

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122619\
 Data File : VX014267.D
 Acq On : 26 Dec 2019 14:24
 Operator : JC/SP
 Sample : VX1226WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD01

Manual Integrations
 APPROVED

apatel
 12/27/2019 12:03:14 PM

Quant Time: Dec 27 06:55:22 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	485088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	752629	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	665047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317321	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	287871	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
35) Dibromofluoromethane	5.49	113	241375	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
50) Toluene-d8	8.71	98	924885	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
62) 4-Bromofluorobenzene	11.13	95	318273	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	72871	16.792	ug/l	98
3) Chloromethane	1.32	50	106184	18.232	ug/l	96
4) Vinyl Chloride	1.40	62	112434	18.296	ug/l	97
5) Bromomethane	1.63	94	68248	15.647	ug/l	100
6) Chloroethane	1.72	64	76462	20.160	ug/l	99
7) Trichlorofluoromethane	1.92	101	140406	18.457	ug/l	100
8) Diethyl Ether	2.18	74	65720	18.407	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	86212	18.800	ug/l	99
10) Methyl Iodide	2.50	142	98070	17.987	ug/l	99
11) Tert butyl alcohol	3.03	59	116748	98.277	ug/l	100
12) 1,1-Dichloroethene	2.37	96	86094	18.450	ug/l	99
13) Acrolein	2.28	56	64047	94.184	ug/l	96
14) Allyl chloride	2.72	41	163710	19.650	ug/l	99
15) Acrylonitrile	3.13	53	279975	100.974	ug/l	98
16) Acetone	2.43	43	244857	68.602	ug/l	97
17) Carbon Disulfide	2.56	76	214689	17.074	ug/l	100
18) Methyl Acetate	2.76	43	144942	20.493	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	296089	19.310	ug/l	98
20) Methylene Chloride	2.85	84	103987	18.501	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	94391	18.361	ug/l	98
22) Diisopropyl ether	3.84	45	338271	20.375	ug/l	99
23) Vinyl Acetate	3.80	43	1410631	104.117	ug/l	99
24) 1,1-Dichloroethane	3.69	63	175901	19.043	ug/l	99
25) 2-Butanone	4.65	43	391153	88.889	ug/l	98
26) 2,2-Dichloropropane	4.57	77	131209	18.295	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	110066	18.931	ug/l	99
28) Bromochloromethane	5.00	49	81096	23.075	ug/l	99
29) Tetrahydrofuran	5.11	42	253737	103.091	ug/l	100
30) Chloroform	5.20	83	169520	19.360	ug/l	98
31) Cyclohexane	5.57	56	157448	19.165	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	141133	18.911	ug/l	98
36) 1,1-Dichloropropene	5.79	75	125701	18.202	ug/l	99
37) Ethyl Acetate	4.82	43	153725	20.158	ug/l	98
38) Carbon Tetrachloride	5.78	117	114525	18.204	ug/l	98

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Quant Time: Dec 27 06:55:22 2019
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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)
39) Methylcyclohexane	7.46	83	150535	17.654	ug/l	96
40) Benzene	6.14	78	400882	18.867	ug/l	98
41) Methacrylonitrile	5.03	41	81536	19.270	ug/l	96
42) 1,2-Dichloroethane	6.19	62	137555	19.098	ug/l	100
43) Isopropyl Acetate	6.44	43	246063	19.497	ug/l	100
44) Trichloroethene	7.21	130	106128	18.083	ug/l	95
45) 1,2-Dichloropropane	7.51	63	104664	19.218	ug/l	97
46) Dibromomethane	7.65	93	66313	18.417	ug/l	99
47) Bromodichloromethane	7.89	83	127655	18.824	ug/l	98
48) Methyl methacrylate	7.76	41	117789	19.060	ug/l	99
49) 1,4-Dioxane	7.73	88	52952	421.044	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	787263	99.327	ug/l	99
52) Toluene	8.78	92	248788	18.524	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	135381	18.207	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	157470	19.009	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	102879	19.113	ug/l	99
56) Ethyl methacrylate	9.17	69	160979	19.039	ug/l	99
57) 1,3-Dichloropropane	9.37	76	176924	19.536	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	322955	100.928	ug/l	100
59) 2-Hexanone	9.48	43	594036	93.103	ug/l	99
60) Dibromochloromethane	9.57	129	100230	18.733	ug/l	99
61) 1,2-Dibromoethane	9.67	107	105767	19.204	ug/l	99
64) Tetrachloroethene	9.33	164	109293	18.572	ug/l	99
65) Chlorobenzene	10.14	112	265756	18.794	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	97981	19.406	ug/l	99
67) Ethyl Benzene	10.25	91	460129	18.927	ug/l	99
68) m/p-Xylenes	10.36	106	349866	37.418	ug/l	99
69) o-Xylene	10.70	106	169743	18.510	ug/l	98
70) Styrene	10.71	104	288525	18.606	ug/l	100
71) Bromoform	10.85	173	74266	18.299	ug/l #	99
73) Isopropylbenzene	11.01	105	452254	20.242	ug/l	100
74) N-amyl acetate	10.89	43	199104	19.012	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	155526	20.079	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	131028m	19.020	ug/l	
77) Bromobenzene	11.25	156	117542	19.122	ug/l	99
78) n-propylbenzene	11.35	91	496092	19.796	ug/l	100
79) 2-Chlorotoluene	11.42	91	302170	19.836	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	367187	19.528	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	45920	18.814	ug/l	92
82) 4-Chlorotoluene	11.51	91	336866	19.064	ug/l	100
83) tert-Butylbenzene	11.76	119	365782	19.990	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	369471	19.621	ug/l	100
85) sec-Butylbenzene	11.94	105	425393	19.693	ug/l	100
86) p-Isopropyltoluene	12.06	119	386066	19.538	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	199554	18.523	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	198031	18.078	ug/l	99
89) n-Butylbenzene	12.39	91	314320	18.642	ug/l	99
90) Hexachloroethane	12.59	117	67394	18.988	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	203987	18.809	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31510	18.383	ug/l	98

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ClientSampleId :
VX1226WBSD01

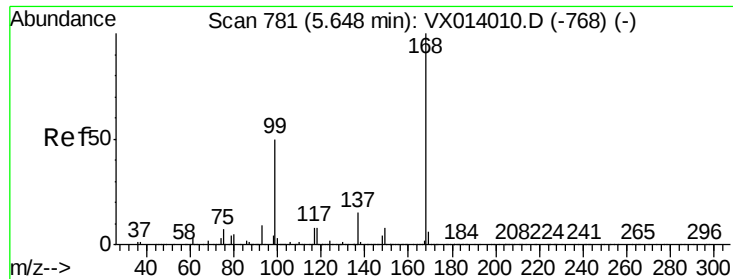
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	122376	17.361	ug/l	98
94) Hexachlorobutadiene	13.78	225	61194	18.064	ug/l	97
95) Naphthalene	13.83	128	373736	18.046	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	126694	18.208	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD01

Tot Ion:168 Resp: 485088

Ion Ratio Lower Upper

168 100

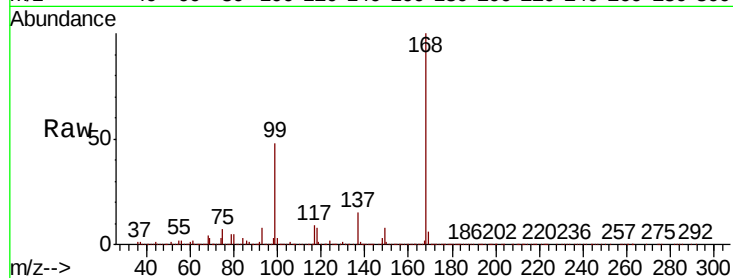
99 48.0 40.3 60.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

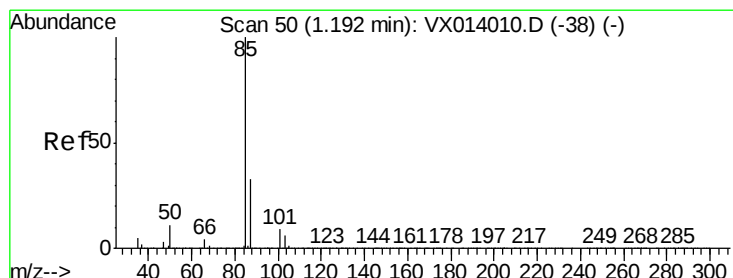
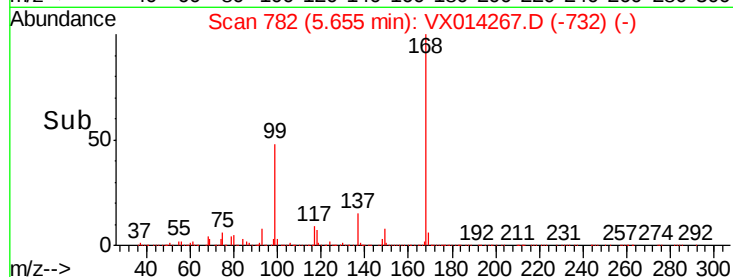
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.792 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014267.D

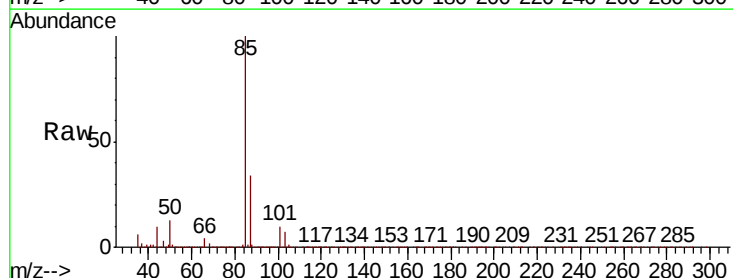
Acq: 26 Dec 2019 14:24

Tgt Ion: 85 Resp: 72871

Ion Ratio Lower Upper

85 100

87 34.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

60000

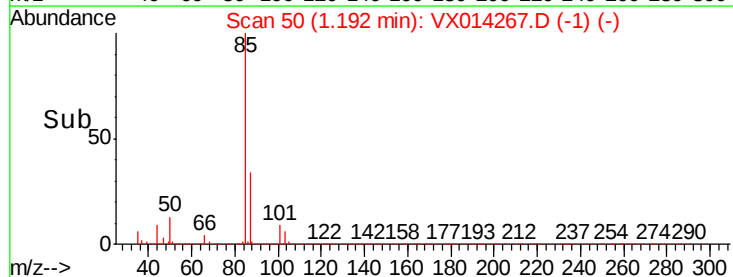
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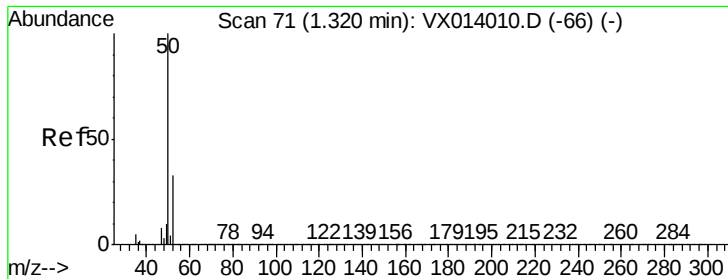
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.232 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD01

Tot Ion: 50 Resp: 106184

Ion Ratio Lower Upper

50 100

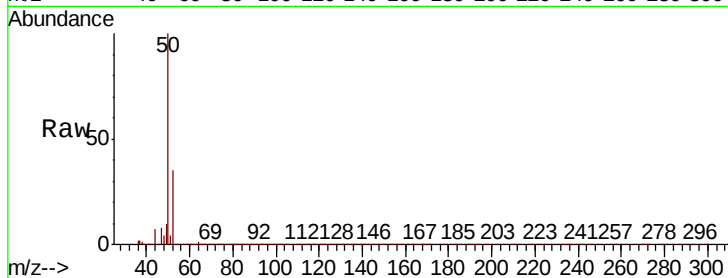
52 34.9 26.2 39.4

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

120000

100000

80000

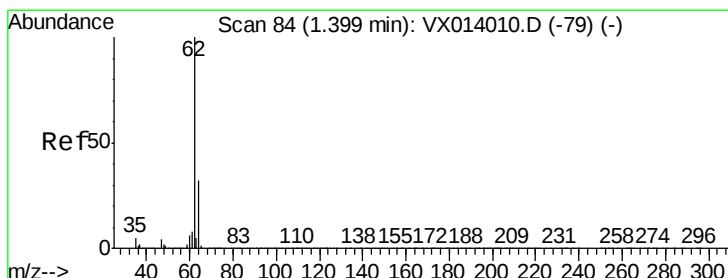
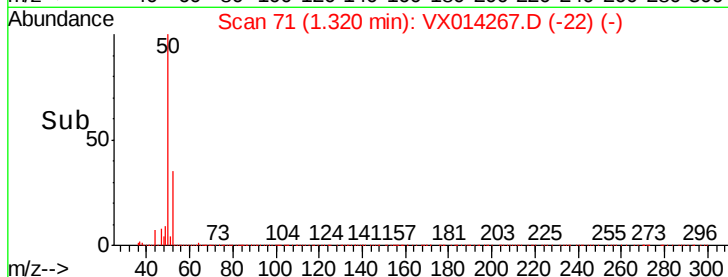
60000

40000

20000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 18.296 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014267.D

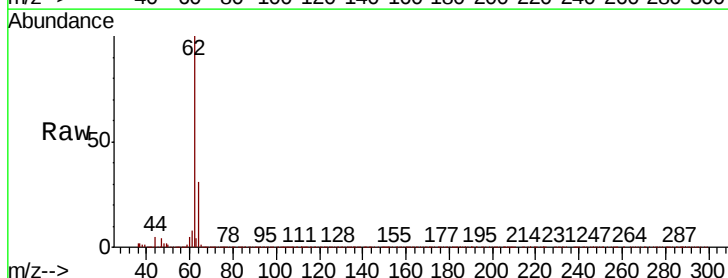
Acq: 26 Dec 2019 14:24

Tgt Ion: 62 Resp: 112434

Ion Ratio Lower Upper

62 100

64 30.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

120000

100000

80000

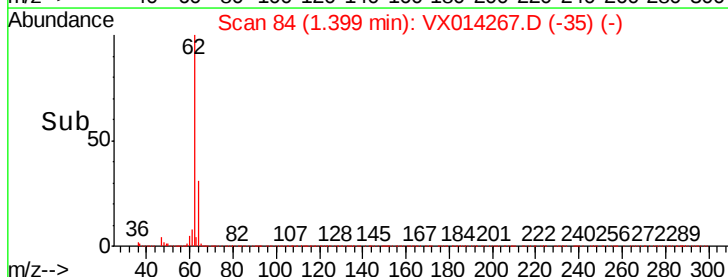
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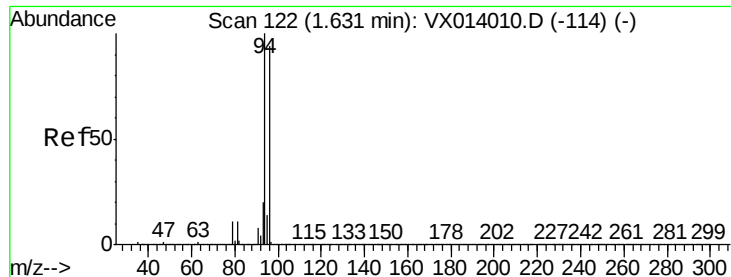
40000

20000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 15.647 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD01

Tot Ion: 94 Resp: 68248

Ion Ratio Lower Upper

94 100

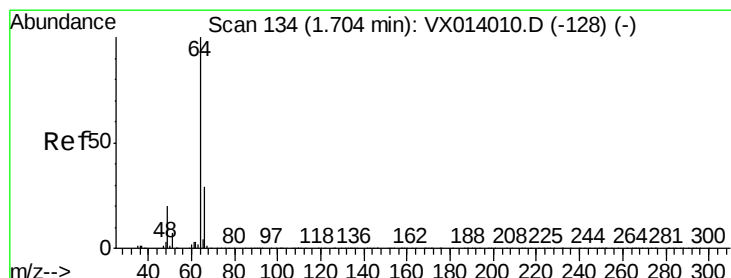
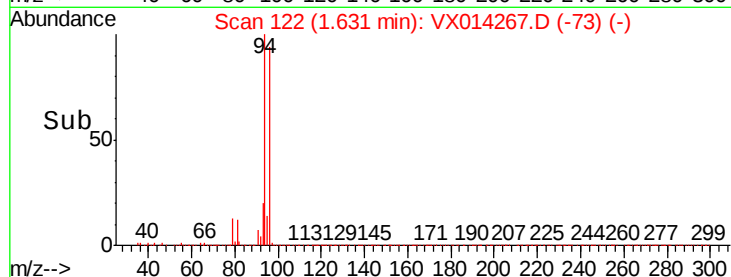
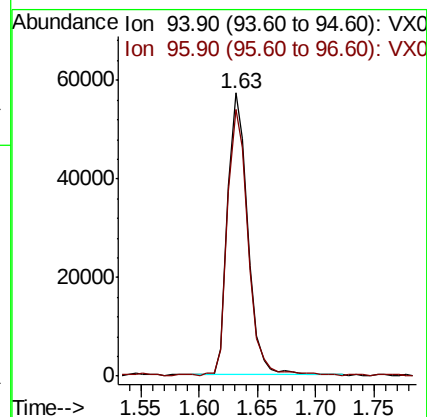
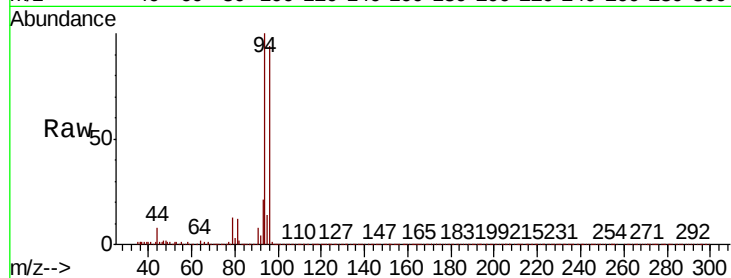
96 94.1 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 20.160 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014267.D

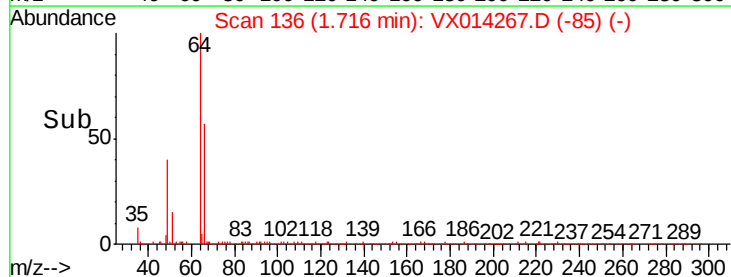
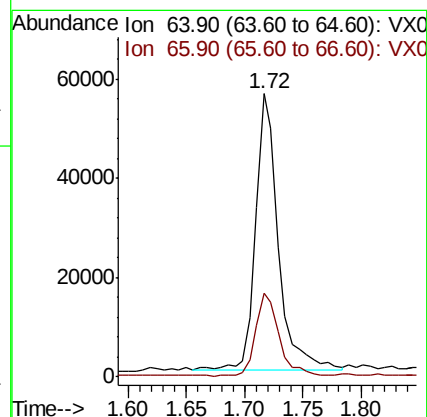
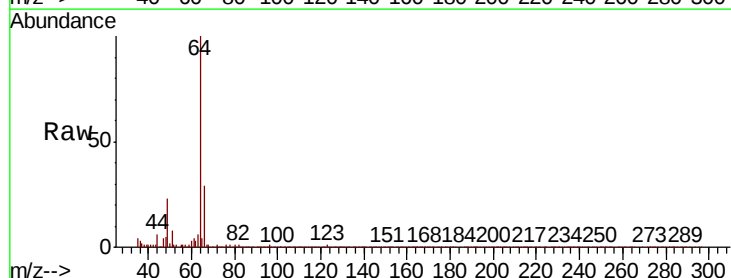
Acq: 26 Dec 2019 14:24

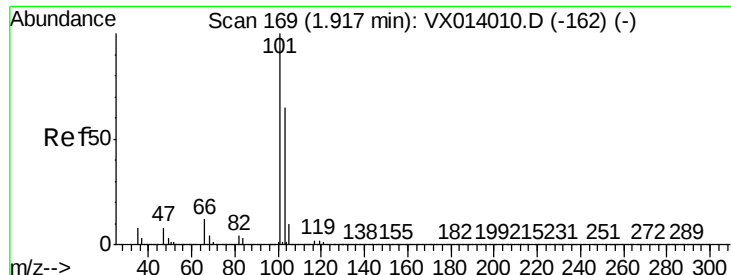
Tgt Ion: 64 Resp: 76462

Ion Ratio Lower Upper

64 100

66 29.7 23.4 35.2





#7

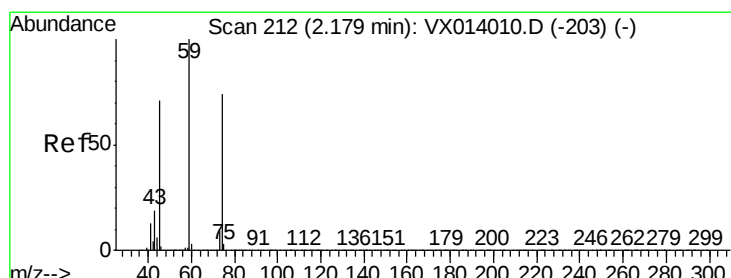
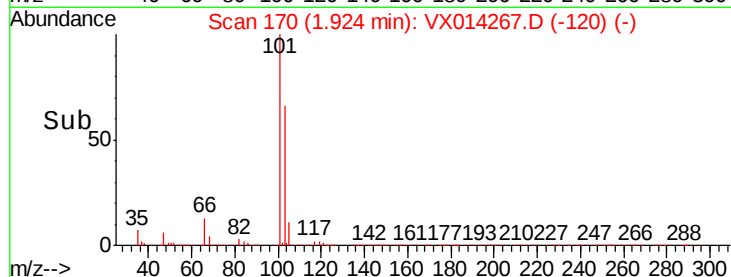
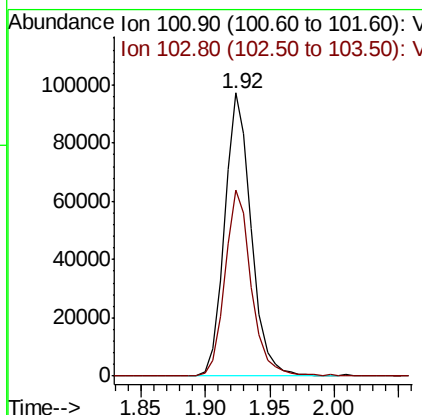
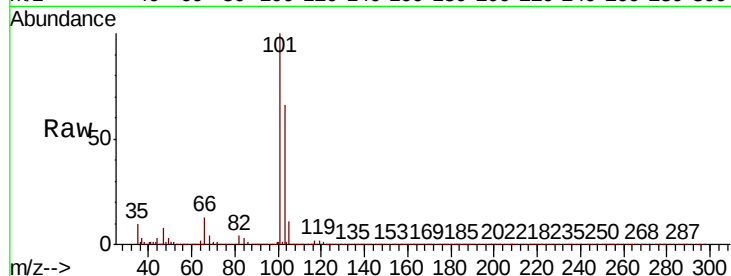
Trichlorofluoromethane
Concen: 18.457 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Instrument :
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ClientSampleId :
VX1226WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	52.2	78.4

Manual Integrations
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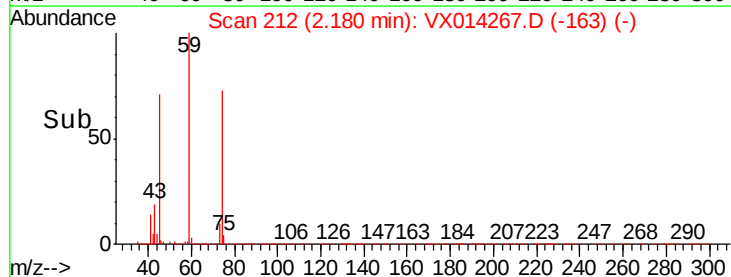
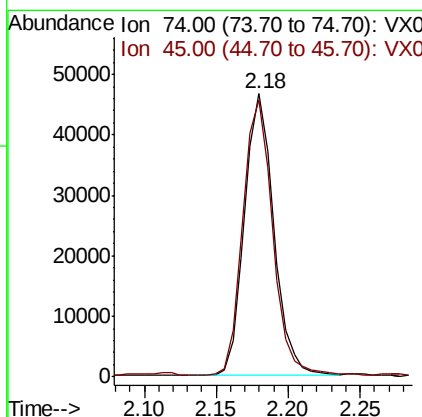
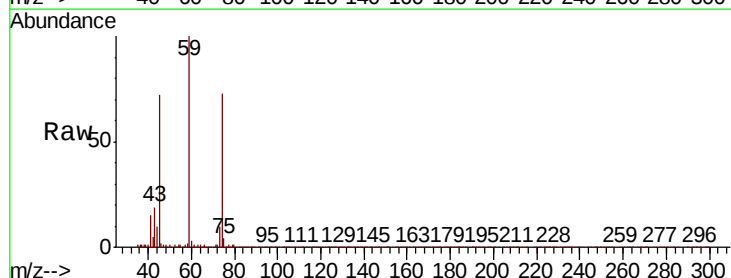
apatel
12/27/2019 12:03:14 PM

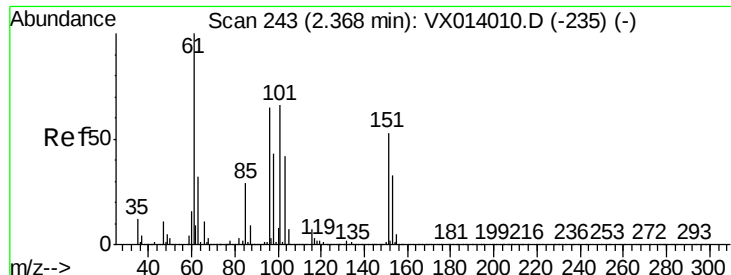


#8

Diethyl Ether
Concen: 18.407 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.1	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.800 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Instrument :

MSVOA_X

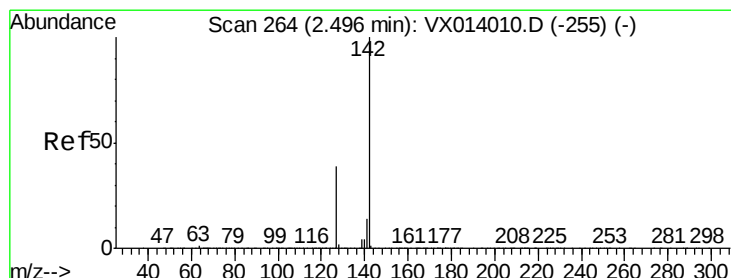
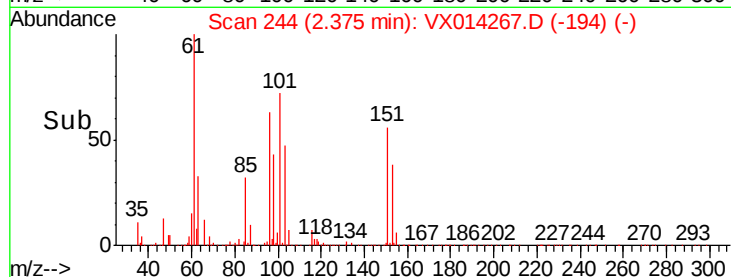
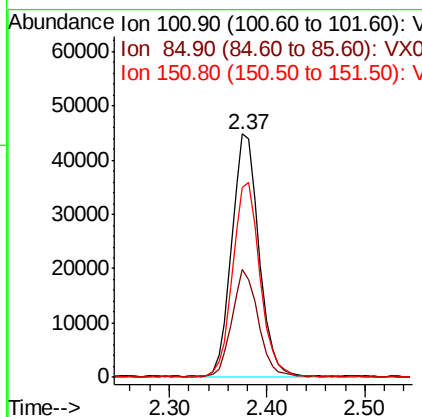
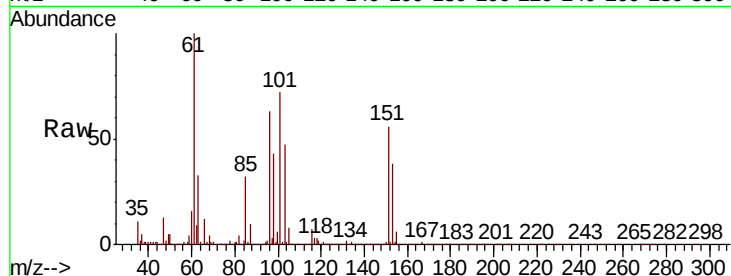
ClientSampleId :

VX1226WBSD01

Tot Ion:	101	Resp:	86212
Ion Ratio	Lower	Upper	
101	100		
85	43.1	33.7	50.5
151	80.5	64.5	96.7

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#10

Methyl Iodide

Concen: 17.987 ug/l

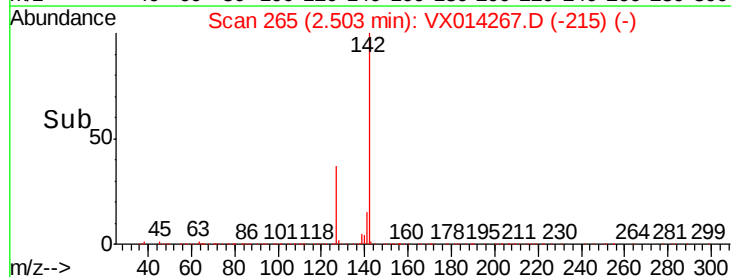
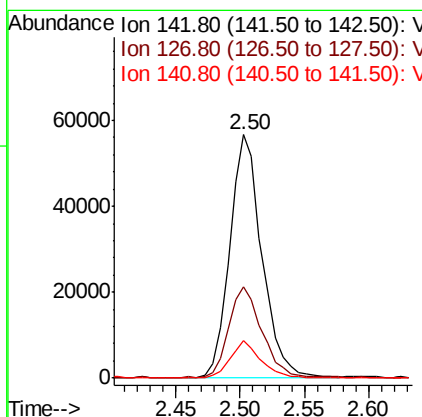
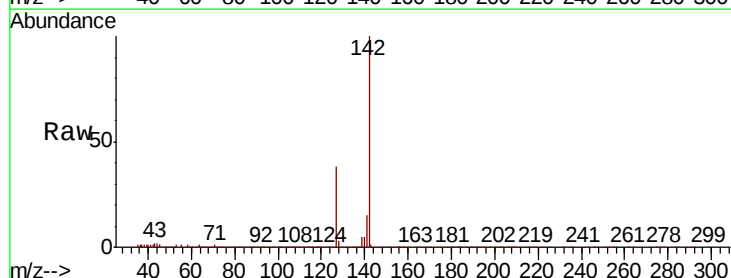
RT: 2.50 min Scan# 265

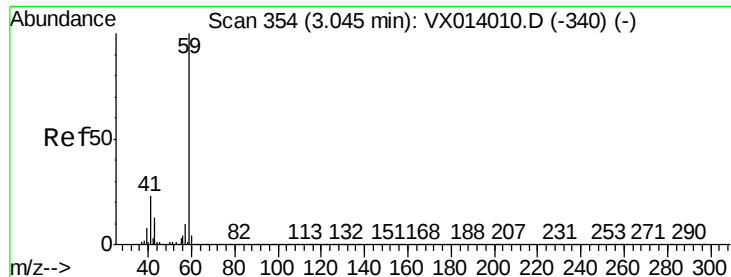
Delta R.T. 0.01 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Tgt Ion:	142	Resp:	98070
Ion Ratio	Lower	Upper	
142	100		
127	39.9	31.6	47.4
141	14.4	11.6	17.4





#11

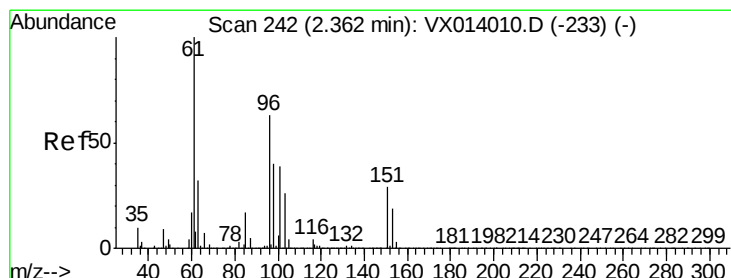
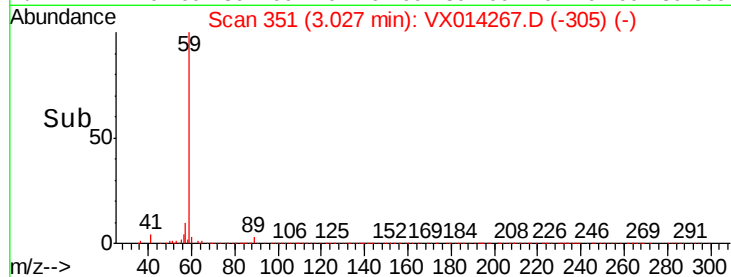
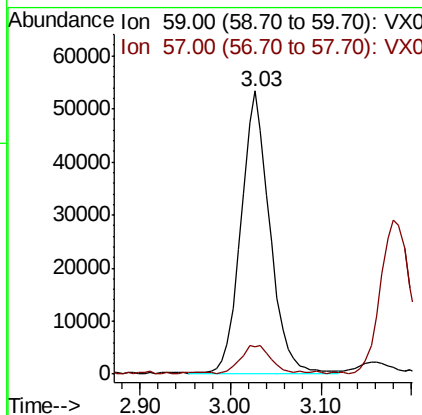
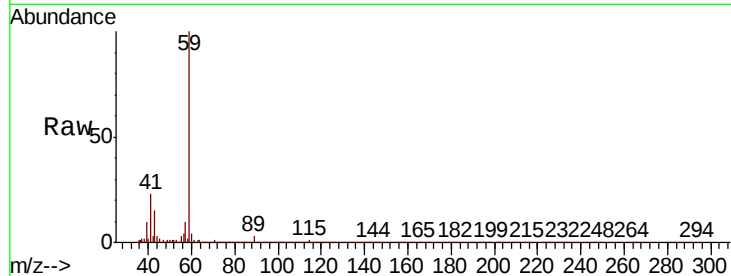
Tert butyl alcohol
Concen: 98.277 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.4	12.6

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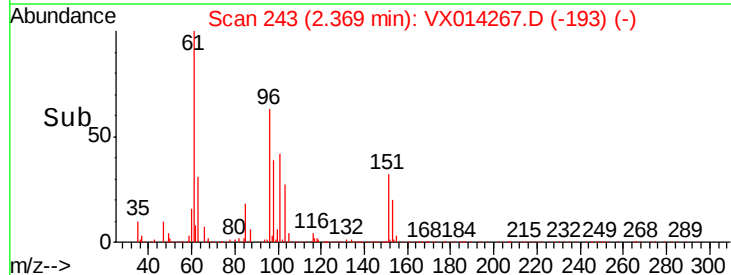
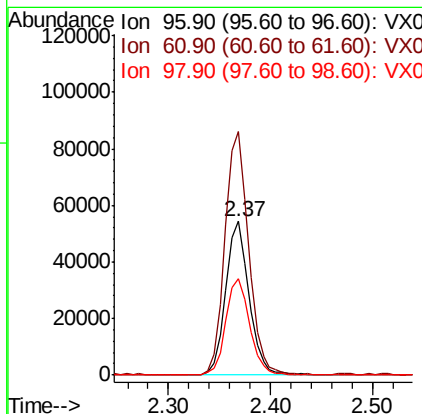
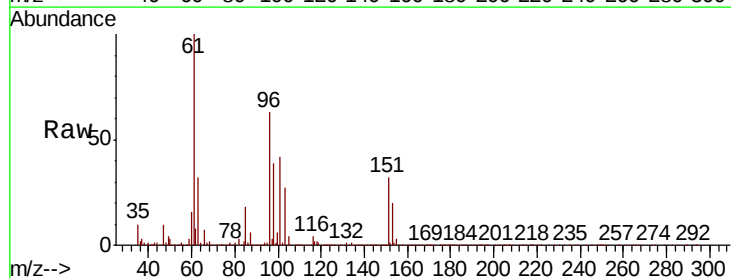
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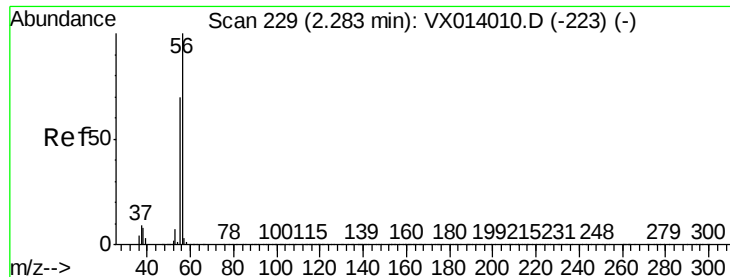


#12

1,1-Dichloroethene
Concen: 18.450 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.0	127.9	191.9
98	62.3	50.5	75.7





#13

Acrolein

Concen: 94.184 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD01

Tot Ion: 56 Resp: 64047

Ion Ratio Lower Upper

56 100

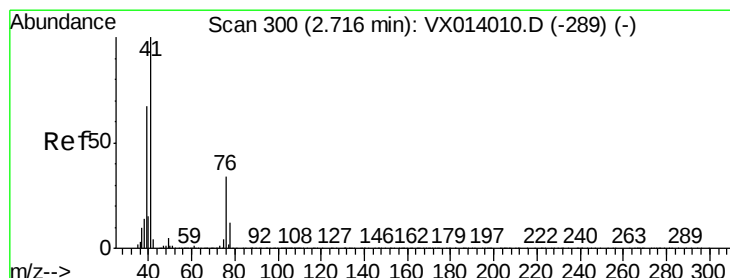
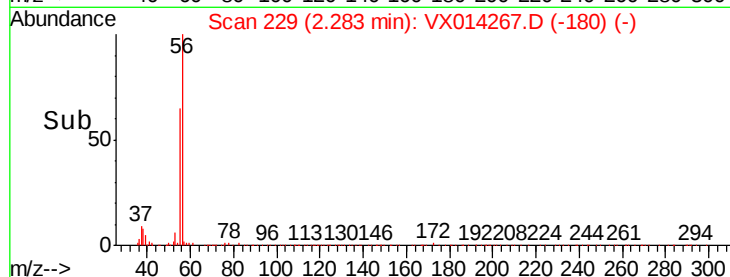
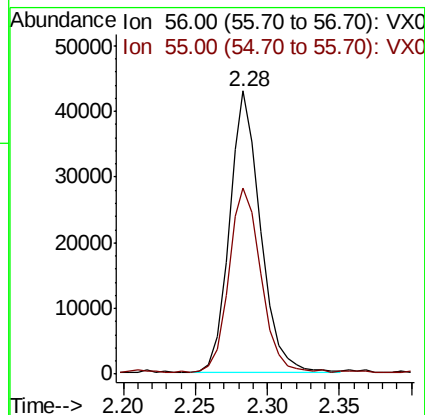
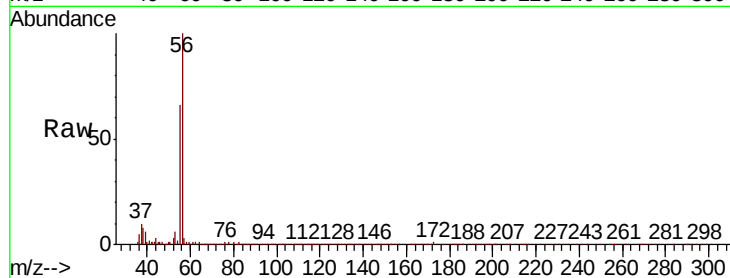
55 67.8 56.9 85.3

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#14

Allyl chloride

Concen: 19.650 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

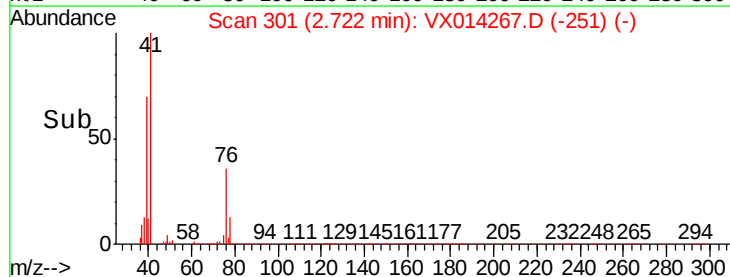
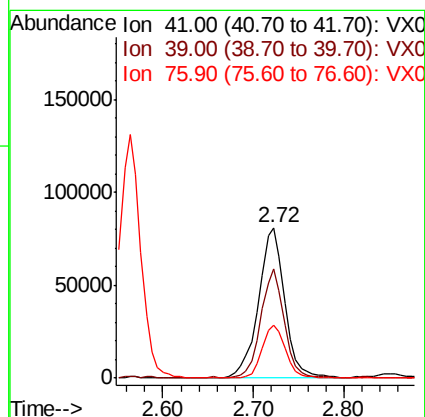
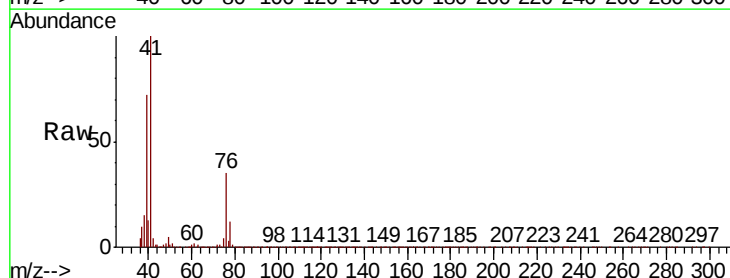
Tgt Ion: 41 Resp: 163710

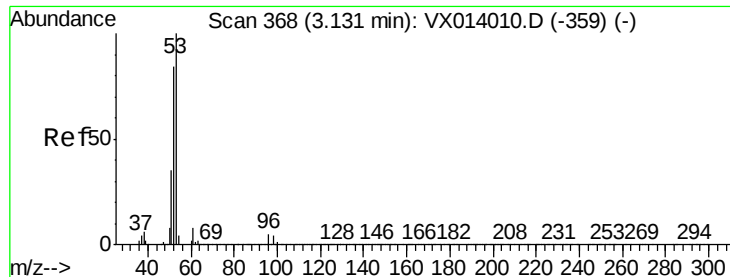
Ion Ratio Lower Upper

41 100

39 64.6 51.8 77.8

76 31.0 25.9 38.9





#15

Acrylonitrile

Concen: 100.974 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Instrument :

MSVOA_X

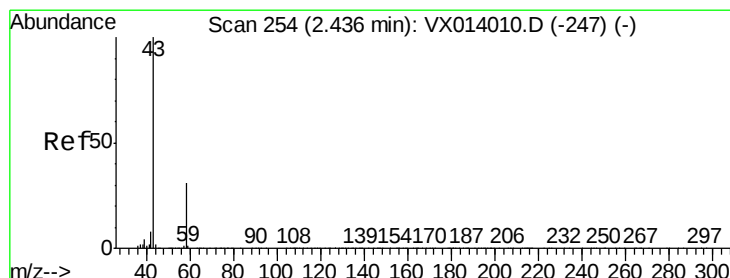
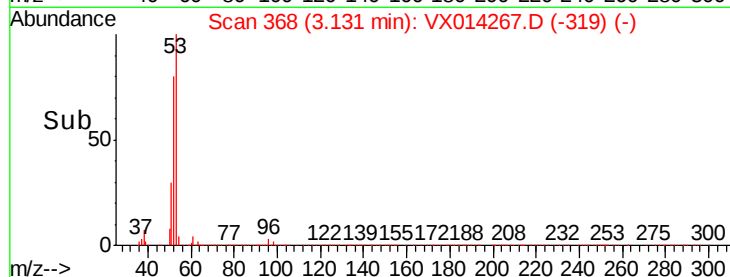
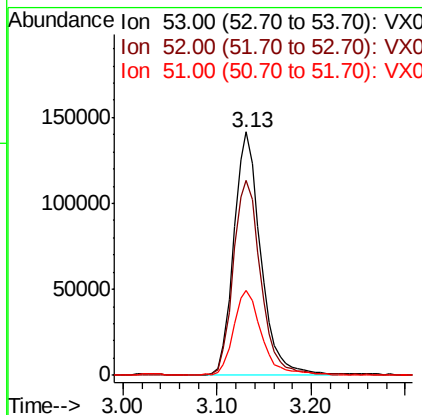
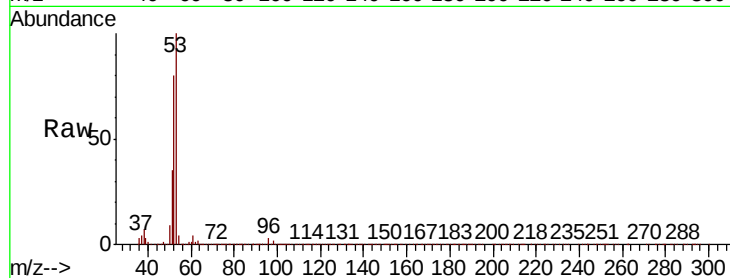
ClientSampleId :

VX1226WBSD01

Tot Ion:	53	Resp:	279975
Ion Ratio		Lower	Upper
53	100		
52	81.8	66.5	99.7
51	36.1	28.1	42.1

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#16

Acetone

Concen: 68.602 ug/l

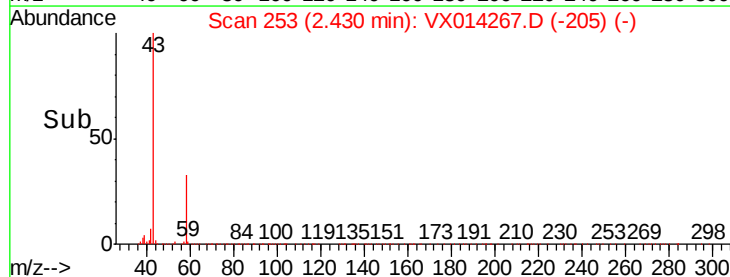
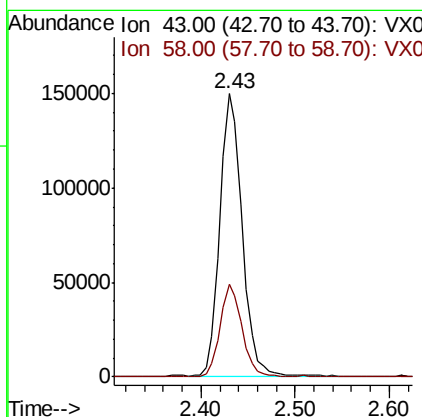
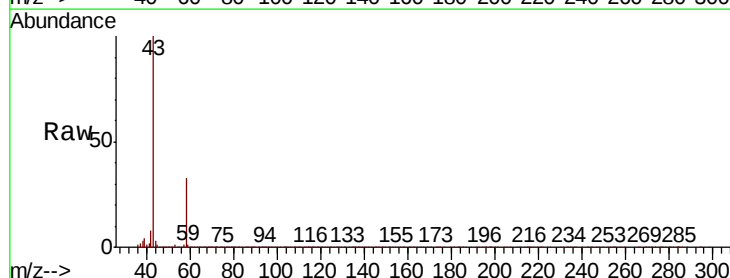
RT: 2.43 min Scan# 253

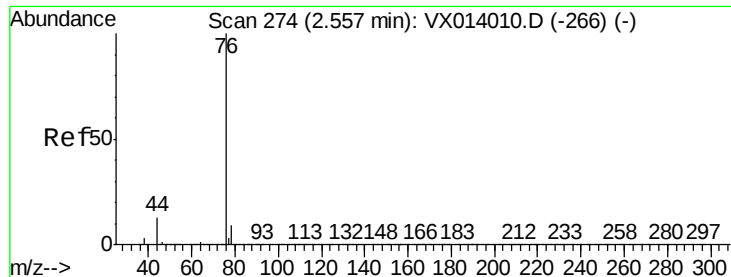
Delta R.T. -0.01 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Tgt Ion:	43	Resp:	244857
Ion Ratio		Lower	Upper
43	100		
58	32.7	24.9	37.3





#17

Carbon Disulfide

Concen: 17.074 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD01

Tot Ion: 76 Resp: 214689

Ion Ratio Lower Upper

76 100

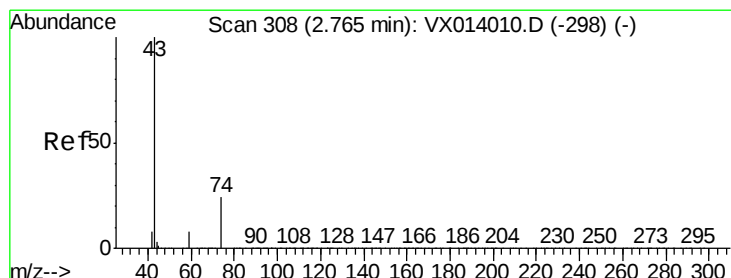
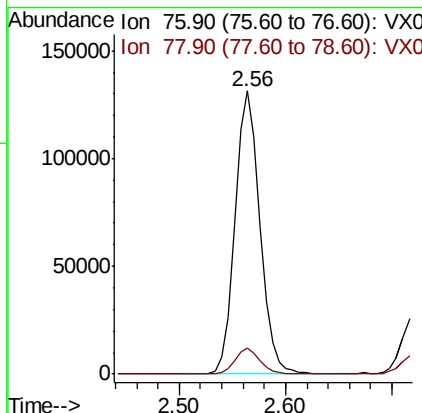
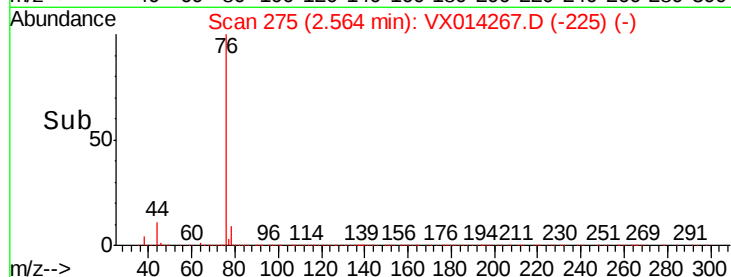
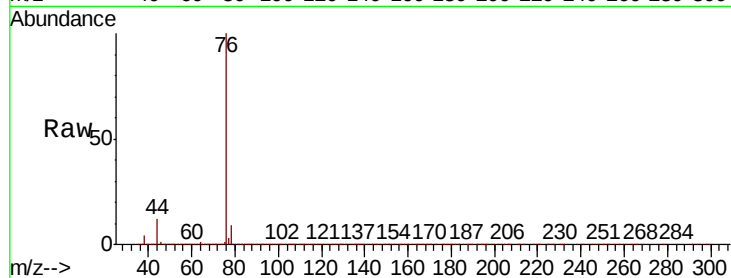
78 9.2 7.2 10.8

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#18

Methyl Acetate

Concen: 20.493 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014267.D

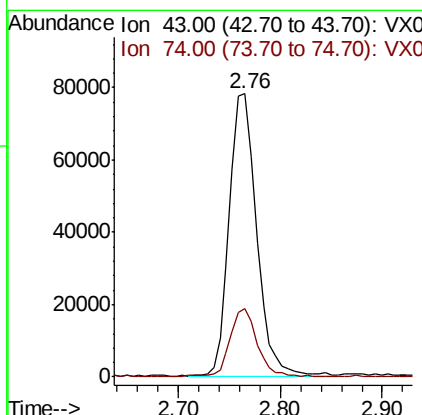
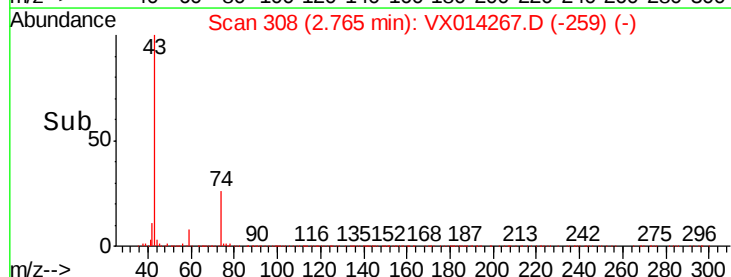
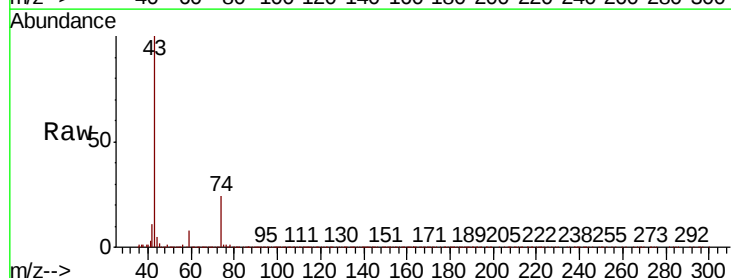
Acq: 26 Dec 2019 14:24

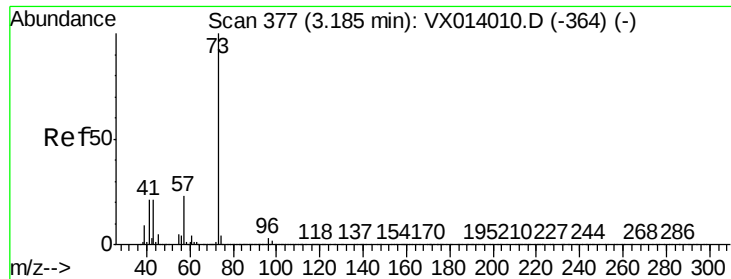
Tgt Ion: 43 Resp: 144942

Ion Ratio Lower Upper

43 100

74 23.1 19.5 29.3





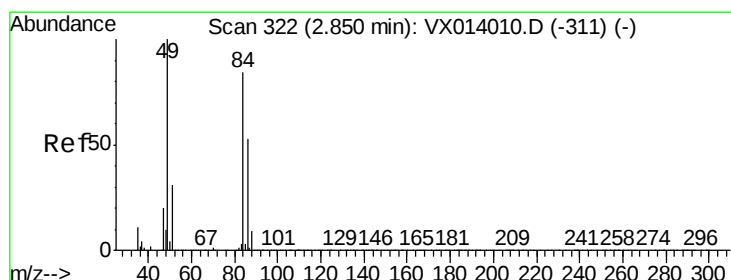
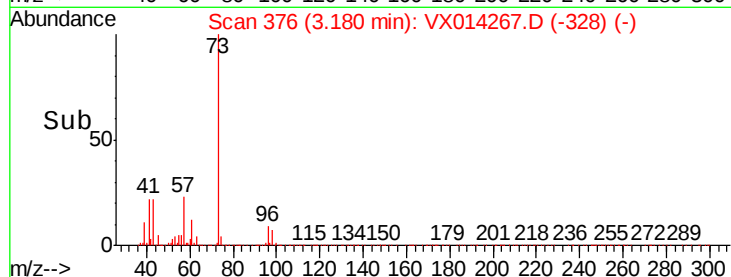
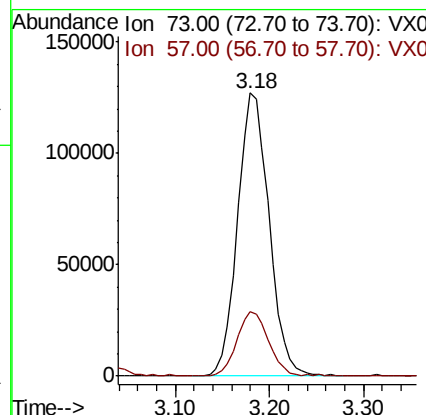
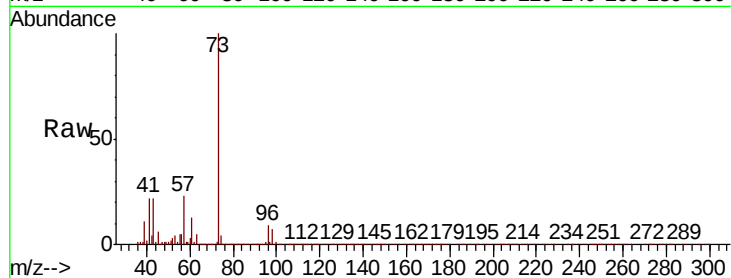
#19
Methyl tert-butyl Ether
Concen: 19.310 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.8	28.2

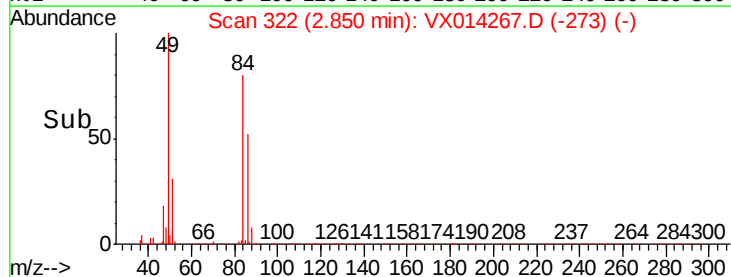
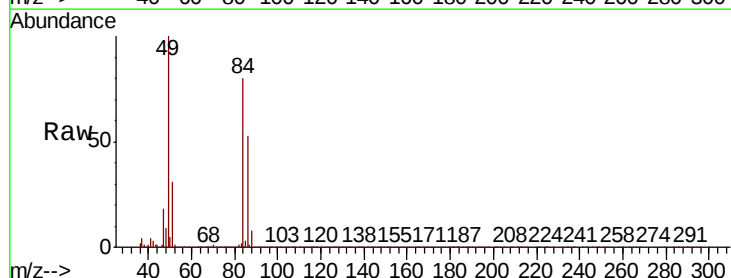
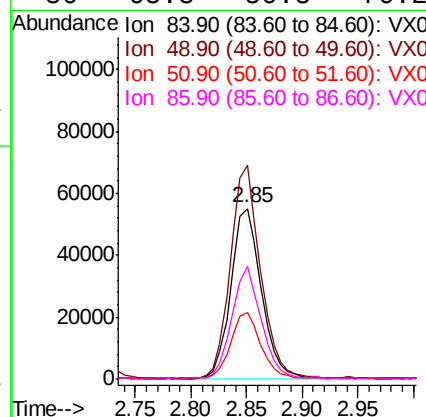
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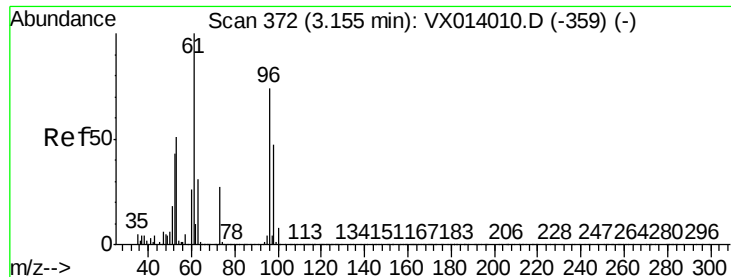
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#20
Methylene Chloride
Concen: 18.501 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.3	95.8	143.6
51	38.7	29.8	44.8
86	65.8	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 18.361 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Instrument :

MSVOA_X

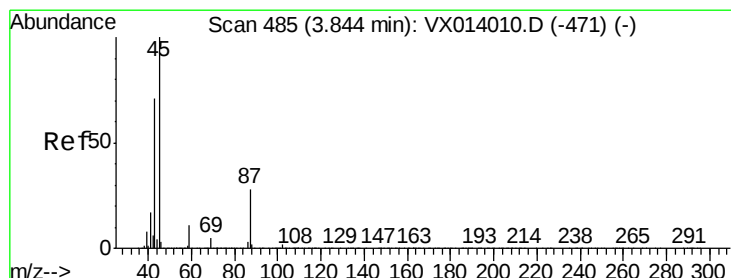
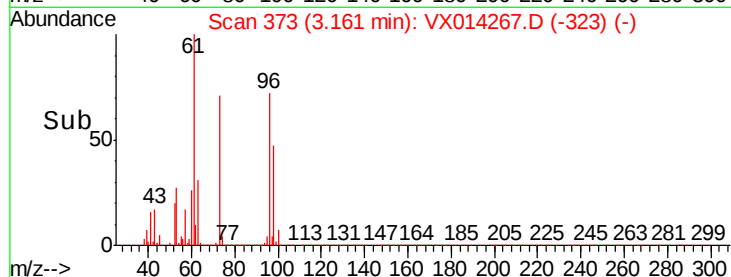
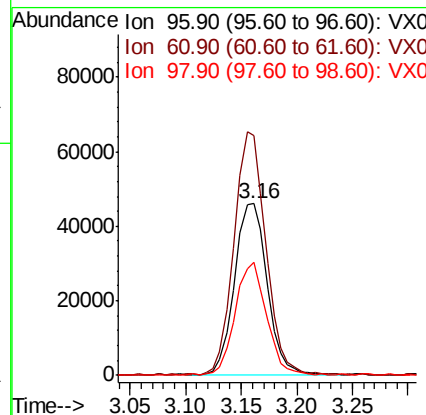
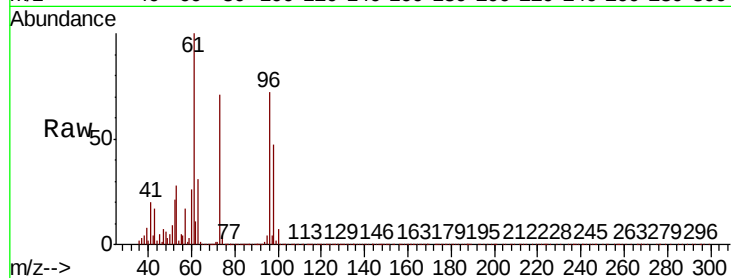
ClientSampleId :

VX1226WBSD01

Tot Ion:	96	Resp:	94391
Ion Ratio	Lower	Upper	
96	100		
61	138.6	108.3	162.5
98	64.9	50.8	76.2

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#22

Diisopropyl ether

Concen: 20.375 ug/l

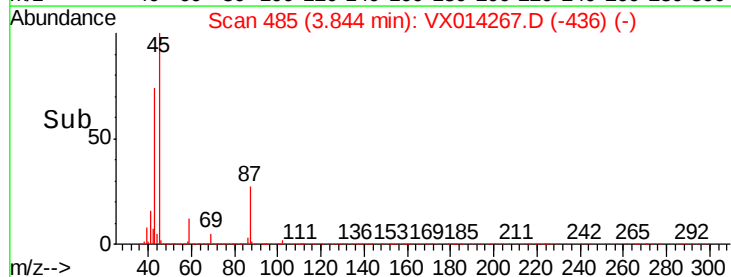
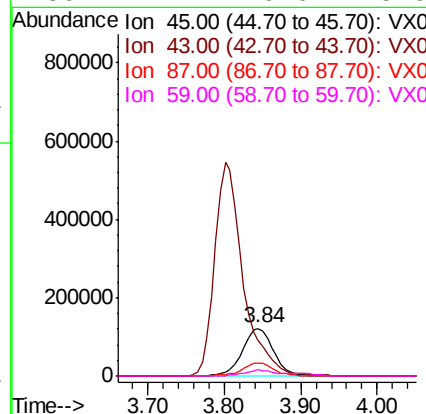
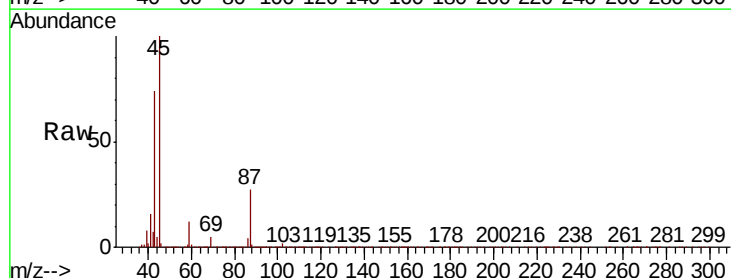
RT: 3.84 min Scan# 485

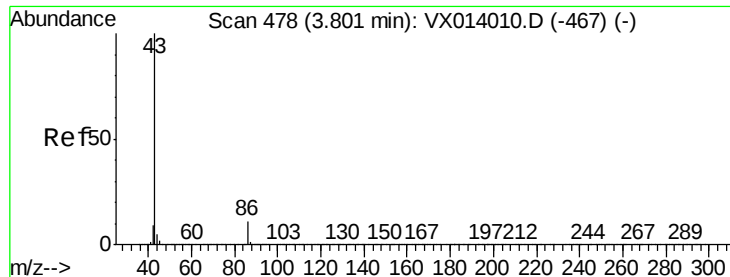
Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Tgt Ion:	45	Resp:	338271
Ion Ratio	Lower	Upper	
45	100		
43	72.8	57.4	86.0
87	27.2	21.9	32.9
59	12.1	9.0	13.6





#23

Vinyl Acetate

Concen: 104.117 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD01

Tot Ion: 43 Resp: 1410631

Ion Ratio Lower Upper

43 100

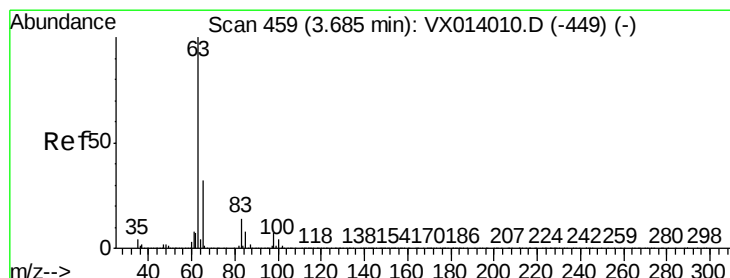
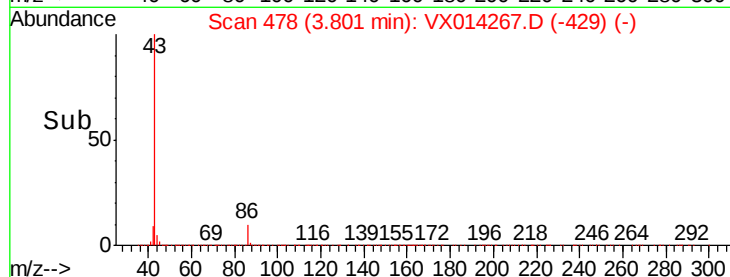
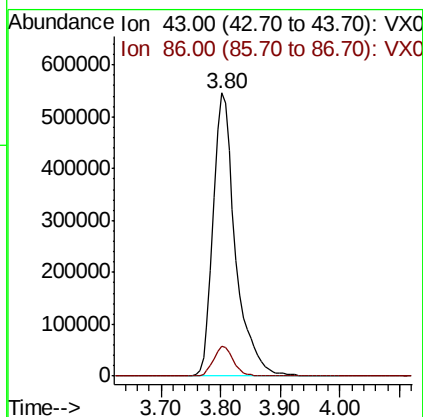
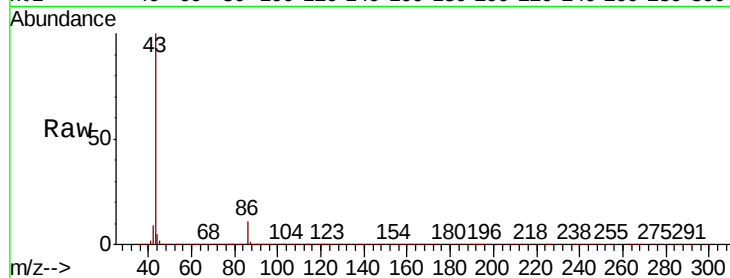
86 10.5 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 19.043 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

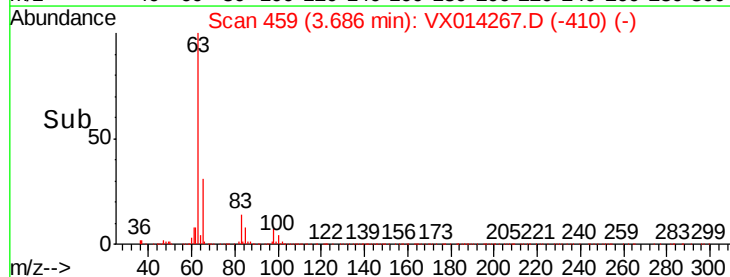
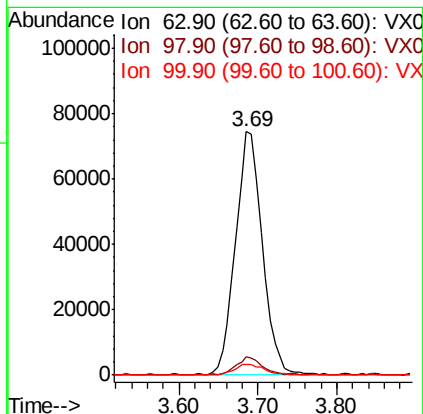
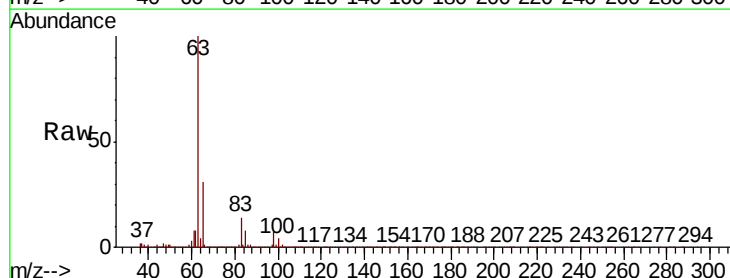
Tgt Ion: 63 Resp: 175901

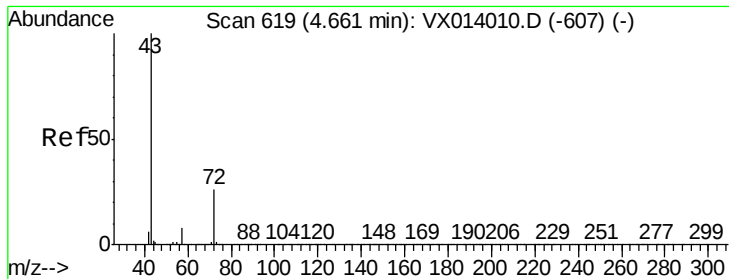
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.1 2.3 6.8





#25

2-Butanone

Concen: 88.889 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Tot Ion: 43 Resp: 391153

Ion Ratio Lower Upper

43 100

72 25.4 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

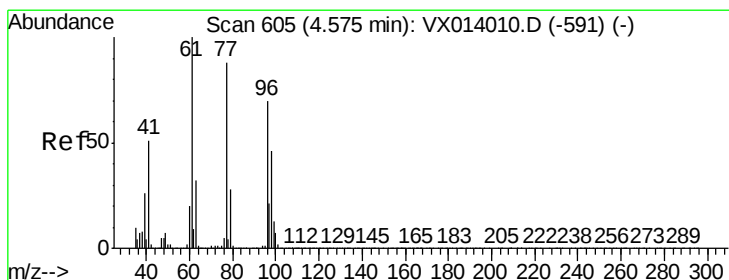
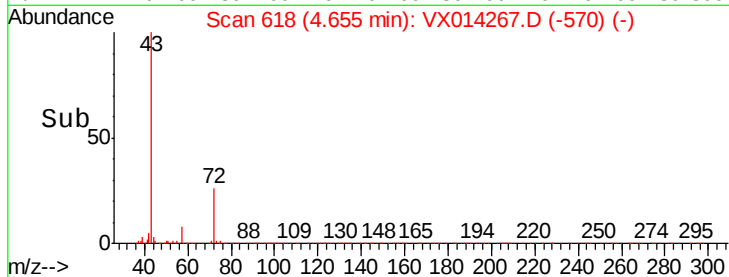
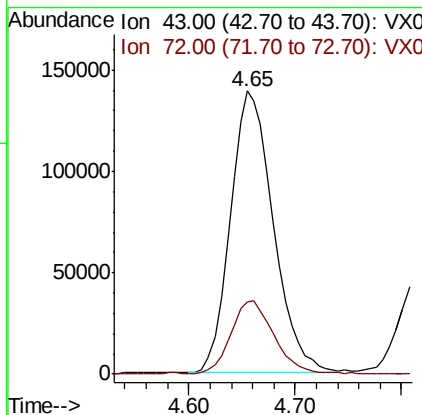
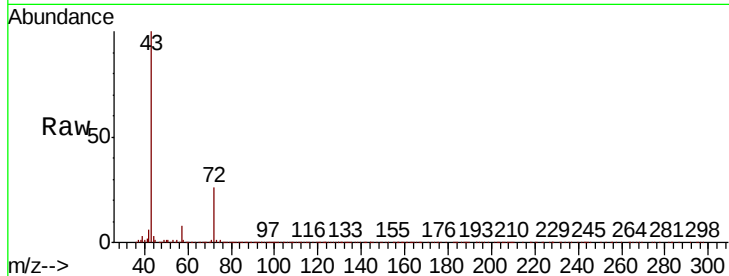
VX1226WBSD01

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#26

2,2-Dichloropropane

Concen: 18.295 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014267.D

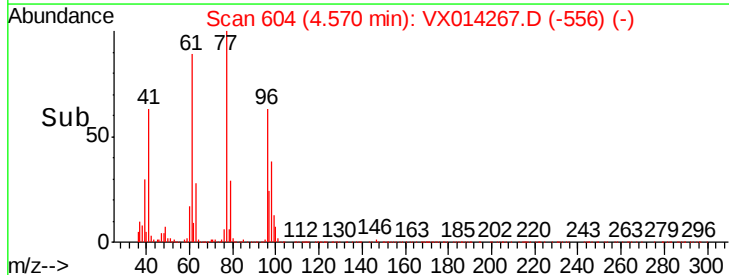
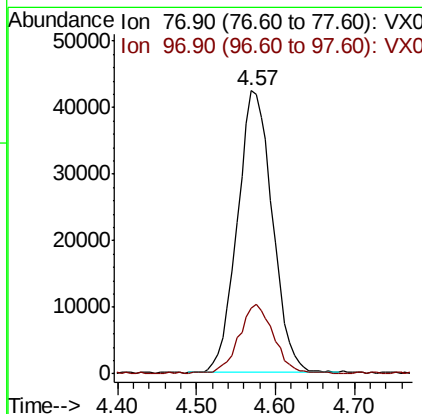
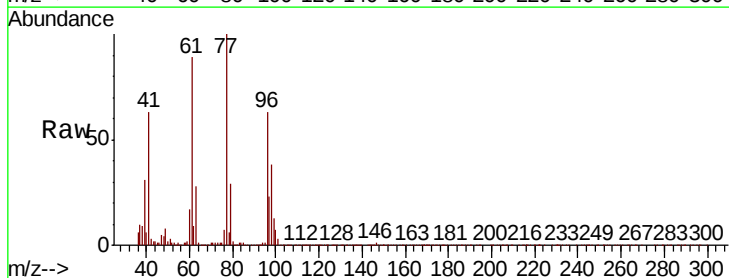
Acq: 26 Dec 2019 14:24

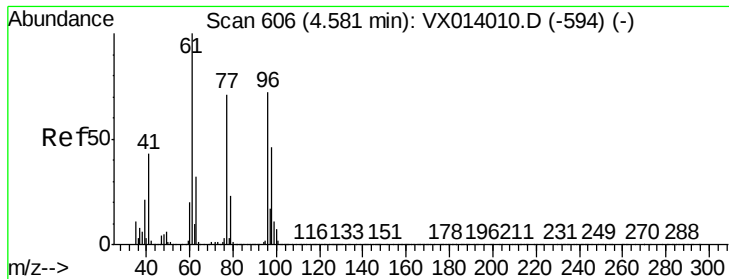
Tgt Ion: 77 Resp: 131209

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.9





#27

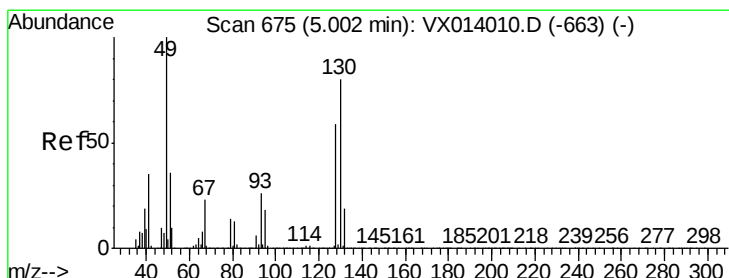
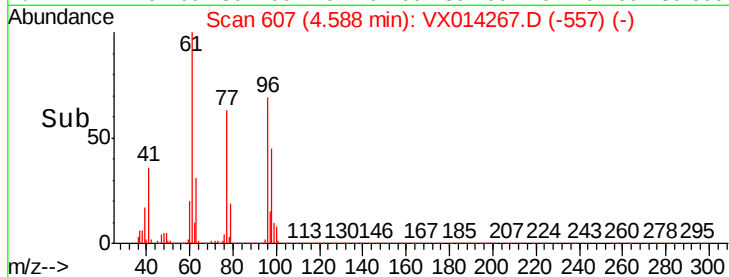
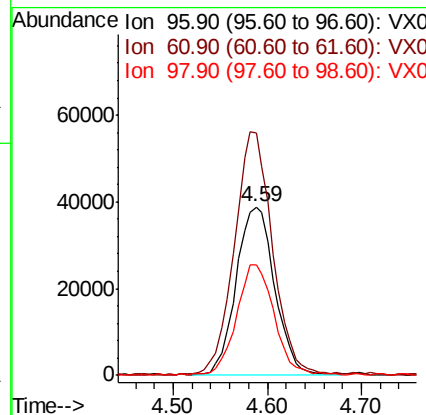
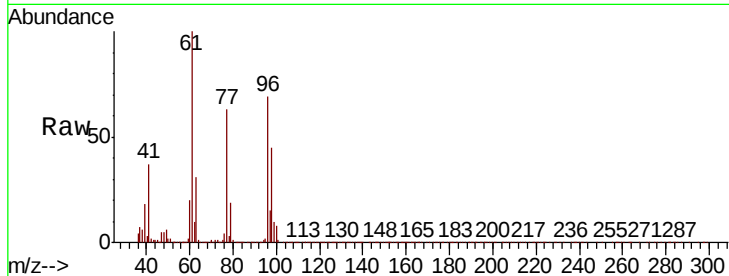
cis-1,2-Dichloroethene
Concen: 18.931 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	110066		
61	142.1	0.0	288.4	
98	64.8	0.0	129.6	

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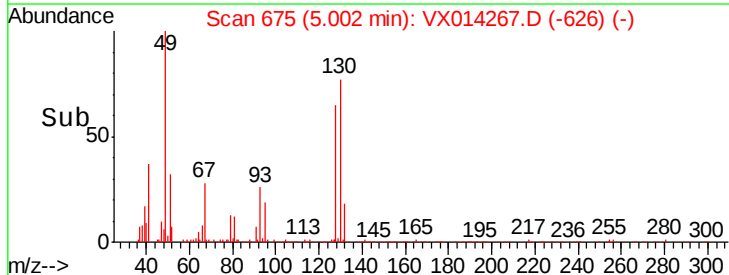
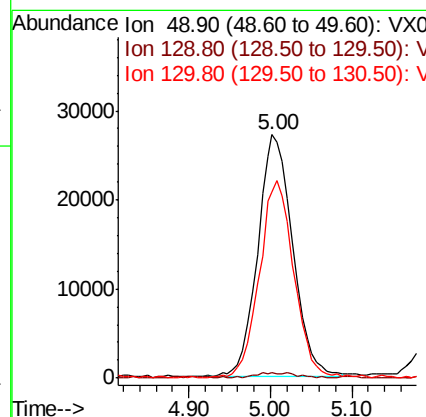
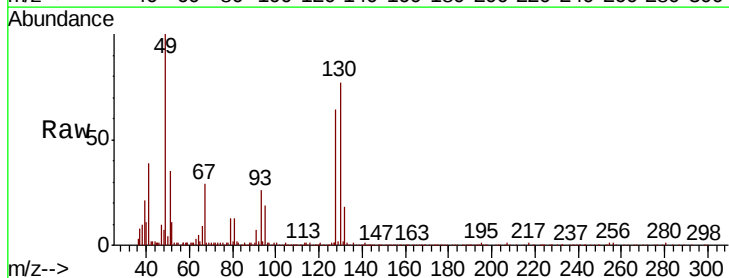
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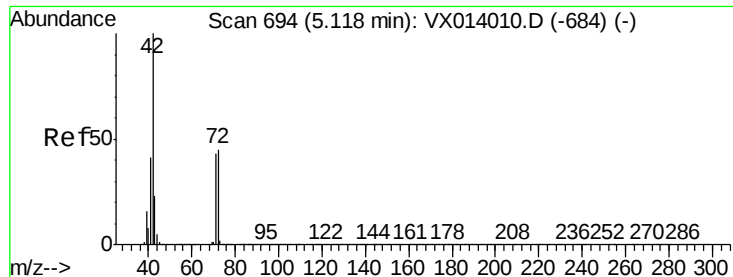


#28

Bromochloromethane
Concen: 23.075 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	81096		
129	2.7	0.0	5.0	
130	80.0	64.6	97.0	





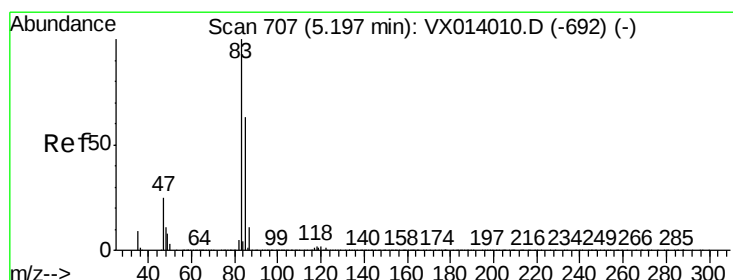
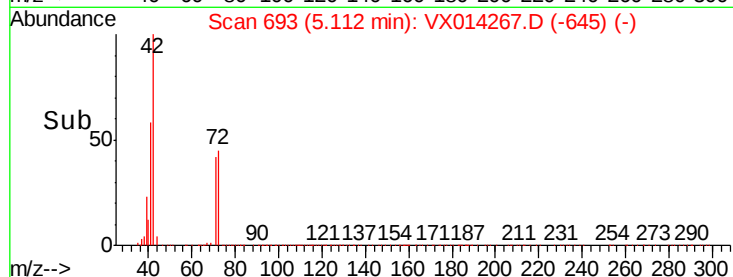
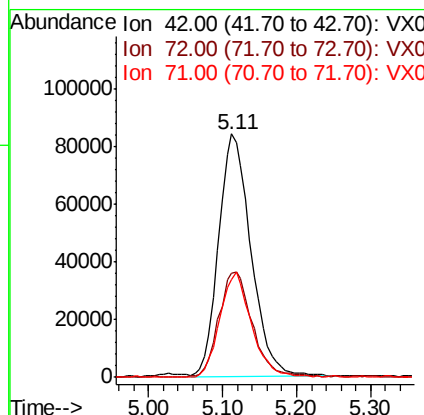
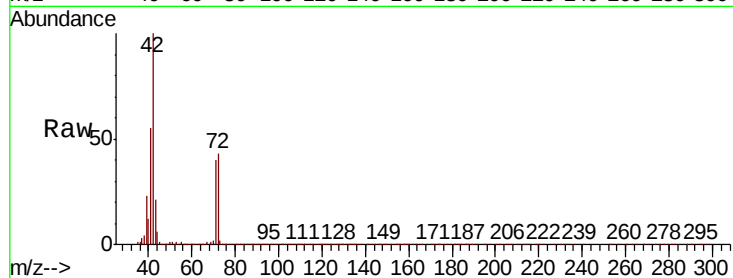
#29
Tetrahydrofuran
Concen: 103.091 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
72	44.9	35.8	53.8		
71	42.1	33.6	50.4		

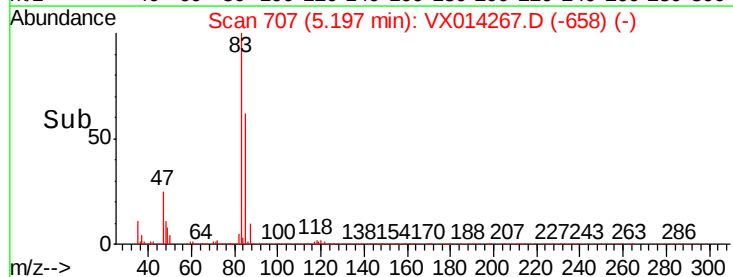
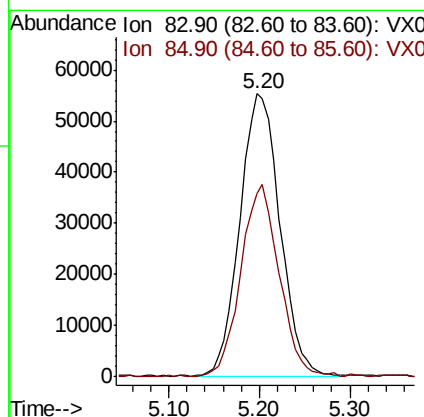
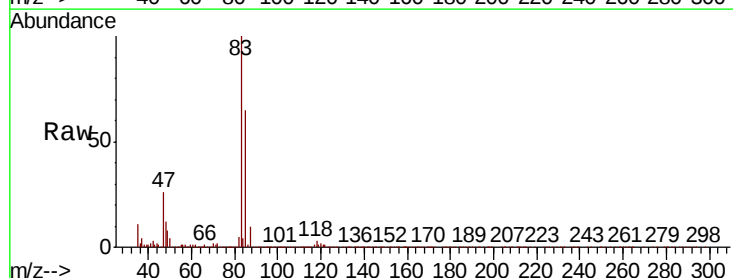
Manual Integrations
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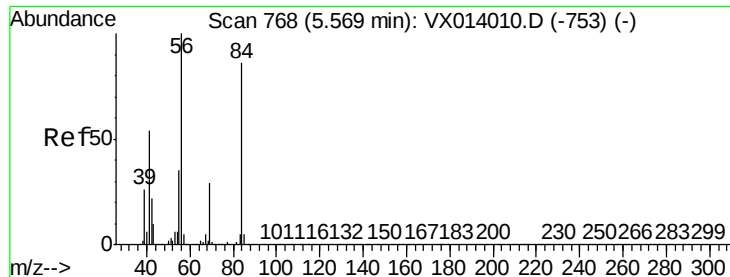
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#30
Chloroform
Concen: 19.360 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
85	64.7	50.8	76.2		





#31

Cyclohexane

Concen: 19.165 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Instrument :

MSVOA_X

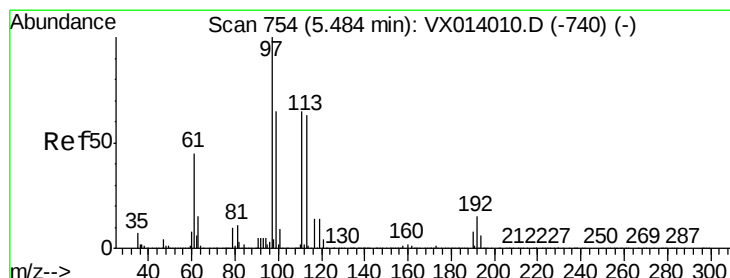
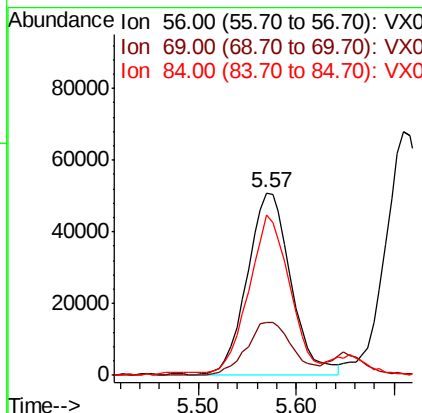
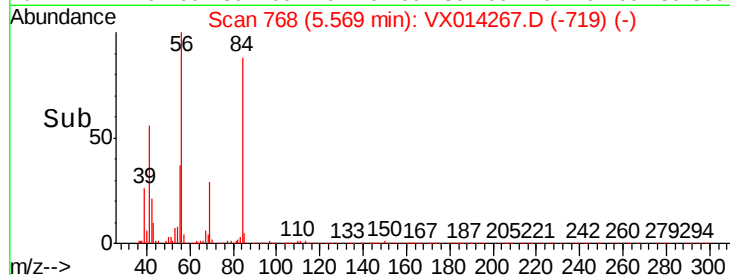
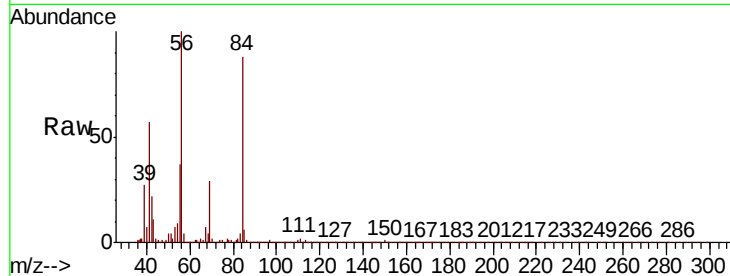
ClientSampleId :

VX1226WBSD01

Tot Ion:	56	Resp:	157448
Ion	Ratio	Lower	Upper
56	100		
69	28.6	23.2	34.8
84	86.5	69.2	103.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.911 ug/l

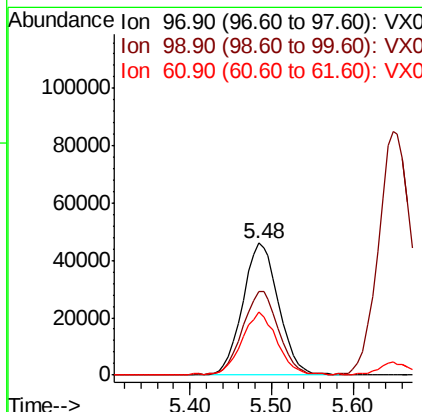
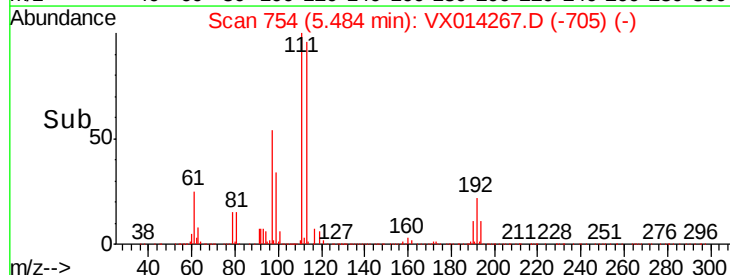
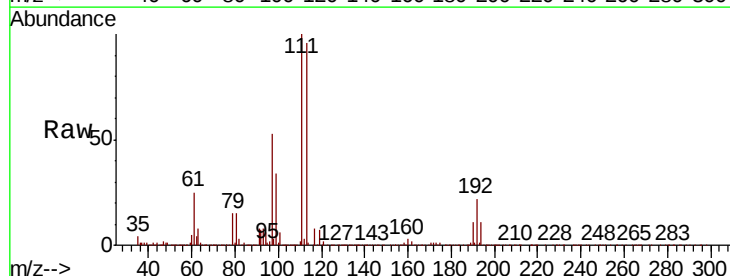
RT: 5.48 min Scan# 754

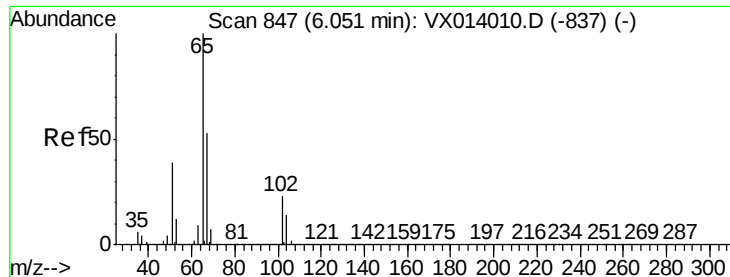
Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Tgt Ion:	97	Resp:	141133
Ion	Ratio	Lower	Upper
97	100		
99	62.7	52.0	78.0
61	45.1	36.7	55.1





#33

1,2-Dichloroethane-d4

Concen: 52.361 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD01

Tot Ion: 65 Resp: 287871

Ion Ratio Lower Upper

65 100

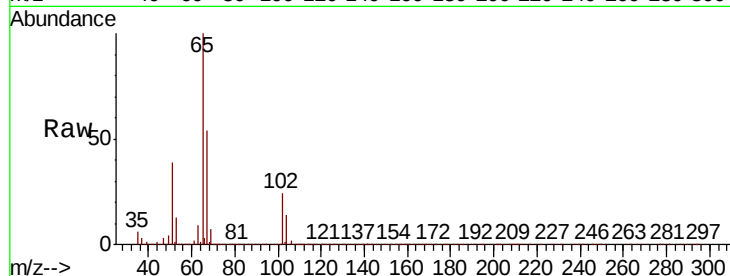
67 54.5 0.0 106.4

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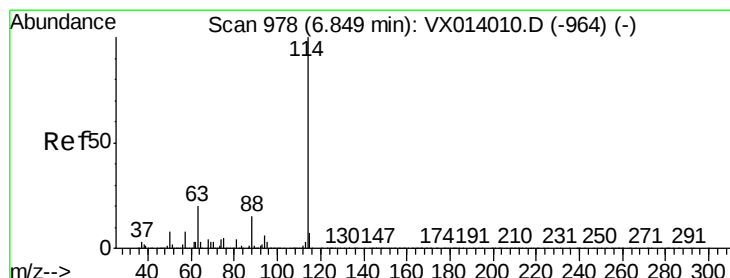
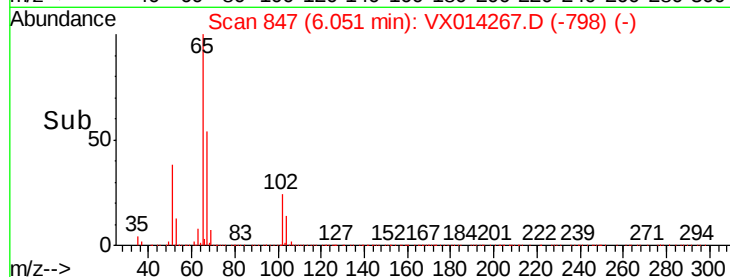
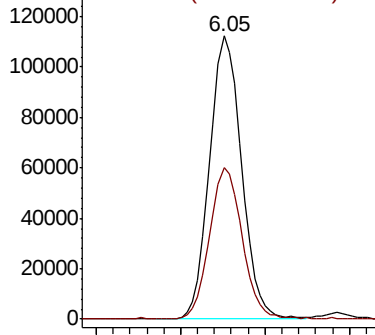
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

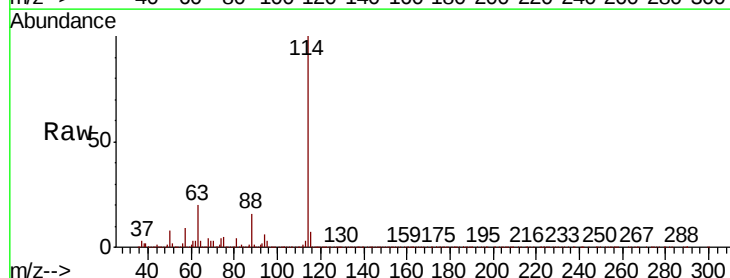
Tgt Ion: 114 Resp: 752629

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

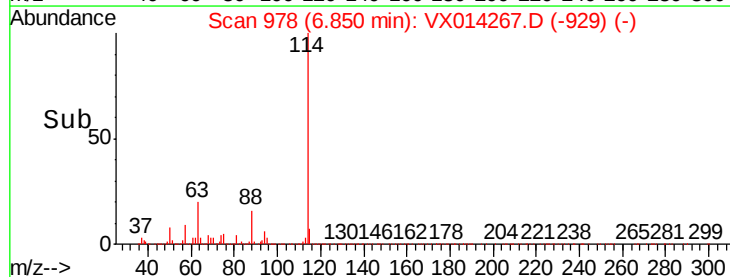
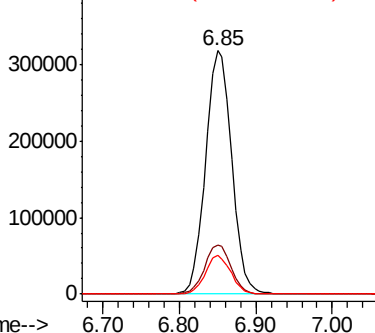
88 15.7 0.0 30.4

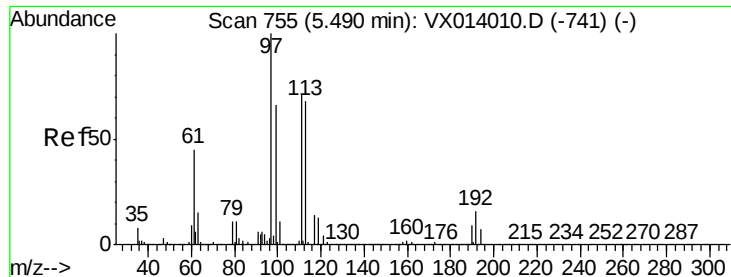


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.758 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Instrument :

MSVOA_X

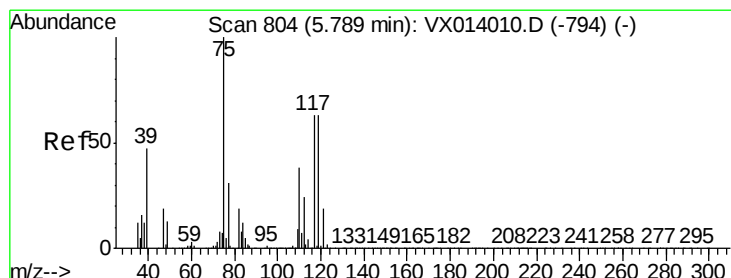
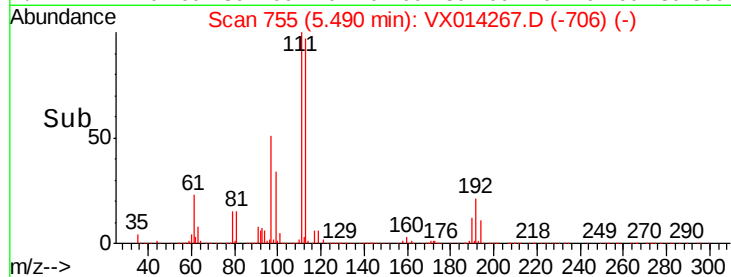
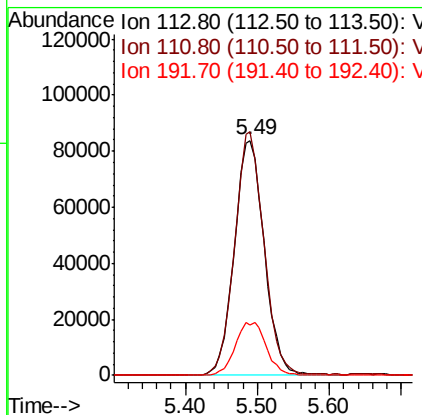
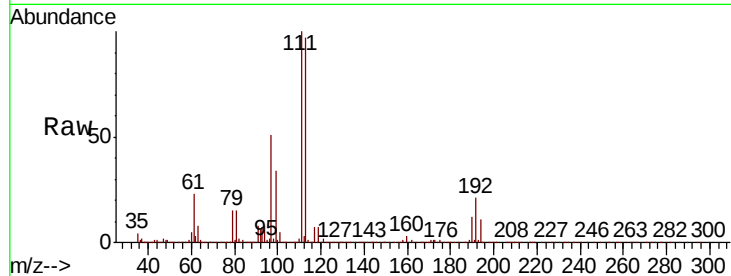
ClientSampleId :

VX1226WBSD01

Tot Ion:	113	Resp:	241375
Ion Ratio	Lower	Upper	
113	100		
111	101.0	82.0	123.0
192	23.3	19.3	28.9

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#36

1,1-Dichloropropene

Concen: 18.202 ug/l

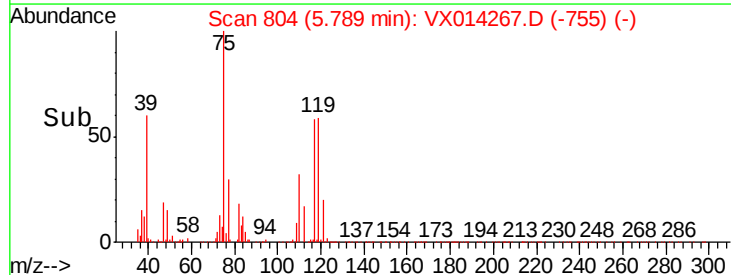
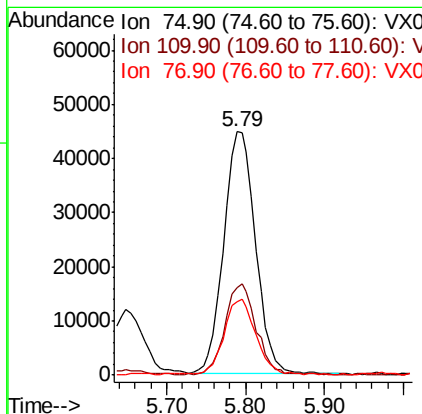
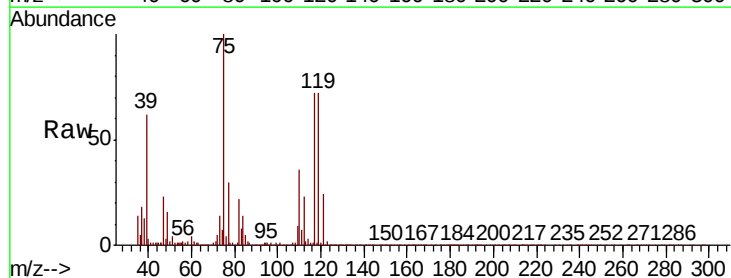
RT: 5.79 min Scan# 804

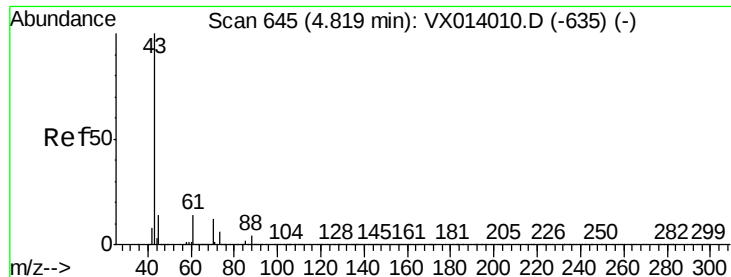
Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Tgt Ion:	75	Resp:	125701
Ion Ratio	Lower	Upper	
75	100		
110	37.7	18.3	54.9
77	30.5	24.8	37.2





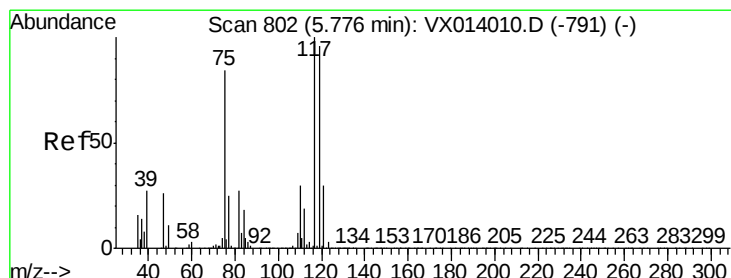
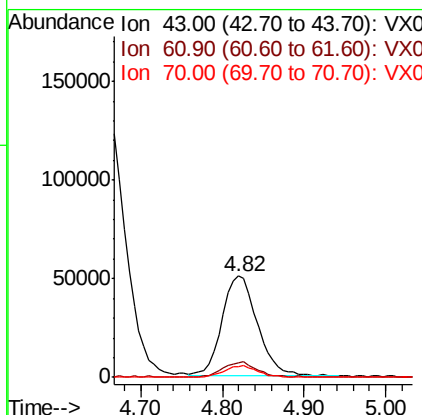
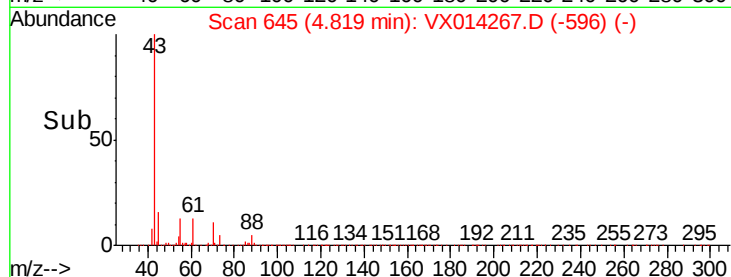
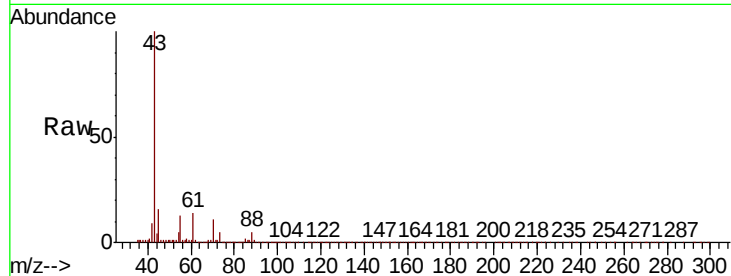
#37
Ethyl Acetate
Concen: 20.158 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.8	16.2
70	10.6	8.6	12.8

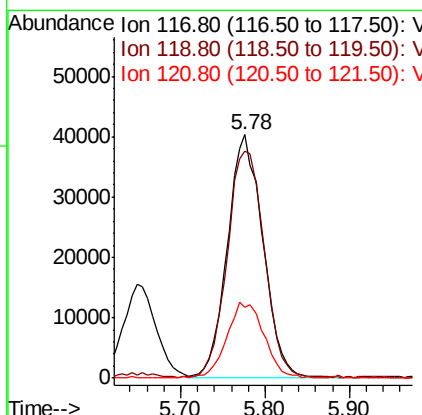
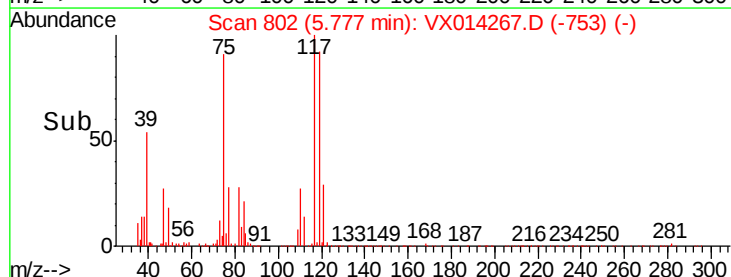
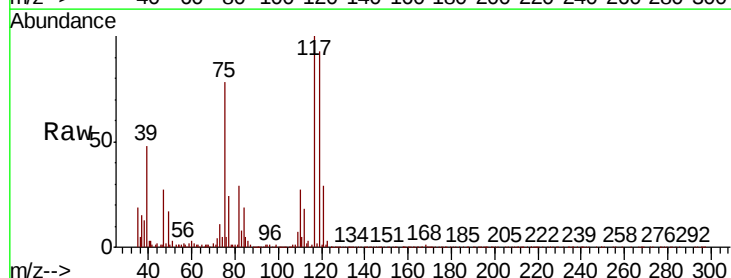
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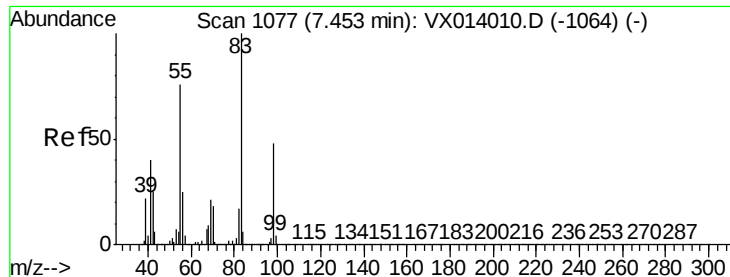
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#38
Carbon Tetrachloride
Concen: 18.204 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	76.2	114.4
121	29.3	23.6	35.4





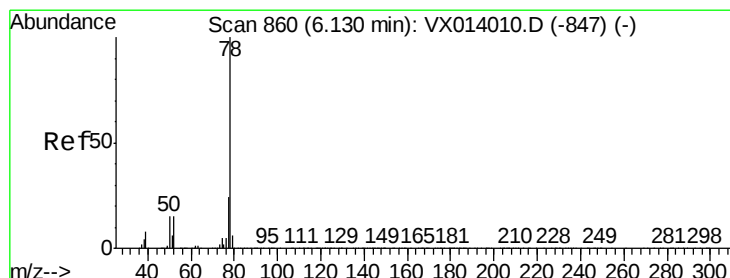
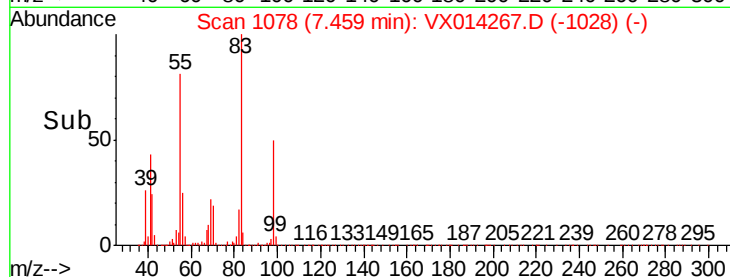
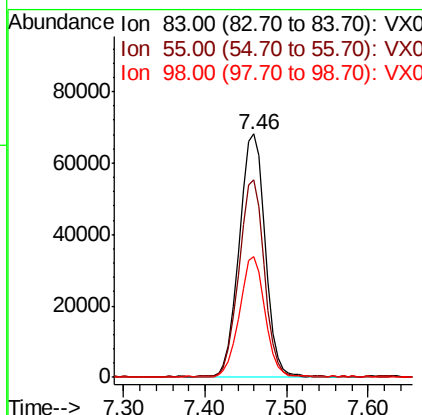
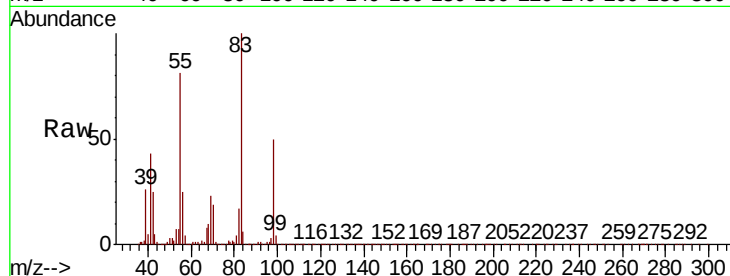
#39
Methvlcvclohexane
Concen: 17.654 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	80.8	61.0	91.6	
98	49.4	38.6	57.8	

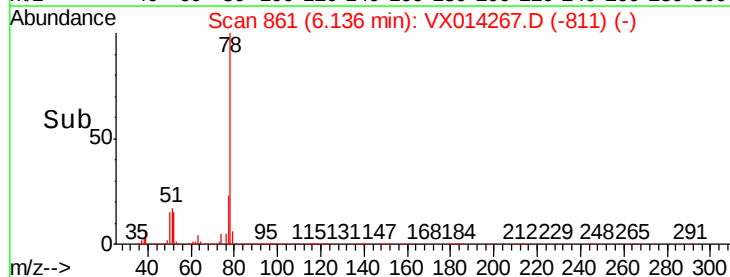
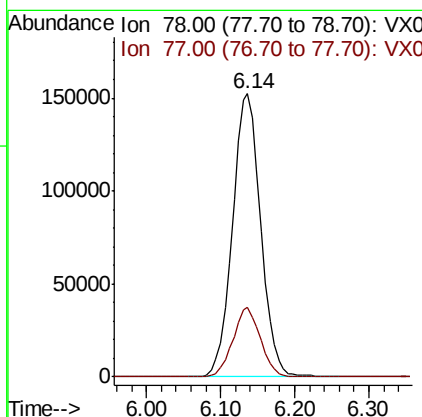
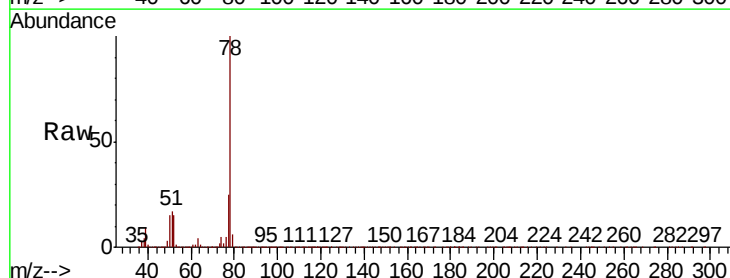
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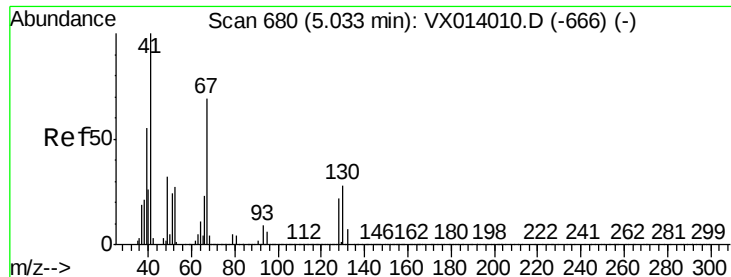
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#40
Benzene
Concen: 18.867 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.7	18.8	28.2	





#41

Methacrylonitrile

Concen: 19.270 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX014267.D

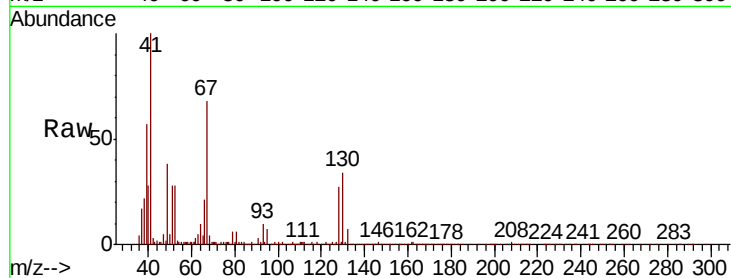
Acq: 26 Dec 2019 14:24

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		81536		
39	60.2	44.5	66.7		
67	73.5	57.4	86.0		
52	29.5	23.0	34.4		

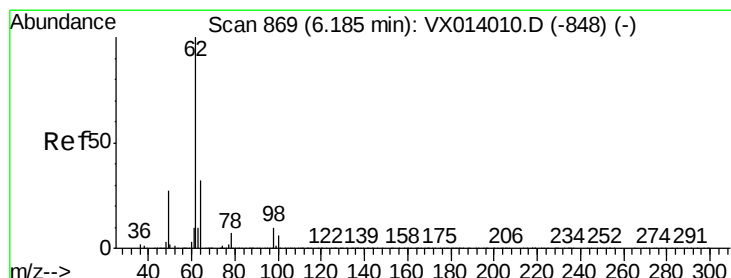
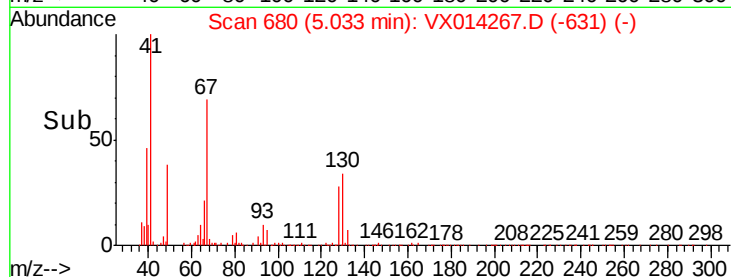
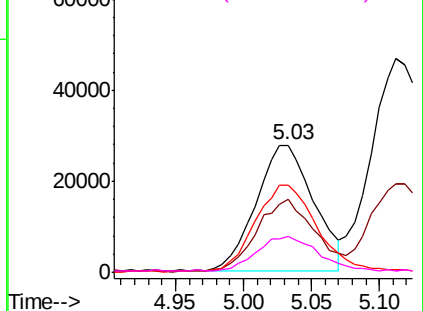
Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

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Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.098 ug/l

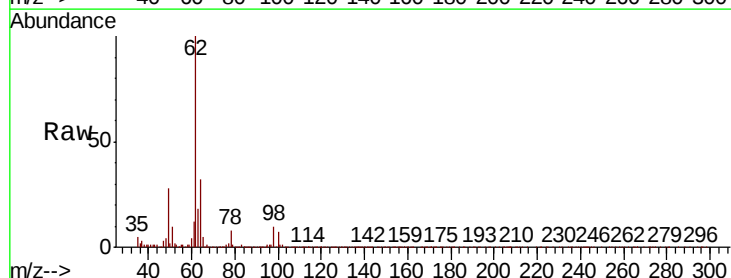
RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

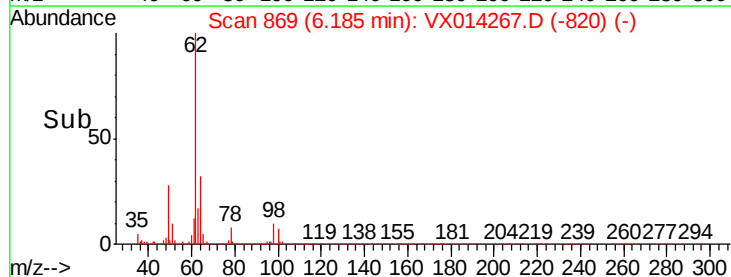
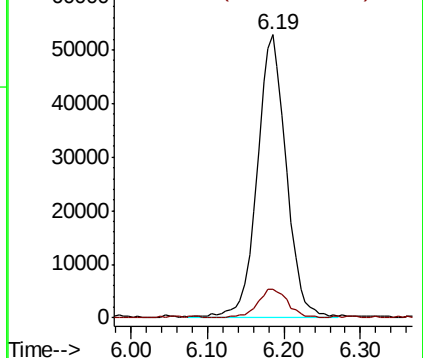
Lab File: VX014267.D

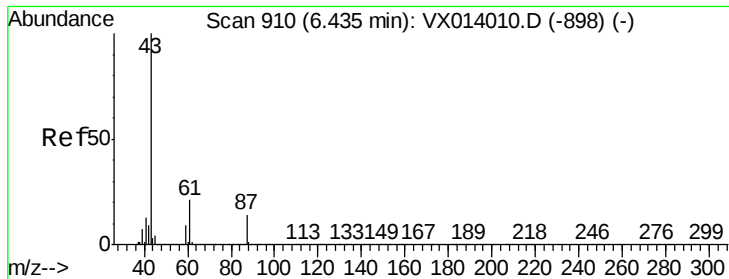
Acq: 26 Dec 2019 14:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		137555		
98	10.5	0.0	21.0		



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

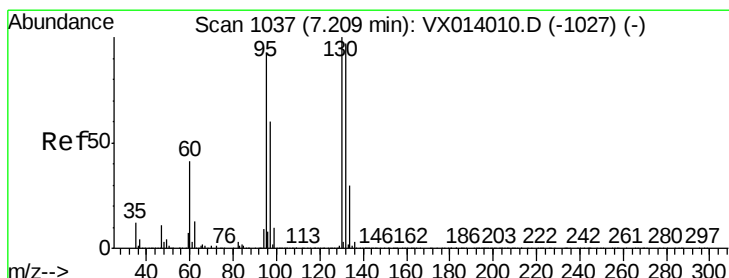
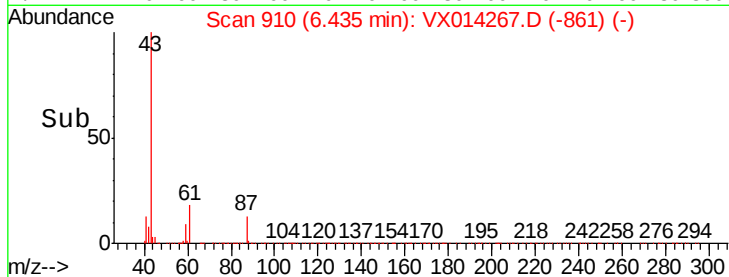
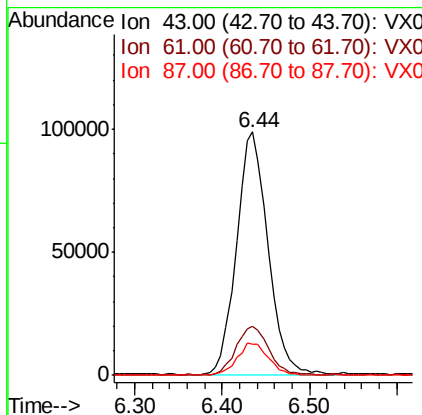
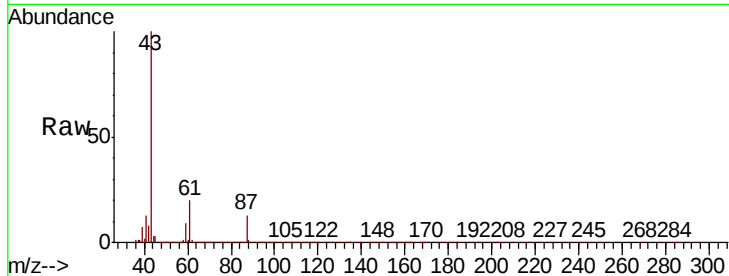
Isopropyl Acetate
 Concen: 19.497 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014267.D
 Acq: 26 Dec 2019 14:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.4	24.6
87	13.4	10.7	16.1

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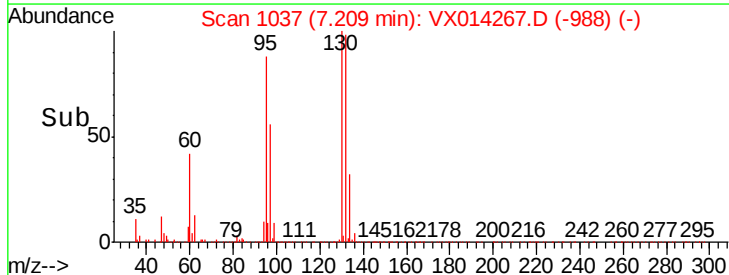
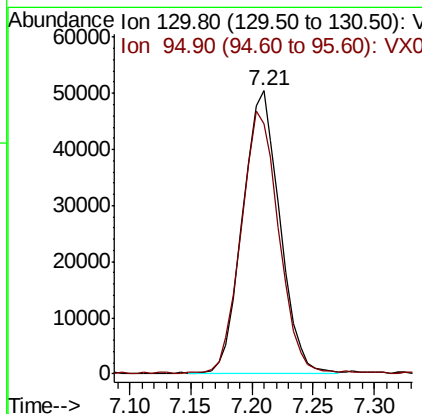
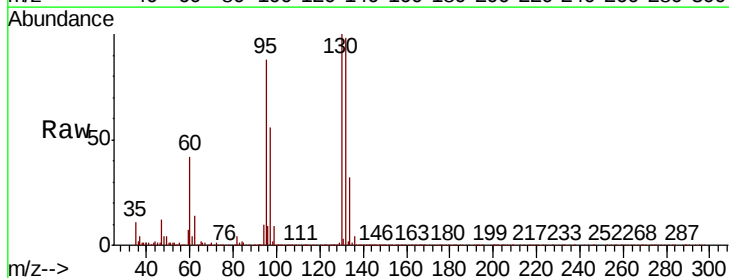
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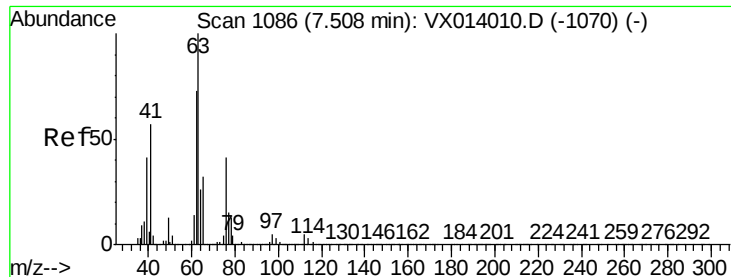


#44

Trichloroethene
 Concen: 18.083 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014267.D
 Acq: 26 Dec 2019 14:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.1	0.0	185.6





#45

1,2-Dichloropropane

Concen: 19.218 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD01

Tot Ion: 63 Resp: 104664

Ion Ratio Lower Upper

63 100

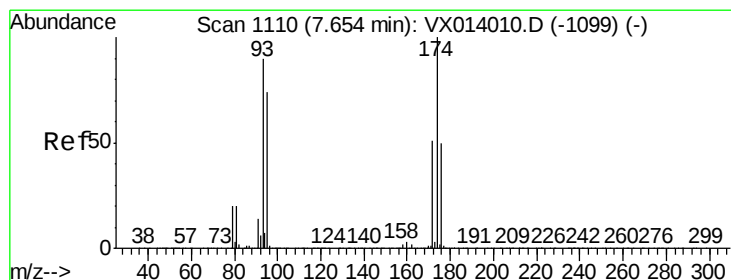
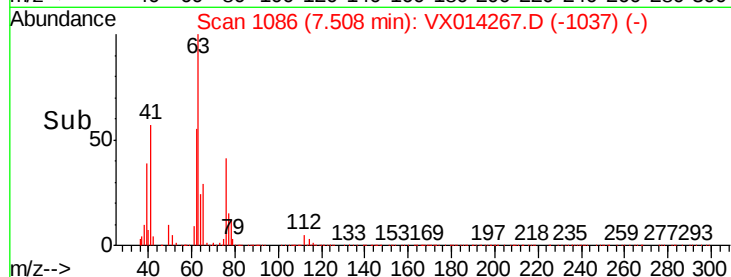
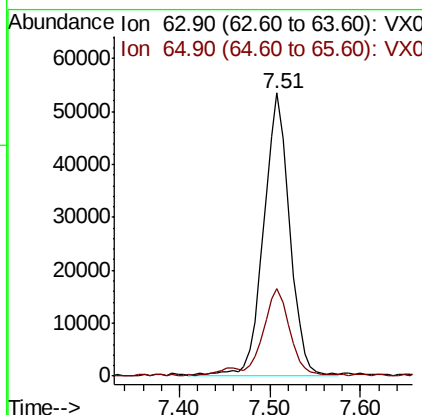
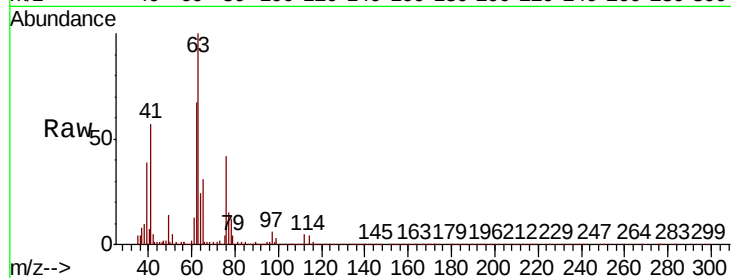
65 30.4 25.8 38.8

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#46

Dibromomethane

Concen: 18.417 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

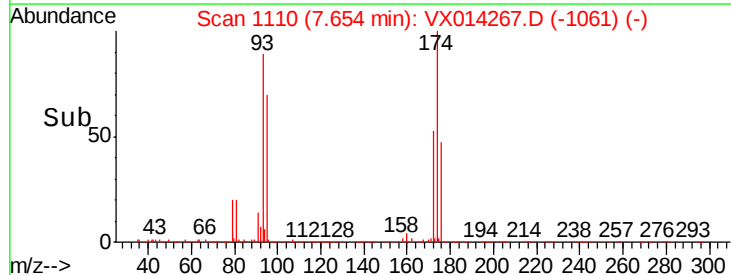
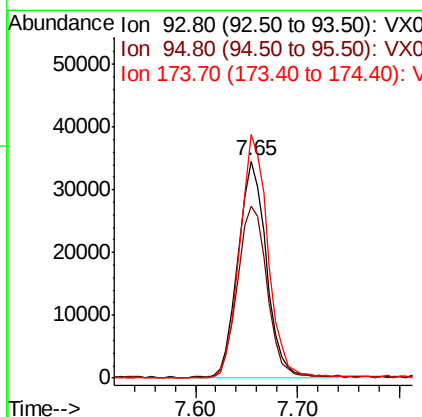
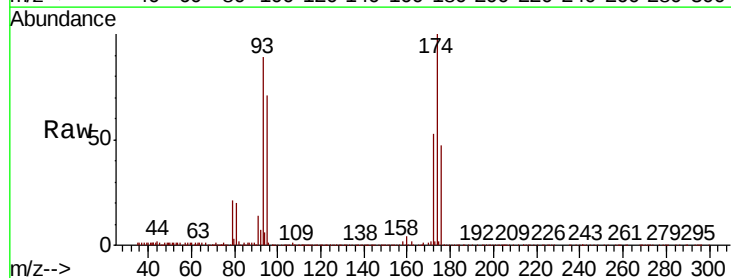
Tgt Ion: 93 Resp: 66313

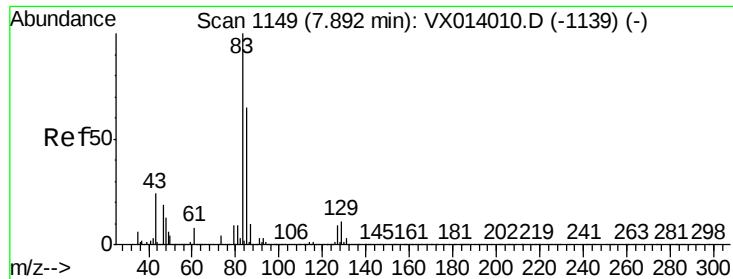
Ion Ratio Lower Upper

93 100

95 84.2 67.3 100.9

174 113.0 91.6 137.4





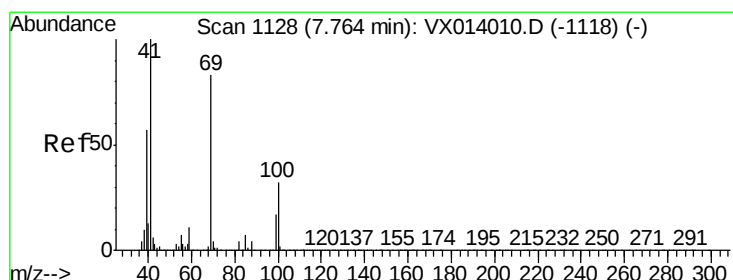
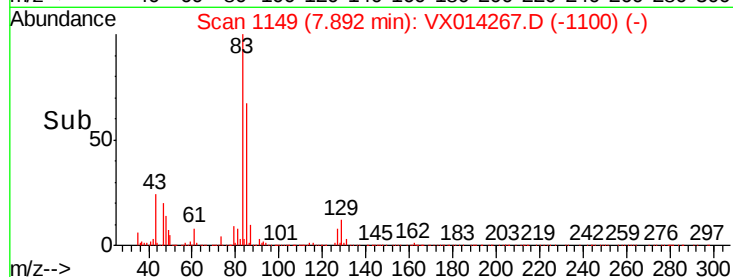
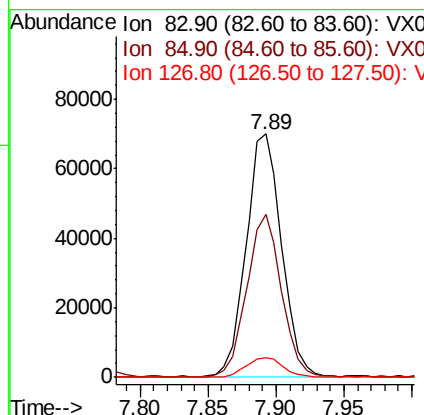
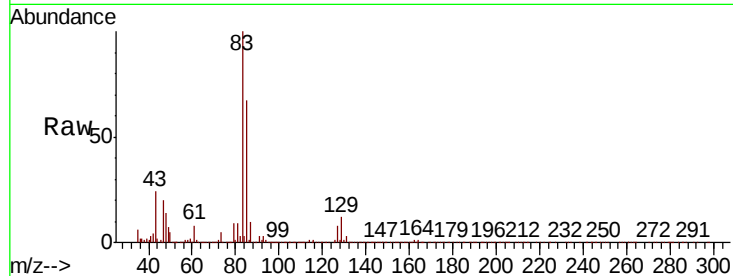
#47
Bromodichloromethane
Concen: 18.824 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	127655		
85	66.8	51.8	77.8	
127	8.1	7.0	10.4	

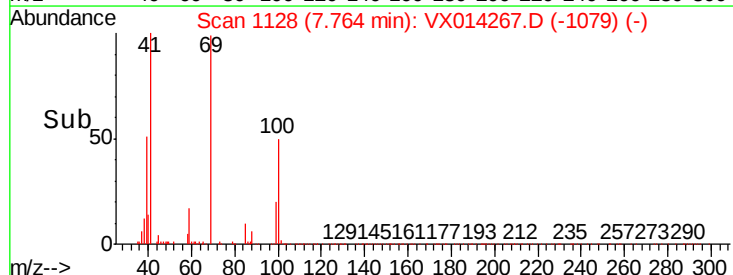
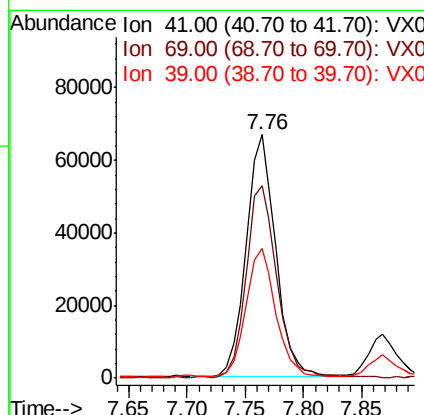
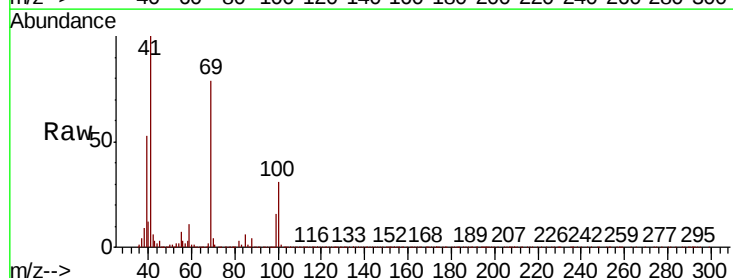
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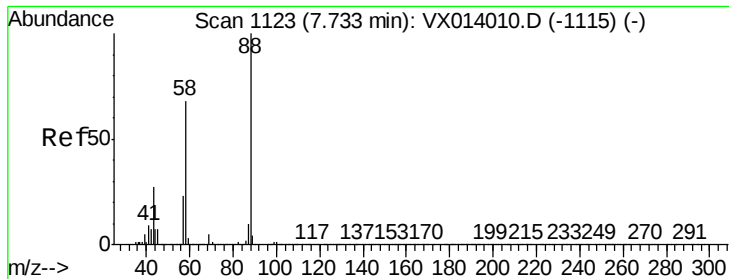
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#48
Methyl methacrylate
Concen: 19.060 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	117789		
69	82.1	65.8	98.6	
39	53.8	44.6	67.0	





#49

1,4-Dioxane

Concen: 421.044 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Instrument :

MSVOA_X

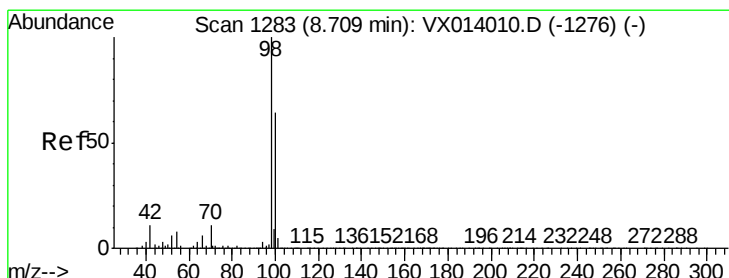
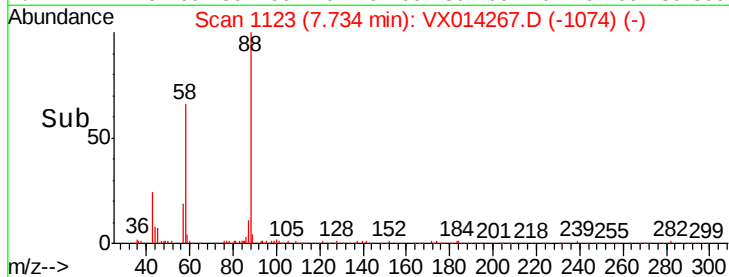
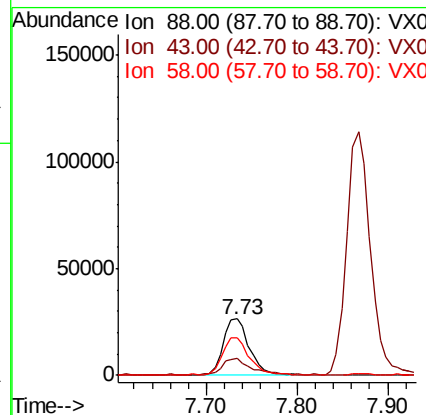
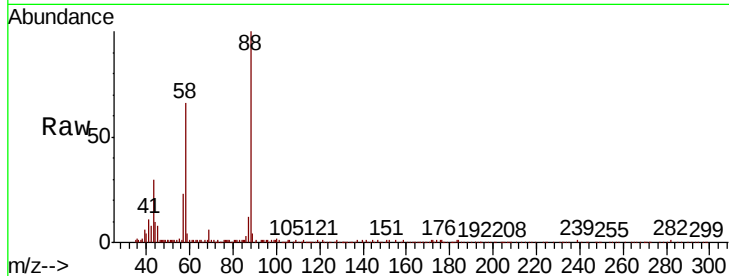
ClientSampleId :

VX1226WBSD01

Tot Ion:	88	Resp:	52952
Ion Ratio	Lower	Upper	
88	100		
43	35.5	26.5	39.7
58	68.3	56.8	85.2

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#50

Toluene-d8

Concen: 51.924 ug/l

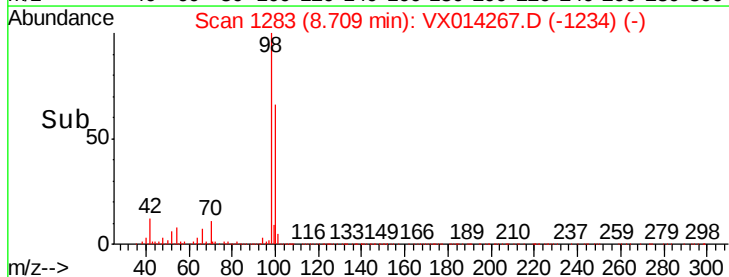
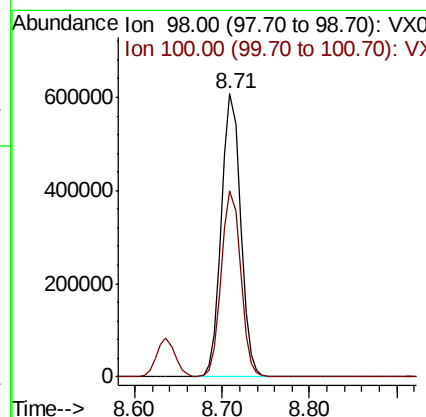
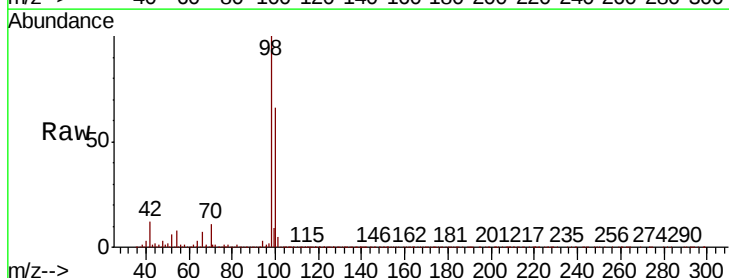
RT: 8.71 min Scan# 1283

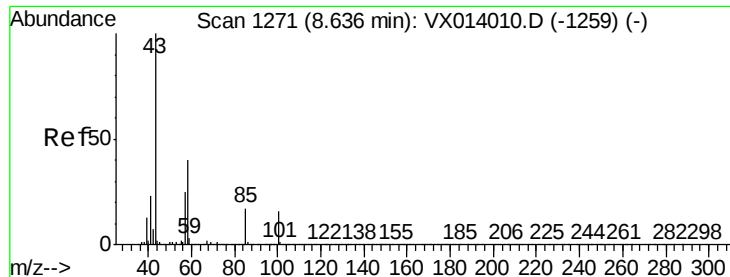
Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Tgt Ion:	98	Resp:	924885
Ion Ratio	Lower	Upper	
98	100		
100	66.1	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 99.327 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD01

Tot Ion: 43 Resp: 787263

Ion Ratio Lower Upper

43 100

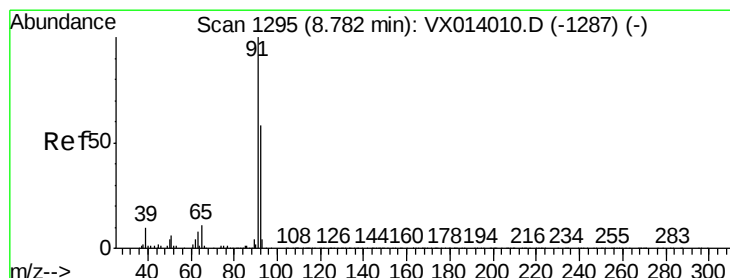
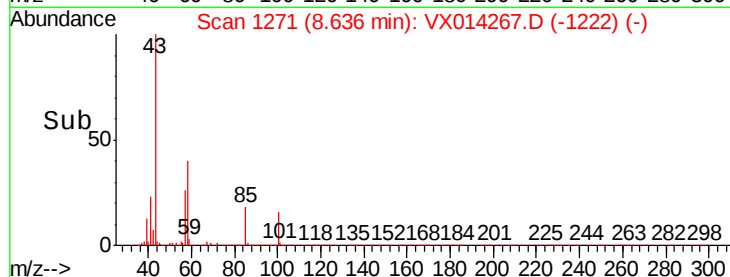
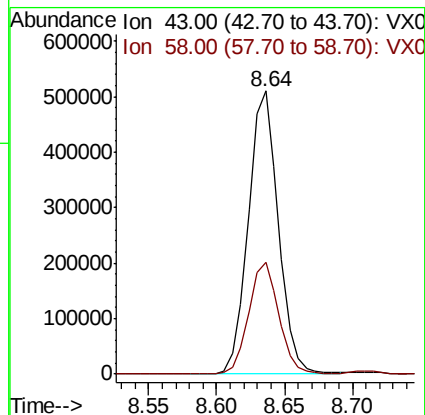
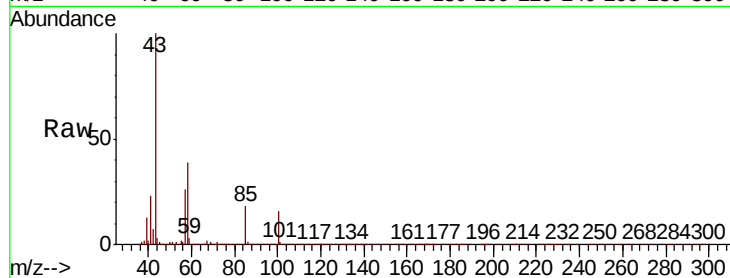
58 39.5 32.2 48.2

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#52

Toluene

Concen: 18.524 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014267.D

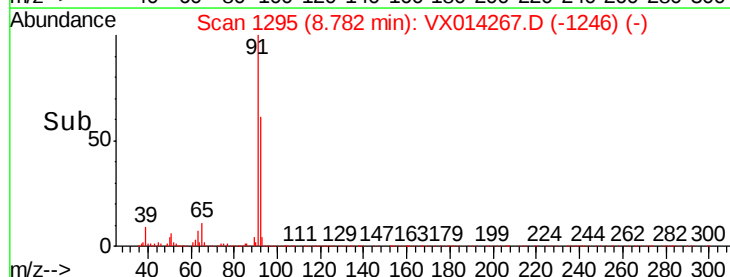
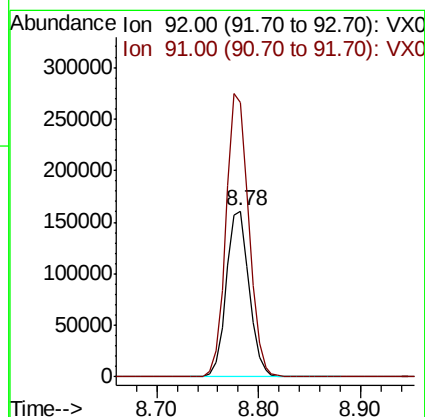
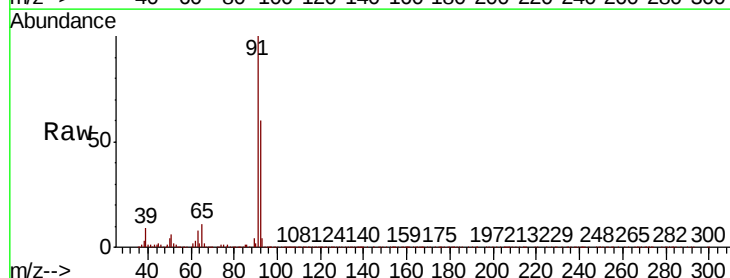
Acq: 26 Dec 2019 14:24

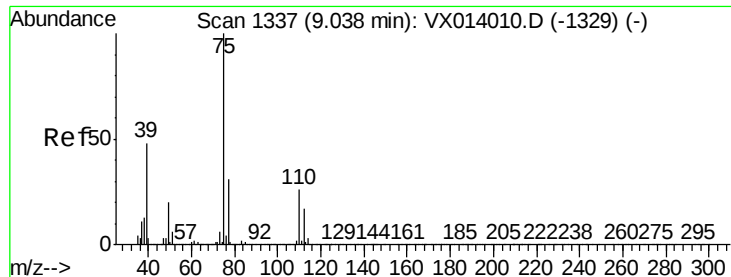
Tgt Ion: 92 Resp: 248788

Ion Ratio Lower Upper

92 100

91 170.4 136.2 204.4





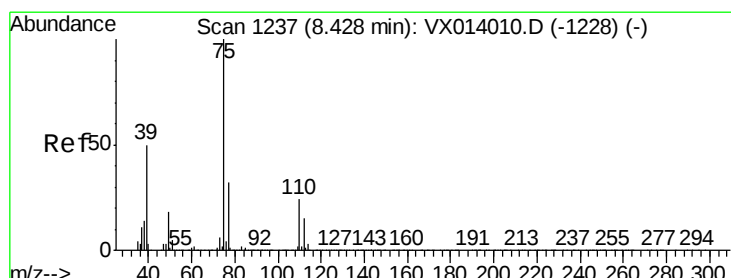
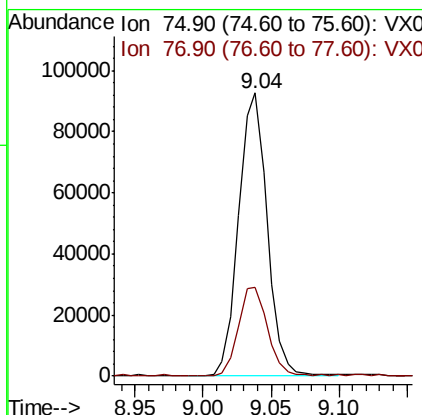
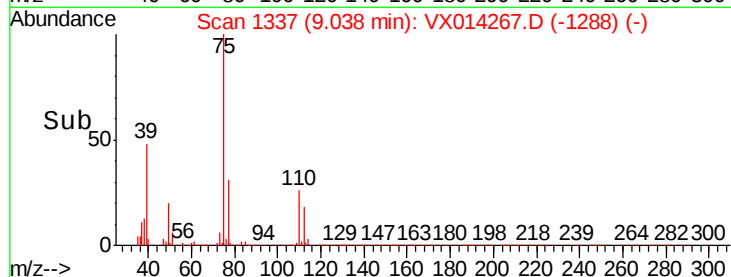
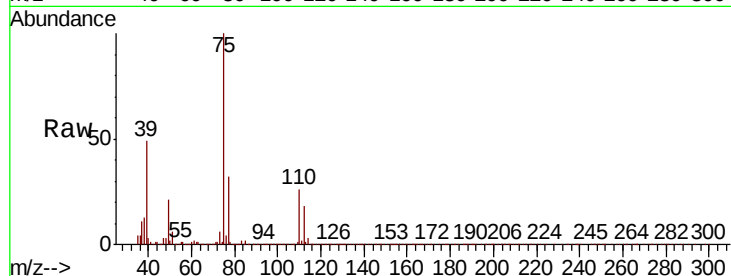
#53
t-1,3-Dichloropropene
Concen: 18.207 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7

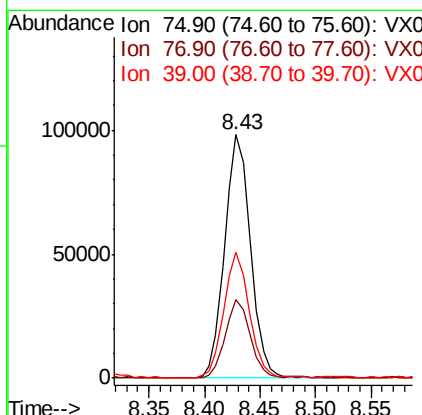
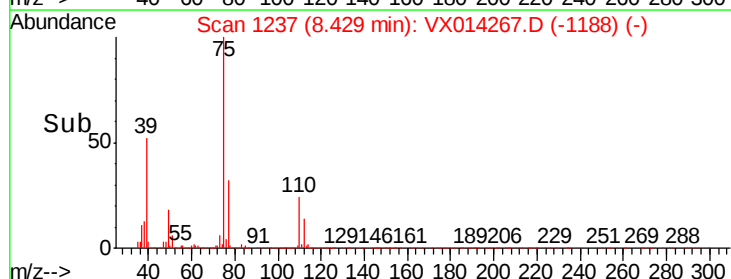
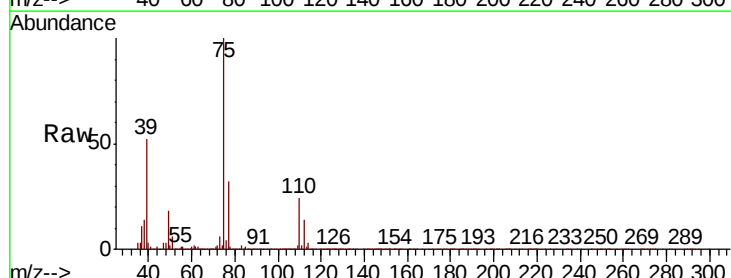
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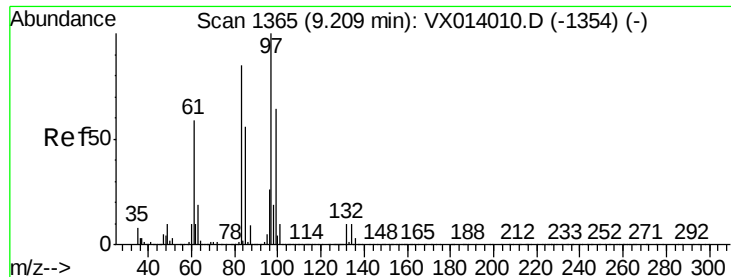
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#54
cis-1,3-Dichloropropene
Concen: 19.009 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.3	37.9
39	51.5	39.9	59.9





#55

1,1,2-Trichloroethane

Concen: 19.113 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Instrument :

MSVOA_X

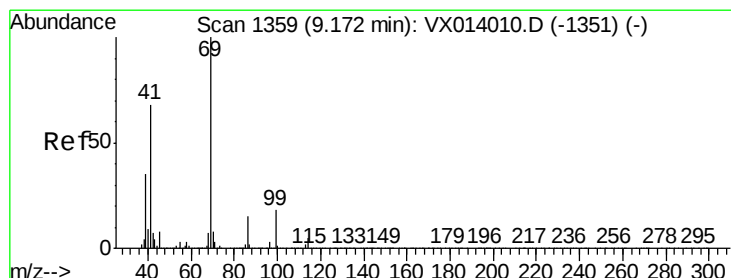
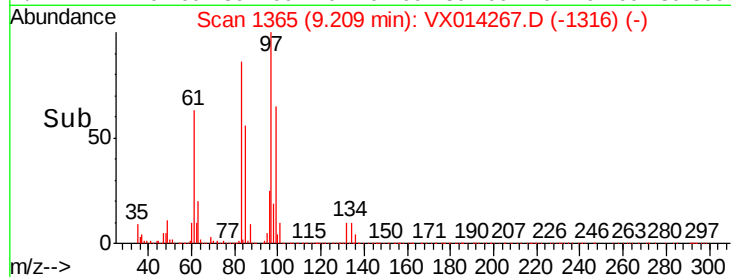
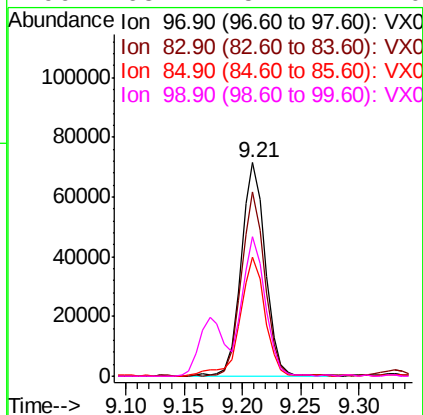
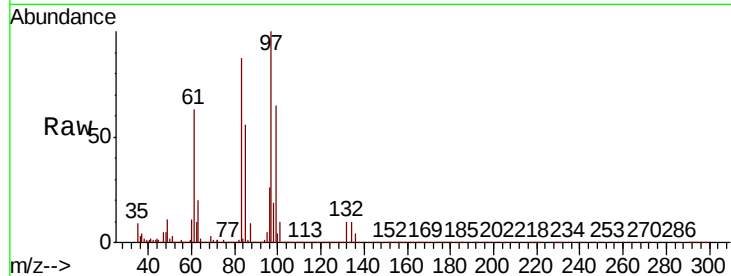
ClientSampleId :

VX1226WBSD01

Tot Ion:	97	Resp:	102879
Ion Ratio	Lower	Upper	
97	100		
83	86.5	68.2	102.4
85	55.9	44.6	66.8
99	65.1	51.4	77.0

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#56

Ethyl methacrylate

Concen: 19.039 ug/l

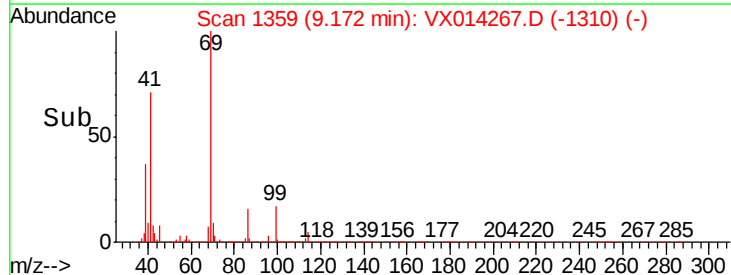
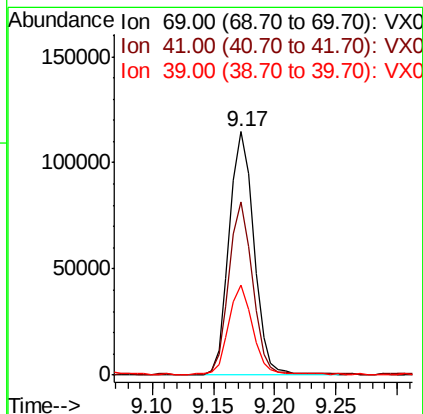
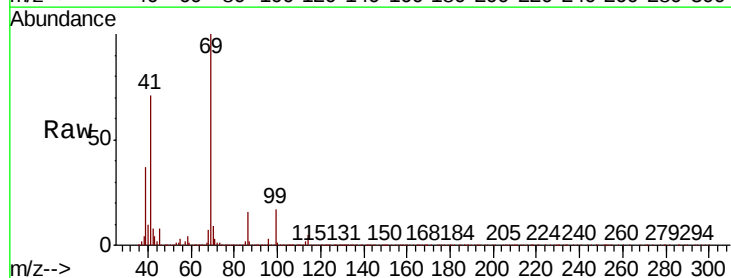
RT: 9.17 min Scan# 1359

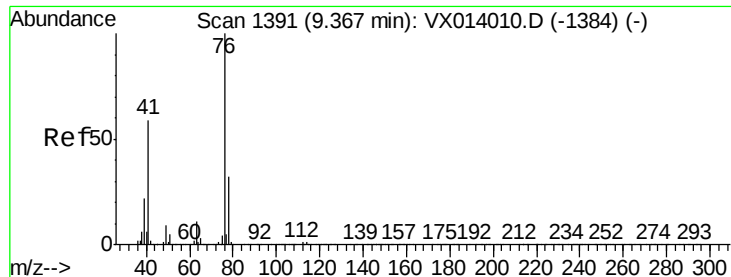
Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Tgt Ion:	69	Resp:	160979
Ion Ratio	Lower	Upper	
69	100		
41	68.0	54.8	82.2
39	35.2	28.3	42.5





#57

1,3-Dichloropropane

Concen: 19.536 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD01

Tot Ion: 76 Resp: 176924

Ion Ratio Lower Upper

76 100

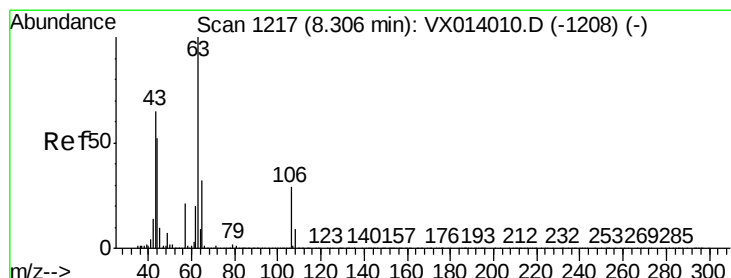
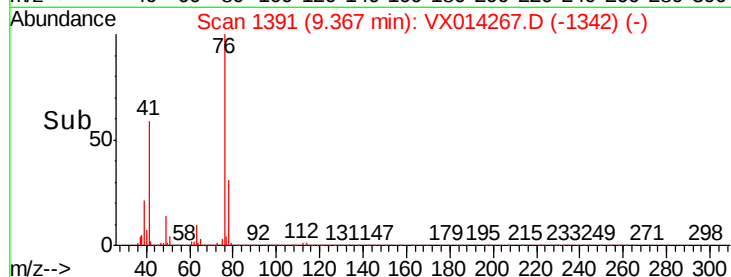
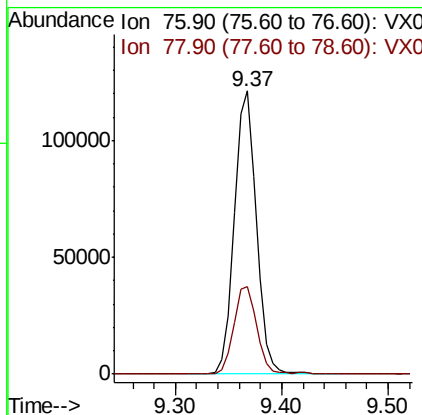
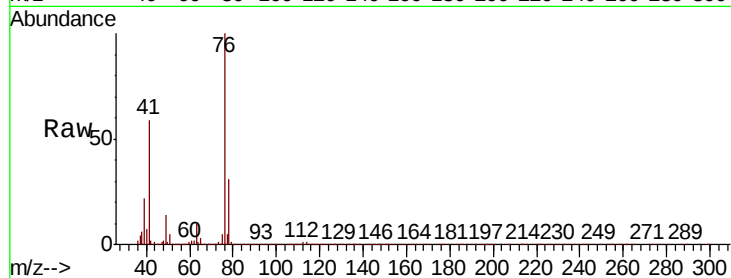
78 32.2 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 100.928 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014267.D

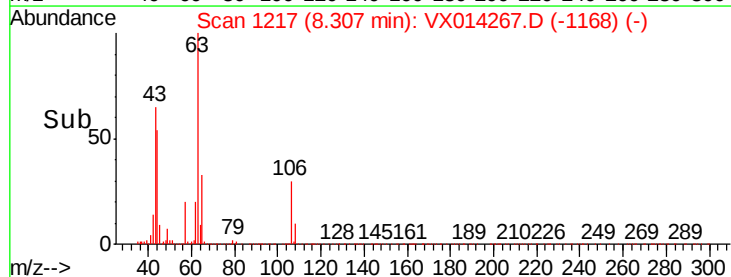
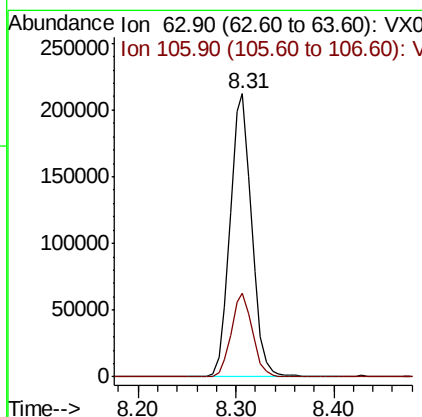
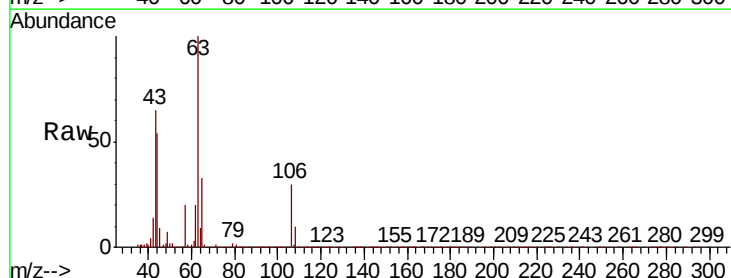
Acq: 26 Dec 2019 14:24

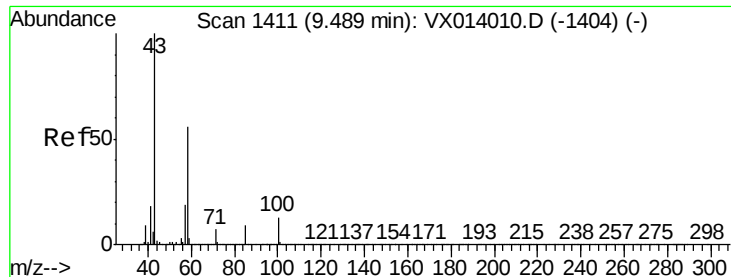
Tgt Ion: 63 Resp: 322955

Ion Ratio Lower Upper

63 100

106 29.0 23.0 34.6





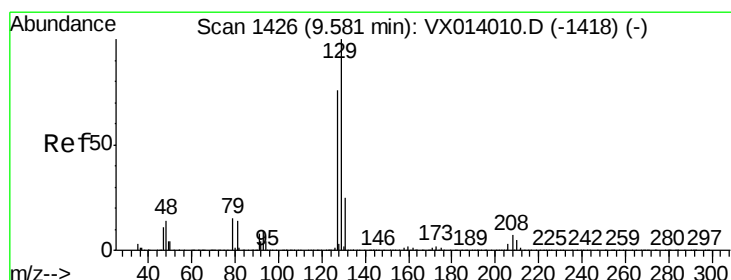
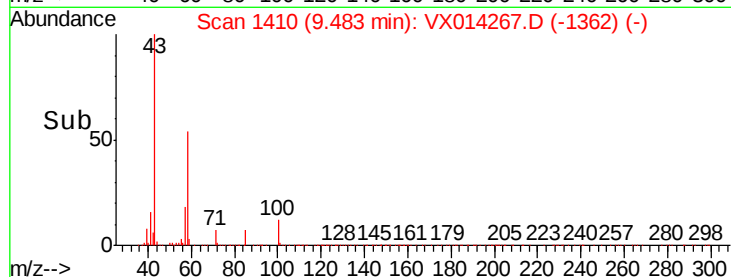
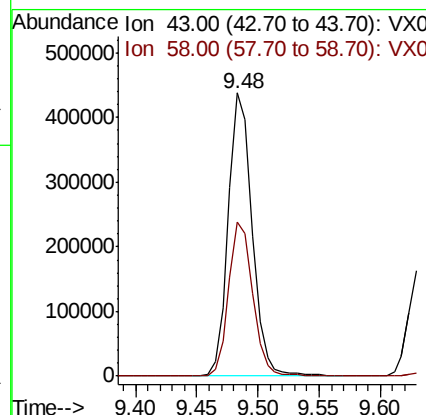
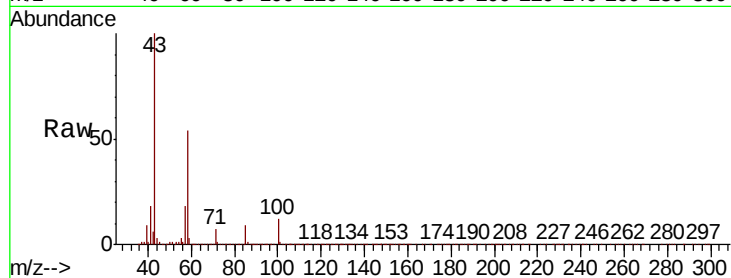
#59
2-Hexanone
Concen: 93.103 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

Tot Ion: 43 Resp: 594036
Ion Ratio Lower Upper
43 100
58 55.1 28.0 84.0

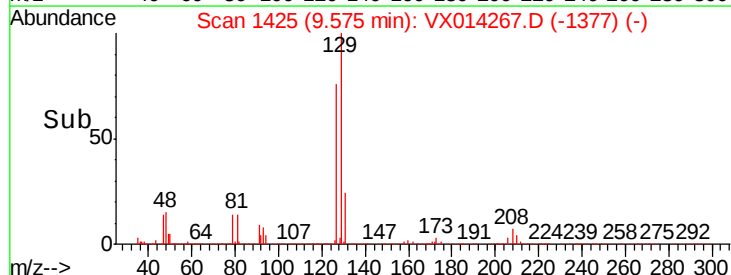
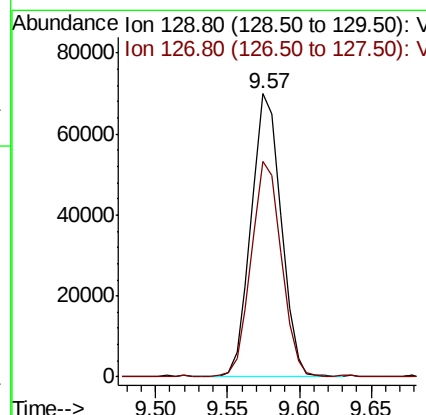
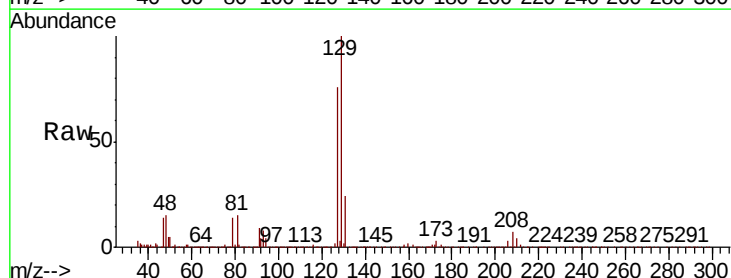
Manual Integrations
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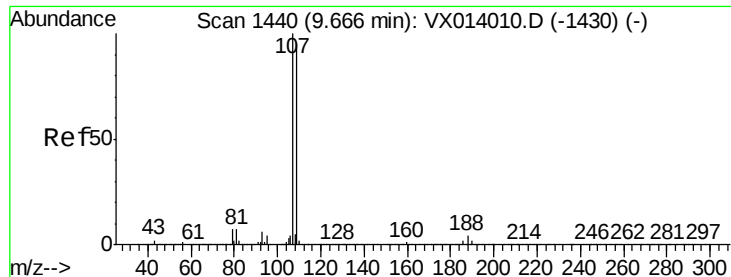
apatel
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#60
Dibromochloromethane
Concen: 18.733 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Tgt Ion: 129 Resp: 100230
Ion Ratio Lower Upper
129 100
127 76.2 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.204 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD01

Tot Ion: 107 Resp: 105767

Ion Ratio Lower Upper

107 100

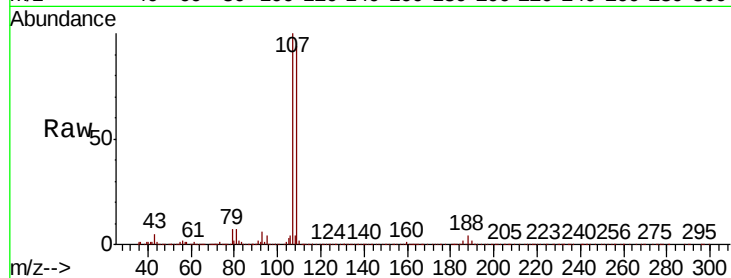
109 93.7 75.7 113.5

Manual Integrations

APPROVED

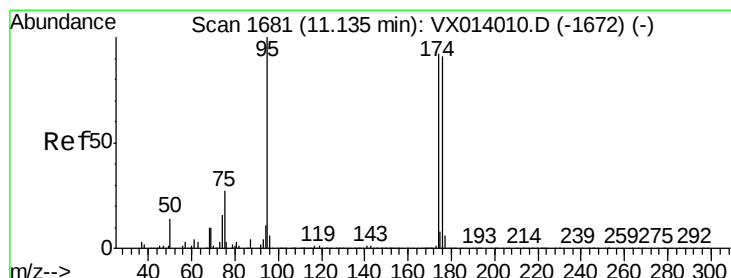
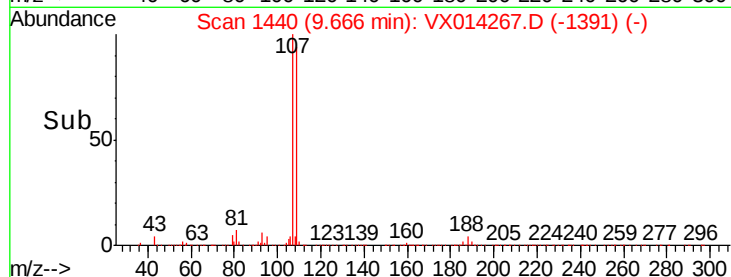
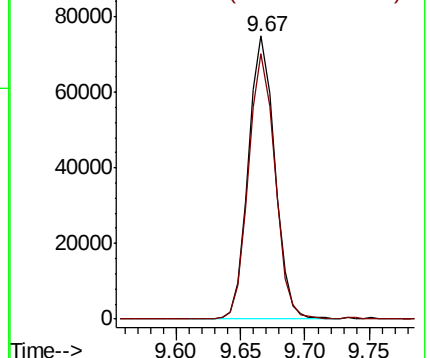
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.881 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

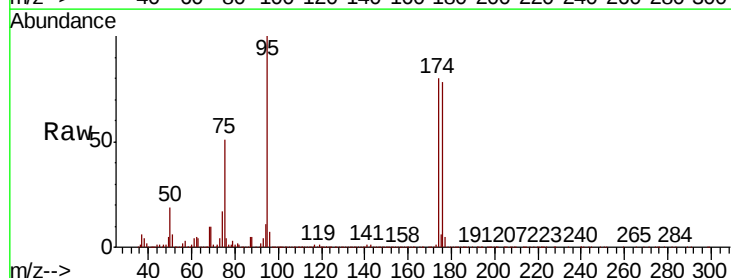
Tgt Ion: 95 Resp: 318273

Ion Ratio Lower Upper

95 100

174 88.1 0.0 175.8

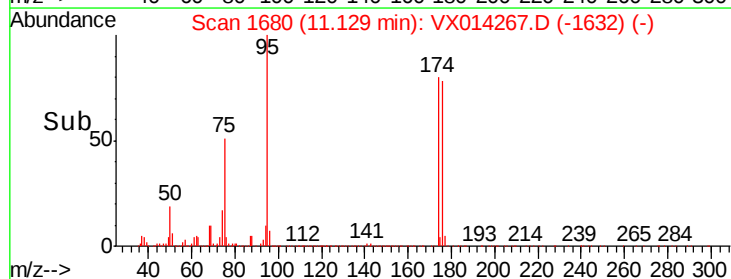
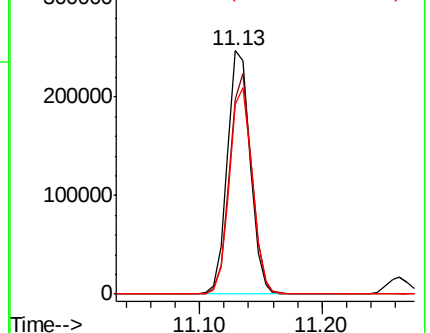
176 84.6 0.0 173.0

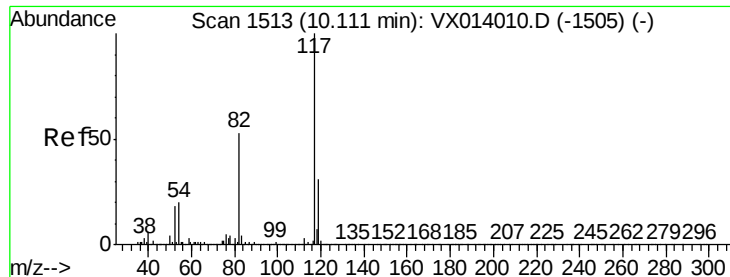


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





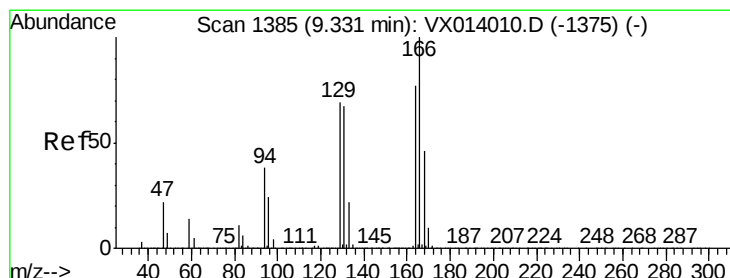
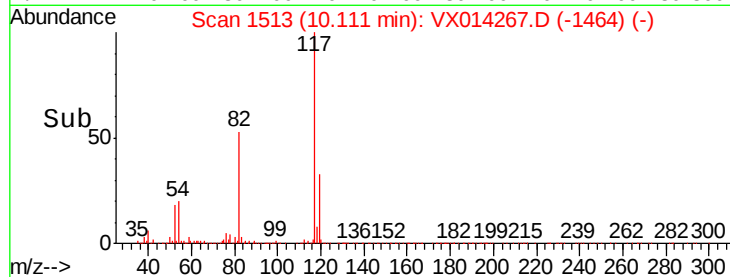
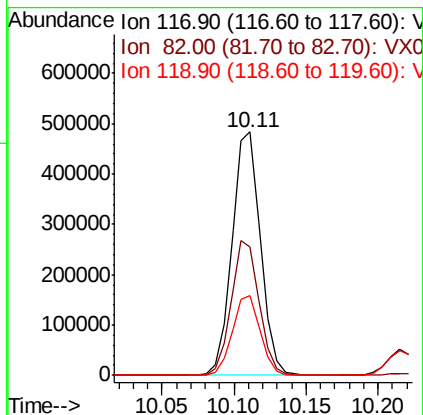
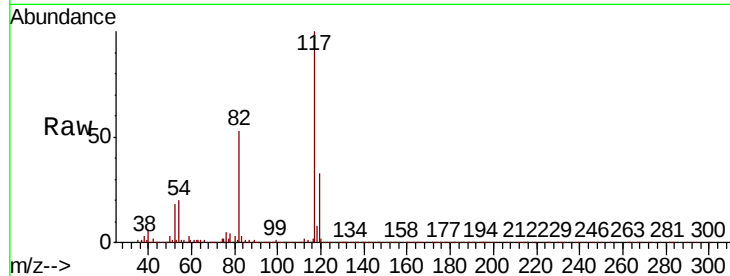
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.2	63.4
119	32.9	25.1	37.7

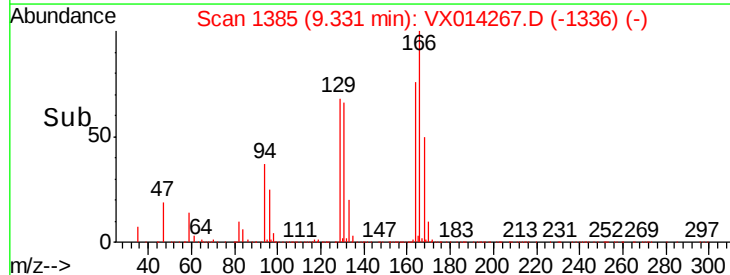
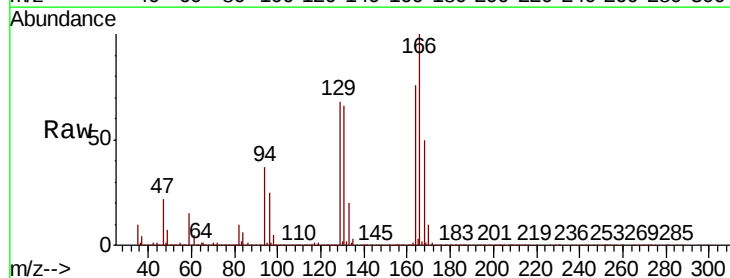
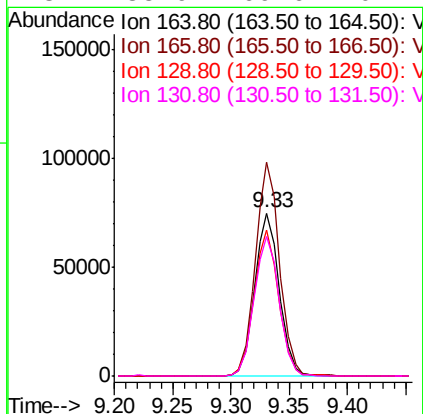
Manual Integrations
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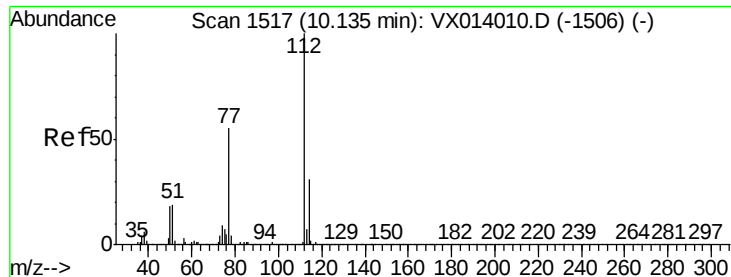
apatel
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#64
Tetrachloroethene
Concen: 18.572 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.8	104.0	156.0
129	89.0	72.2	108.4
131	85.9	69.6	104.4





#65

Chlorobenzene

Concen: 18.794 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD01

Tot Ion:112 Resp: 265756

Ion Ratio Lower Upper

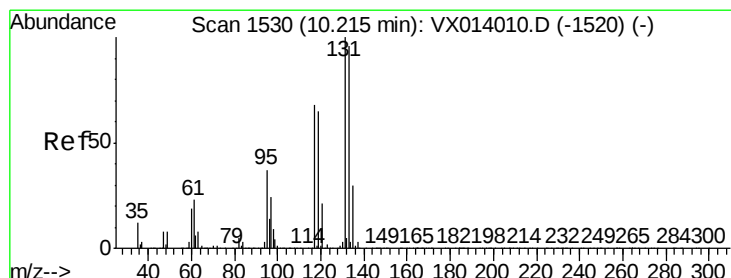
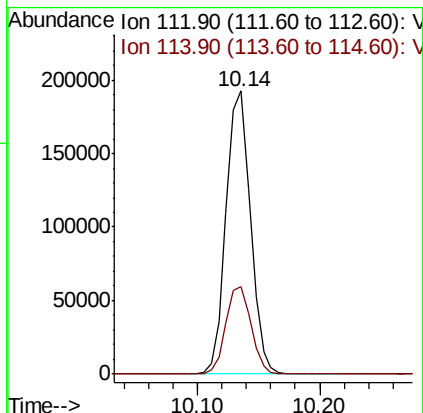
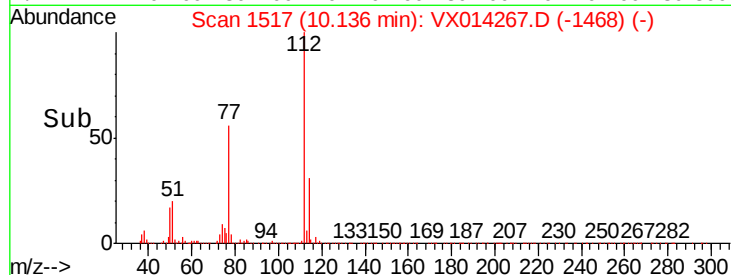
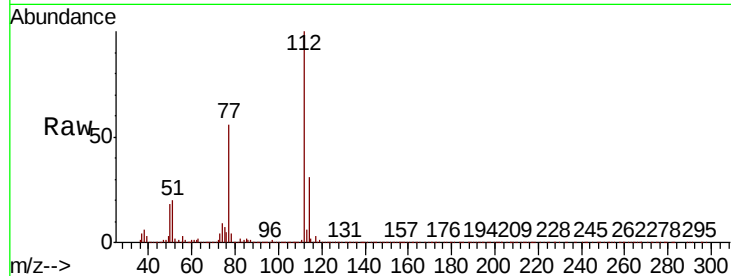
112 100

114 30.7 24.9 37.3

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.406 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

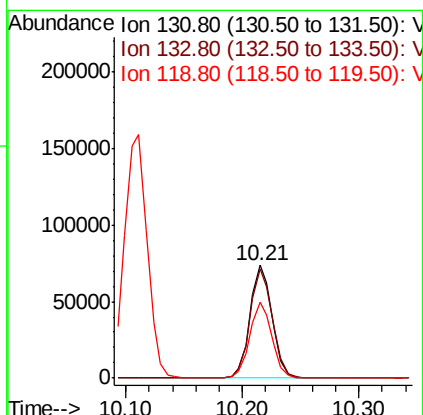
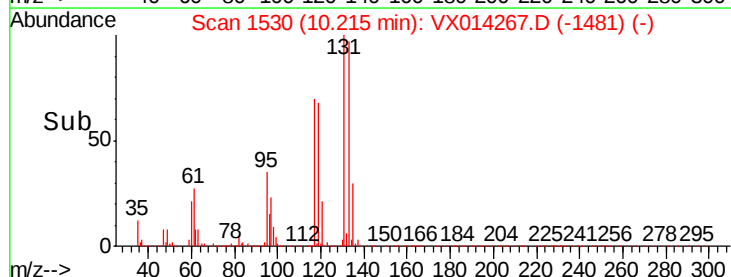
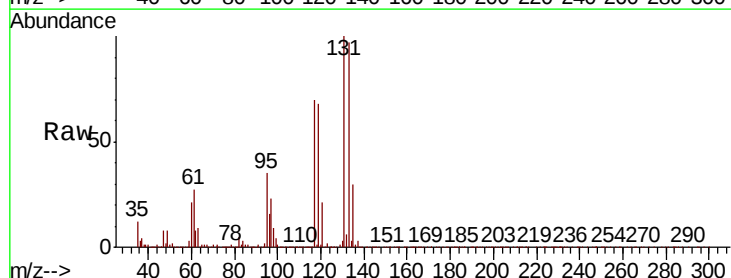
Tgt Ion:131 Resp: 97981

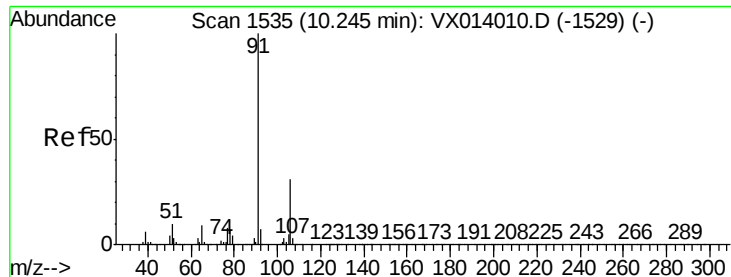
Ion Ratio Lower Upper

131 100

133 97.1 48.0 144.0

119 68.0 33.4 100.2





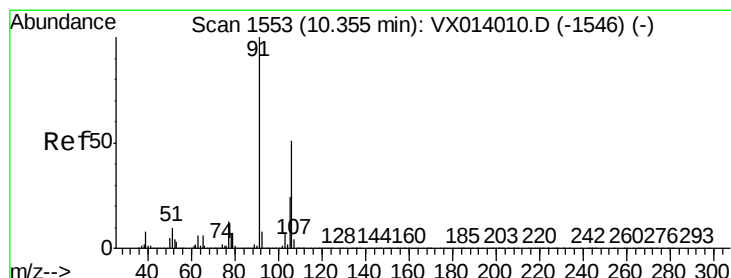
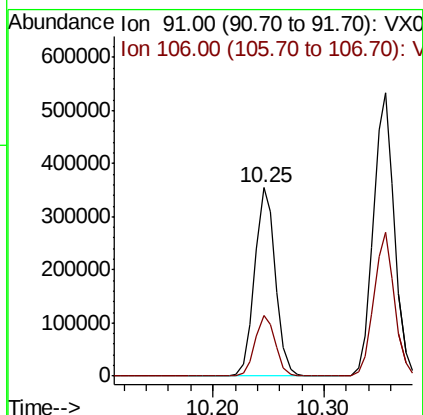
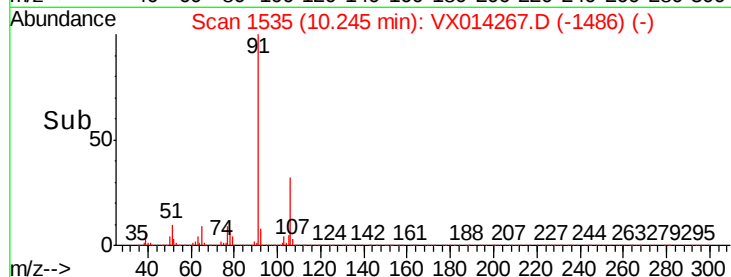
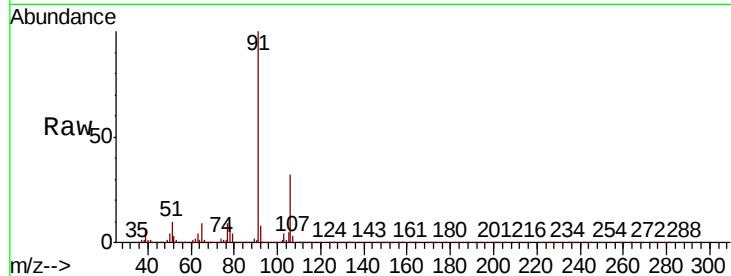
#67
Ethyl Benzene
Concen: 18.927 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

Tot Ion: 91 Resp: 460129
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.6

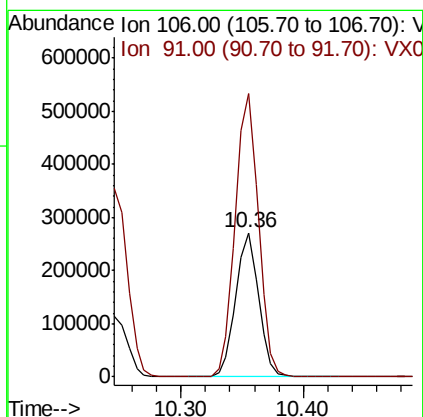
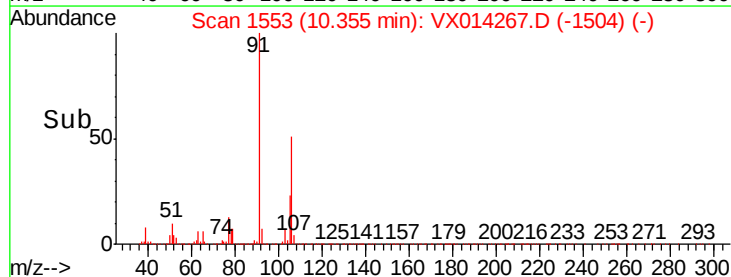
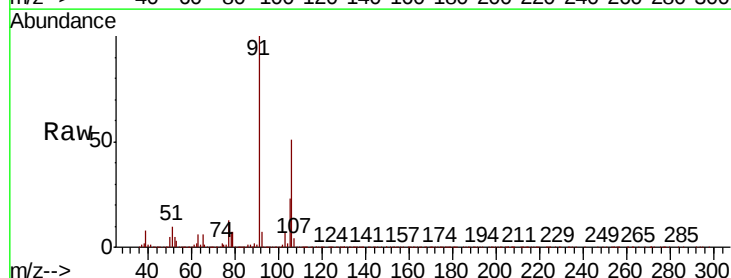
Manual Integrations
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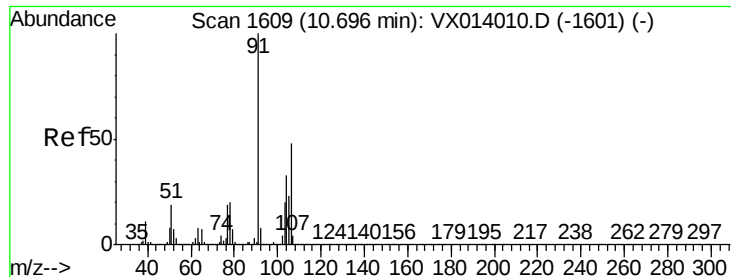
apatel
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#68
m/p-Xylenes
Concen: 37.418 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Tgt Ion: 106 Resp: 349866
Ion Ratio Lower Upper
106 100
91 199.2 158.6 238.0





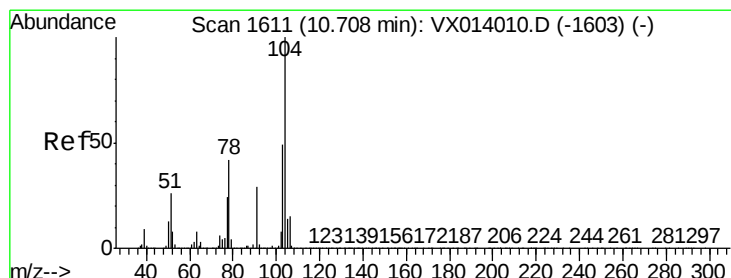
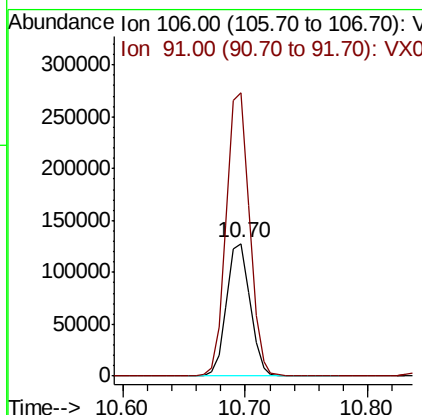
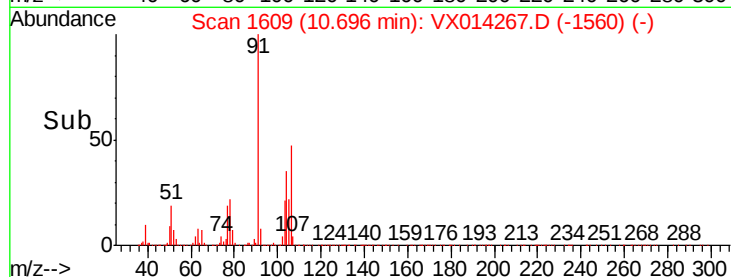
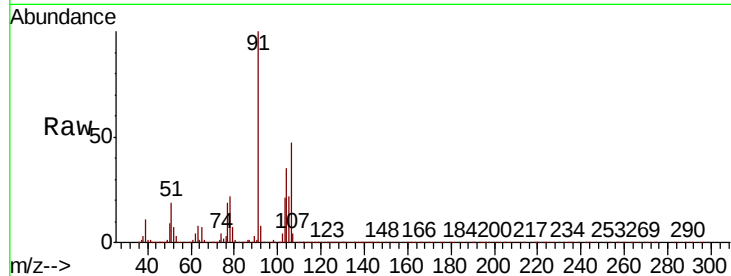
#69
o-Xylene
Concen: 18.510 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

Tot Ion:106 Resp: 169743
Ion Ratio Lower Upper
106 100
91 211.6 104.2 312.6

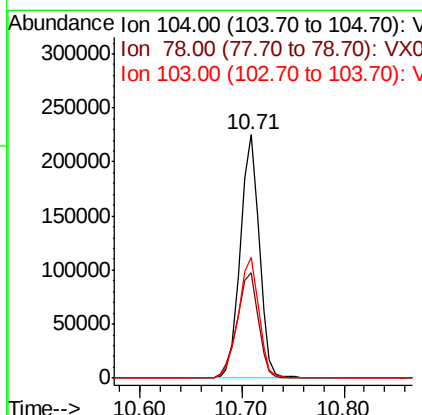
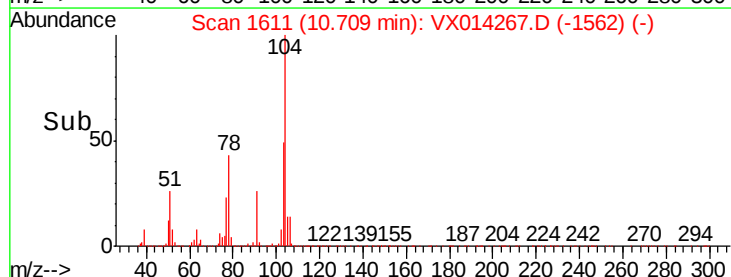
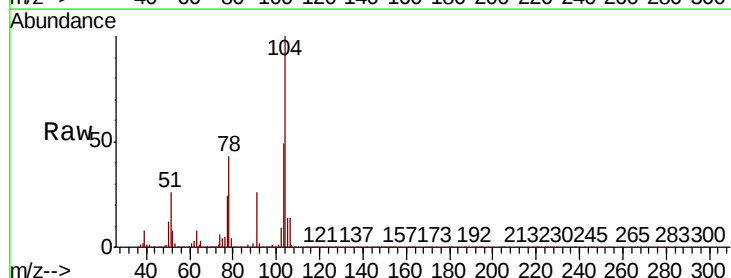
Manual Integrations
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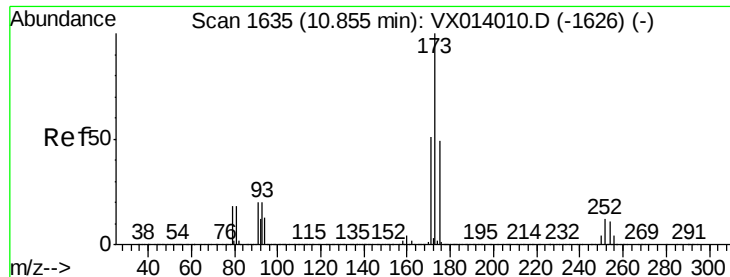
apatel
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#70
Styrene
Concen: 18.606 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Tgt Ion:104 Resp: 288525
Ion Ratio Lower Upper
104 100
78 48.2 38.5 57.7
103 53.6 42.9 64.3





#71

Bromoform

Concen: 18.299 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD01

Tot Ion:173 Resp: 74266

Ion Ratio Lower Upper

173 100

175 49.9 24.4 73.4

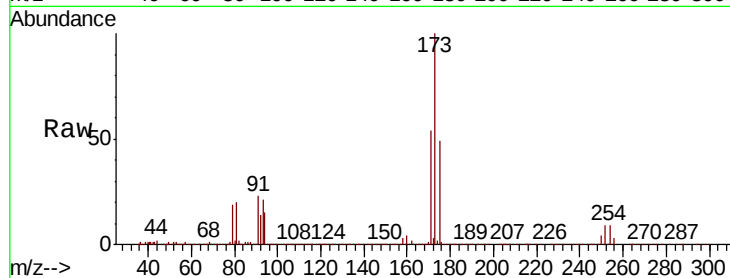
254 0.0 0.2 0.2#

Manual Integrations

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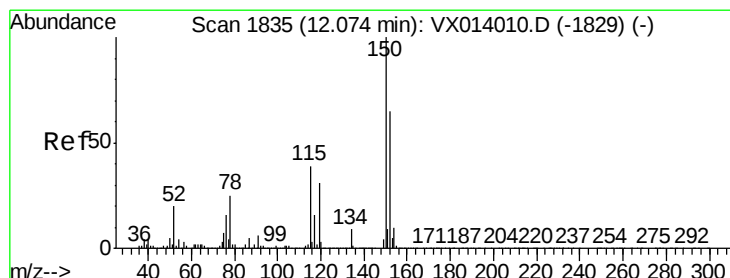
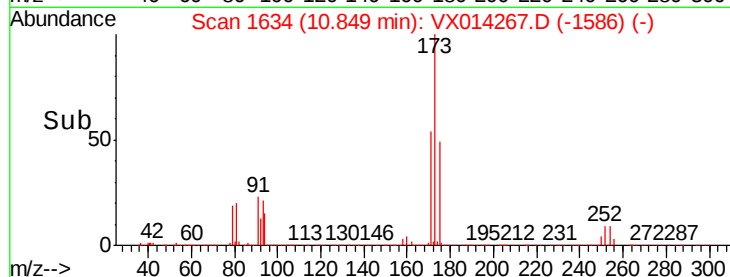
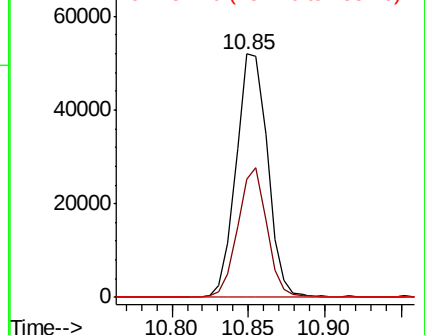
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

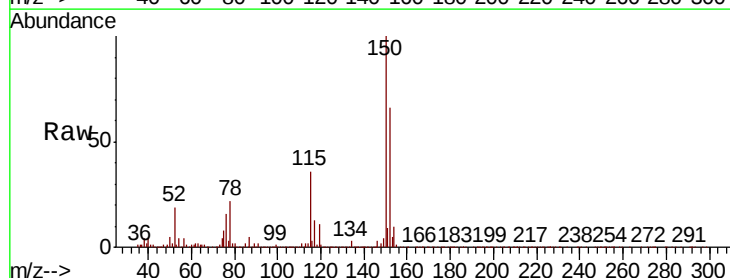
Tgt Ion:152 Resp: 317321

Ion Ratio Lower Upper

152 100

115 65.4 38.3 114.9

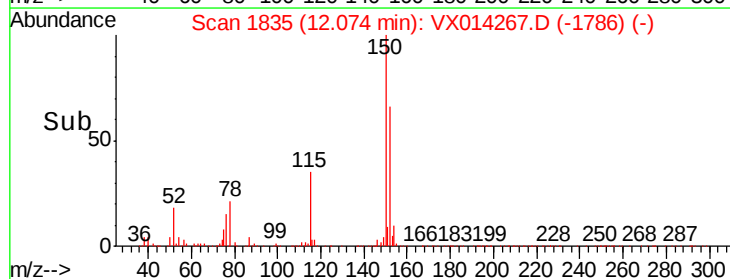
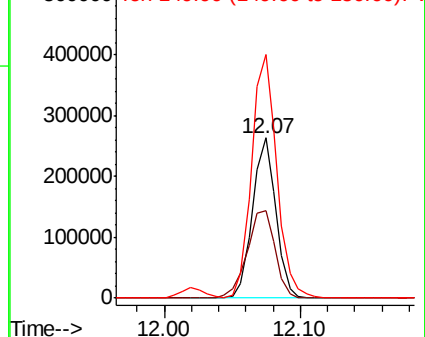
150 163.4 0.0 345.4

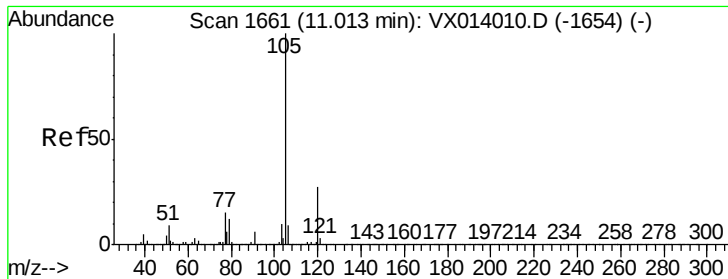


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.242 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD01

Tot Ion: 105 Resp: 452254

Ion Ratio Lower Upper

105 100

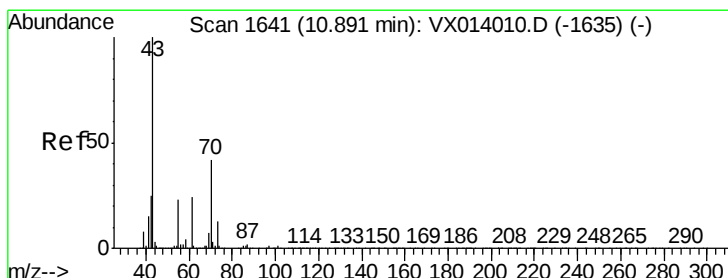
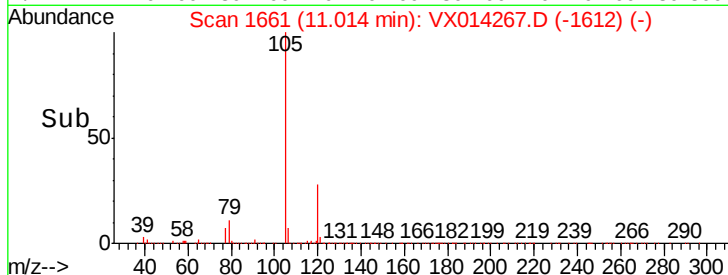
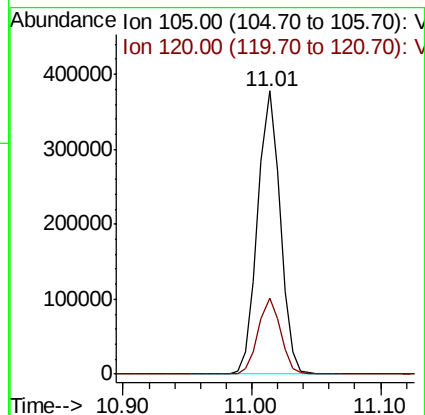
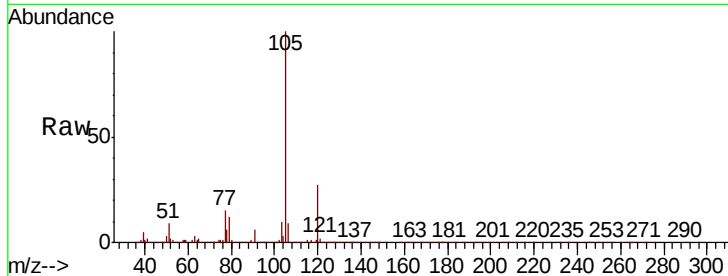
120 26.9 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.012 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Tgt Ion: 43 Resp: 199104

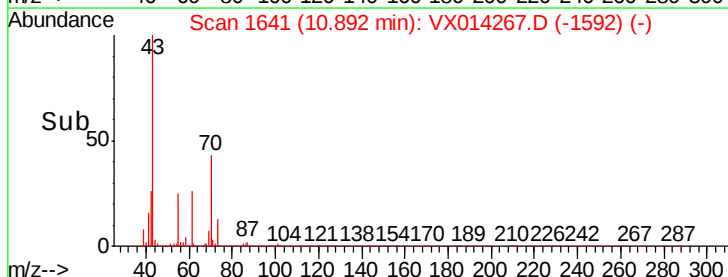
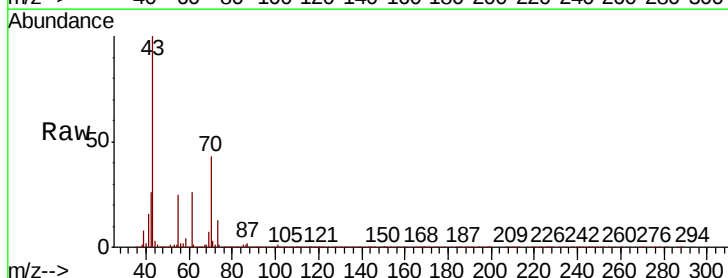
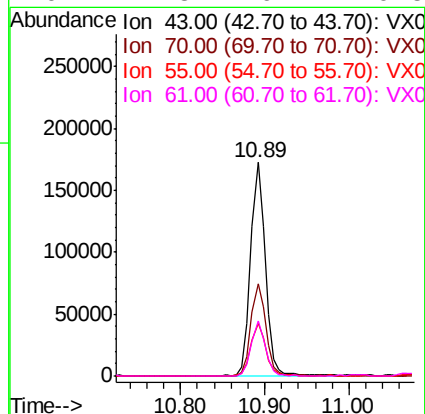
Ion Ratio Lower Upper

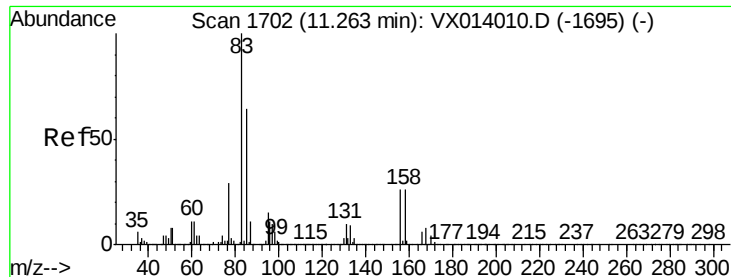
43 100

70 44.0 34.4 51.6

55 25.6 19.1 28.7

61 24.8 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.079 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Instrument :

MSVOA_X

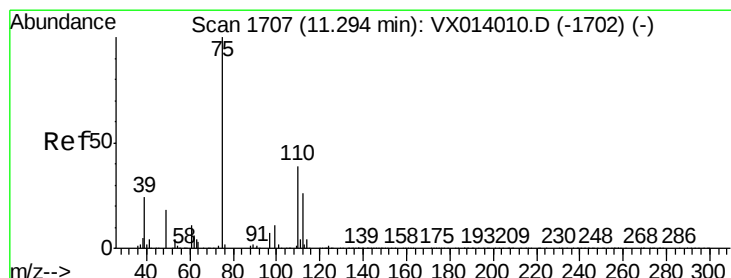
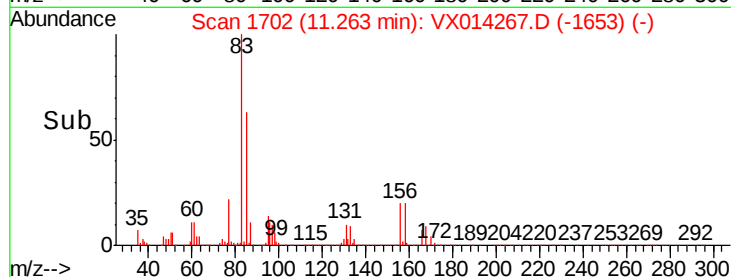
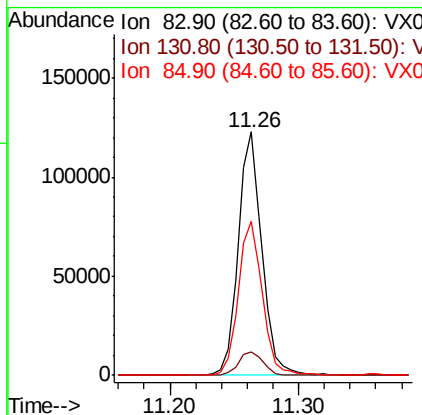
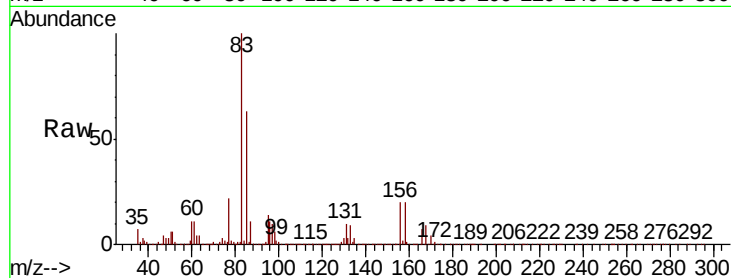
ClientSampleId :

VX1226WBSD01

Tot Ion:	83	Resp:	155526
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.2
85	63.8	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 19.020 ug/l m

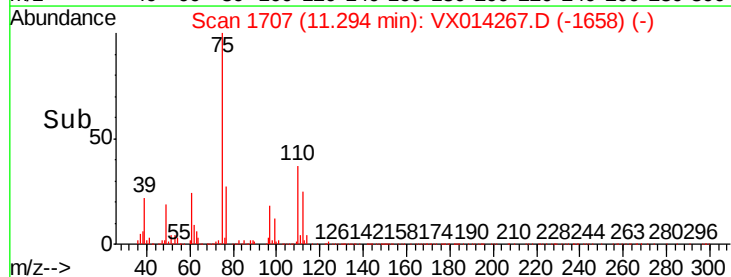
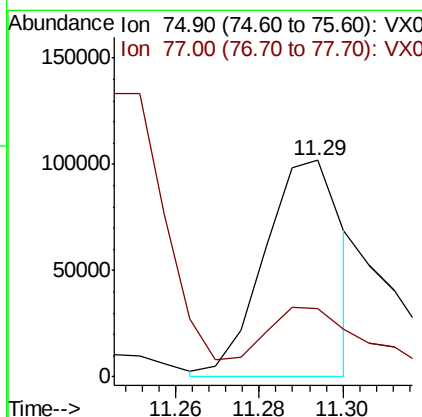
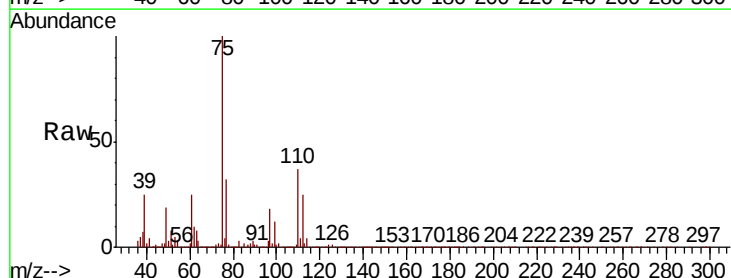
RT: 11.29 min Scan# 1707

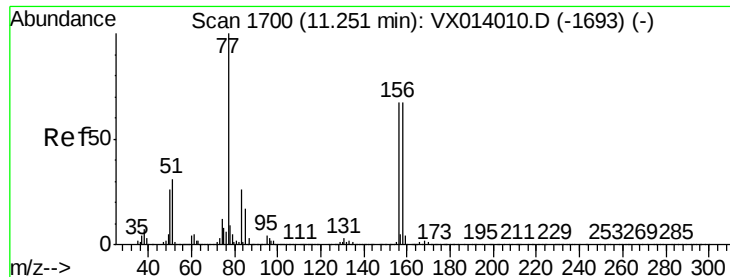
Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Tgt Ion:	75	Resp:	131028
Ion Ratio	Lower	Upper	
75	100		
77	44.0	19.3	57.8





#77

Bromobenzene

Concen: 19.122 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Instrument :

MSVOA_X

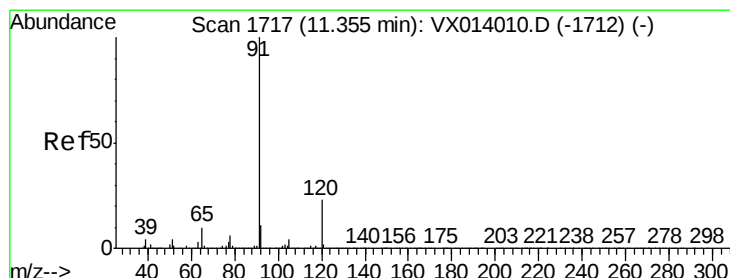
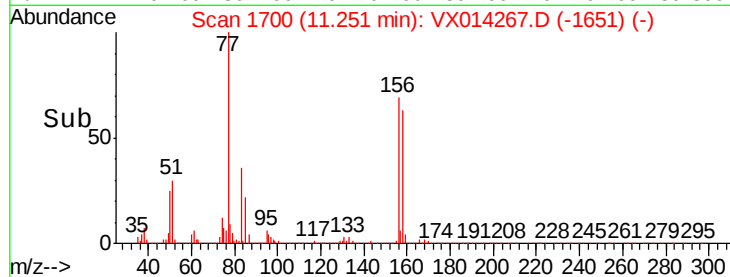
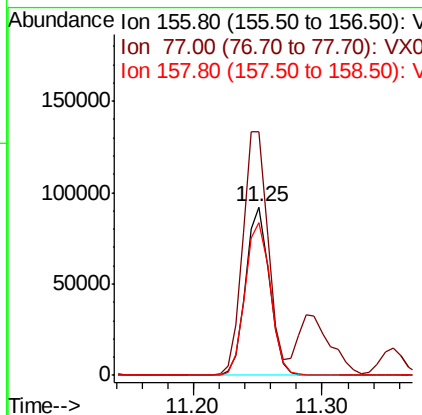
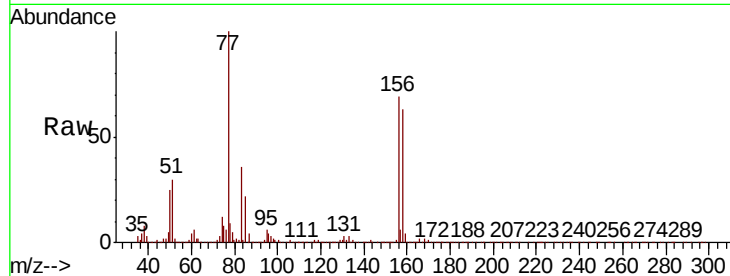
ClientSampleId :

VX1226WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	152.7	76.5	229.5
158	96.2	49.3	147.9

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#78

n-propylbenzene

Concen: 19.796 ug/l

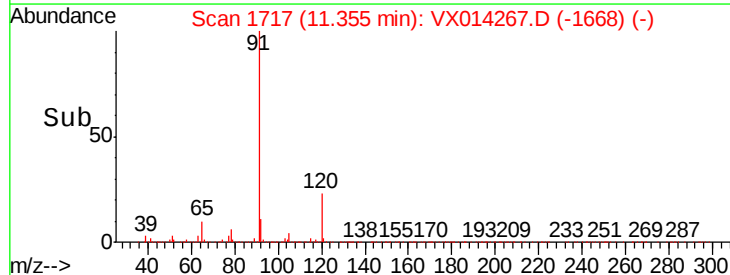
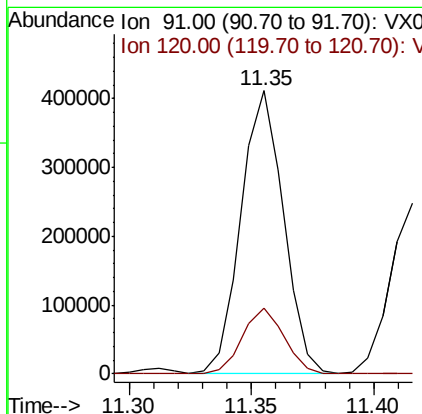
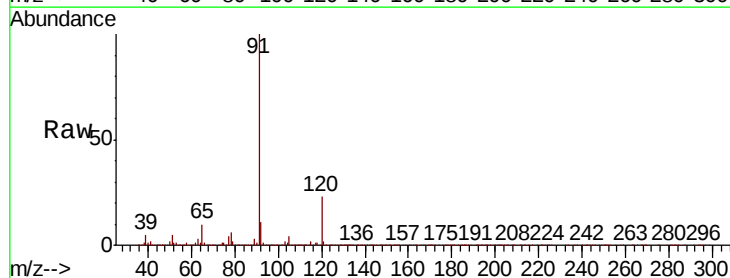
RT: 11.35 min Scan# 1717

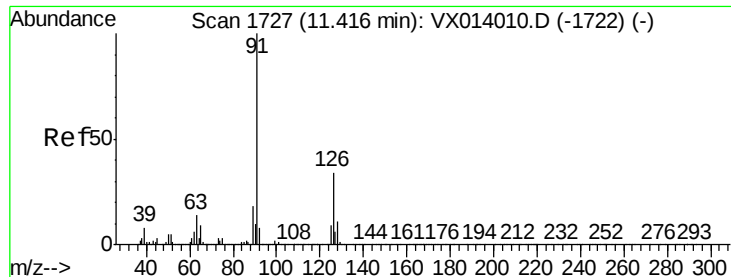
Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.7	35.0





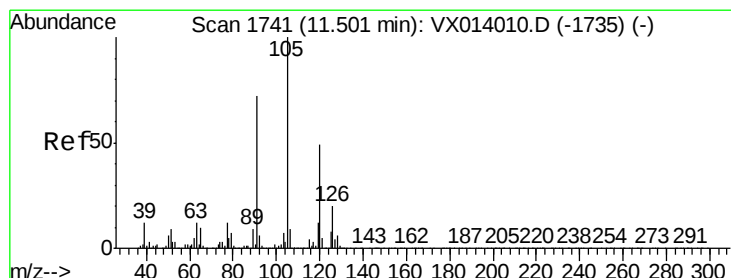
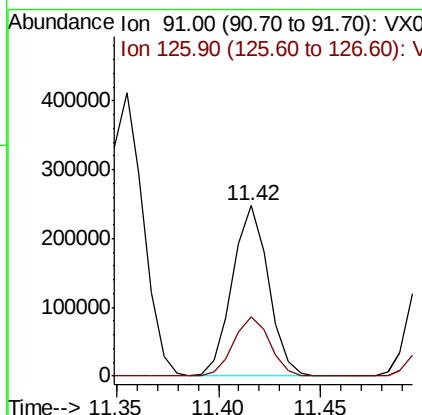
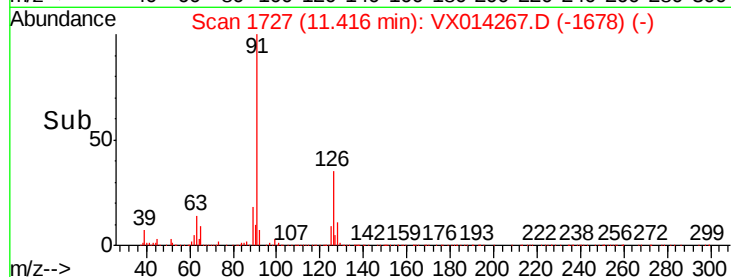
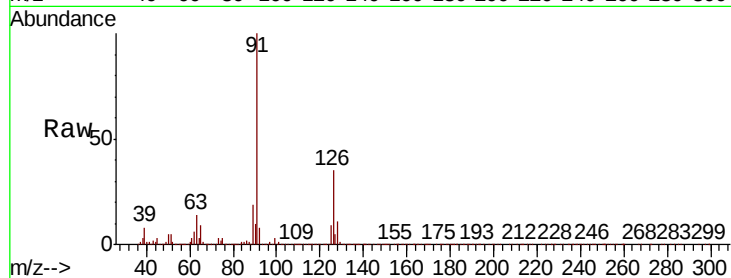
#79
2-Chlorotoluene
Concen: 19.836 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

Tot Ion: 91 Resp: 302170
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6

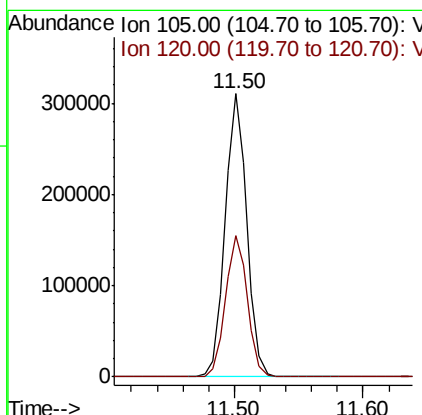
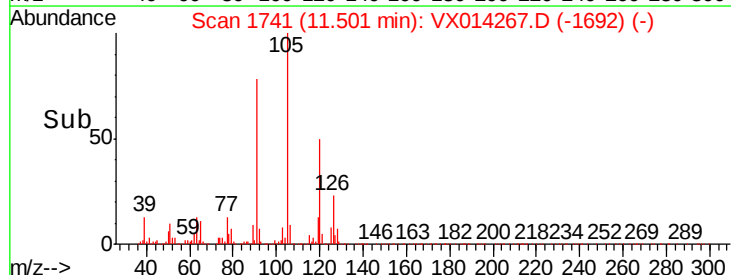
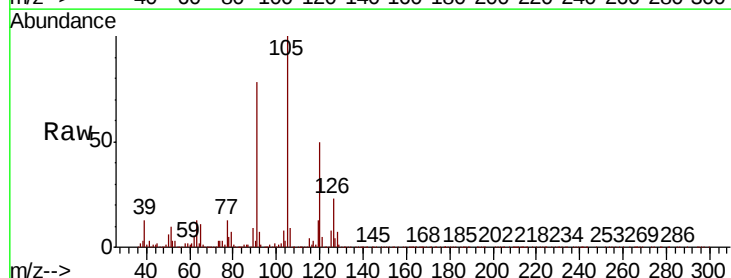
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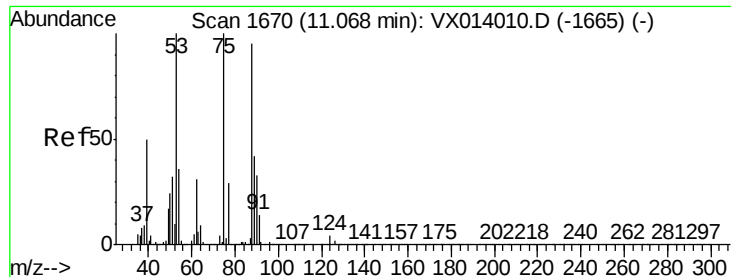
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#80
1,3,5-Trimethylbenzene
Concen: 19.528 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Tgt Ion: 105 Resp: 367187
Ion Ratio Lower Upper
105 100
120 50.4 25.3 75.8





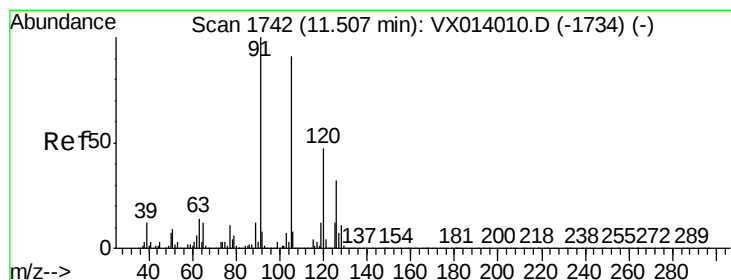
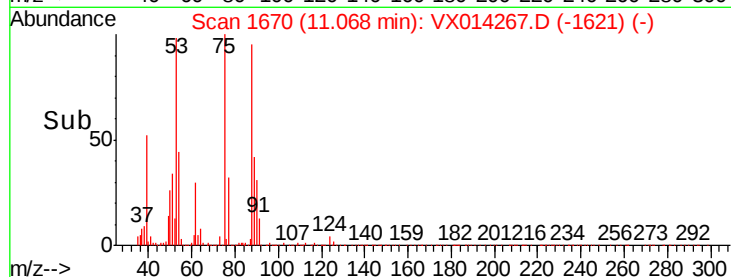
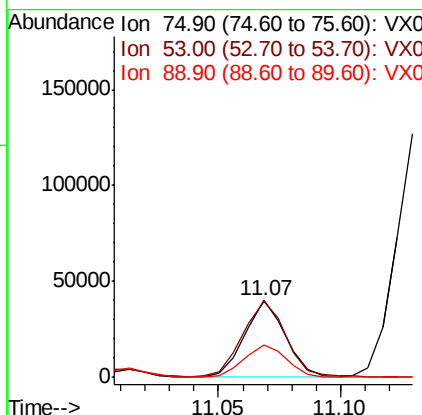
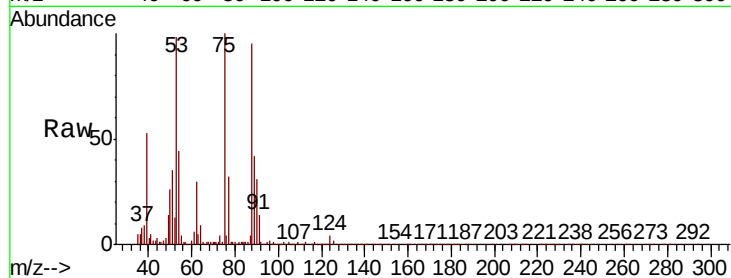
#81
trans-1,4-Dichloro-2-butene
Concen: 18.814 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.1	76.7	115.1
89	45.8	34.6	51.8

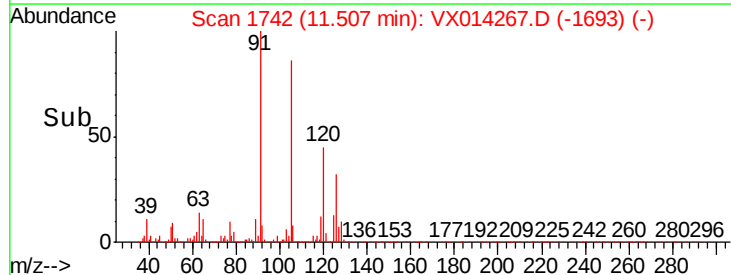
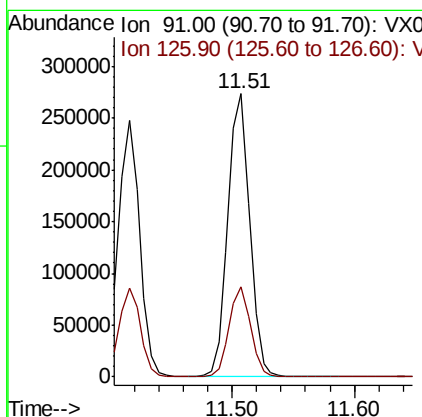
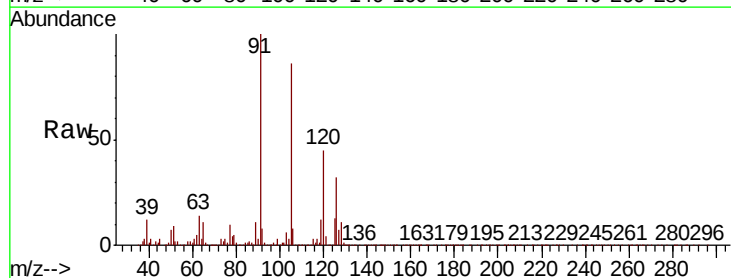
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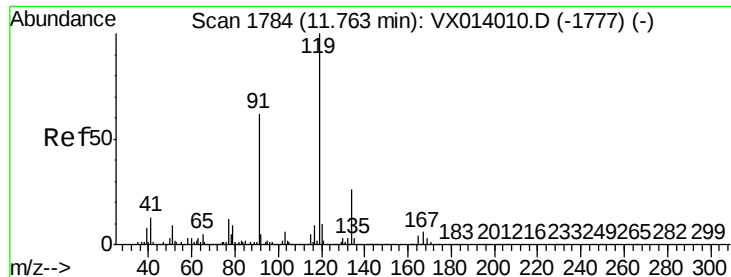
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#82
4-Chlorotoluene
Concen: 19.064 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.6	46.8





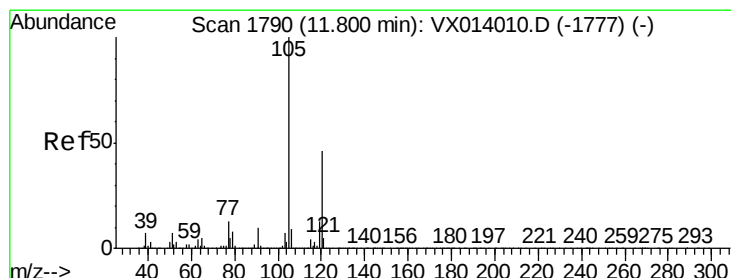
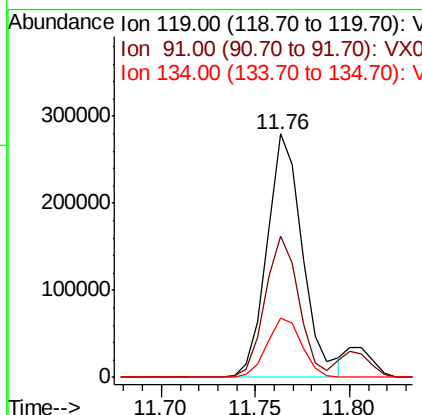
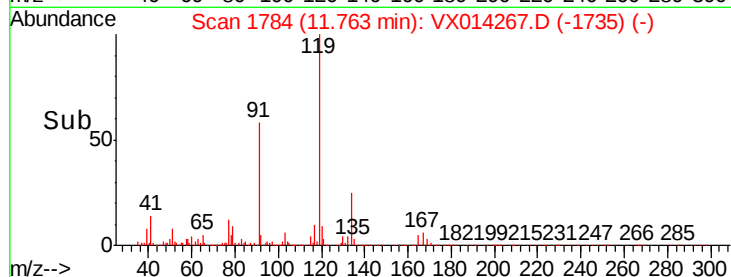
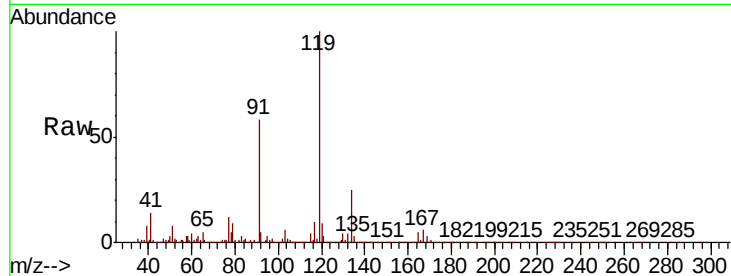
#83
tert-Butylbenzene
Concen: 19.990 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.2	28.5	85.6
134	24.2	12.2	36.6

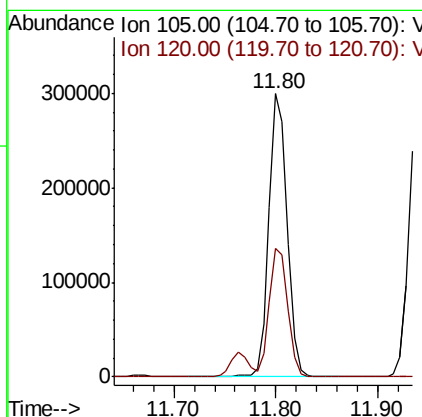
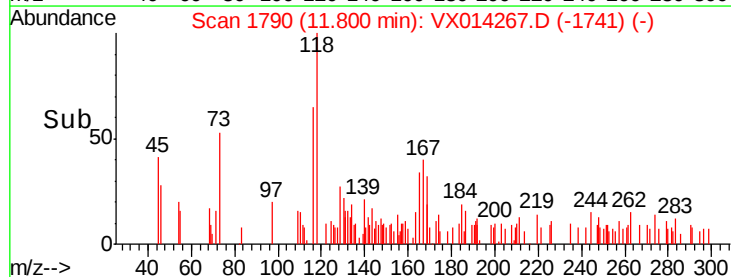
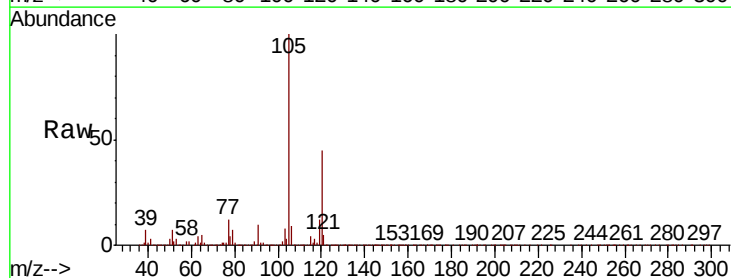
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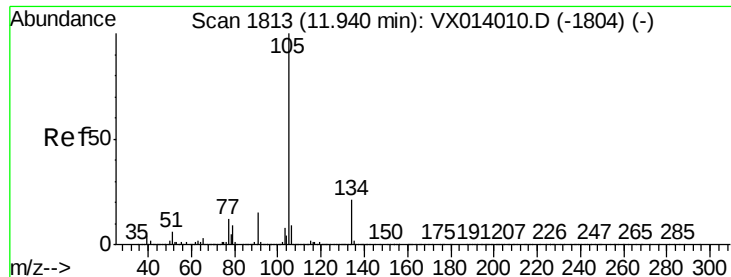
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#84
1,2,4-Trimethylbenzene
Concen: 19.621 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.1	69.2





#85

sec-Butylbenzene

Concen: 19.693 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX1226WBSD01

Tot Ion:105 Resp: 425393

Ion Ratio Lower Upper

105 100

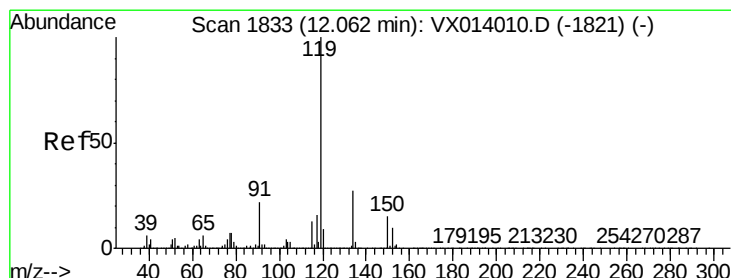
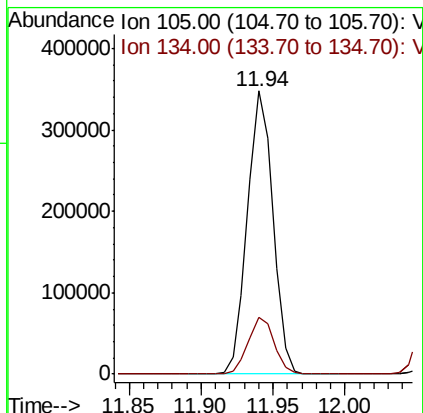
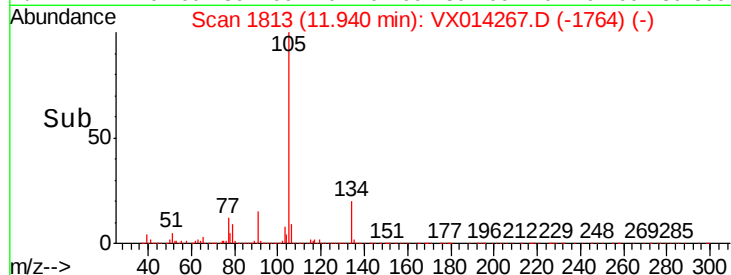
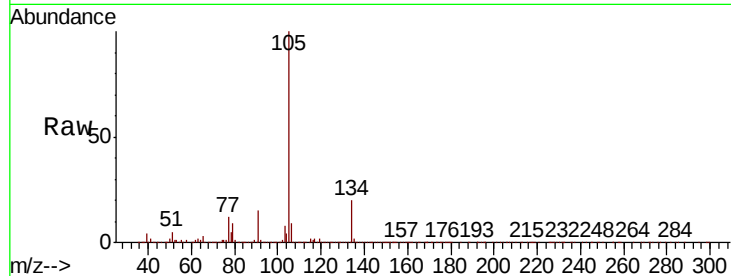
134 20.5 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 19.538 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

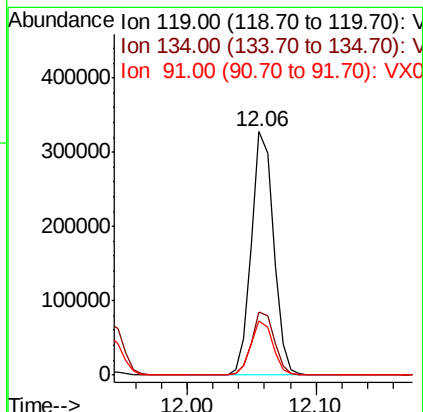
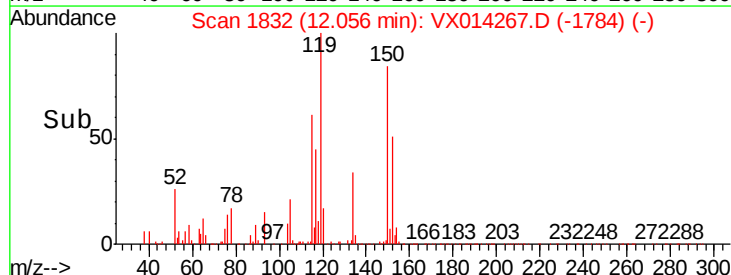
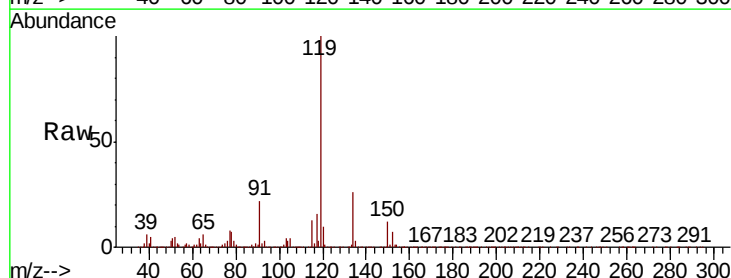
Tgt Ion:119 Resp: 386066

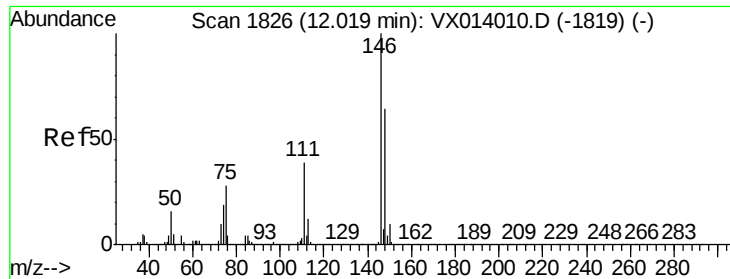
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

91 22.3 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 18.523 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

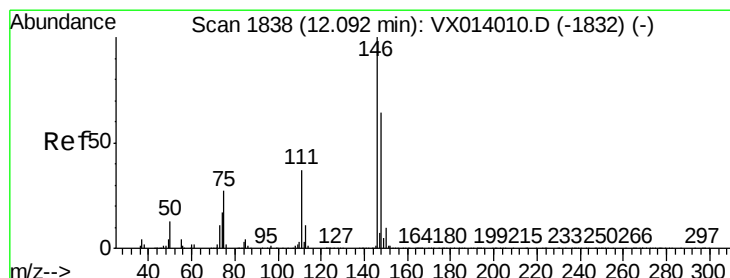
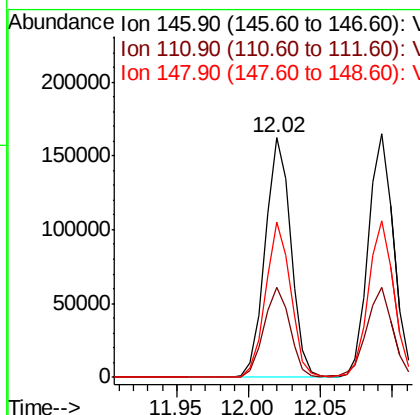
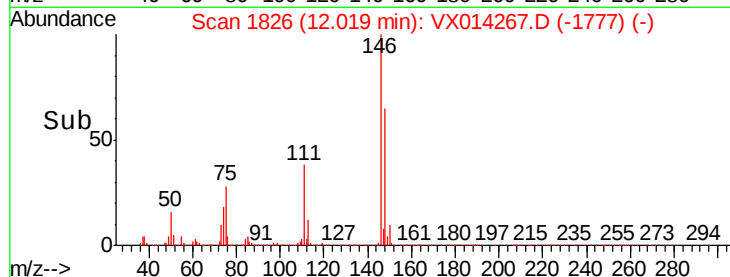
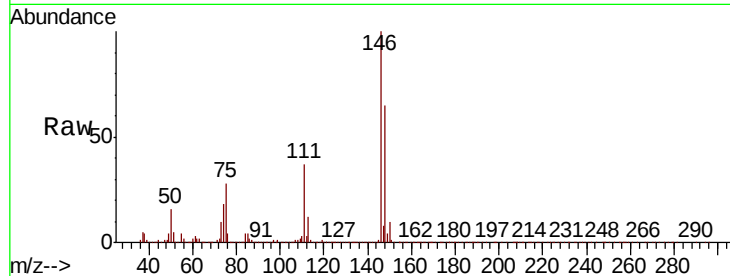
Instrument :
MSVOA_X

ClientSampleId :
VX1226WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.1	57.1
148	63.0	32.3	96.9

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#88

1,4-Dichlorobenzene

Concen: 18.078 ug/l

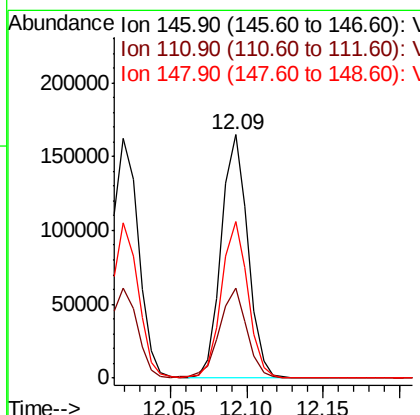
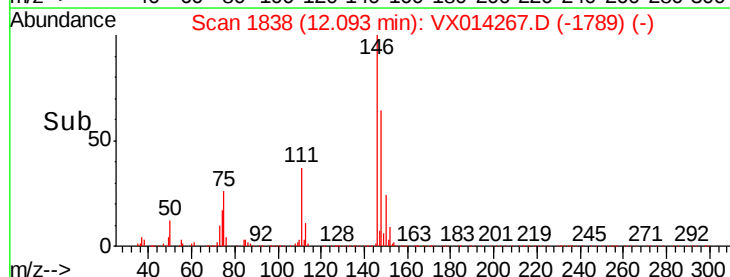
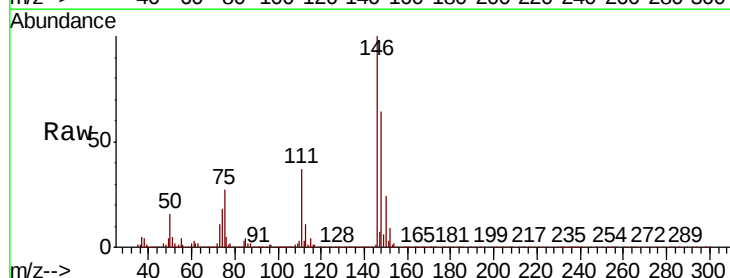
RT: 12.09 min Scan# 1838

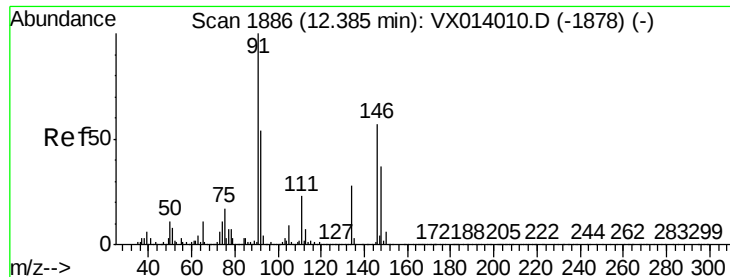
Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.7	56.1
148	64.2	31.9	95.9





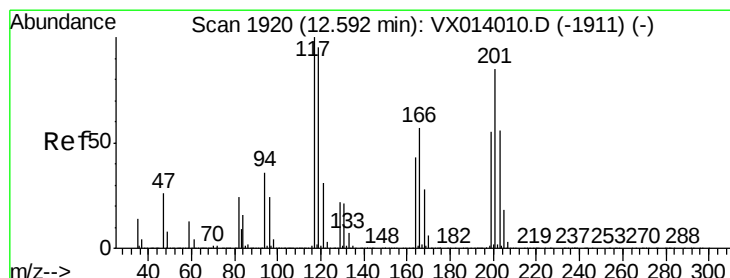
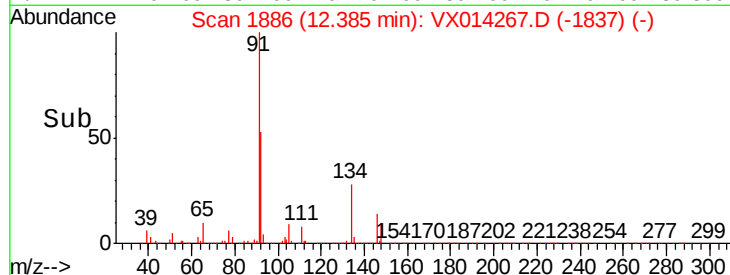
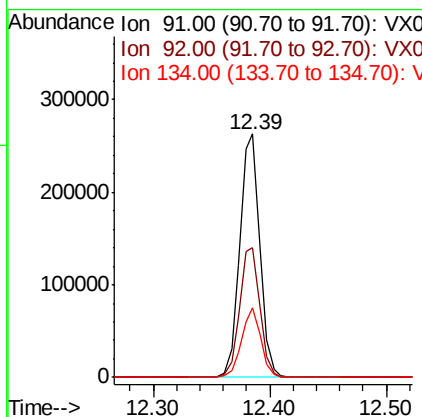
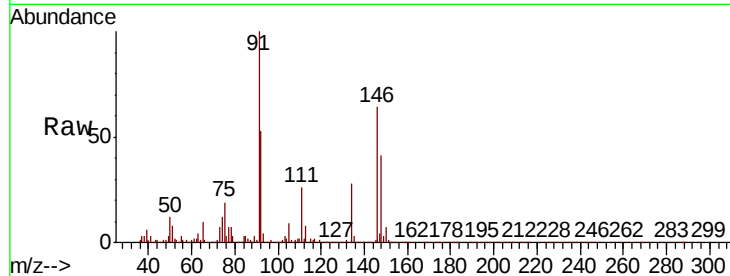
#89
n-Butylbenzene
Concen: 18.642 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	314320		
92	53.9	27.2	81.6	
134	27.2	13.4	40.1	

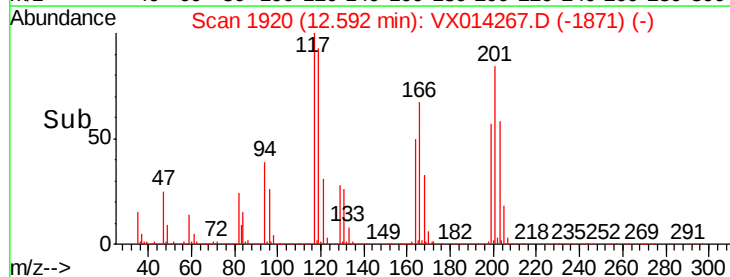
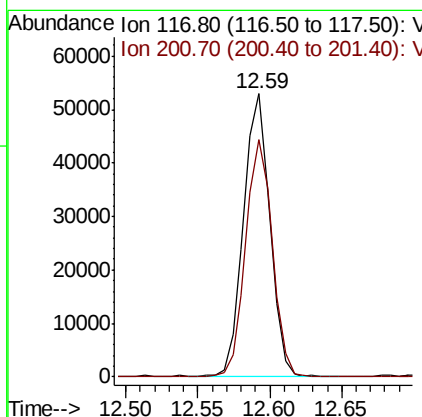
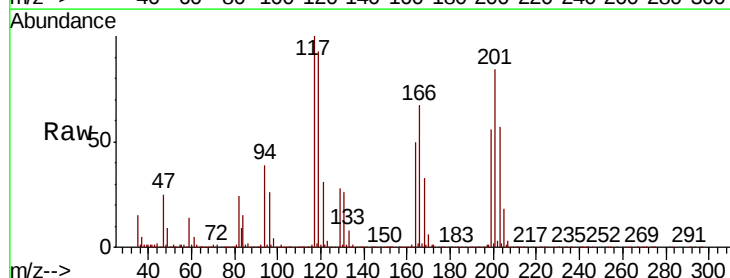
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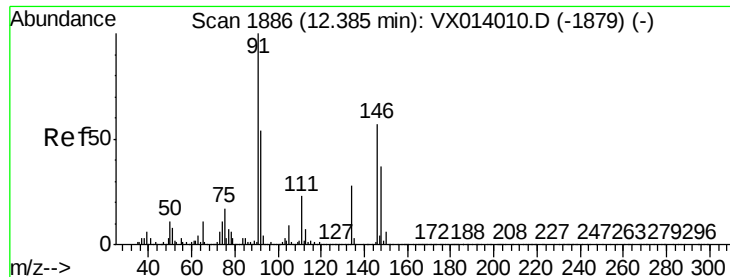
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#90
Hexachloroethane
Concen: 18.988 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	67394		
201	84.4	43.1	129.3	





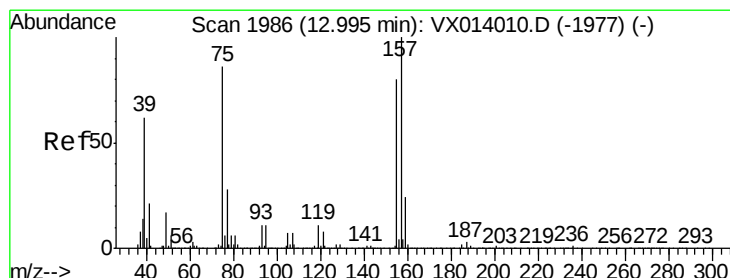
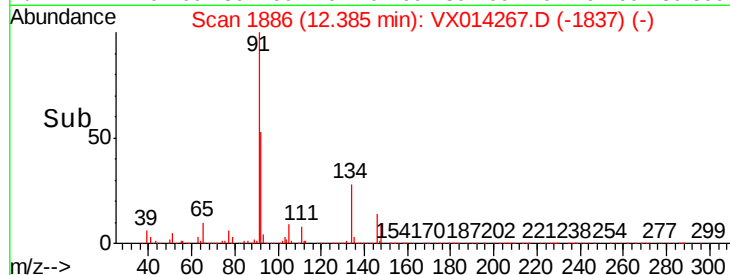
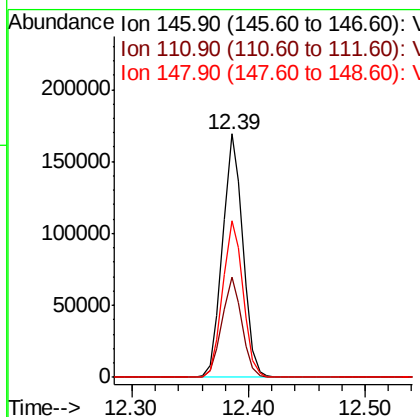
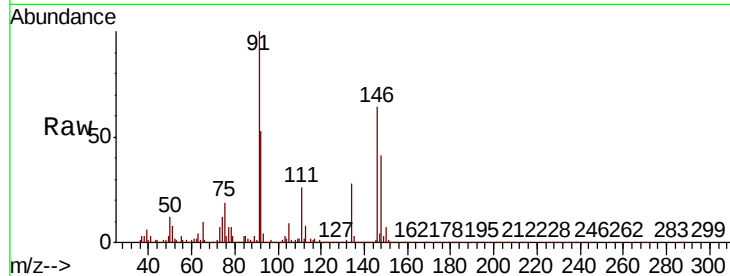
#91
 1,2-Dichlorobenzene
 Concen: 18.809 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014267.D
 Acq: 26 Dec 2019 14:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.7	59.1
148	64.6	32.1	96.5

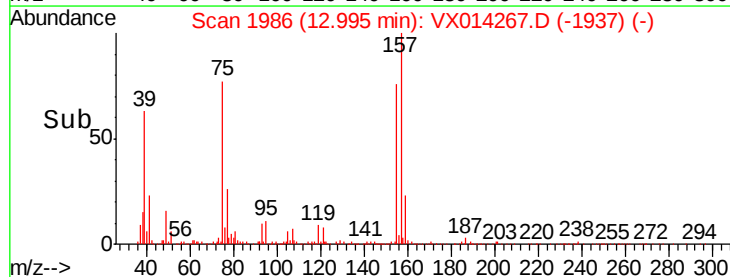
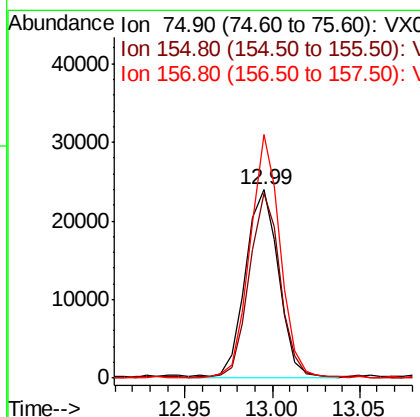
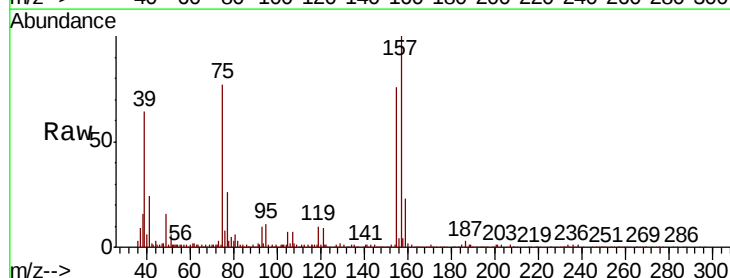
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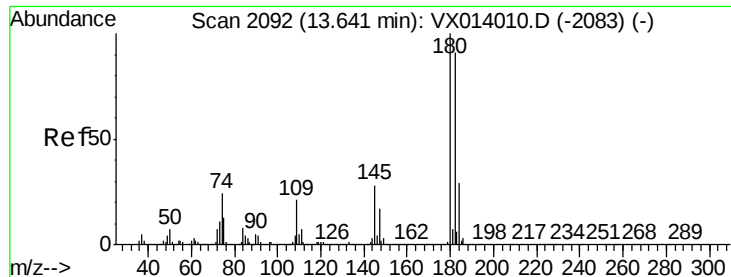
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.383 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014267.D
 Acq: 26 Dec 2019 14:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.6	46.9	140.6
157	119.0	60.8	182.4





#93

1,2,4-Trichlorobenzene

Concen: 17.361 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014267.D

Acq: 26 Dec 2019 14:24

Instrument :

MSVOA_X

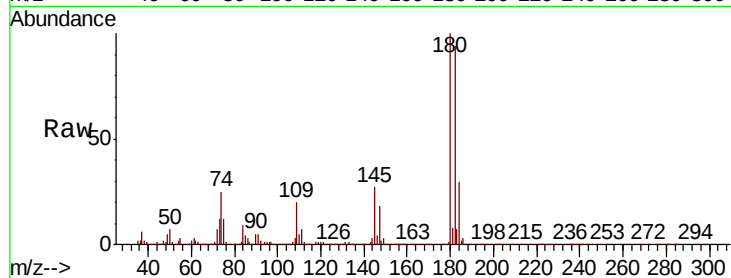
ClientSampleId :

VX1226WBSD01

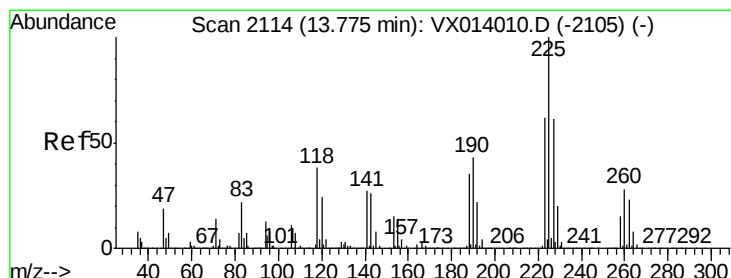
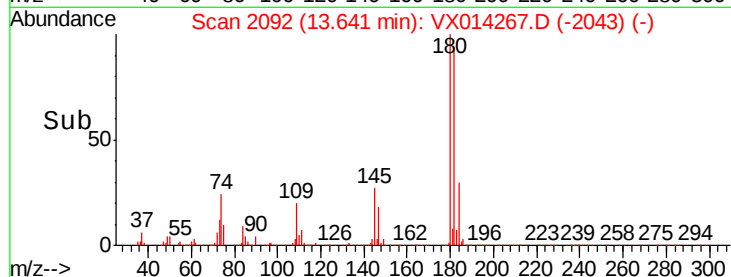
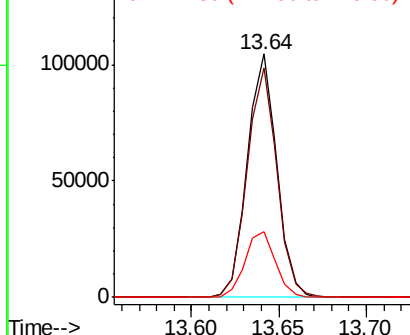
Tot Ion:	180	Resp:	122376
Ion Ratio	Lower	Upper	
180	100		
182	95.8	46.6	139.8
145	28.5	14.2	42.6

Manual Integrations
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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 18.064 ug/l

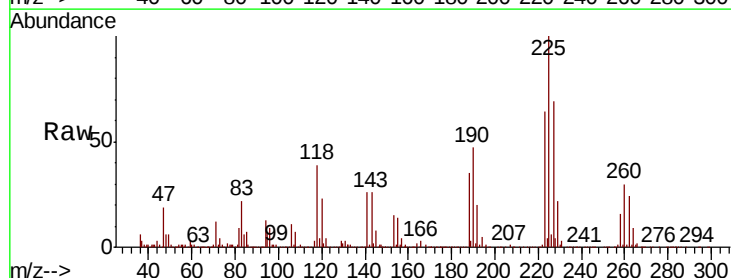
RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

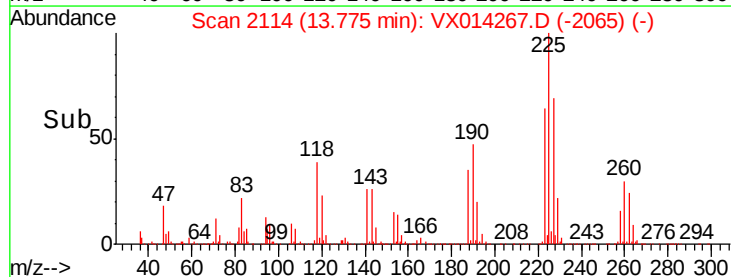
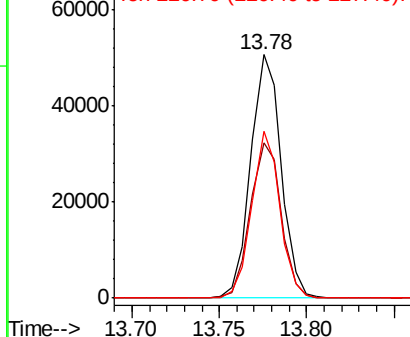
Lab File: VX014267.D

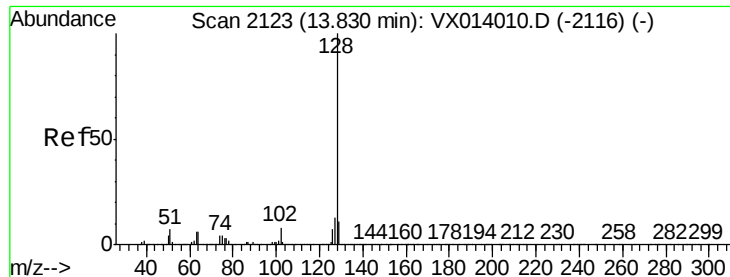
Acq: 26 Dec 2019 14:24

Tgt Ion:	225	Resp:	61194
Ion Ratio	Lower	Upper	
225	100		
223	64.7	30.9	92.5
227	63.7	30.9	92.7



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





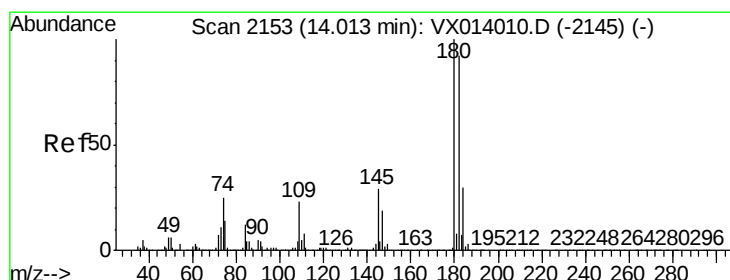
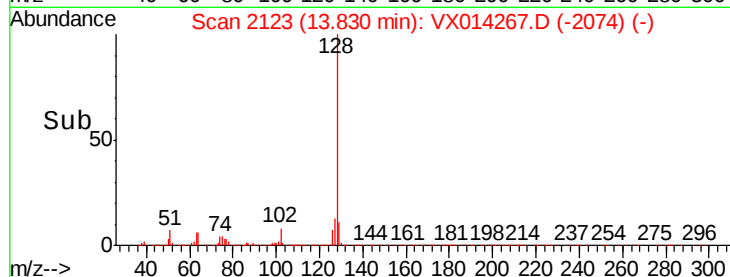
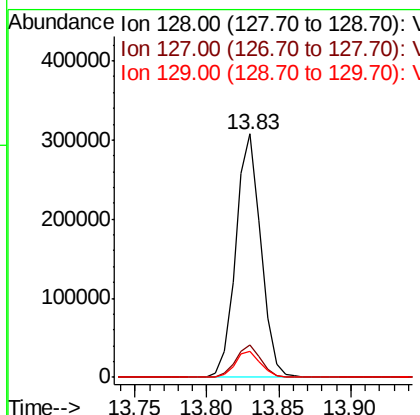
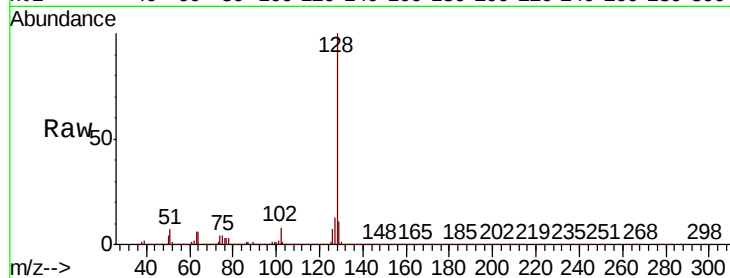
#95
Naphthalene
Concen: 18.046 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
VX1226WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.4
129	10.9	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 18.208 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014267.D
Acq: 26 Dec 2019 14:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	46.8	140.3
145	29.5	14.8	44.4

