

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
 Data File : VX014086.D
 Acq On : 18 Dec 2019 11:02
 Operator : JC/SP
 Sample : VX1218WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBS01

Manual Integrations
 APPROVED

apatel
 12/19/2019 11:50:56 AM

Quant Time: Dec 18 16:29:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	619178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	934844	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	835855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	421325	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	353744	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
35) Dibromofluoromethane	5.48	113	289791	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
50) Toluene-d8	8.71	98	1129853	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
62) 4-Bromofluorobenzene	11.13	95	403656	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	110563	19.960	ug/l	98
3) Chloromethane	1.32	50	150685	20.270	ug/l	98
4) Vinyl Chloride	1.40	62	160562	20.469	ug/l	98
5) Bromomethane	1.63	94	100020	17.965	ug/l	99
6) Chloroethane	1.72	64	100350	20.728	ug/l	94
7) Trichlorofluoromethane	1.92	101	200152	20.612	ug/l	99
8) Diethyl Ether	2.18	74	89969	19.742	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	121330	20.728	ug/l	99
10) Methyl Iodide	2.50	142	148056	20.796	ug/l	98
11) Tert butyl alcohol	3.03	59	149474	98.576	ug/l	99
12) 1,1-Dichloroethene	2.36	96	119374	20.042	ug/l	95
13) Acrolein	2.28	56	106068	122.199	ug/l	97
14) Allyl chloride	2.72	41	217687	20.470	ug/l	100
15) Acrylonitrile	3.13	53	368134	104.016	ug/l	99
16) Acetone	2.43	43	394350	86.559	ug/l	99
17) Carbon Disulfide	2.56	76	325677	20.151	ug/l	97
18) Methyl Acetate	2.76	43	185072	20.501	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	402324	20.556	ug/l	99
20) Methylene Chloride	2.84	84	140809	19.627	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	131713	20.073	ug/l	97
22) Diisopropyl ether	3.84	45	449968	21.233	ug/l	90
23) Vinyl Acetate	3.80	43	1888693	109.213	ug/l	99
24) 1,1-Dichloroethane	3.69	63	238617	20.239	ug/l	100
25) 2-Butanone	4.65	43	549016	97.744	ug/l	99
26) 2,2-Dichloropropane	4.58	77	186899	20.417	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	149946	20.206	ug/l	99
28) Bromochloromethane	5.00	49	92587	20.687	ug/l	99
29) Tetrahydrofuran	5.11	42	333147	106.042	ug/l	98
30) Chloroform	5.20	83	229972	20.576	ug/l	97
31) Cyclohexane	5.57	56	220981	21.073	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	191023	20.053	ug/l	99
36) 1,1-Dichloropropene	5.79	75	175760	20.490	ug/l	99
37) Ethyl Acetate	4.81	43	201314	21.253	ug/l	100
38) Carbon Tetrachloride	5.77	117	163380	20.908	ug/l	96

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Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	223177	21.072	ug/l	97
40) Benzene	6.13	78	538891	20.418	ug/l	99
41) Methacrylonitrile	5.02	41	112634	21.431	ug/l	97
42) 1,2-Dichloroethane	6.18	62	189350	21.165	ug/l	100
43) Isopropyl Acetate	6.43	43	322642	20.582	ug/l	99
44) Trichloroethene	7.20	130	148176	20.326	ug/l	100
45) 1,2-Dichloropropane	7.51	63	140333	20.745	ug/l	100
46) Dibromomethane	7.65	93	89829	20.085	ug/l	98
47) Bromodichloromethane	7.89	83	172601	20.491	ug/l	98
48) Methyl methacrylate	7.76	41	159154	20.734	ug/l	98
49) 1,4-Dioxane	7.73	88	63908	409.112	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1028924	104.514	ug/l	98
52) Toluene	8.78	92	338634	20.299	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	191001	20.680	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	219663	21.348	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	137596	20.580	ug/l	98
56) Ethyl methacrylate	9.17	69	216360	20.601	ug/l	99
57) 1,3-Dichloropropane	9.37	76	236040	20.983	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	406473	102.269	ug/l	100
59) 2-Hexanone	9.48	43	785453	99.109	ug/l	100
60) Dibromochloromethane	9.57	129	138728	20.874	ug/l	100
61) 1,2-Dibromoethane	9.67	107	142228	20.791	ug/l	98
64) Tetrachloroethene	9.33	164	145648	19.692	ug/l	96
65) Chlorobenzene	10.14	112	362754	20.411	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	131977	20.798	ug/l	100
67) Ethyl Benzene	10.24	91	641197	20.985	ug/l	98
68) m/p-Xylenes	10.35	106	488755	41.590	ug/l	99
69) o-Xylene	10.70	106	236335	20.505	ug/l	99
70) Styrene	10.71	104	405148	20.788	ug/l	98
71) Bromoform	10.85	173	100991	19.799	ug/l #	100
73) Isopropylbenzene	11.01	105	629441	21.219	ug/l	100
74) N-amyl acetate	10.89	43	280020	20.138	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	211166	20.533	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	197642m	21.608	ug/l	
77) Bromobenzene	11.25	156	163758	20.064	ug/l	99
78) n-propylbenzene	11.35	91	719707	21.630	ug/l	99
79) 2-Chlorotoluene	11.42	91	423853	20.955	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	526185	21.076	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	66339	20.471	ug/l	93
82) 4-Chlorotoluene	11.51	91	484558	20.653	ug/l	99
83) tert-Butylbenzene	11.76	119	510300	21.004	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	525381	21.014	ug/l	100
85) sec-Butylbenzene	11.94	105	610084	21.271	ug/l	99
86) p-Isopropyltoluene	12.06	119	557144	21.236	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	285633	19.968	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	286874	19.724	ug/l	99
89) n-Butylbenzene	12.38	91	476125	21.268	ug/l	100
90) Hexachloroethane	12.59	117	95585	20.283	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	288075	20.006	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	43307	19.029	ug/l	99

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX1218WBS01

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	183493	19.606	ug/l	96
94) Hexachlorobutadiene	13.78	225	92239	20.507	ug/l	98
95) Naphthalene	13.83	128	560340	20.378	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	191434	20.720	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

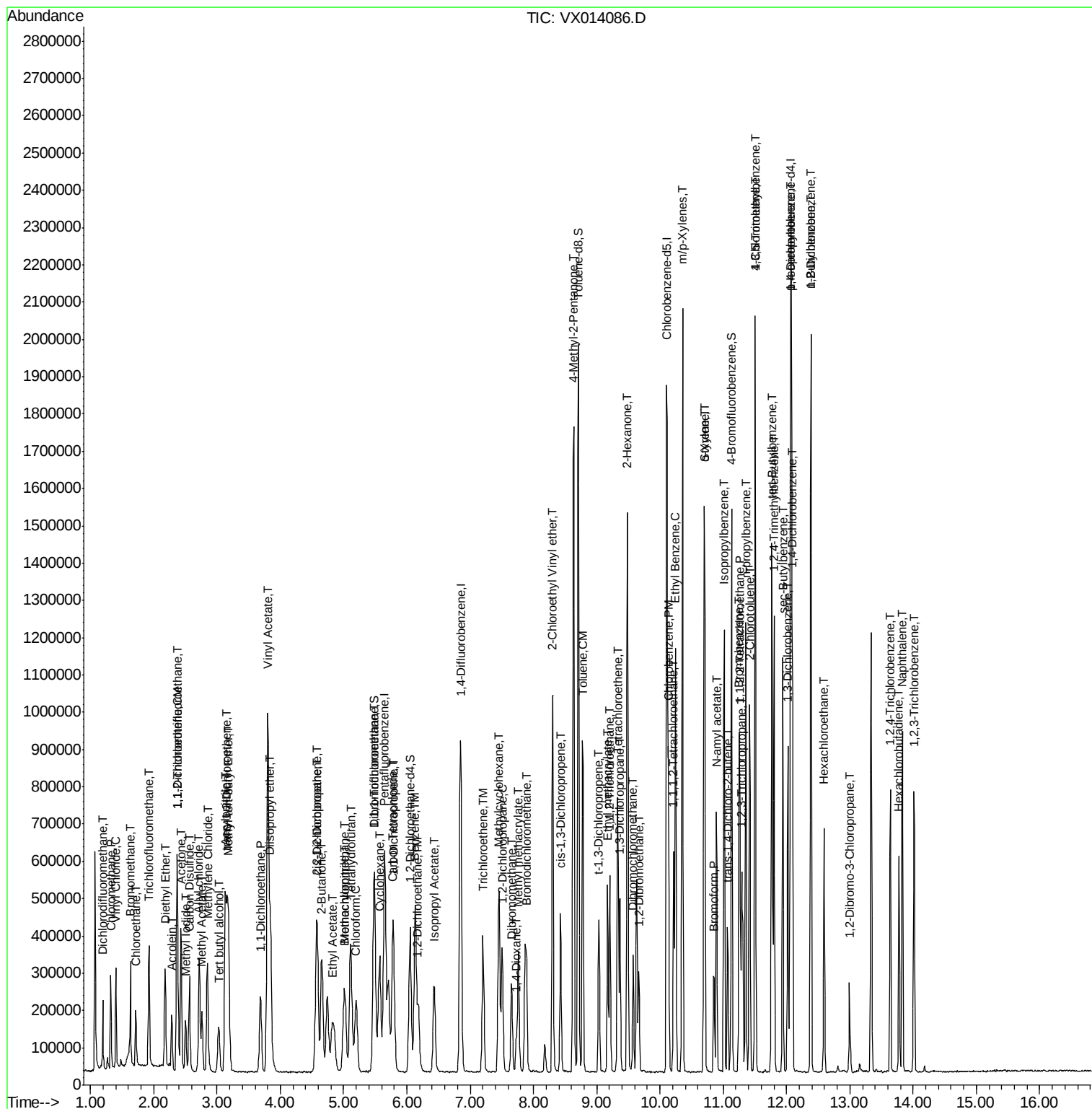
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 Data File : VX014086.D
 Acq On : 18 Dec 2019 11:02
 Operator : JC/SP
 Sample : VX1218WBS01
 Misc : 5.0mL/MSVOA X/WATER
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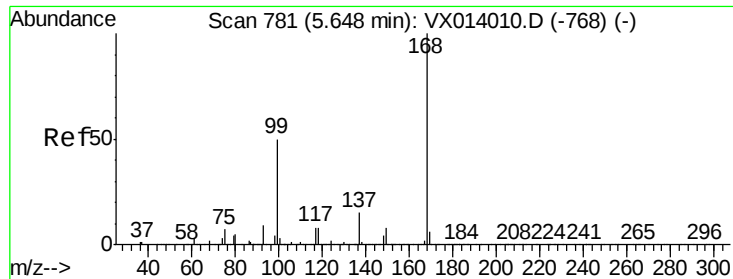
Instrument :
 MSVOA_X
 ClientSampleID :
 VX1218WBS01

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 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion:168 Resp: 619178

Ion Ratio Lower Upper

168 100

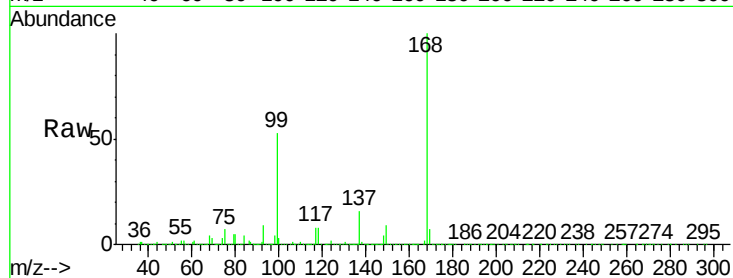
99 52.7 40.3 60.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

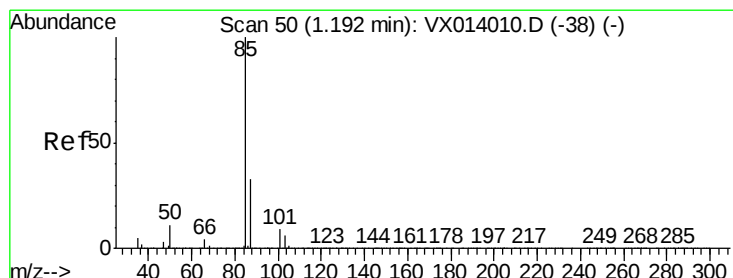
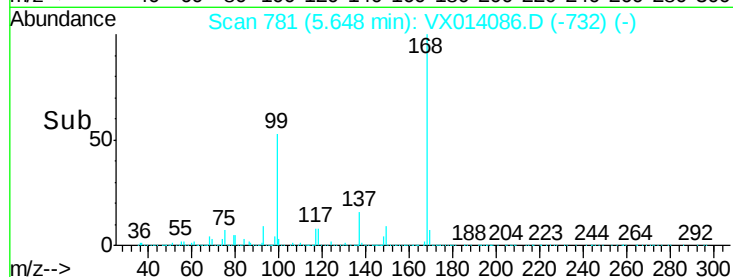
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.960 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014086.D

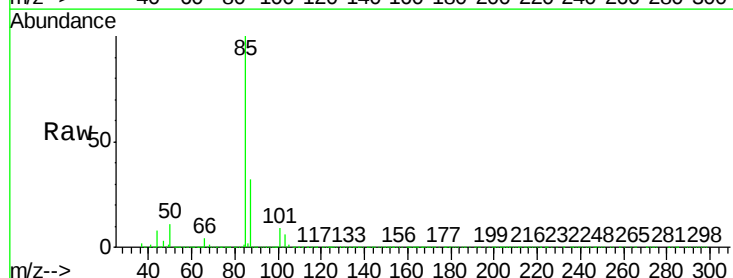
Acq: 18 Dec 2019 11:02

Tgt Ion: 85 Resp: 110563

Ion Ratio Lower Upper

85 100

87 31.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

120000

100000

80000

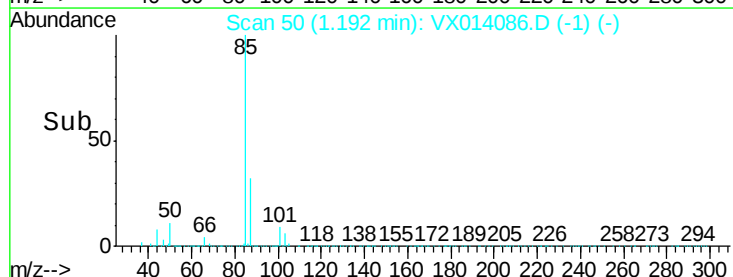
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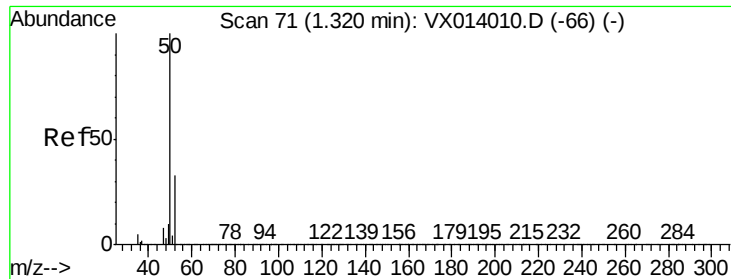
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20000

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Time-->





#3

Chloromethane

Concen: 20.270 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 50 Resp: 150685

Ion Ratio Lower Upper

50 100

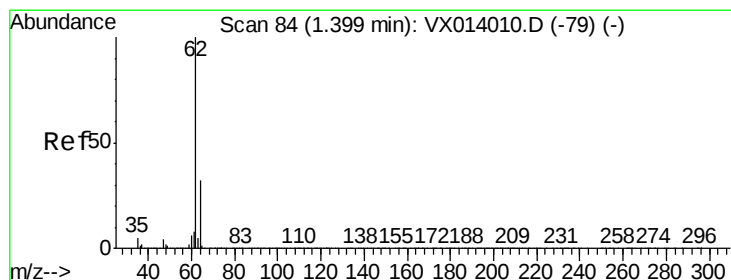
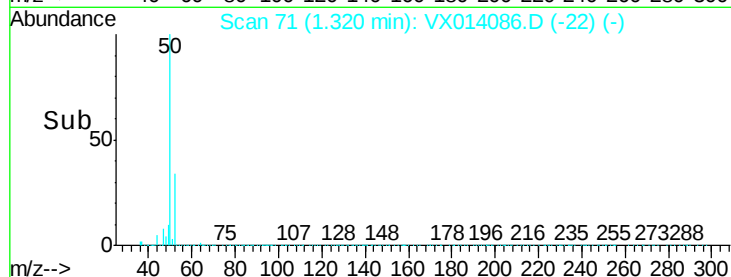
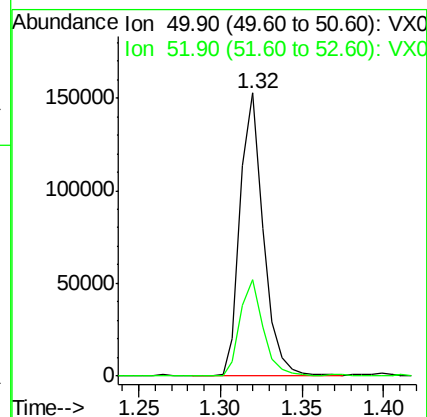
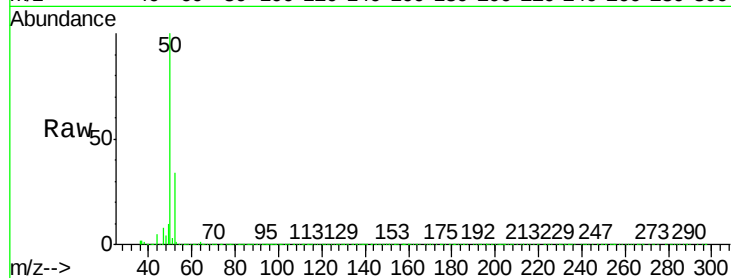
52 33.7 26.2 39.4

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#4

Vinyl Chloride

Concen: 20.469 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014086.D

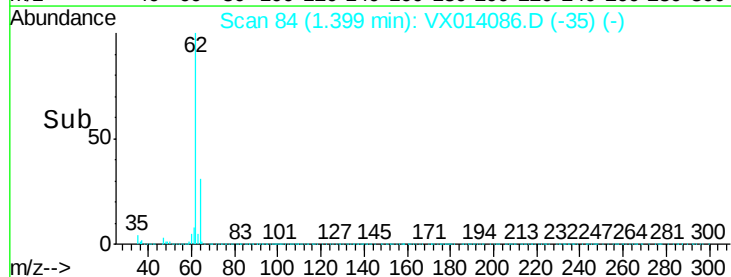
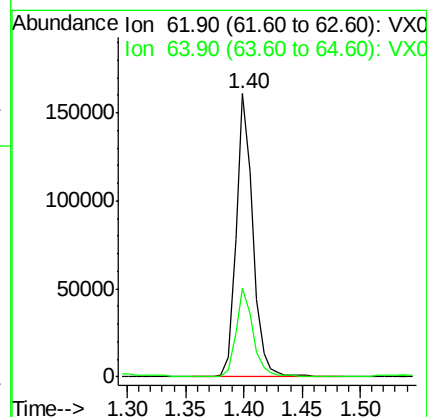
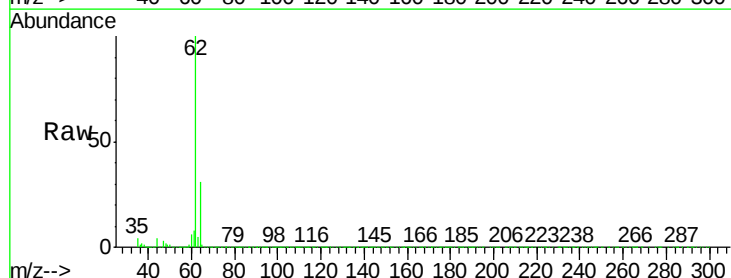
Acq: 18 Dec 2019 11:02

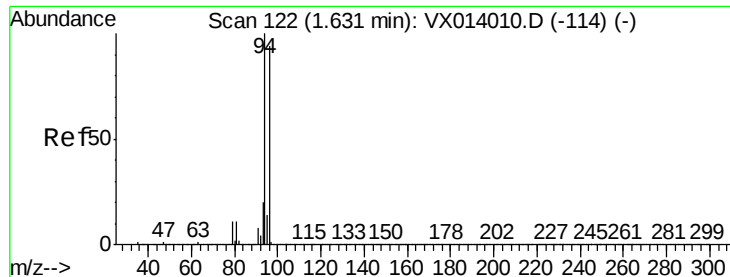
Tgt Ion: 62 Resp: 160562

Ion Ratio Lower Upper

62 100

64 31.1 25.7 38.5





#5

Bromomethane

Concen: 17.965 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 94 Resp: 100020

Ion Ratio Lower Upper

94 100

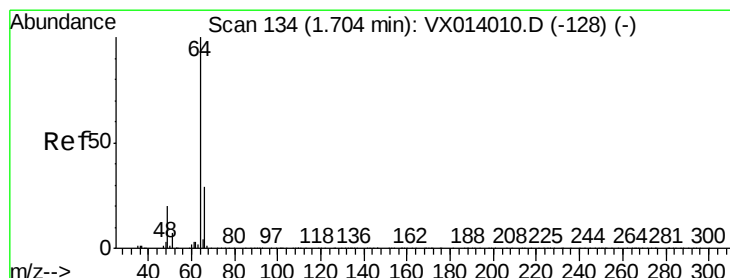
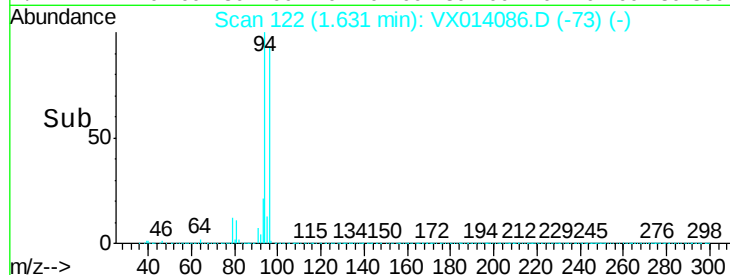
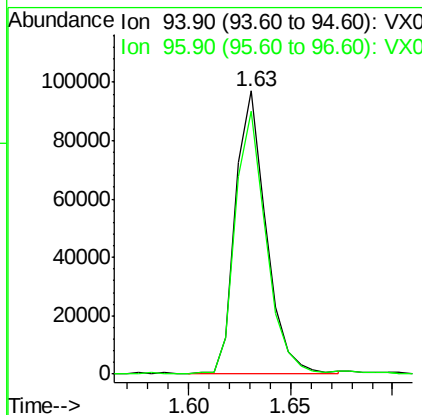
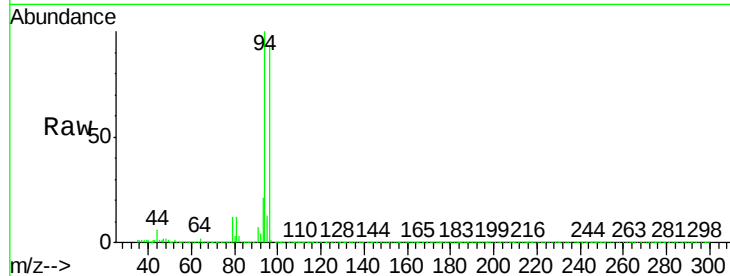
96 92.8 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 20.728 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014086.D

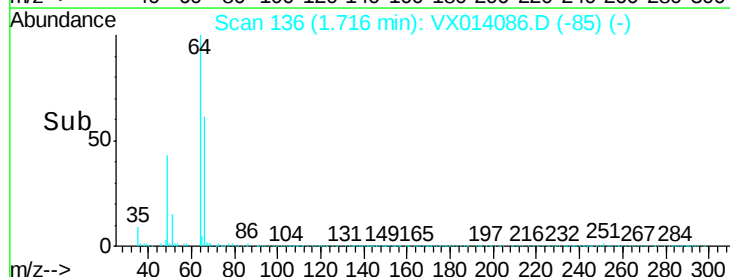
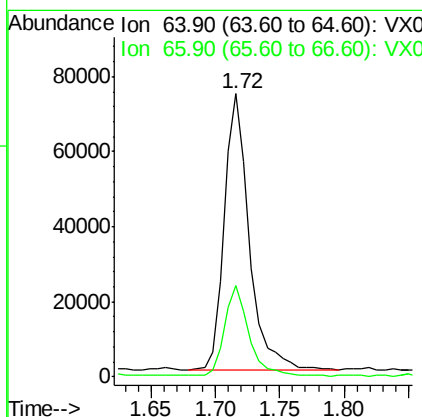
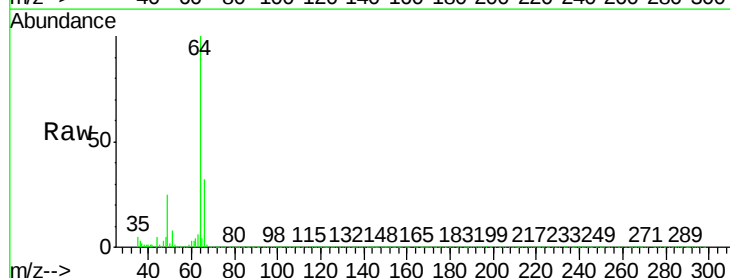
Acq: 18 Dec 2019 11:02

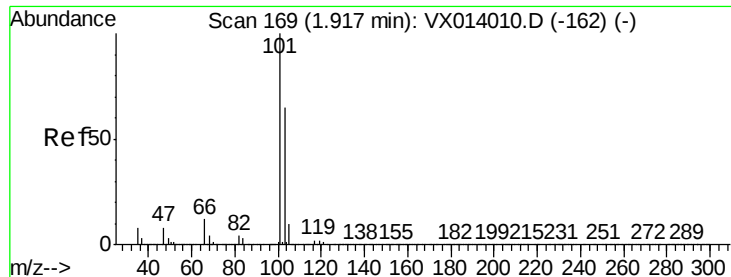
Tgt Ion: 64 Resp: 100350

Ion Ratio Lower Upper

64 100

66 32.5 23.4 35.2





#7

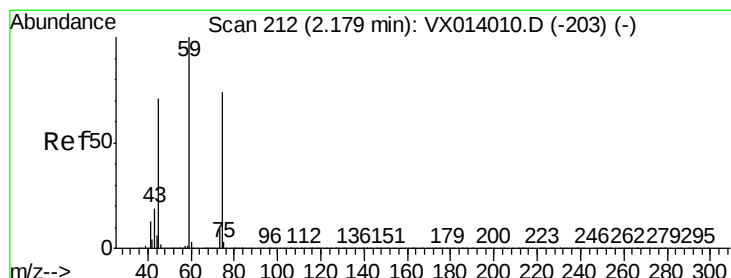
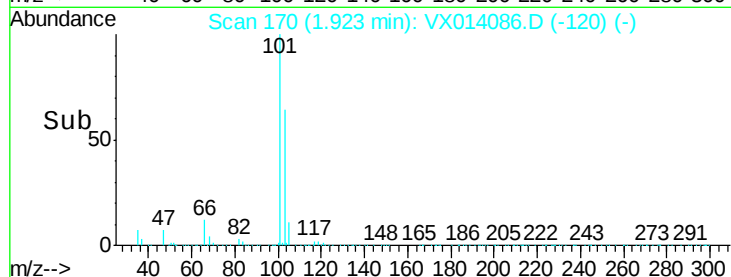
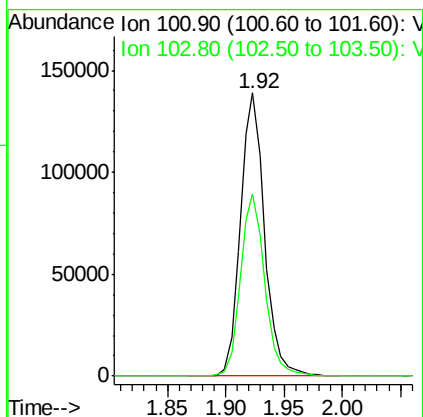
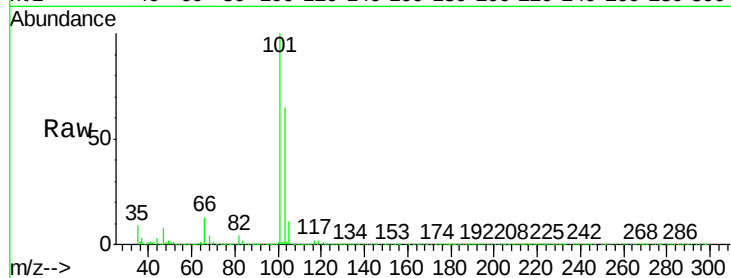
Trichlorofluoromethane
Concen: 20.612 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	200152		
103	64.4	52.2	78.4	

Manual Integrations
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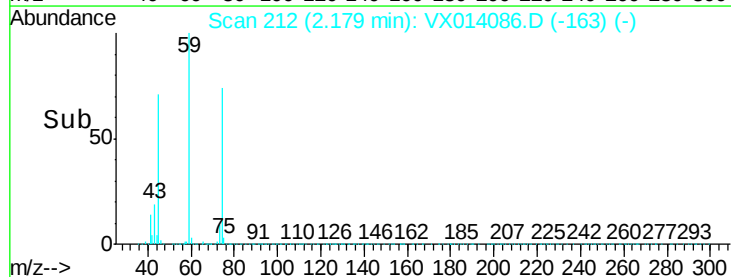
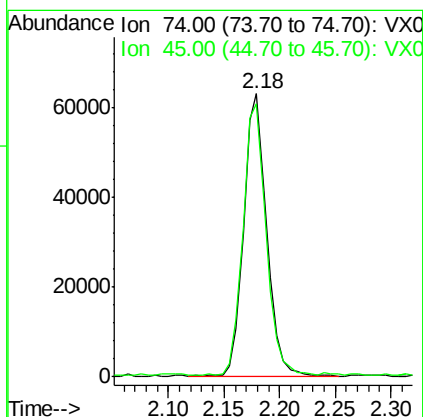
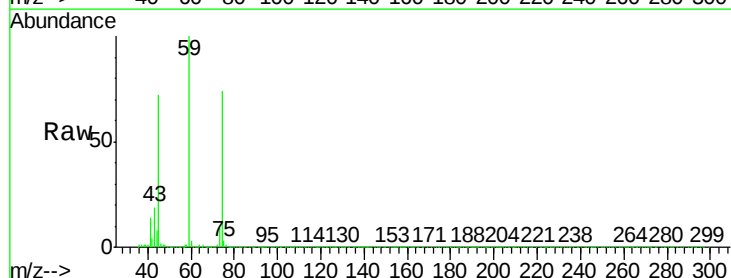
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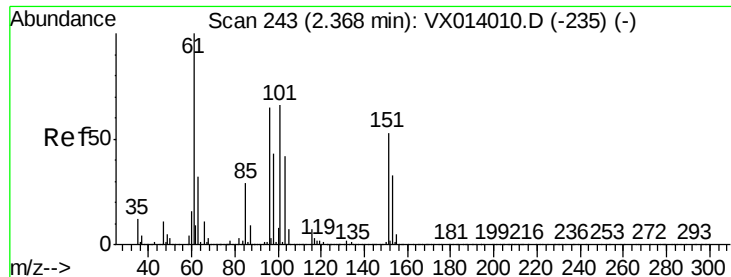


#8

Diethyl Ether
Concen: 19.742 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	89969		
45	96.9	48.1	144.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.728 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

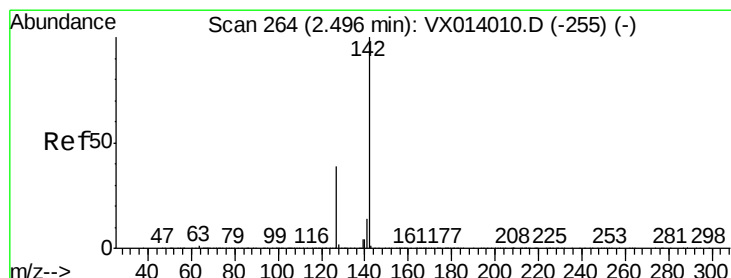
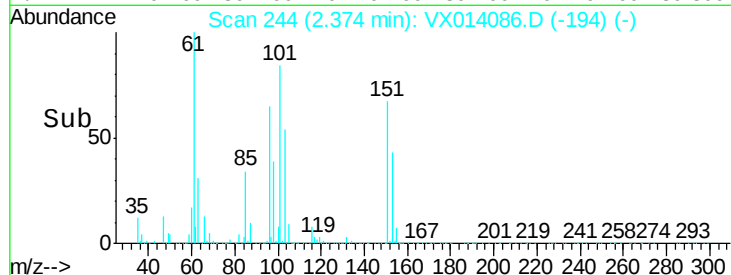
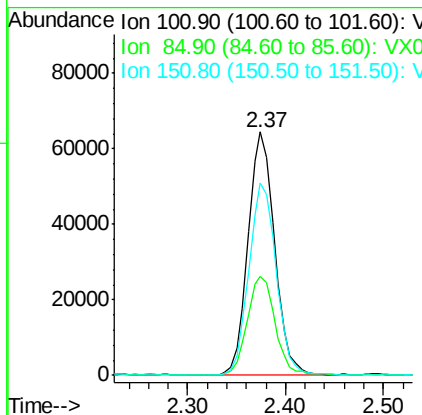
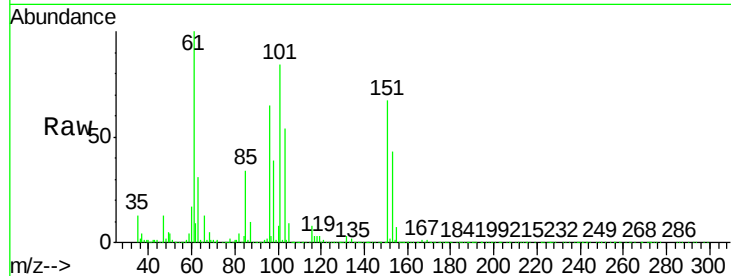
ClientSampleId :

VX1218WBS01

Tot Ion:	101	Resp:	121330
Ion Ratio	Lower	Upper	
101	100		
85	42.6	33.7	50.5
151	82.0	64.5	96.7

Manual Integrations
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#10

Methyl Iodide

Concen: 20.796 ug/l

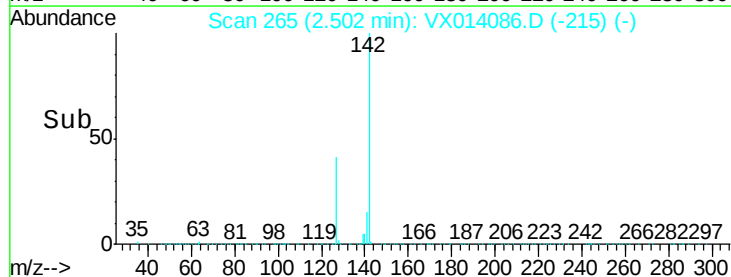
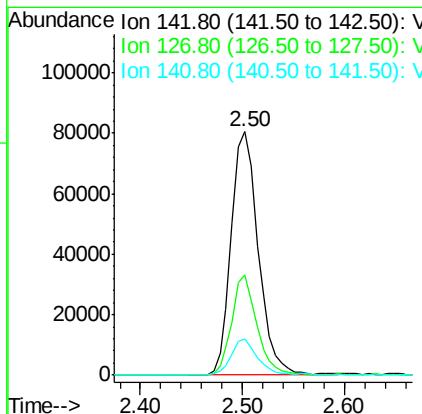
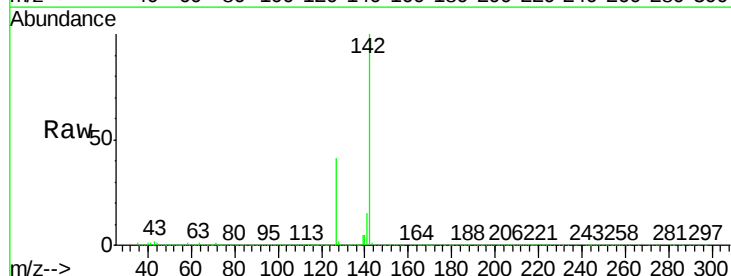
RT: 2.50 min Scan# 265

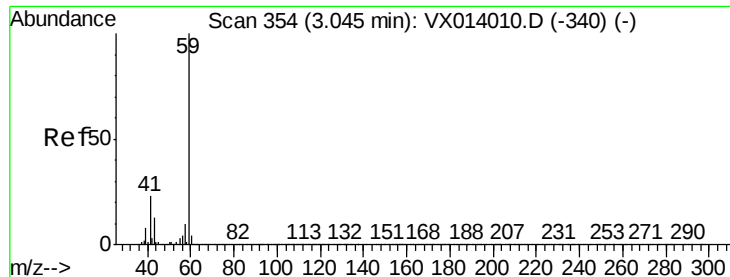
Delta R.T. 0.01 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Tgt Ion:	142	Resp:	148056
Ion Ratio	Lower	Upper	
142	100		
127	37.9	31.6	47.4
141	14.4	11.6	17.4





#11

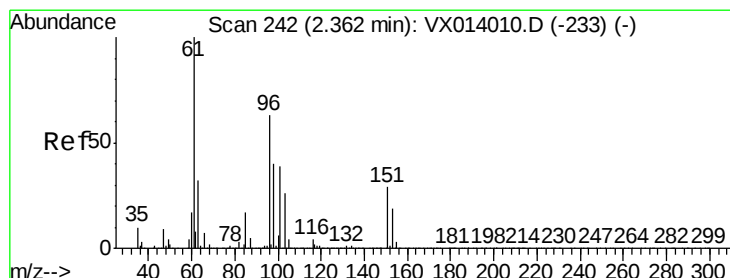
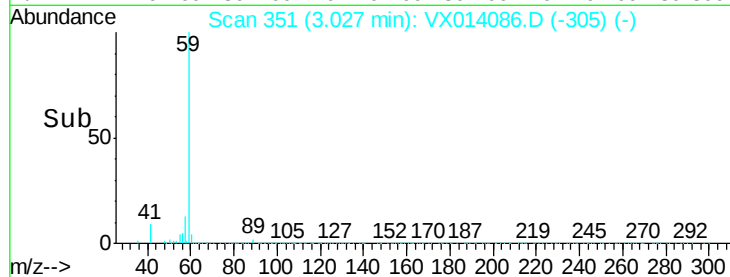
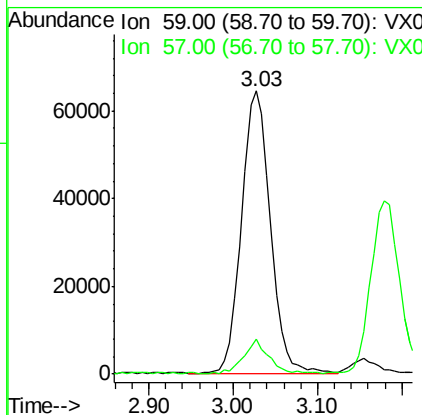
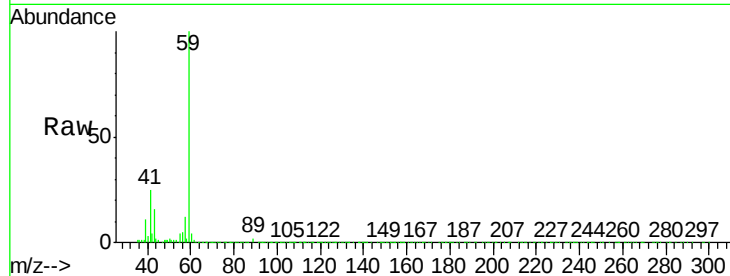
Tert butyl alcohol
Concen: 98.576 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.4	12.6

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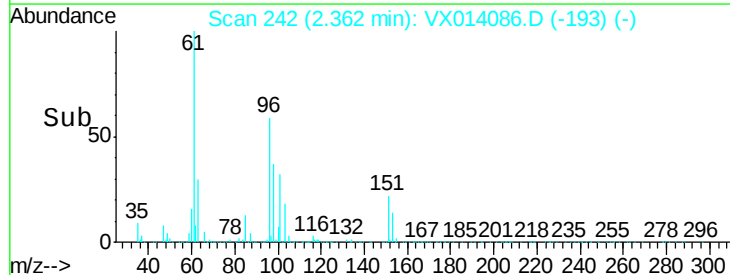
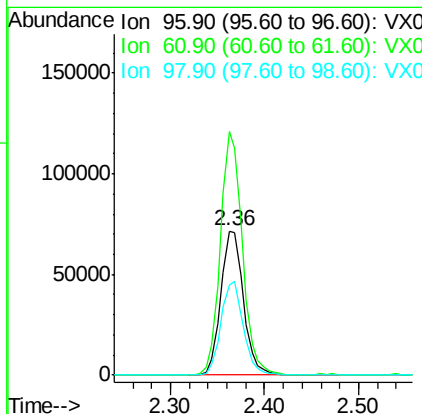
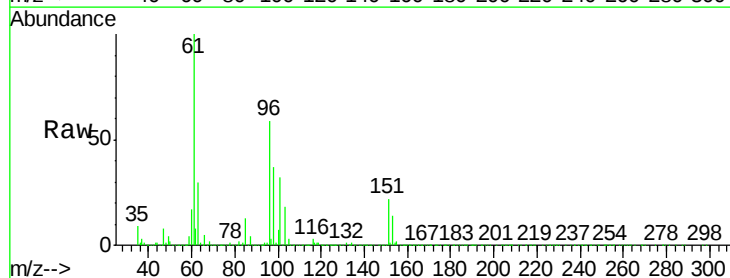
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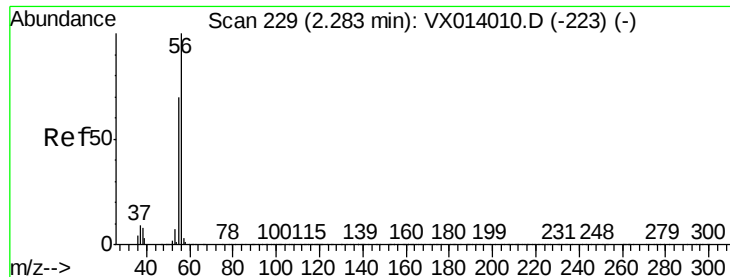


#12

1,1-Dichloroethene
Concen: 20.042 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.0	127.9	191.9
98	62.7	50.5	75.7





#13

Acrolein

Concen: 122.199 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 56 Resp: 106068

Ion Ratio Lower Upper

56 100

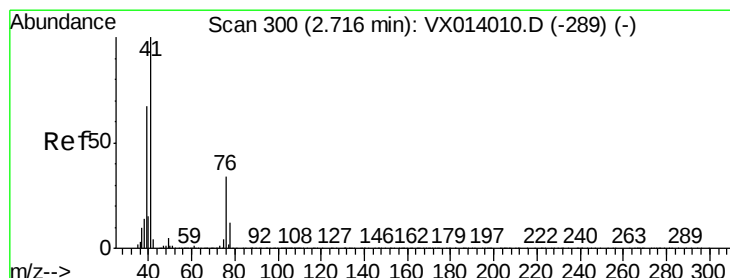
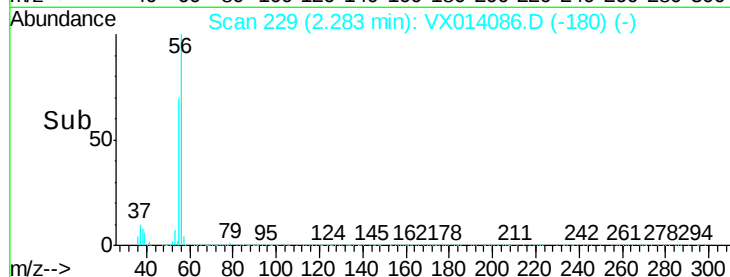
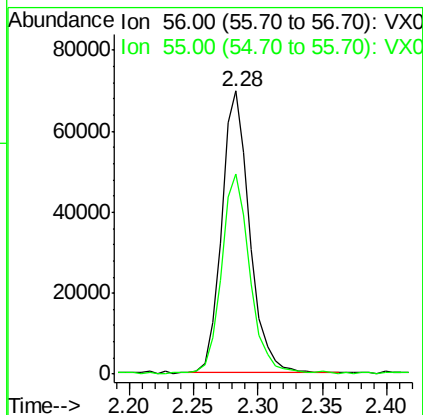
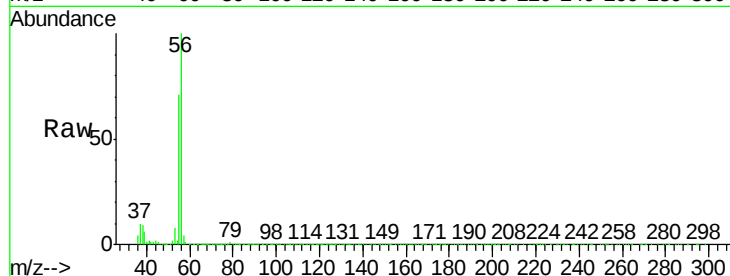
55 73.4 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 20.470 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

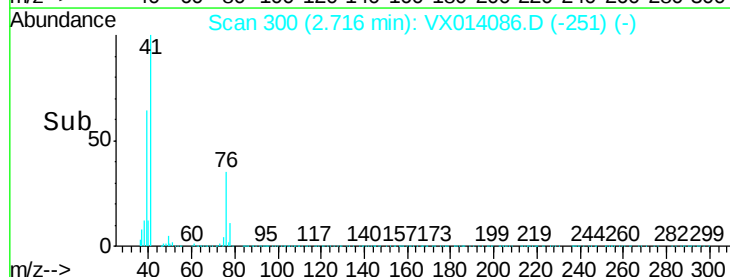
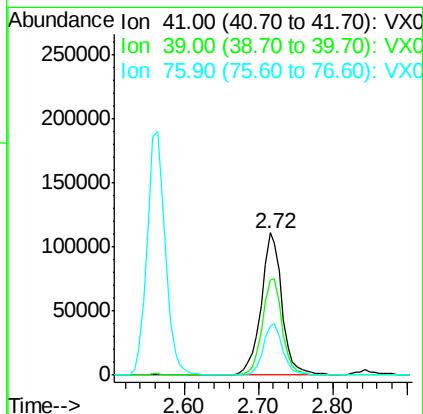
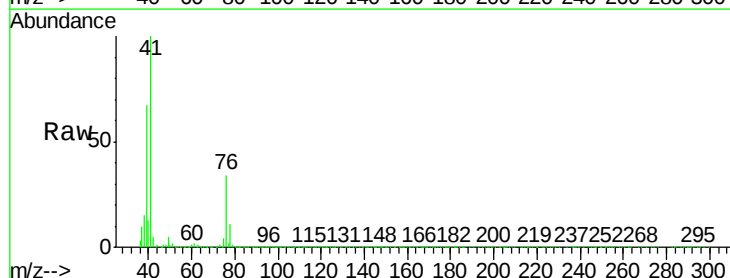
Tgt Ion: 41 Resp: 217687

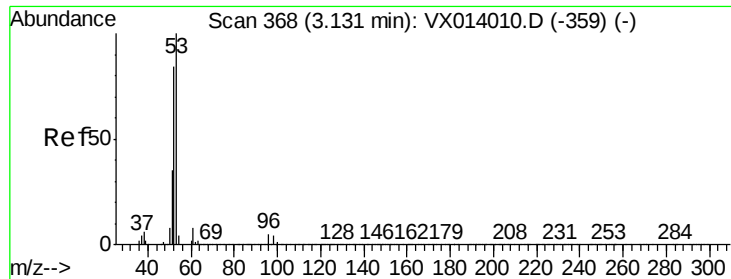
Ion Ratio Lower Upper

41 100

39 64.5 51.8 77.8

76 32.7 25.9 38.9





#15

Acrylonitrile

Concen: 104.016 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

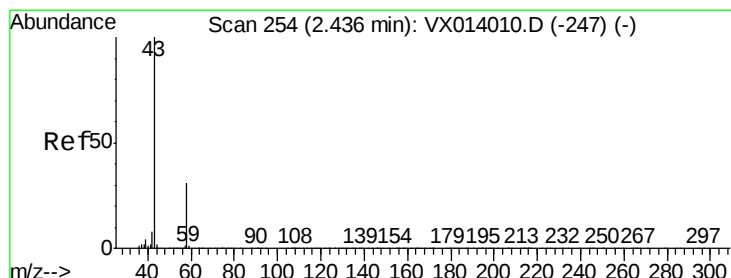
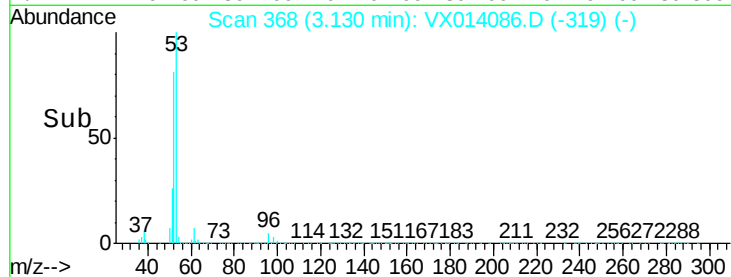
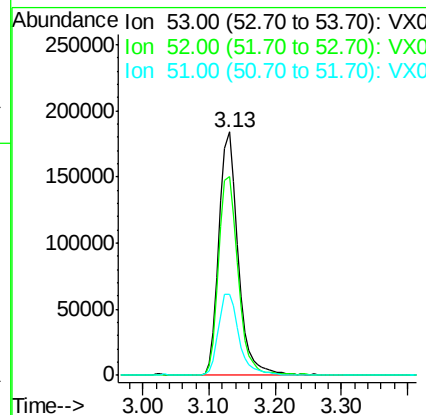
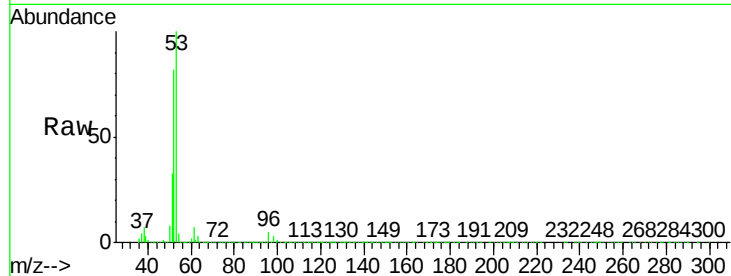
ClientSampleId :

VX1218WBS01

Tot Ion:	53	Resp:	368134
Ion Ratio		Lower	Upper
53	100		
52	82.7	66.5	99.7
51	36.6	28.1	42.1

Manual Integrations
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#16

Acetone

Concen: 86.559 ug/l

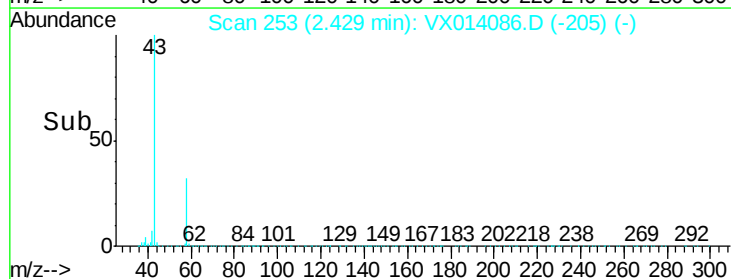
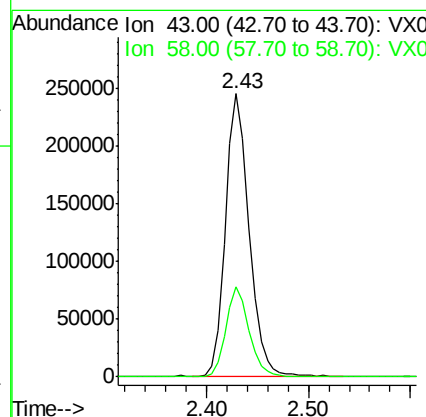
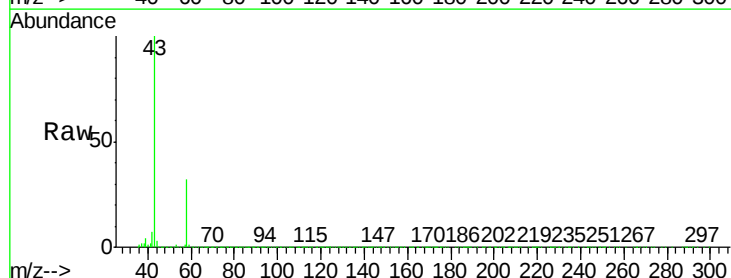
RT: 2.43 min Scan# 253

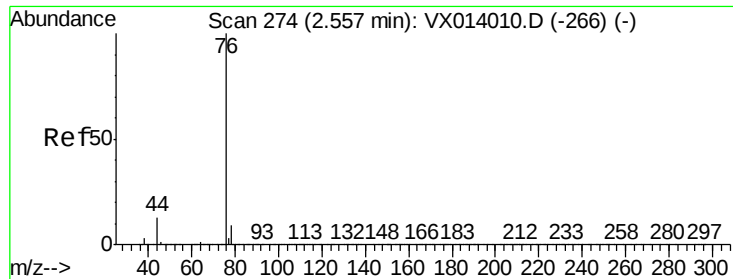
Delta R.T. -0.01 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Tgt Ion:	43	Resp:	394350
Ion Ratio		Lower	Upper
43	100		
58	31.7	24.9	37.3





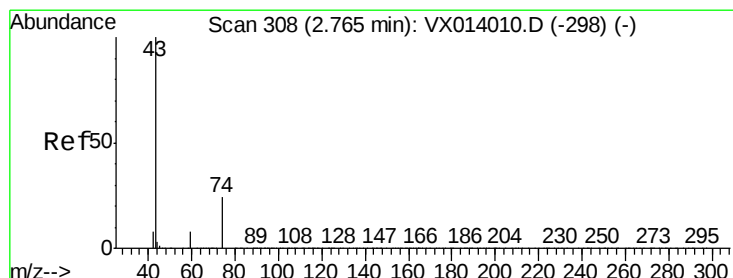
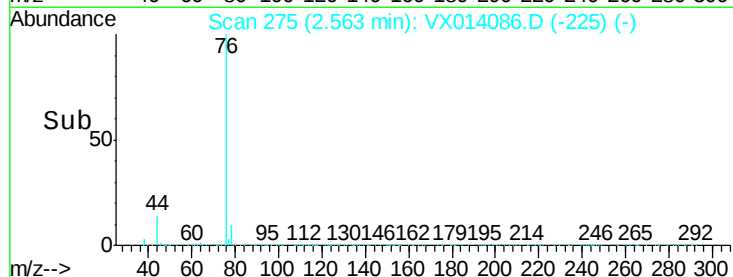
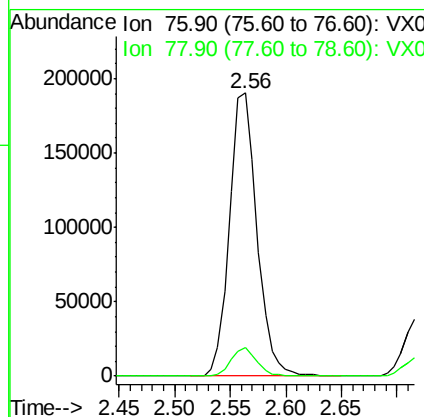
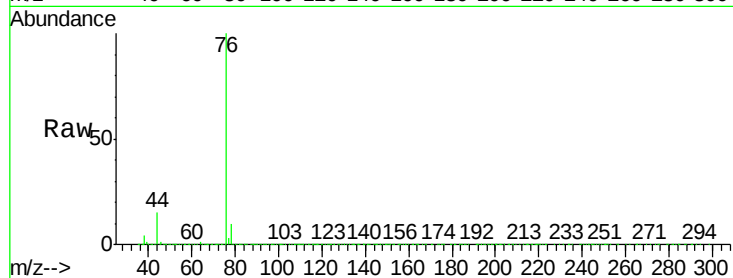
#17
Carbon Disulfide
Concen: 20.151 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.2	10.8

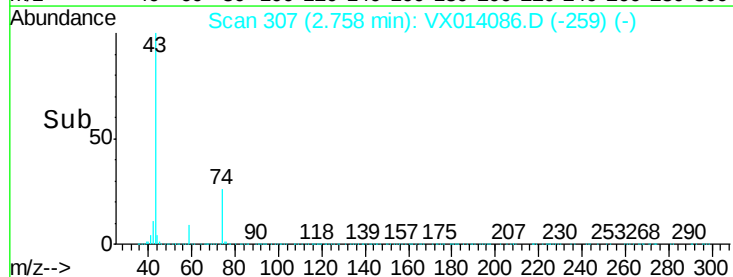
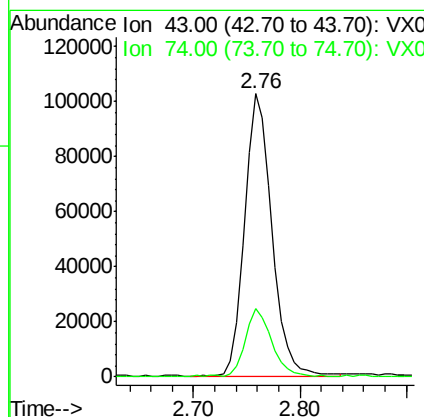
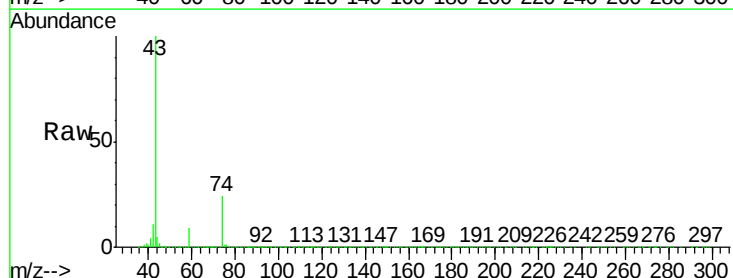
Manual Integrations
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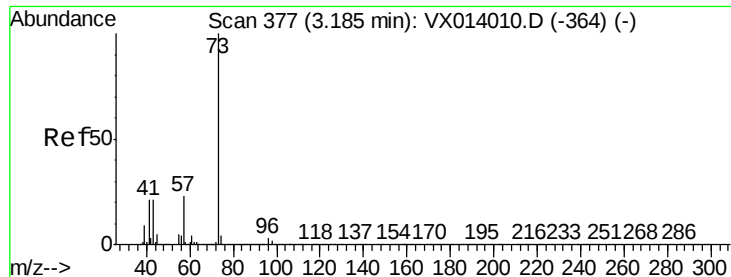
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#18
Methyl Acetate
Concen: 20.501 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.5	29.3





#19

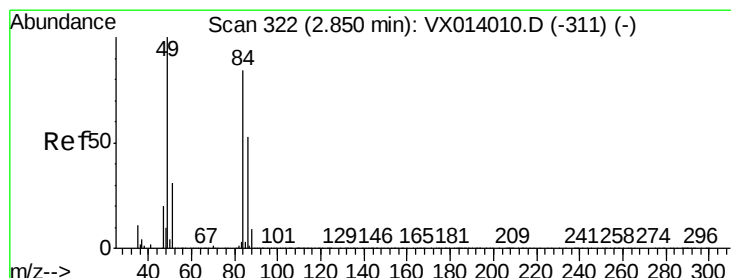
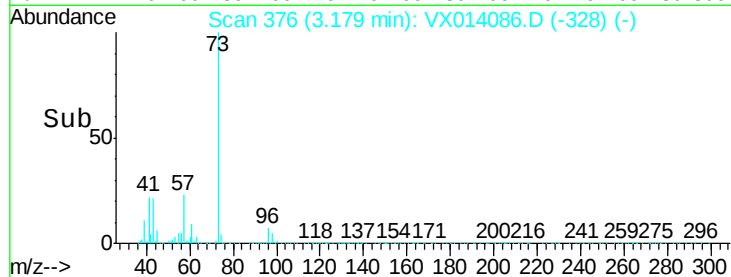
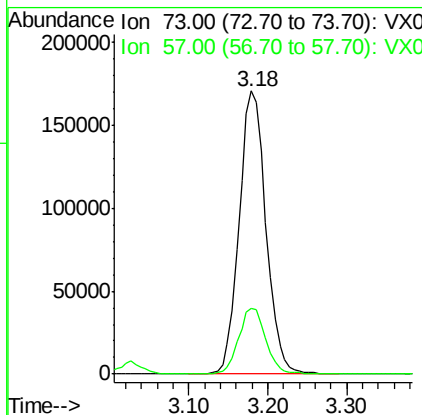
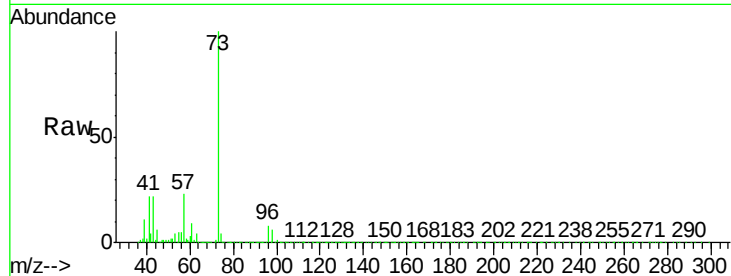
Methyl tert-butyl Ether
Concen: 20.556 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	18.8	28.2

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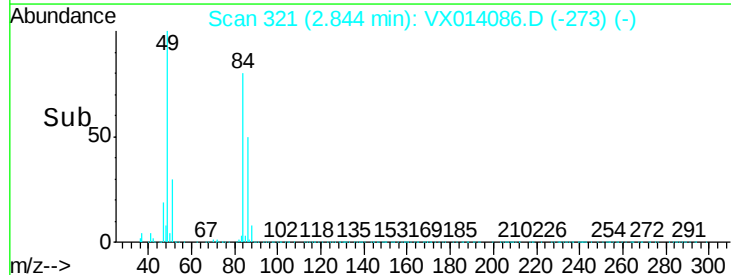
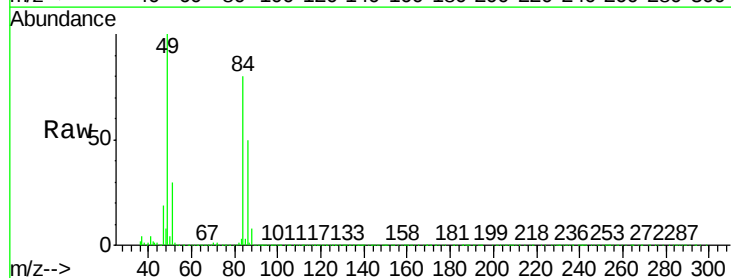
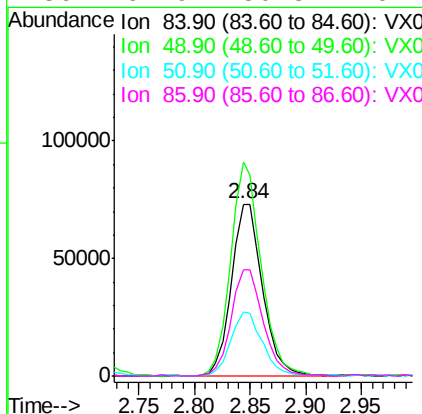
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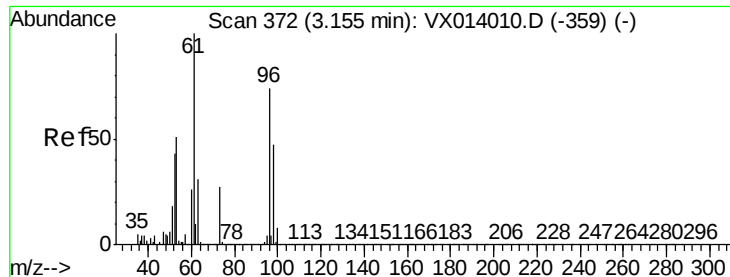


#20

Methylene Chloride
Concen: 19.627 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.2	95.8	143.6
51	37.1	29.8	44.8
86	61.9	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 20.073 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

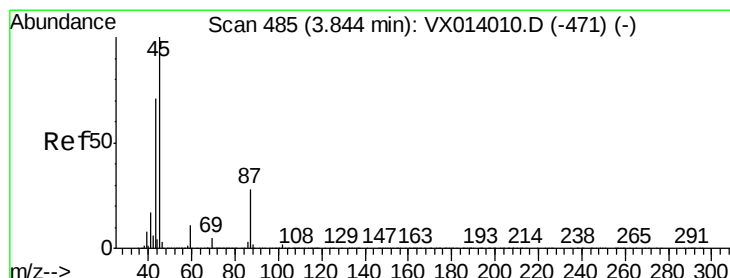
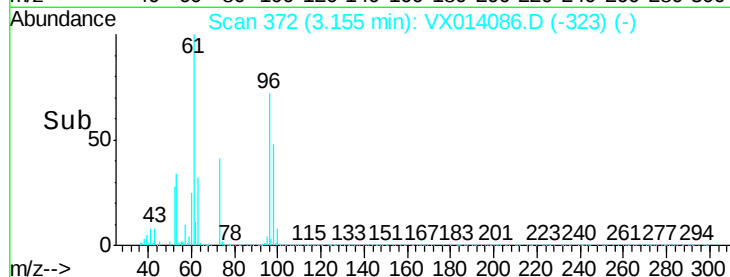
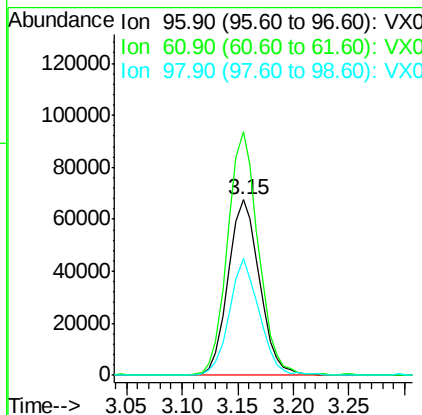
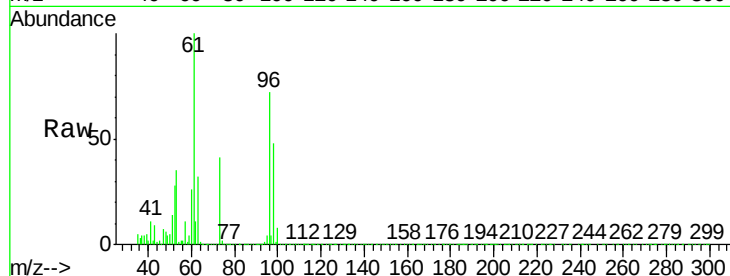
ClientSampleId :

VX1218WBS01

Tot Ion:	96	Resp:	131713
Ion Ratio	Lower	Upper	
96	100		
61	138.9	108.3	162.5
98	66.9	50.8	76.2

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#22

Diisopropyl ether

Concen: 21.233 ug/l

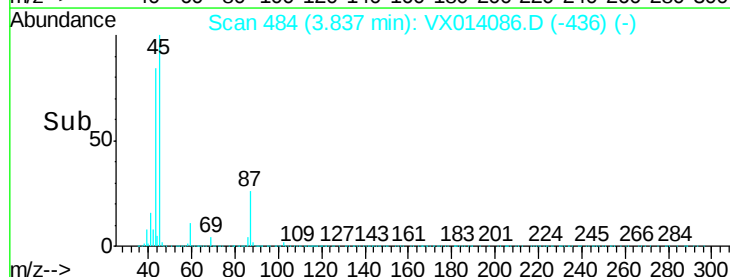
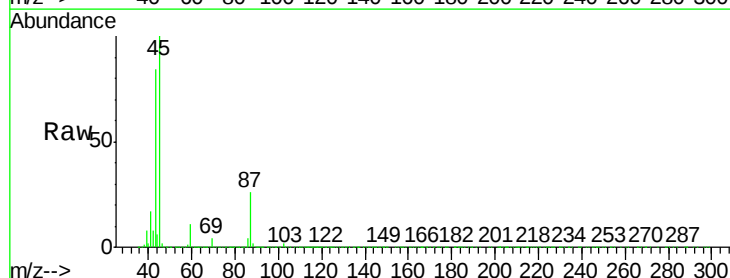
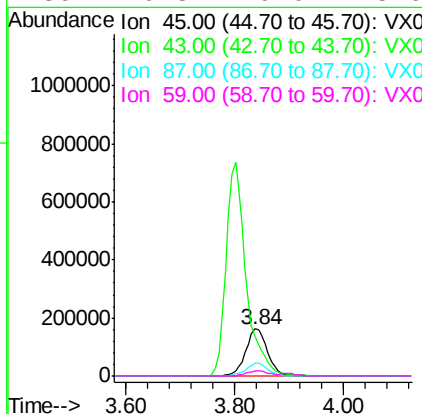
RT: 3.84 min Scan# 484

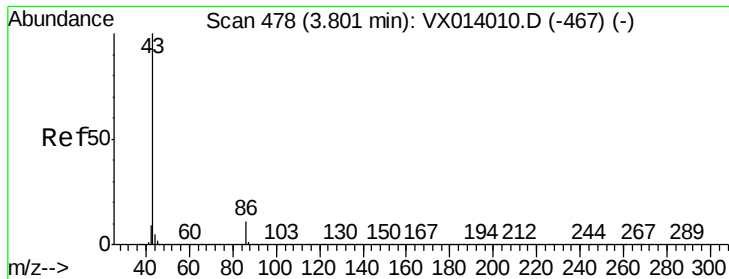
Delta R.T. -0.01 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Tgt Ion:	45	Resp:	449968
Ion Ratio	Lower	Upper	
45	100		
43	83.7	57.4	86.0
87	25.9	21.9	32.9
59	10.8	9.0	13.6





#23

Vinyl Acetate

Concen: 109.213 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 43 Resp: 1888693

Ion Ratio Lower Upper

43 100

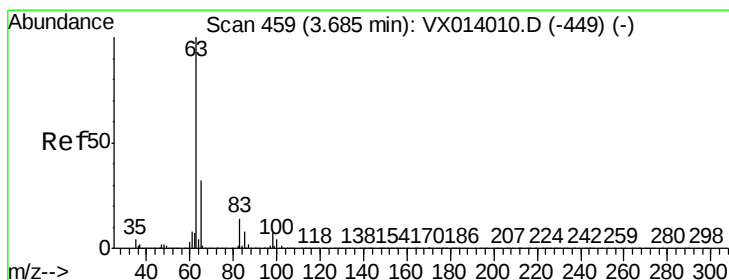
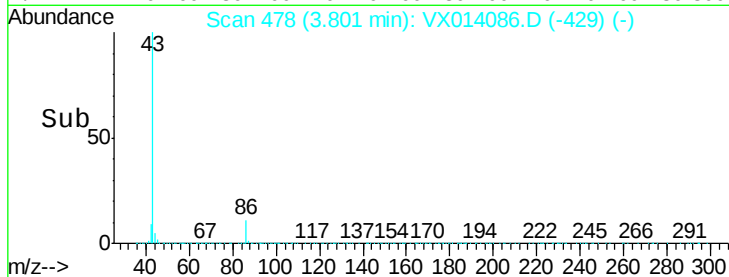
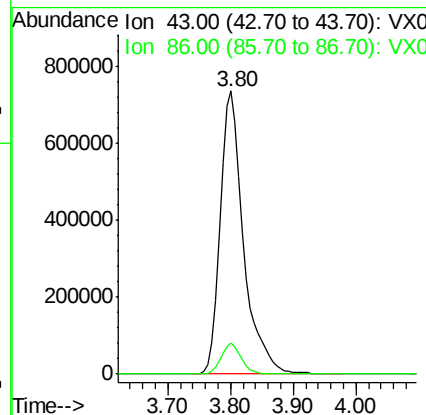
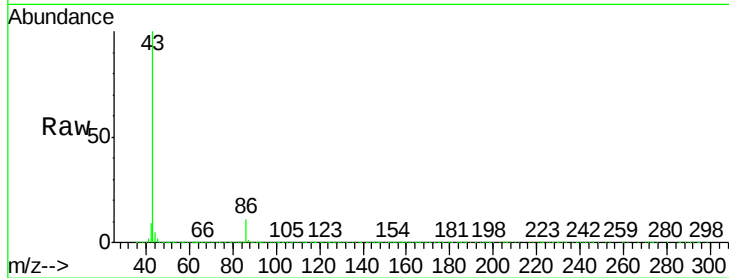
86 10.9 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 20.239 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

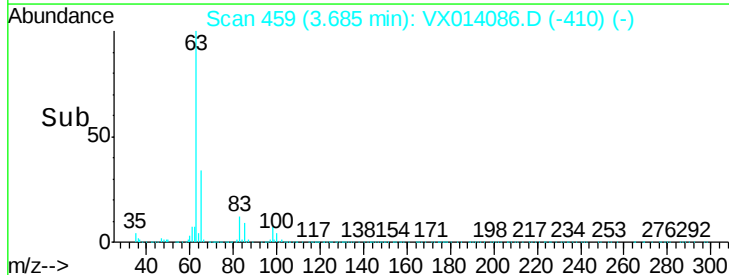
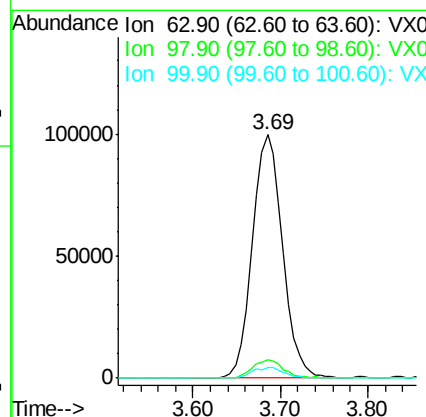
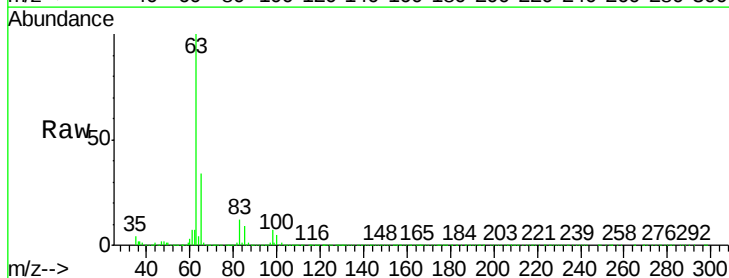
Tgt Ion: 63 Resp: 238617

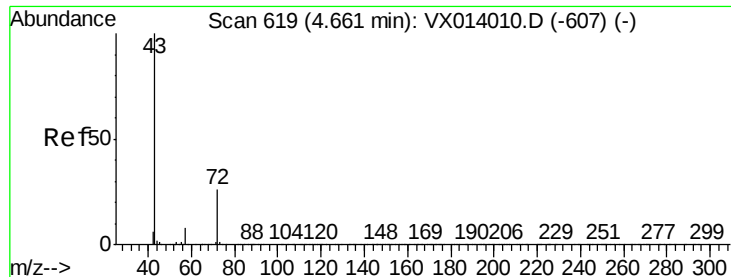
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 97.744 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 43 Resp: 549016

Ion Ratio Lower Upper

43 100

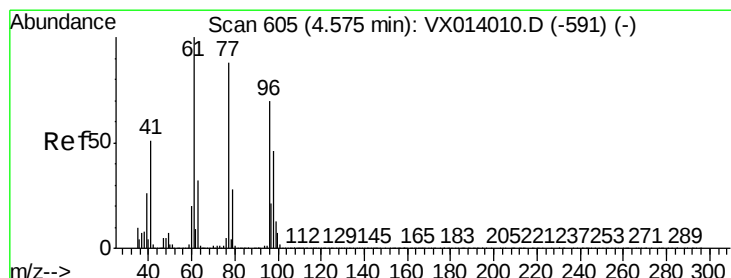
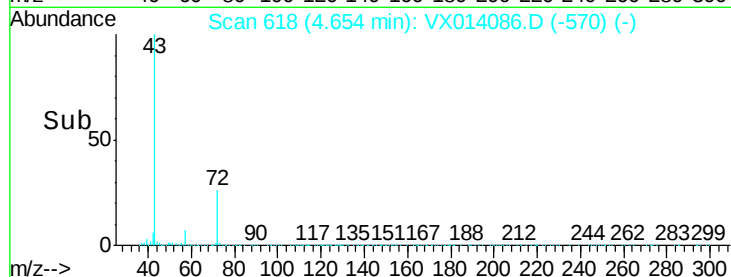
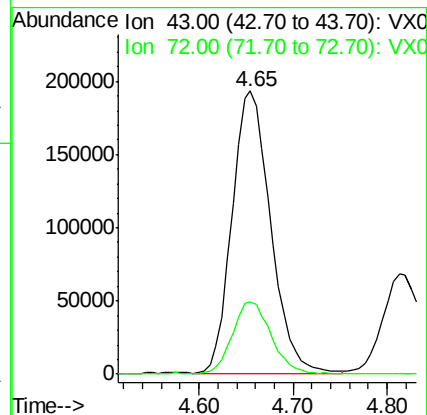
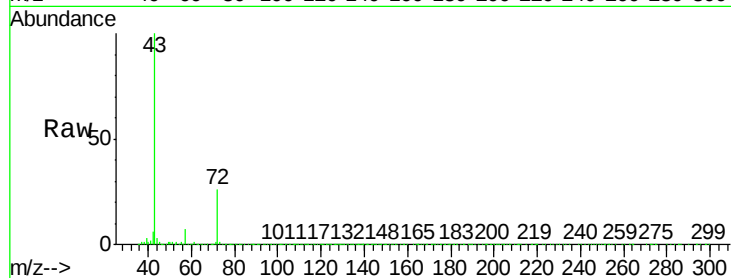
72 25.5 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 20.417 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX014086.D

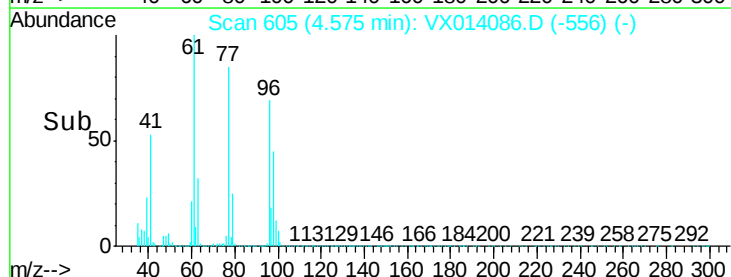
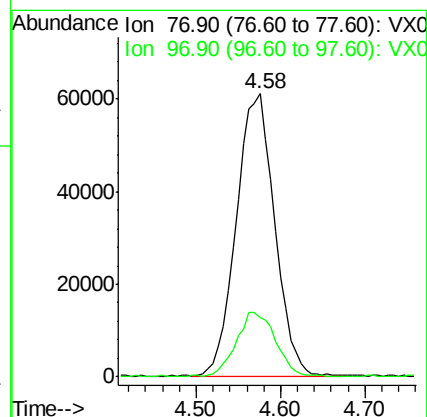
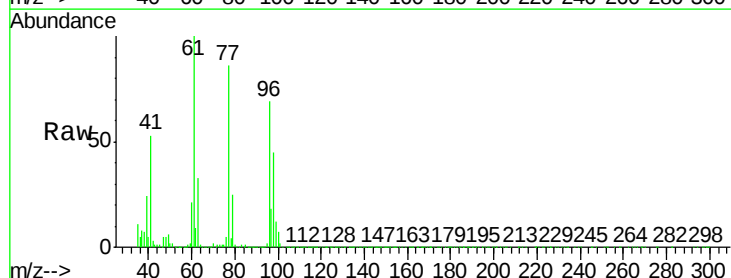
Acq: 18 Dec 2019 11:02

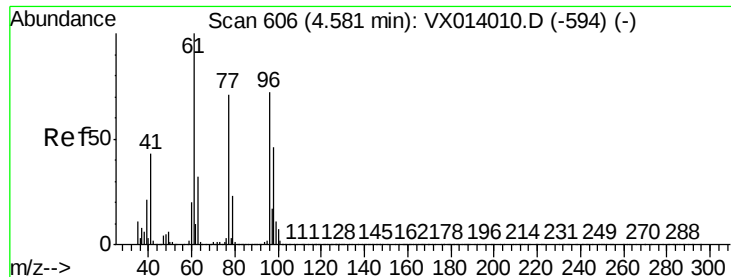
Tgt Ion: 77 Resp: 186899

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.9





#27

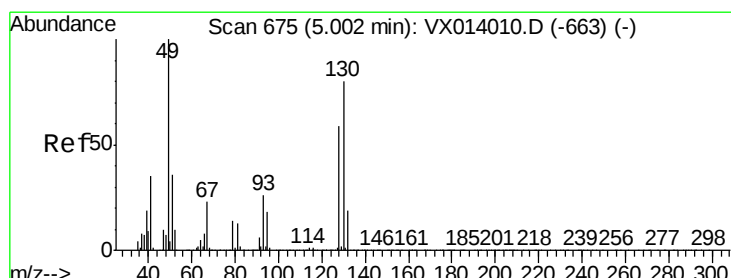
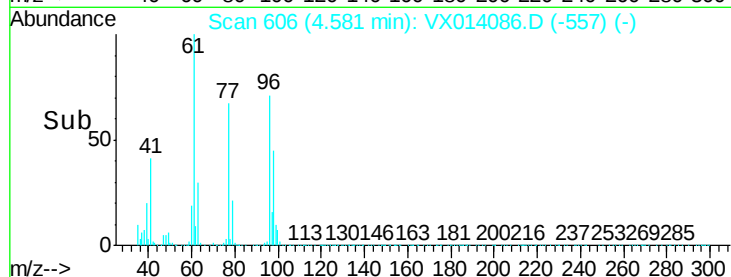
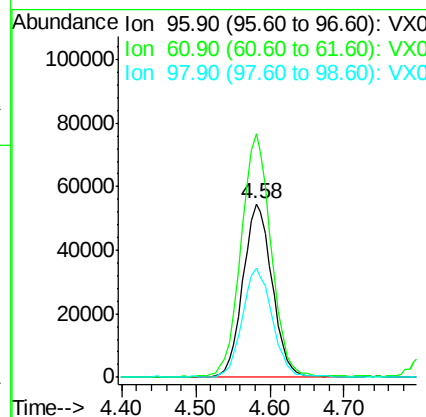
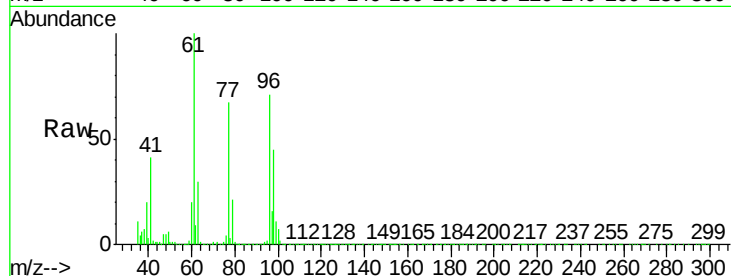
cis-1,2-Dichloroethene
Concen: 20.206 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	149946		
61	146.0	0.0	288.4	
98	63.7	0.0	129.6	

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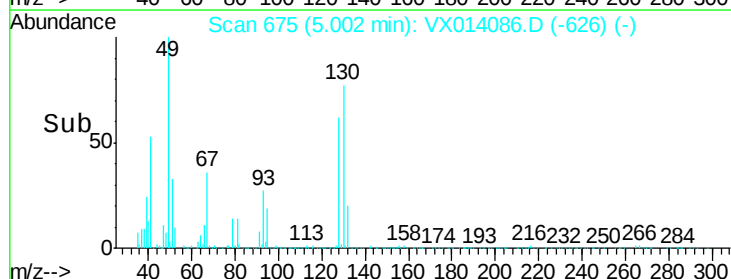
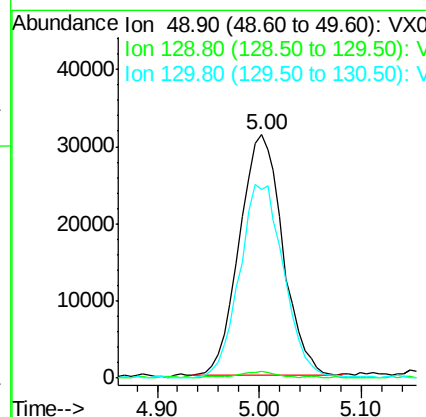
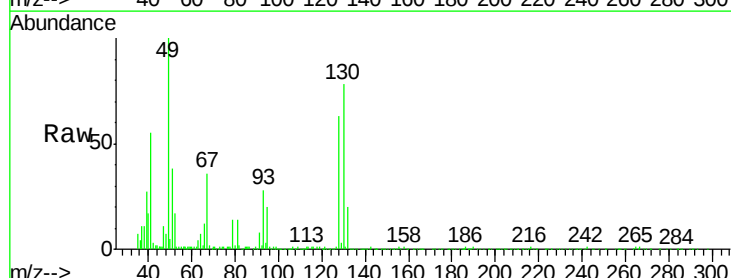
apatel
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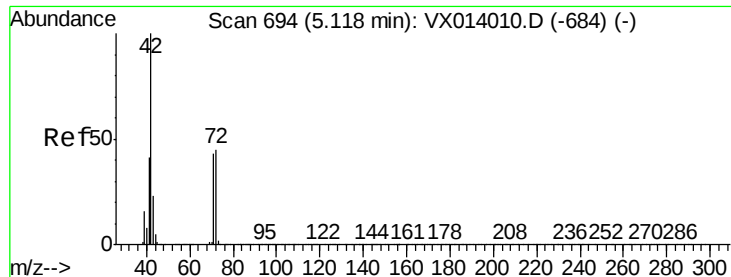


#28

Bromochloromethane
Concen: 20.687 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	92587		
129	2.5	0.0	5.0	
130	81.7	64.6	97.0	





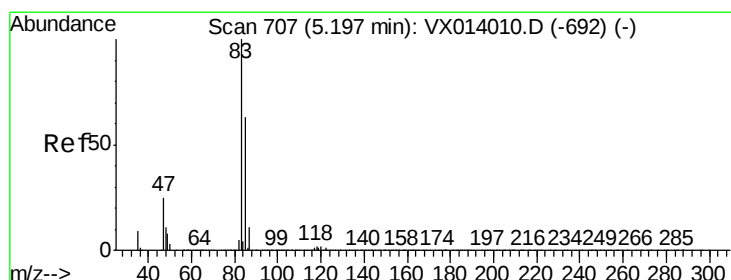
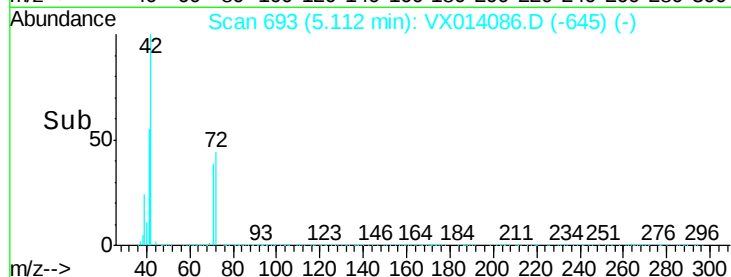
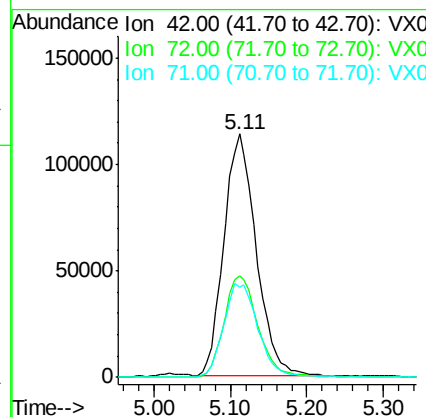
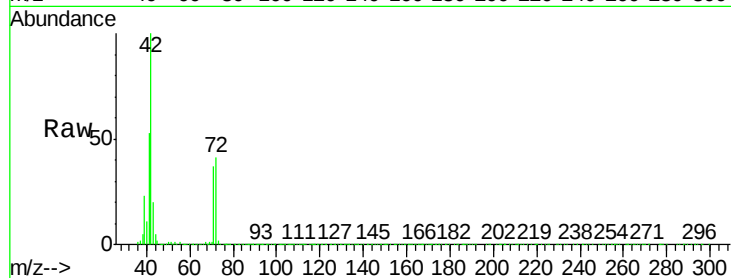
#29
Tetrahydrofuran
Concen: 106.042 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion:	42	Resp:	333147
Ion Ratio		Lower	Upper
42	100		
72	43.9	35.8	53.8
71	40.7	33.6	50.4

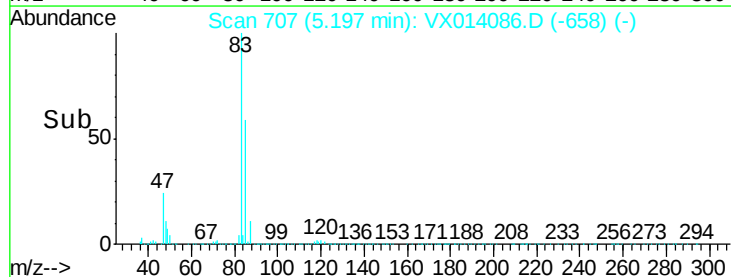
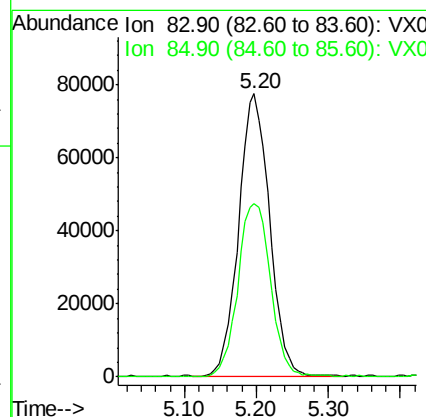
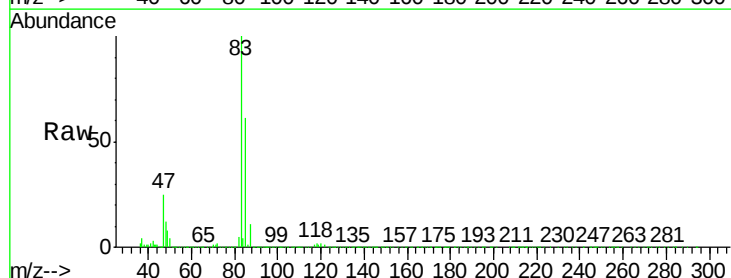
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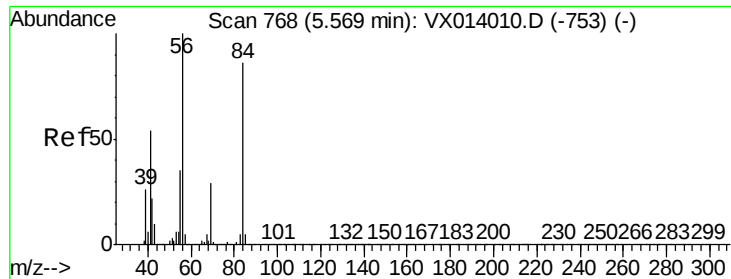
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#30
Chloroform
Concen: 20.576 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Tgt Ion:	83	Resp:	229972
Ion Ratio		Lower	Upper
83	100		
85	61.2	50.8	76.2





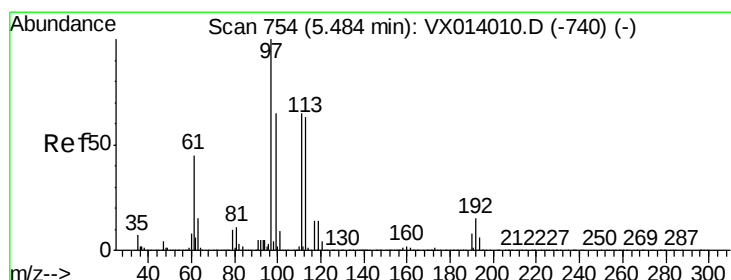
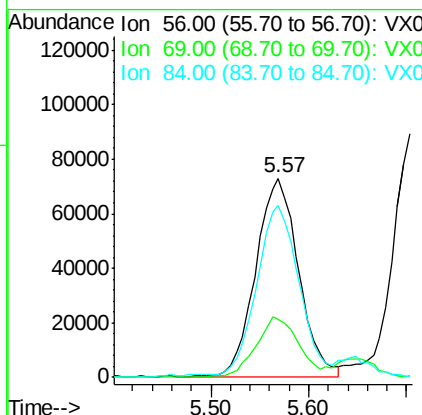
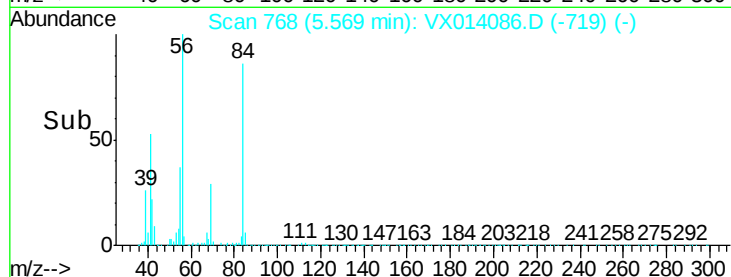
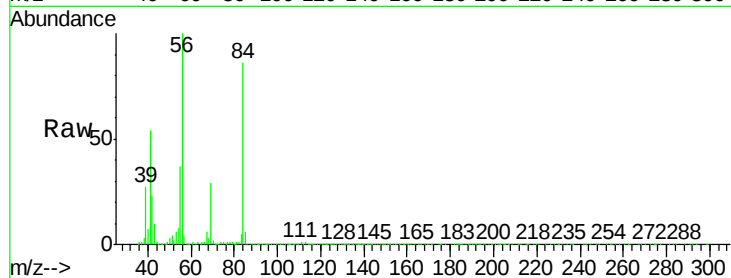
#31
Cyclohexane
Concen: 21.073 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.2	23.2	34.8
84	85.0	69.2	103.8

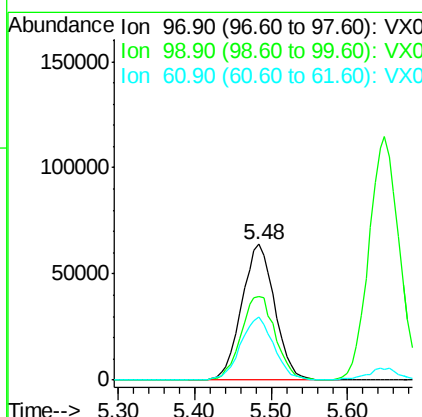
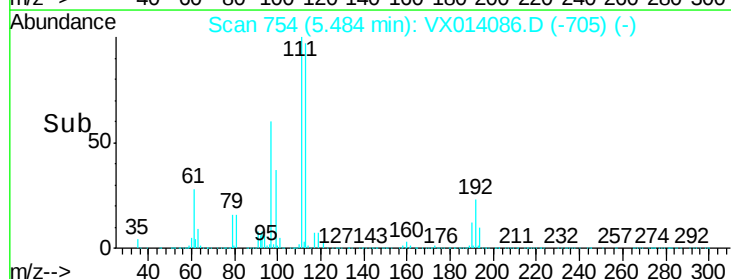
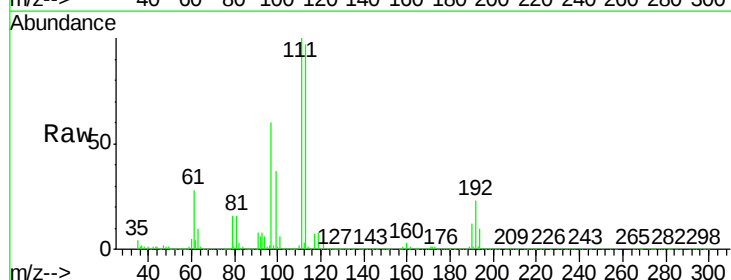
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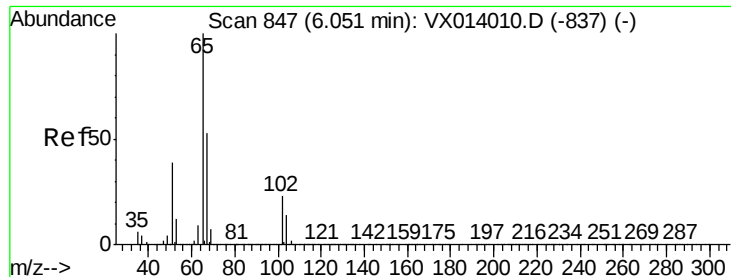
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#32
1,1,1-Trichloroethane
Concen: 20.053 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.0	78.0
61	46.6	36.7	55.1





#33

1,2-Dichloroethane-d4

Concen: 50.409 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 65 Resp: 353744

Ion Ratio Lower Upper

65 100

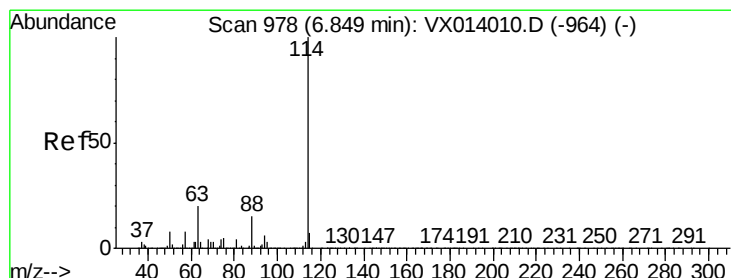
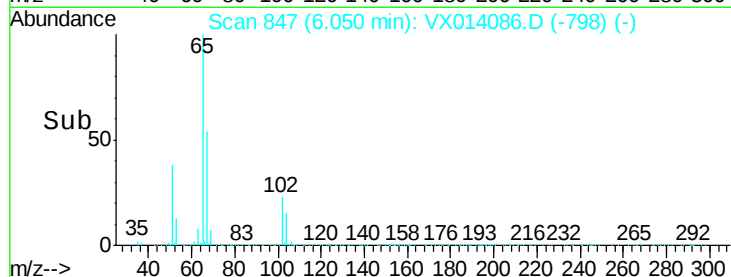
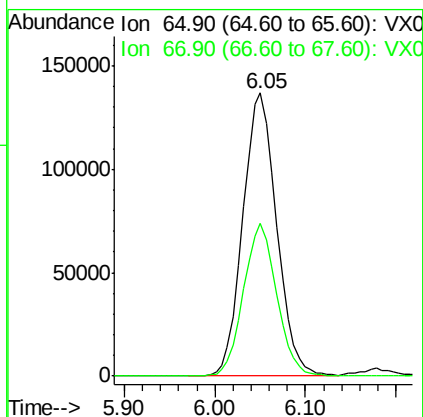
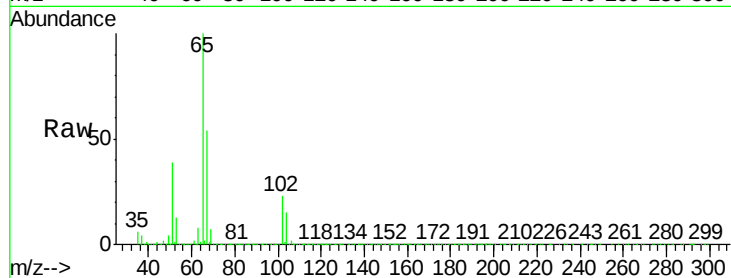
67 52.7 0.0 106.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

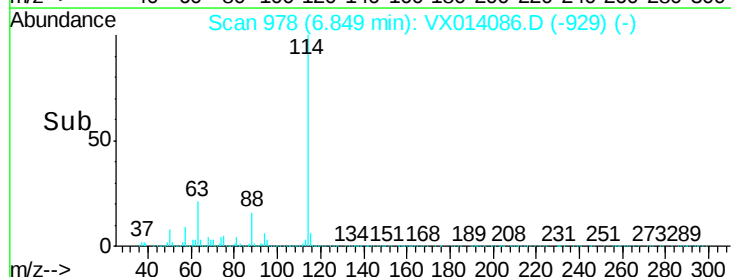
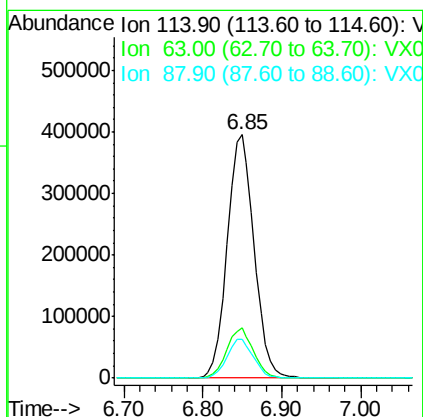
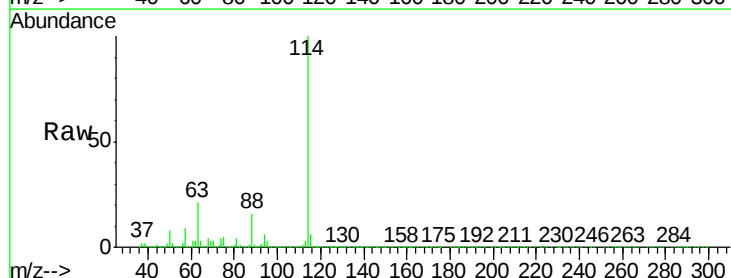
Tgt Ion: 114 Resp: 934844

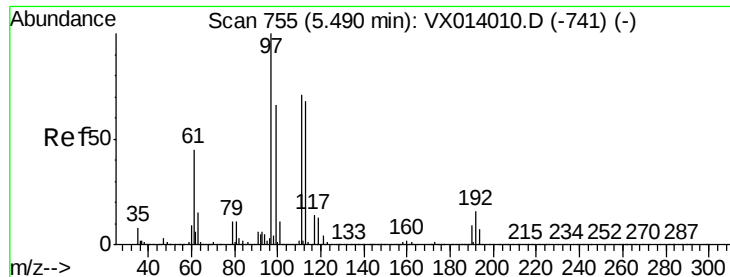
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 16.1 0.0 30.4





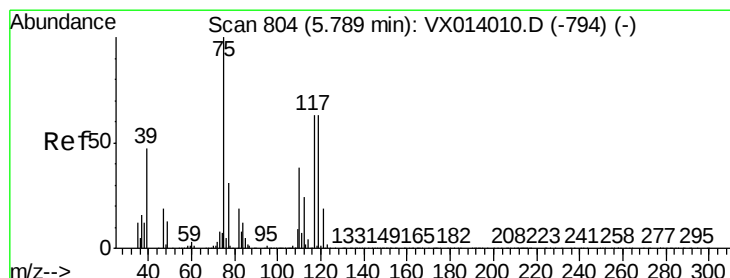
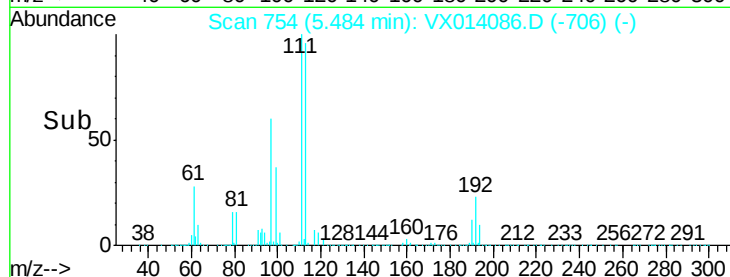
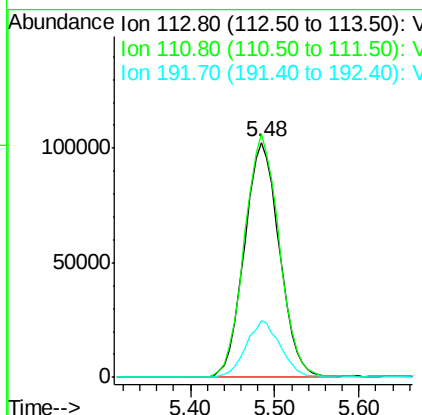
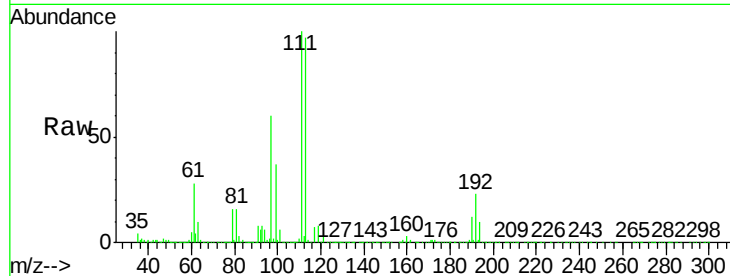
#35
 Dibromofluoromethane
 Concen: 50.994 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014086.D
 Acq: 18 Dec 2019 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	289791		
111	102.8	82.0	123.0	
192	23.6	19.3	28.9	

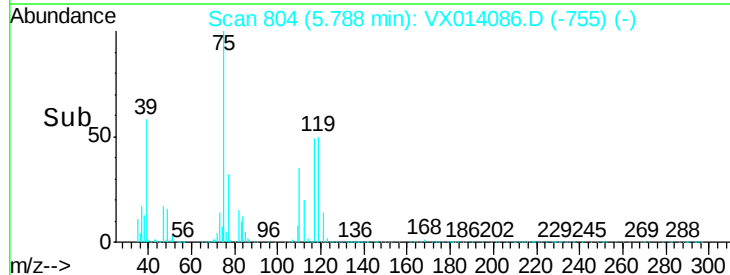
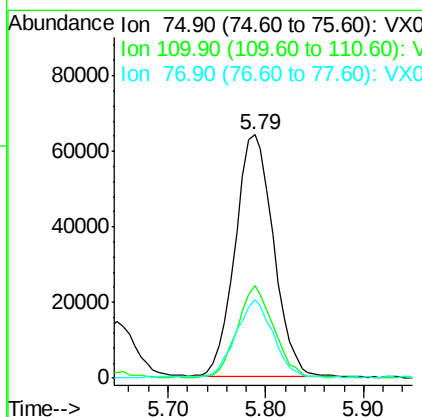
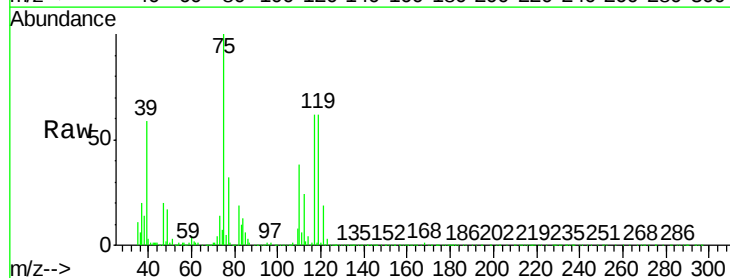
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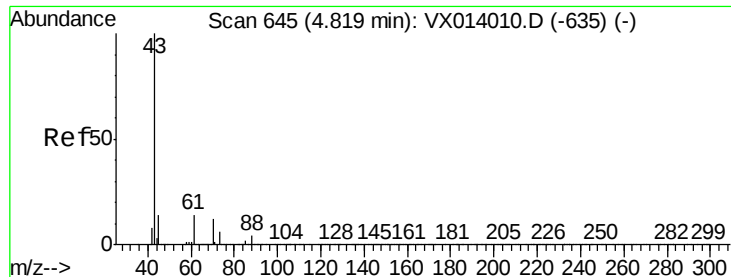
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#36
 1,1-Dichloropropene
 Concen: 20.490 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX014086.D
 Acq: 18 Dec 2019 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	175760		
110	36.1	18.3	54.9	
77	31.5	24.8	37.2	





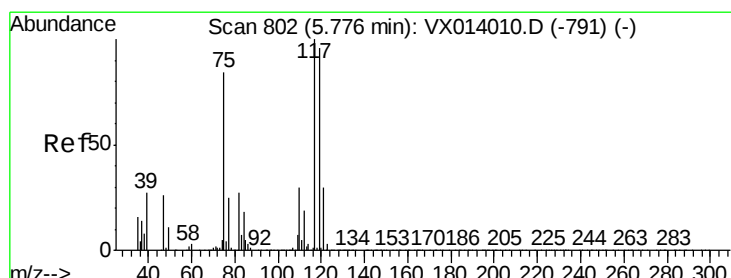
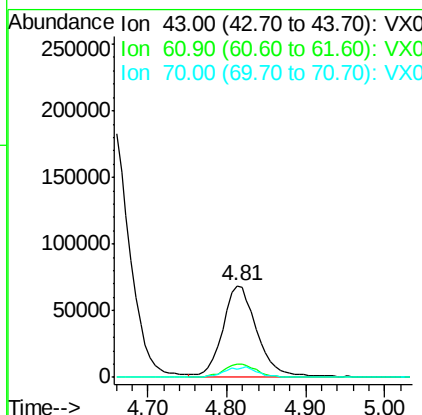
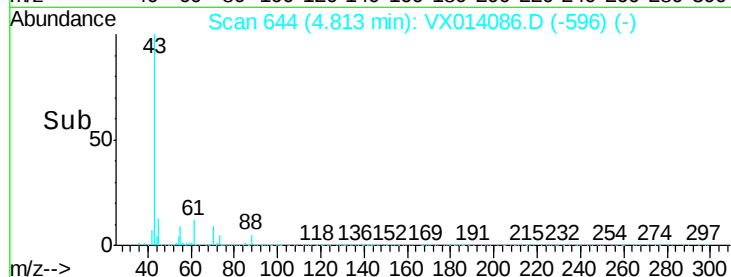
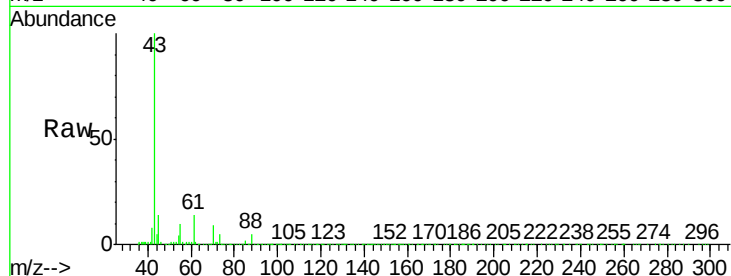
#37
Ethyl Acetate
Concen: 21.253 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	43	Resp	201314
Ion Ratio	Lower	Upper	
43	100		
61	13.4	10.8	16.2
70	10.7	8.6	12.8

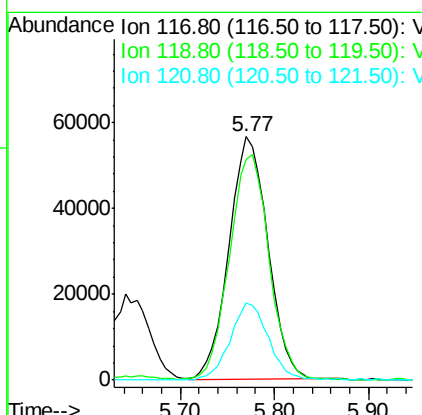
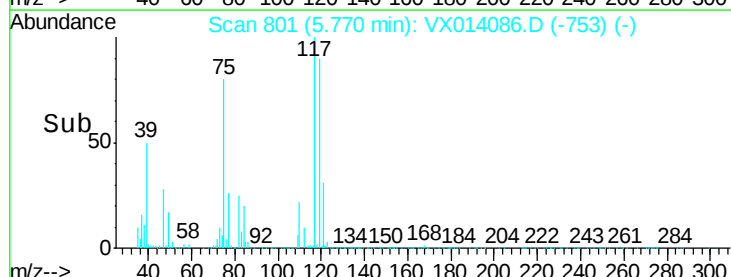
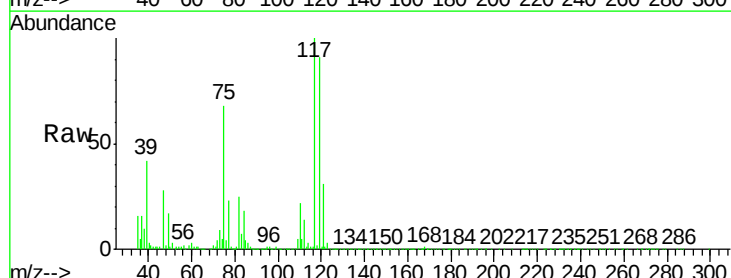
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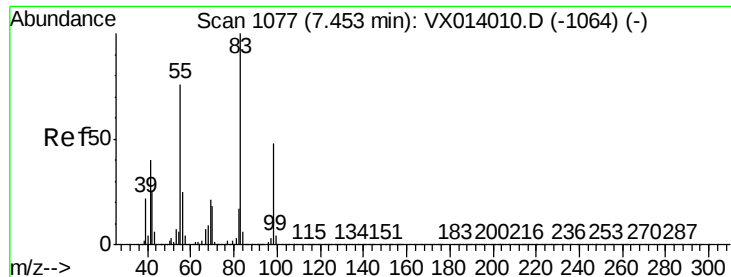
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#38
Carbon Tetrachloride
Concen: 20.908 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Tgt Ion	117	Resp	163380
Ion Ratio	Lower	Upper	
117	100		
119	90.9	76.2	114.4
121	31.2	23.6	35.4





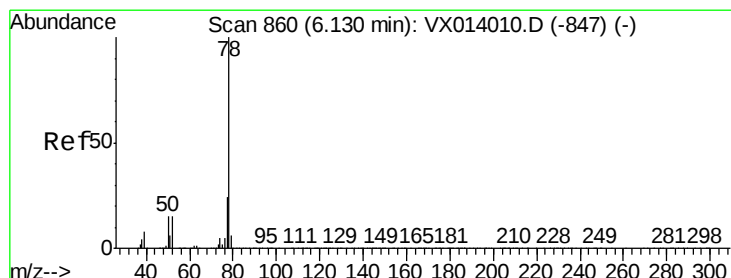
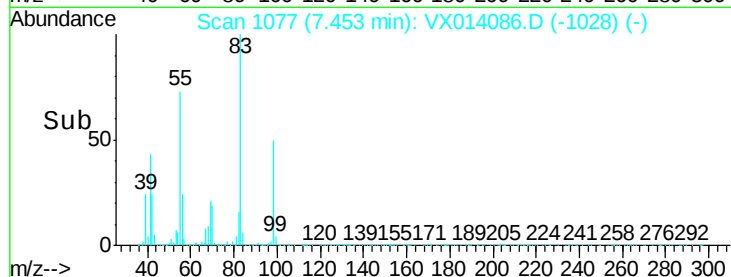
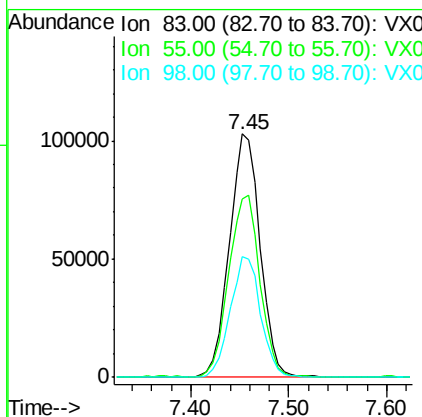
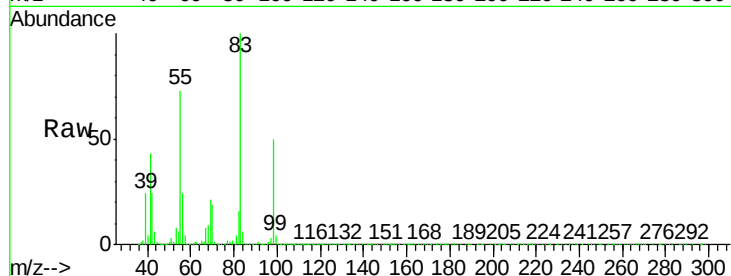
#39
Methvlcvclohexane
Concen: 21.072 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.1	61.0	91.6
98	49.8	38.6	57.8

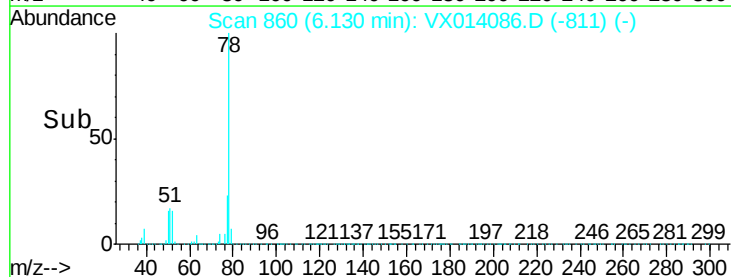
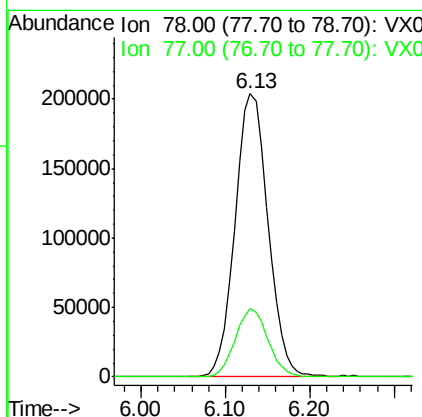
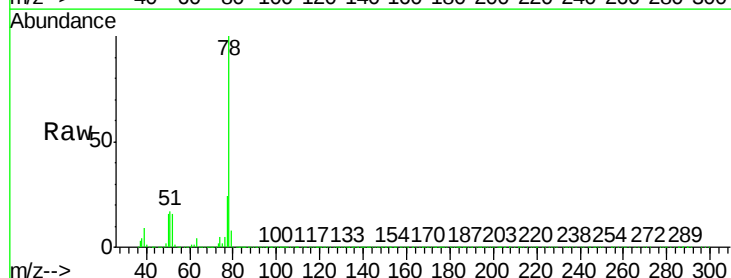
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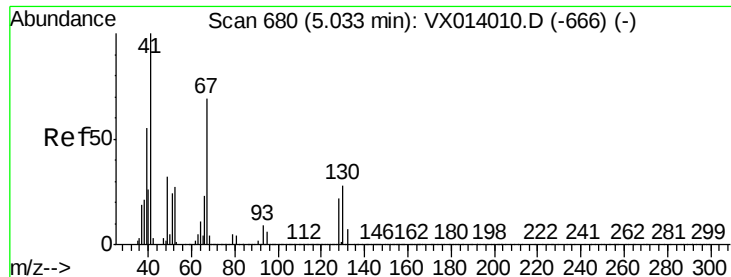
apatel
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#40
Benzene
Concen: 20.418 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.8	28.2





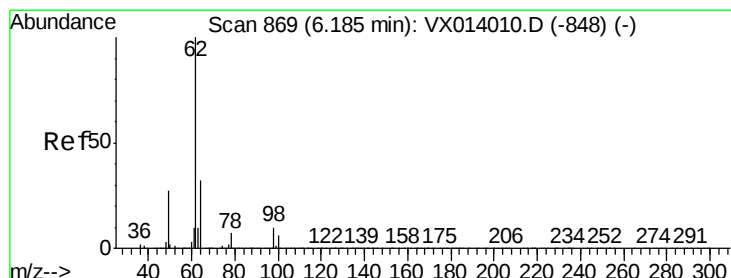
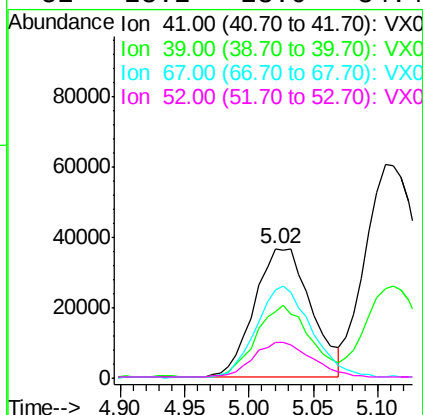
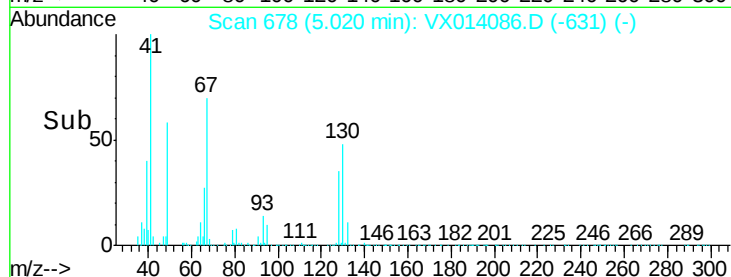
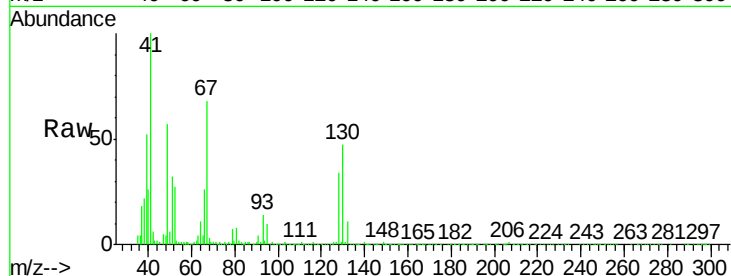
#41
Methacrylonitrile
Concen: 21.431 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		112634		
39	52.8	44.5	66.7		
67	68.3	57.4	86.0		
52	28.2	23.0	34.4		

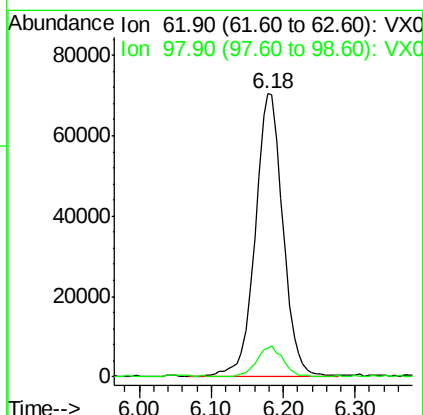
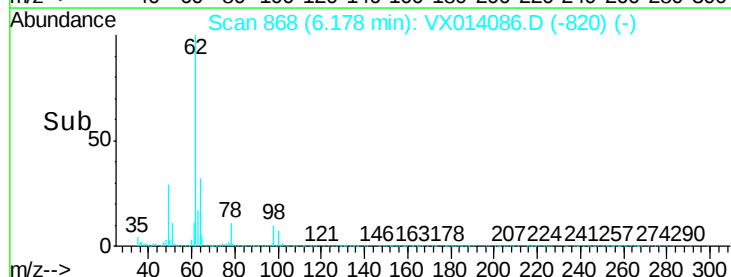
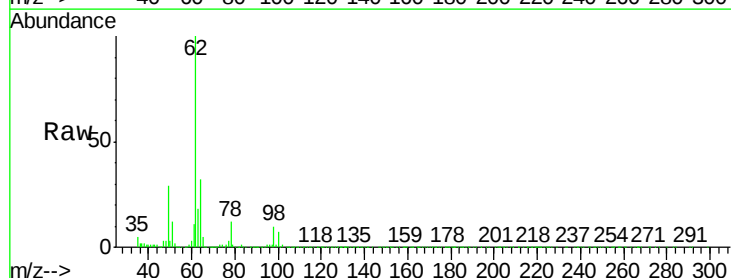
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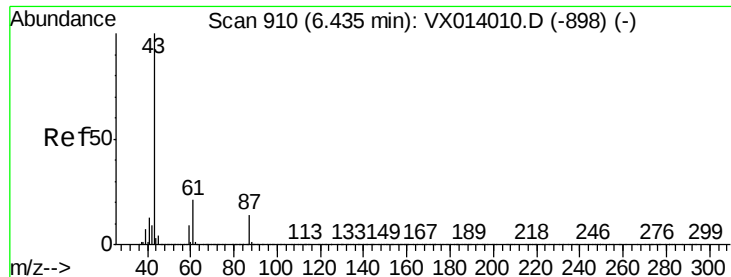
apatel
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#42
1,2-Dichloroethane
Concen: 21.165 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		189350		
98	10.4	0.0	21.0		





#43

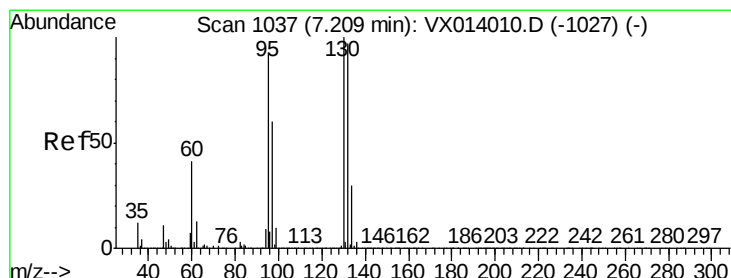
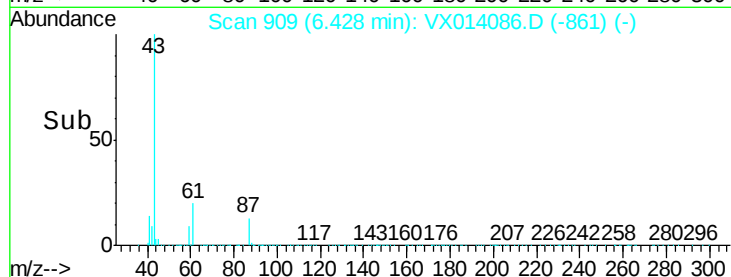
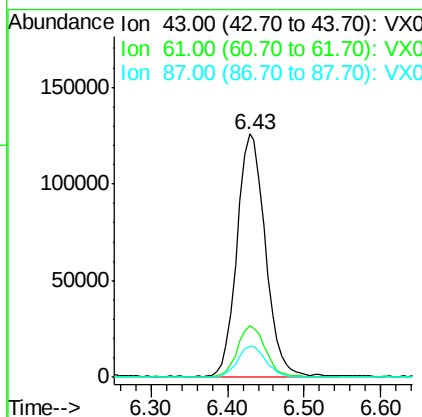
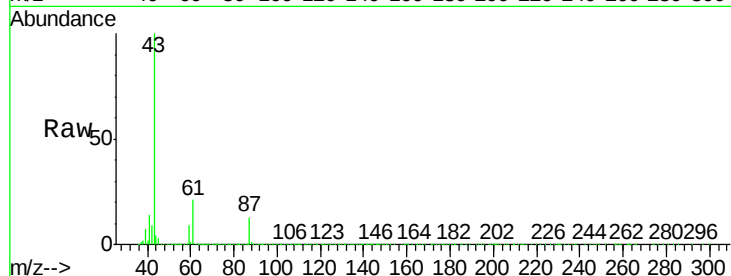
Isopropyl Acetate
 Concen: 20.582 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014086.D
 Acq: 18 Dec 2019 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.4	24.6
87	12.8	10.7	16.1

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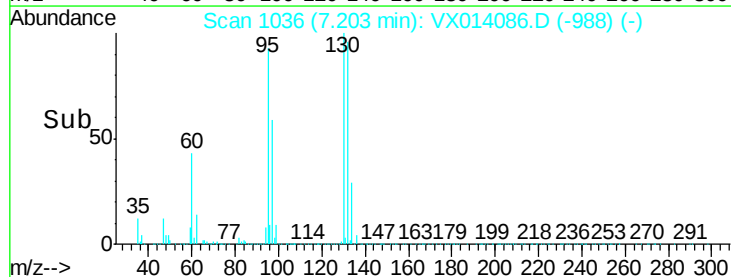
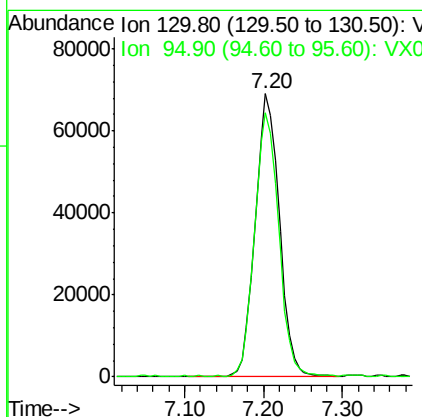
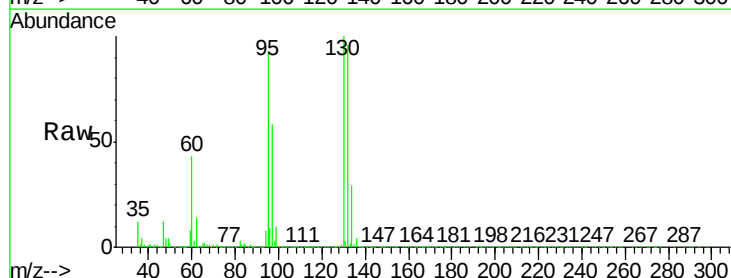
apatel
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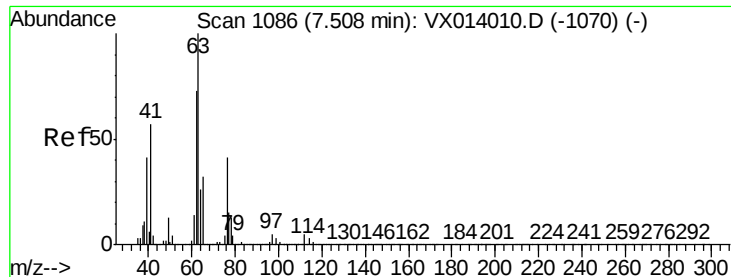


#44

Trichloroethene
 Concen: 20.326 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014086.D
 Acq: 18 Dec 2019 11:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	185.6





#45

1,2-Dichloropropane

Concen: 20.745 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 63 Resp: 140333

Ion Ratio Lower Upper

63 100

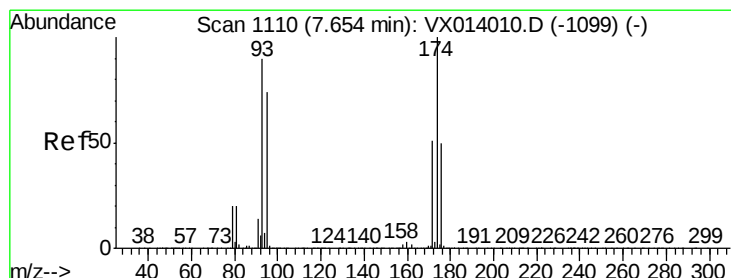
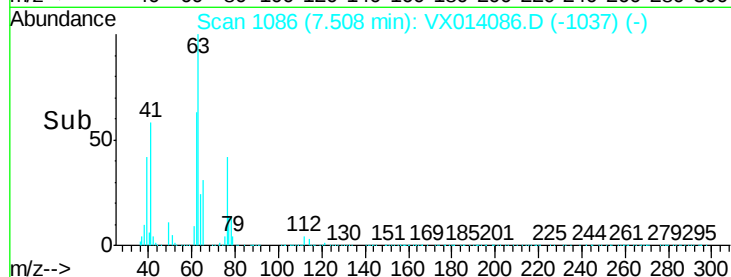
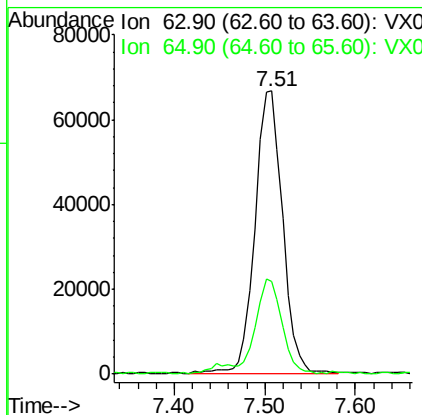
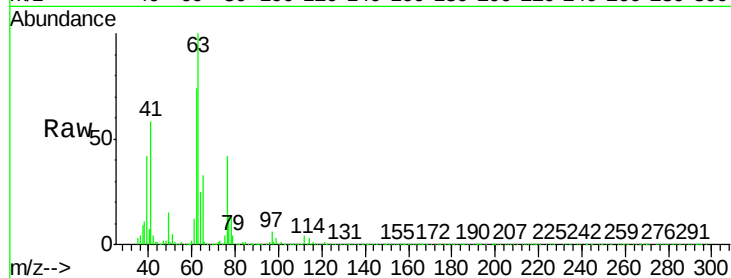
65 32.5 25.8 38.8

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#46

Dibromomethane

Concen: 20.085 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

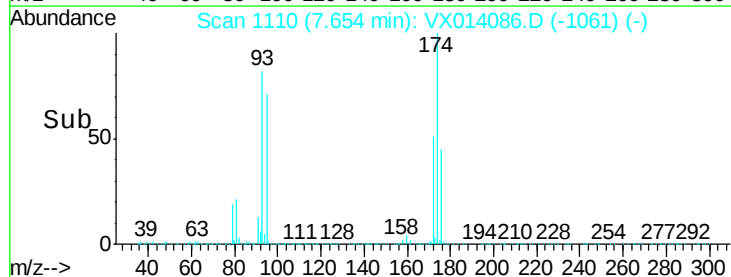
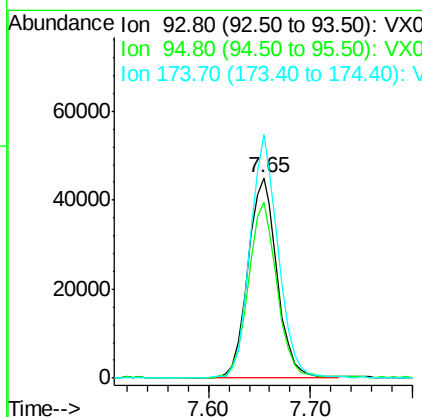
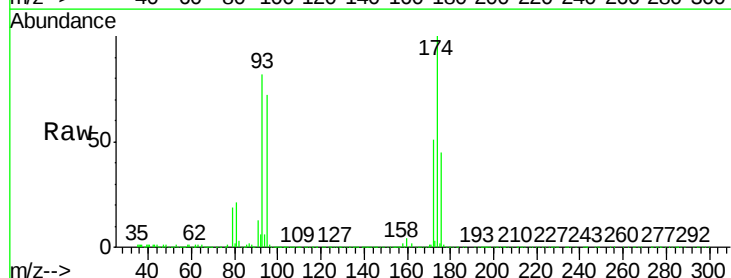
Tgt Ion: 93 Resp: 89829

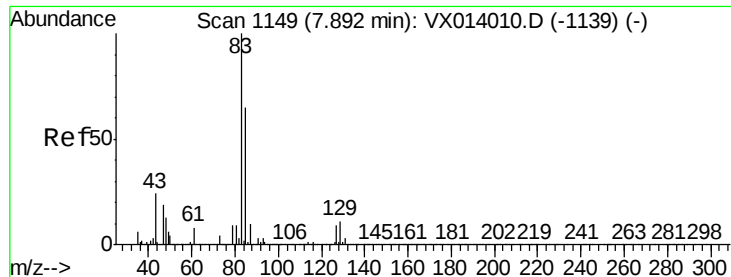
Ion Ratio Lower Upper

93 100

95 86.1 67.3 100.9

174 117.3 91.6 137.4





#47

Bromodichloromethane

Concen: 20.491 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

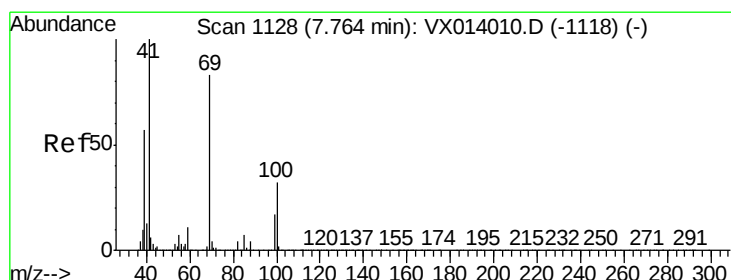
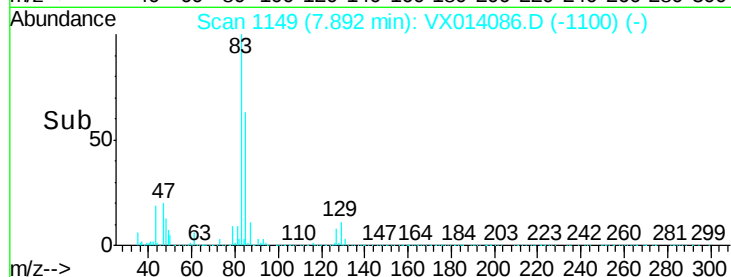
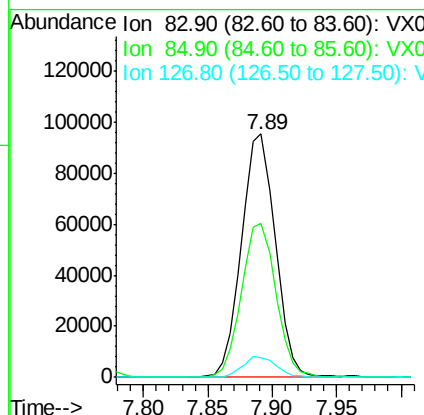
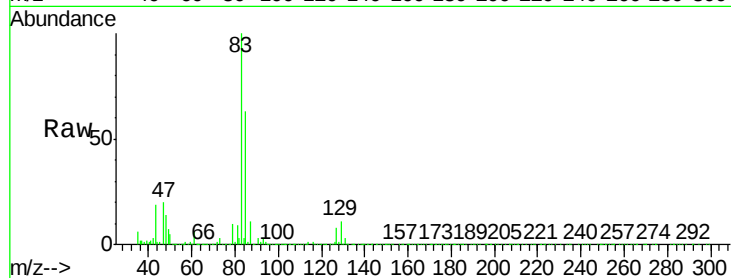
ClientSampleId :

VX1218WBS01

Tot Ion:	83	Resp:	172601
Ion Ratio	Lower	Upper	
83	100		
85	63.3	51.8	77.8
127	8.0	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.734 ug/l

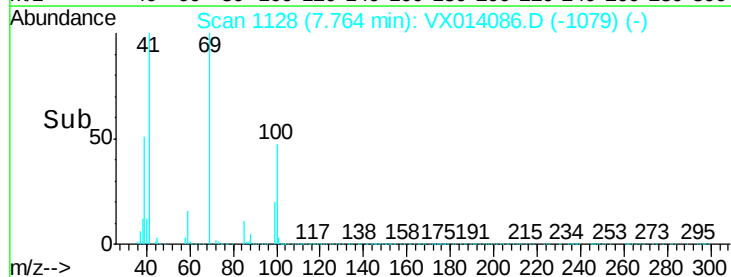
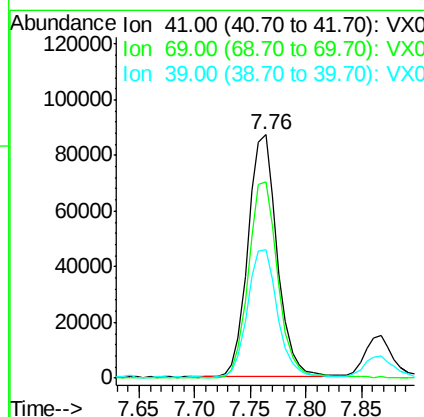
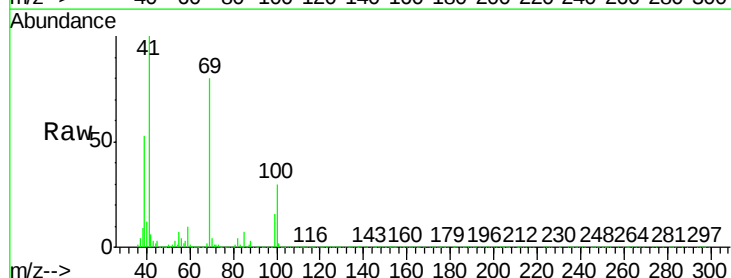
RT: 7.76 min Scan# 1128

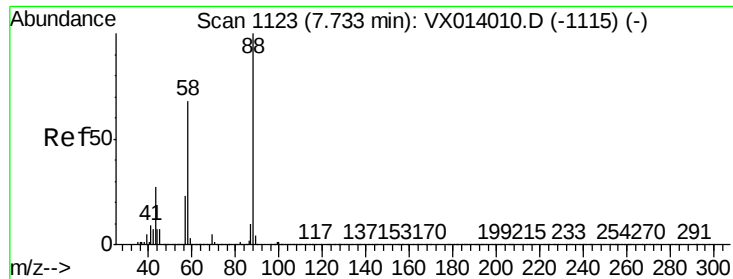
Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Tgt Ion:	41	Resp:	159154
Ion Ratio	Lower	Upper	
41	100		
69	80.2	65.8	98.6
39	54.0	44.6	67.0





#49

1,4-Dioxane

Concen: 409.112 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

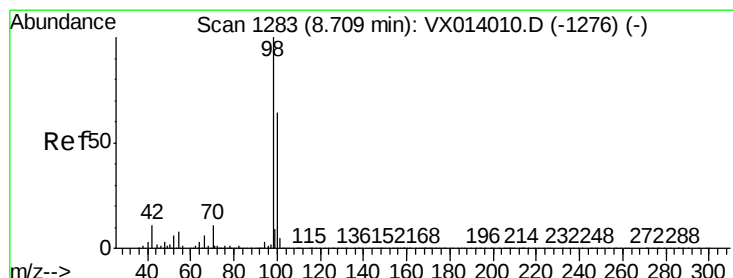
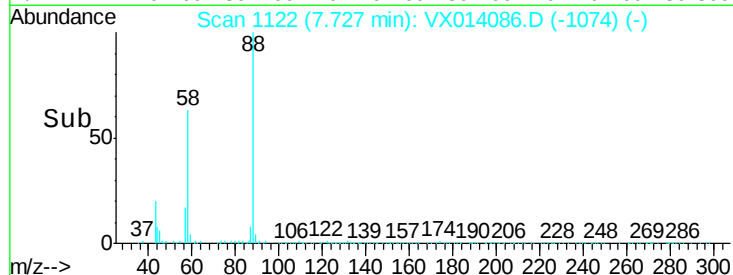
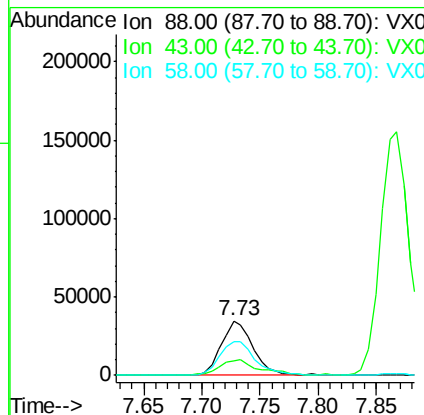
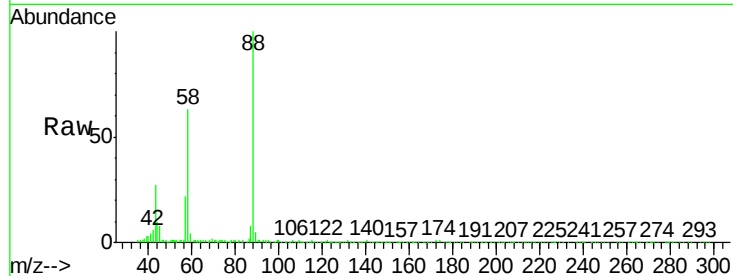
ClientSampleId :

VX1218WBS01

Tot Ion:	88	Resp:	63908
Ion Ratio	Lower	Upper	
88	100		
43	37.3	26.5	39.7
58	70.0	56.8	85.2

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#50

Toluene-d8

Concen: 51.068 ug/l

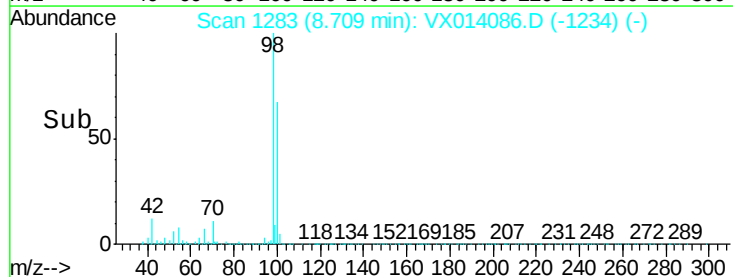
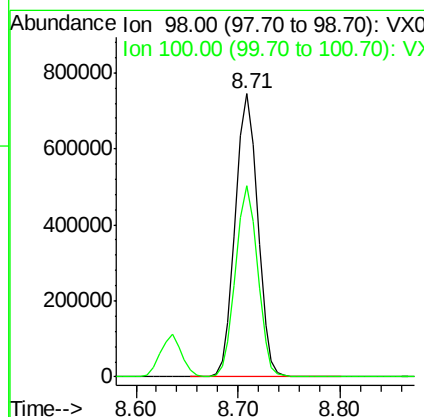
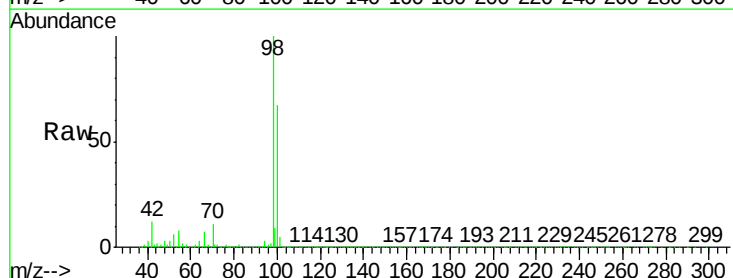
RT: 8.71 min Scan# 1283

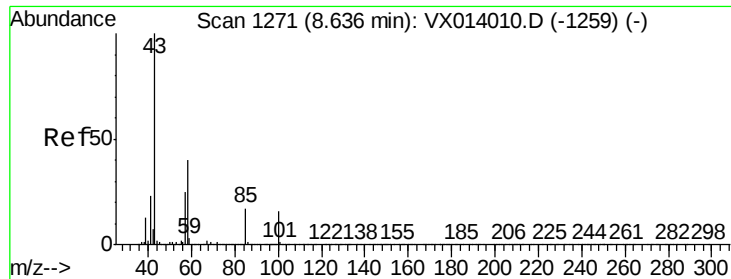
Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Tgt Ion:	98	Resp:	1129853
Ion Ratio	Lower	Upper	
98	100		
100	66.8	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 104.514 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 43 Resp: 1028924

Ion Ratio Lower Upper

43 100

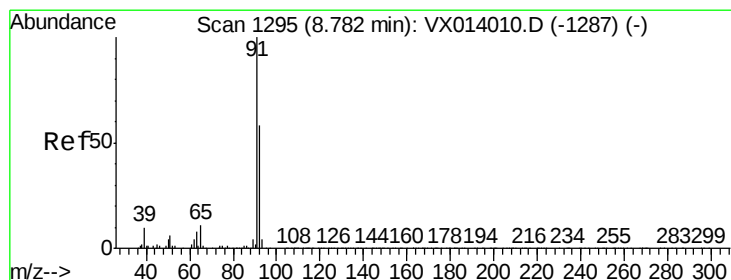
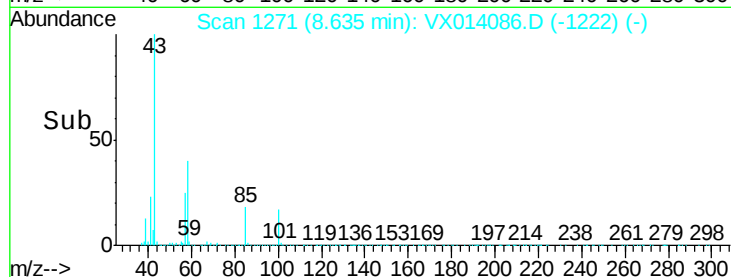
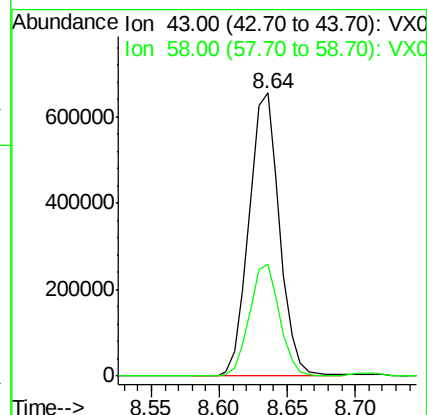
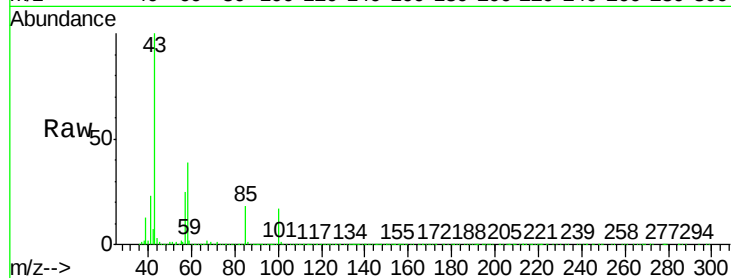
58 39.1 32.2 48.2

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#52

Toluene

Concen: 20.299 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014086.D

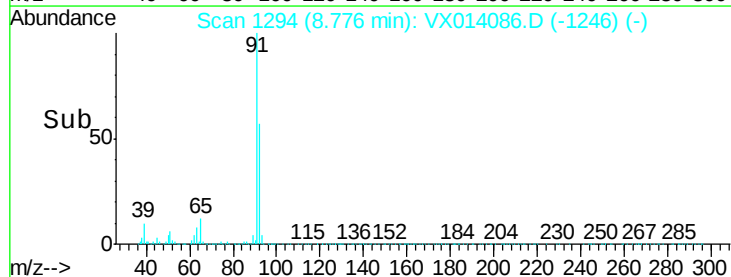
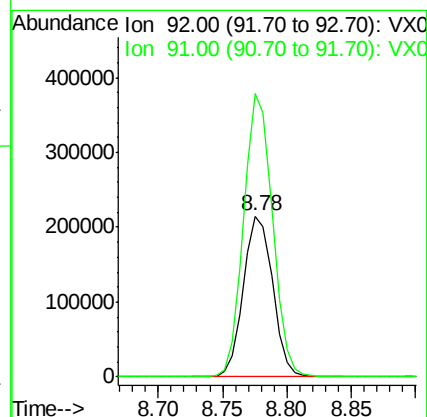
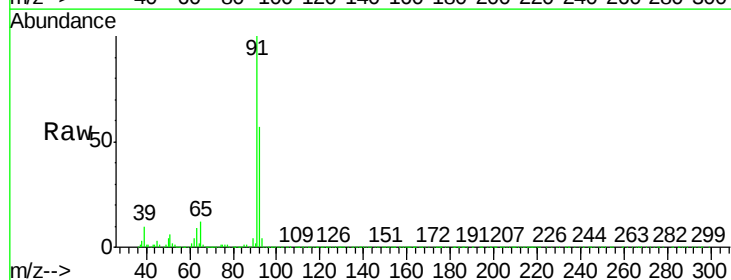
Acq: 18 Dec 2019 11:02

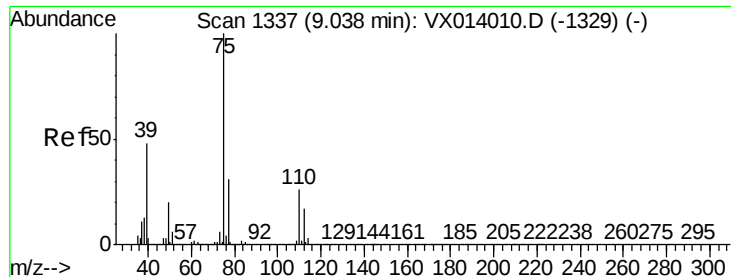
Tgt Ion: 92 Resp: 338634

Ion Ratio Lower Upper

92 100

91 173.0 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 20.680 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 75 Resp: 191001

Ion Ratio Lower Upper

75 100

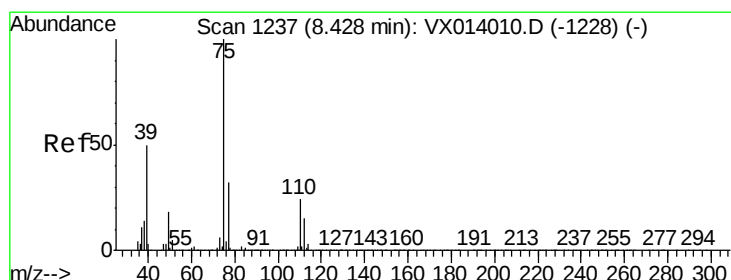
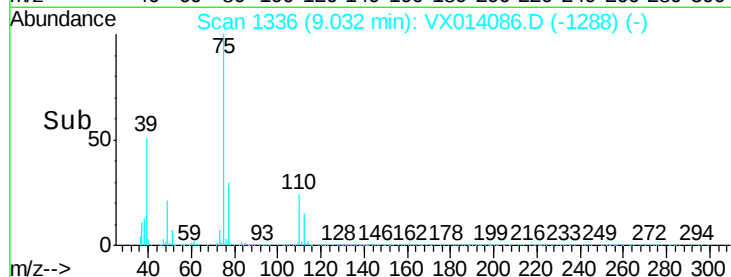
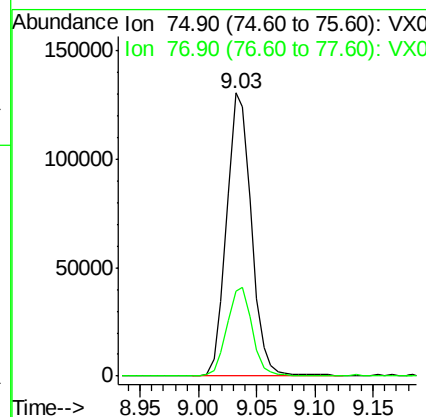
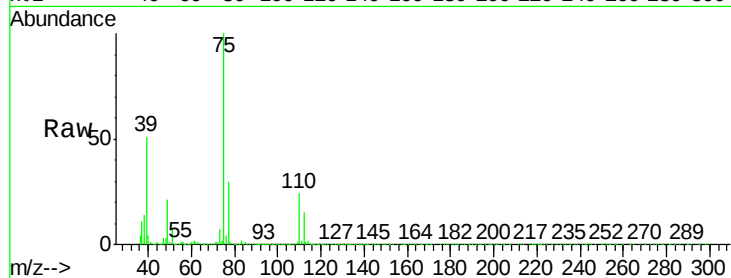
77 30.0 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 21.348 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

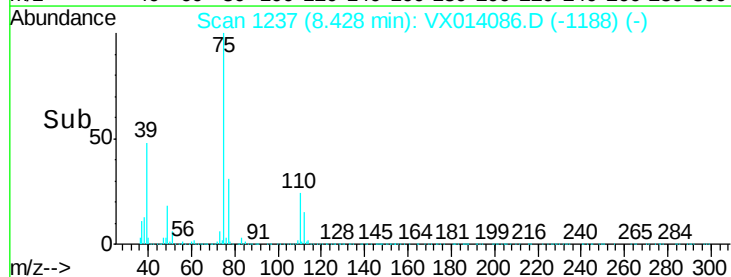
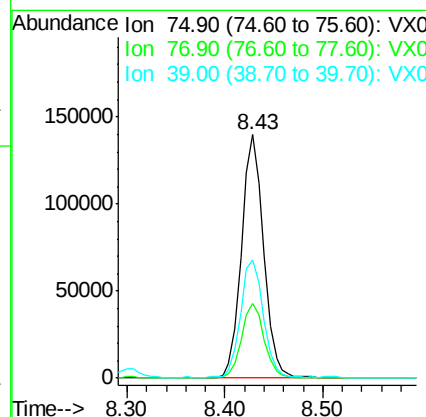
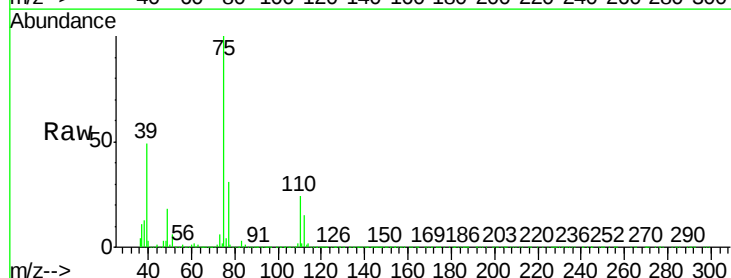
Tgt Ion: 75 Resp: 219663

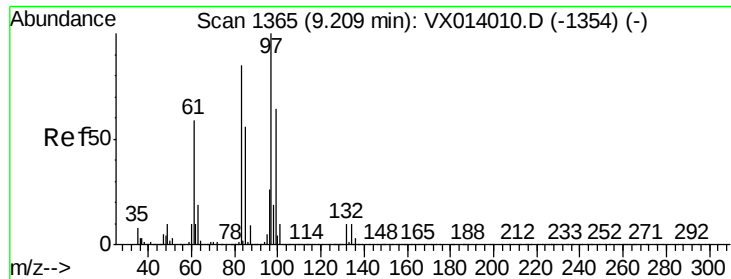
Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9

39 48.4 39.9 59.9





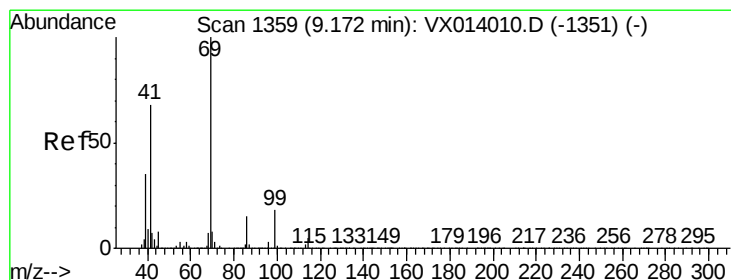
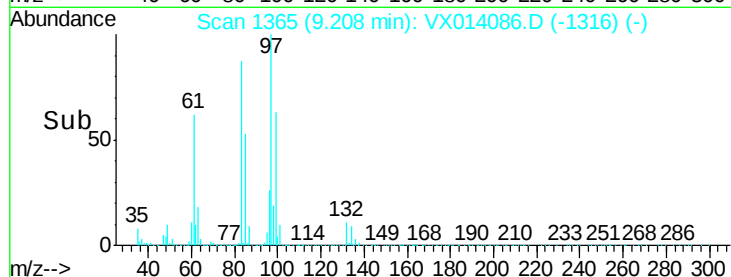
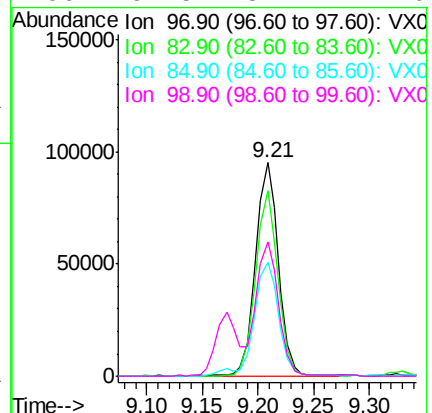
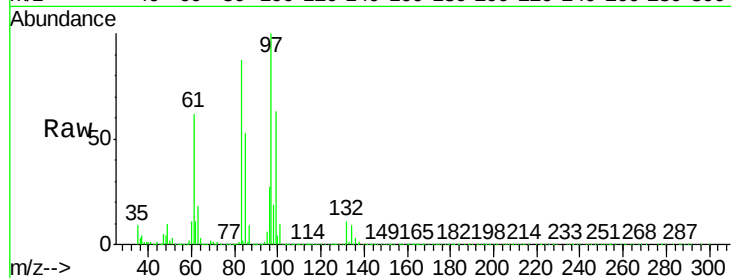
#55
 1,1,2-Trichloroethane
 Concen: 20.580 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014086.D
 Acq: 18 Dec 2019 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		137596		
83	86.6	68.2	102.4		
85	53.4	44.6	66.8		
99	62.5	51.4	77.0		

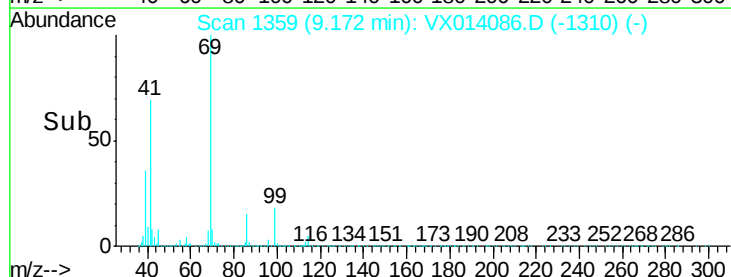
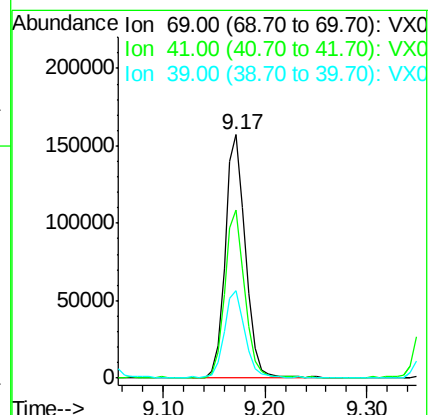
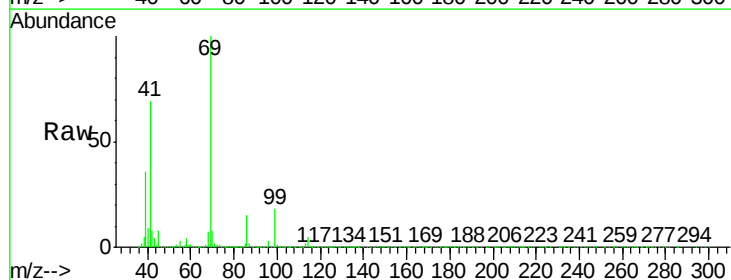
Manual Integrations
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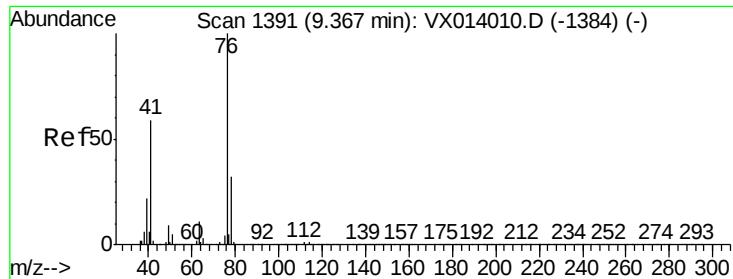
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#56
 Ethyl methacrylate
 Concen: 20.601 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014086.D
 Acq: 18 Dec 2019 11:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		216360		
41	68.6	54.8	82.2		
39	36.5	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 20.983 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 76 Resp: 236040

Ion Ratio Lower Upper

76 100

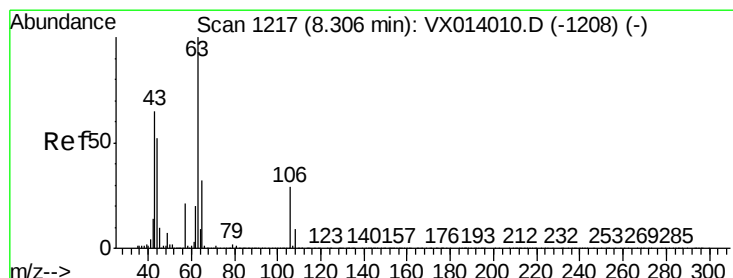
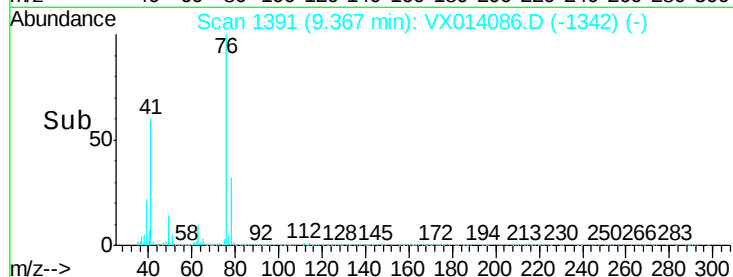
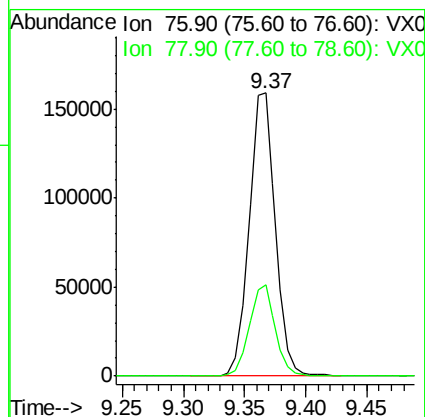
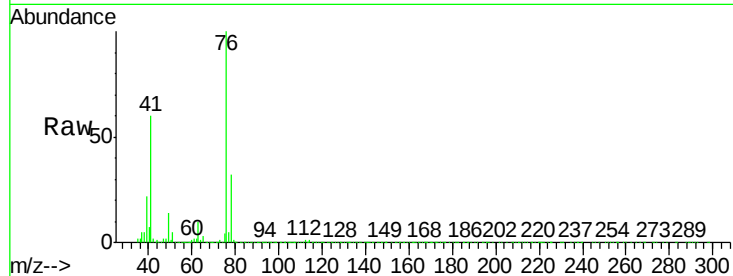
78 31.6 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 102.269 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX014086.D

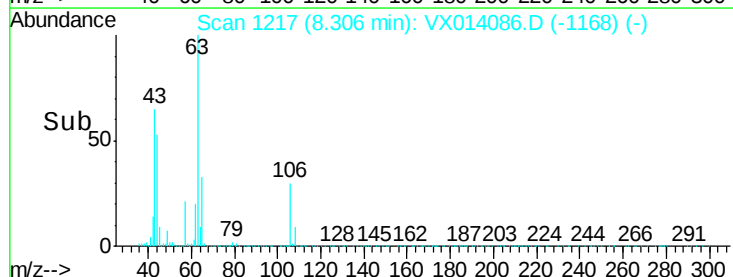
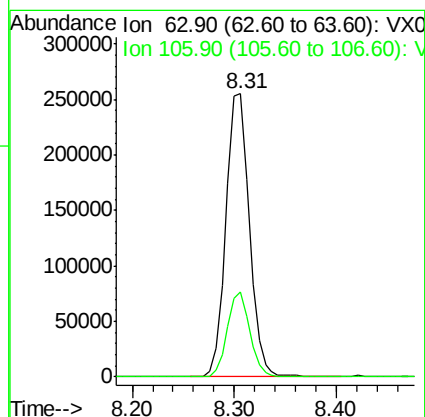
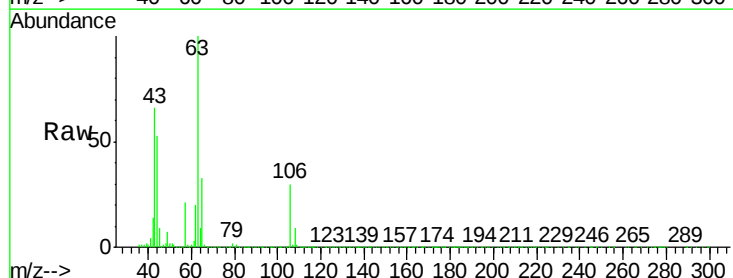
Acq: 18 Dec 2019 11:02

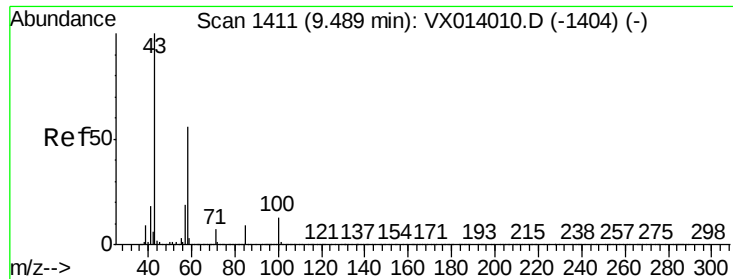
Tgt Ion: 63 Resp: 406473

Ion Ratio Lower Upper

63 100

106 28.8 23.0 34.6





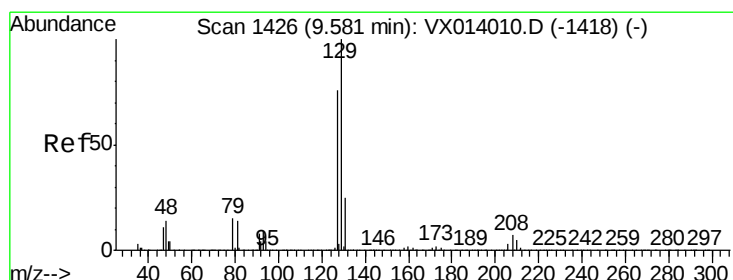
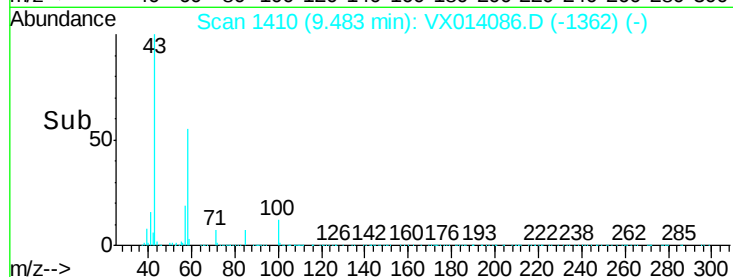
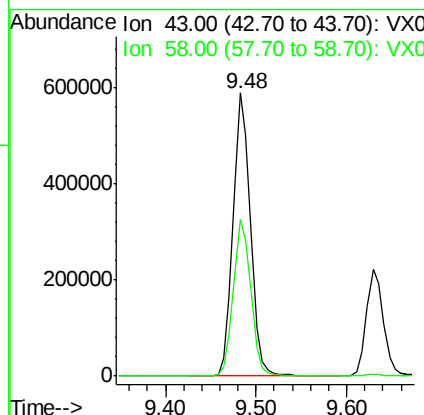
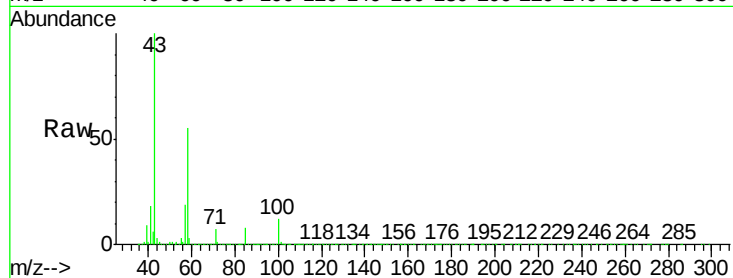
#59
2-Hexanone
Concen: 99.109 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.7	28.0	84.0

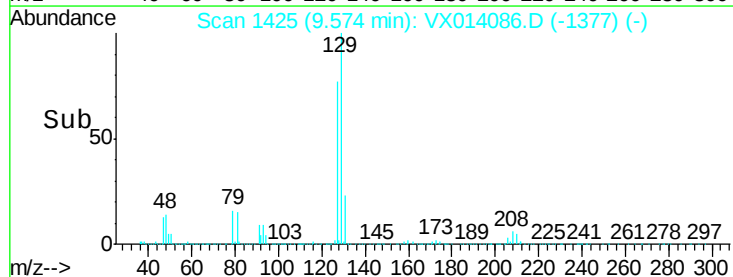
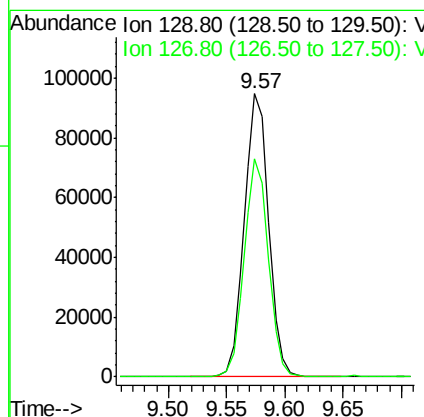
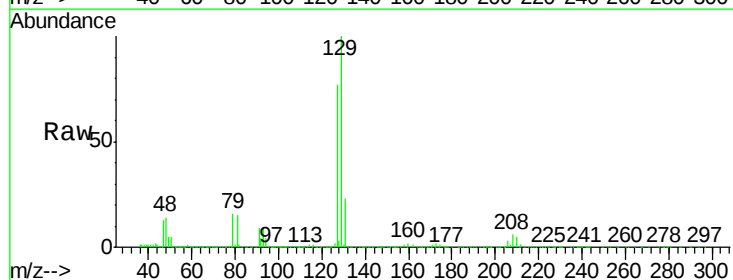
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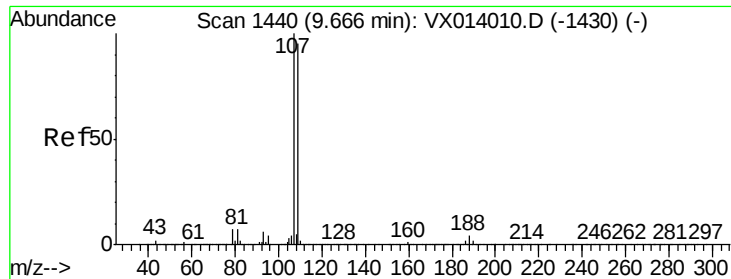
apatel
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#60
Dibromochloromethane
Concen: 20.874 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.4	115.2





#61

1,2-Dibromoethane

Concen: 20.791 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 107 Resp: 142228

Ion Ratio Lower Upper

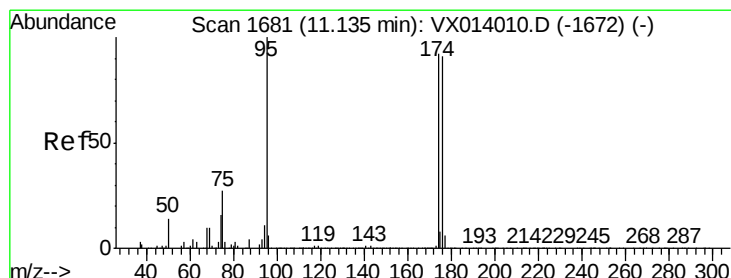
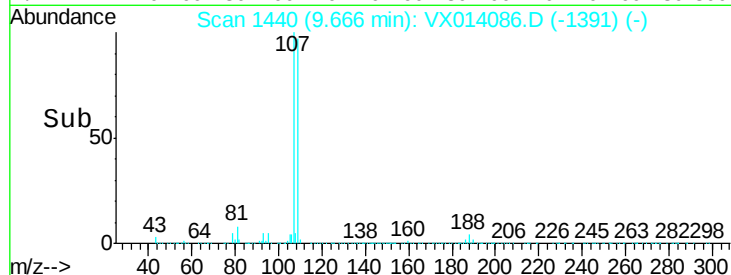
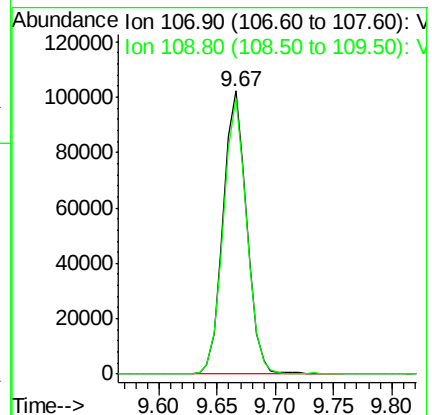
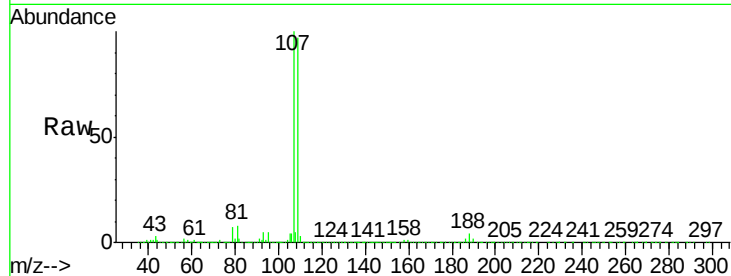
107 100

109 96.7 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 49.911 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

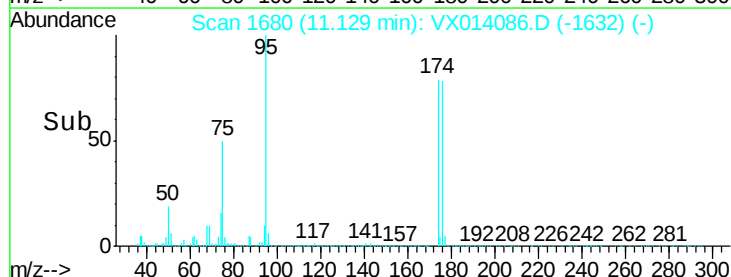
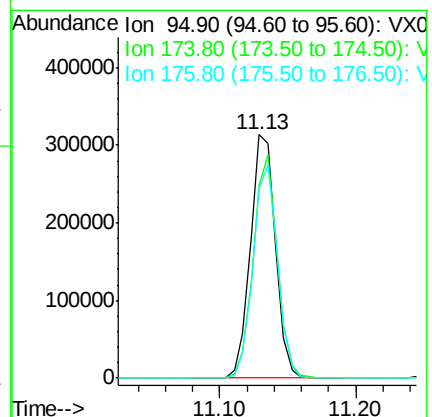
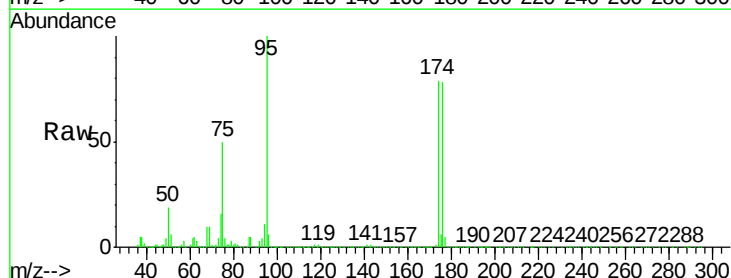
Tgt Ion: 95 Resp: 403656

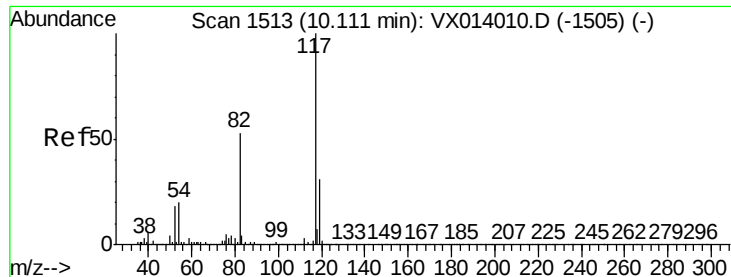
Ion Ratio Lower Upper

95 100

174 88.4 0.0 175.8

176 85.8 0.0 173.0





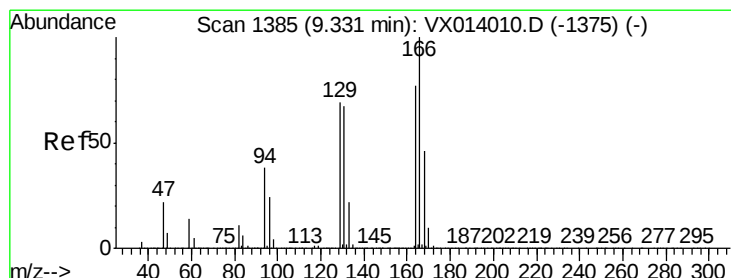
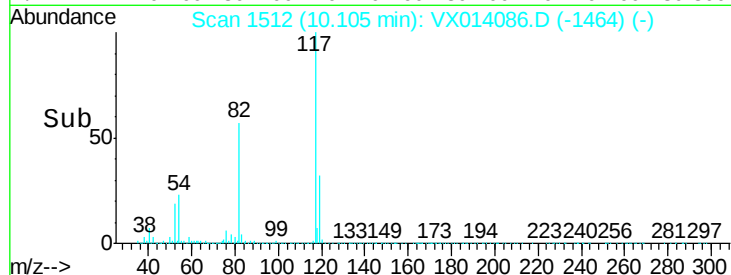
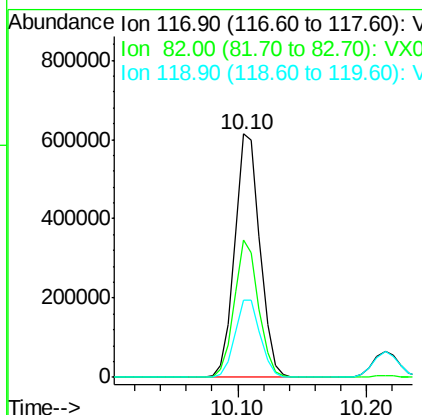
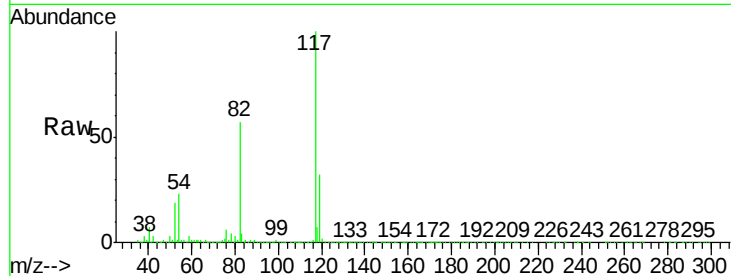
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	56.6	42.2	63.4
119	31.6	25.1	37.7

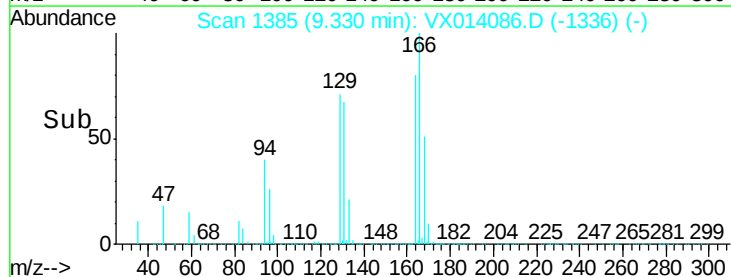
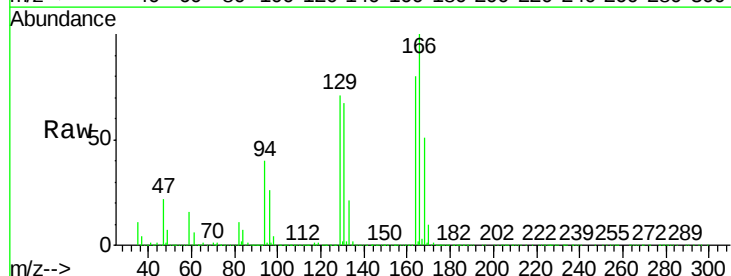
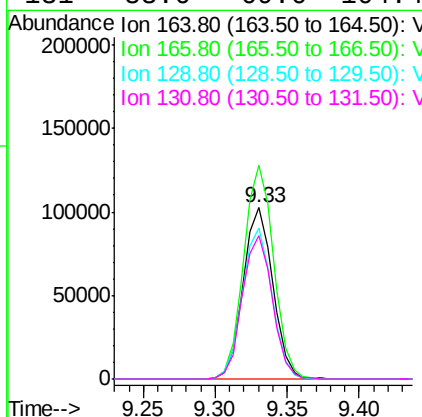
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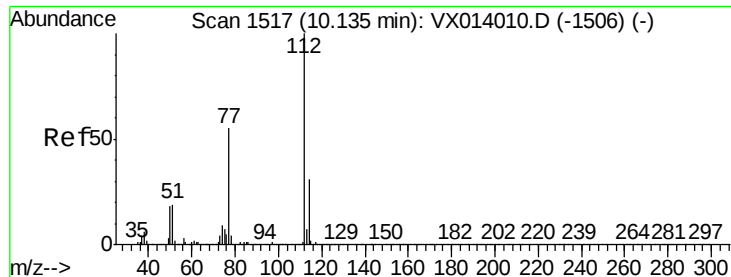
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#64
Tetrachloroethene
Concen: 19.692 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	124.4	104.0	156.0
129	88.2	72.2	108.4
131	83.6	69.6	104.4





#65

Chlorobenzene

Concen: 20.411 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion:112 Resp: 362754

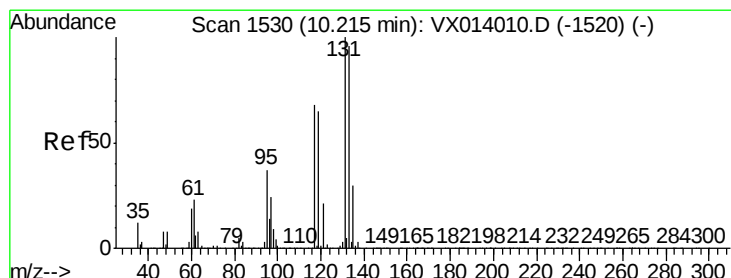
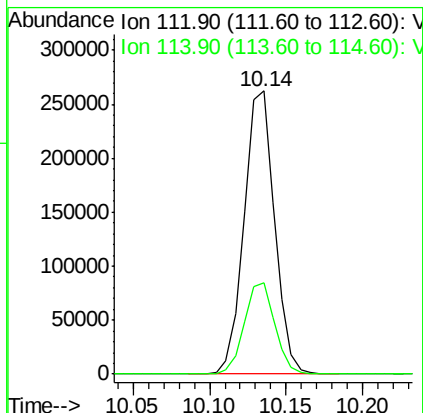
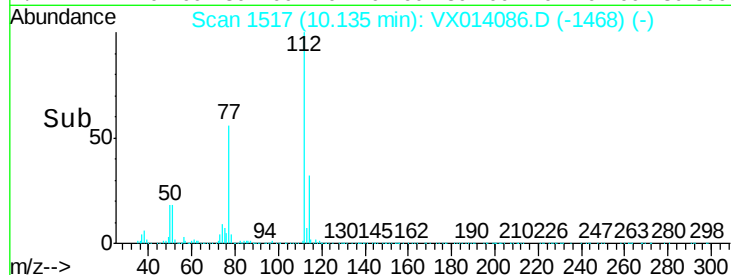
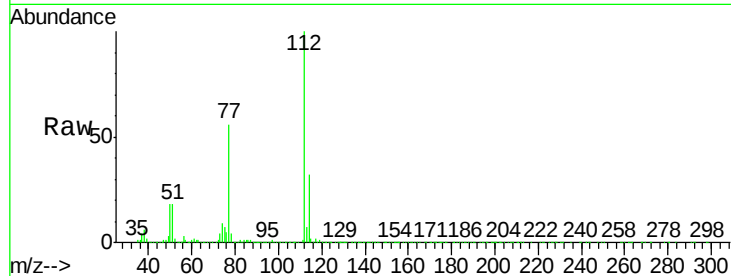
Ion Ratio Lower Upper

112 100

114 32.3 24.9 37.3

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.798 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

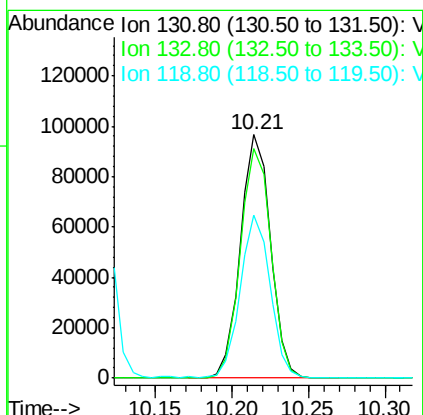
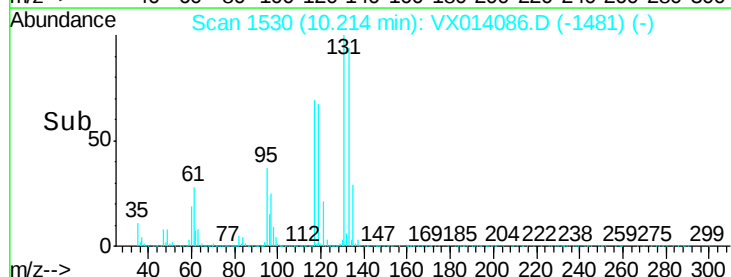
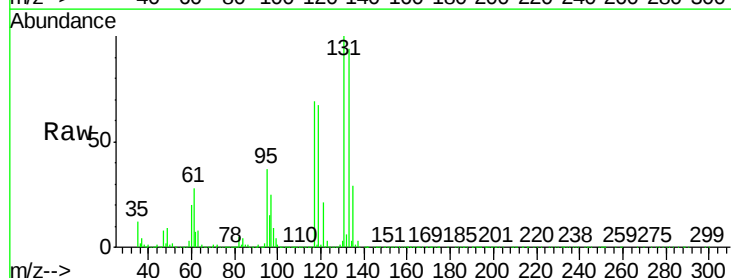
Tgt Ion:131 Resp: 131977

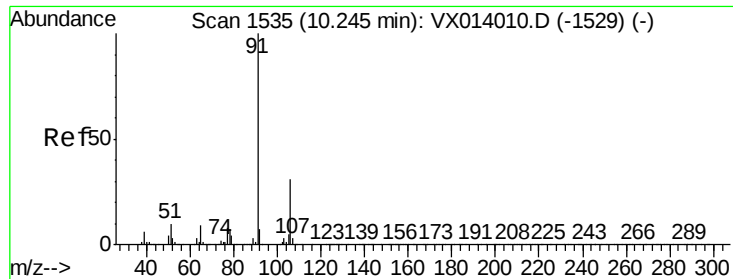
Ion Ratio Lower Upper

131 100

133 95.7 48.0 144.0

119 66.2 33.4 100.2





#67

Ethyl Benzene

Concen: 20.985 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 91 Resp: 641197

Ion Ratio Lower Upper

91 100

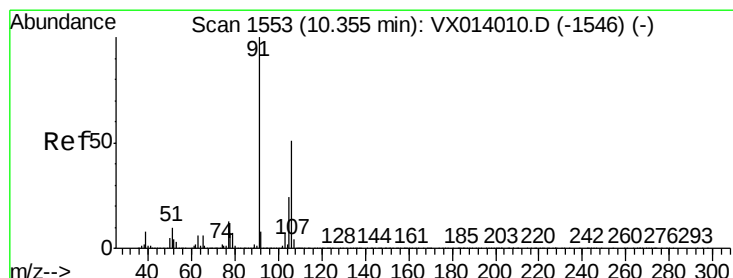
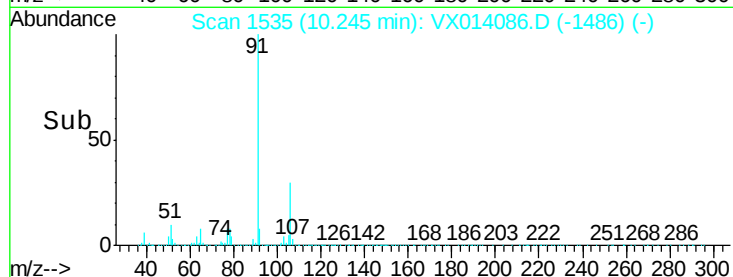
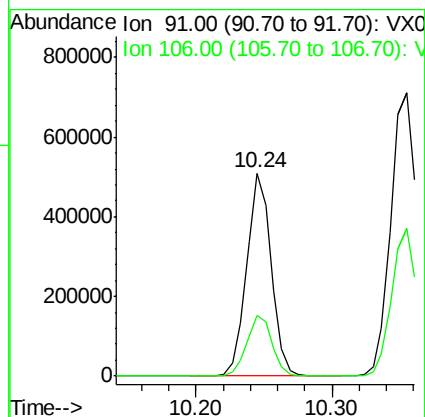
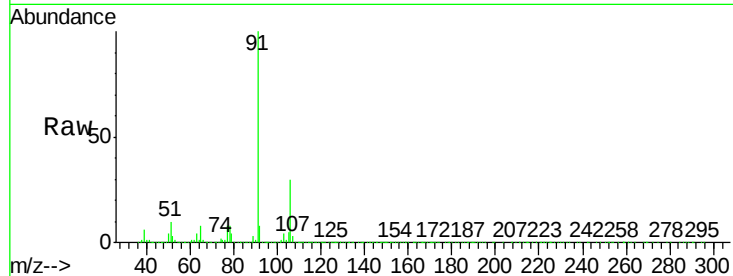
106 30.1 25.0 37.6

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#68

m/p-Xylenes

Concen: 41.590 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014086.D

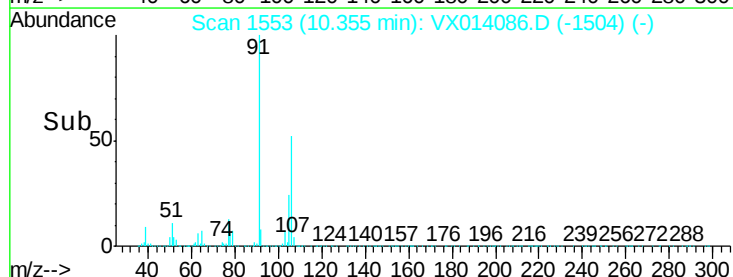
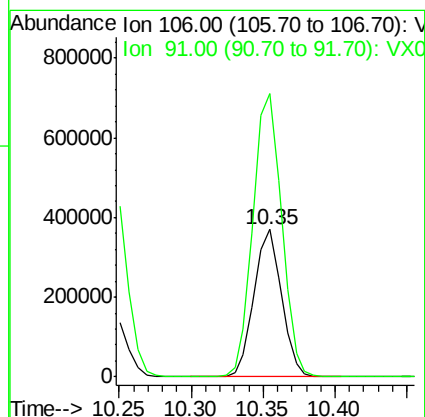
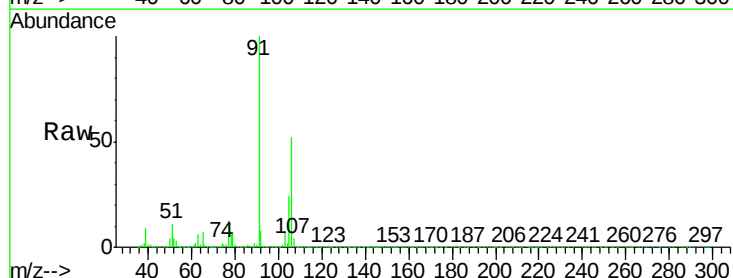
Acq: 18 Dec 2019 11:02

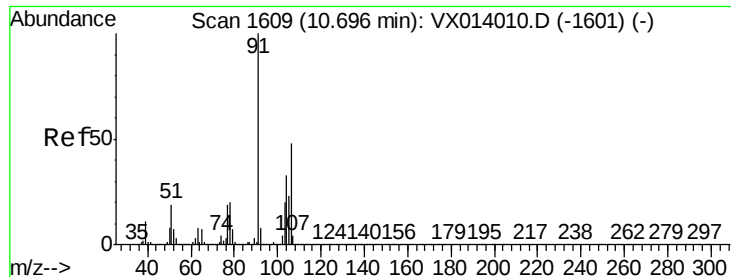
Tgt Ion: 106 Resp: 488755

Ion Ratio Lower Upper

106 100

91 199.8 158.6 238.0





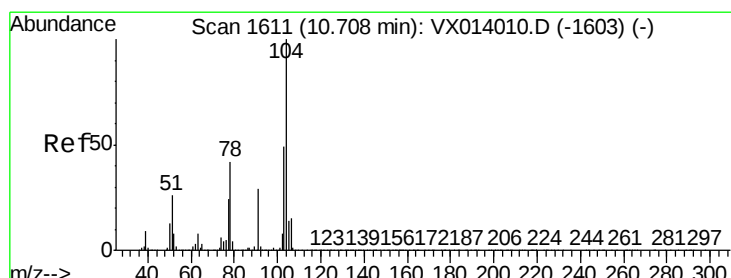
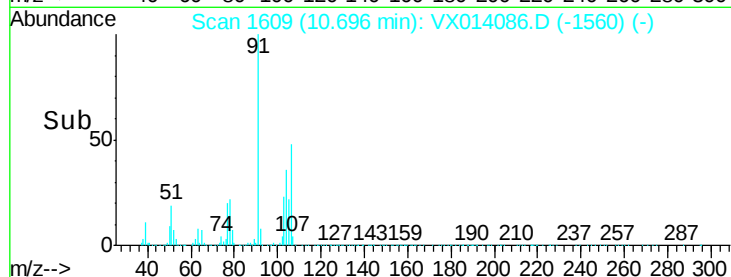
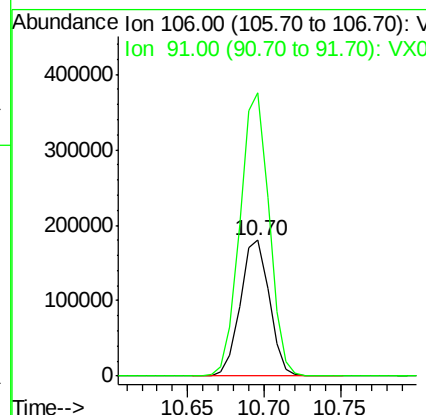
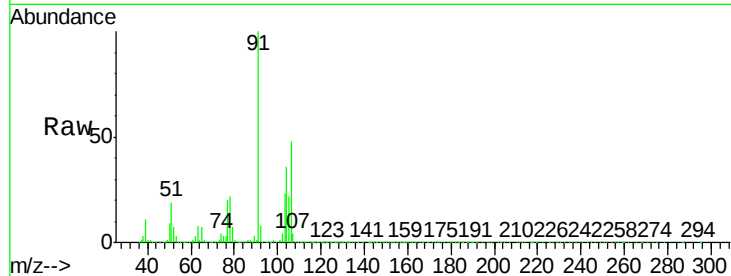
#69
o-Xylene
Concen: 20.505 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.5	104.2	312.6

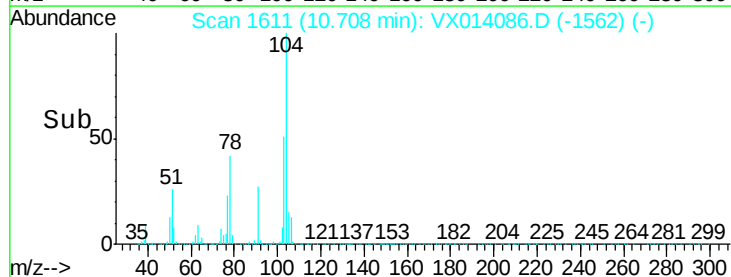
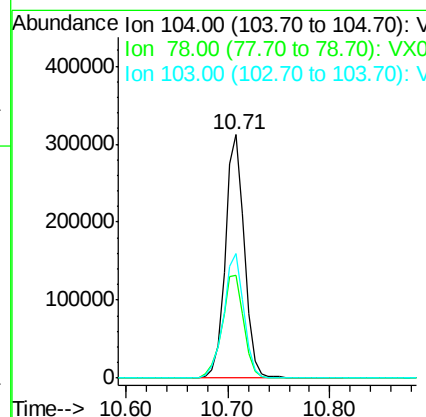
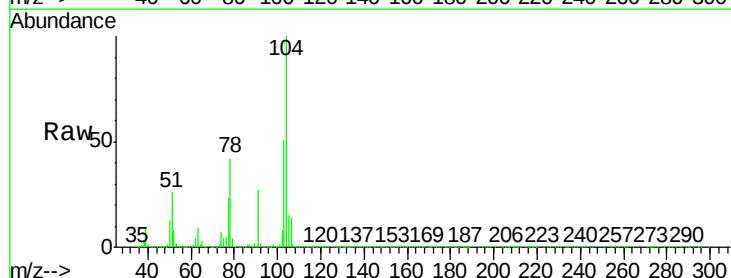
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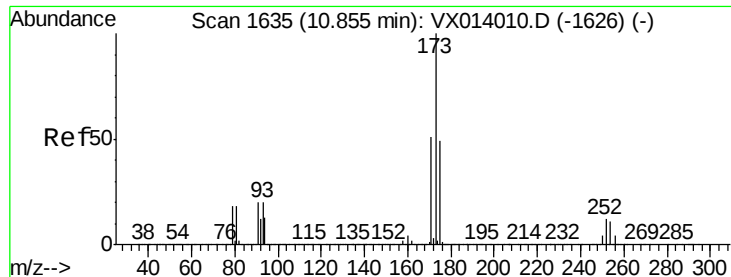
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#70
Styrene
Concen: 20.788 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.8	38.5	57.7
103	55.0	42.9	64.3





#71

Bromoform

Concen: 19.799 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

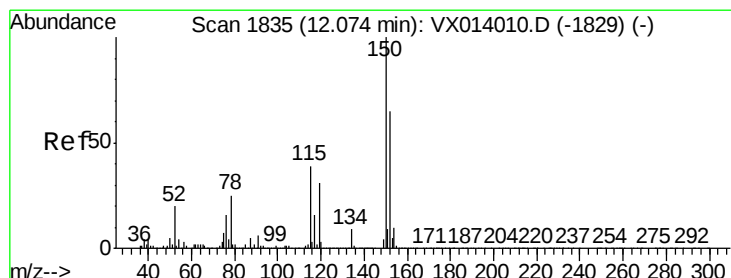
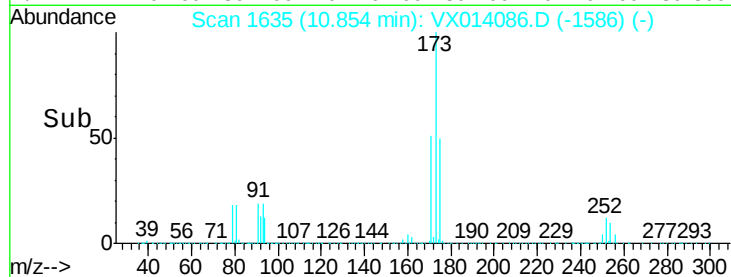
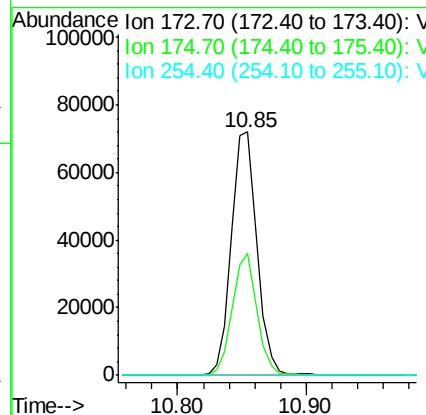
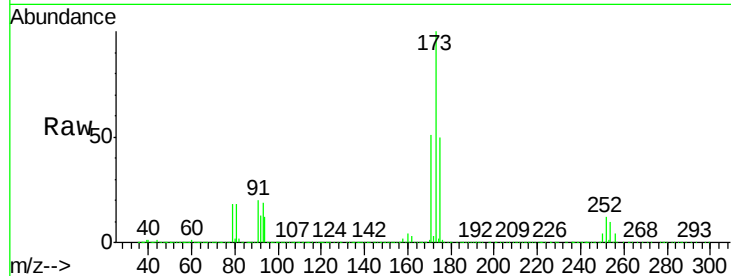
ClientSampleId :

VX1218WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.4	73.4
254	0.3	0.2	0.2#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

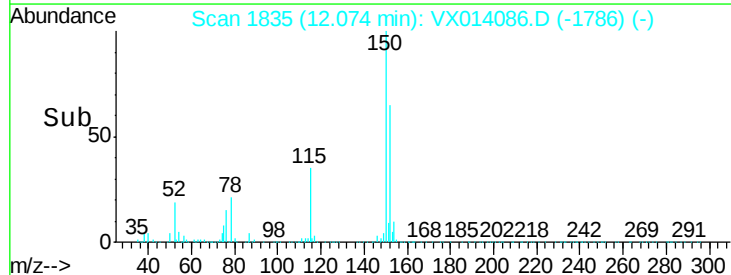
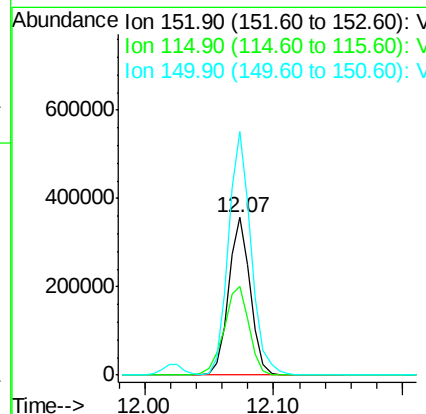
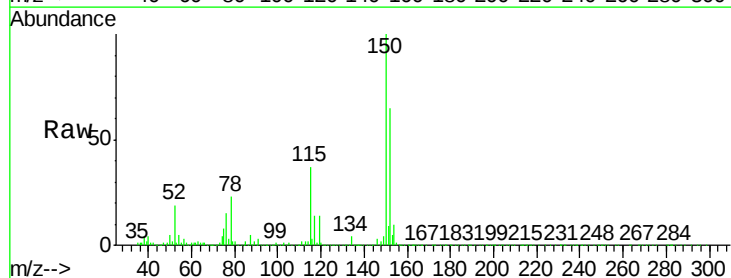
RT: 12.07 min Scan# 1835

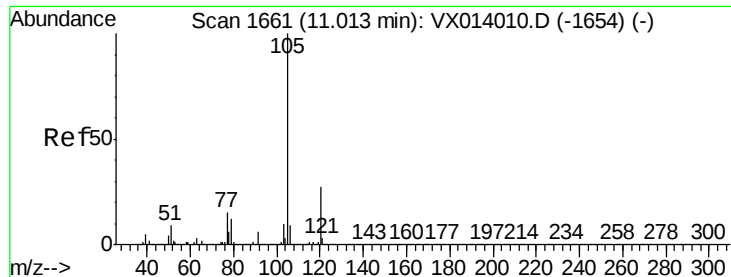
Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.0	38.3	114.9
150	161.5	0.0	345.4





#73

Isopropylbenzene

Concen: 21.219 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 105 Resp: 629441

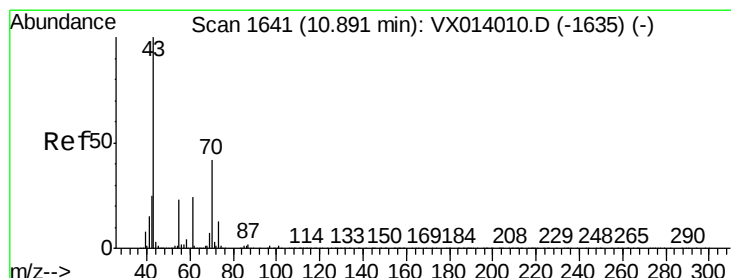
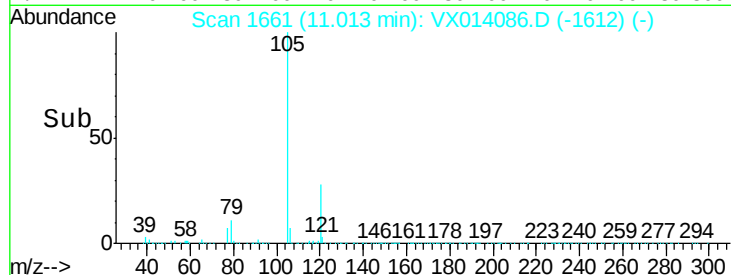
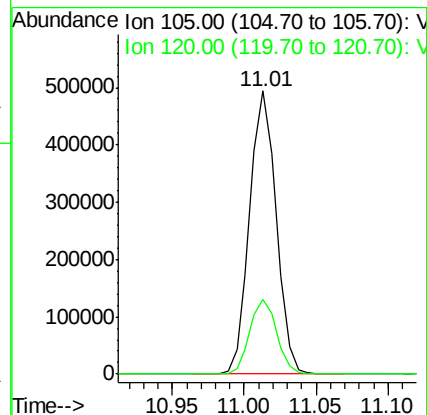
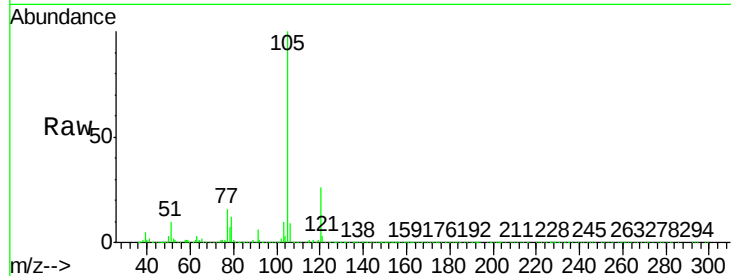
Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4

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#74

N-ethyl acetate

Concen: 20.138 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Tgt Ion: 43 Resp: 280020

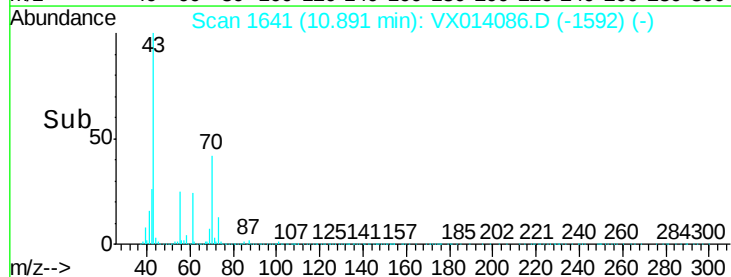
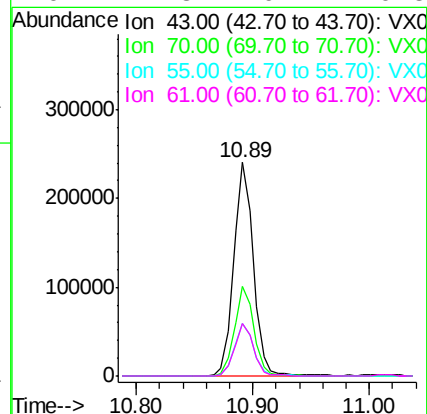
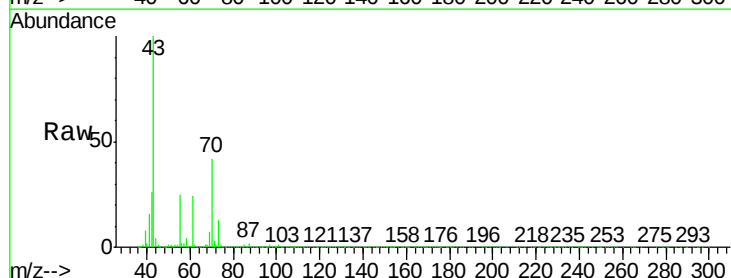
Ion Ratio Lower Upper

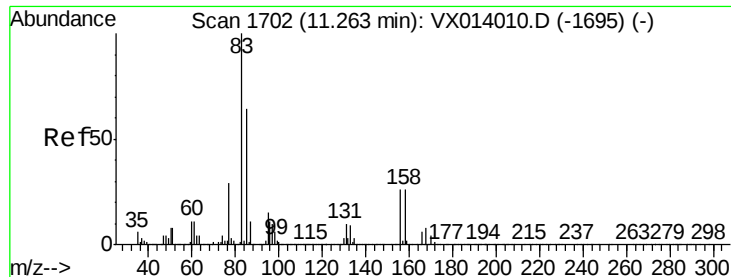
43 100

70 41.6 34.4 51.6

55 24.4 19.1 28.7

61 24.3 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.533 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

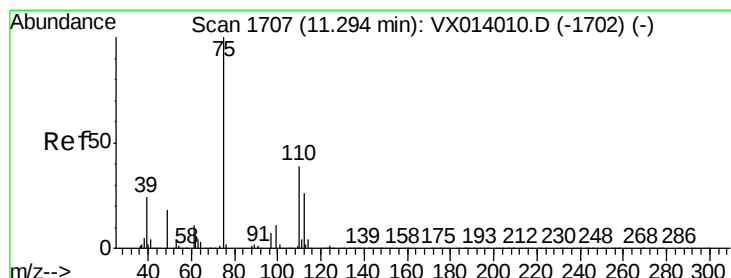
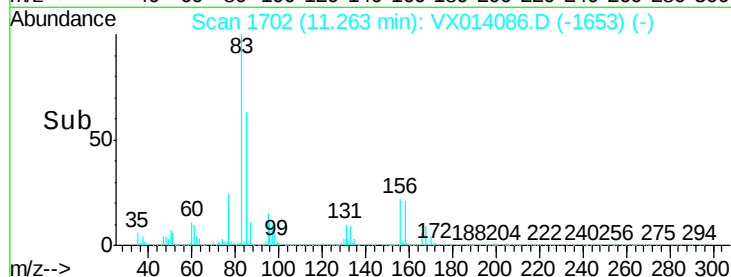
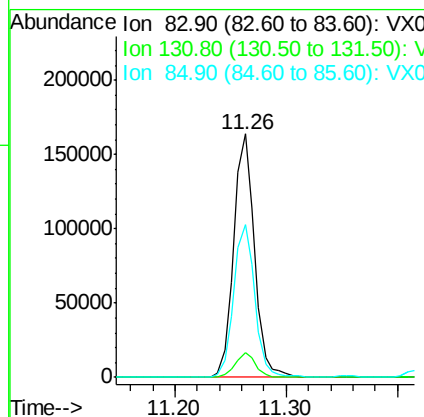
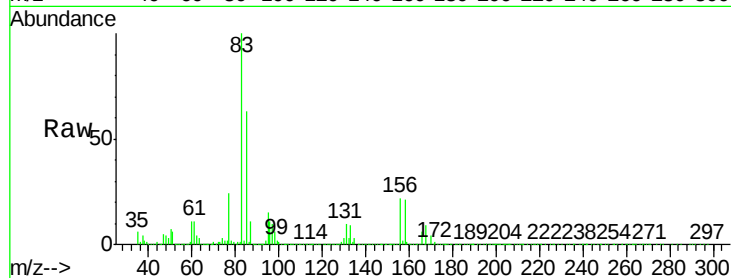
ClientSampleId :

VX1218WBS01

Tot Ion:	83	Resp:	211166
Ion Ratio		Lower	Upper
83	100		
131	10.0	5.1	15.2
85	63.9	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.608 ug/l m

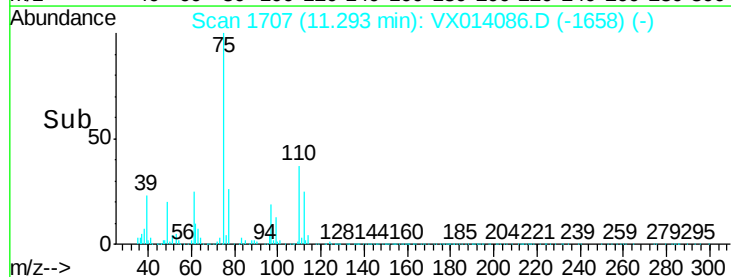
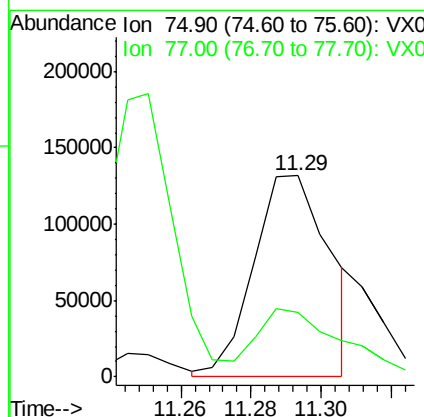
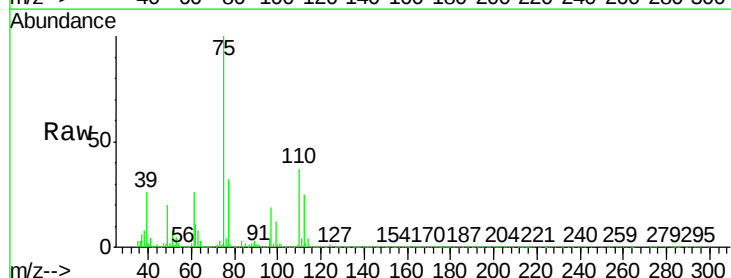
RT: 11.29 min Scan# 1707

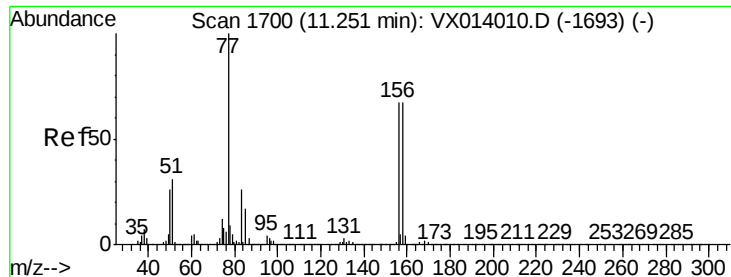
Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Tgt Ion:	75	Resp:	197642
Ion Ratio		Lower	Upper
75	100		
77	37.3	19.3	57.8





#77

Bromobenzene

Concen: 20.064 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

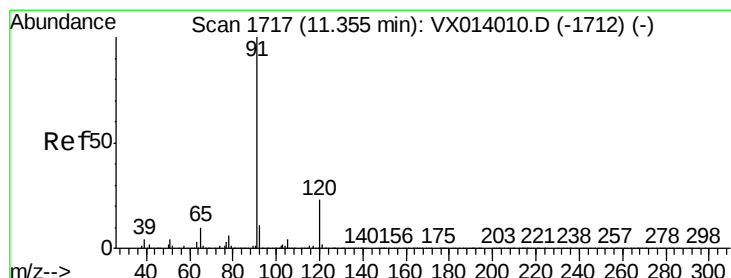
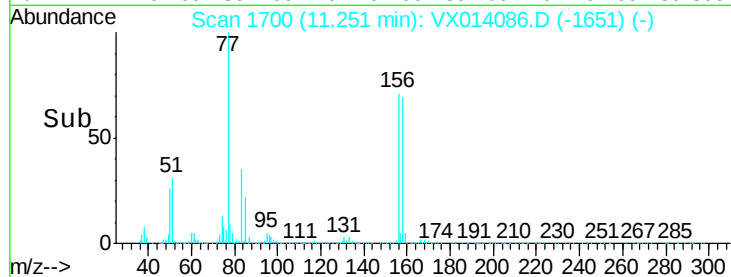
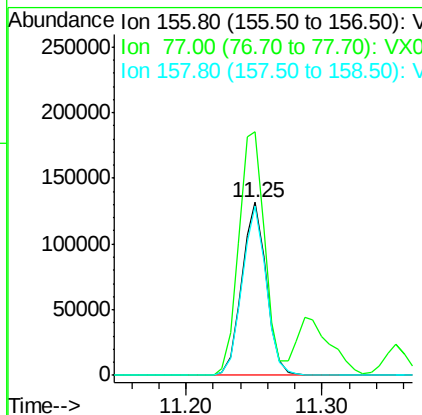
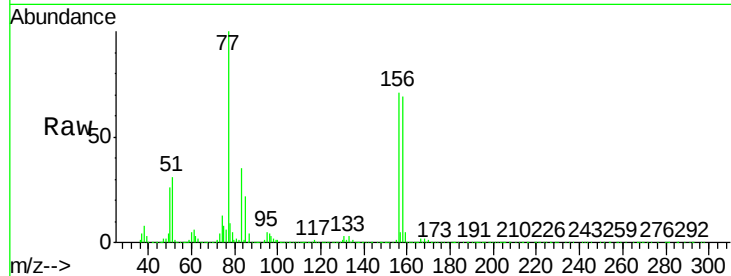
ClientSampleId :

VX1218WBS01

Tot Ion:	156	Resp:	163758
Ion Ratio	Lower	Upper	
156	100		
77	151.3	76.5	229.5
158	96.9	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 21.630 ug/l

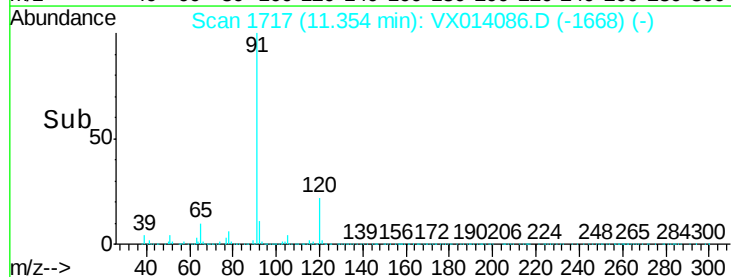
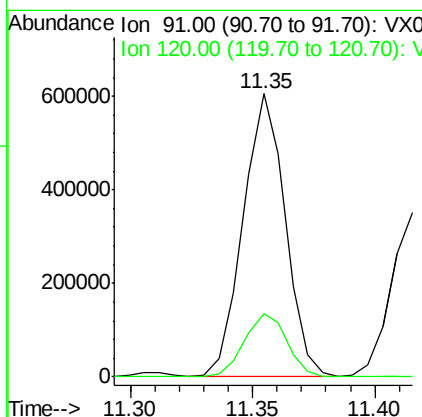
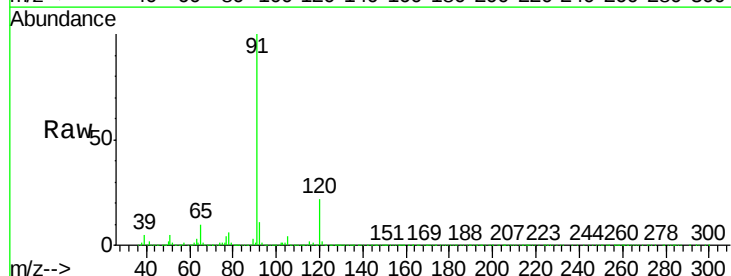
RT: 11.35 min Scan# 1717

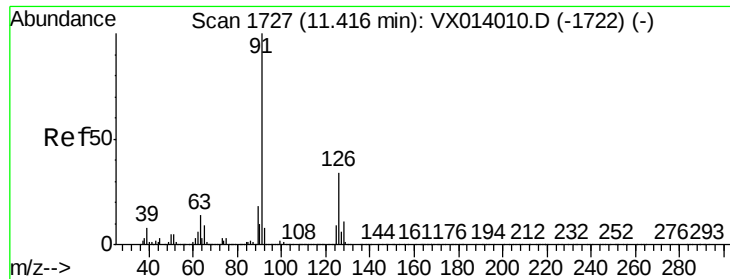
Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Tgt Ion:	91	Resp:	719707
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.7	35.0





#79

2-Chlorotoluene

Concen: 20.955 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion: 91 Resp: 423853

Ion Ratio Lower Upper

91 100

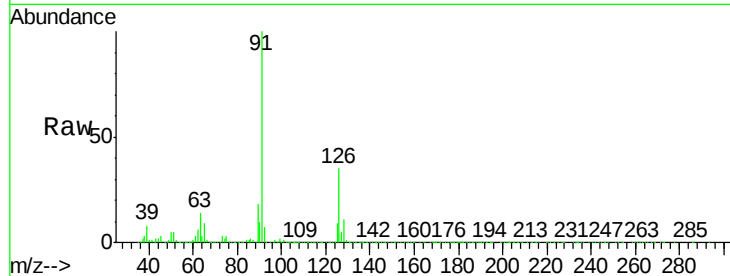
126 35.0 17.2 51.6

Manual Integrations

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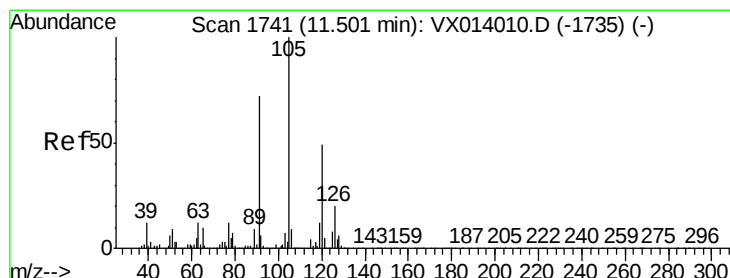
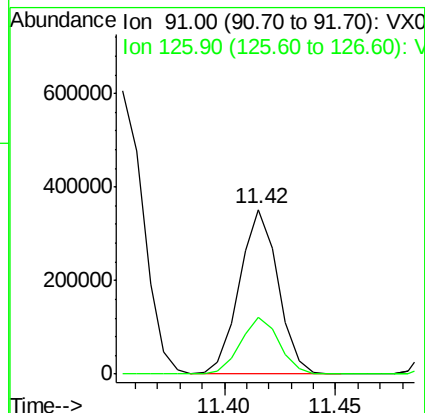
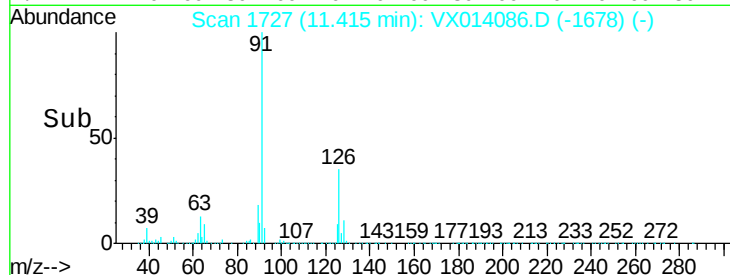
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Abundance Ion 91.00 (90.70 to 91.70): VX014086.D (-1678) (-)

Ion 125.90 (125.60 to 126.60): VX014086.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.076 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014086.D

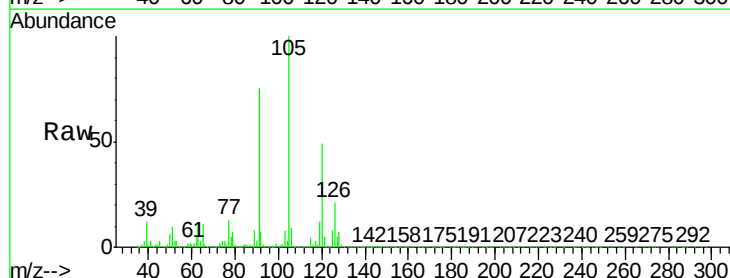
Acq: 18 Dec 2019 11:02

Tgt Ion: 105 Resp: 526185

Ion Ratio Lower Upper

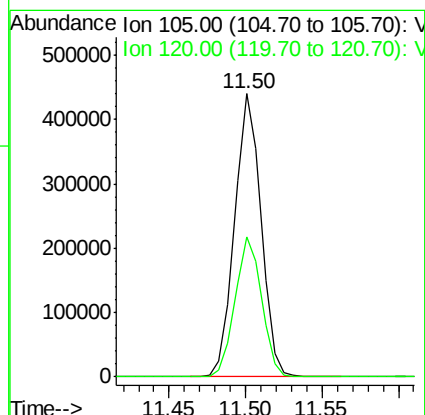
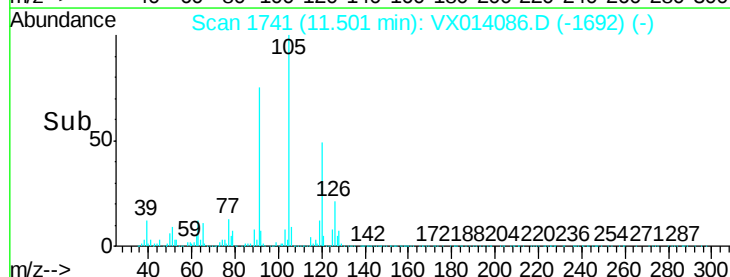
105 100

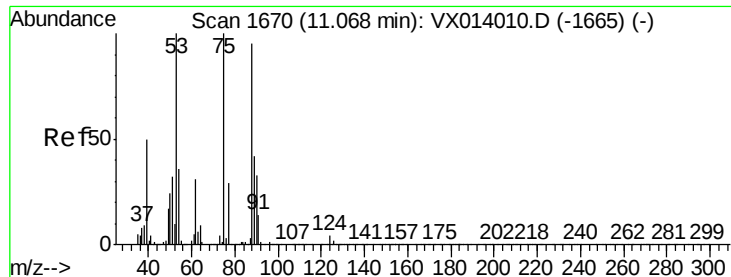
120 49.7 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX014086.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX014086.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.471 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

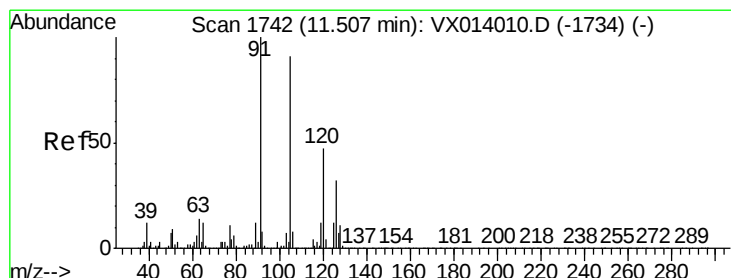
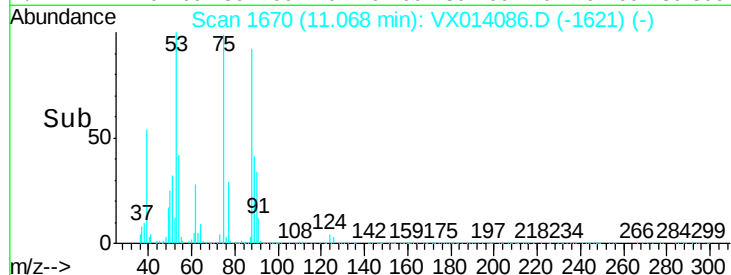
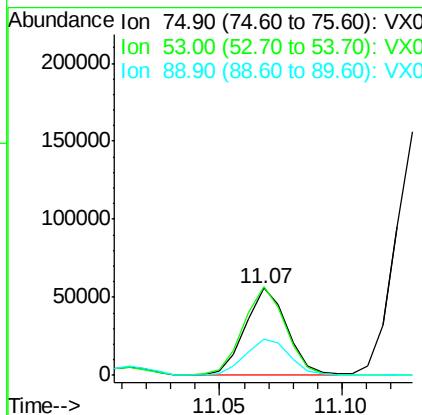
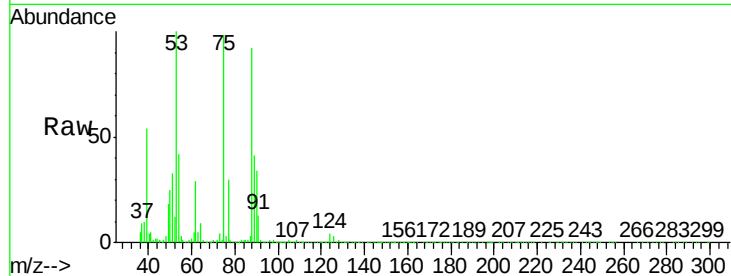
ClientSampleId :

VX1218WBS01

Tot Ion:	75	Resp:	66339
Ion	Ratio	Lower	Upper
75	100		
53	105.1	76.7	115.1
89	45.2	34.6	51.8

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#82

4-Chlorotoluene

Concen: 20.653 ug/l

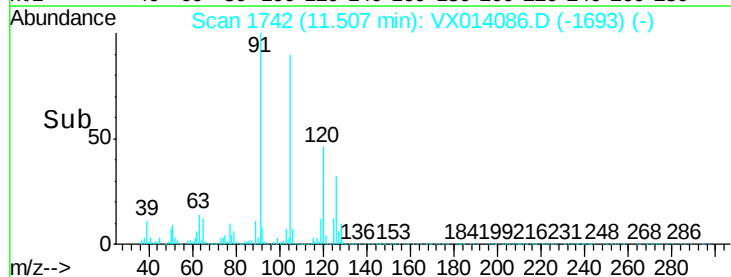
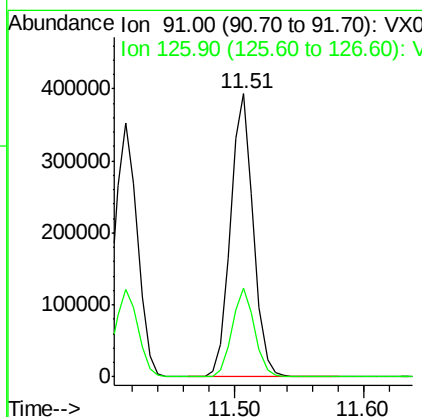
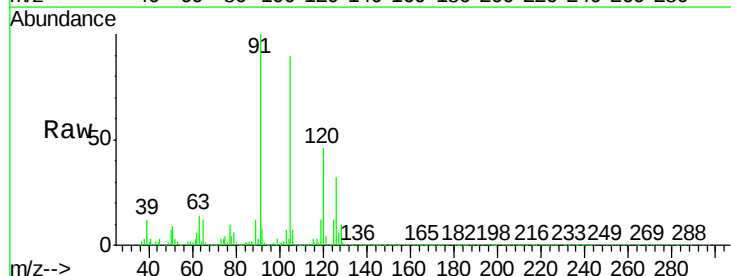
RT: 11.51 min Scan# 1742

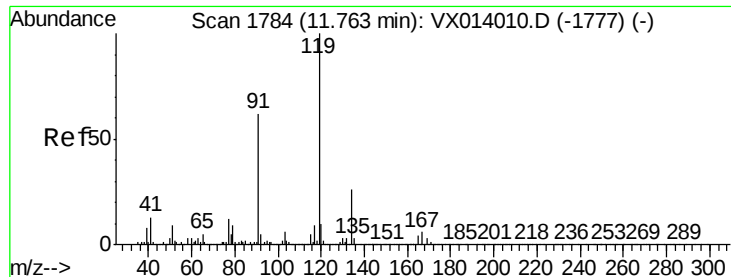
Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Tgt Ion:	91	Resp:	484558
Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.6	46.8





#83

tert-Butylbenzene

Concen: 21.004 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

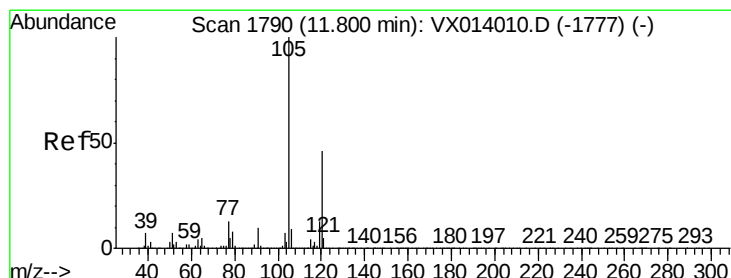
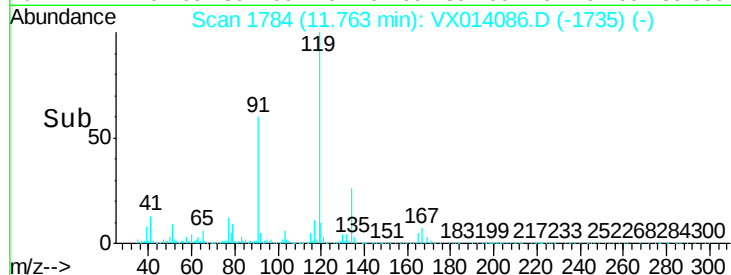
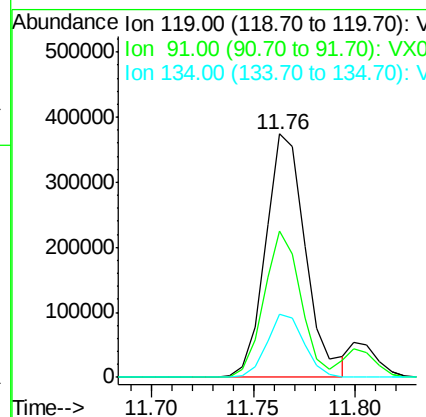
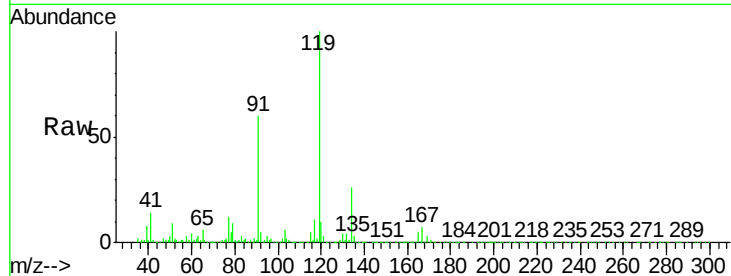
ClientSampleId :

VX1218WBS01

Tot Ion:	119	Resp:	510300
Ion Ratio	Lower	Upper	
119	100		
91	55.4	28.5	85.6
134	24.4	12.2	36.6

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 21.014 ug/l

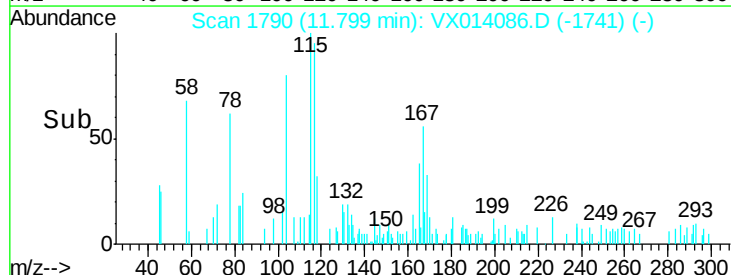
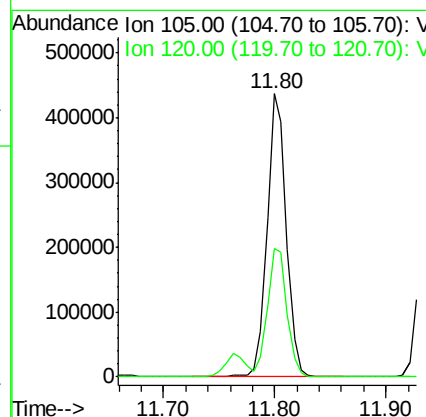
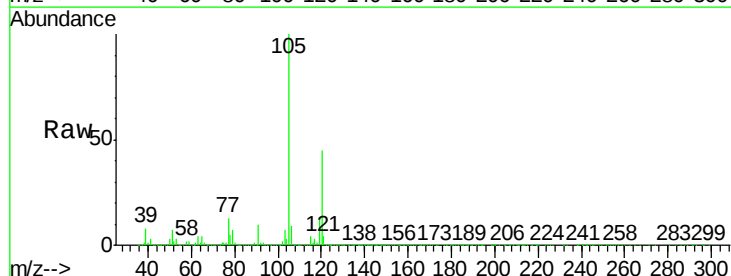
RT: 11.80 min Scan# 1790

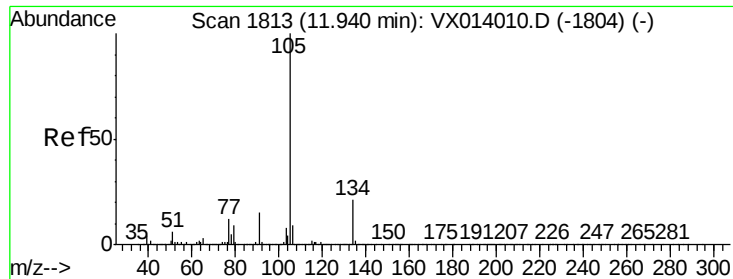
Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Tgt Ion:	105	Resp:	525381
Ion Ratio	Lower	Upper	
105	100		
120	46.3	23.1	69.2





#85

sec-Butylbenzene

Concen: 21.271 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tot Ion:105 Resp: 610084

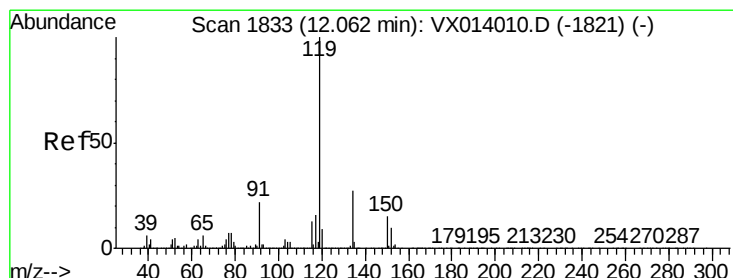
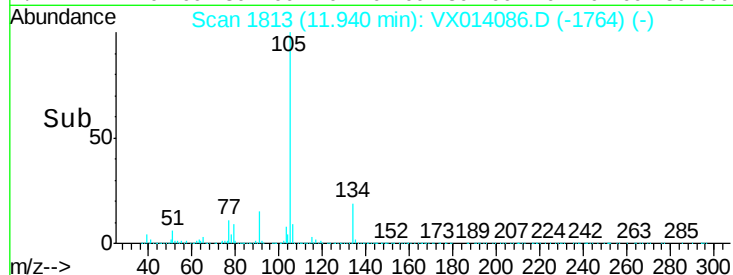
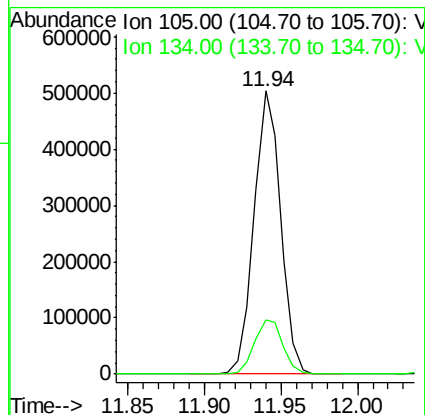
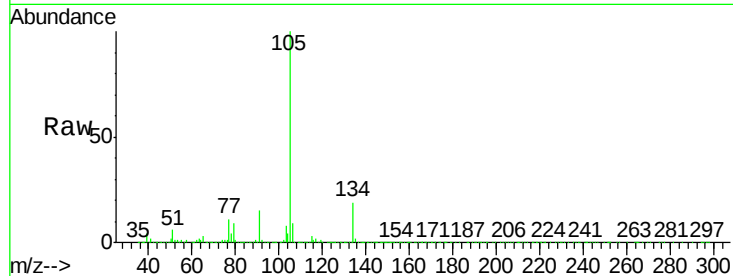
Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 21.236 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

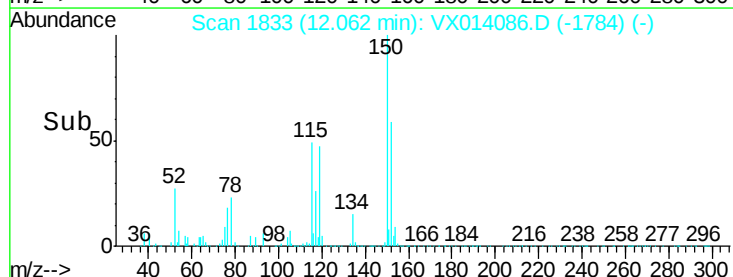
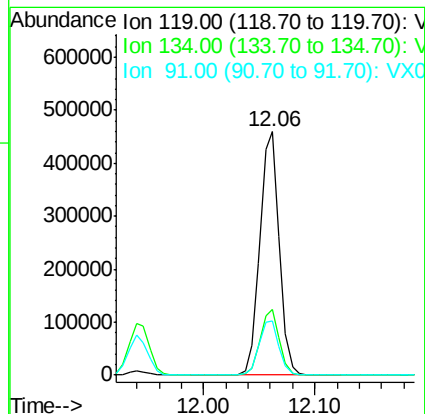
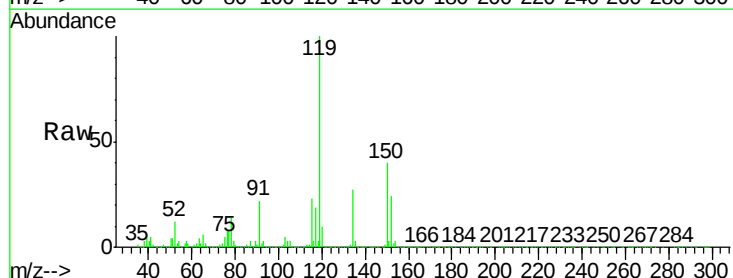
Tgt Ion:119 Resp: 557144

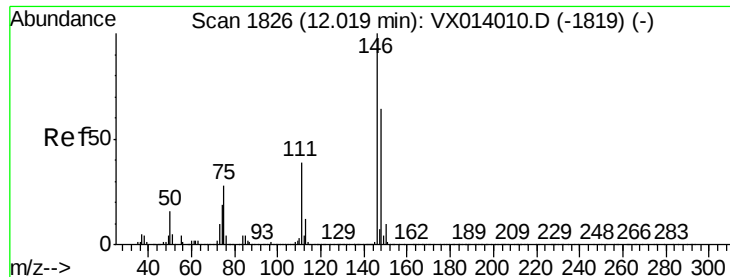
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 22.8 11.4 34.1





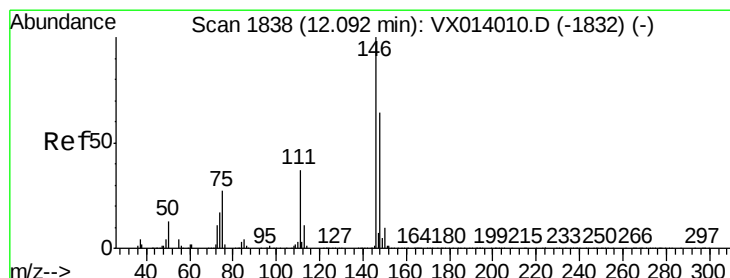
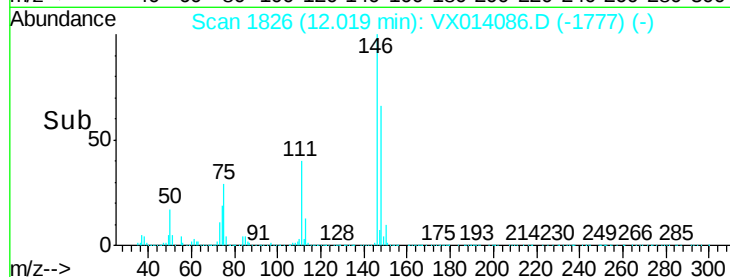
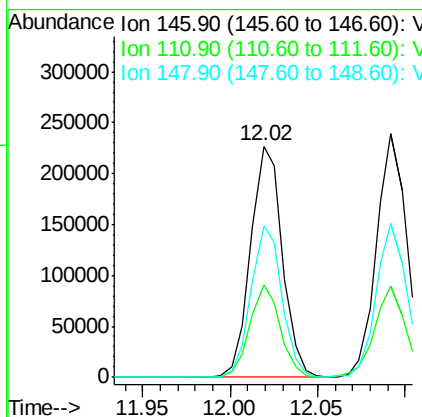
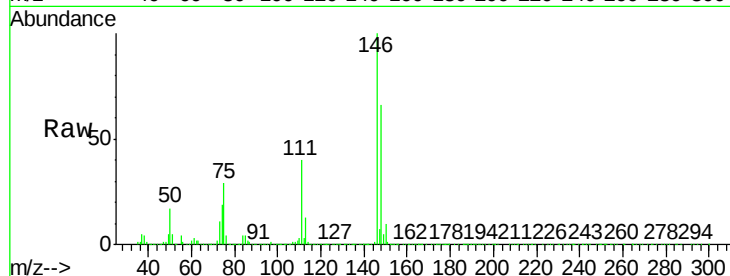
#87
 1,3-Dichlorobenzene
 Concen: 19.968 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014086.D
 Acq: 18 Dec 2019 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.1
148	64.2	32.3	96.9

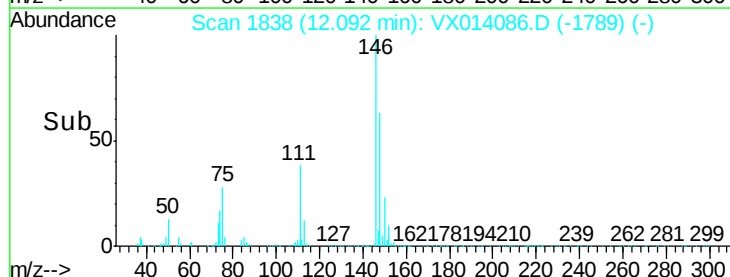
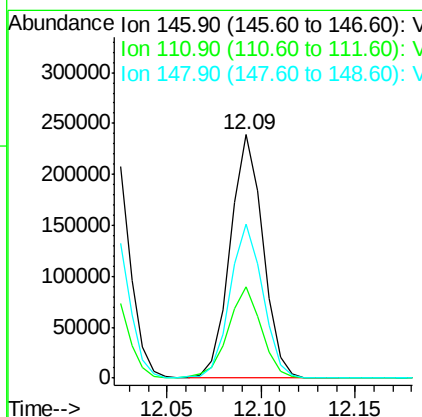
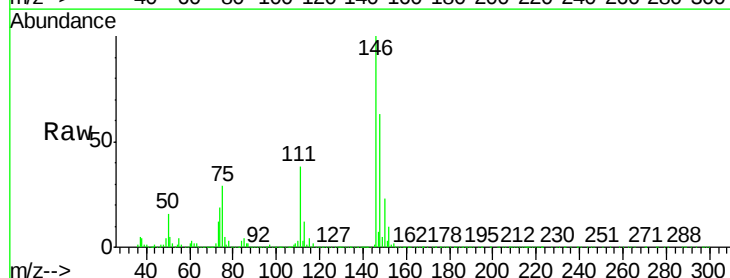
Manual Integrations
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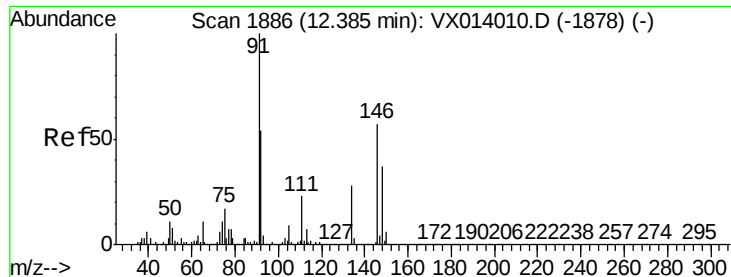
apatel
 12/19/2019 11:50:56 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.724 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014086.D
 Acq: 18 Dec 2019 11:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.7	56.1
148	63.8	31.9	95.9





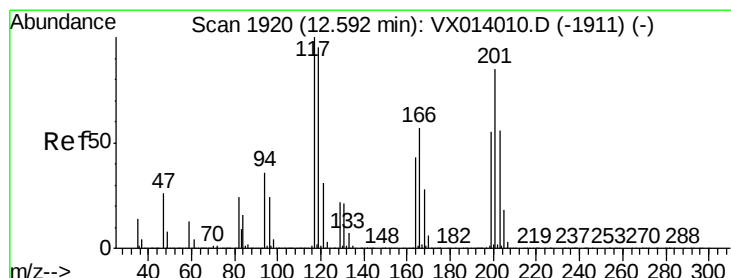
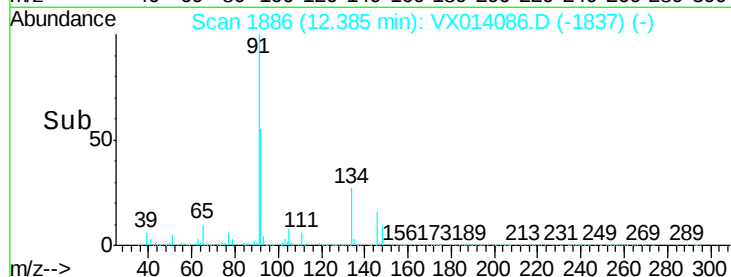
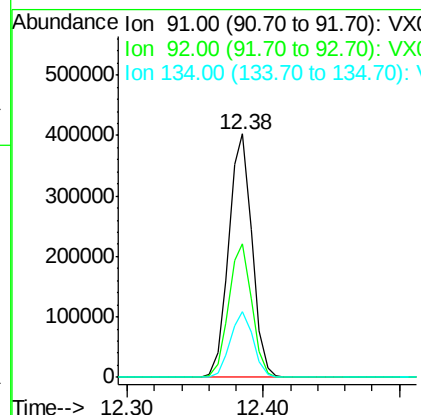
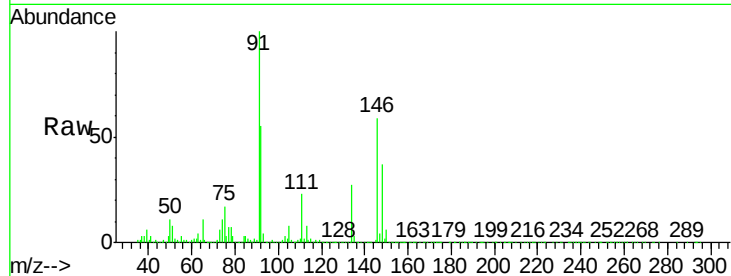
#89
n-Butylbenzene
Concen: 21.268 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.2	81.6
134	26.6	13.4	40.1

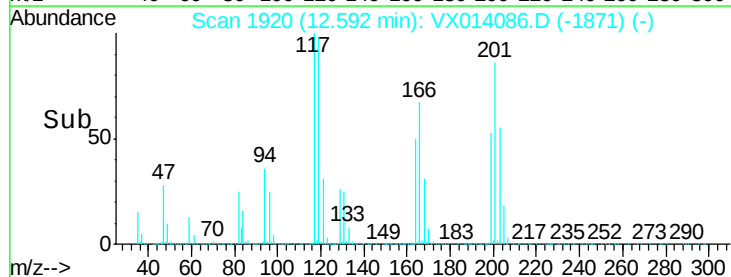
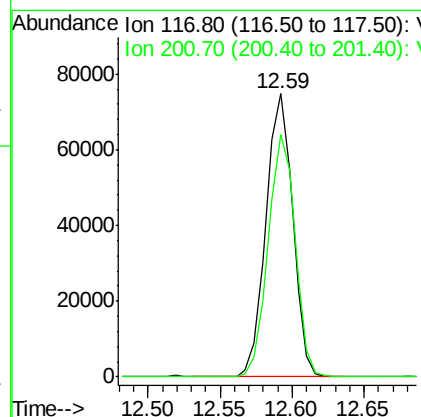
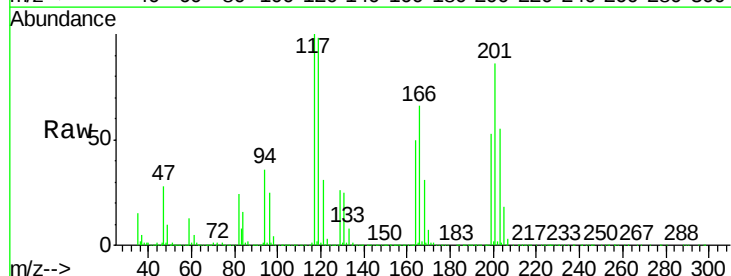
Manual Integrations
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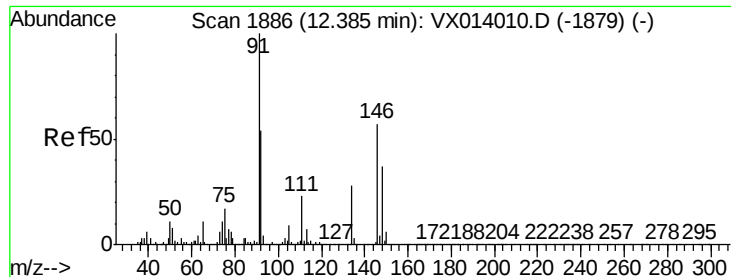
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#90
Hexachloroethane
Concen: 20.283 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.9	43.1	129.3





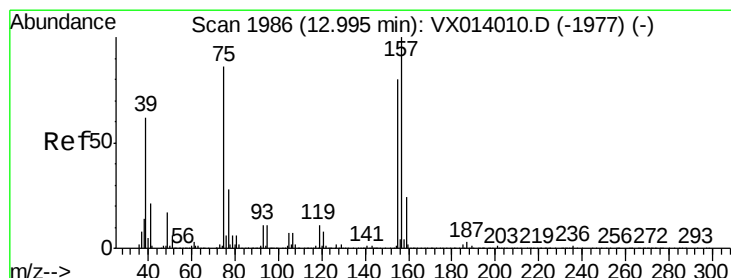
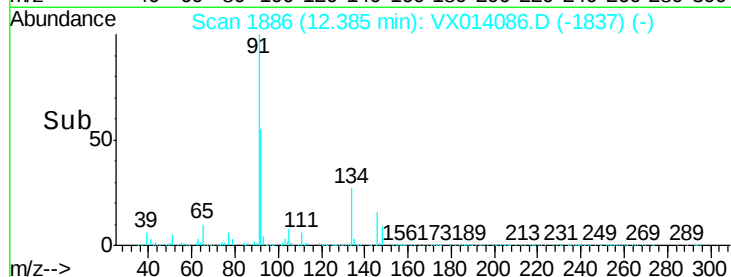
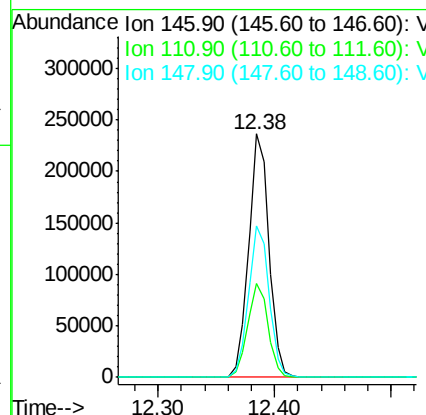
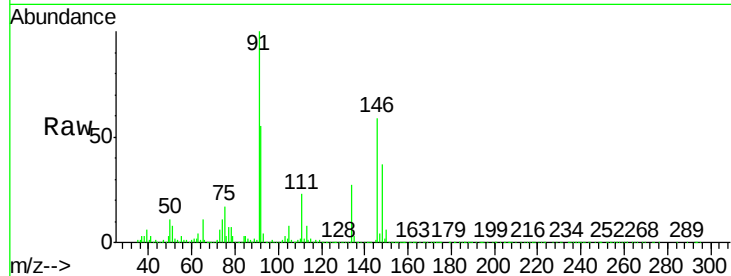
#91
 1,2-Dichlorobenzene
 Concen: 20.006 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014086.D
 Acq: 18 Dec 2019 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.7	59.1
148	63.3	32.1	96.5

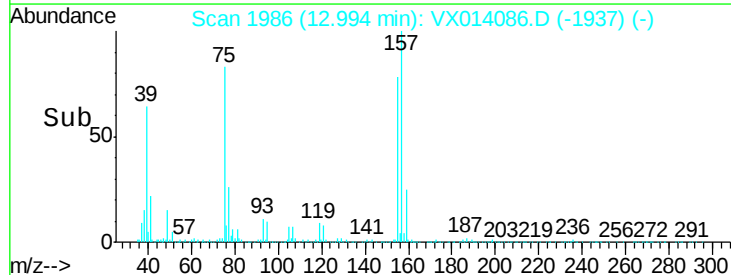
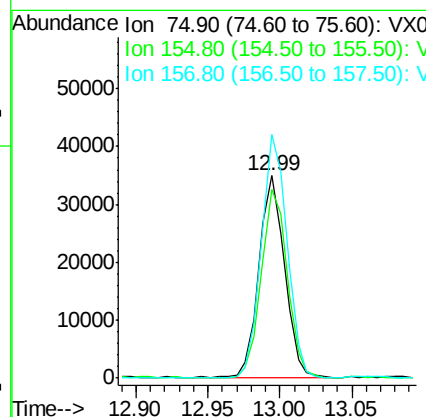
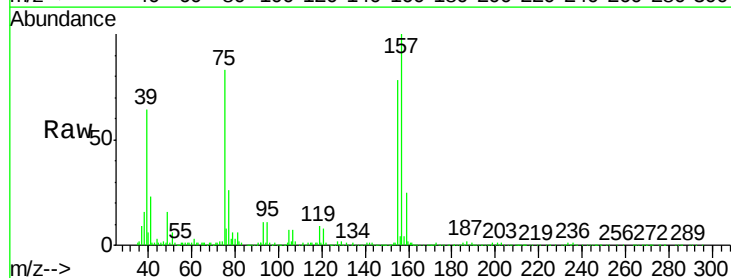
Manual Integrations
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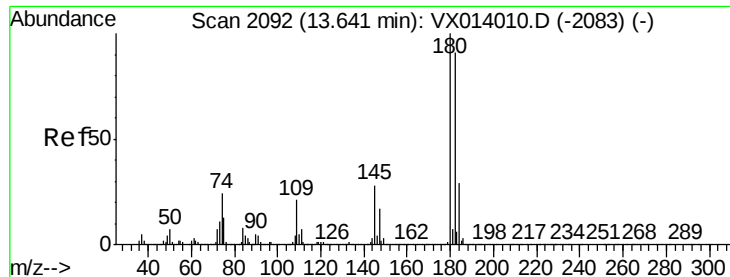
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.029 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014086.D
 Acq: 18 Dec 2019 11:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.3	46.9	140.6
157	120.3	60.8	182.4





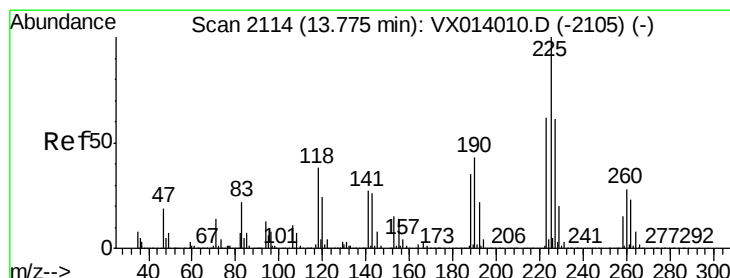
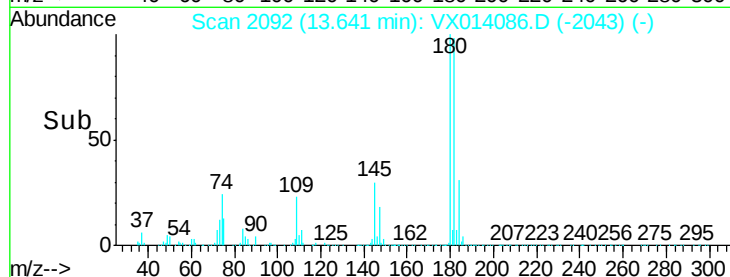
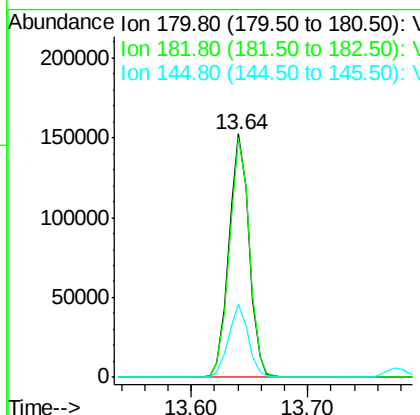
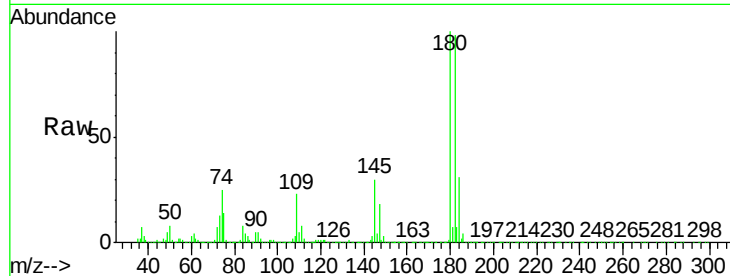
#93
1,2,4-Trichlorobenzene
Concen: 19.606 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	183493		
182	98.2	46.6	139.8	
145	29.5	14.2	42.6	

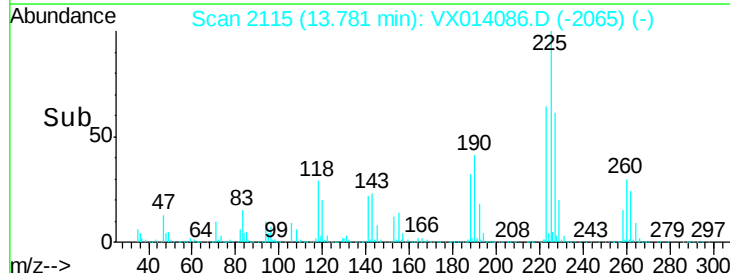
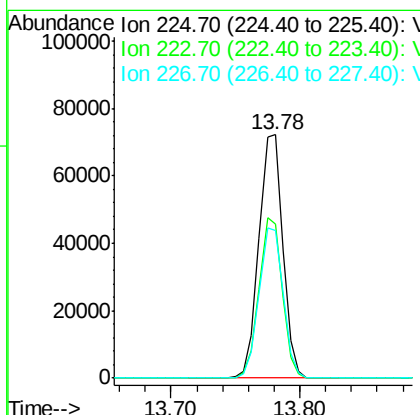
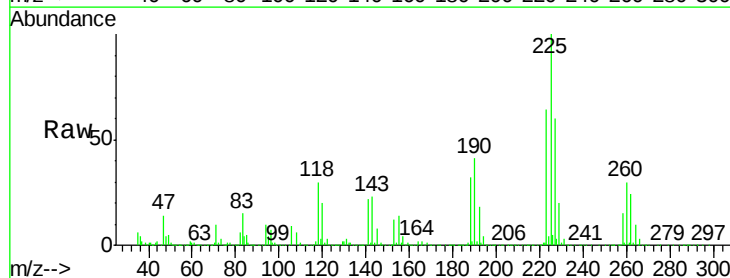
Manual Integrations
APPROVED

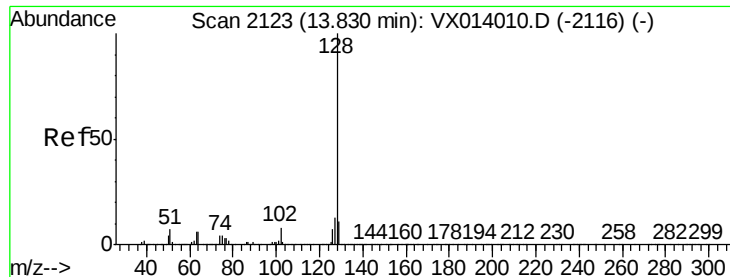
apatel
12/19/2019 11:50:56 AM



#94
Hexachlorobutadiene
Concen: 20.507 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX014086.D
Acq: 18 Dec 2019 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	92239		
223	64.0	30.9	92.5	
227	62.2	30.9	92.7	





#95

Naphthalene

Concen: 20.378 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Instrument :

MSVOA_X

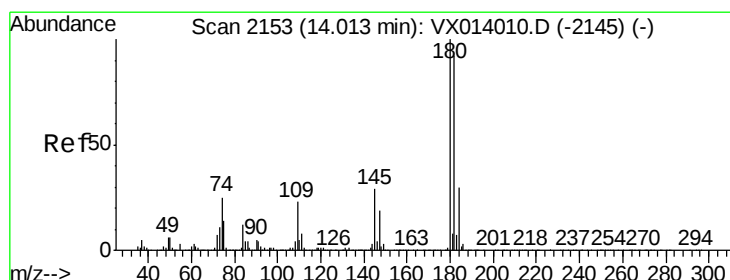
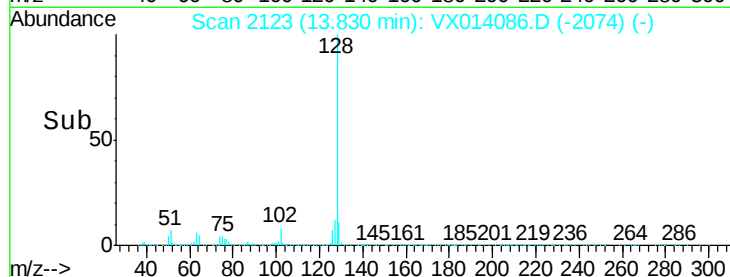
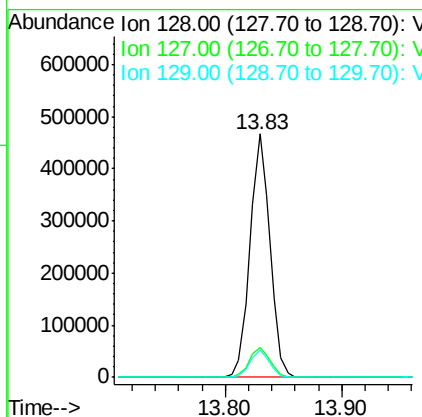
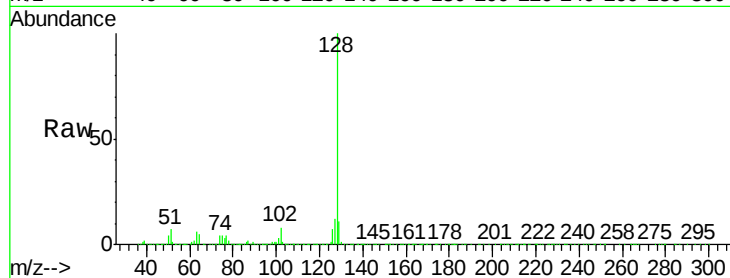
ClientSampleId :

VX1218WBS01

Tot Ion:	128	Resp:	560340
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	11.1	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 20.720 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX014086.D

Acq: 18 Dec 2019 11:02

Tgt Ion:	180	Resp:	191434
Ion Ratio	Lower	Upper	
180	100		
182	91.5	46.8	140.3
145	29.4	14.8	44.4

