

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122719\
 Data File : VX014304.D
 Acq On : 27 Dec 2019 13:15
 Operator : JC/SP
 Sample : VX1227WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS01

Manual Integrations
 APPROVED

apatel
 12/30/2019 11:04:11 AM

Quant Time: Dec 30 05:55:39 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	502000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	756236	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	675604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	335091	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	279188	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	5.48	113	232910	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	8.71	98	895499	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.13	95	316921	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	72939	16.241	ug/l	99
3) Chloromethane	1.32	50	106172	17.616	ug/l	99
4) Vinyl Chloride	1.40	62	111335	17.507	ug/l	98
5) Bromomethane	1.63	94	70812	15.688	ug/l	97
6) Chloroethane	1.72	64	74614	19.010	ug/l	98
7) Trichlorofluoromethane	1.92	101	144581	18.365	ug/l	99
8) Diethyl Ether	2.18	74	68900	18.648	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	89297	18.817	ug/l	99
10) Methyl Iodide	2.50	142	91746	16.512	ug/l	99
11) Tert butyl alcohol	3.02	59	102701	83.540	ug/l	98
12) 1,1-Dichloroethene	2.37	96	84094	17.415	ug/l	99
13) Acrolein	2.28	56	65112	92.524	ug/l	97
14) Allyl chloride	2.72	41	159837	18.538	ug/l	98
15) Acrylonitrile	3.12	53	272307	94.899	ug/l	98
16) Acetone	2.43	43	299472	81.077	ug/l	99
17) Carbon Disulfide	2.56	76	213580	16.443	ug/l	99
18) Methyl Acetate	2.76	43	137554	18.794	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	298610	18.818	ug/l	97
20) Methylene Chloride	2.84	84	104225	17.919	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	93026	17.486	ug/l	95
22) Diisopropyl ether	3.84	45	337578	19.648	ug/l	91
23) Vinyl Acetate	3.80	43	1376601	98.182	ug/l	100
24) 1,1-Dichloroethane	3.69	63	179965	18.827	ug/l	99
25) 2-Butanone	4.65	43	408777	89.764	ug/l	96
26) 2,2-Dichloropropane	4.56	77	138158	18.615	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	110920	18.436	ug/l	99
28) Bromochloromethane	5.00	49	78966	21.739	ug/l	96
29) Tetrahydrofuran	5.11	42	239111	93.876	ug/l	99
30) Chloroform	5.20	83	172043	18.986	ug/l	99
31) Cyclohexane	5.57	56	154089	18.124	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	139166	18.020	ug/l	99
36) 1,1-Dichloropropene	5.79	75	125643	18.107	ug/l	99
37) Ethyl Acetate	4.81	43	146823	19.161	ug/l	99
38) Carbon Tetrachloride	5.78	117	117060	18.518	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	158060	18.448	ug/l	98
40) Benzene	6.13	78	400895	18.777	ug/l	100
41) Methacrylonitrile	5.03	41	81690	19.214	ug/l	98
42) 1,2-Dichloroethane	6.18	62	135193	18.680	ug/l	99
43) Isopropyl Acetate	6.43	43	236159	18.623	ug/l	100
44) Trichloroethene	7.20	130	109283	18.532	ug/l	94
45) 1,2-Dichloropropane	7.51	63	104719	19.136	ug/l	97
46) Dibromomethane	7.65	93	66455	18.368	ug/l	99
47) Bromodichloromethane	7.89	83	126077	18.503	ug/l	98
48) Methyl methacrylate	7.76	41	114374	18.419	ug/l	99
49) 1,4-Dioxane	7.73	88	42618	337.258	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	743342	93.339	ug/l	99
52) Toluene	8.78	92	249620	18.498	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	140325	18.781	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	157749	18.952	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	103324	19.104	ug/l	99
56) Ethyl methacrylate	9.17	69	155302	18.280	ug/l	99
57) 1,3-Dichloropropane	9.36	76	172450	18.951	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	327178	101.761	ug/l	99
59) 2-Hexanone	9.48	43	581761	90.744	ug/l	100
60) Dibromochloromethane	9.57	129	101232	18.830	ug/l	100
61) 1,2-Dibromoethane	9.67	107	105994	19.154	ug/l	98
64) Tetrachloroethene	9.33	164	117215	19.607	ug/l	98
65) Chlorobenzene	10.14	112	265338	18.471	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	95733	18.665	ug/l	100
67) Ethyl Benzene	10.24	91	467925	18.947	ug/l	100
68) m/p-Xylenes	10.35	106	358602	37.753	ug/l	100
69) o-Xylene	10.70	106	172906	18.560	ug/l	98
70) Styrene	10.71	104	293024	18.601	ug/l	99
71) Bromoform	10.85	173	74032	17.956	ug/l #	100
73) Isopropylbenzene	11.01	105	456059	19.330	ug/l	99
74) N-amyl acetate	10.89	43	200215	18.104	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	151896	18.570	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	125481m	17.249	ug/l	
77) Bromobenzene	11.25	156	118787	18.299	ug/l	98
78) n-propylbenzene	11.35	91	518456	19.591	ug/l	100
79) 2-Chlorotoluene	11.42	91	309572	19.244	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	383872	19.333	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	45707	17.734	ug/l	92
82) 4-Chlorotoluene	11.51	91	355142	19.032	ug/l	99
83) tert-Butylbenzene	11.76	119	360175	18.640	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	384678	19.346	ug/l	100
85) sec-Butylbenzene	11.94	105	448109	19.644	ug/l	100
86) p-Isopropyltoluene	12.06	119	409125	19.607	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	211028	18.549	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	212106	18.336	ug/l	100
89) n-Butylbenzene	12.38	91	348032	19.547	ug/l	100
90) Hexachloroethane	12.59	117	67356	17.971	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	208618	18.216	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29301	16.188	ug/l	96

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Instrument :
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ClientSampleId :
VX1227WBS01

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	136968	18.401	ug/l	97
94) Hexachlorobutadiene	13.77	225	70352	19.666	ug/l	99
95) Naphthalene	13.83	128	404936	18.516	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	140764	19.157	ug/l	99

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

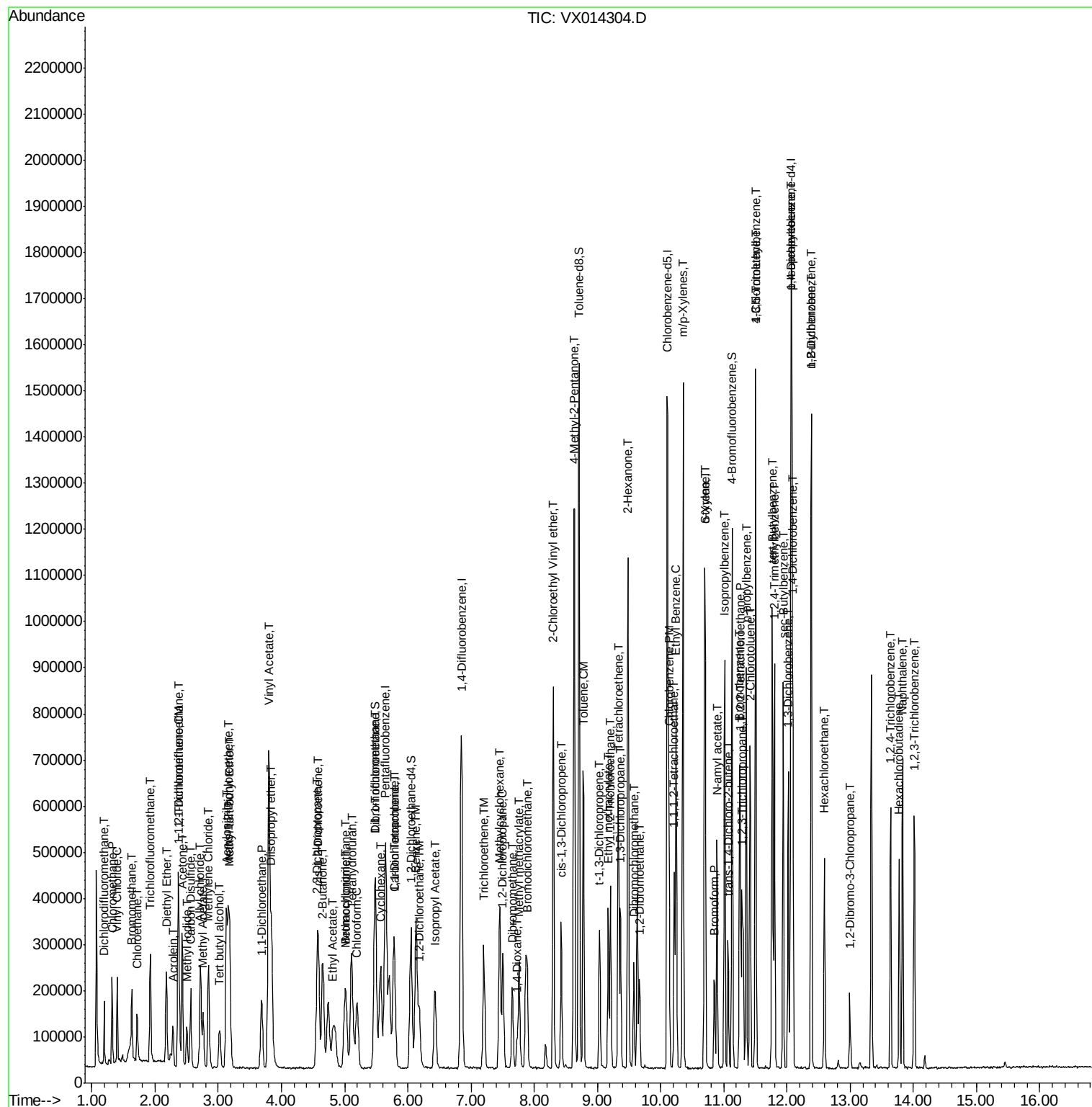
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 Data File : VX014304.D
 Acq On : 27 Dec 2019 13:15
 Operator : JC/SP
 Sample : VX1227WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

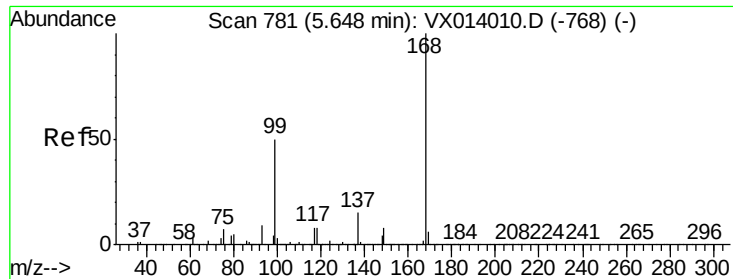
Instrument :
 MSVOA_X
 ClientSampleID :
 VX1227WBS01

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#1

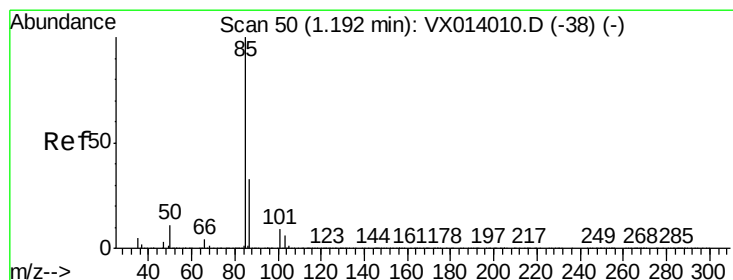
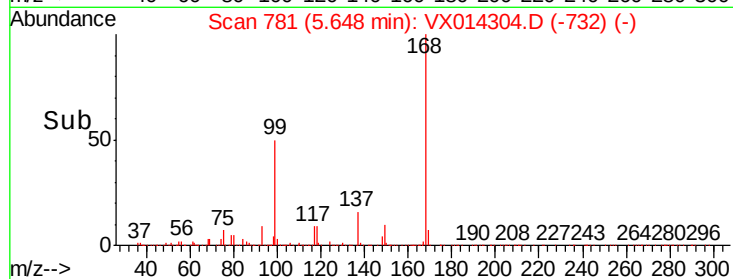
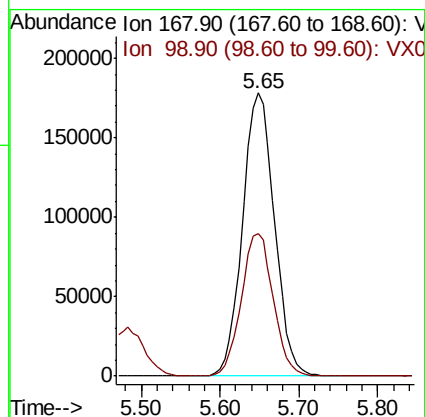
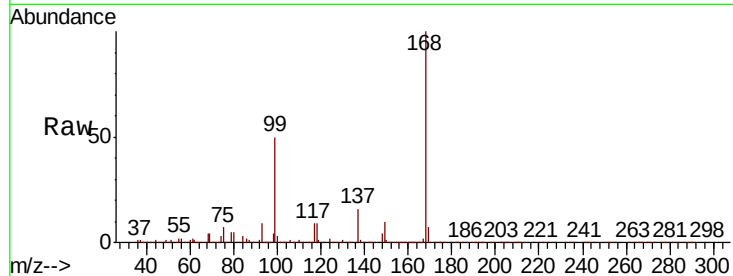
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: VX014304.D
 Acq: 27 Dec 2019 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	502000		
99	50.1		40.3	60.5

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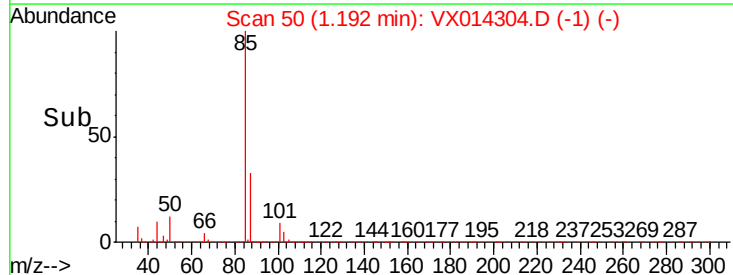
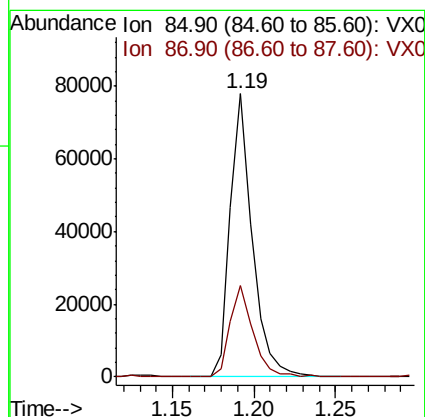
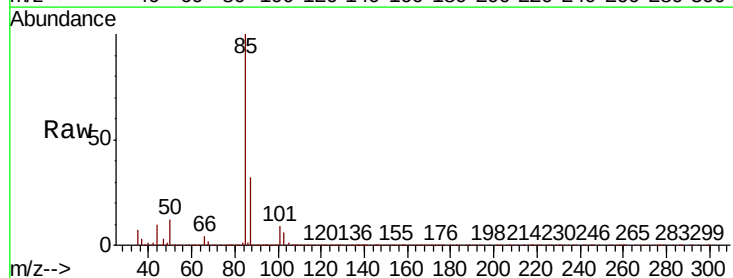
apatel
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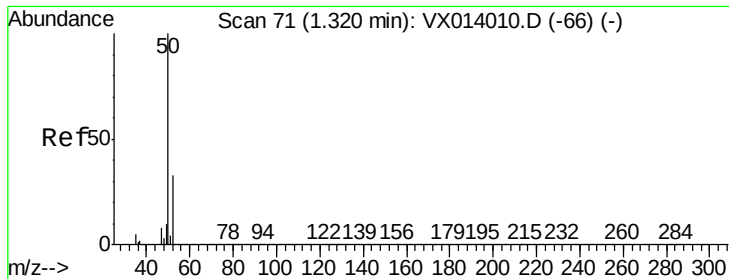


#2

Dichlorodifluoromethane
 Concen: 16.241 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX014304.D
 Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	72939		
87	32.4		16.4	49.2





#3

Chloromethane

Concen: 17.616 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS01

Tot Ion: 50 Resp: 106172

Ion Ratio Lower Upper

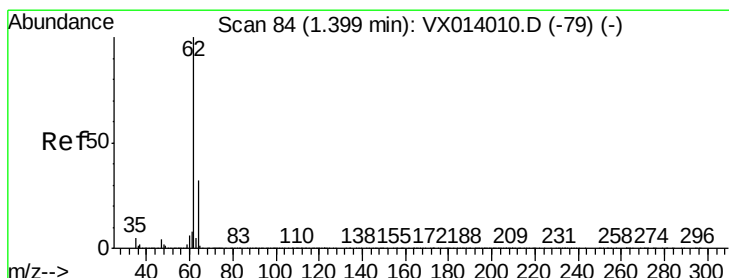
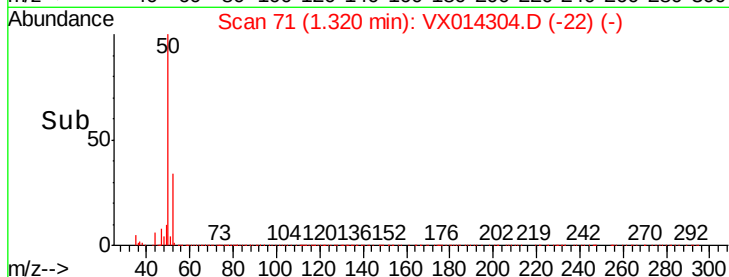
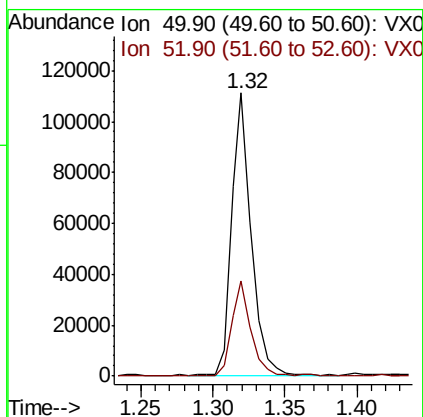
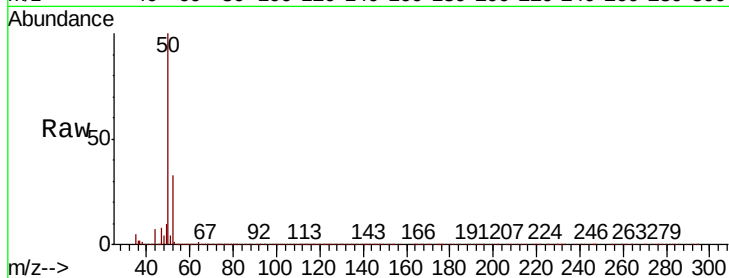
50 100

52 33.3 26.2 39.4

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#4

Vinyl Chloride

Concen: 17.507 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014304.D

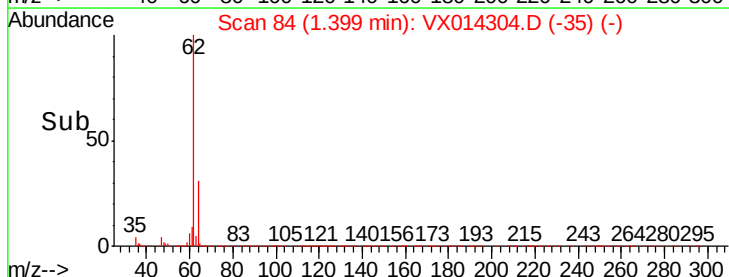
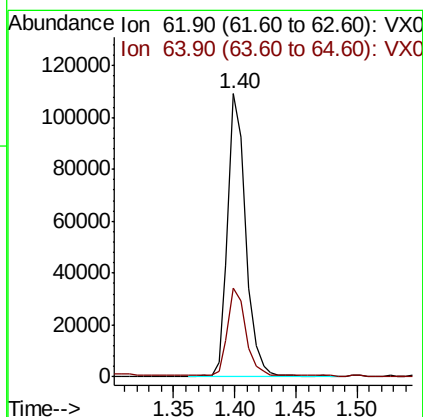
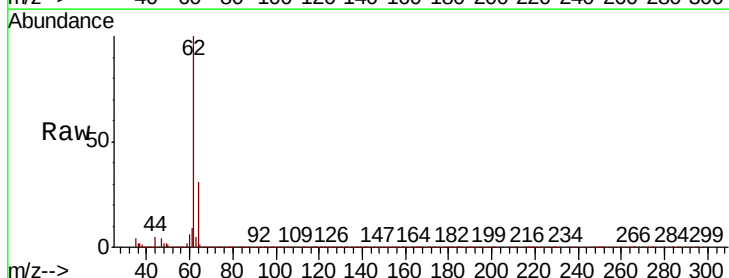
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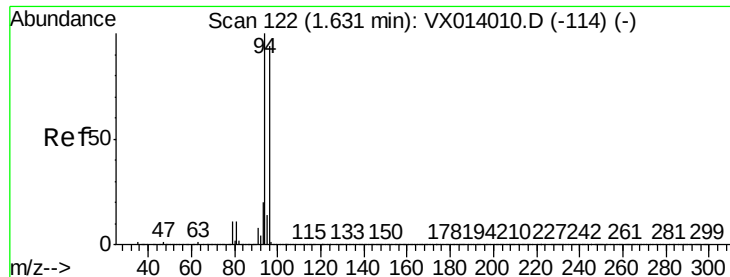
Tgt Ion: 62 Resp: 111335

Ion Ratio Lower Upper

62 100

64 31.0 25.7 38.5





#5

Bromomethane

Concen: 15.688 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS01

Tot Ion: 94 Resp: 70812

Ion Ratio Lower Upper

94 100

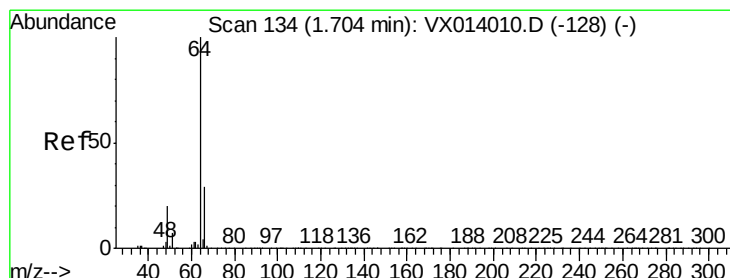
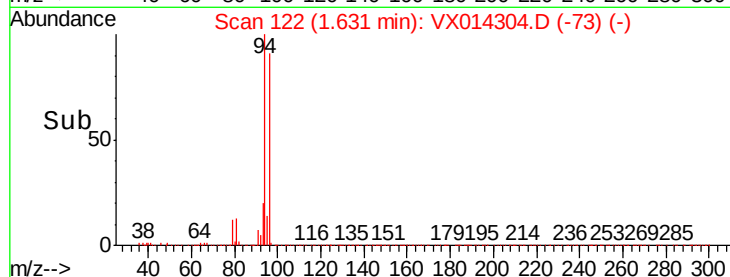
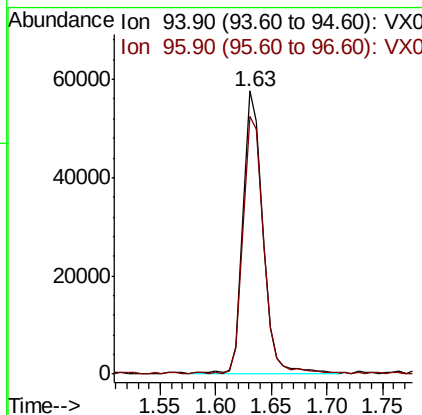
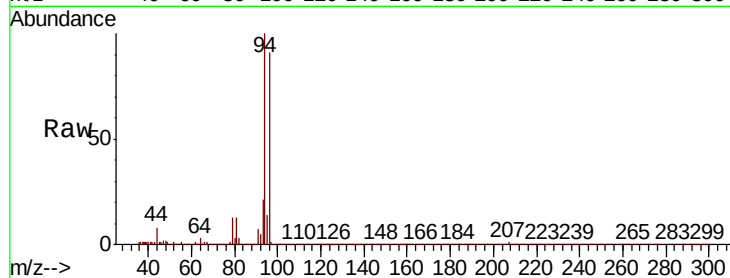
96 91.4 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 19.010 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014304.D

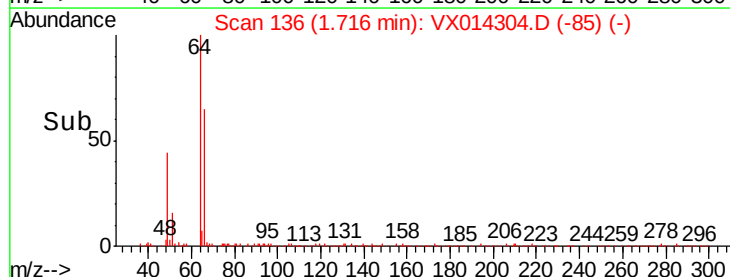
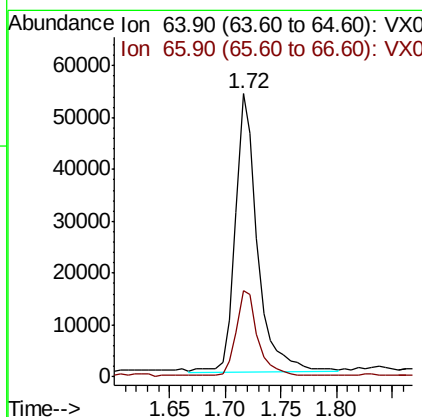
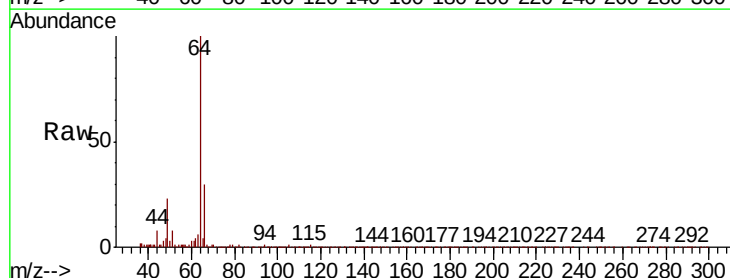
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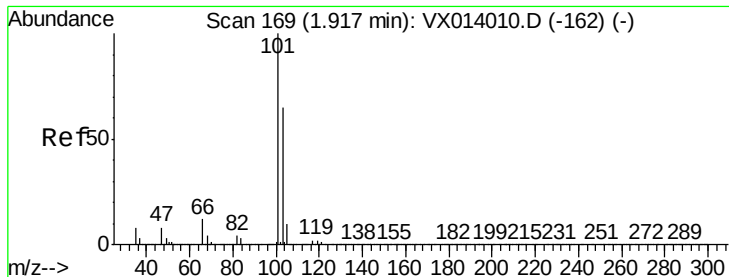
Tgt Ion: 64 Resp: 74614

Ion Ratio Lower Upper

64 100

66 30.5 23.4 35.2





#7

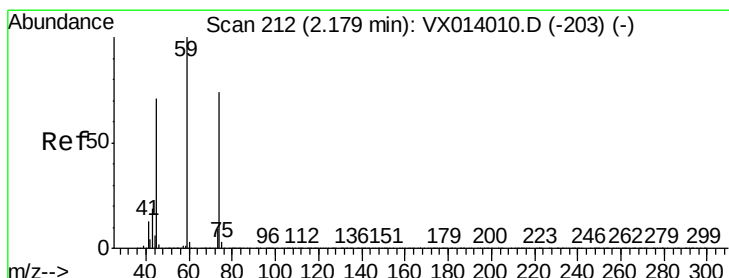
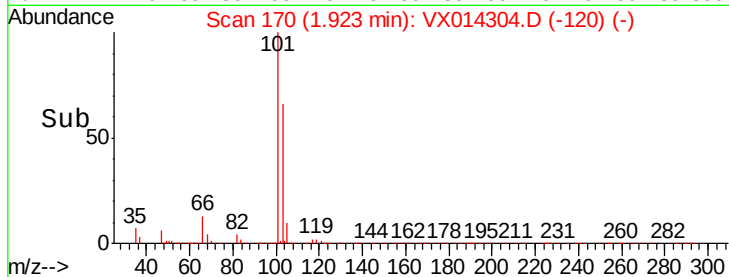
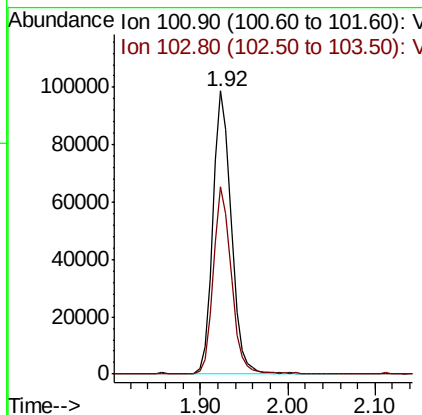
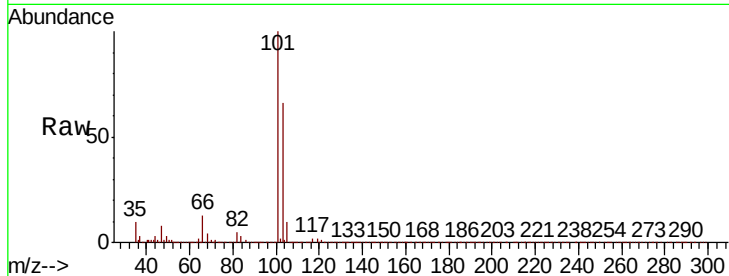
Trichlorofluoromethane
Concen: 18.365 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	144581		
103	66.1	52.2	78.4	

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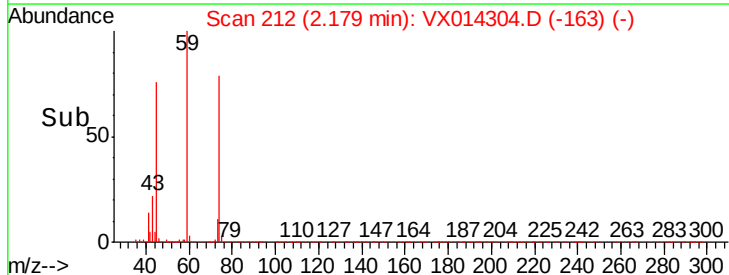
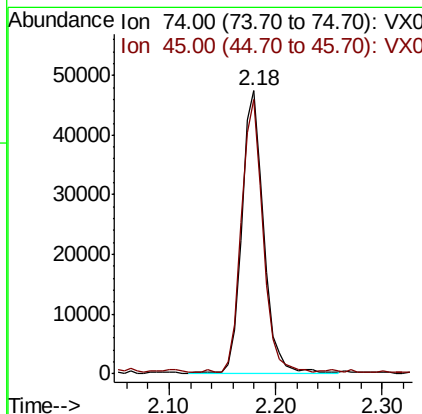
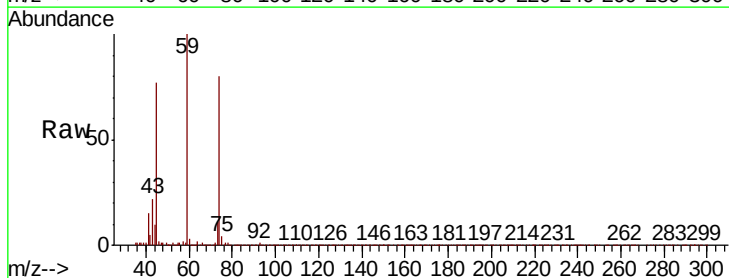
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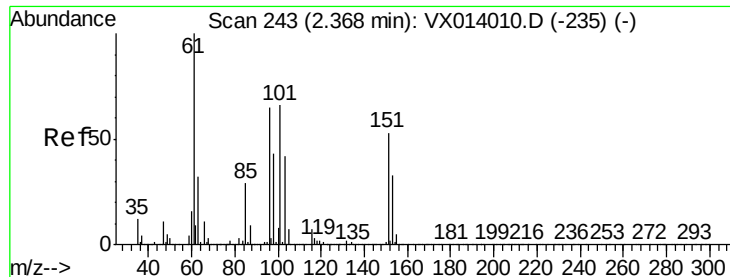


#8

Diethyl Ether
Concen: 18.648 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	68900		
45	94.8	48.1	144.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.817 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

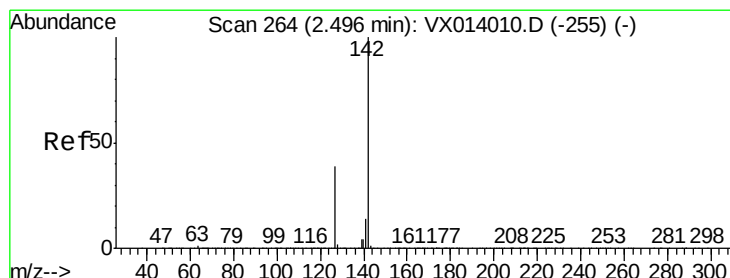
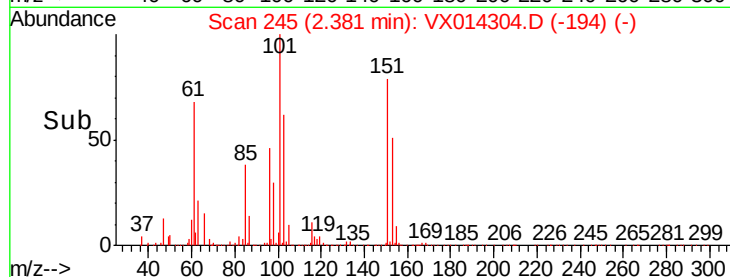
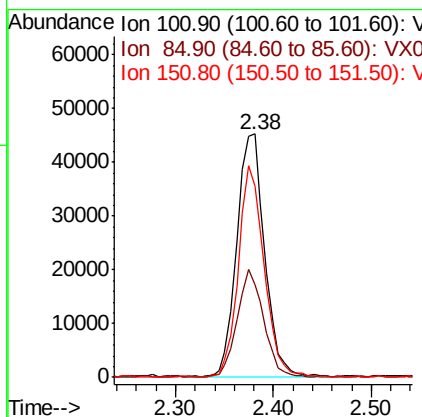
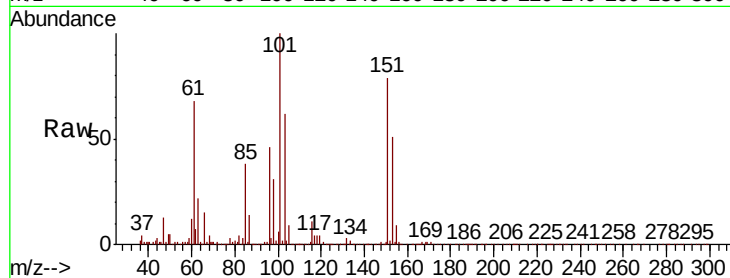
ClientSampleId :

VX1227WBS01

Tot Ion:	101	Resp:	89297
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.7	50.5
151	81.2	64.5	96.7

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#10

Methyl Iodide

Concen: 16.512 ug/l

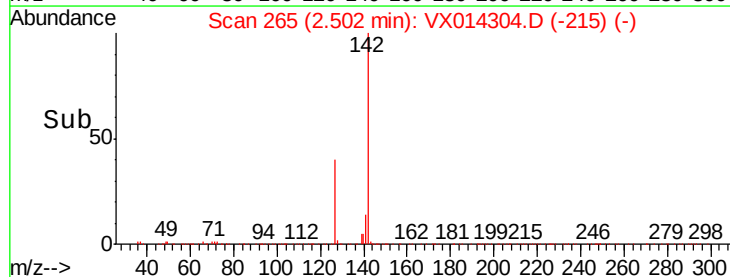
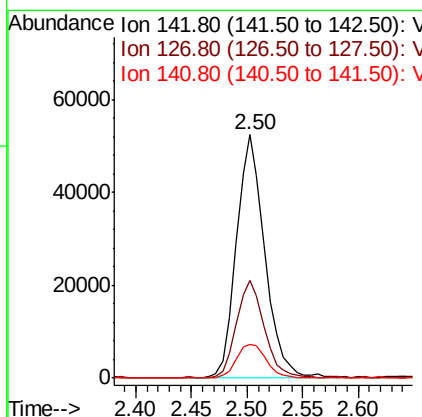
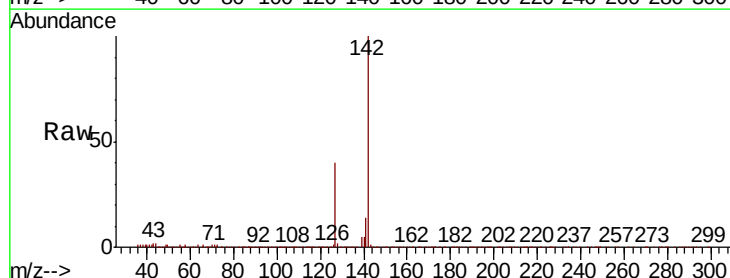
RT: 2.50 min Scan# 265

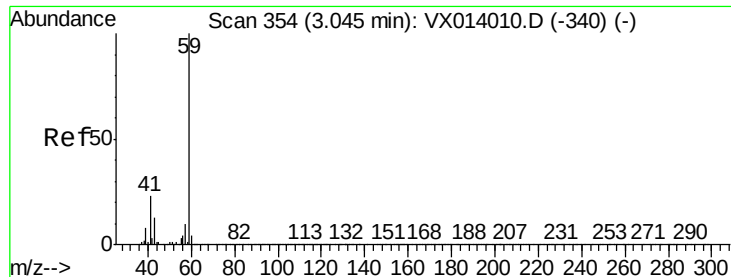
Delta R.T. 0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Tgt Ion:	142	Resp:	91746
Ion Ratio	Lower	Upper	
142	100		
127	38.8	31.6	47.4
141	15.2	11.6	17.4





#11

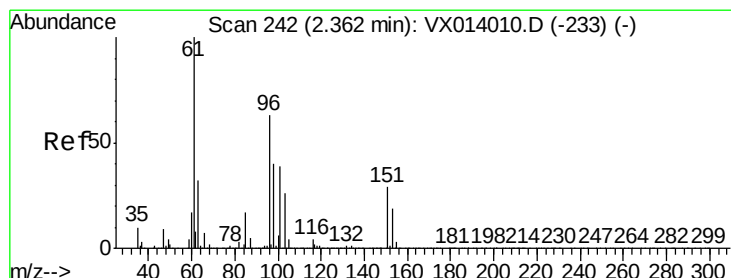
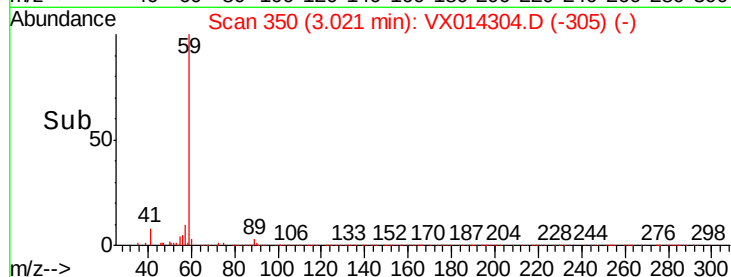
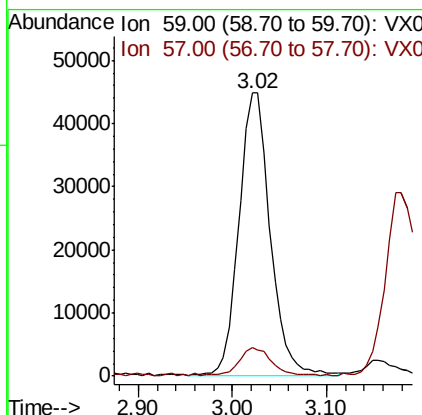
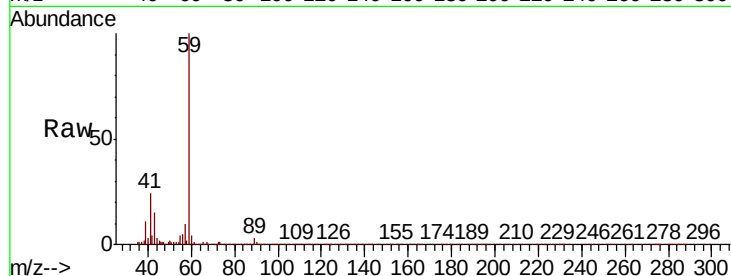
Tert butyl alcohol
Concen: 83.540 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.4	12.6

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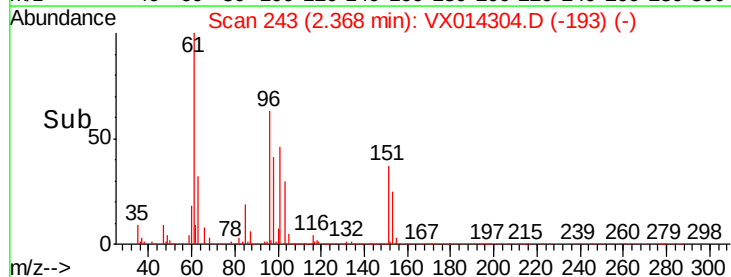
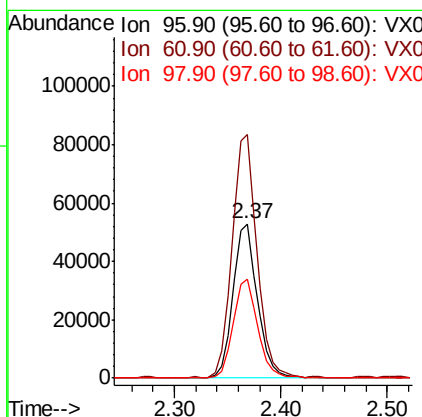
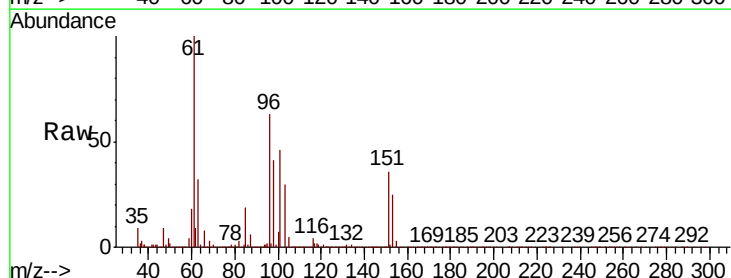
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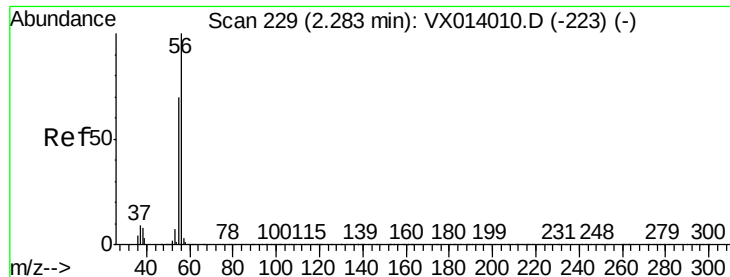


#12

1,1-Dichloroethene
Concen: 17.415 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.0	127.9	191.9
98	64.3	50.5	75.7





#13

Acrolein

Concen: 92.524 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS01

Tot Ion: 56 Resp: 65112

Ion Ratio Lower Upper

56 100

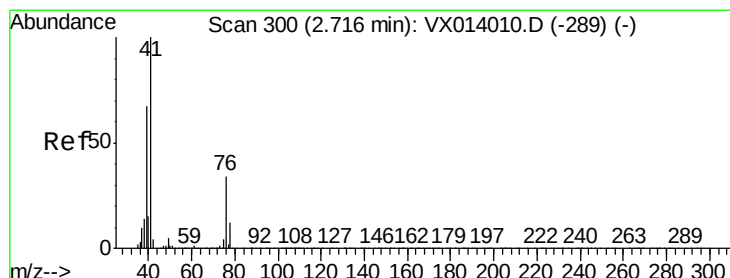
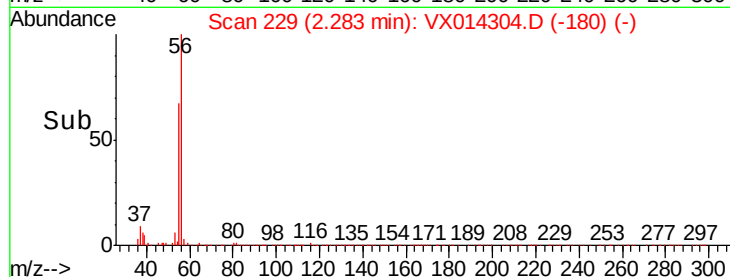
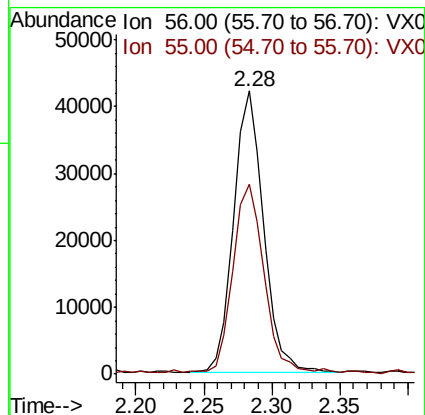
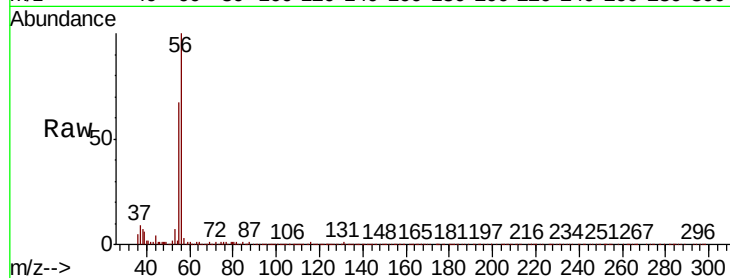
55 68.7 56.9 85.3

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#14

Allyl chloride

Concen: 18.538 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

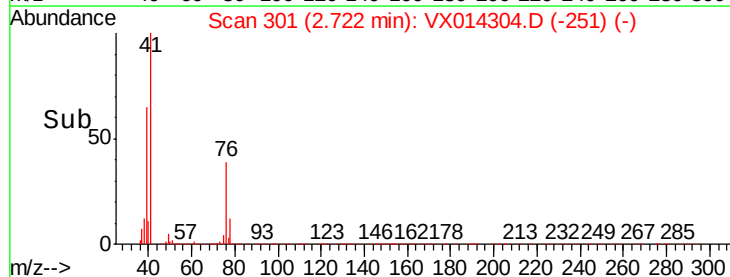
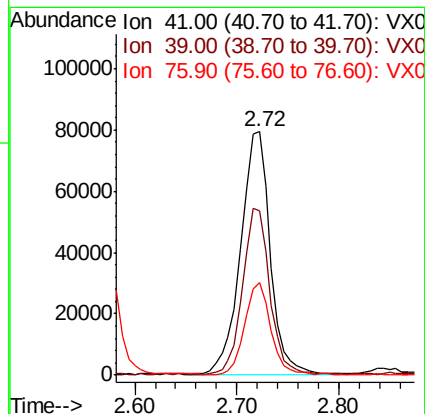
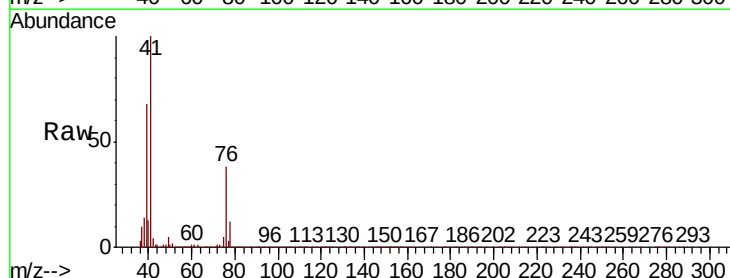
Tgt Ion: 41 Resp: 159837

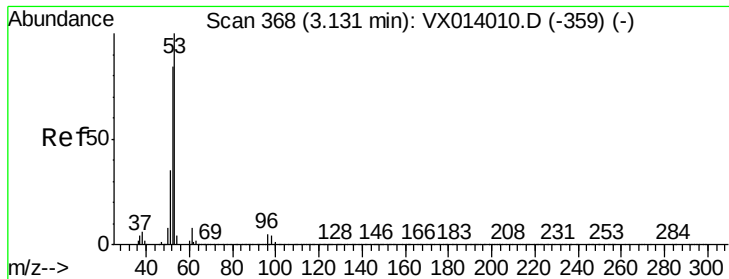
Ion Ratio Lower Upper

41 100

39 62.9 51.8 77.8

76 32.6 25.9 38.9





#15

Acrylonitrile

Concen: 94.899 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

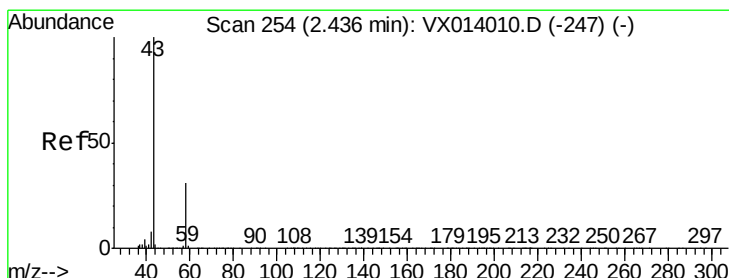
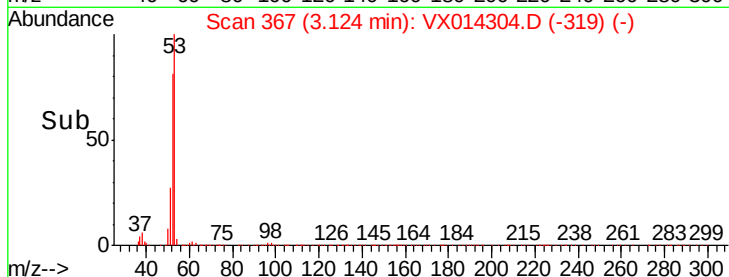
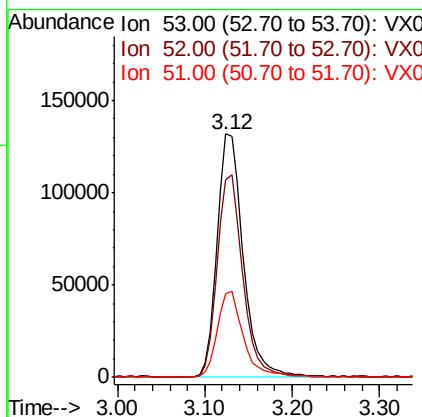
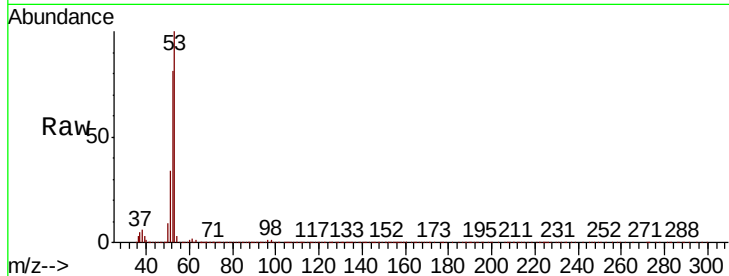
ClientSampleId :

VX1227WBS01

Tot Ion:	53	Resp:	272307
Ion Ratio		Lower	Upper
53	100		
52	81.2	66.5	99.7
51	35.9	28.1	42.1

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#16

Acetone

Concen: 81.077 ug/l

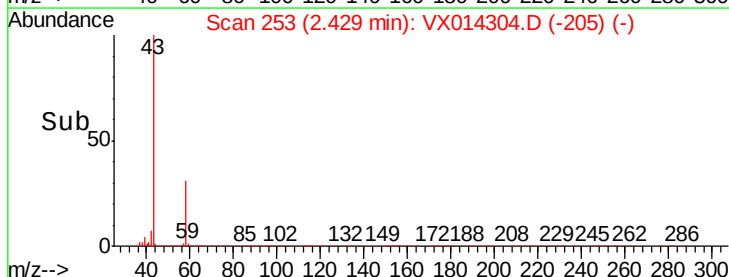
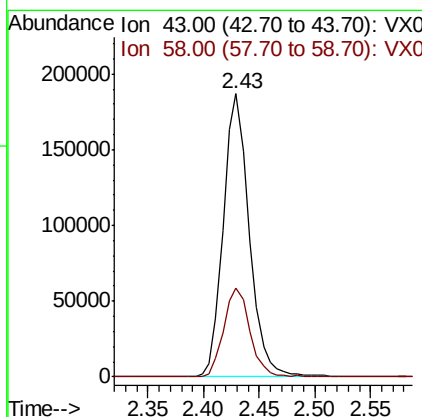
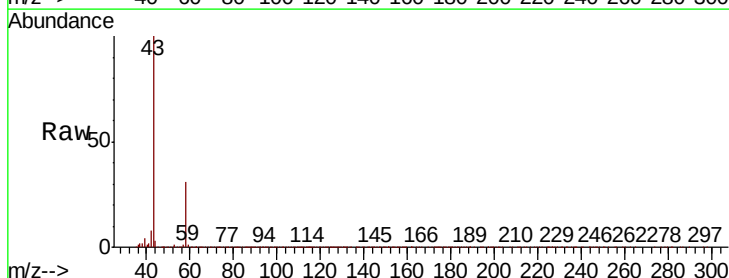
RT: 2.43 min Scan# 253

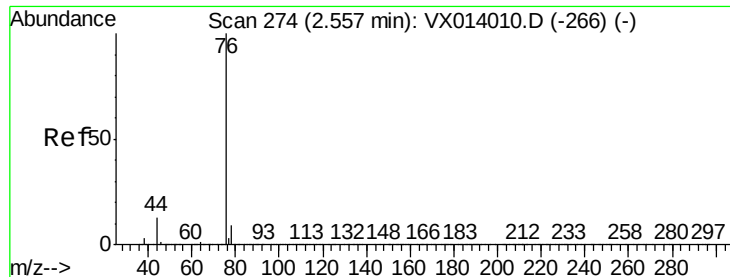
Delta R.T. -0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Tgt Ion:	43	Resp:	299472
Ion Ratio		Lower	Upper
43	100		
58	31.4	24.9	37.3





#17

Carbon Disulfide

Concen: 16.443 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS01

Tot Ion: 76 Resp: 213580

Ion Ratio Lower Upper

76 100

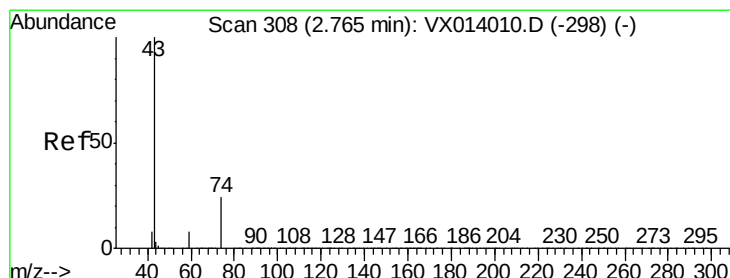
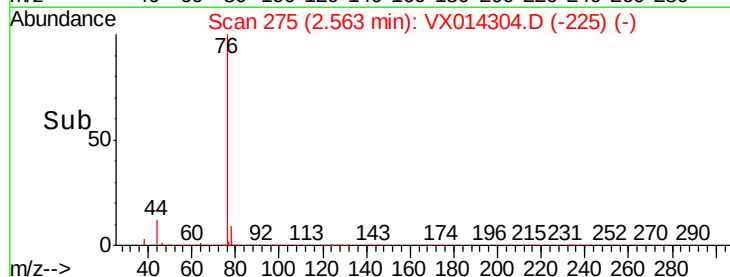
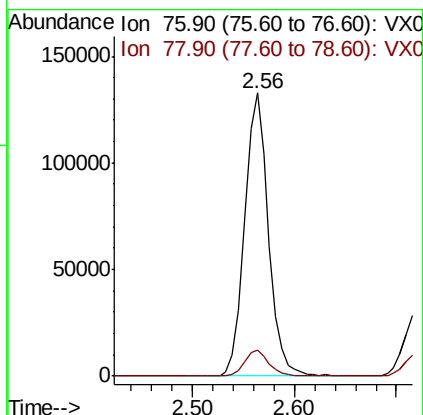
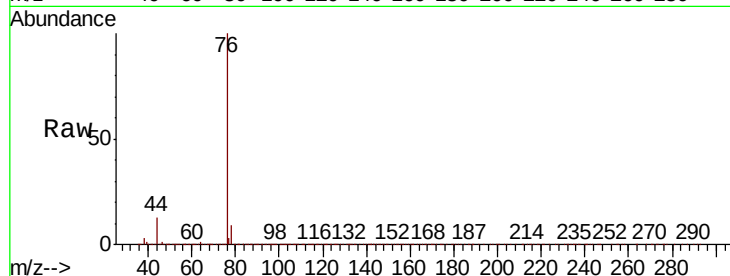
78 9.2 7.2 10.8

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#18

Methyl Acetate

Concen: 18.794 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014304.D

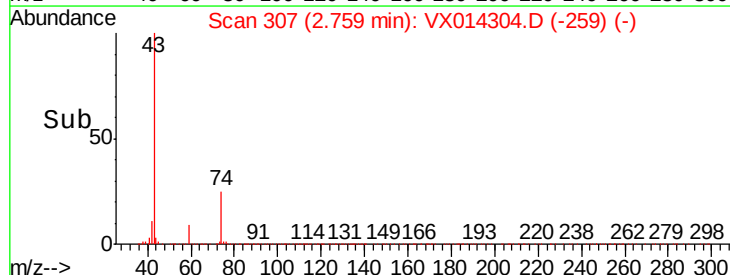
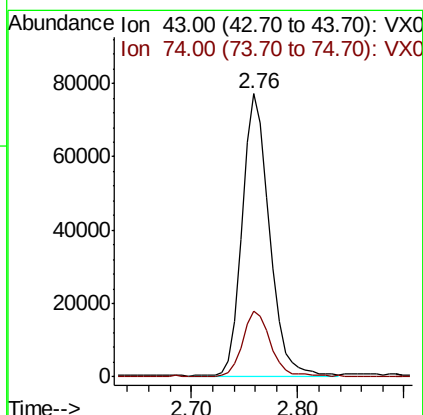
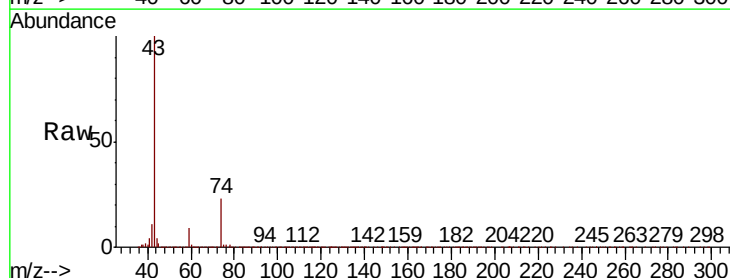
Acq: 27 Dec 2019 13:15

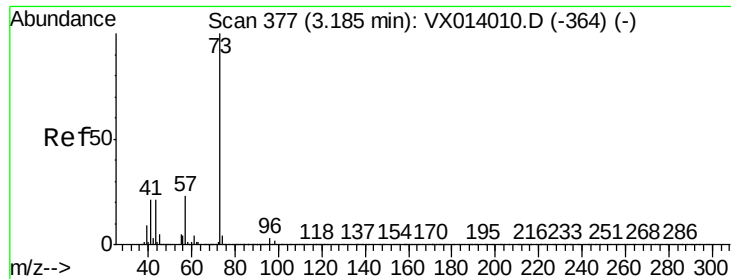
Tgt Ion: 43 Resp: 137554

Ion Ratio Lower Upper

43 100

74 23.4 19.5 29.3





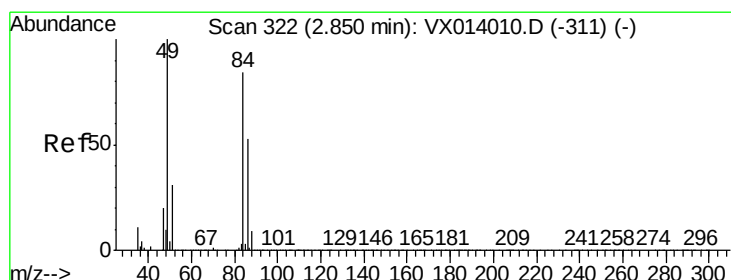
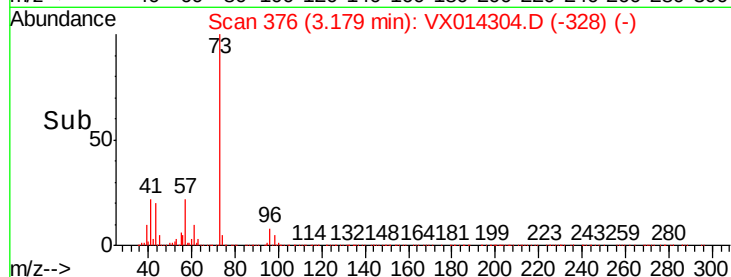
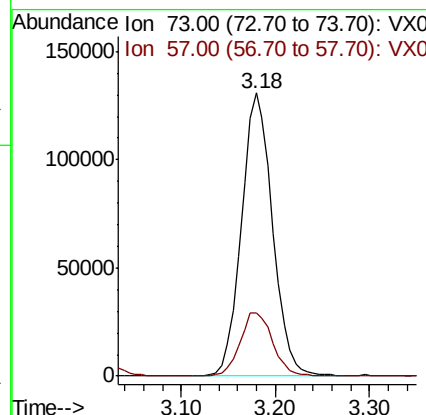
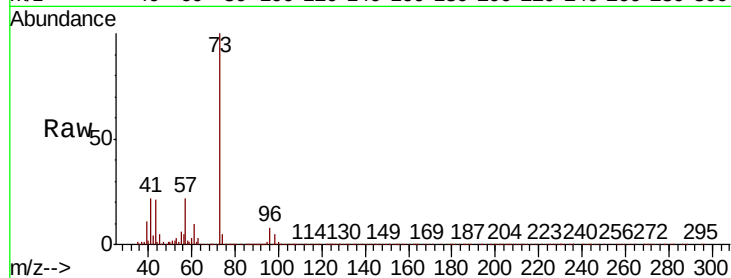
#19
Methyl tert-butyl Ether
Concen: 18.818 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.8	28.2

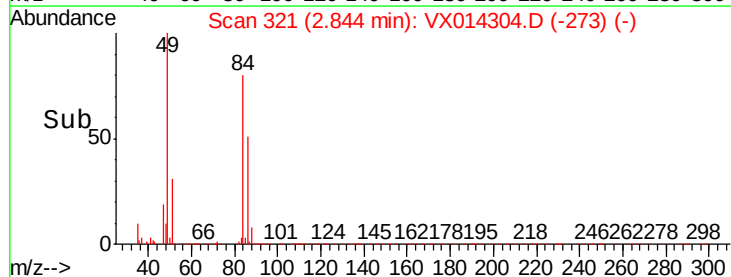
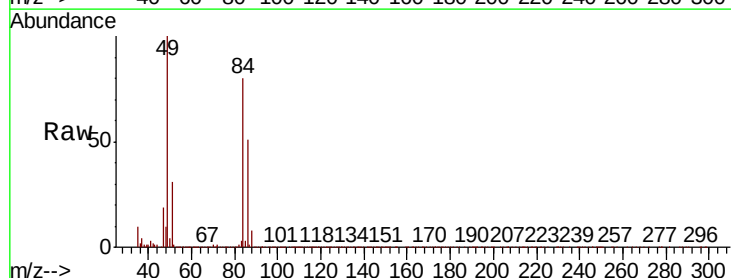
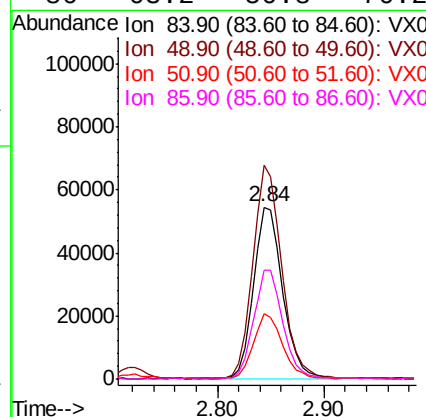
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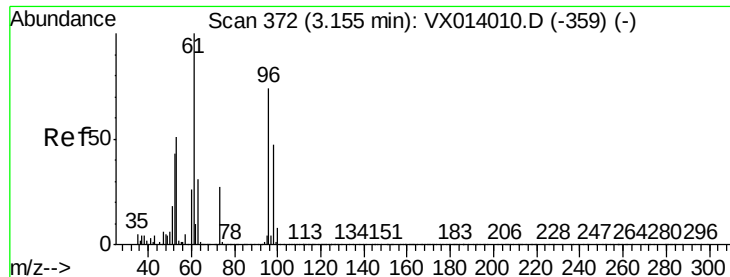
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#20
Methylene Chloride
Concen: 17.919 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.1	95.8	143.6
51	37.6	29.8	44.8
86	63.2	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 17.486 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS01

Tot Ion: 96 Resp: 93026

Ion Ratio Lower Upper

96 100

61 143.5 108.3 162.5

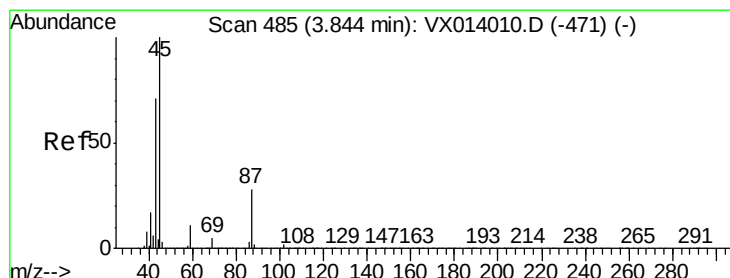
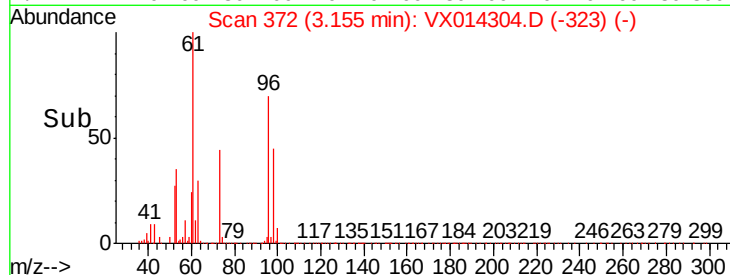
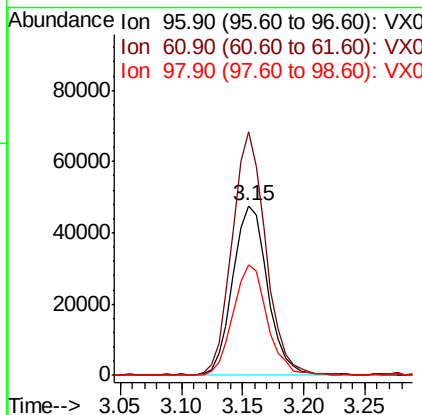
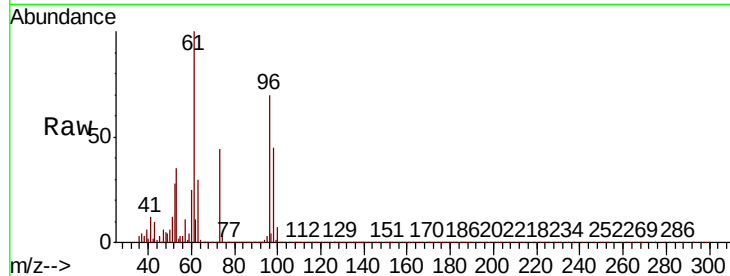
98 64.6 50.8 76.2

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#22

Diisopropyl ether

Concen: 19.648 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Tgt Ion: 45 Resp: 337578

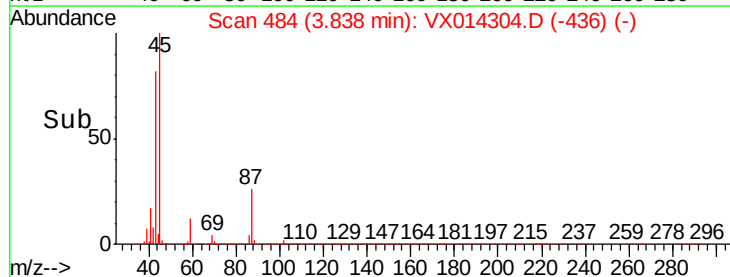
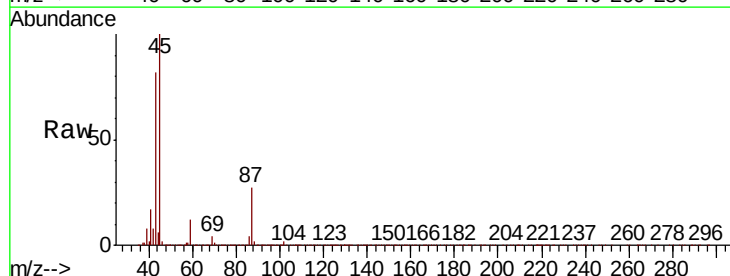
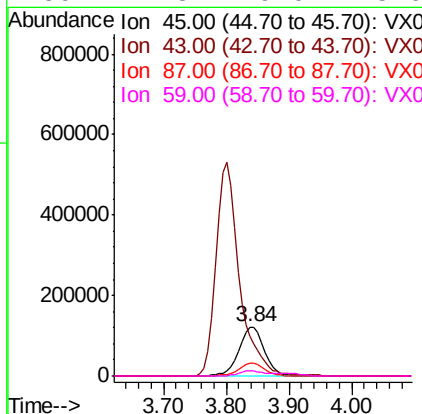
Ion Ratio Lower Upper

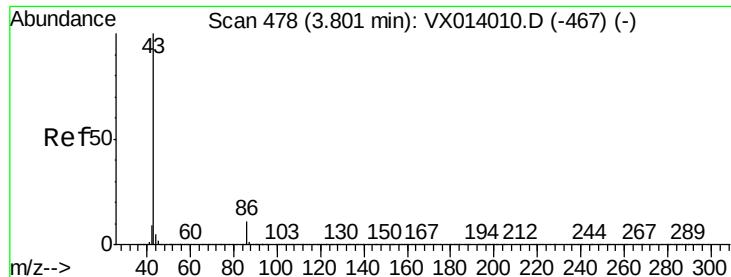
45 100

43 82.0 57.4 86.0

87 26.4 21.9 32.9

59 11.3 9.0 13.6





#23

Vinyl Acetate

Concen: 98.182 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS01

Tot Ion: 43 Resp: 1376601

Ion Ratio Lower Upper

43 100

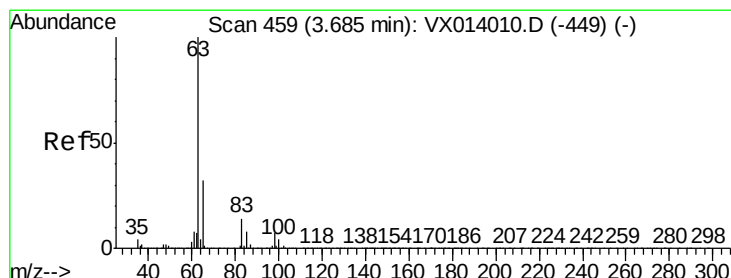
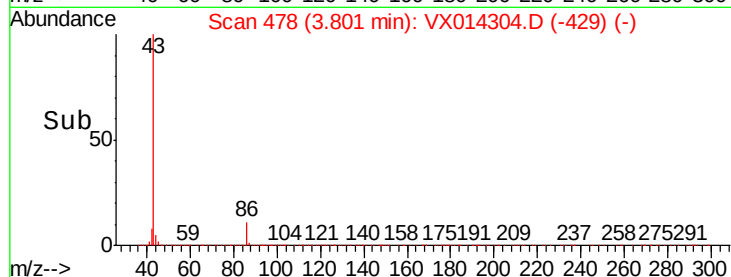
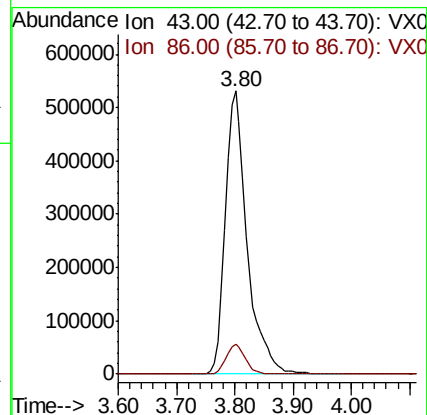
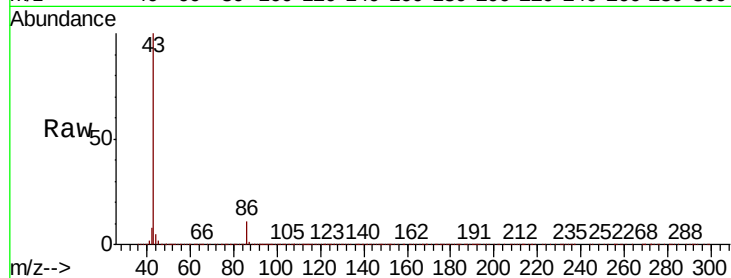
86 10.6 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 18.827 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

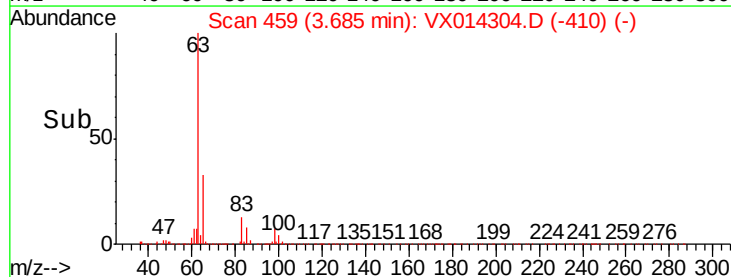
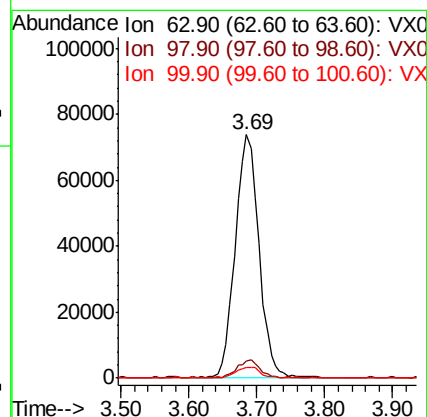
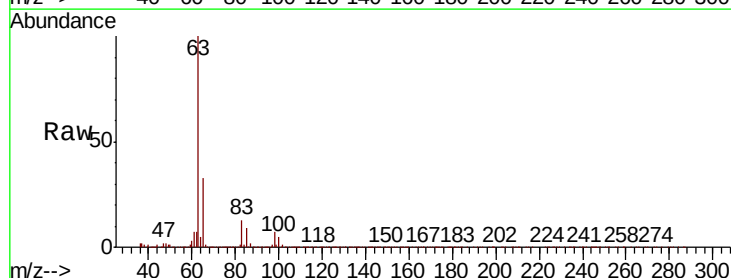
Tgt Ion: 63 Resp: 179965

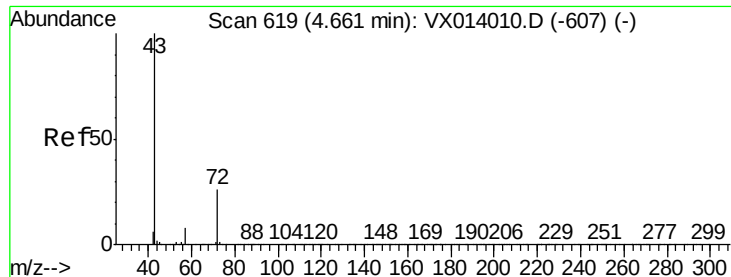
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 89.764 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS01

Tot Ion: 43 Resp: 408777

Ion Ratio Lower Upper

43 100

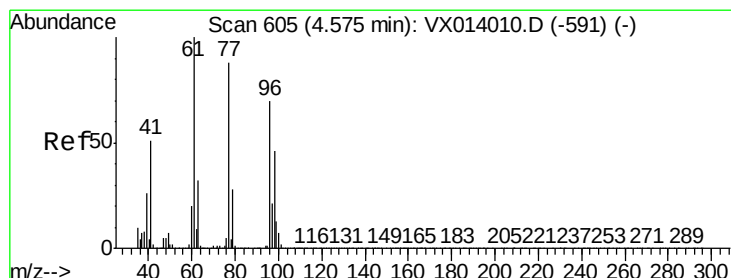
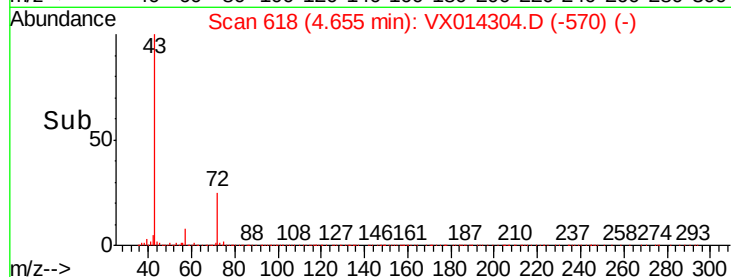
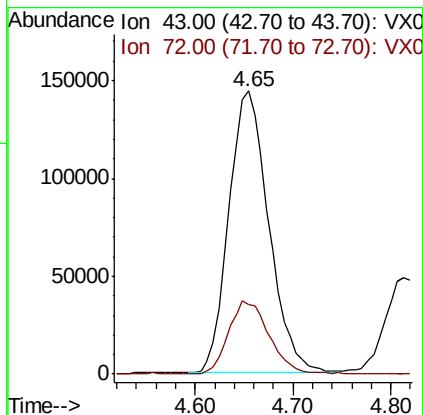
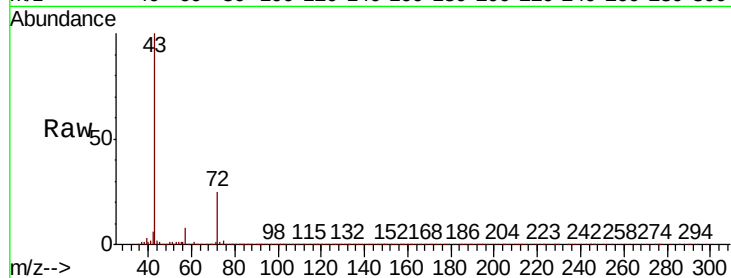
72 24.4 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 18.615 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX014304.D

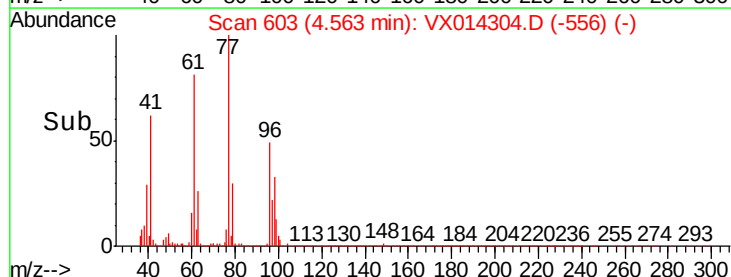
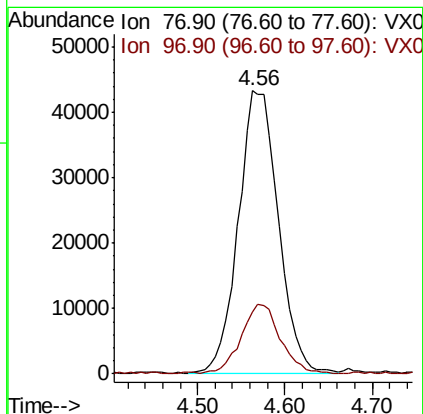
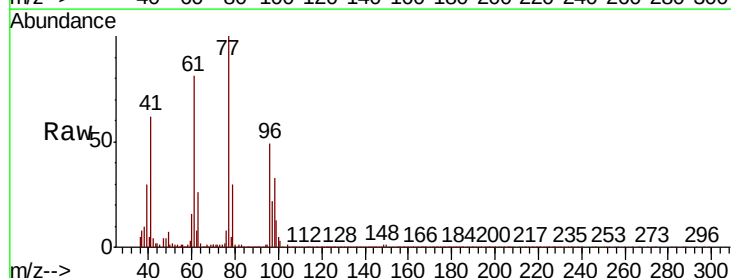
Acq: 27 Dec 2019 13:15

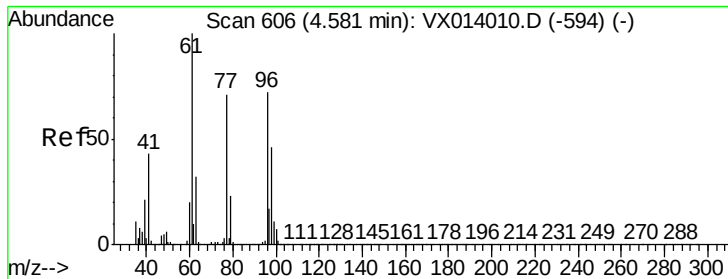
Tgt Ion: 77 Resp: 138158

Ion Ratio Lower Upper

77 100

97 23.0 11.9 35.9





#27

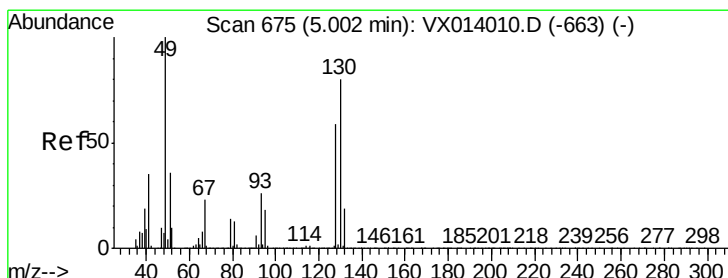
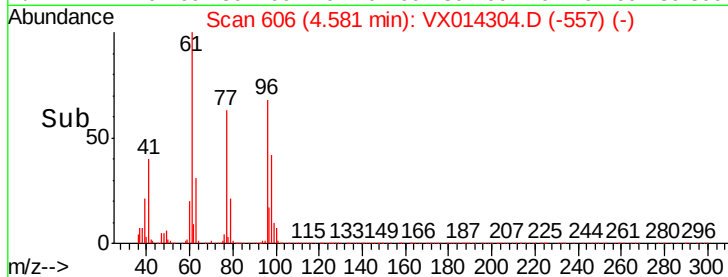
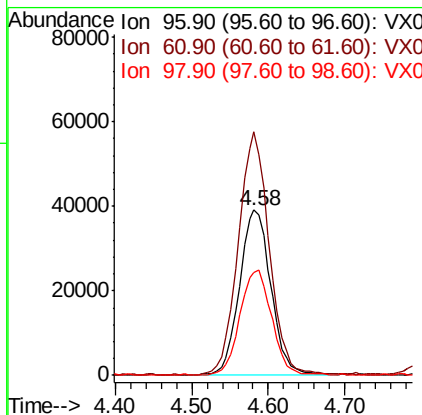
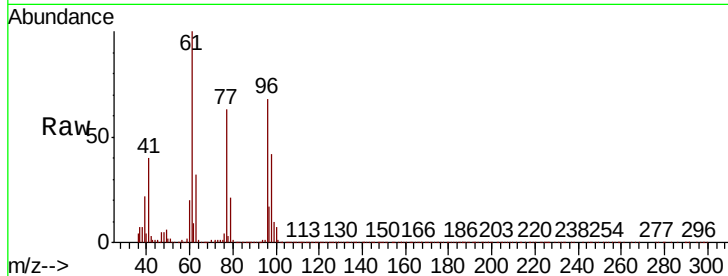
cis-1,2-Dichloroethene
Concen: 18.436 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	110920		
61	145.6	0.0	288.4	
98	63.9	0.0	129.6	

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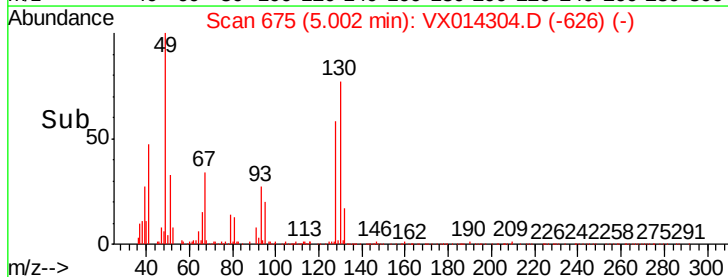
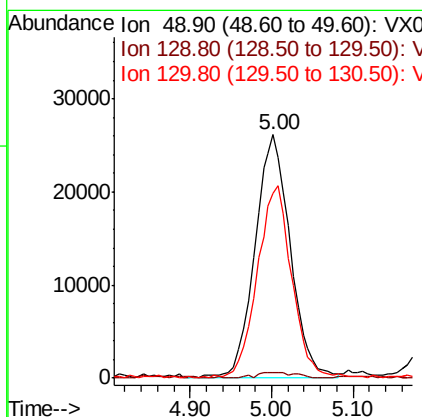
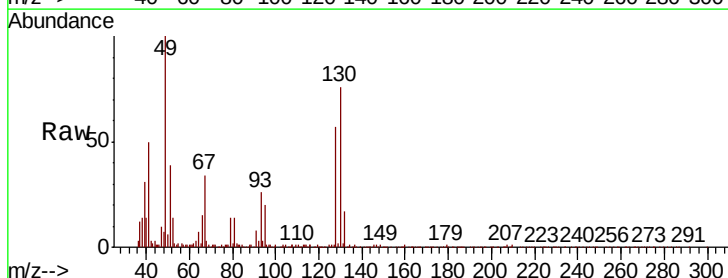
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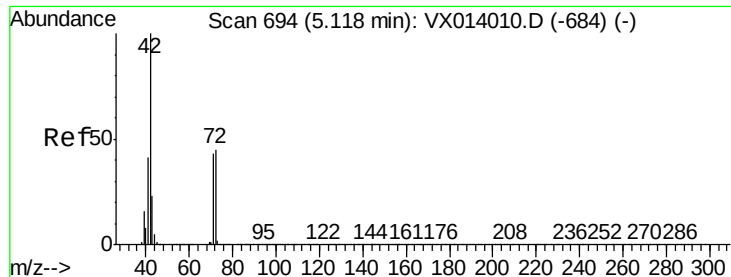


#28

Bromochloromethane
Concen: 21.739 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	78966		
129	2.7	0.0	5.0	
130	77.5	64.6	97.0	





#29

Tetrahydrofuran

Concen: 93.876 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

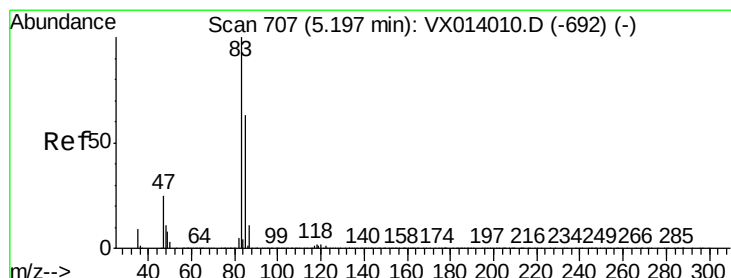
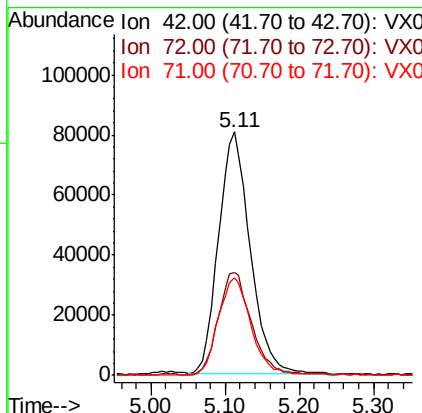
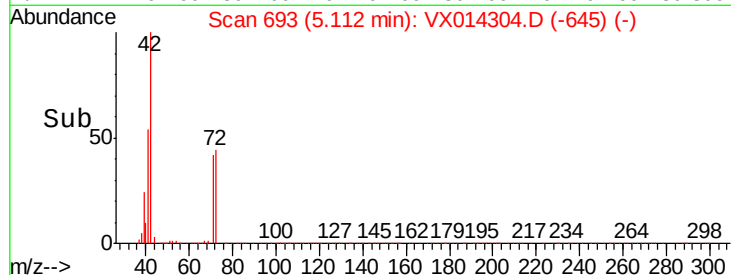
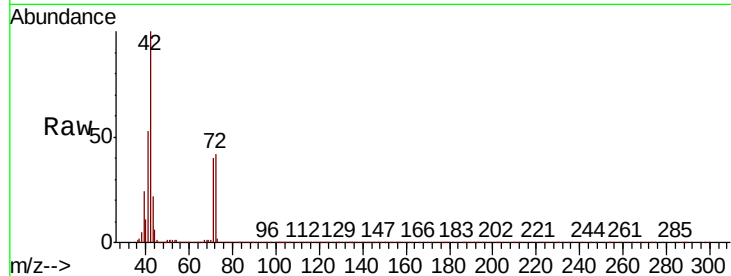
ClientSampleId :

VX1227WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	35.8	53.8
71	41.2	33.6	50.4

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#30

Chloroform

Concen: 18.986 ug/l

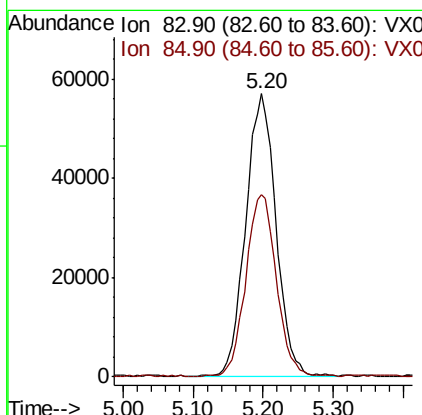
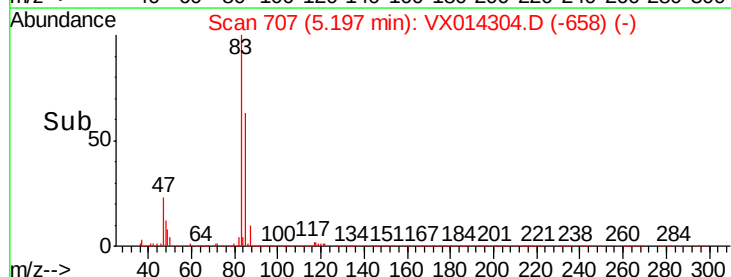
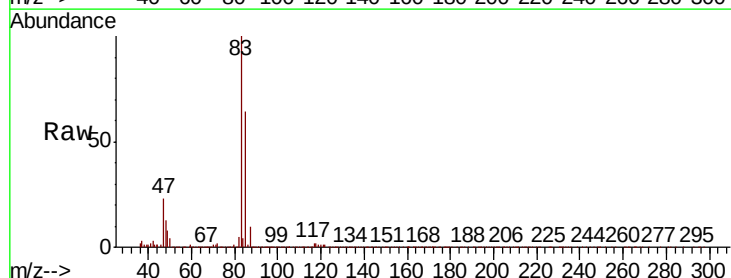
RT: 5.20 min Scan# 707

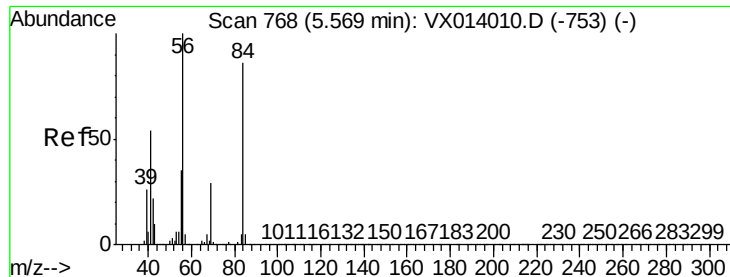
Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.8	76.2





#31

Cyclohexane

Concen: 18.124 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

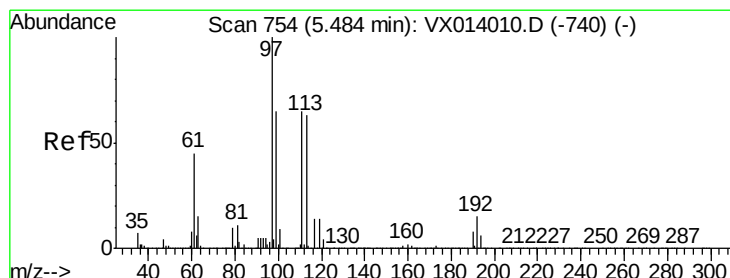
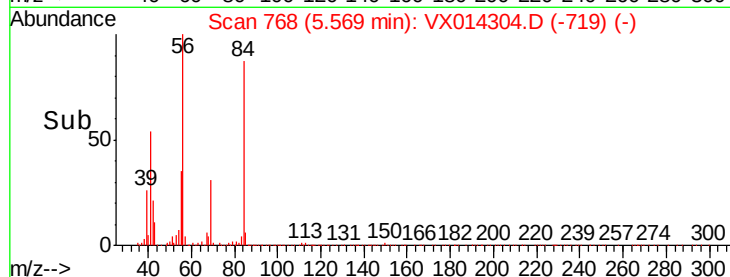
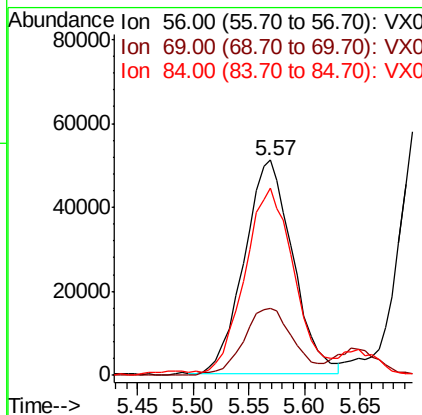
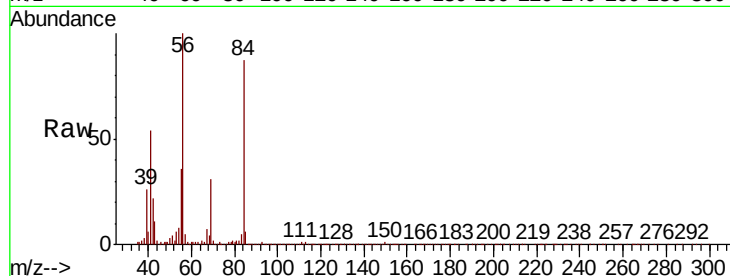
ClientSampleId :

VX1227WBS01

Tot Ion:	56	Resp:	154089
Ion Ratio		Lower	Upper
56	100		
69	31.2	23.2	34.8
84	86.4	69.2	103.8

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#32

1,1,1-Trichloroethane

Concen: 18.020 ug/l

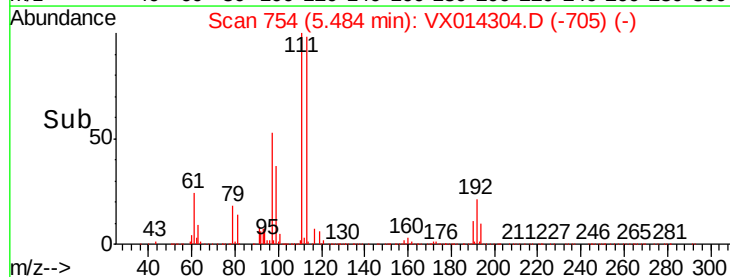
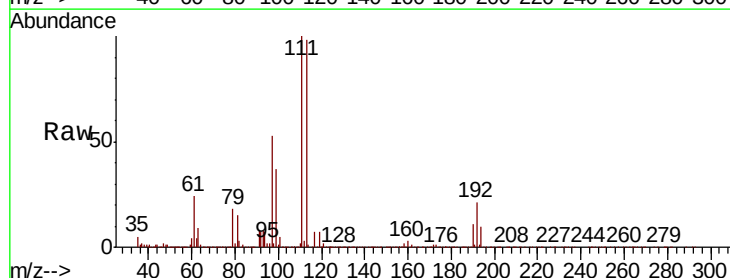
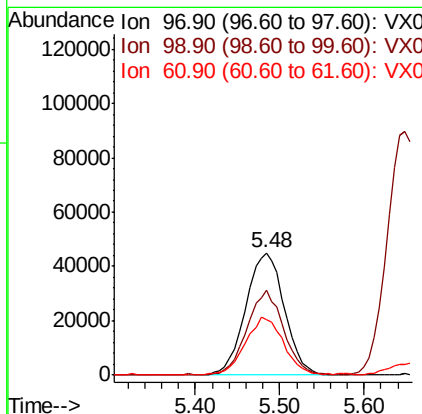
RT: 5.48 min Scan# 754

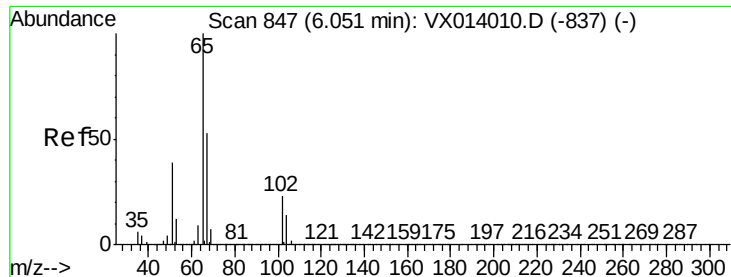
Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Tgt Ion:	97	Resp:	139166
Ion Ratio		Lower	Upper
97	100		
99	65.1	52.0	78.0
61	47.7	36.7	55.1





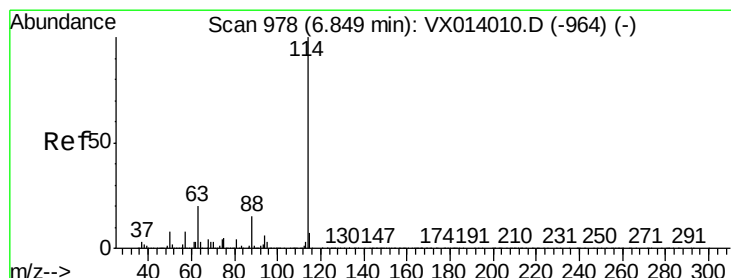
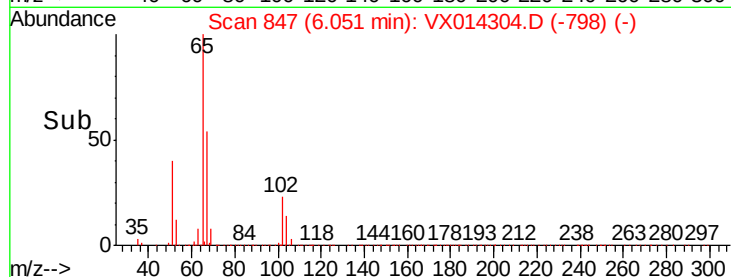
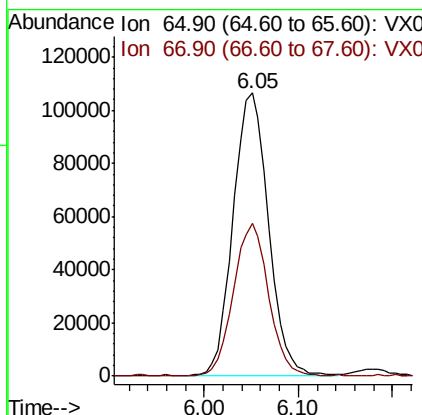
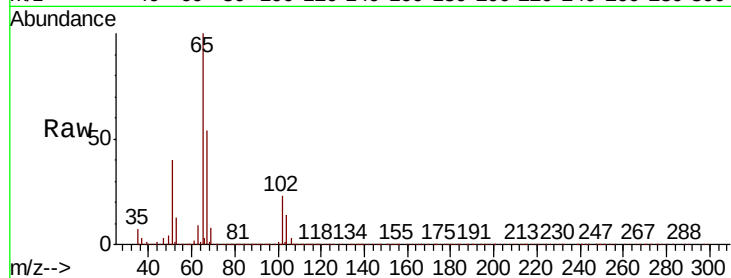
#33
 1,2-Dichloroethane-d4
 Concen: 49.071 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014304.D
 Acq: 27 Dec 2019 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	279188		
67	53.1	0.0	106.4	

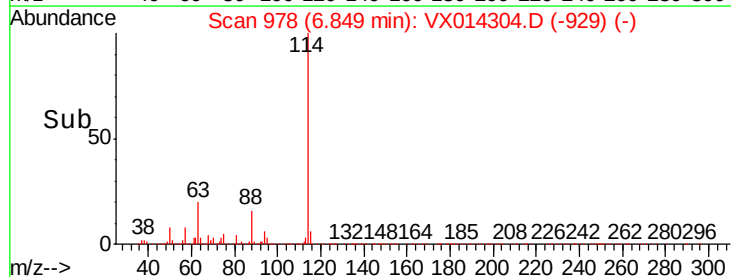
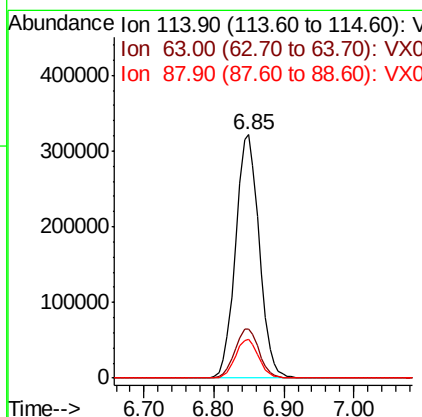
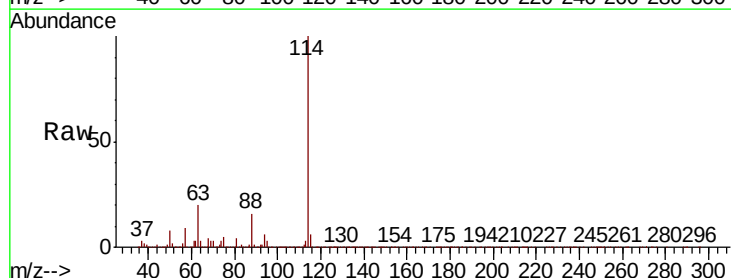
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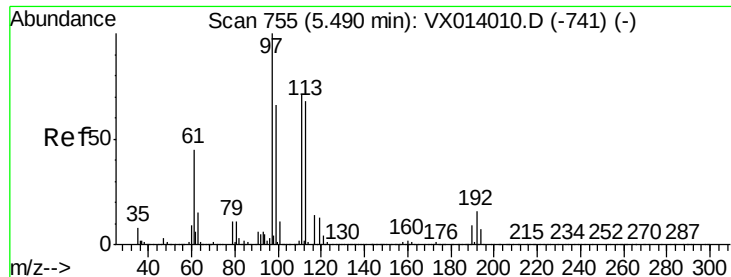
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014304.D
 Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	756236		
63	20.2	0.0	40.8	
88	16.1	0.0	30.4	





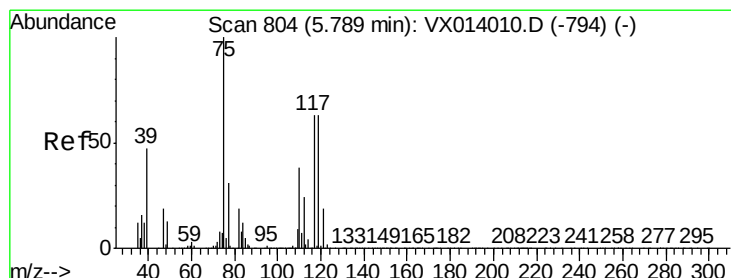
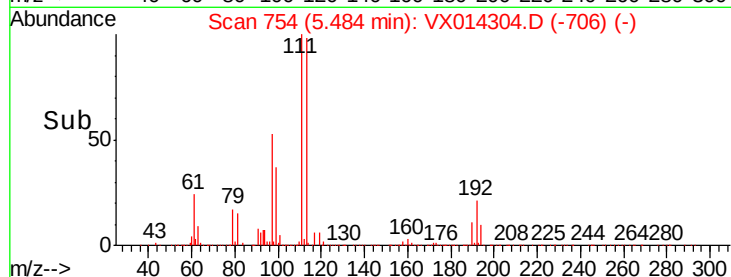
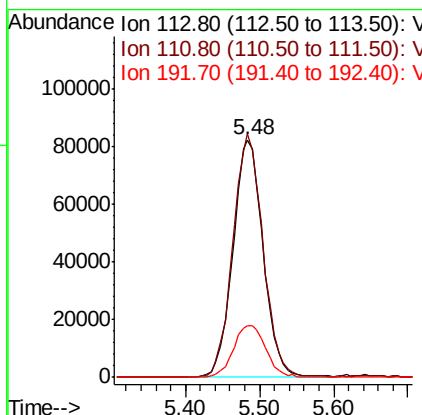
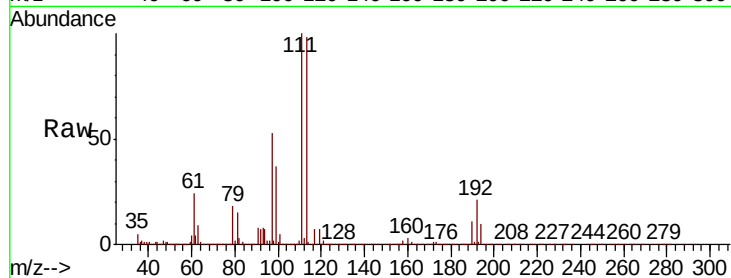
#35
Dibromofluoromethane
Concen: 50.665 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	232910		
111	102.8	82.0	123.0	
192	23.8	19.3	28.9	

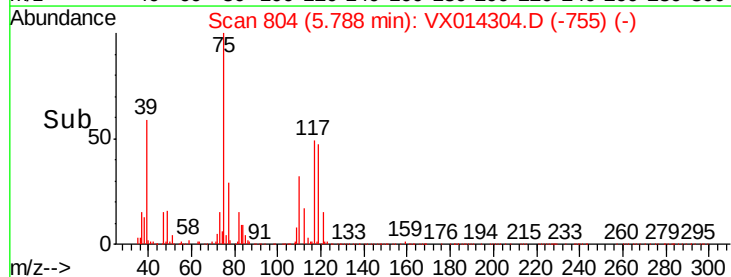
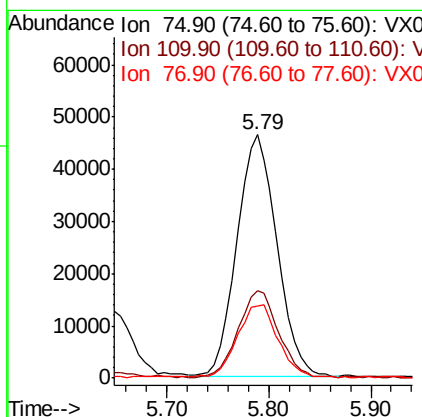
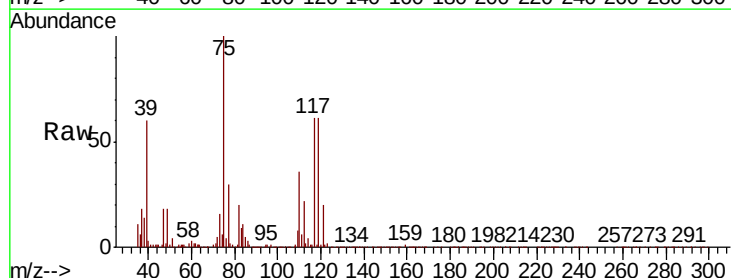
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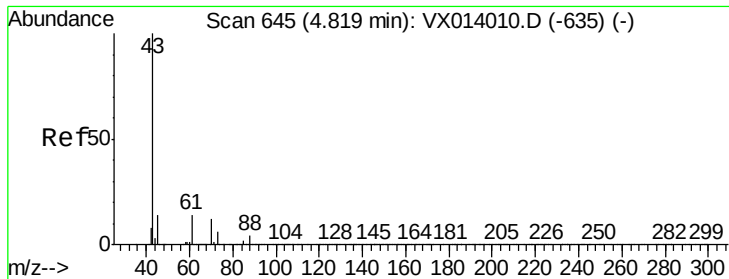
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#36
1,1-Dichloropropene
Concen: 18.107 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	125643		
110	36.3	18.3	54.9	
77	30.5	24.8	37.2	





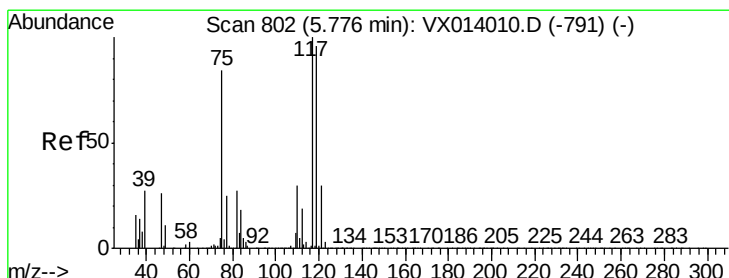
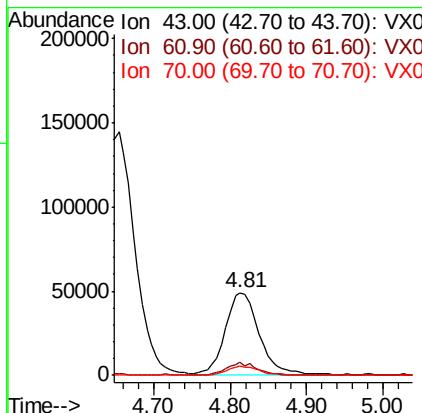
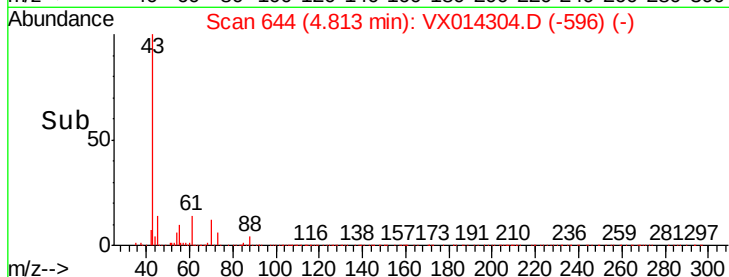
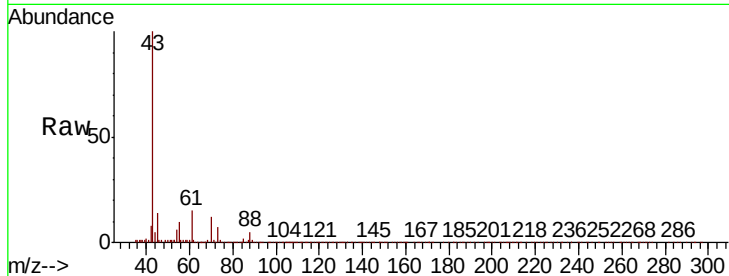
#37
Ethyl Acetate
Concen: 19.161 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

Tot Ion	43	Resp	146823
Ion Ratio	Lower	Upper	
43	100		
61	13.4	10.8	16.2
70	11.4	8.6	12.8

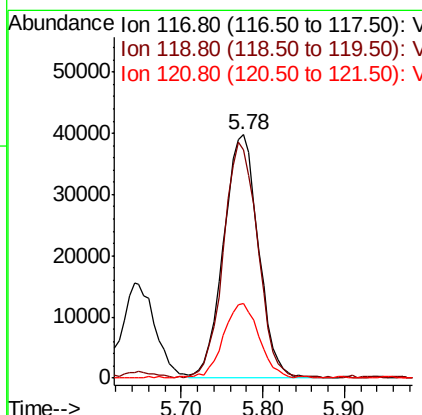
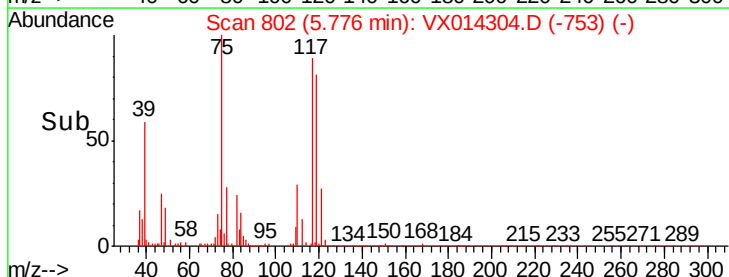
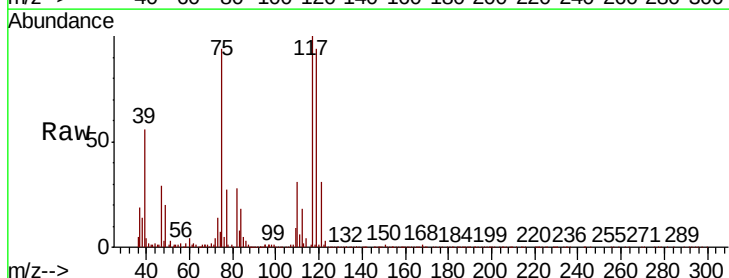
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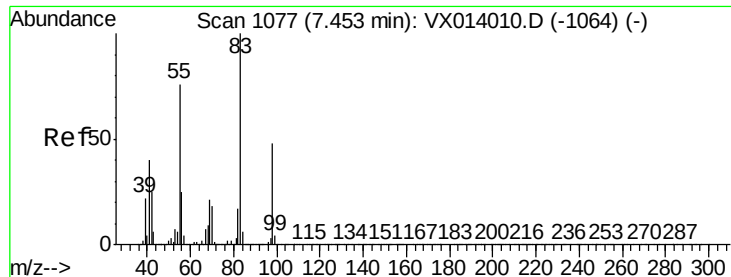
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#38
Carbon Tetrachloride
Concen: 18.518 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion	117	Resp	117060
Ion Ratio	Lower	Upper	
117	100		
119	94.1	76.2	114.4
121	30.3	23.6	35.4





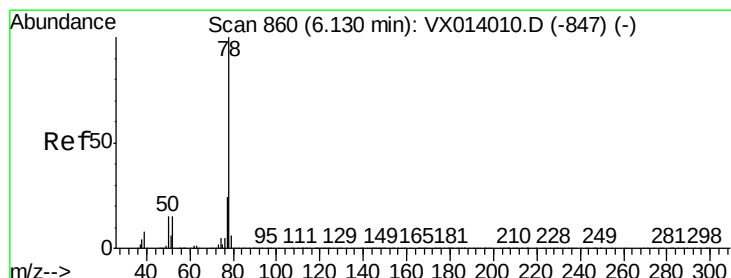
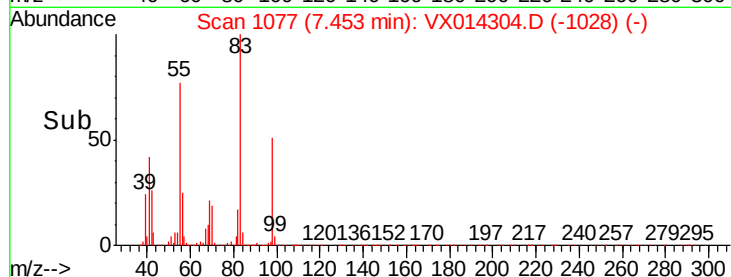
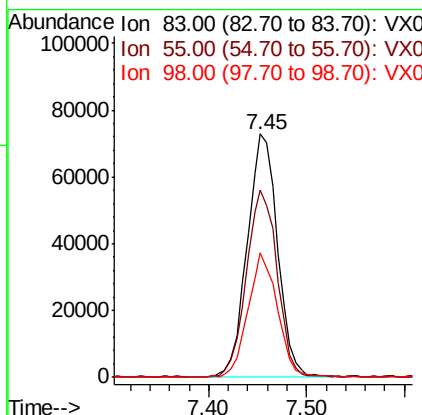
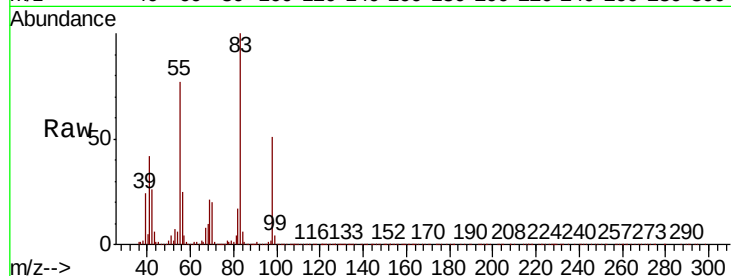
#39
Methylvlcyclohexane
Concen: 18.448 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	158060		
55	76.7		61.0	91.6
98	50.8		38.6	57.8

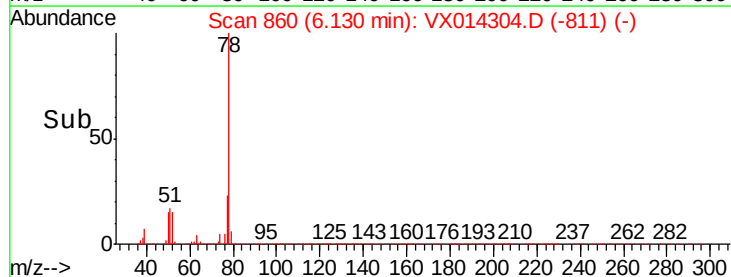
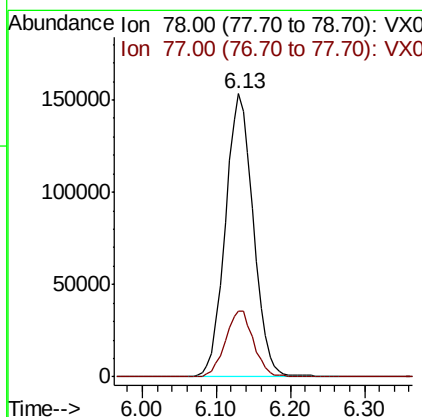
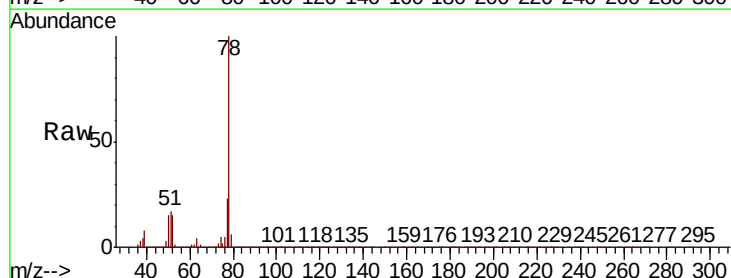
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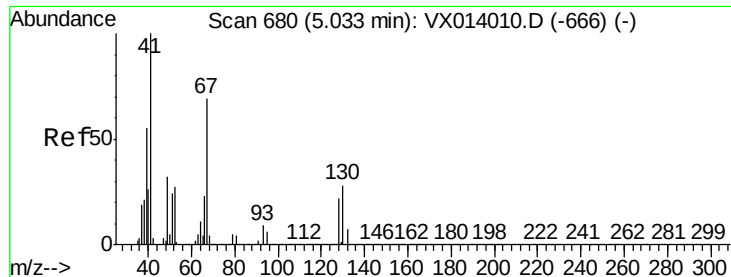
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#40
Benzene
Concen: 18.777 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	400895		
77	23.3		18.8	28.2





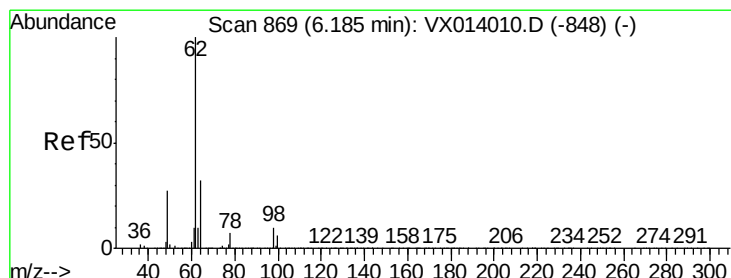
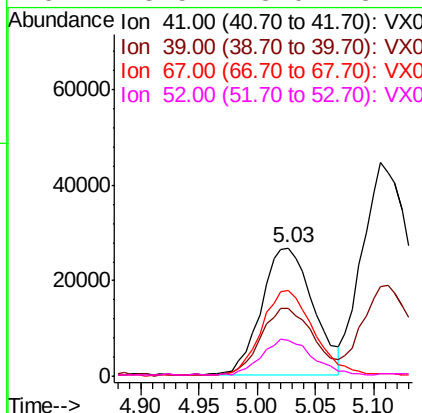
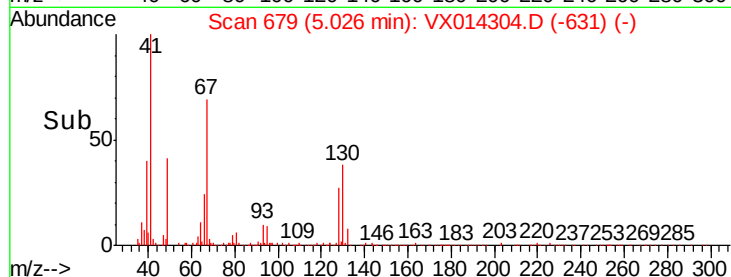
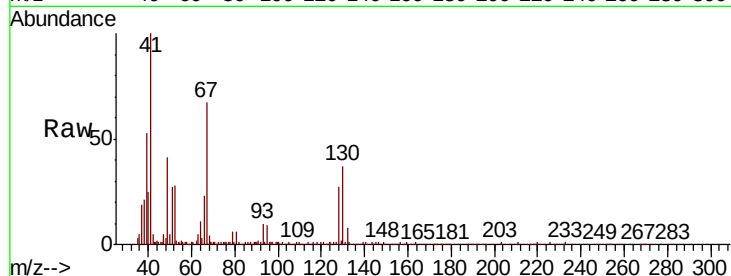
#41
Methacrylonitrile
Concen: 19.214 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.2	44.5	66.7
67	68.6	57.4	86.0
52	28.5	23.0	34.4

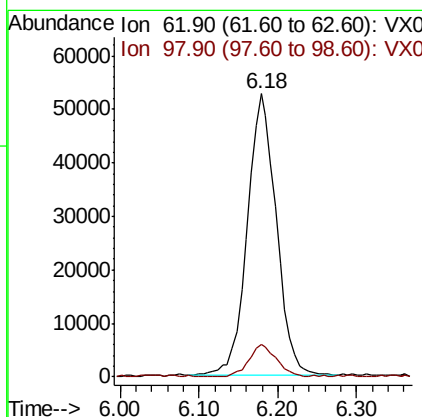
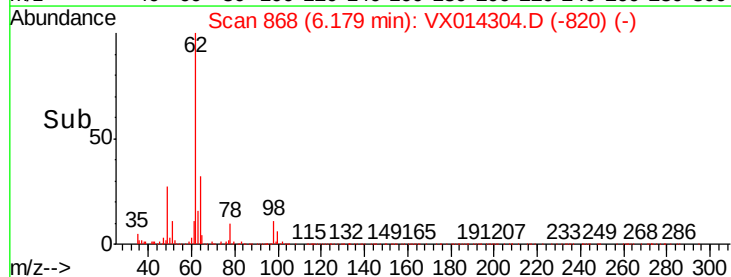
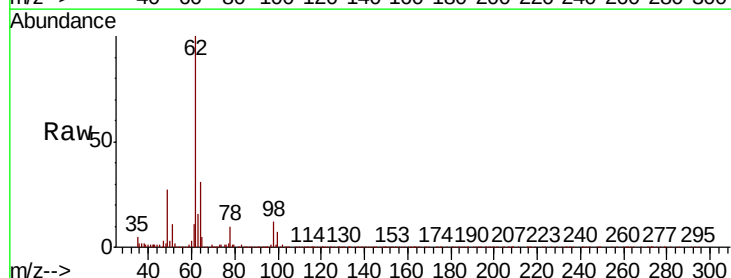
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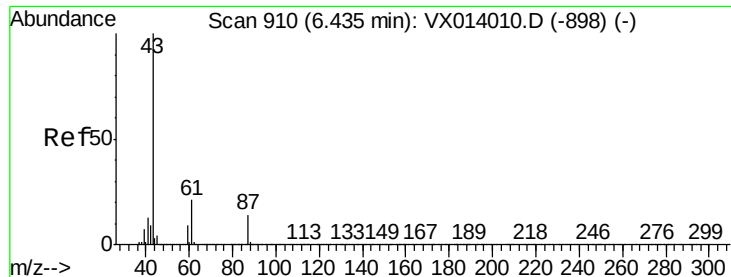
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#42
1,2-Dichloroethane
Concen: 18.680 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.0





#43

Isopropyl Acetate

Concen: 18.623 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

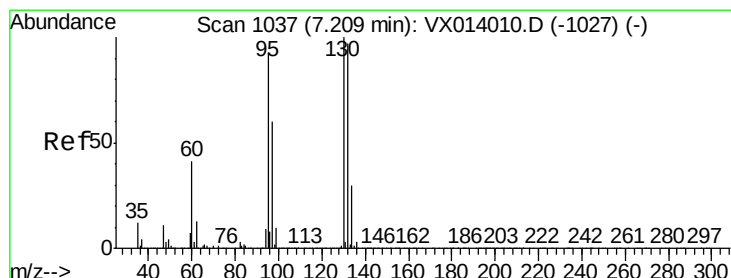
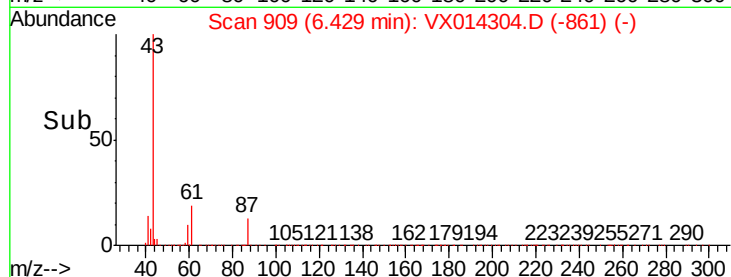
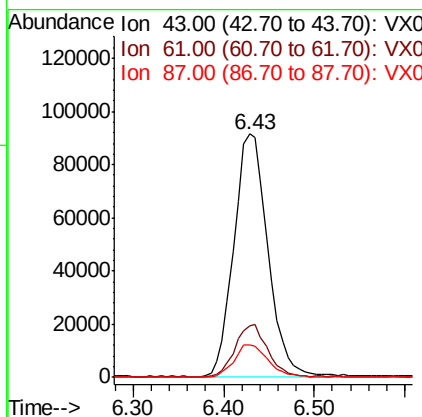
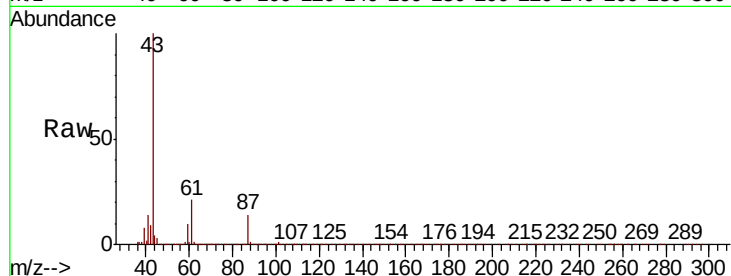
ClientSampleId :

VX1227WBS01

Tot Ion:	43	Resp:	236159
Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.4	24.6
87	13.1	10.7	16.1

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#44

Trichloroethene

Concen: 18.532 ug/l

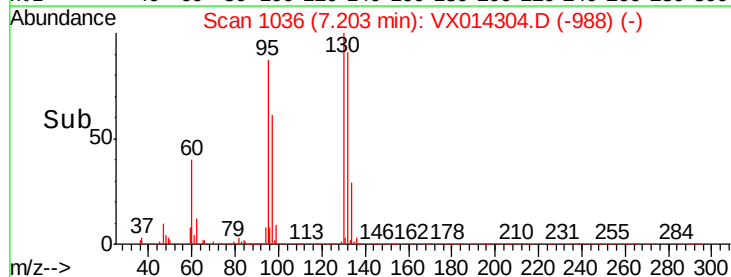
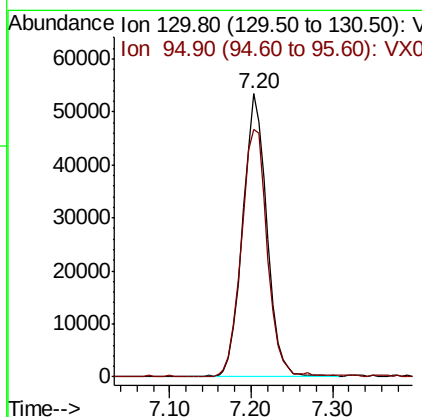
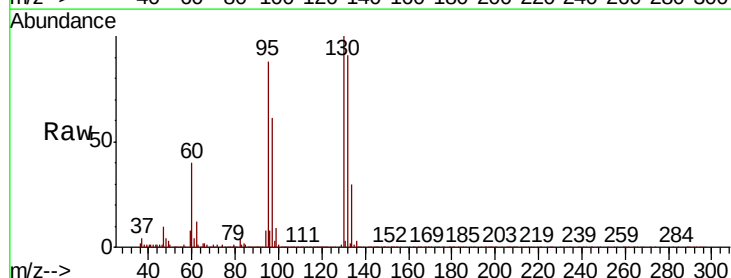
RT: 7.20 min Scan# 1036

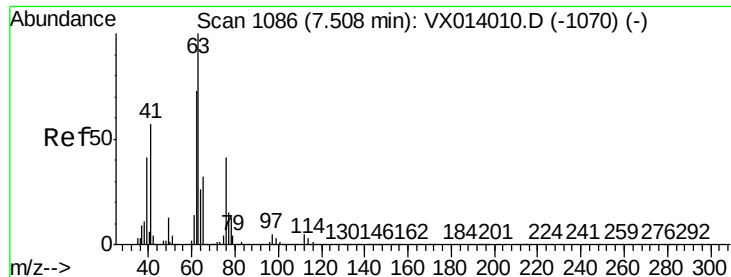
Delta R.T. -0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Tgt Ion:	130	Resp:	109283
Ion	Ratio	Lower	Upper
130	100		
95	87.4	0.0	185.6





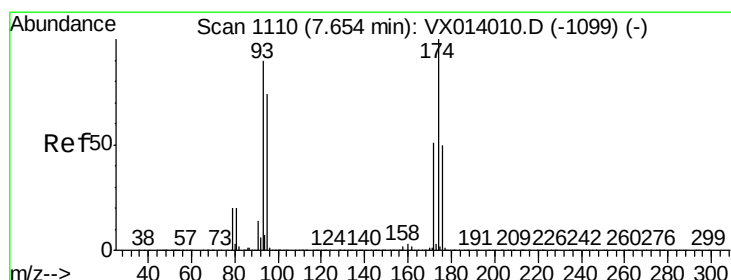
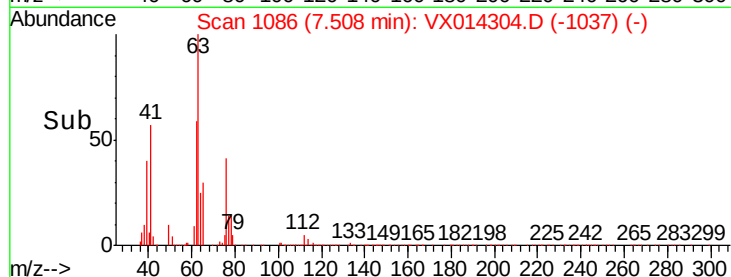
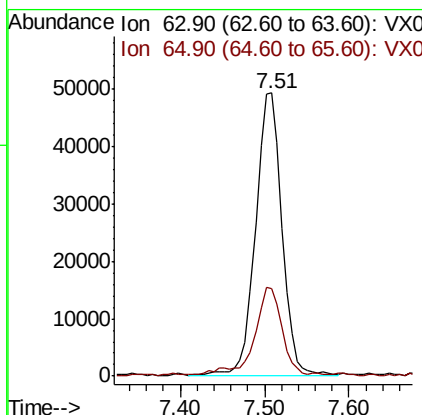
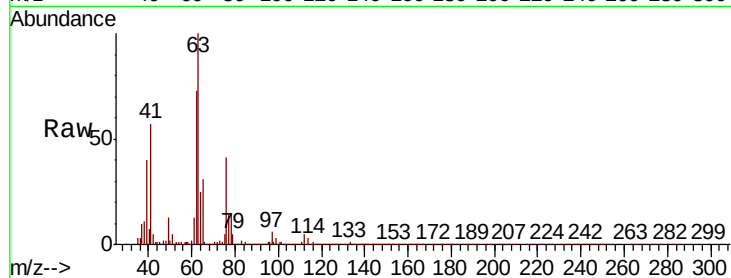
#45
 1,2-Dichloropropane
 Concen: 19.136 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX014304.D
 Acq: 27 Dec 2019 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	25.8	38.8

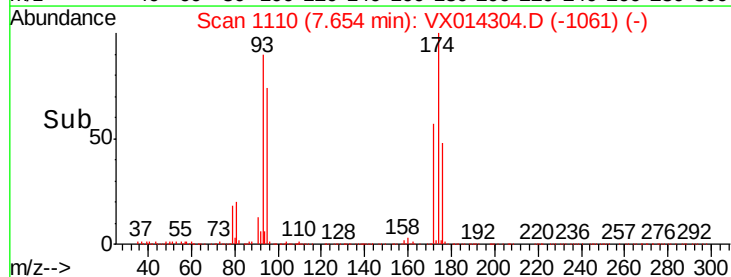
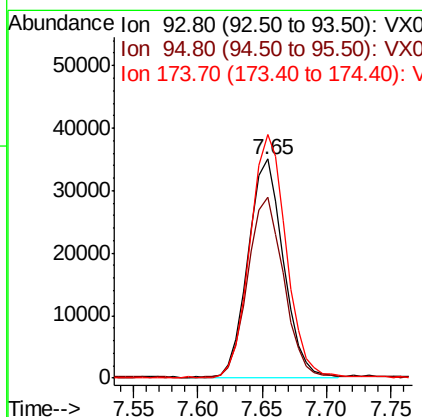
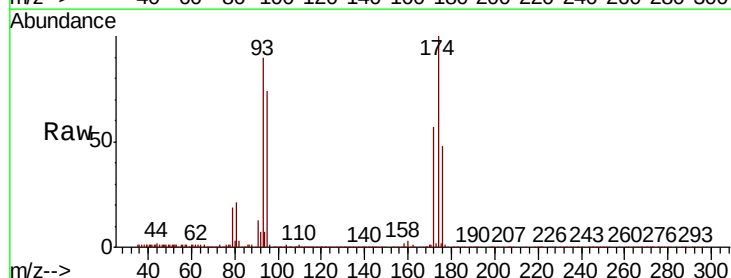
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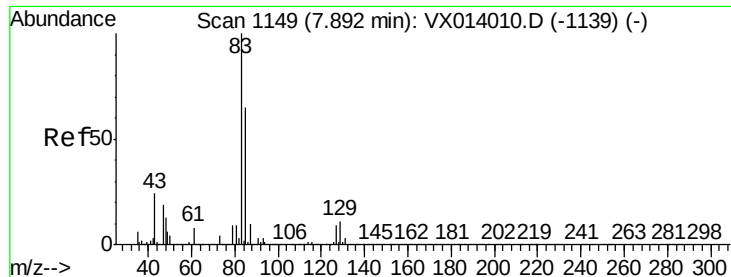
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#46
 Dibromomethane
 Concen: 18.368 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014304.D
 Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	67.3	100.9
174	113.5	91.6	137.4





#47

Bromodichloromethane

Concen: 18.503 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

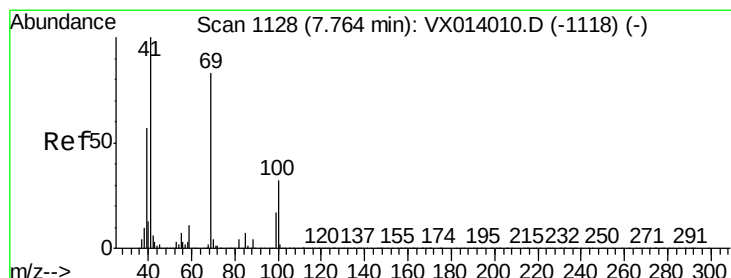
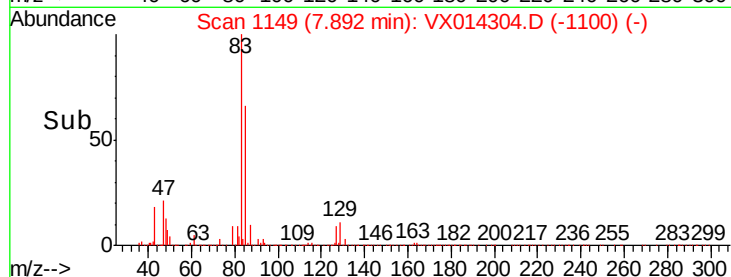
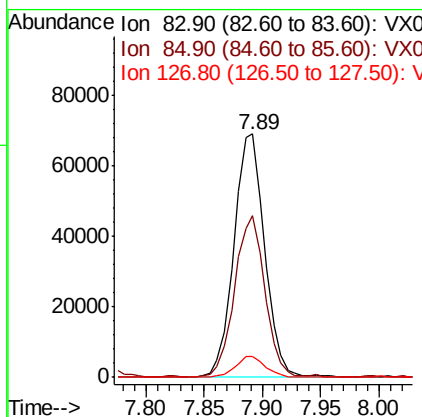
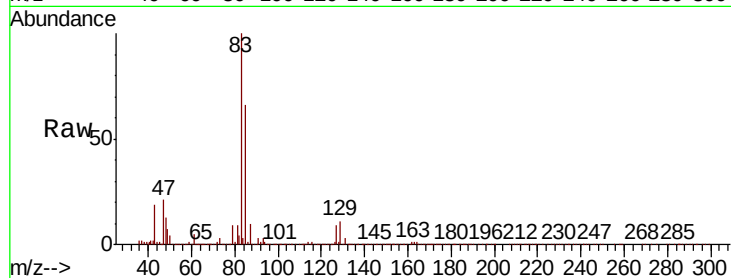
ClientSampleId :

VX1227WBS01

Tot Ion:	83	Resp:	126077
Ion Ratio	Lower	Upper	
83	100		
85	66.1	51.8	77.8
127	8.7	7.0	10.4

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#48

Methyl methacrylate

Concen: 18.419 ug/l

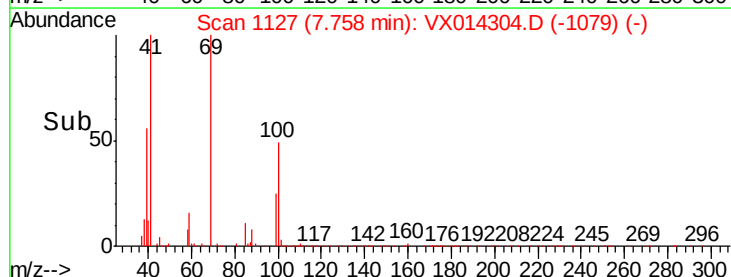
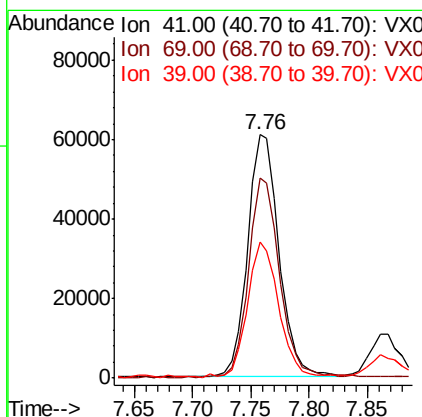
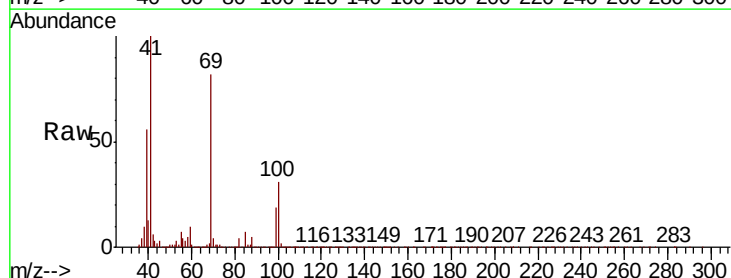
RT: 7.76 min Scan# 1127

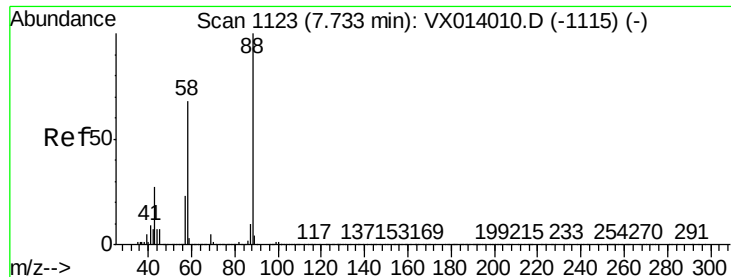
Delta R.T. -0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Tgt Ion:	41	Resp:	114374
Ion Ratio	Lower	Upper	
41	100		
69	82.8	65.8	98.6
39	57.1	44.6	67.0





#49

1,4-Dioxane

Concen: 337.258 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

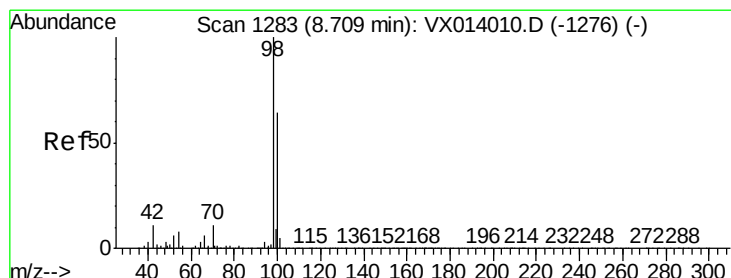
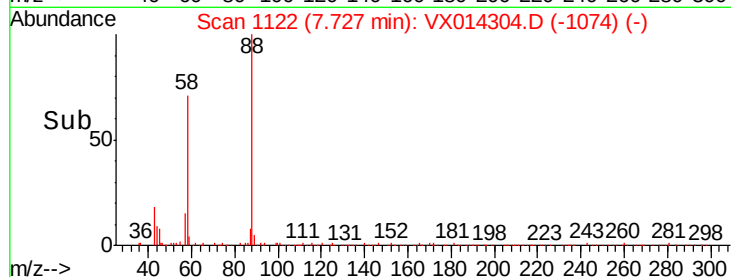
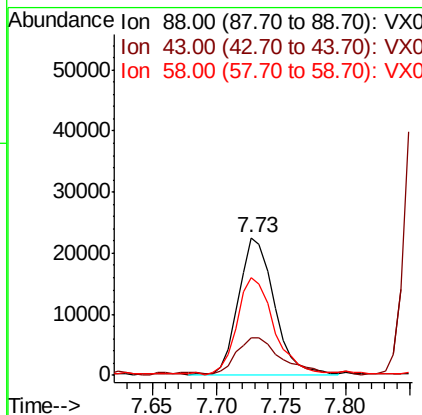
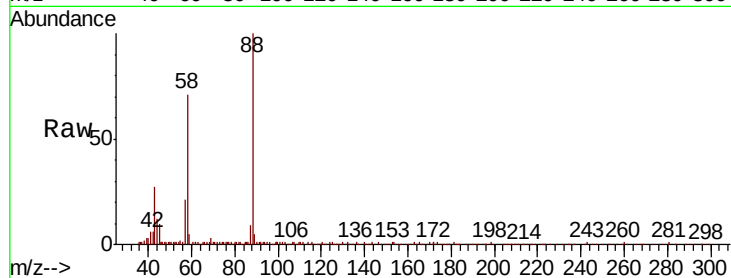
ClientSampleId :

VX1227WBS01

Tot Ion:	88	Resp:	42618
Ion Ratio	Lower	Upper	
88	100		
43	37.4	26.5	39.7
58	73.6	56.8	85.2

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#50

Toluene-d8

Concen: 50.035 ug/l

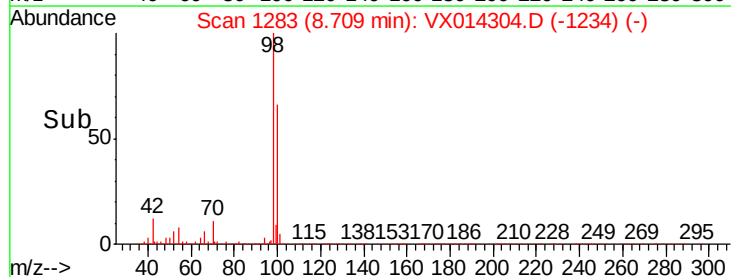
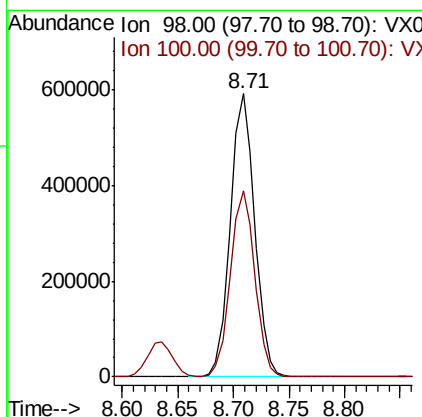
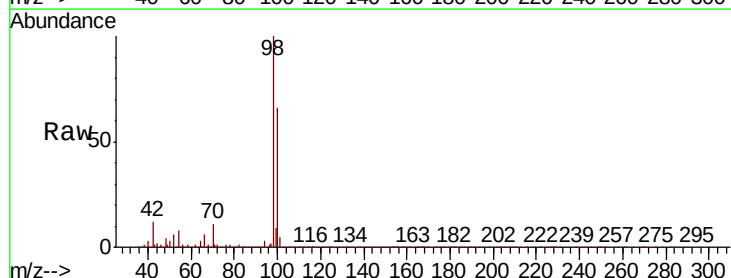
RT: 8.71 min Scan# 1283

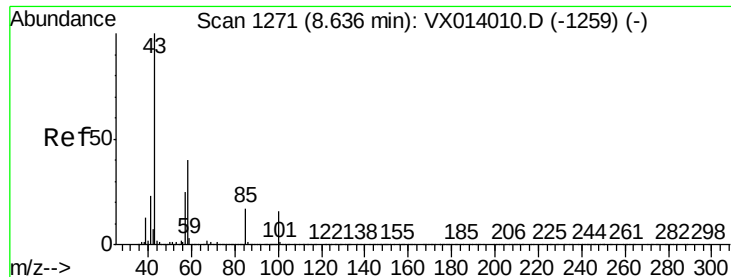
Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Tgt Ion:	98	Resp:	895499
Ion Ratio	Lower	Upper	
98	100		
100	66.0	52.9	79.3





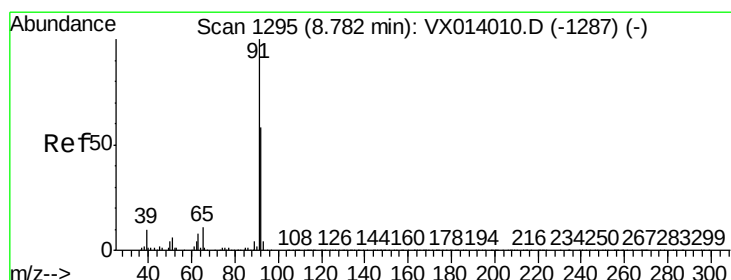
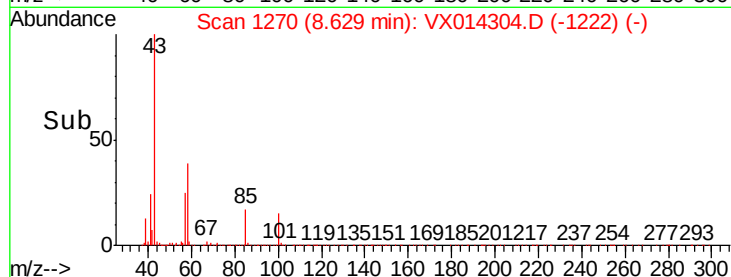
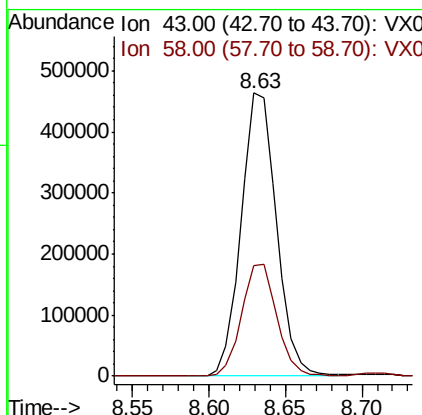
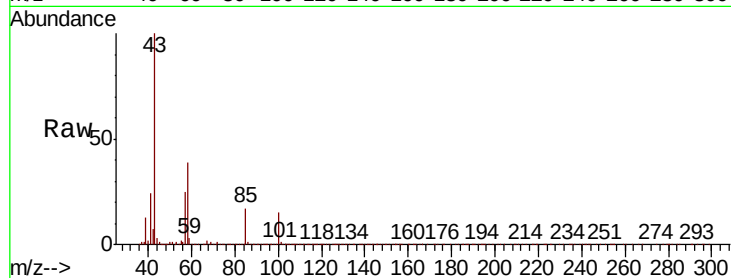
#51
4-Methyl-2-Pentanone
Concen: 93.339 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.4	32.2	48.2

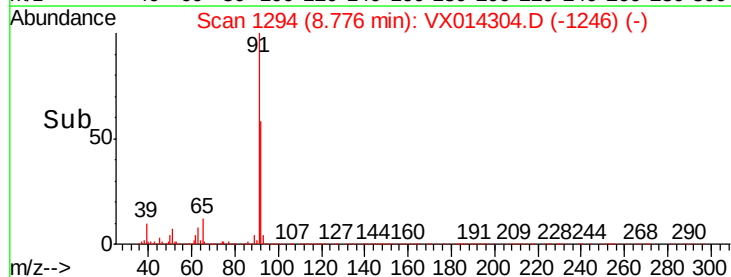
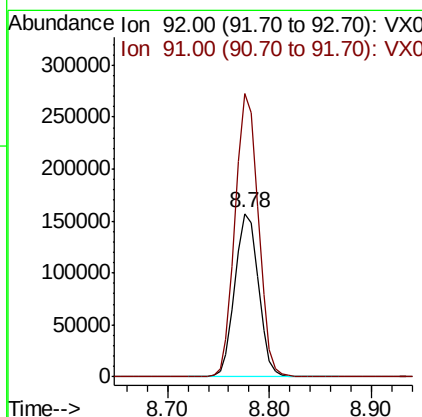
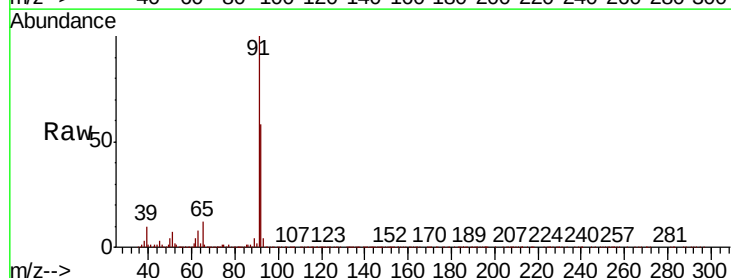
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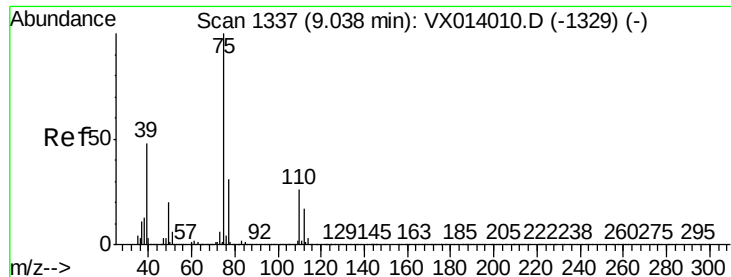
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#52
Toluene
Concen: 18.498 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.3	136.2	204.4





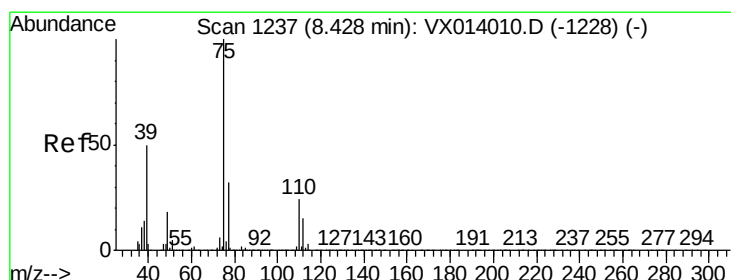
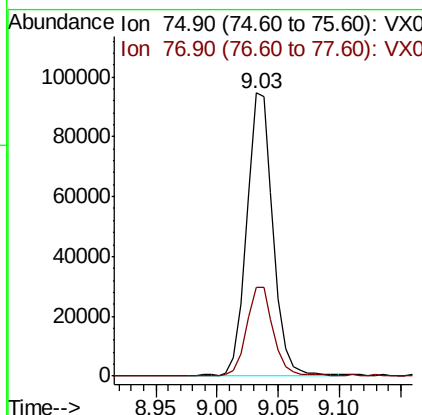
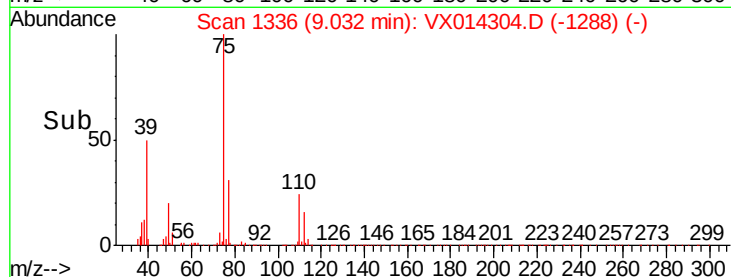
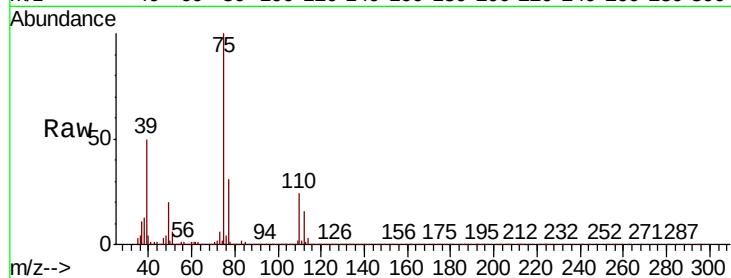
#53
t-1,3-Dichloropropene
Concen: 18.781 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.1	37.7

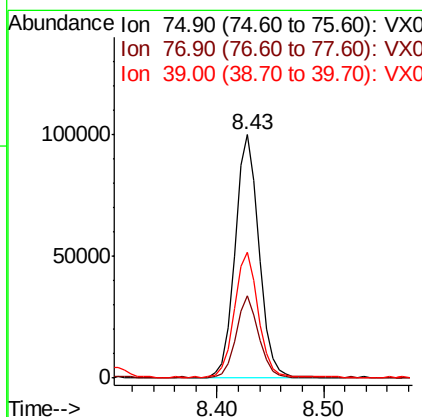
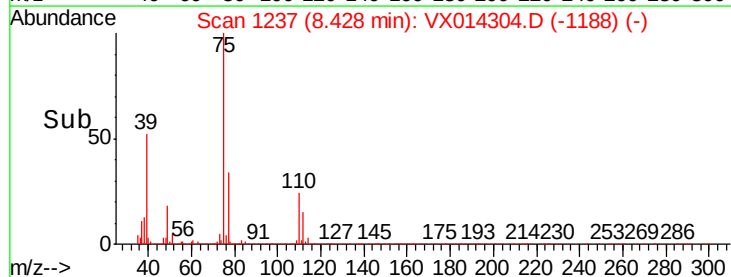
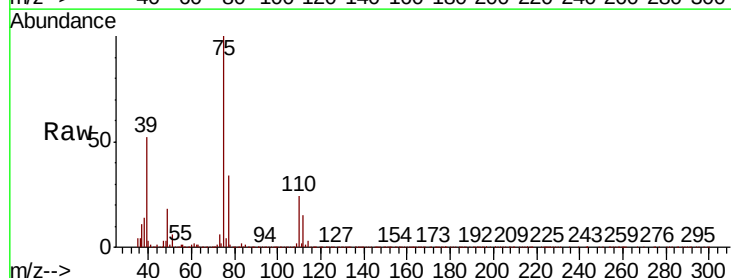
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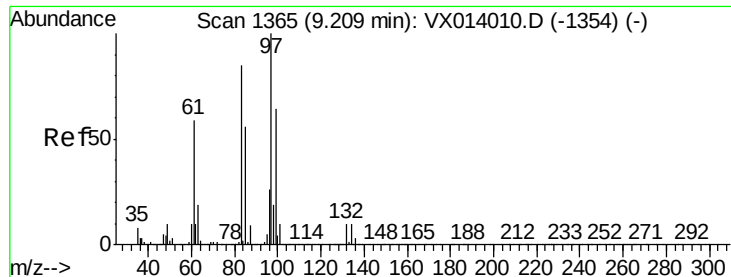
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#54
cis-1,3-Dichloropropene
Concen: 18.952 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.7	25.3	37.9
39	51.4	39.9	59.9





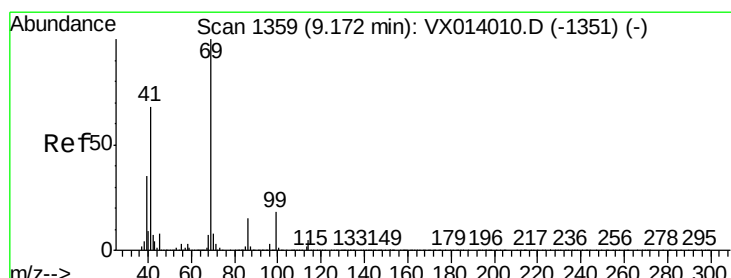
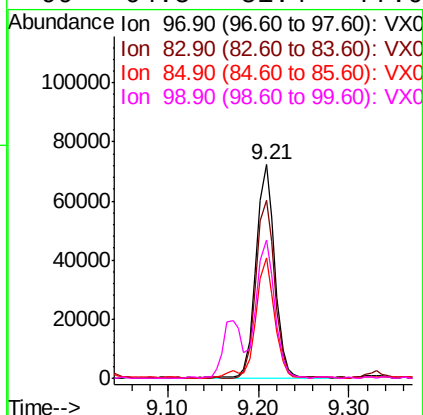
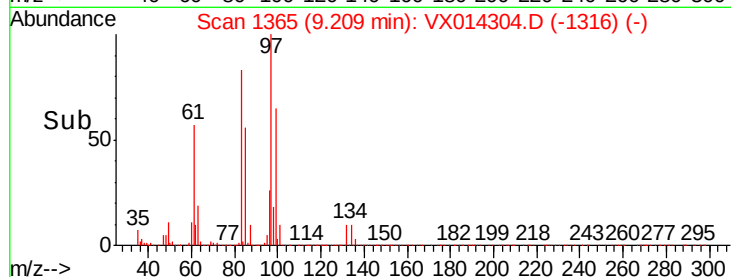
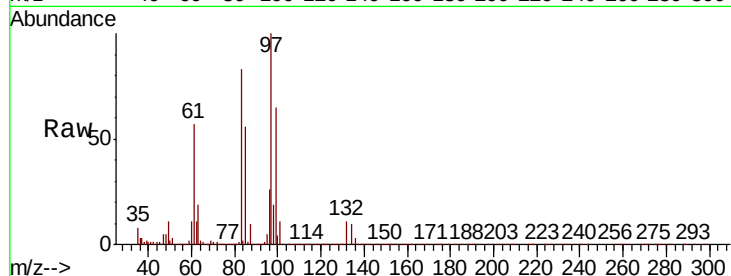
#55
1,1,2-Trichloroethane
Concen: 19.104 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		103324		
83	83.1	68.2	102.4		
85	56.1	44.6	66.8		
99	64.5	51.4	77.0		

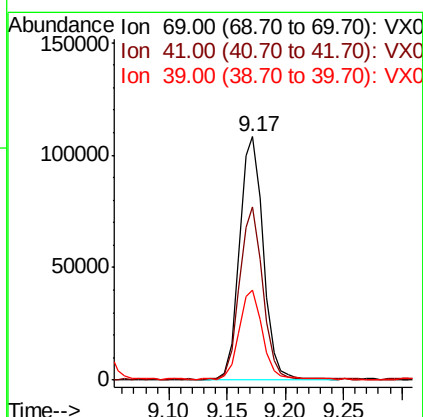
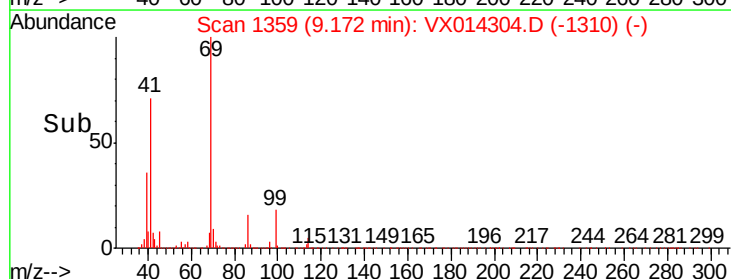
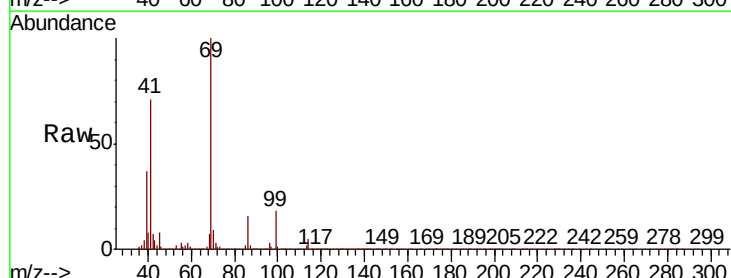
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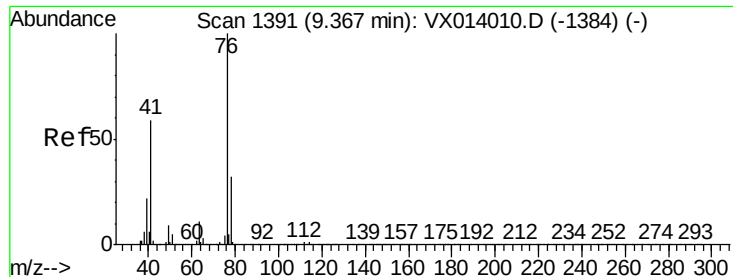
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#56
Ethyl methacrylate
Concen: 18.280 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		155302		
41	69.5	54.8	82.2		
39	36.1	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 18.951 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS01

Tot Ion: 76 Resp: 172450

Ion Ratio Lower Upper

76 100

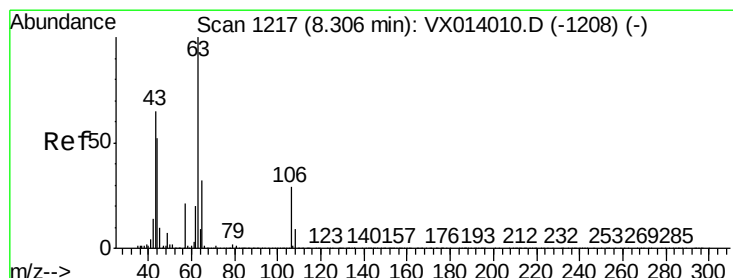
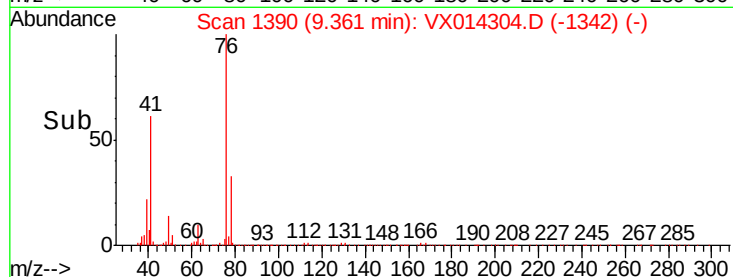
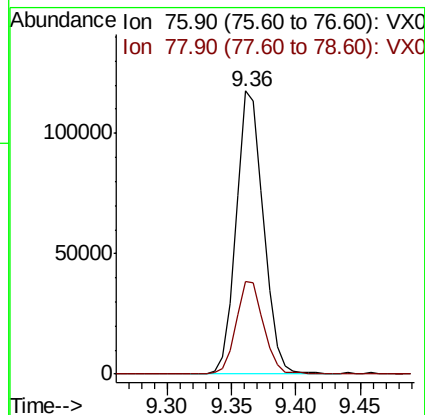
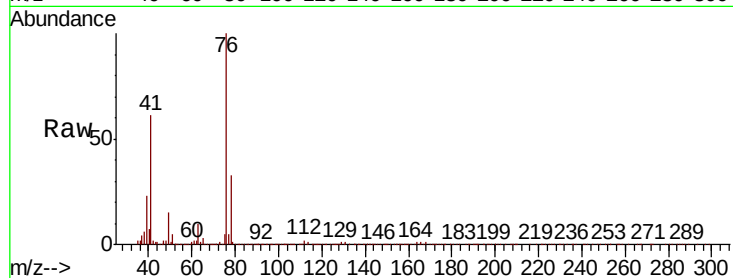
78 33.1 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 101.761 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014304.D

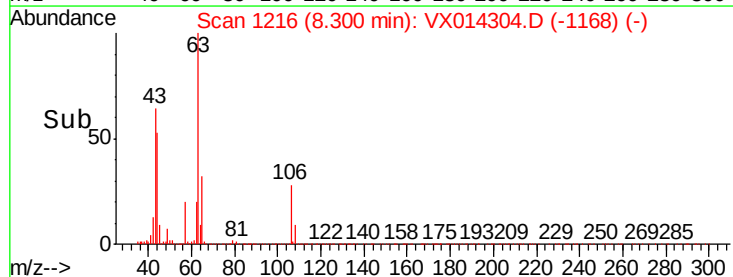
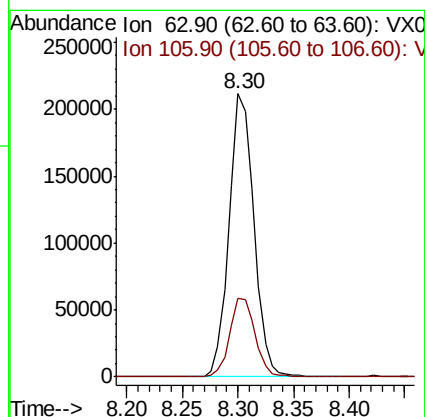
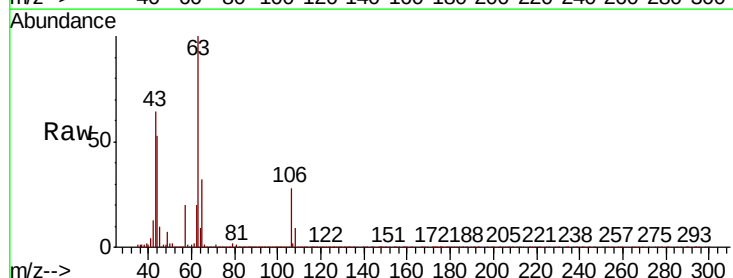
Acq: 27 Dec 2019 13:15

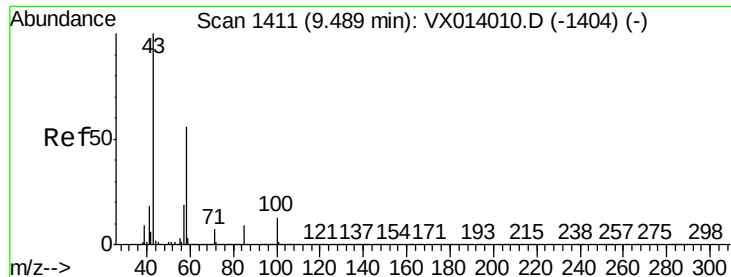
Tgt Ion: 63 Resp: 327178

Ion Ratio Lower Upper

63 100

106 28.1 23.0 34.6





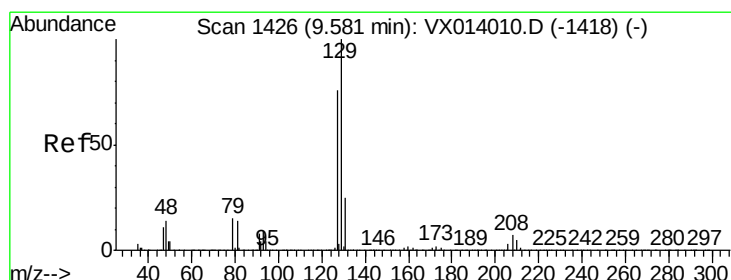
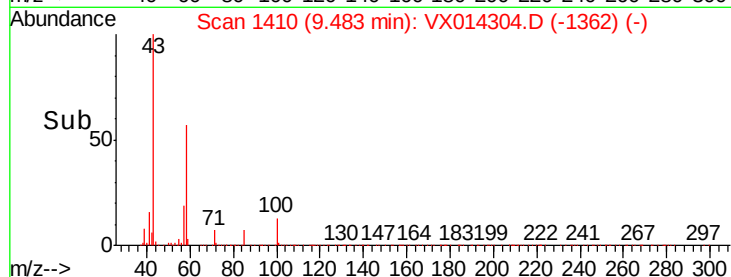
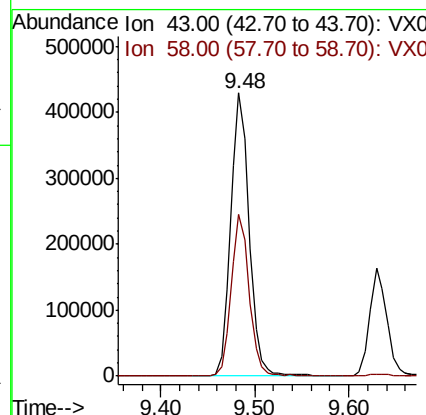
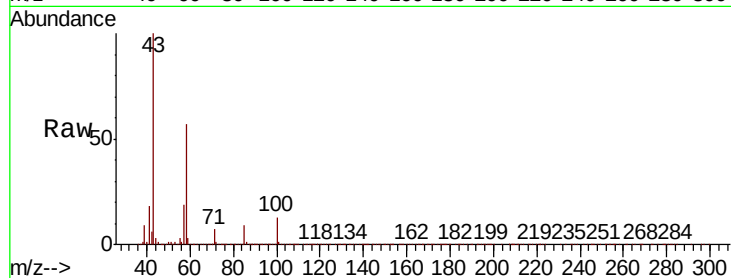
#59
2-Hexanone
Concen: 90.744 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

Tot Ion: 43 Resp: 581761
Ion Ratio Lower Upper
43 100
58 56.2 28.0 84.0

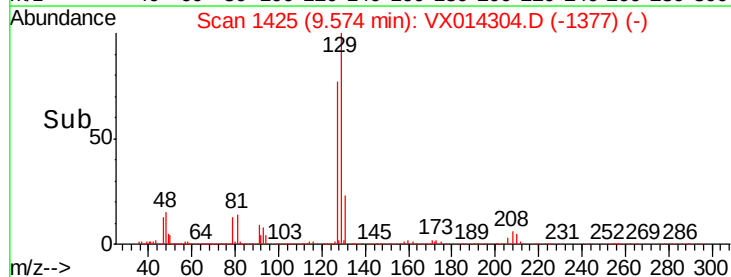
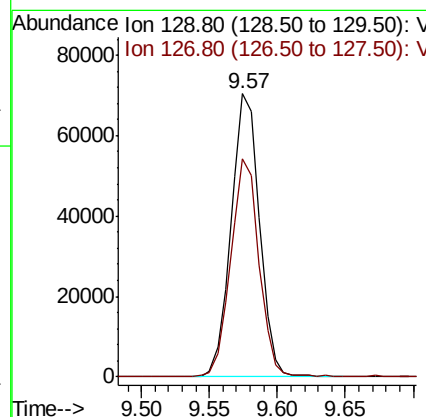
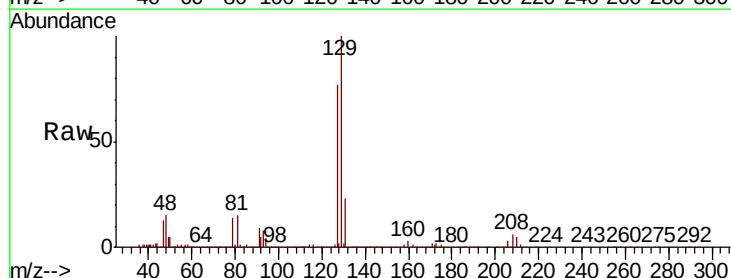
Manual Integrations
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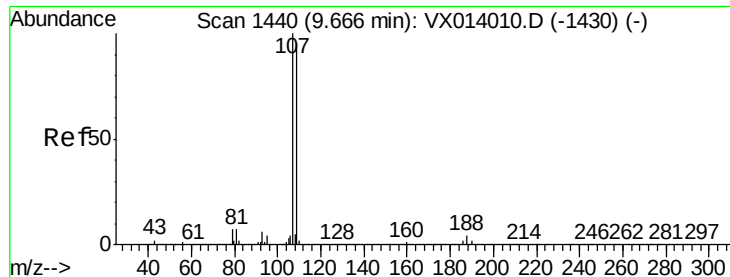
apatel
12/30/2019 11:04:11 AM



#60
Dibromochloromethane
Concen: 18.830 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion: 129 Resp: 101232
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.154 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS01

Tot Ion: 107 Resp: 105994

Ion Ratio Lower Upper

107 100

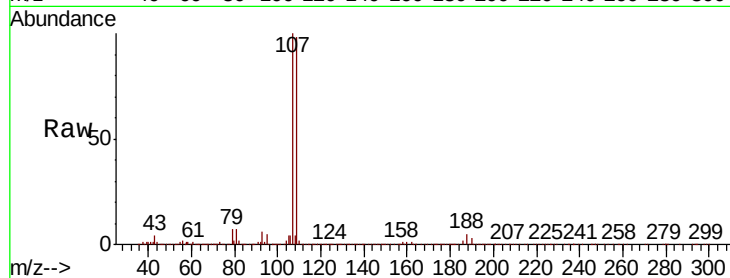
109 92.9 75.7 113.5

Manual Integrations

APPROVED

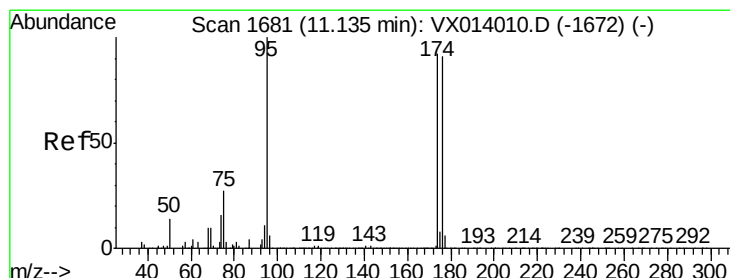
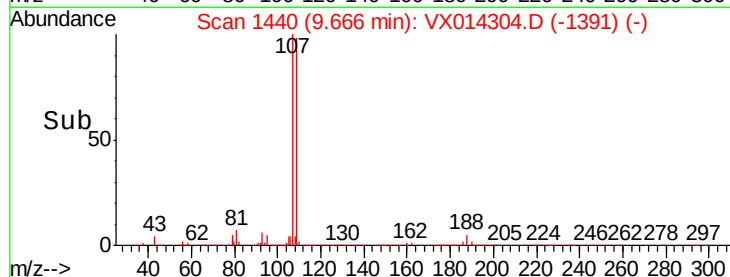
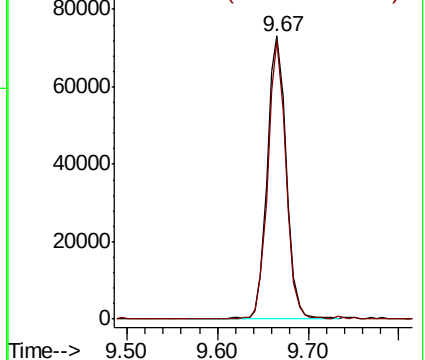
apatel

12/30/2019 11:04:11 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.441 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

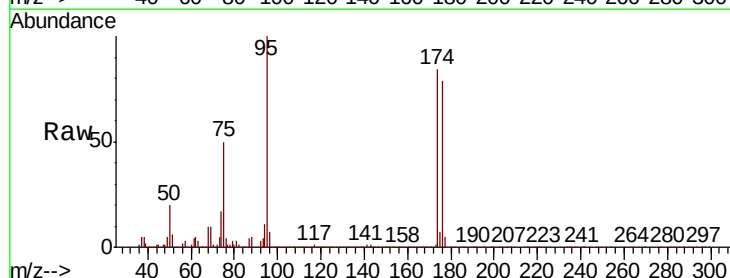
Tgt Ion: 95 Resp: 316921

Ion Ratio Lower Upper

95 100

174 88.0 0.0 175.8

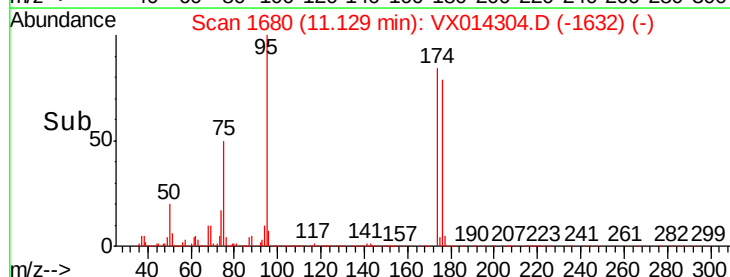
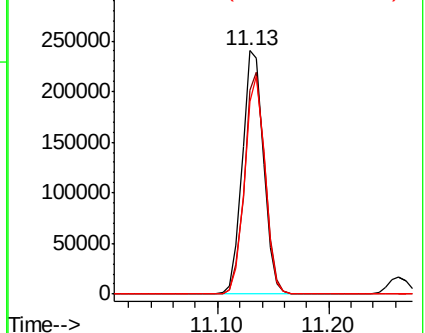
176 85.9 0.0 173.0

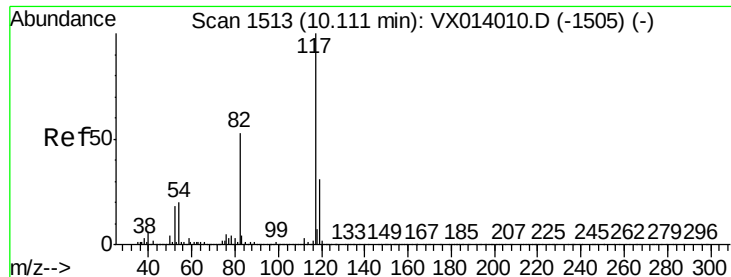


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





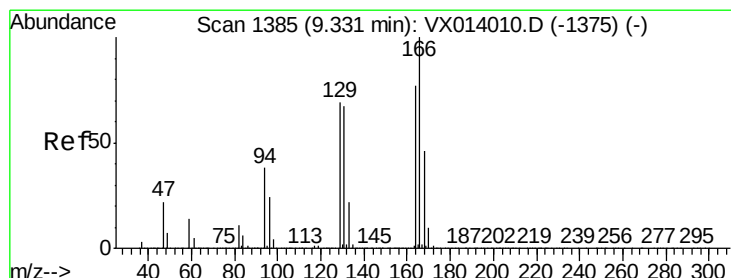
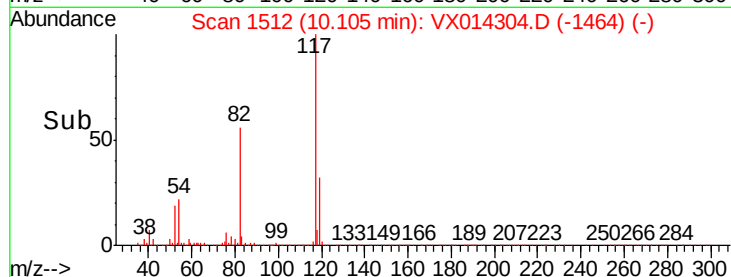
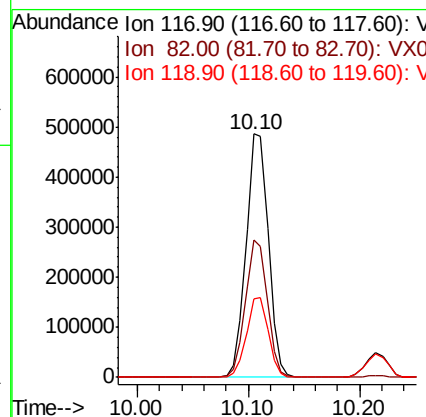
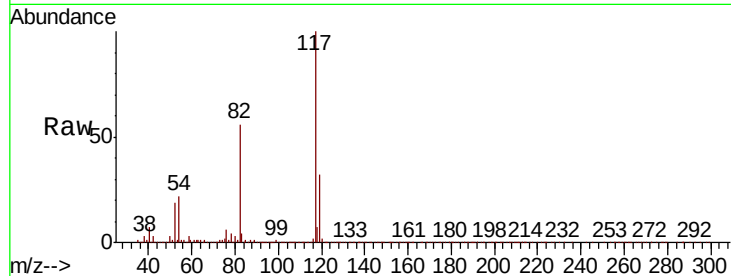
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	42.2	63.4
119	32.2	25.1	37.7

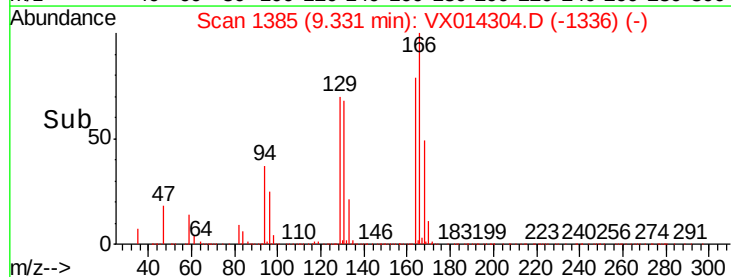
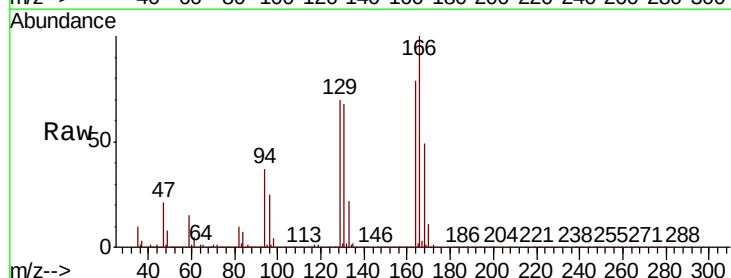
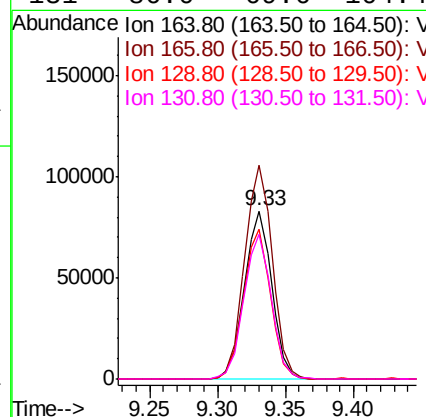
Manual Integrations
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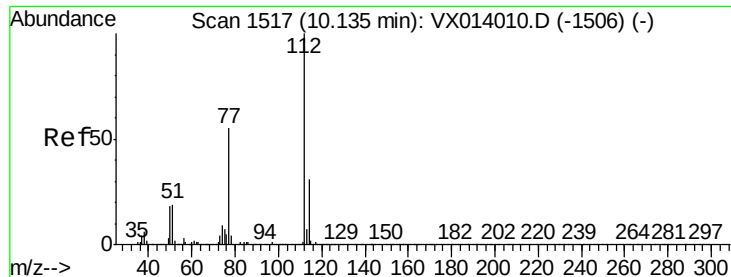
apatel
12/30/2019 11:04:11 AM



#64
Tetrachloroethene
Concen: 19.607 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	104.0	156.0
129	88.8	72.2	108.4
131	86.0	69.6	104.4





#65

Chlorobenzene

Concen: 18.471 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS01

Tot Ion:112 Resp: 265338

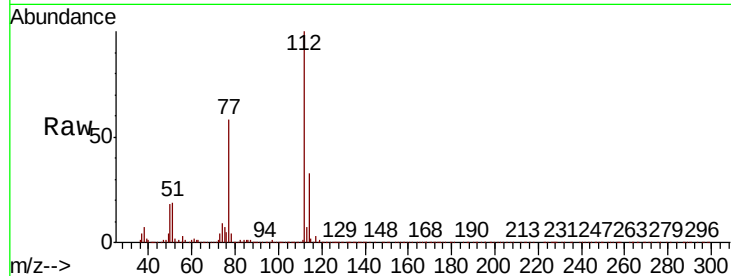
Ion Ratio Lower Upper

112 100

114 32.5 24.9 37.3

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

200000

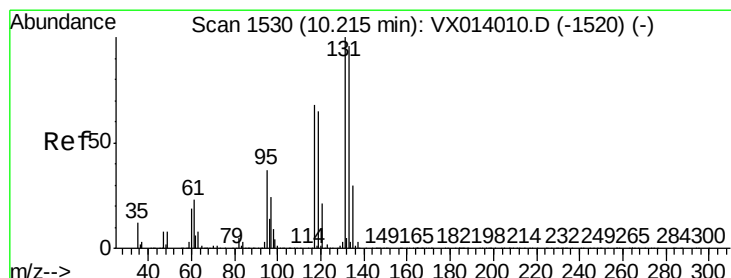
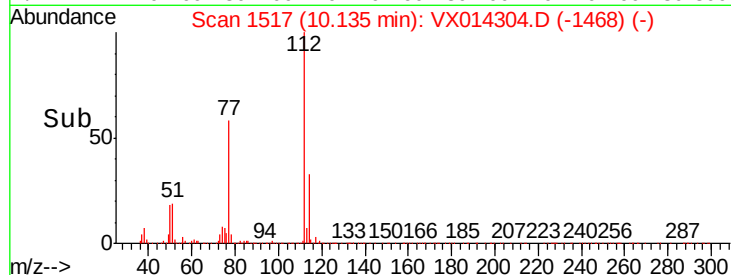
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.665 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

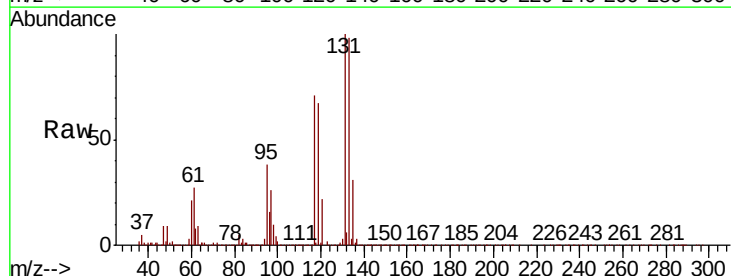
Tgt Ion:131 Resp: 95733

Ion Ratio Lower Upper

131 100

133 96.6 48.0 144.0

119 66.9 33.4 100.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

200000

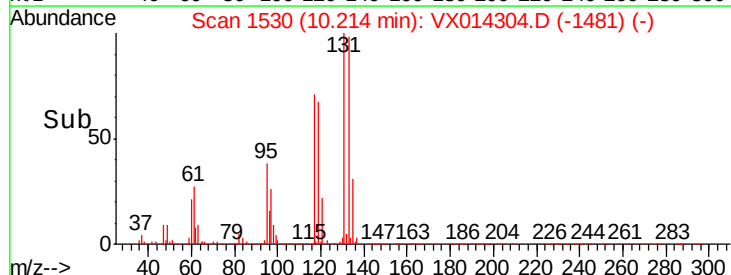
150000

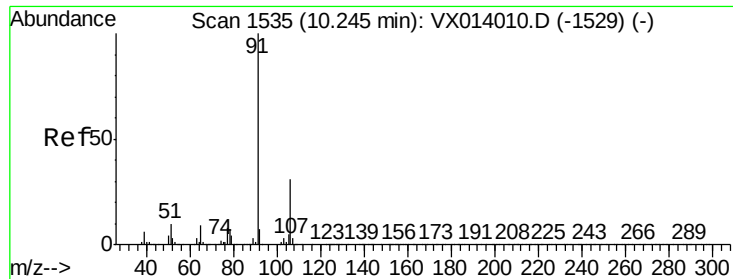
100000

50000

0

Time-->





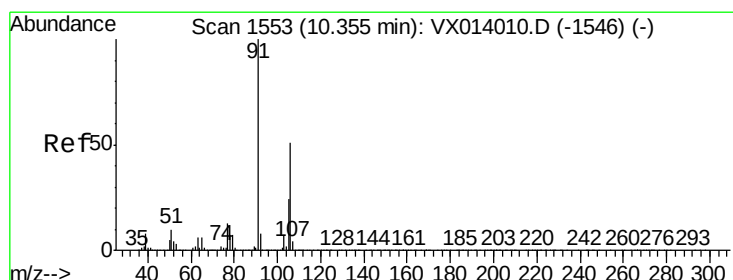
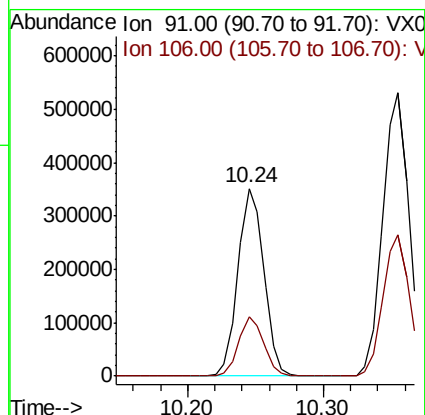
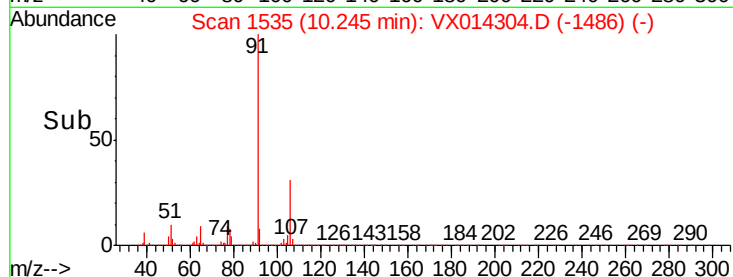
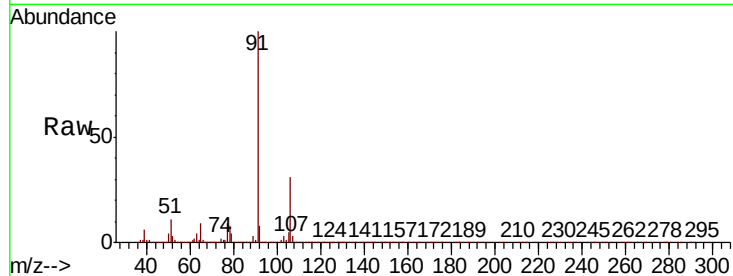
#67
Ethyl Benzene
Concen: 18.947 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

Tot Ion: 91 Resp: 467925
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6

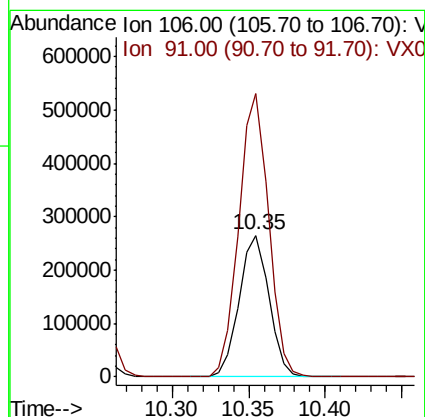
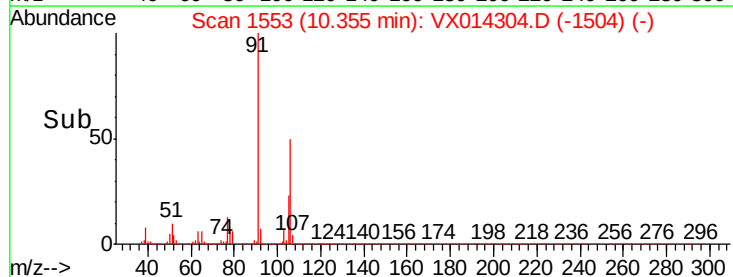
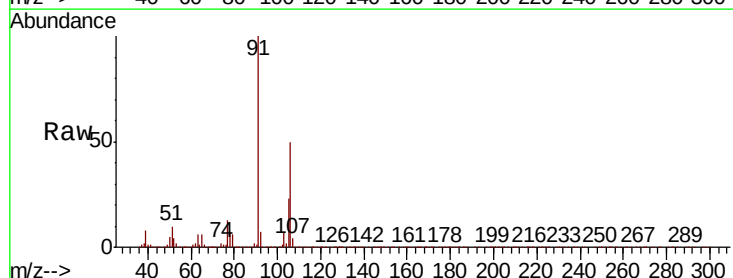
Manual Integrations
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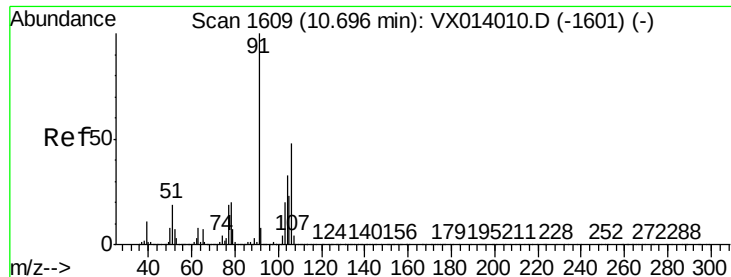
apatel
12/30/2019 11:04:11 AM



#68
m/p-Xylenes
Concen: 37.753 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion: 106 Resp: 358602
Ion Ratio Lower Upper
106 100
91 198.6 158.6 238.0





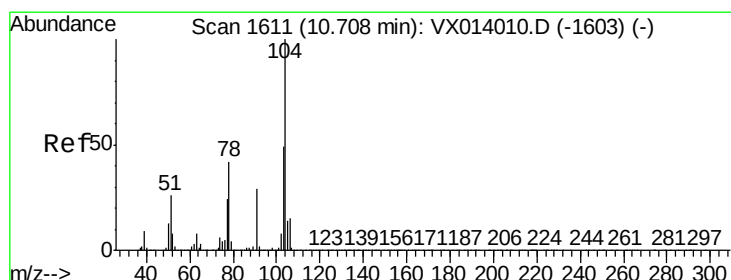
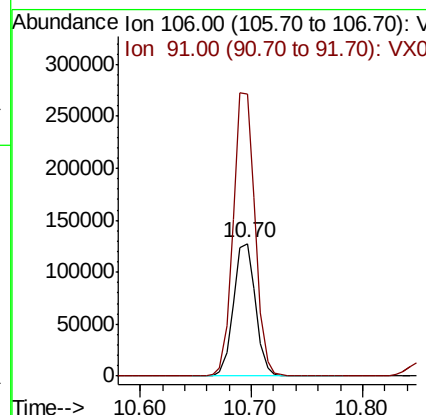
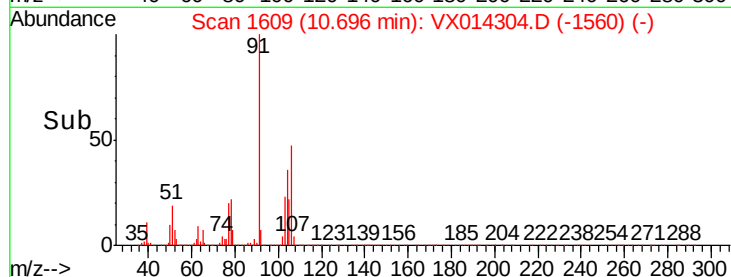
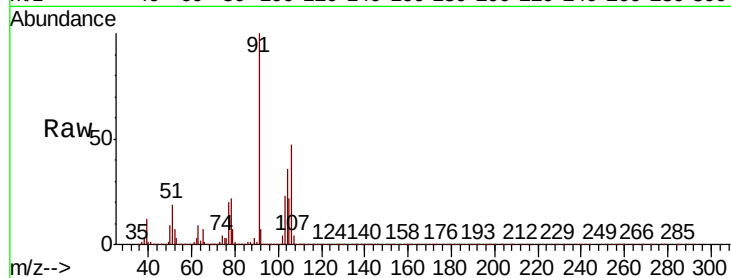
#69
o-Xylene
Concen: 18.560 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	172906		
91	212.1	104.2	312.6	

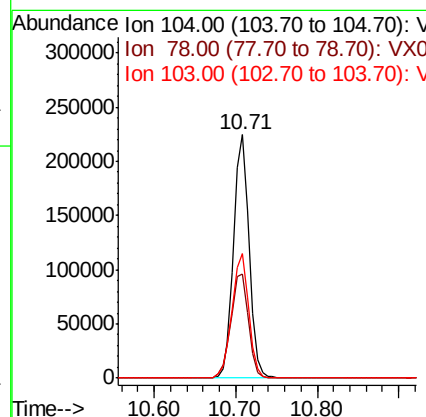
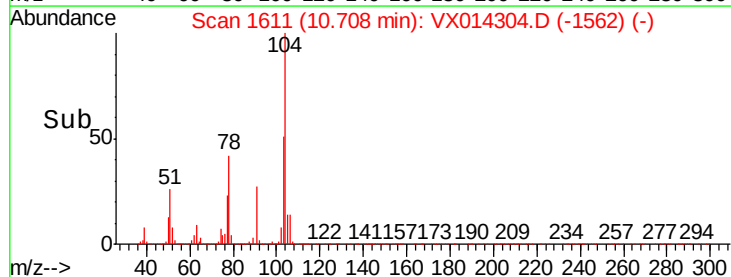
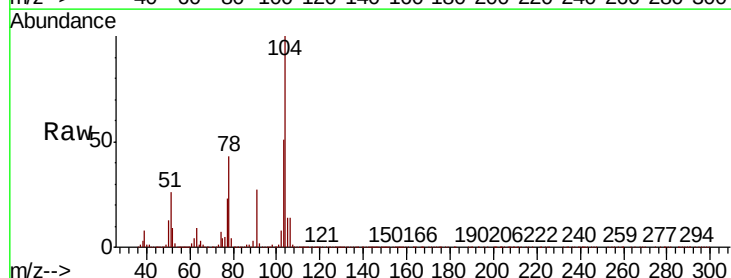
Manual Integrations
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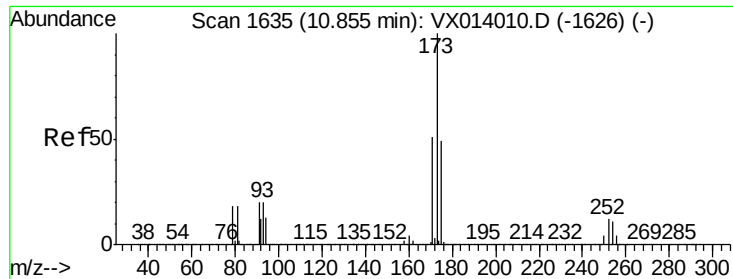
apatel
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#70
Styrene
Concen: 18.601 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	293024		
78	48.2	38.5	57.7	
103	55.1	42.9	64.3	





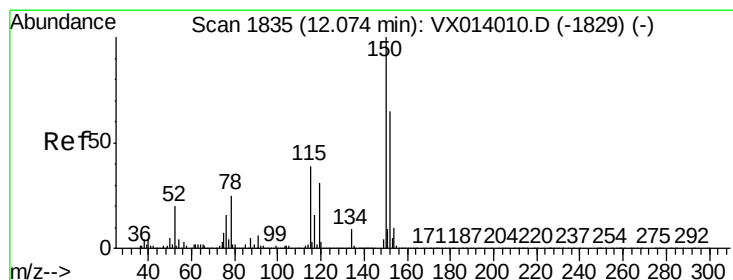
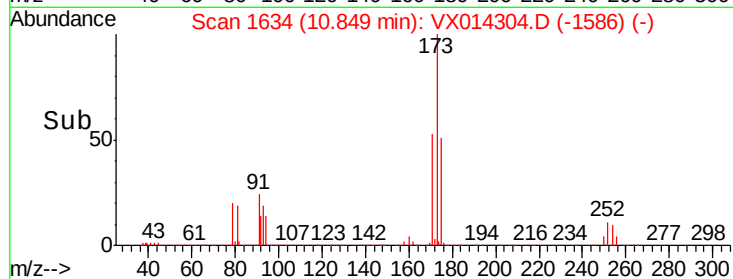
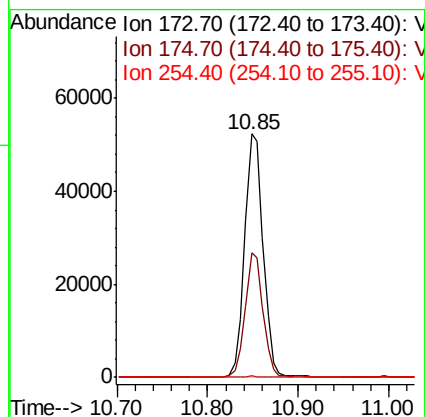
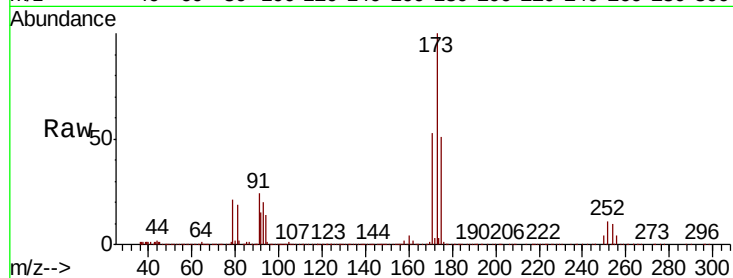
#71
Bromoform
Concen: 17.956 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.4	73.4
254	0.4	0.2	0.2

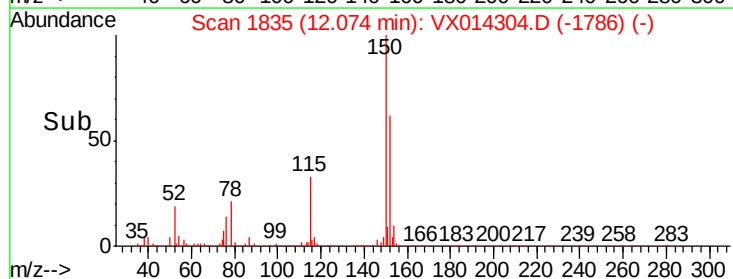
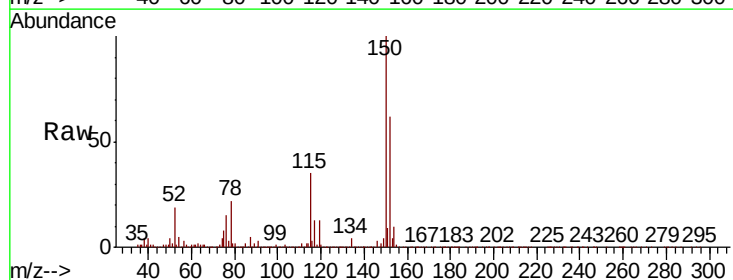
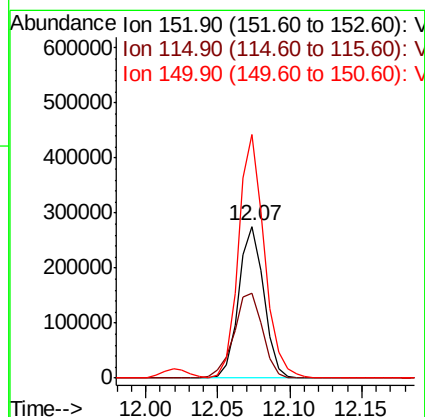
Manual Integrations
APPROVED

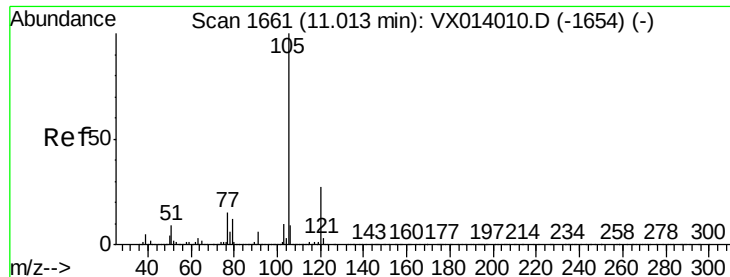
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.4	38.3	114.9
150	164.4	0.0	345.4





#73

Isopropylbenzene

Concen: 19.330 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS01

Tot Ion: 105 Resp: 456059

Ion Ratio Lower Upper

105 100

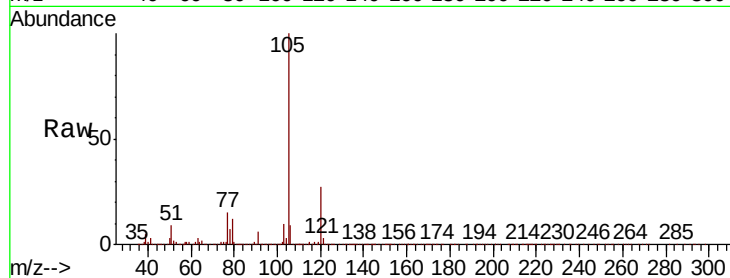
120 27.3 13.5 40.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

200000

100000

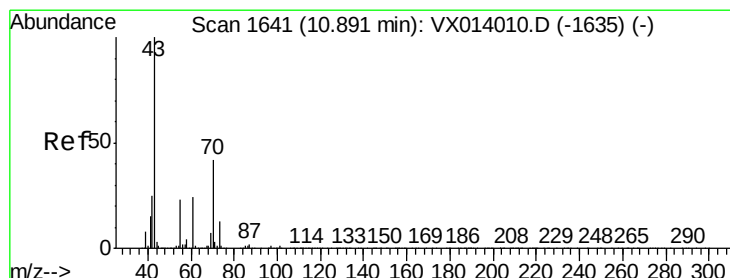
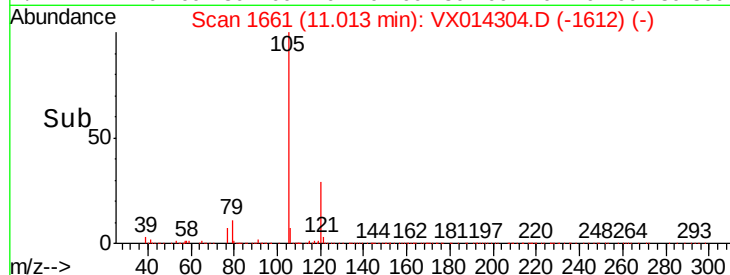
0

11.01

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 18.104 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Tgt Ion: 43 Resp: 200215

Ion Ratio Lower Upper

43 100

70 42.8 34.4 51.6

55 24.4 19.1 28.7

61 24.3 19.7 29.5

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

150000

100000

50000

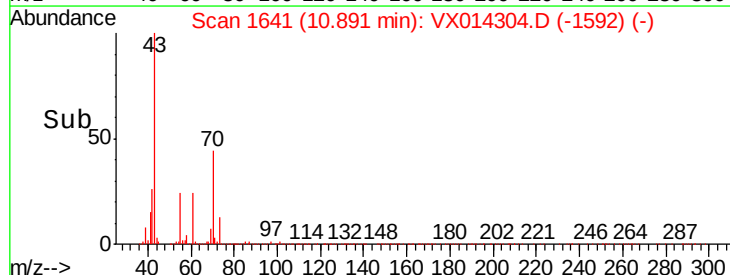
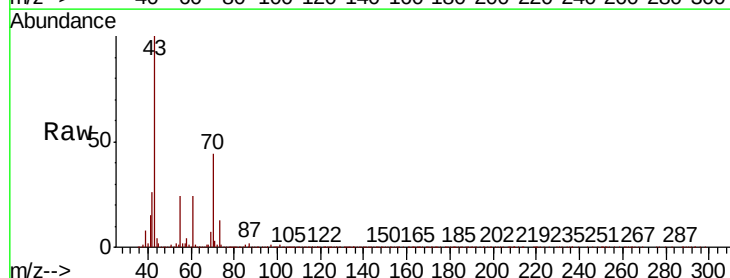
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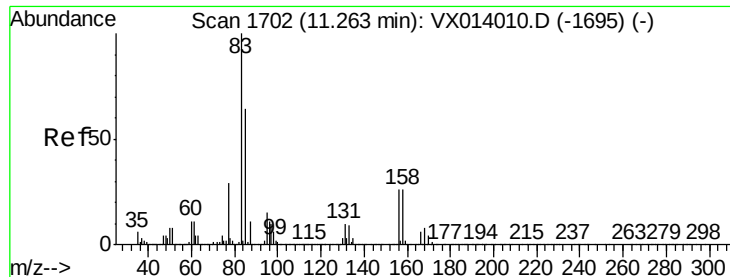
10.89

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.570 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

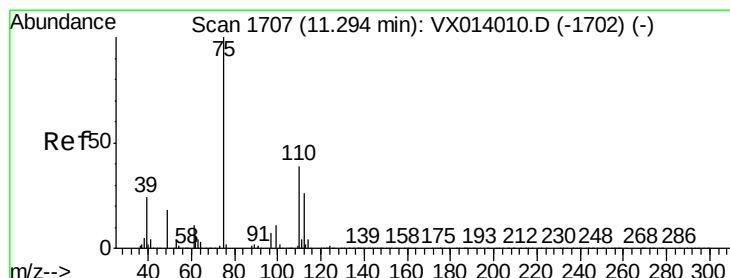
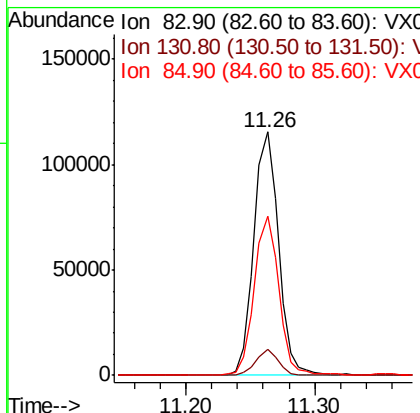
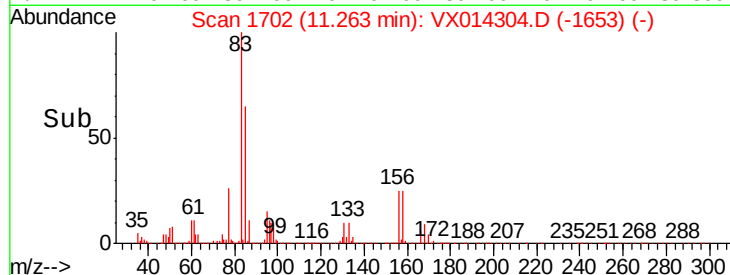
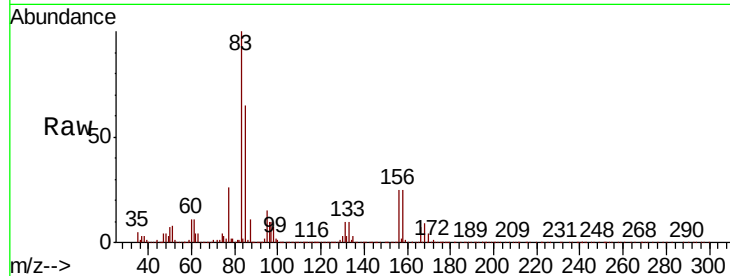
ClientSampleId :

VX1227WBS01

Tot Ion:	83	Resp:	151896
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.1	15.2
85	65.2	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.249 ug/l m

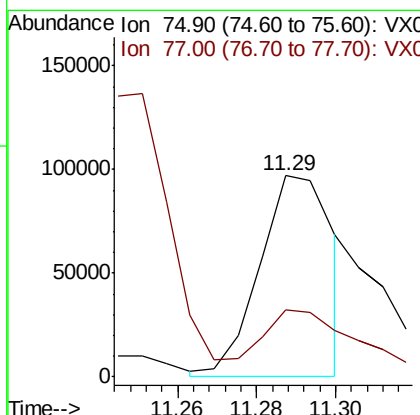
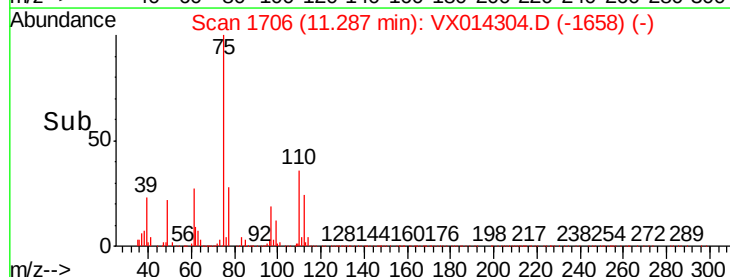
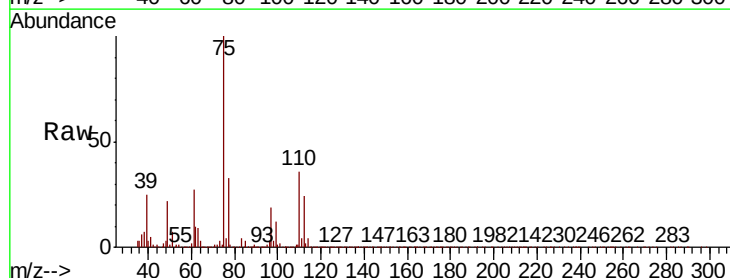
RT: 11.29 min Scan# 1706

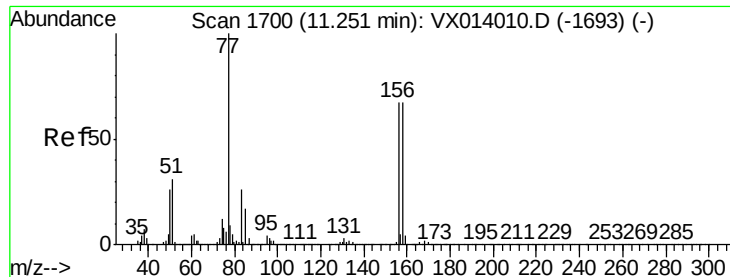
Delta R.T. -0.01 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Tgt Ion:	75	Resp:	125481
Ion Ratio	Lower	Upper	
75	100		
77	41.7	19.3	57.8





#77

Bromobenzene

Concen: 18.299 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

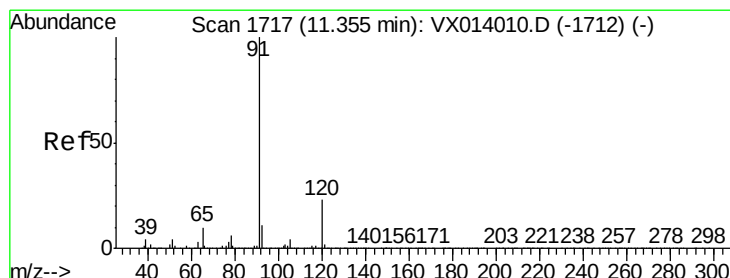
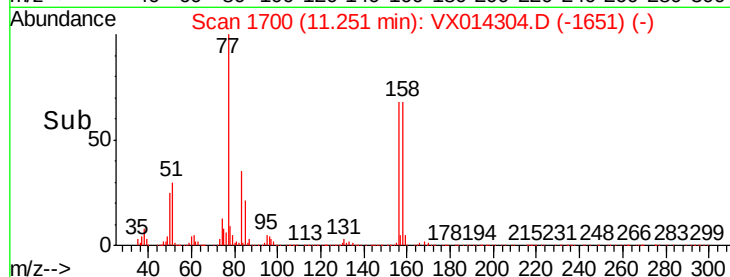
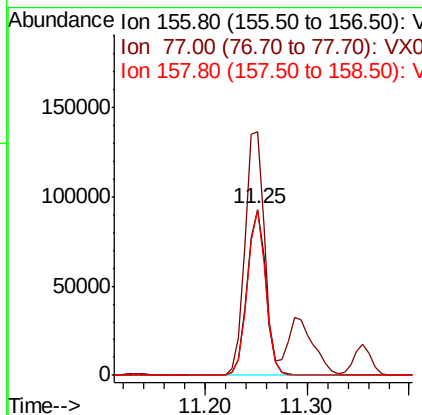
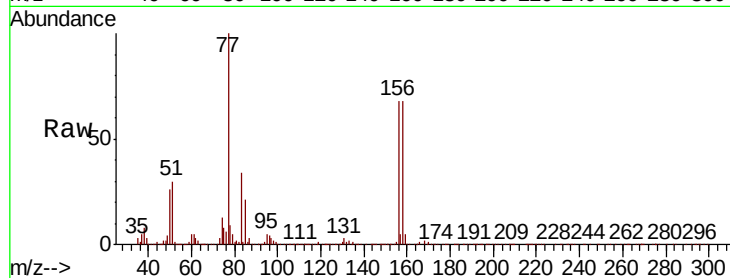
ClientSampleId :

VX1227WBS01

Tot Ion:	156	Resp:	118787
Ion Ratio	Lower	Upper	
156	100		
77	150.8	76.5	229.5
158	97.4	49.3	147.9

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#78

n-propylbenzene

Concen: 19.591 ug/l

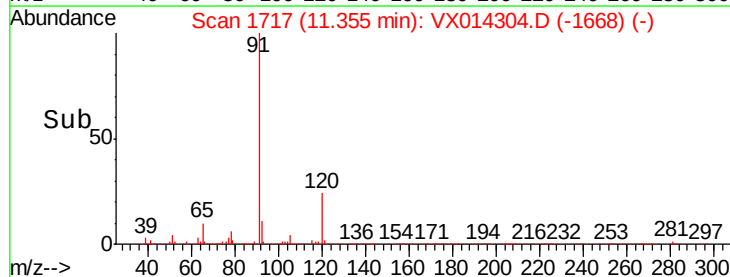
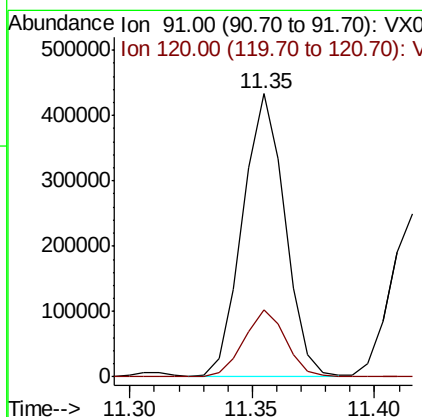
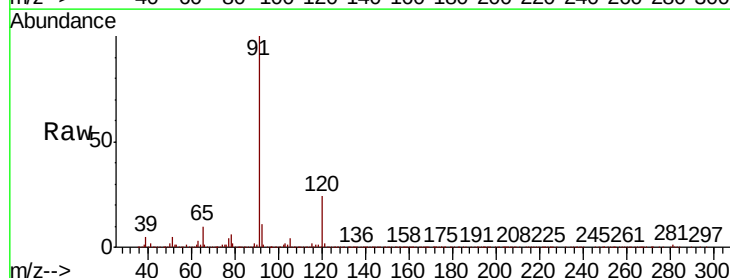
RT: 11.35 min Scan# 1717

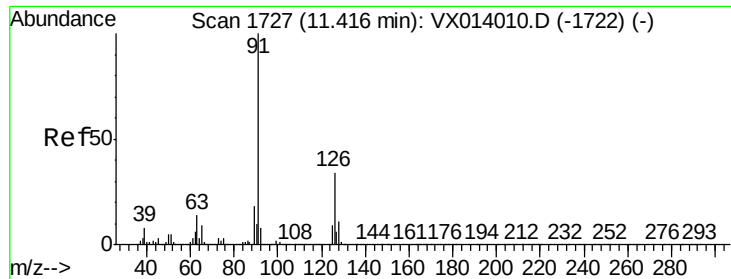
Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Tgt Ion:	91	Resp:	518456
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.7	35.0





#79

2-Chlorotoluene

Concen: 19.244 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS01

Tot Ion: 91 Resp: 309572

Ion Ratio Lower Upper

91 100

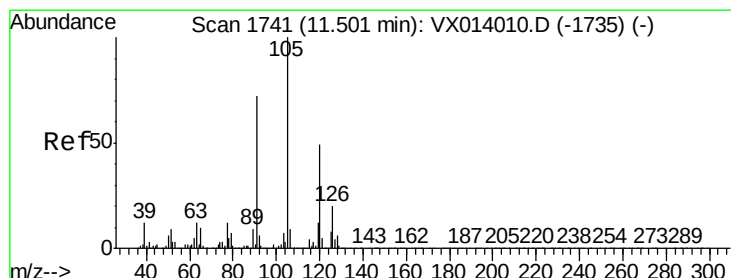
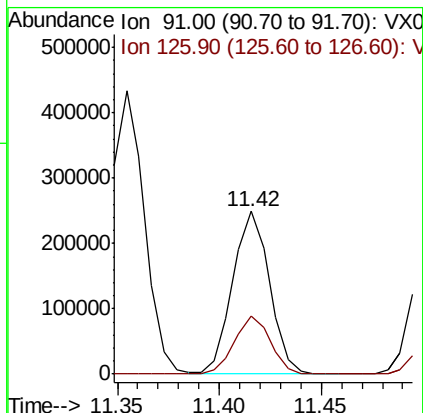
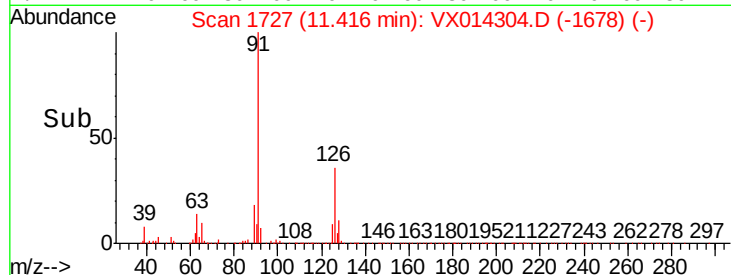
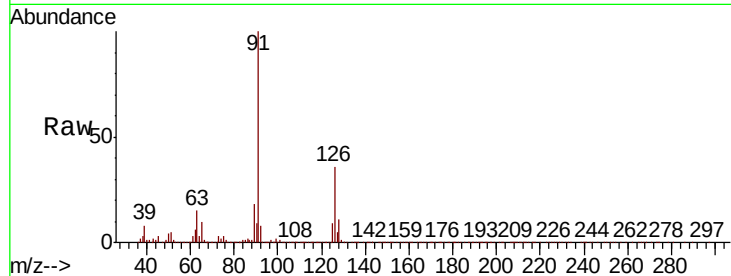
126 35.4 17.2 51.6

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#80

1,3,5-Trimethylbenzene

Concen: 19.333 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014304.D

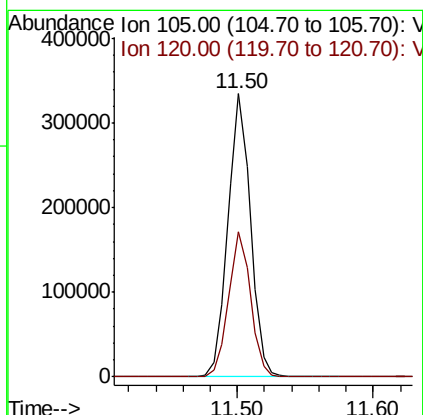
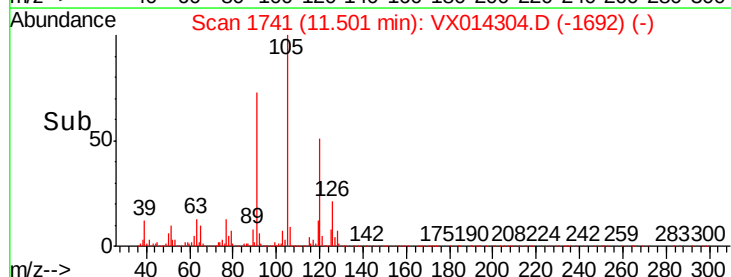
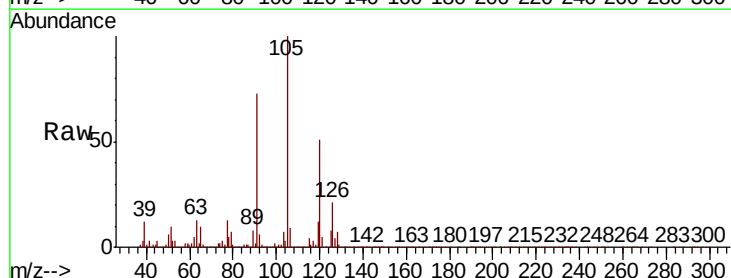
Acq: 27 Dec 2019 13:15

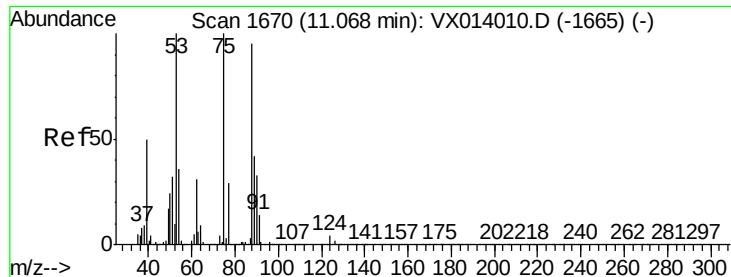
Tgt Ion: 105 Resp: 383872

Ion Ratio Lower Upper

105 100

120 50.3 25.3 75.8





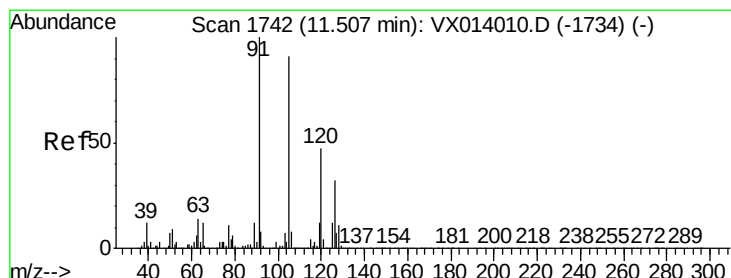
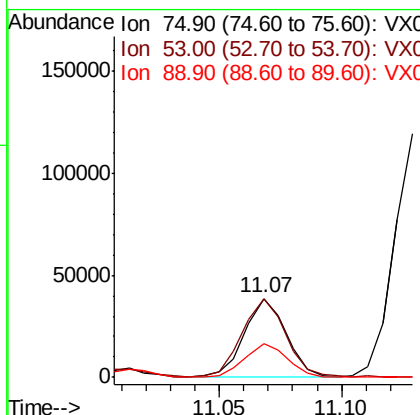
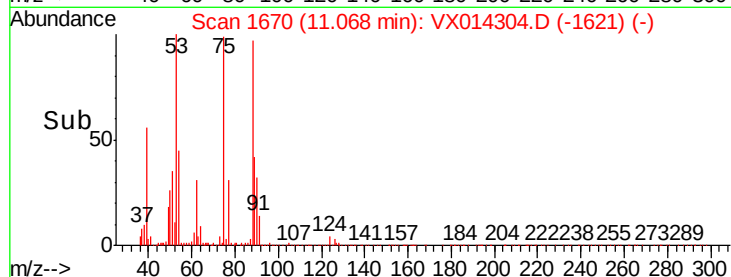
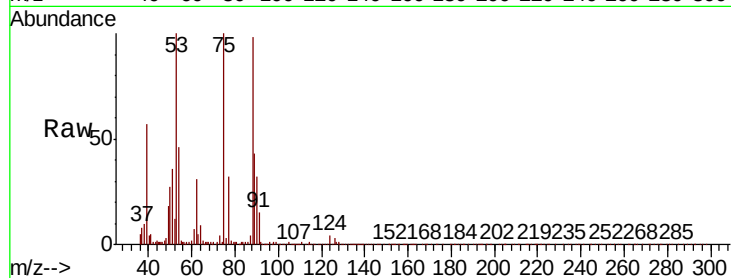
#81
trans-1,4-Dichloro-2-butene
Concen: 17.734 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.4	76.7	115.1
89	45.7	34.6	51.8

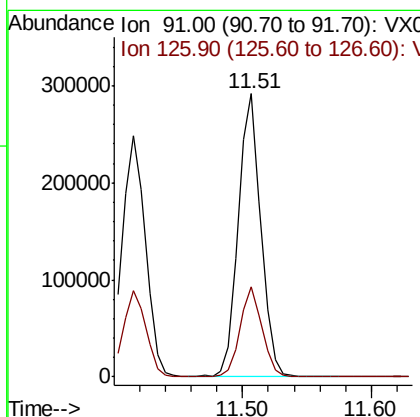
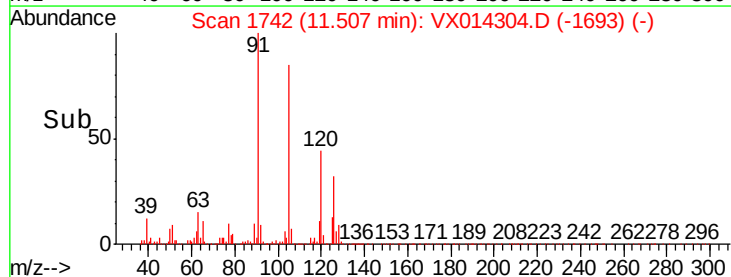
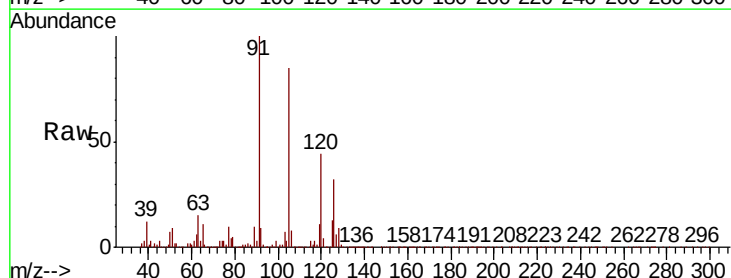
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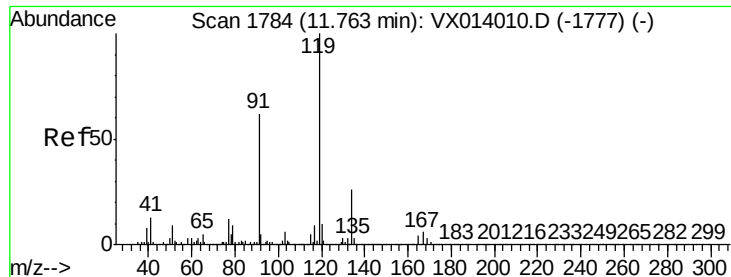
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#82
4-Chlorotoluene
Concen: 19.032 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.6	46.8





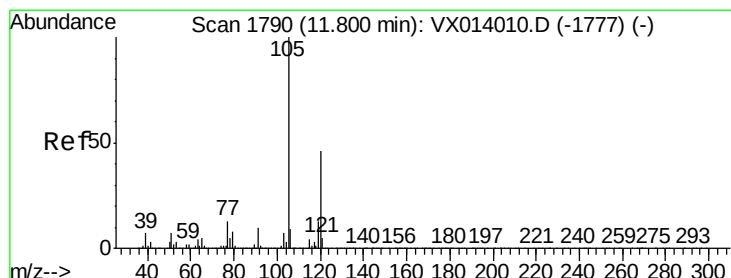
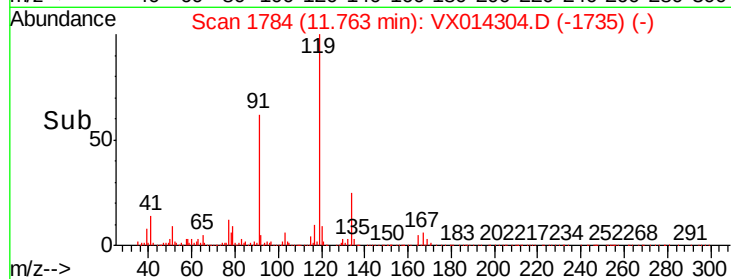
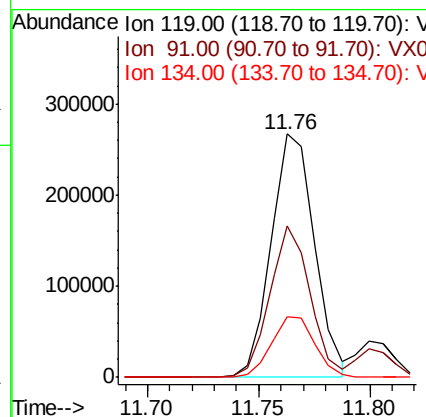
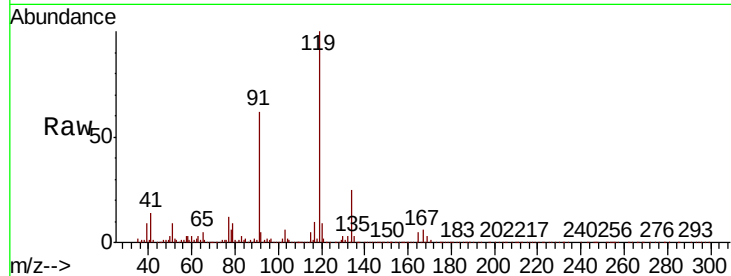
#83
 tert-Butylbenzene
 Concen: 18.640 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX014304.D
 Acq: 27 Dec 2019 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS01

Tot Ion:	119	Resp:	360175
Ion Ratio	Lower	Upper	
119	100		
91	57.8	28.5	85.6
134	24.7	12.2	36.6

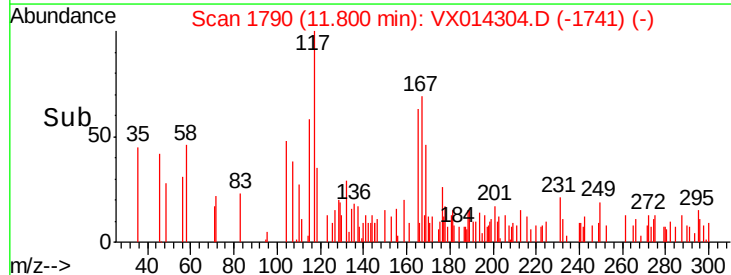
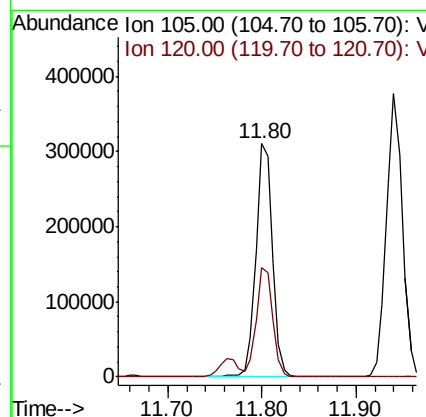
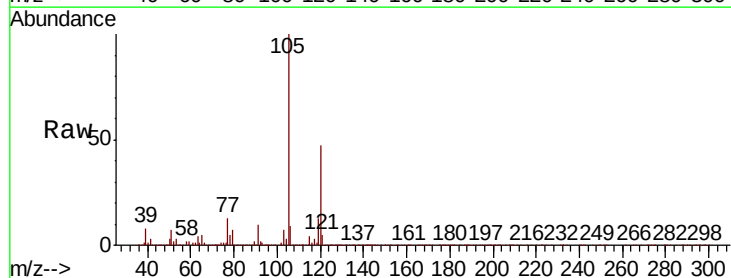
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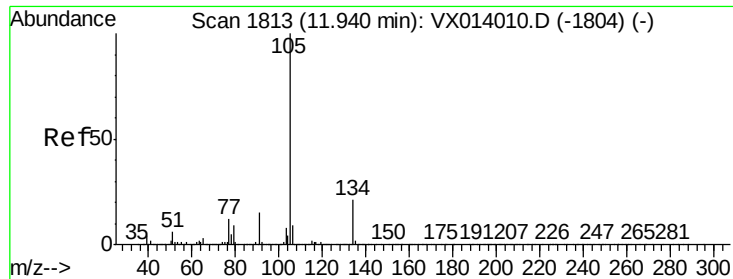
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.346 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX014304.D
 Acq: 27 Dec 2019 13:15

Tgt Ion:	105	Resp:	384678
Ion Ratio	Lower	Upper	
105	100		
120	46.0	23.1	69.2





#85

sec-Butylbenzene

Concen: 19.644 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX1227WBS01

Tot Ion:105 Resp: 448109

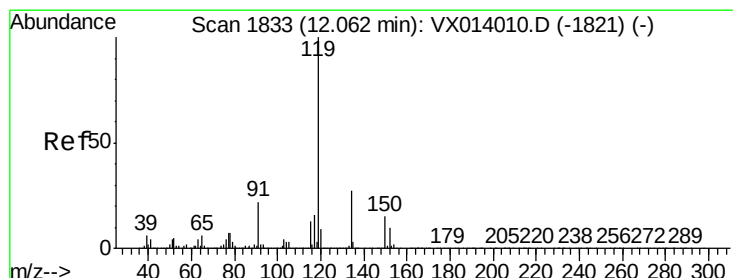
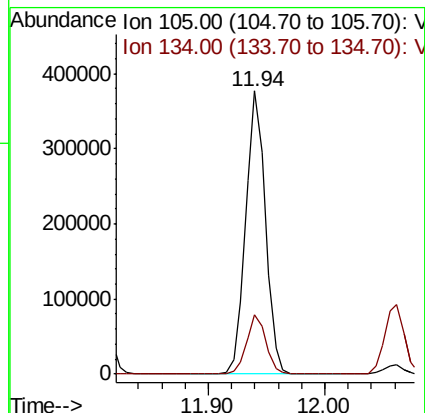
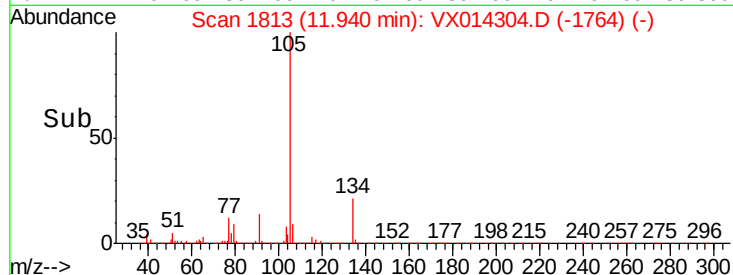
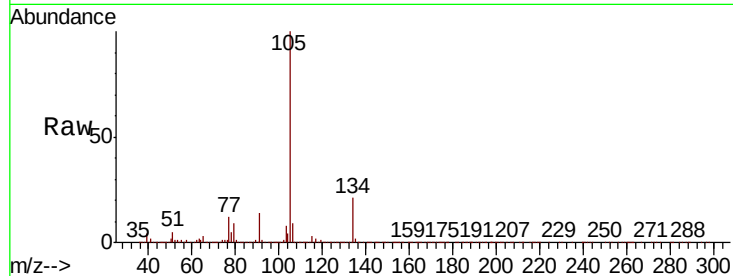
Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 19.607 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX014304.D

Acq: 27 Dec 2019 13:15

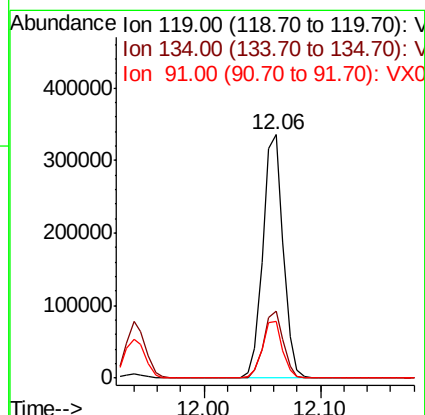
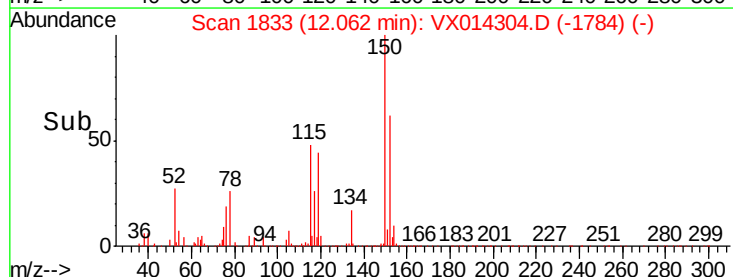
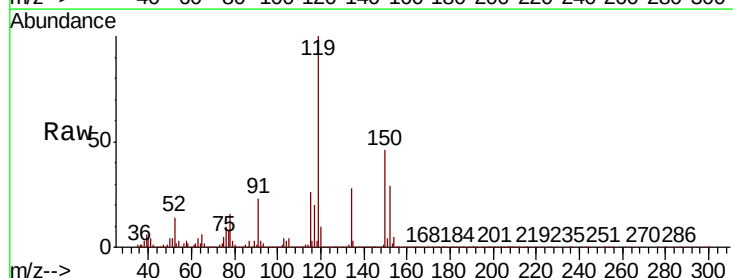
Tgt Ion:119 Resp: 409125

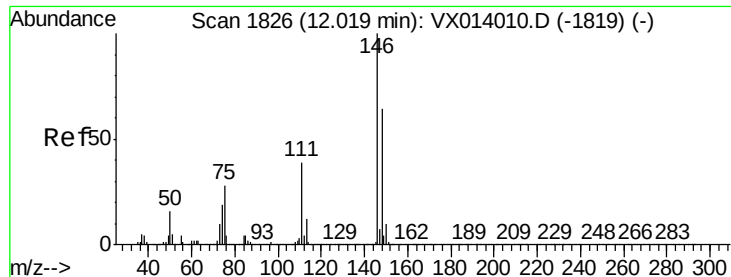
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 23.3 11.4 34.1





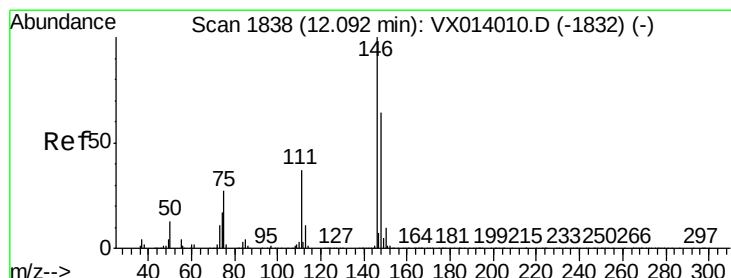
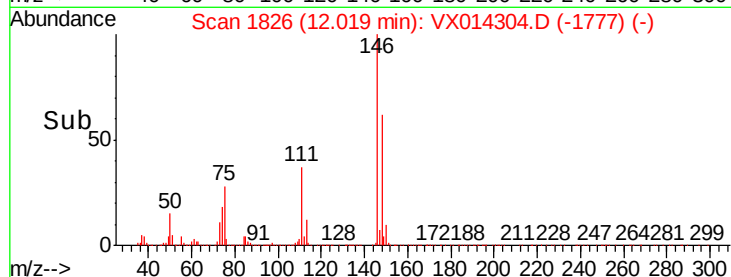
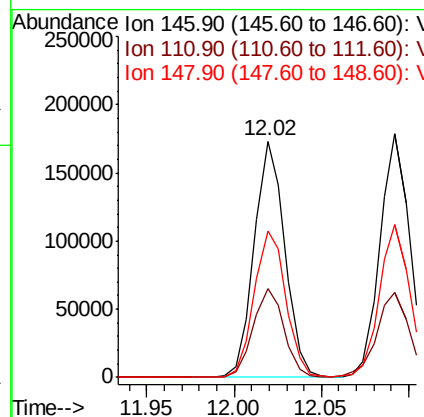
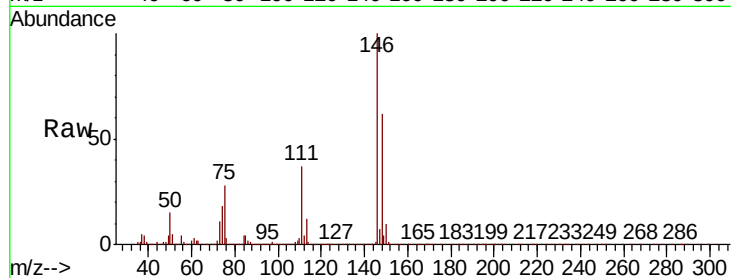
#87
1,3-Dichlorobenzene
Concen: 18.549 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.1
148	64.0	32.3	96.9

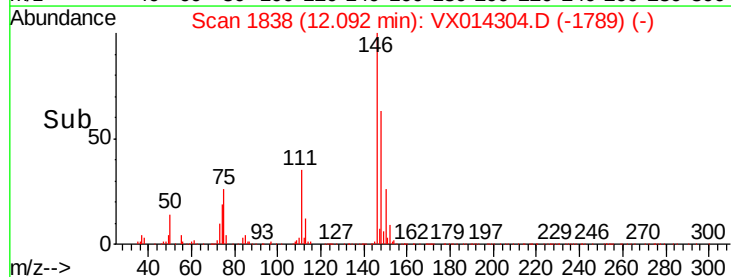
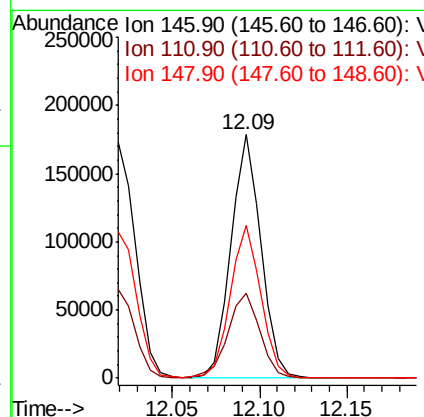
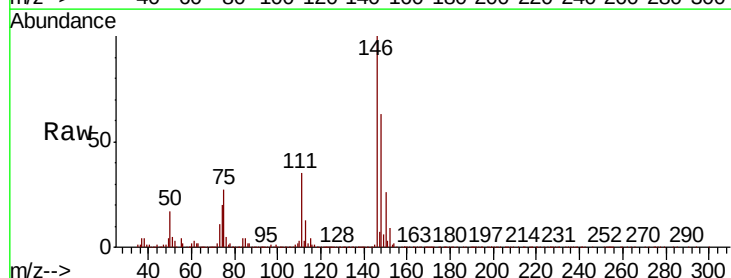
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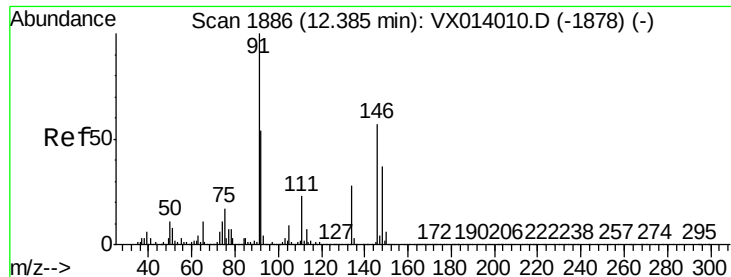
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#88
1,4-Dichlorobenzene
Concen: 18.336 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.7	56.1
148	63.8	31.9	95.9





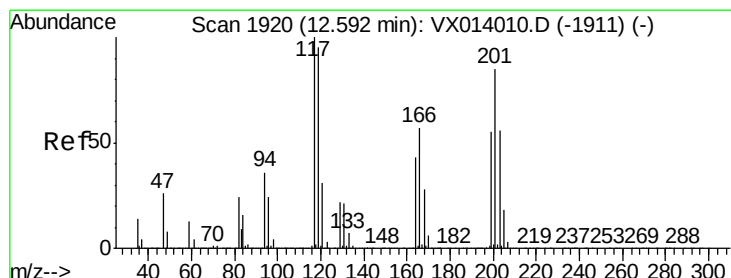
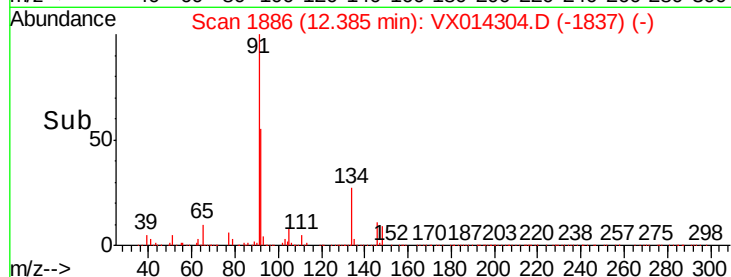
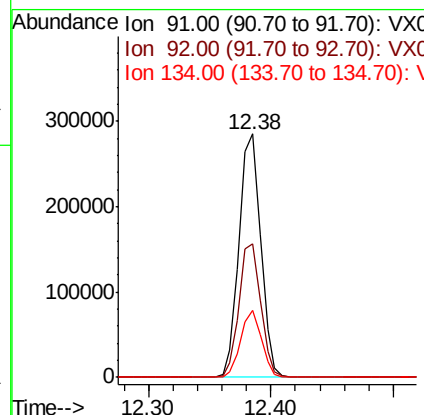
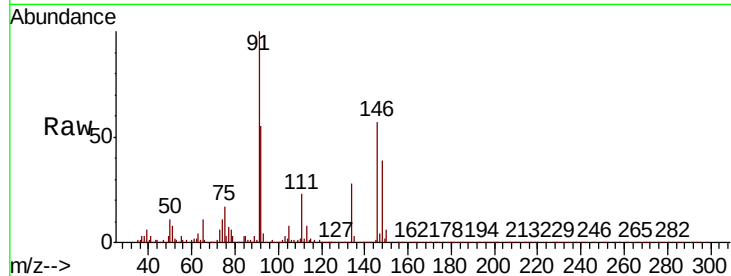
#89
n-Butylbenzene
Concen: 19.547 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.7	27.2	81.6	
134	26.4	13.4	40.1	

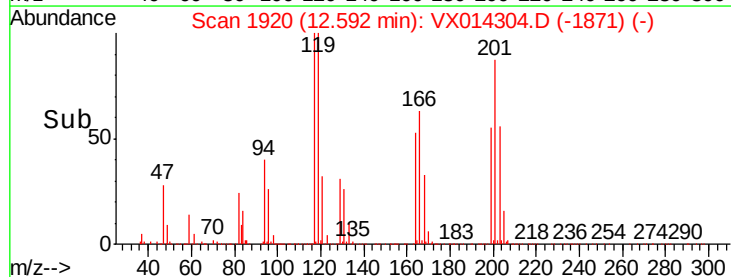
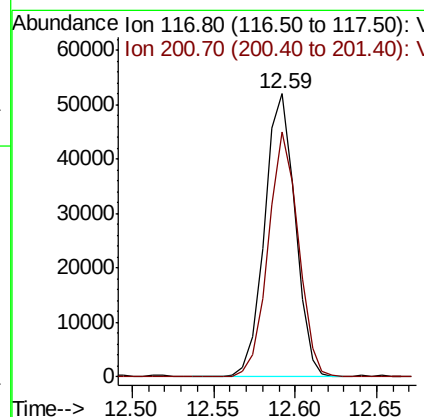
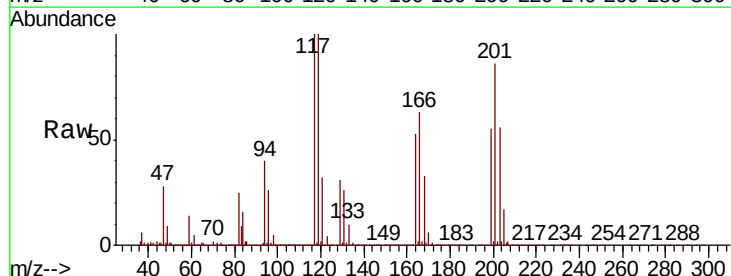
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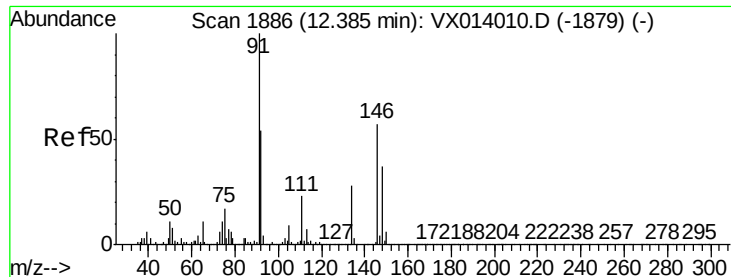
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#90
Hexachloroethane
Concen: 17.971 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	85.2	43.1	129.3	





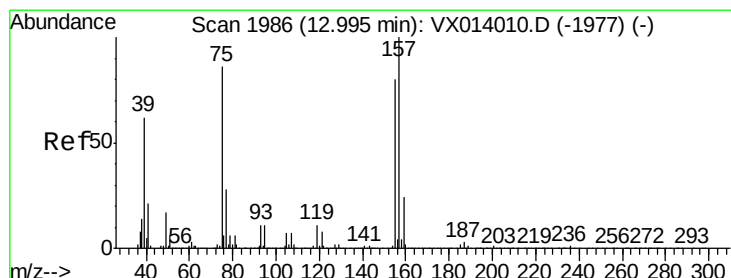
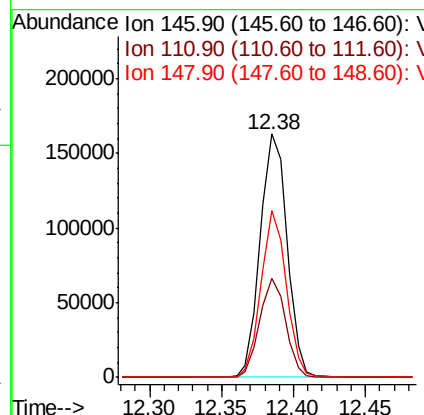
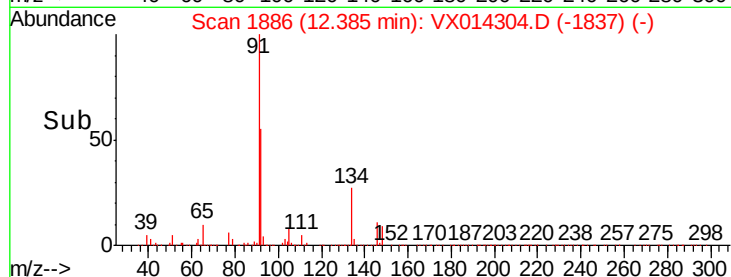
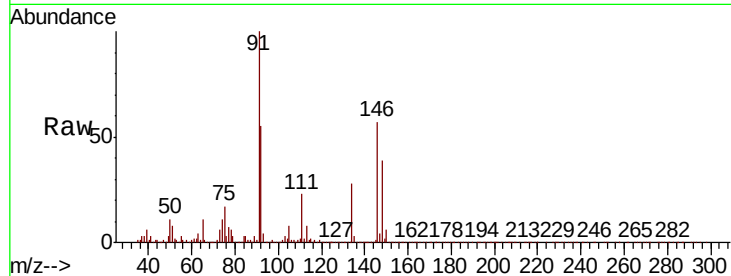
#91
 1,2-Dichlorobenzene
 Concen: 18.216 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014304.D
 Acq: 27 Dec 2019 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	208618		
111	39.5	19.7	59.1	
148	64.8	32.1	96.5	

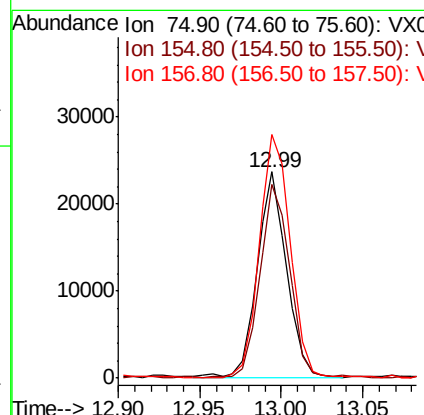
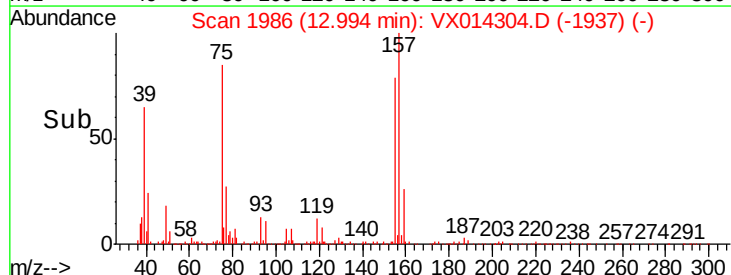
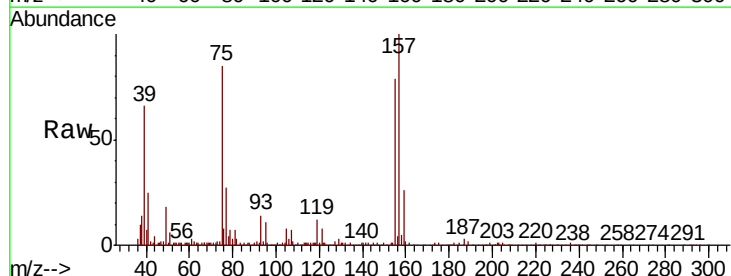
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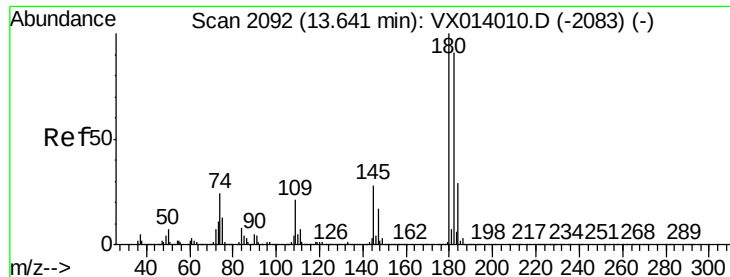
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.188 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014304.D
 Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	29301		
155	97.1	46.9	140.6	
157	126.3	60.8	182.4	





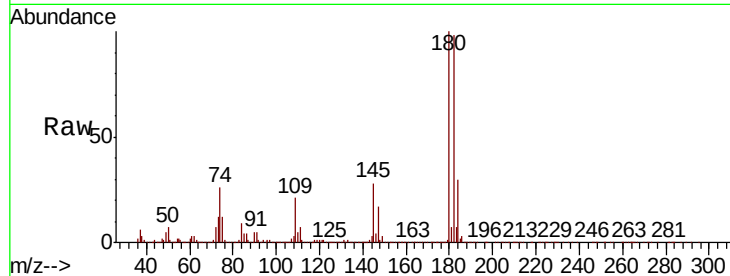
#93
 1,2,4-Trichlorobenzene
 Concen: 18.401 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014304.D
 Acq: 27 Dec 2019 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	136968		
182	97.1	46.6	139.8	
145	28.2	14.2	42.6	

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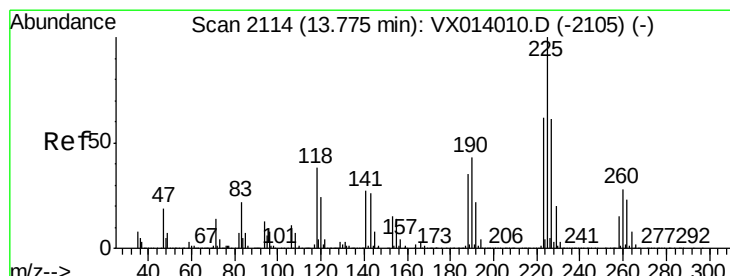
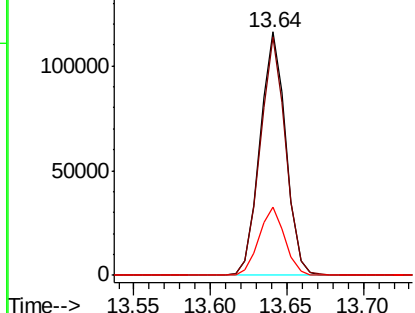
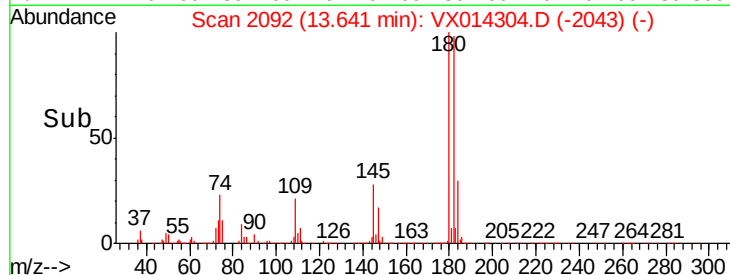


Abundance

Ion 179.80 (179.50 to 180.50): V

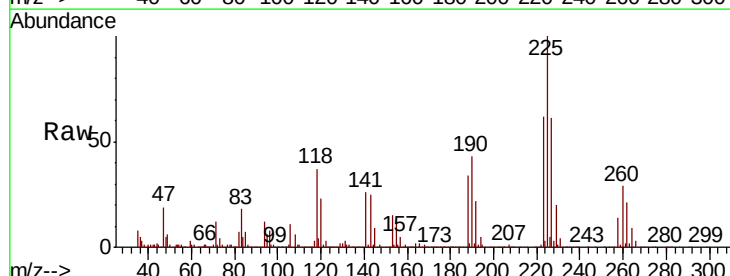
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.666 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014304.D
 Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	70352		
223	62.5	30.9	92.5	
227	63.1	30.9	92.7	

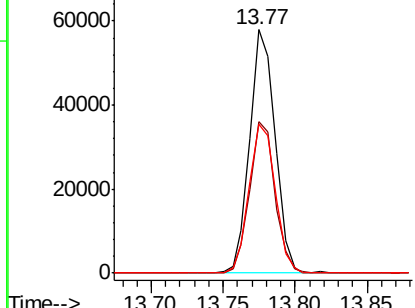
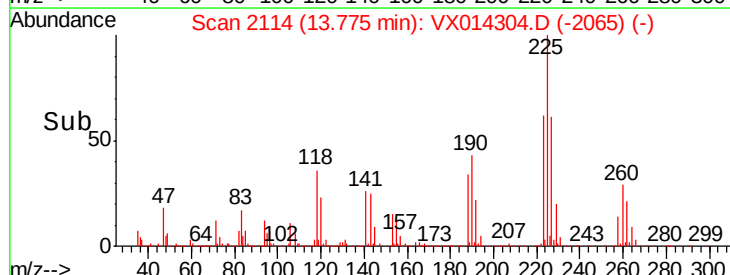


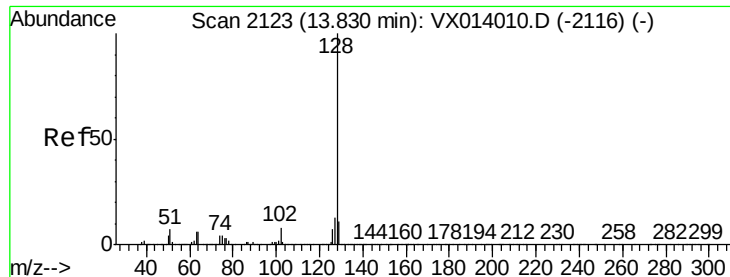
Abundance

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





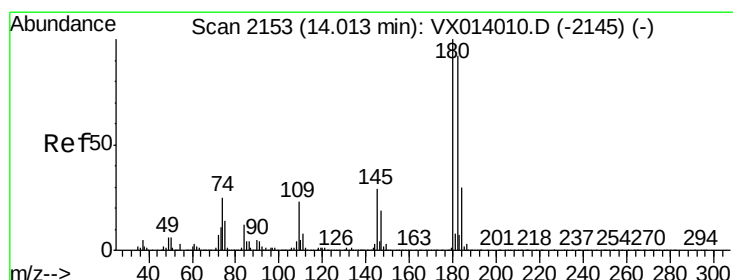
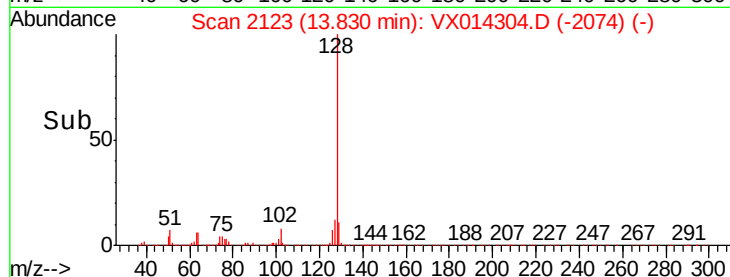
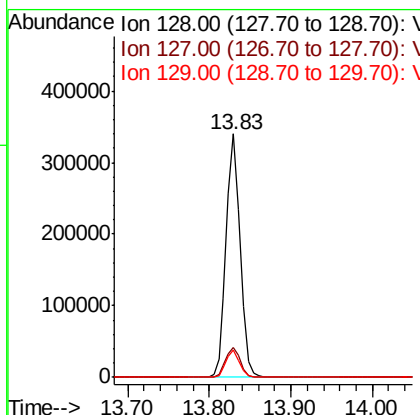
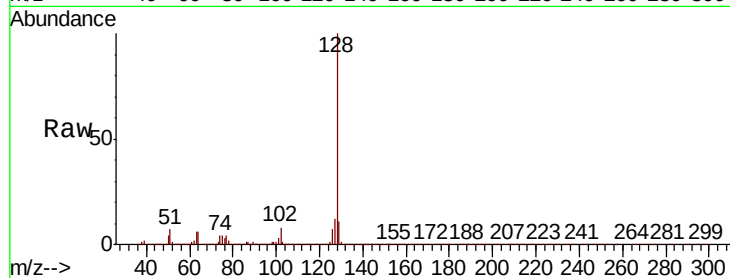
#95
Naphthalene
Concen: 18.516 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1227WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
12/30/2019 11:04:11 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.157 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014304.D
Acq: 27 Dec 2019 13:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	46.8	140.3
145	29.6	14.8	44.4

