

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014117.D
 Acq On : 19 Dec 2019 13:42
 Operator : JC/SP
 Sample : VX1219WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample ID :
 VX1219WBSD02

Manual Integrations
 APPROVED

apatel
 12/20/2019 10:12:51 AM

Quant Time: Dec 20 02:41:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	85824	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	459218	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	425045	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	181109	29.47	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.23%
60) 4-Bromofluorobenzene	11.13	95	202685	29.53	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.43%
63) Toluene-d8	8.71	98	568745	29.94	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	73935	17.054	ug/l 99
3) Chloromethane	1.32	50	110136	18.025	ug/l 97
4) Vinyl Chloride	1.40	62	111101	17.737	ug/l 98
5) Bromomethane	1.63	94	72958	15.933	ug/l 99
6) Chloroethane	1.72	64	72793	18.814	ug/l 99
7) Trichlorofluoromethane	1.92	101	141660	18.175	ug/l 98
8) Diethyl Ether	2.18	74	69978	19.532	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	86226	18.549	ug/l 99
10) 1,1-Dichloroethene	2.36	96	86295	17.956	ug/l 94
11) Methyl Iodide	2.50	142	112048	18.111	ug/l 99
12) Methyl Acetate	2.76	43	144290	19.394	ug/l 97
13) Acrolein	2.28	56	107104	118.690	ug/l 99
14) Acrylonitrile	3.13	53	294766	101.345	ug/l 99
15) Acetone	2.43	58	90087	105.437	ug/l 88
16) Carbon Disulfide	2.56	76	232429	17.853	ug/l 99
17) Allyl chloride	2.72	41	159583	18.479	ug/l 95
18) Methylene Chloride	2.84	84	107230	18.209	ug/l 95
19) trans-1,2-Dichloroethene	3.15	96	95449	18.137	ug/l 96
20) Diisopropyl ether	3.84	45	335001	18.905	ug/l 93
21) 1,1-Dichloroethane	3.69	63	174183	18.111	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	110994	18.193	ug/l 99
23) tert-Butyl Alcohol	3.03	59	119501	104.751	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	300002	18.479	ug/l 98
25) Chloroform	5.20	83	171024	18.652	ug/l 96
26) Cyclohexane	5.56	56	153211	17.866	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	127086	19.159	ug/l 97
30) 2-Butanone	4.65	43	419937	107.406	ug/l 100
31) 2,2-Dichloropropane	4.56	77	128743	20.982	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	135934	18.527	ug/l 99
33) Carbon Tetrachloride	5.77	117	113491	18.197	ug/l 94
34) Benzene	6.13	78	394182	19.058	ug/l 98
35) Methacrylonitrile	5.03	41	85158	20.251	ug/l 95
36) 1,2-Dichloroethane	6.18	62	139781	19.455	ug/l 100
37) Trichloroethene	7.20	130	105956	18.827	ug/l 96
38) Methylcyclohexane	7.45	83	153852	19.444	ug/l 99
39) 1,2-Dichloropropane	7.50	63	106700	19.862	ug/l 99
40) Dibromomethane	7.65	93	68220	19.879	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	129302	19.459	ug/l	99
42) Vinyl Acetate	3.80	43	1447542	104.865	ug/l	100
43) Ethyl Acetate	4.81	43	161332	21.504	ug/l	97
44) Isopropyl Acetate	6.43	43	251121	19.985	ug/l	100
45) 1,4-Dioxane	7.73	88	50960	433.084	ug/l	98
46) Methyl methacrylate	7.76	41	122027	19.994	ug/l	97
47) n-amyl Acetate	10.89	43	204347	18.290	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	138394	19.082	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	160426	19.669	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	104613	19.752	ug/l	97
51) Ethyl methacrylate	9.17	69	161086	19.121	ug/l	98
52) 1,3-Dichloropropane	9.36	76	176142	19.575	ug/l	100
53) Dibromochloromethane	9.57	129	101952	19.251	ug/l	99
54) 1,2-Dibromoethane	9.67	107	109646	20.107	ug/l	96
55) 2-Chloroethyl vinyl ether	8.30	63	373565	100.594	ug/l	100
56) Bromoform	10.85	173	74752	18.100	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	804790	101.196	ug/l	100
59) 2-Hexanone	9.48	43	602043	99.753	ug/l	99
61) Tetrachloroethene	9.33	164	106094	18.868	ug/l	98
62) Toluene	8.78	91	423824	18.748	ug/l	99
64) Chlorobenzene	10.14	112	268764	18.977	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	97573	18.606	ug/l	100
66) Ethyl Benzene	10.25	91	454613	18.376	ug/l	97
67) m/p-Xylenes	10.35	106	348427	36.843	ug/l	98
68) o-Xylene	10.69	106	168874	18.025	ug/l	99
69) Styrene	10.71	104	288833	18.129	ug/l	99
70) Isopropylbenzene	11.01	105	448936	18.543	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.26	83	161592	18.821	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	135005m	17.665	ug/l	
73) Bromobenzene	11.25	156	119739	18.527	ug/l	97
74) n-propylbenzene	11.35	91	503233	18.326	ug/l	99
75) 2-Chlorotoluene	11.42	91	304692	18.364	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	373879	18.204	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	48636	19.272	ug/l	96
78) 4-Chlorotoluene	11.51	91	348378	18.375	ug/l	99
79) tert-butylbenzene	11.76	119	352821	17.823	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	373011	18.164	ug/l	100
81) sec-Butylbenzene	11.94	105	425808	18.084	ug/l	99
82) p-Isopropyltoluene	12.06	119	383063	18.027	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	202707	17.995	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	203950	18.182	ug/l	99
85) n-Butylbenzene	12.39	91	319913	17.907	ug/l	100
86) Hexachloroethane	12.59	117	67072	17.400	ug/l	95
87) 1,2-Dichlorobenzene	12.39	146	205990	18.003	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	34361	20.079	ug/l	95
89) 1,2,4-Trichlorobenzene	13.64	180	130364	17.827	ug/l	99
90) Hexachlorobutadiene	13.78	225	61936	17.818	ug/l	98
91) Naphthalene	13.83	128	400012	18.199	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	133890	18.051	ug/l	98

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Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD02

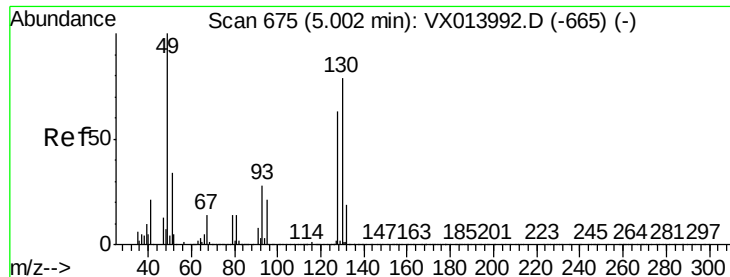
Manual Integrations
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QLast Update : Fri Dec 13 01:35:34 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

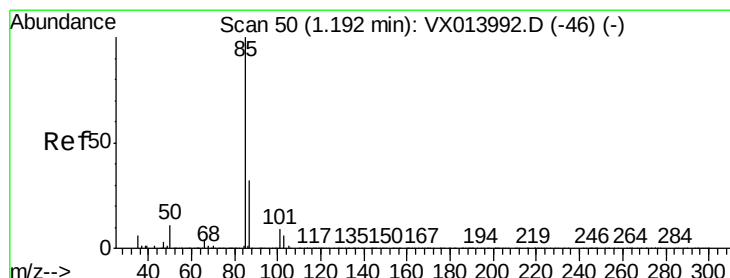
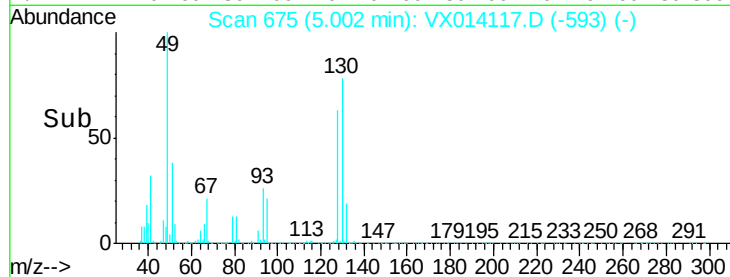
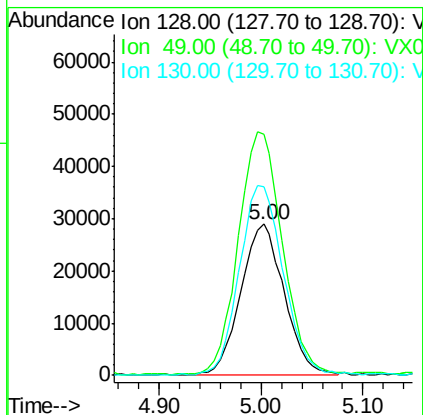
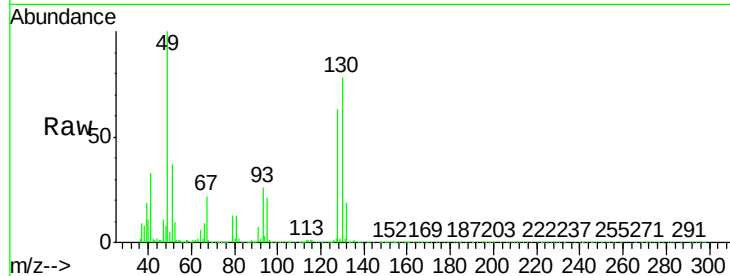
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
49	160.5	0.0	405.0
130	126.5	0.0	321.5

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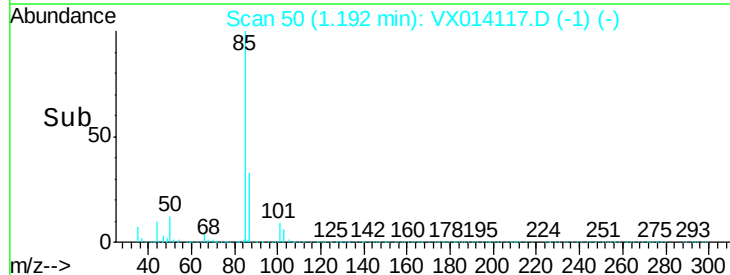
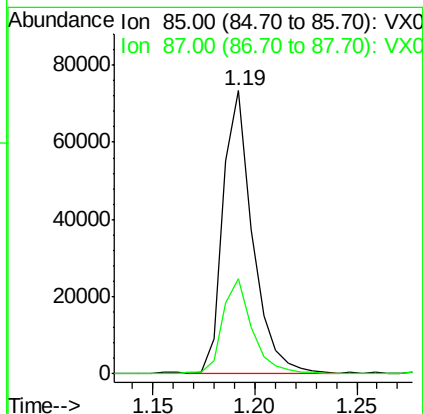
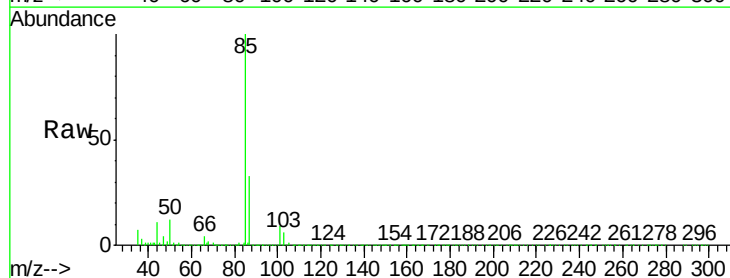
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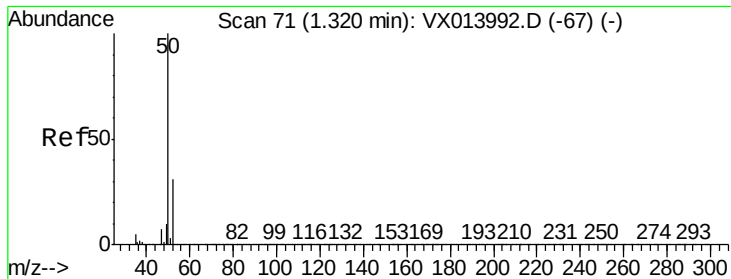


#2

Dichlorodifluoromethane
Concen: 17.054 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.2	16.3	48.9





#3

Chloromethane

Concen: 18.025 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD02

Tot Ion: 50 Resp: 110136

Ion Ratio Lower Upper

50 100

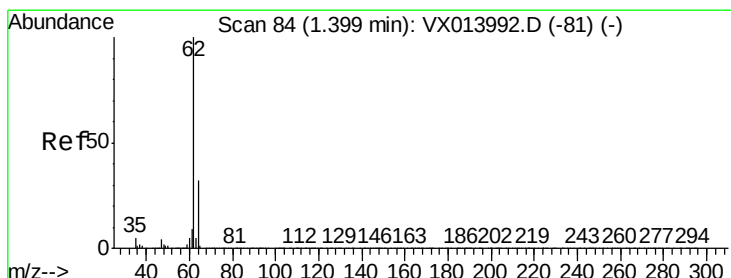
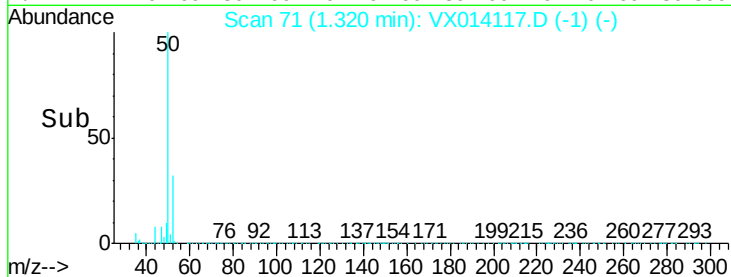
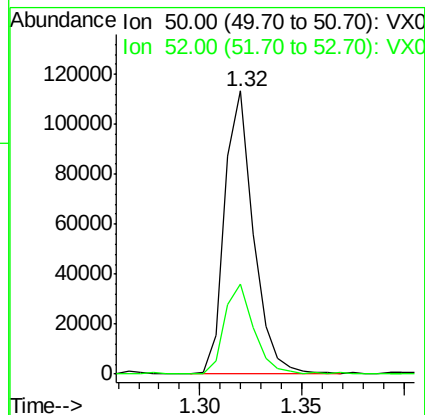
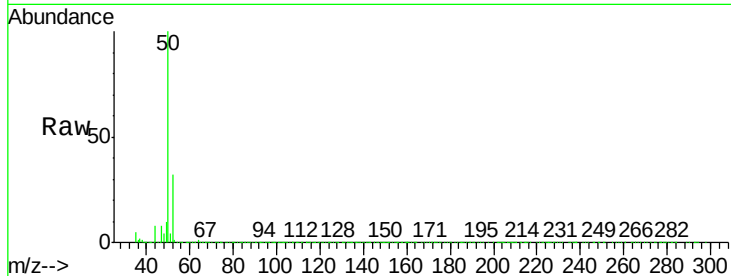
52 31.8 24.3 36.5

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#4

Vinyl Chloride

Concen: 17.737 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014117.D

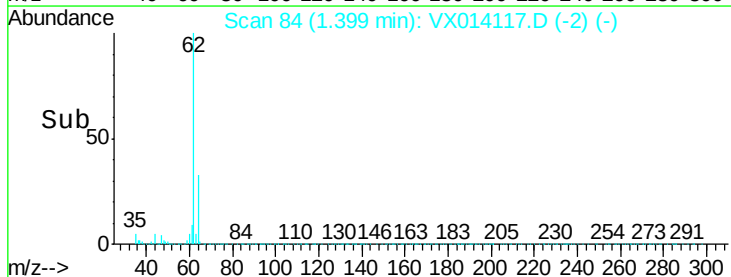
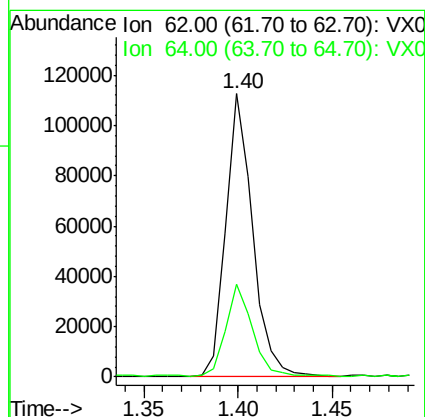
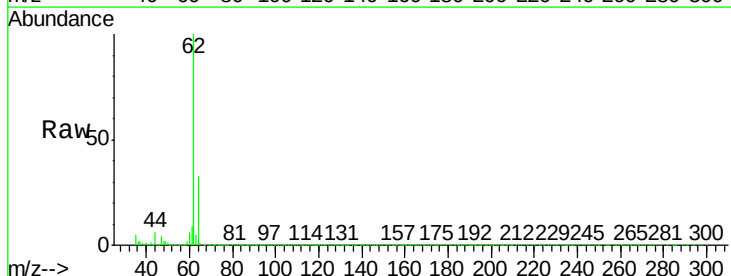
Acq: 19 Dec 2019 13:42

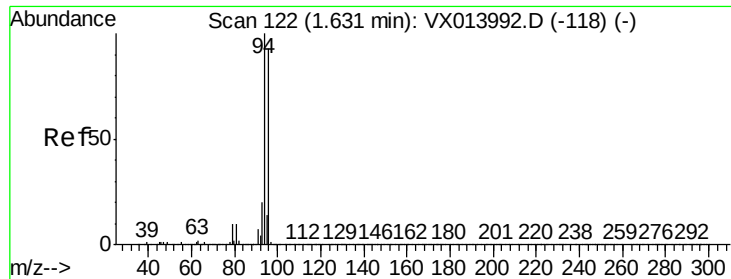
Tgt Ion: 62 Resp: 111101

Ion Ratio Lower Upper

62 100

64 32.4 25.2 37.8





#5

Bromomethane

Concen: 15.933 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD02

Tot Ion: 94 Resp: 72958

Ion Ratio Lower Upper

94 100

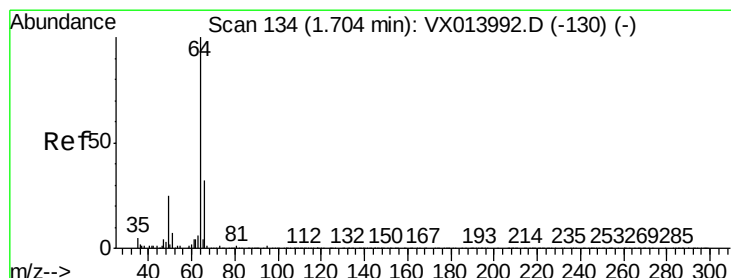
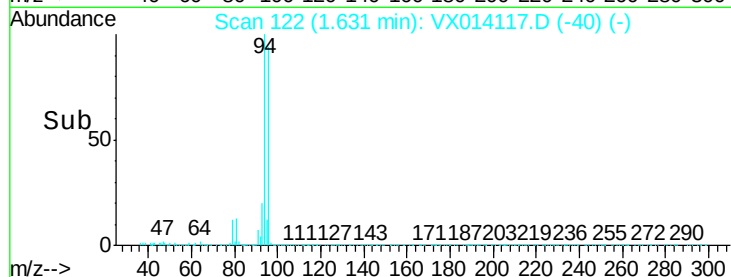
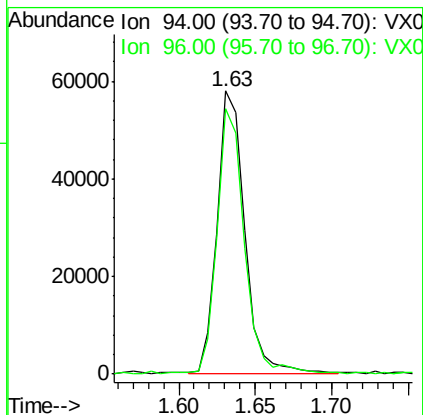
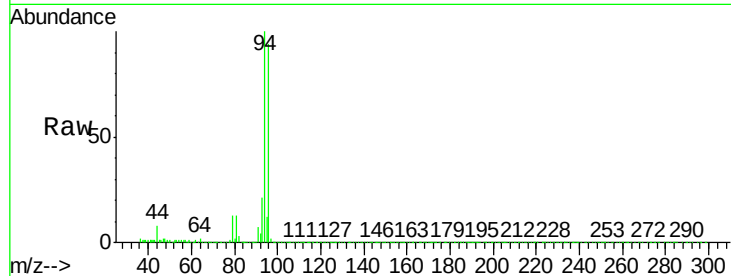
96 93.6 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 18.814 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014117.D

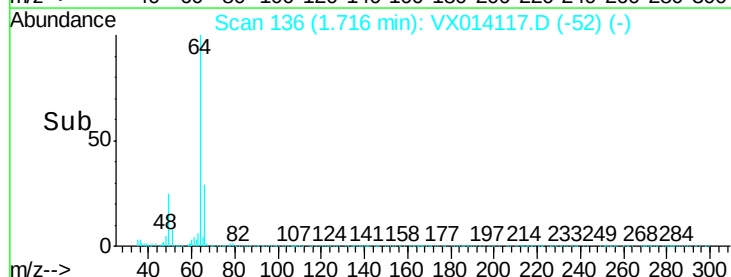
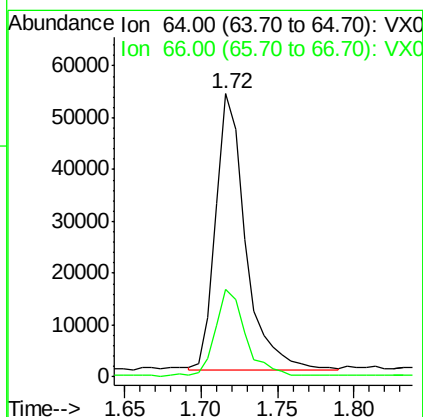
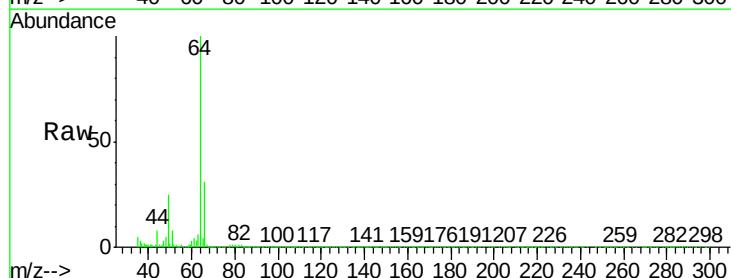
Acq: 19 Dec 2019 13:42

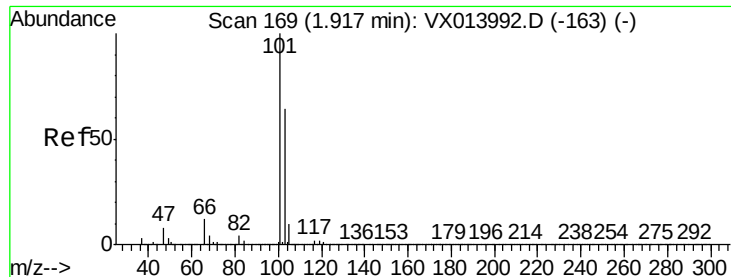
Tgt Ion: 64 Resp: 72793

Ion Ratio Lower Upper

64 100

66 30.9 25.2 37.8





#7

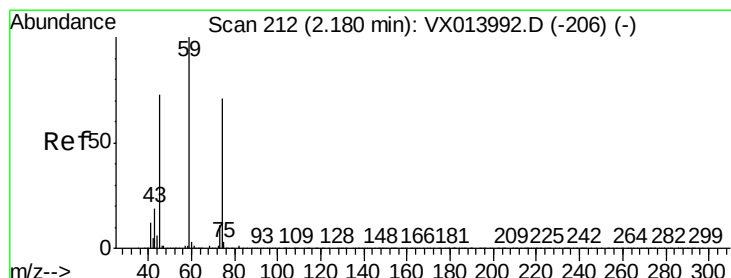
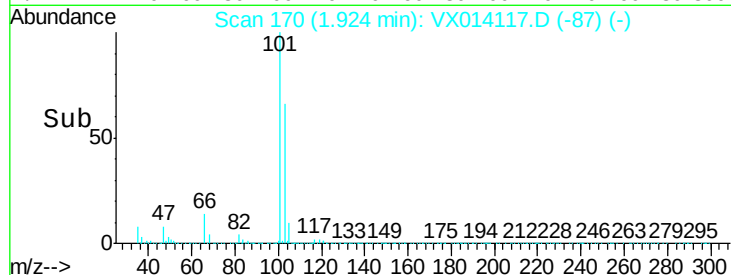
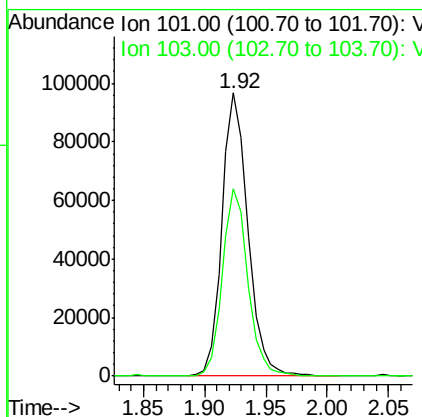
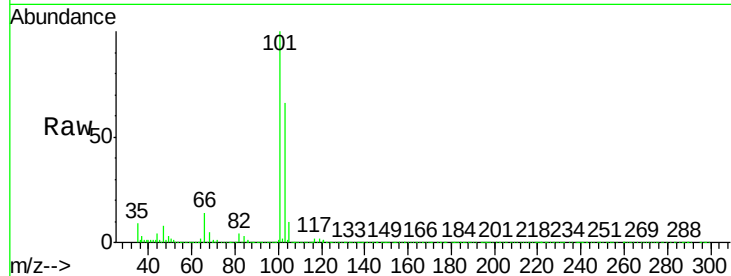
Trichlorofluoromethane
Concen: 18.175 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Instrument :
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ClientSampleId :
VX1219WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	141660		
103	66.2	51.6	77.4	

Manual Integrations
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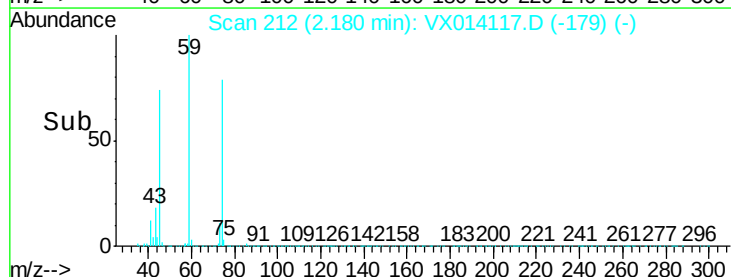
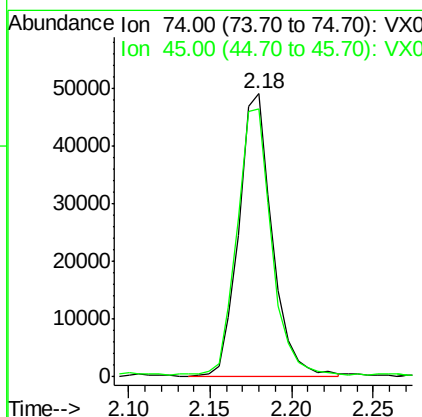
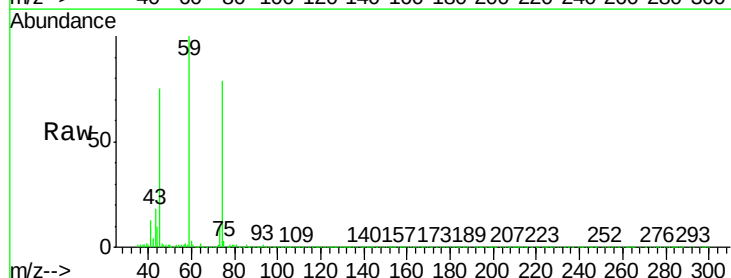
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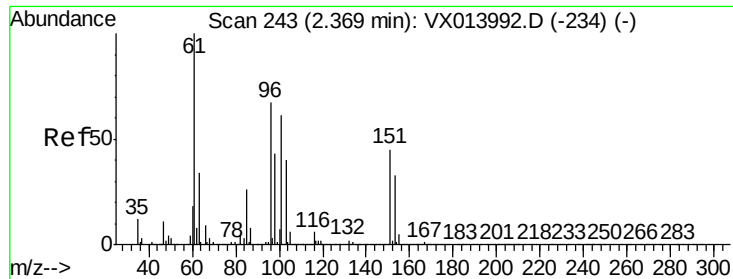


#8

Diethyl Ether
Concen: 19.532 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	69978		
45	97.3	20.6	185.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.549 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Instrument :

MSVOA_X

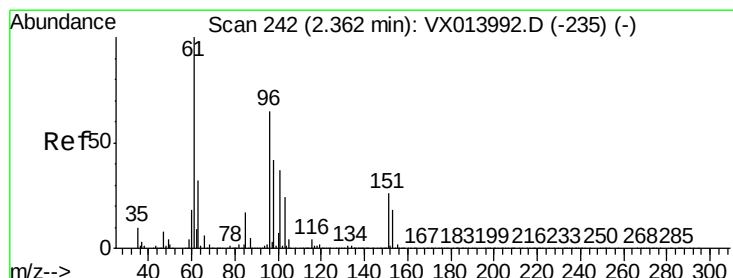
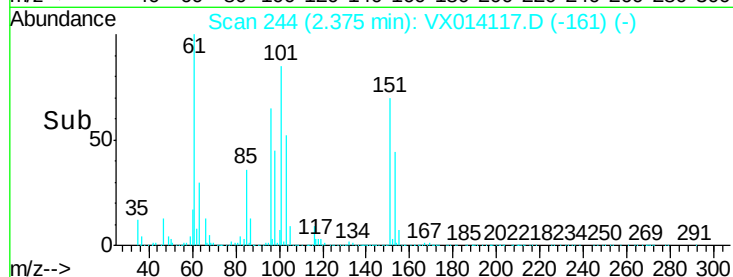
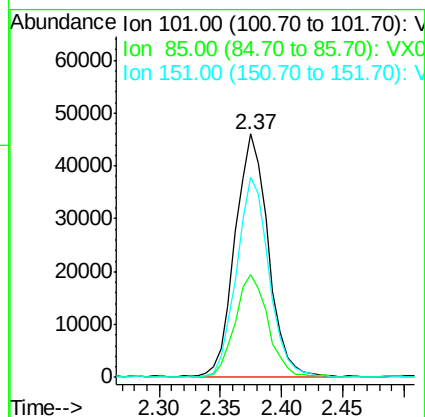
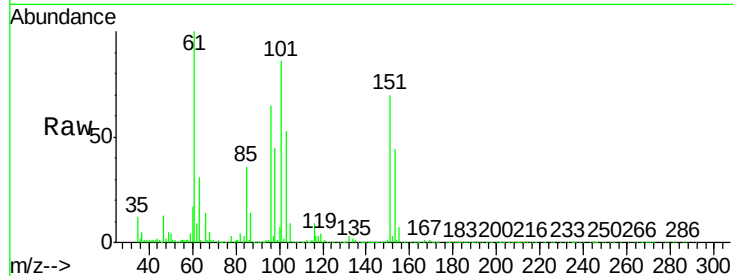
ClientSampleId :

VX1219WBSD02

Tot Ion:	101	Resp:	86226
Ion Ratio	Lower	Upper	
101	100		
85	41.8	0.0	85.6
151	80.9	0.0	159.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 17.956 ug/l

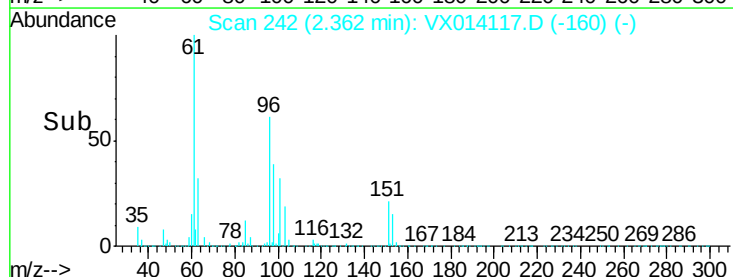
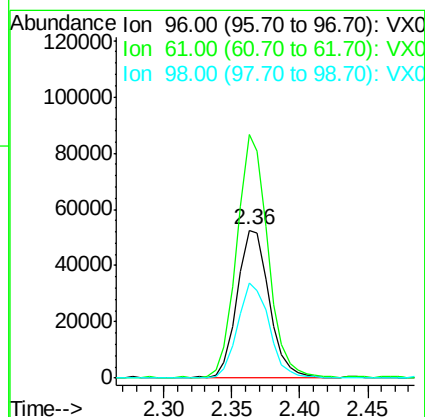
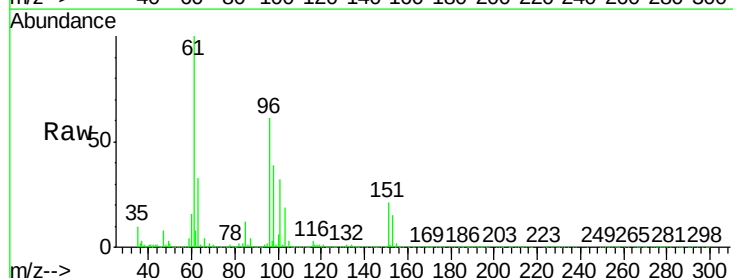
RT: 2.36 min Scan# 242

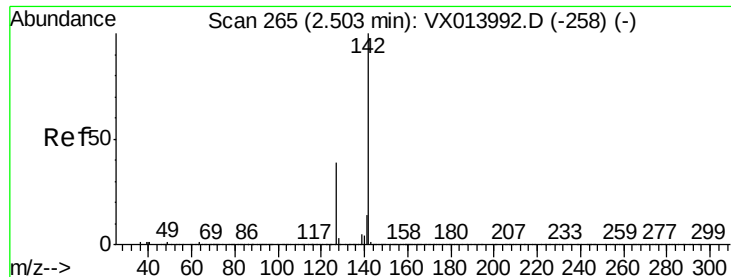
Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Tgt Ion:	96	Resp:	86295
Ion Ratio	Lower	Upper	
96	100		
61	164.2	123.0	184.6
98	64.4	51.4	77.0





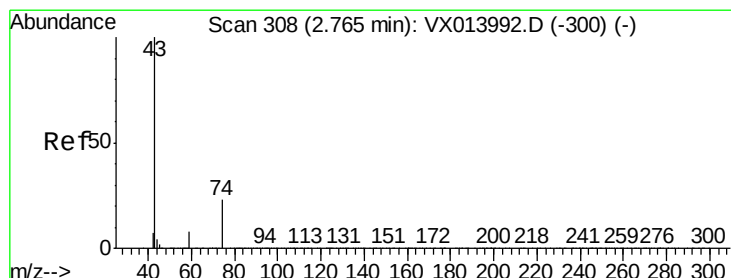
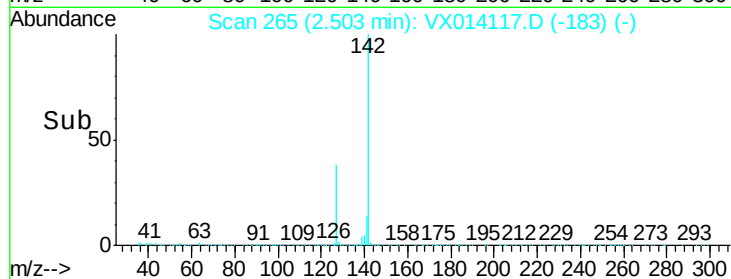
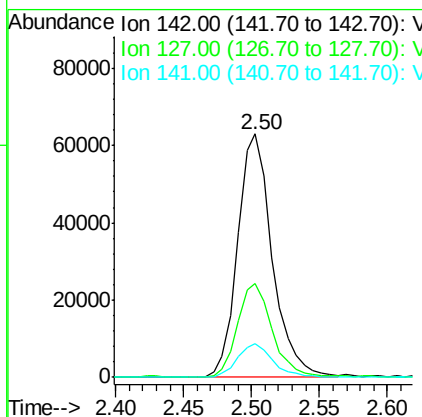
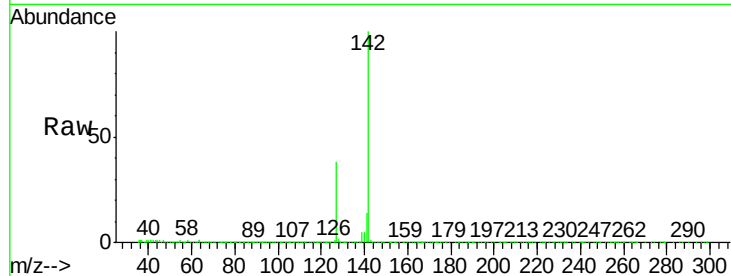
#11
Methvl Iodide
Concen: 18.111 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD02

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.2	19.5	58.5
141	14.0	7.0	20.9

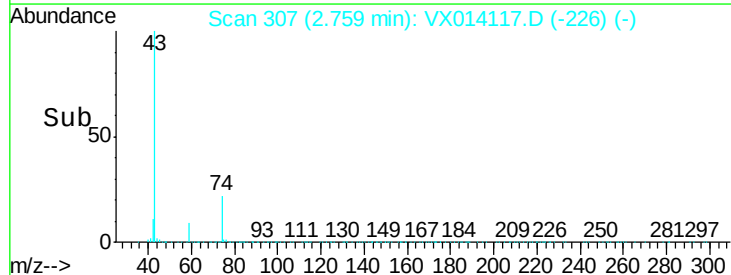
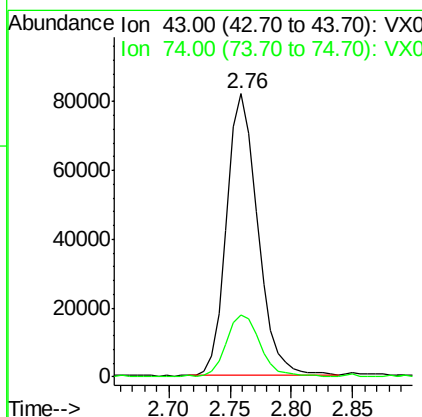
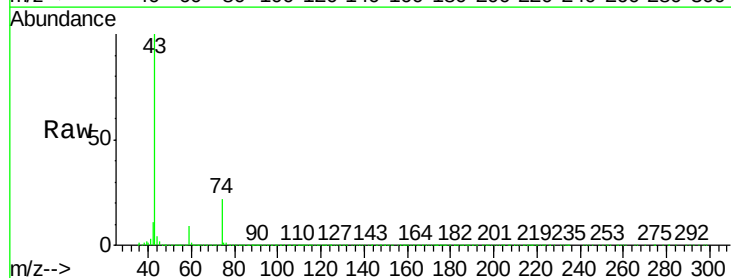
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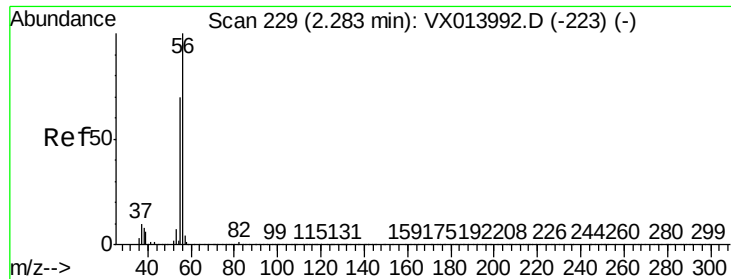
apatel
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#12
Methyl Acetate
Concen: 19.394 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.7	18.5	27.7





#13

Acrolein

Concen: 118.690 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD02

Tot Ion: 56 Resp: 107104

Ion Ratio Lower Upper

56 100

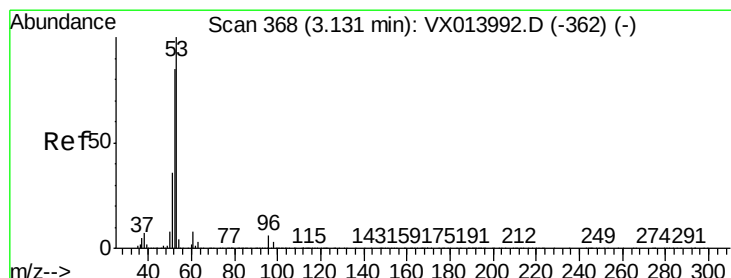
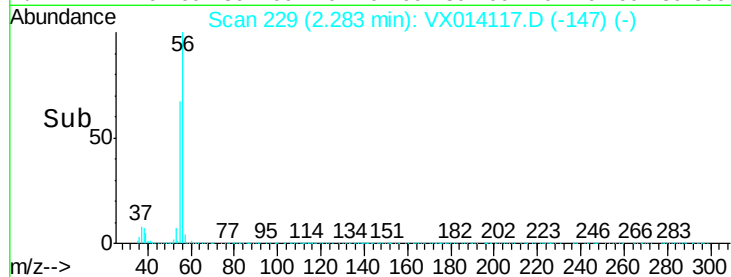
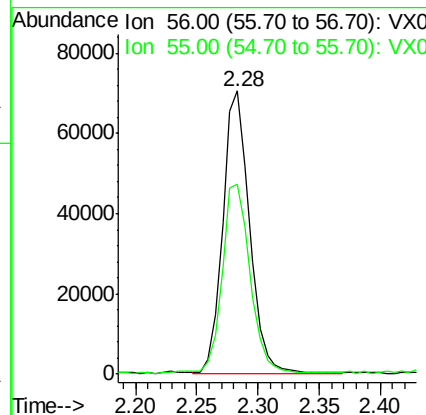
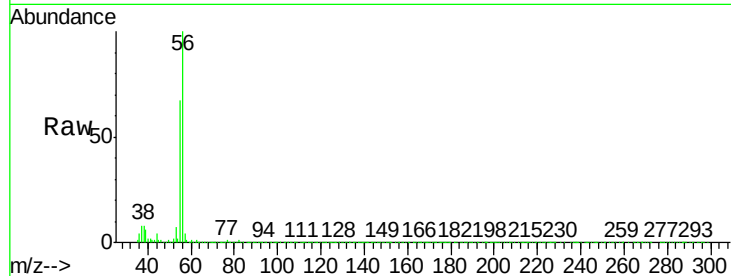
55 69.4 54.9 82.3

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#14

Acrylonitrile

Concen: 101.345 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

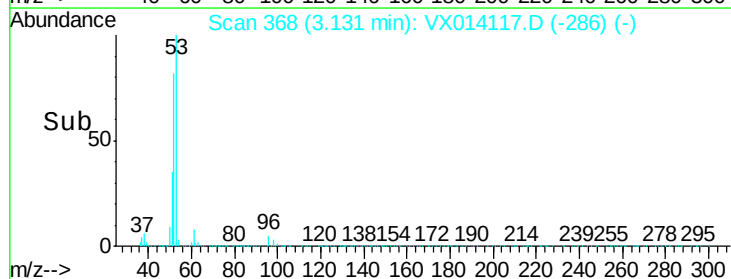
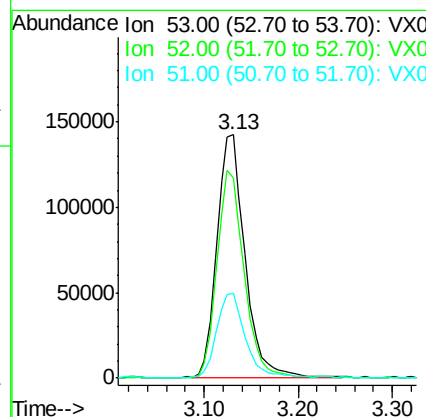
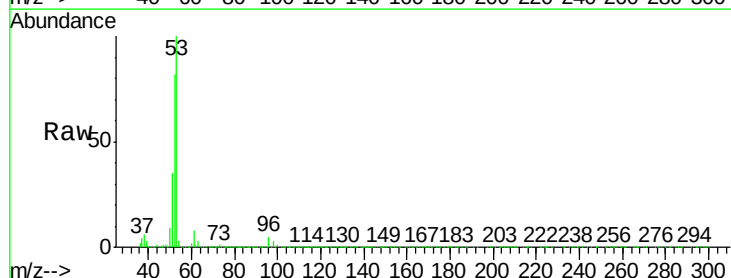
Tgt Ion: 53 Resp: 294766

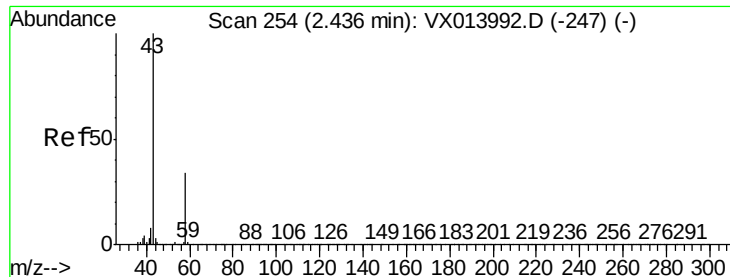
Ion Ratio Lower Upper

53 100

52 82.3 41.5 124.6

51 35.4 17.8 53.5





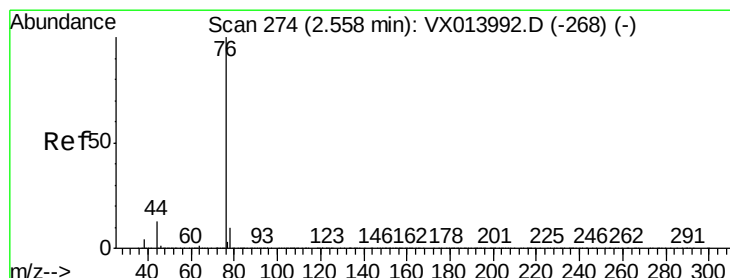
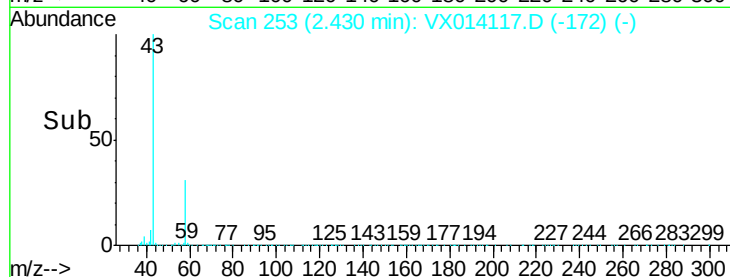
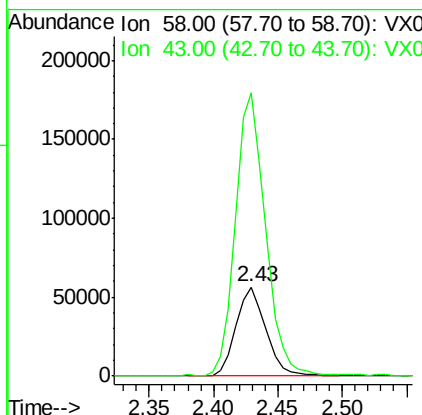
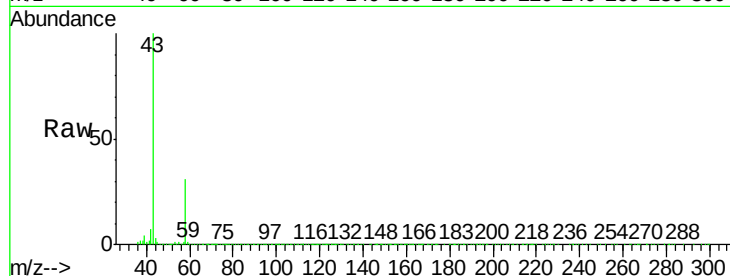
#15
Acetone
Concen: 105.437 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD02

Tot Ion	Ratio	Lower	Upper
58	100		
43	318.3	236.3	354.5

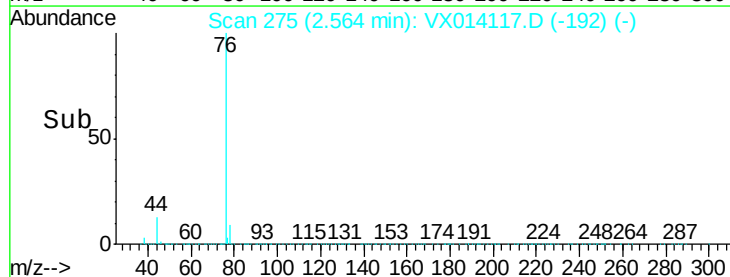
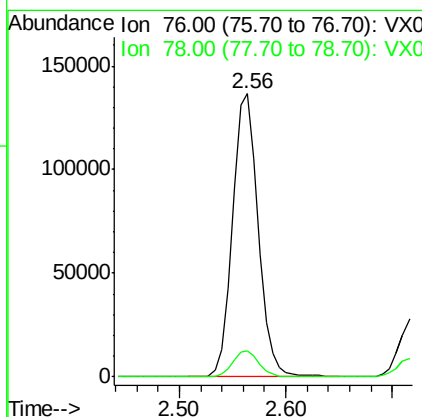
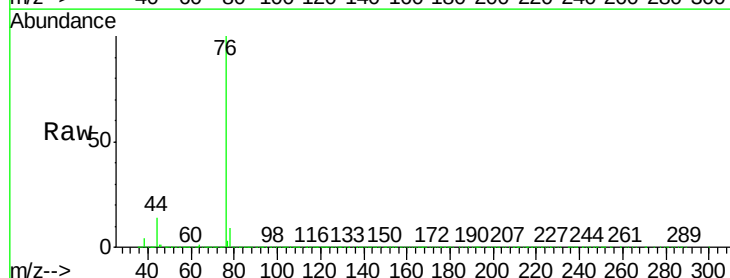
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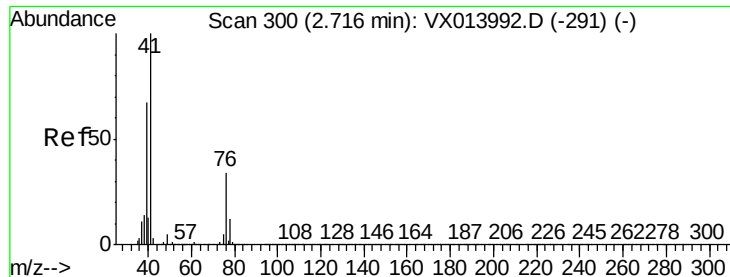
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#16
Carbon Disulfide
Concen: 17.853 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.8	11.8





#17

Allvl chloride

Concen: 18.479 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Instrument :

MSVOA_X

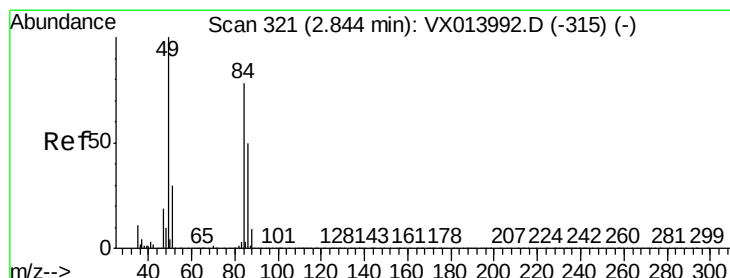
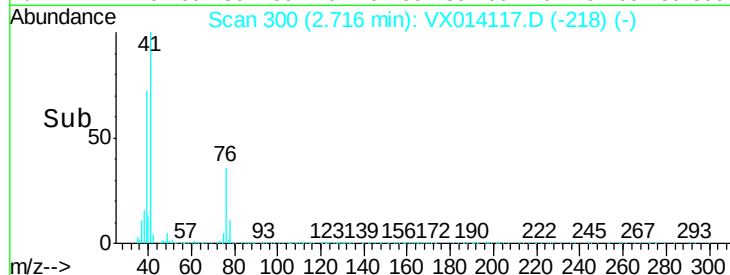
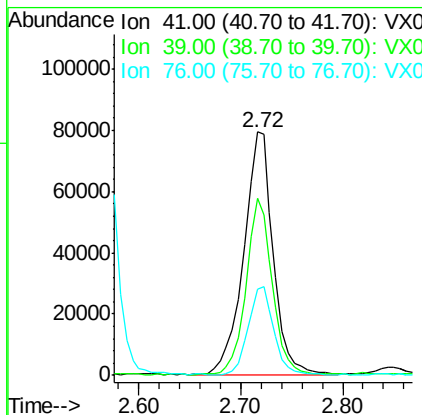
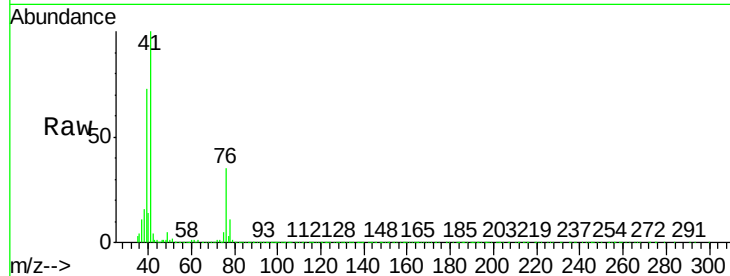
ClientSampleId :

VX1219WBSD02

Tot Ion:	41	Resp:	159583
Ion Ratio	Lower	Upper	
41	100		
39	72.3	33.4	100.2
76	35.1	17.0	50.9

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#18

Methylene Chloride

Concen: 18.209 ug/l

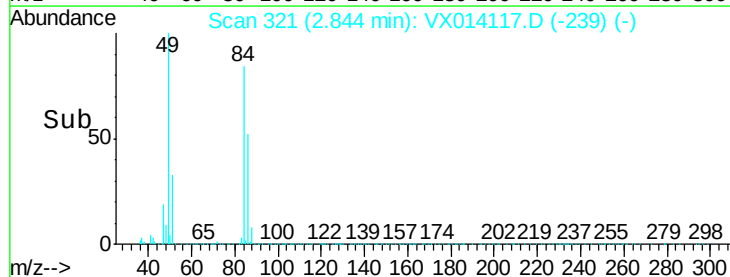
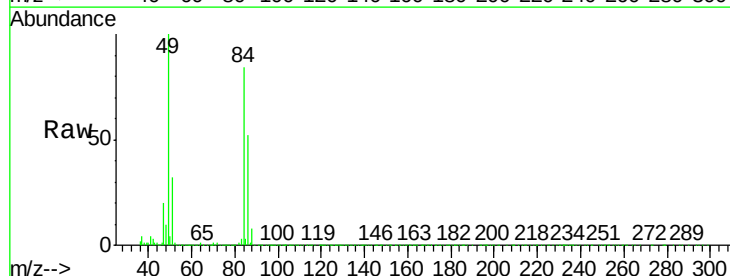
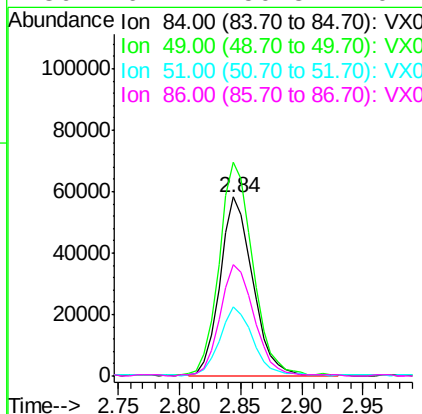
RT: 2.84 min Scan# 321

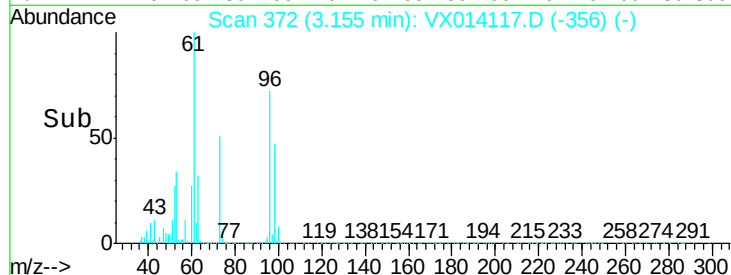
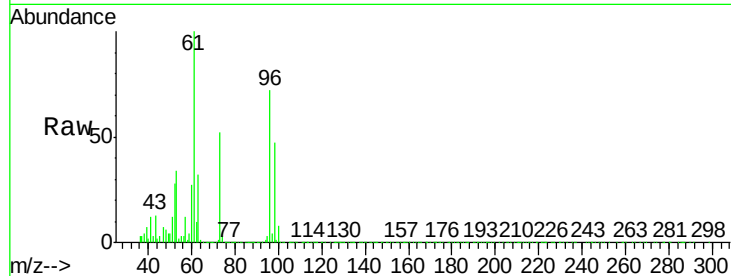
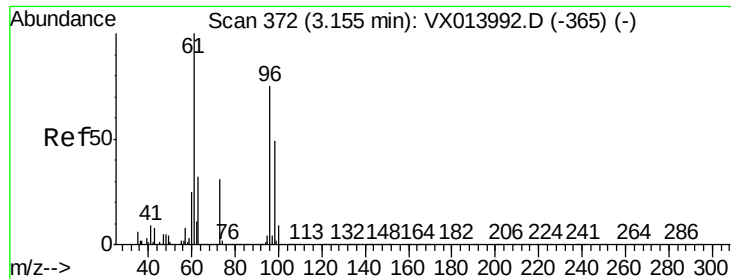
Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Tgt Ion:	84	Resp:	107230
Ion Ratio	Lower	Upper	
84	100		
49	119.3	102.2	153.2
51	38.3	31.4	47.0
86	62.1	50.8	76.2





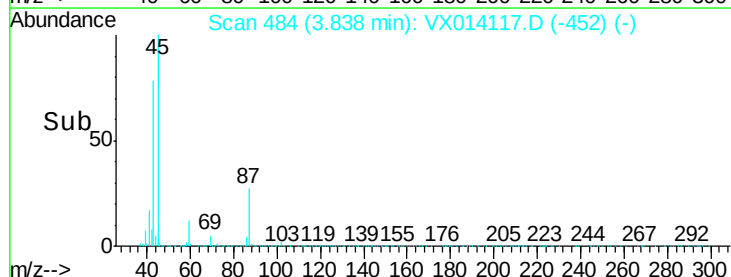
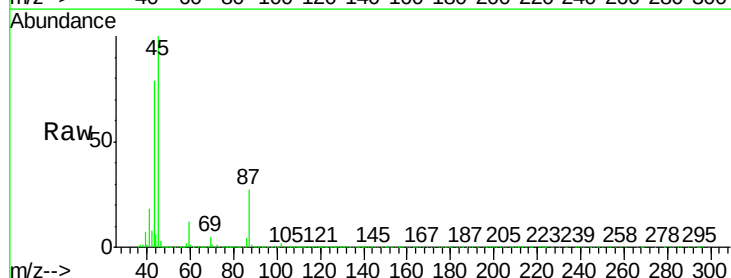
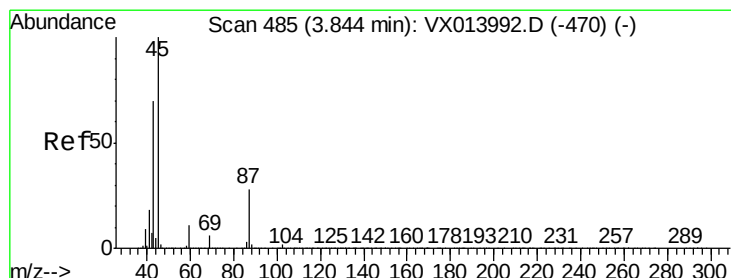
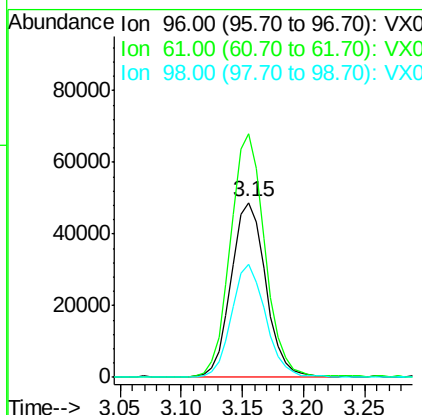
#19
trans-1,2-Dichloroethene
Concen: 18.137 ug/l
RT: 3.15 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.1	106.6	159.8
98	64.8	51.6	77.4

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD02

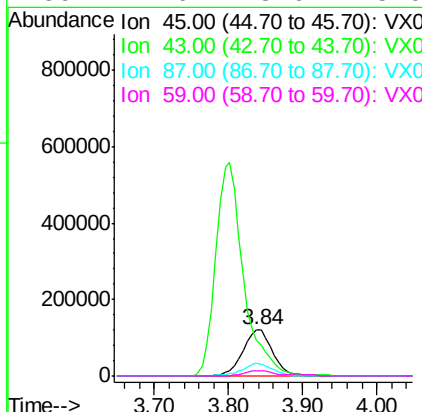
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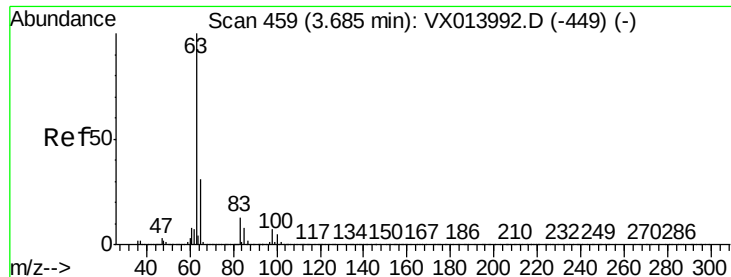
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#20
Diisopropyl ether
Concen: 18.905 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Tgt Ion	Ratio	Lower	Upper
45	100		
43	78.2	55.9	83.9
87	26.5	22.2	33.2
59	11.6	8.6	13.0





#21

1,1-Dichloroethane

Concen: 18.111 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Instrument :

MSVOA_X

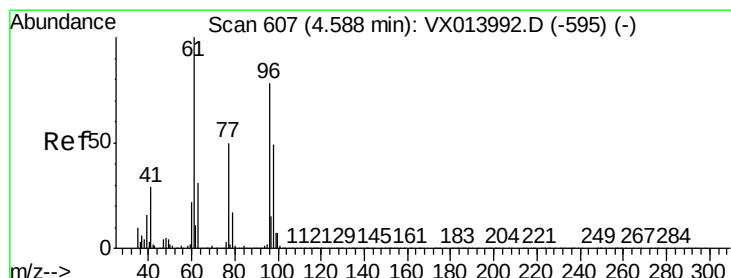
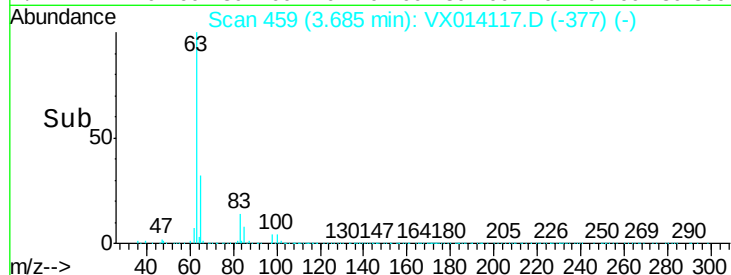
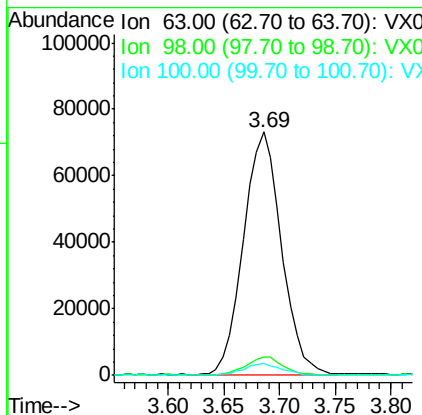
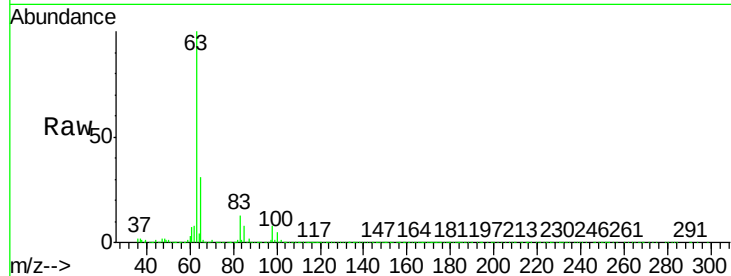
ClientSampleId :

VX1219WBSD02

Tot Ion:	63	Resp:	174183
Ion Ratio		Lower	Upper
63	100		
98	7.4	3.4	10.1
100	5.0	2.5	7.4

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#22

cis-1,2-Dichloroethene

Concen: 18.193 ug/l

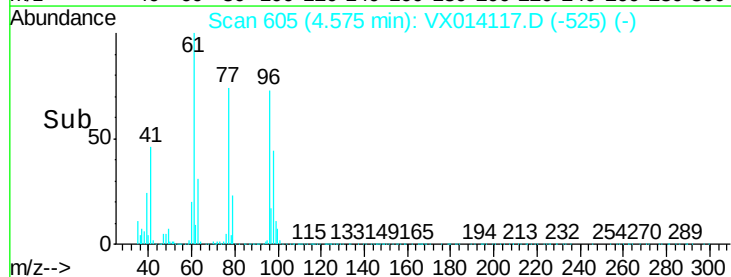
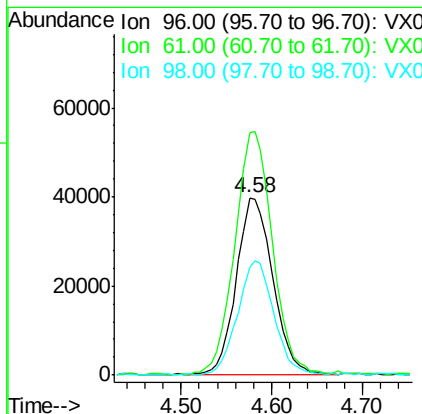
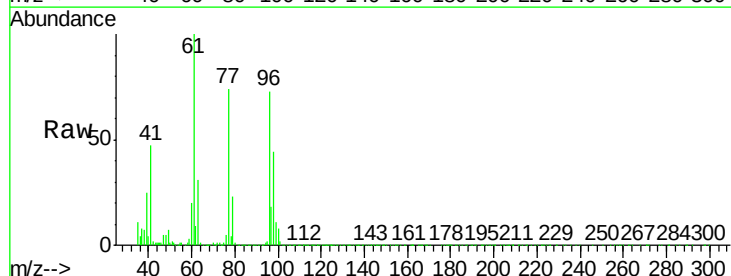
RT: 4.58 min Scan# 605

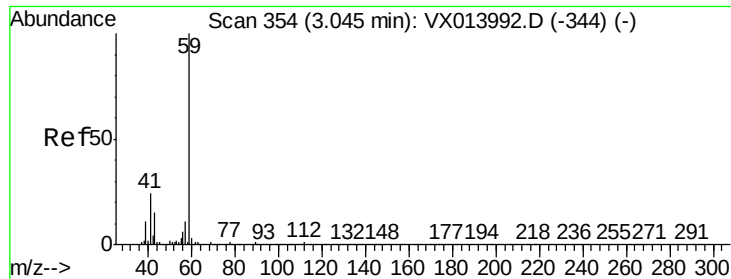
Delta R.T. -0.01 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Tgt Ion:	96	Resp:	110994
Ion Ratio		Lower	Upper
96	100		
61	141.4	112.4	168.6
98	63.6	50.3	75.5





#23

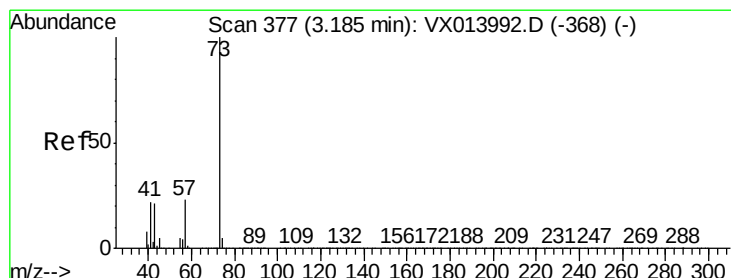
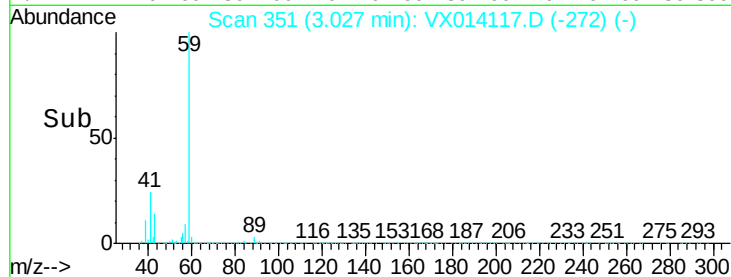
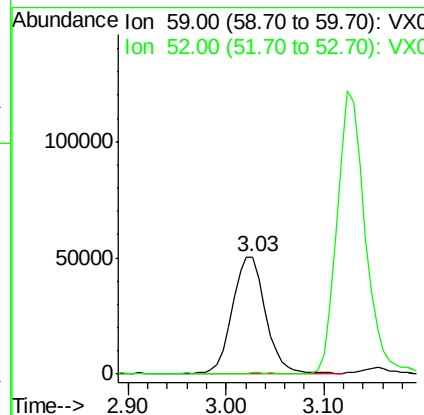
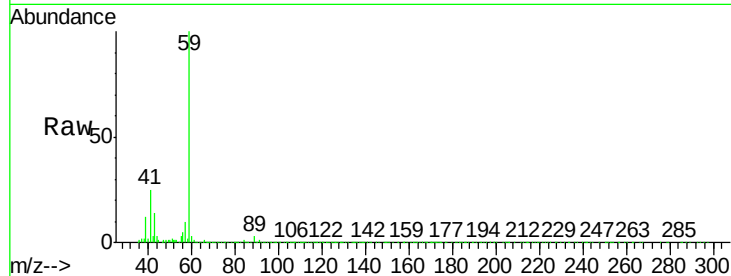
tert-Butyl Alcohol
 Concen: 104.751 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VX014117.D
 Acq: 19 Dec 2019 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.7	0.2	0.2#

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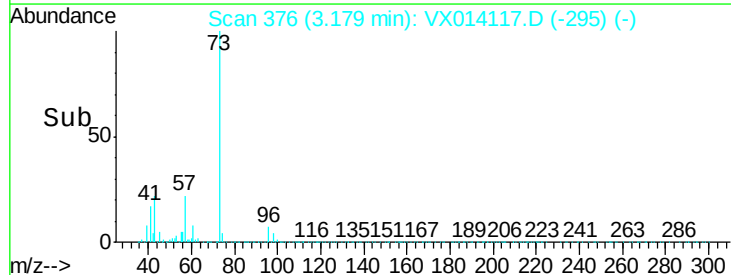
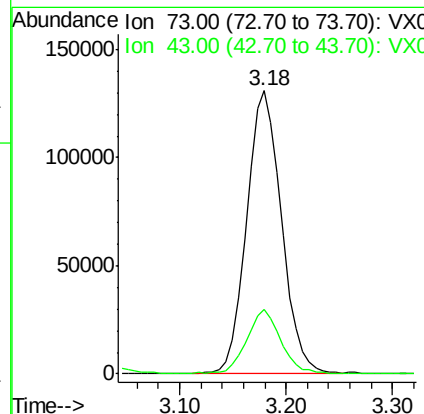
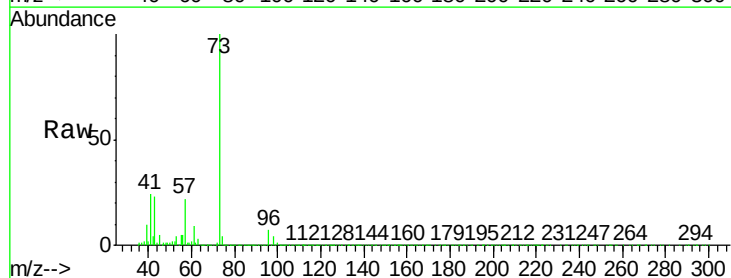
apatel
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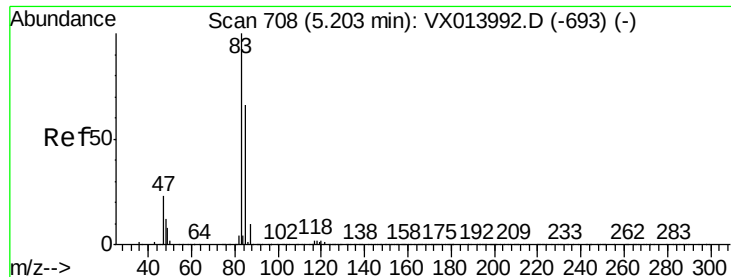


#24

Methyl tert-Butyl Ether
 Concen: 18.479 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014117.D
 Acq: 19 Dec 2019 13:42

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.8	16.6	25.0





#25

Chloroform

Concen: 18.652 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD02

Tot Ion: 83 Resp: 171024

Ion Ratio Lower Upper

83 100

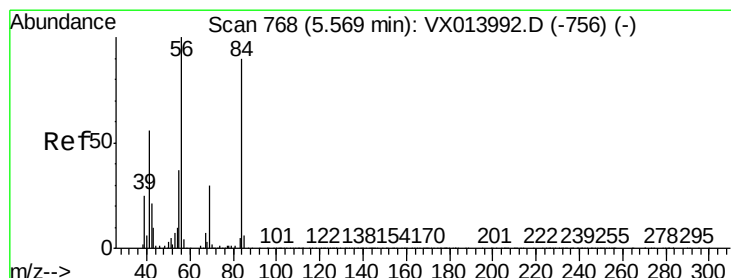
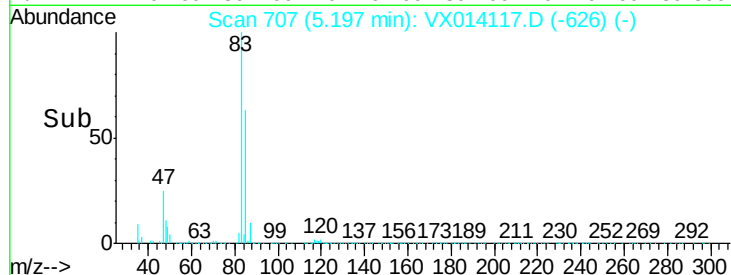
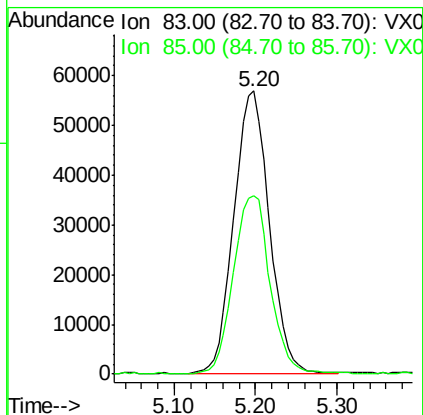
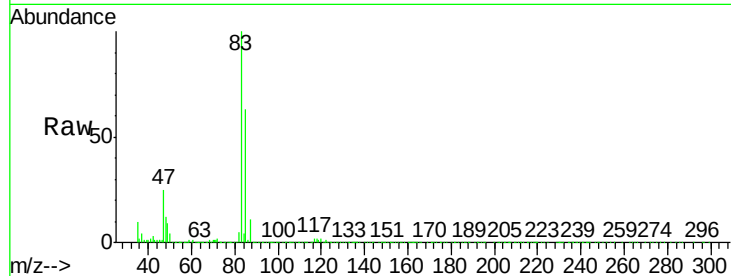
85 62.7 52.7 79.1

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#26

Cyclohexane

Concen: 17.866 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

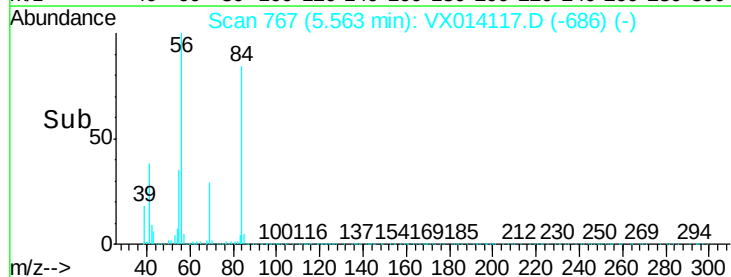
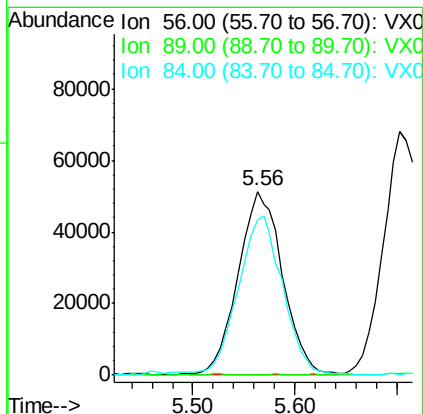
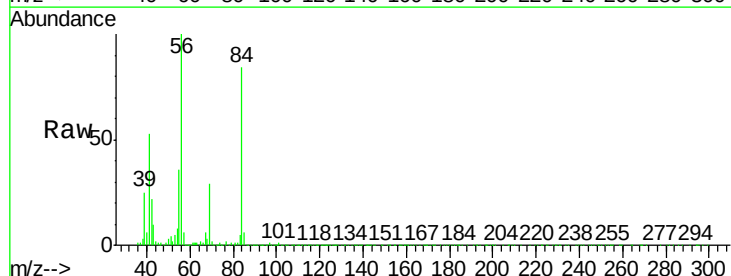
Tgt Ion: 56 Resp: 153211

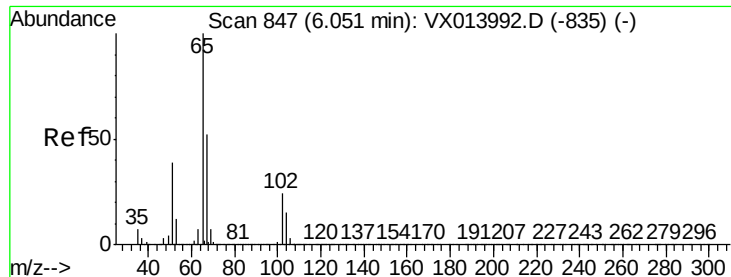
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 87.3 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 29.465 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD02

Tot Ion: 65 Resp: 181109

Ion Ratio Lower Upper

65 100

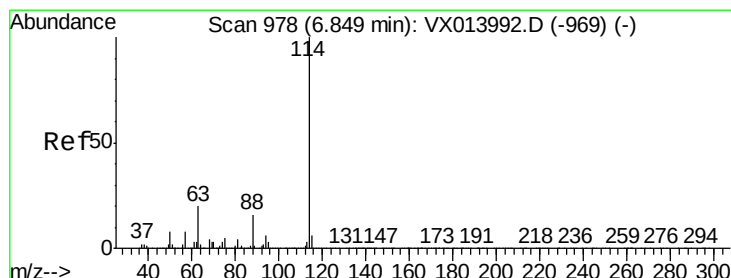
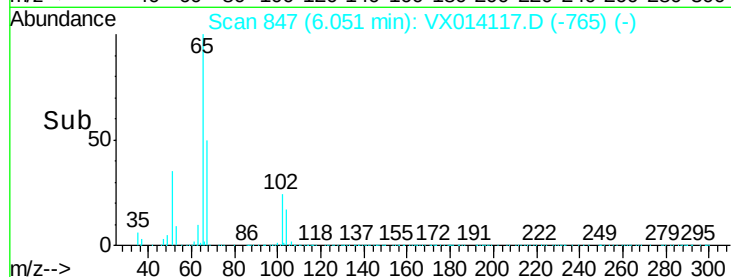
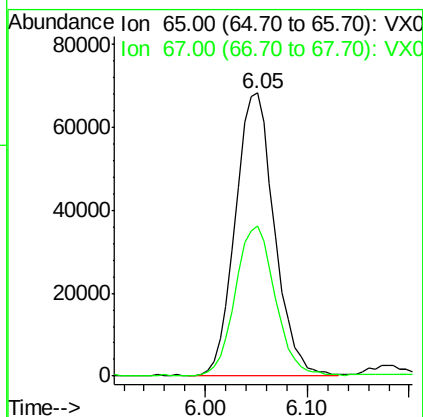
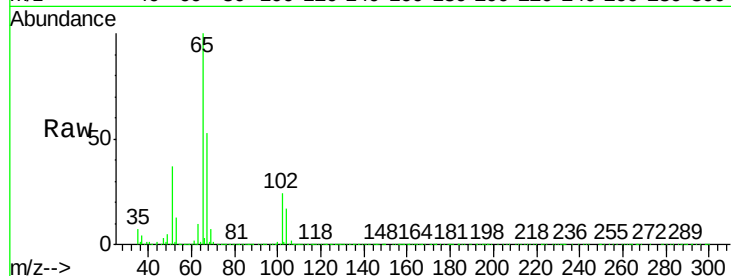
67 54.0 43.1 64.7

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

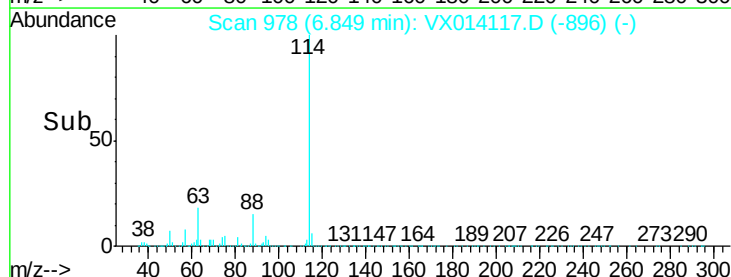
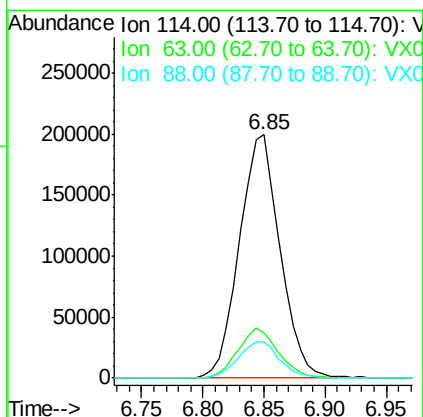
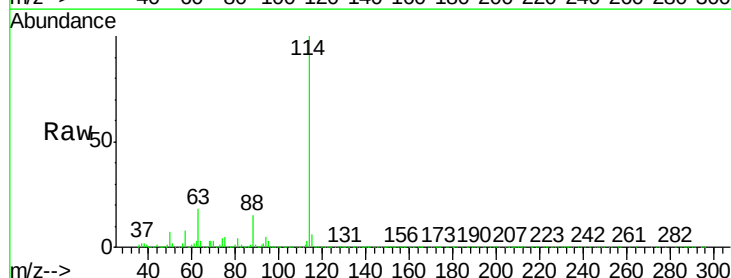
Tgt Ion: 114 Resp: 459218

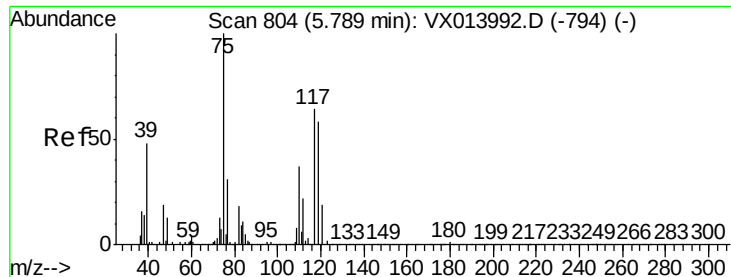
Ion Ratio Lower Upper

114 100

63 20.4 16.1 24.1

88 15.4 12.5 18.7





#29

1,1-Dichloropropene

Concen: 19.159 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Instrument :

MSVOA_X

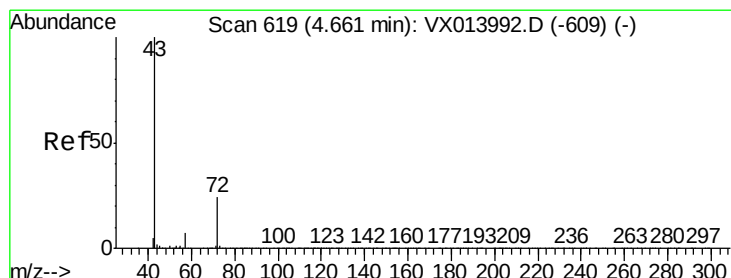
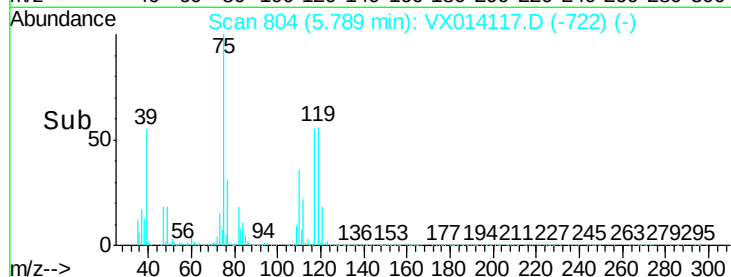
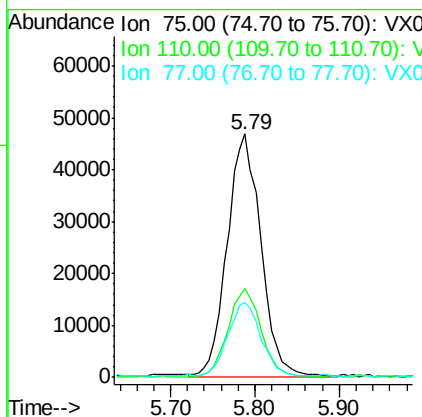
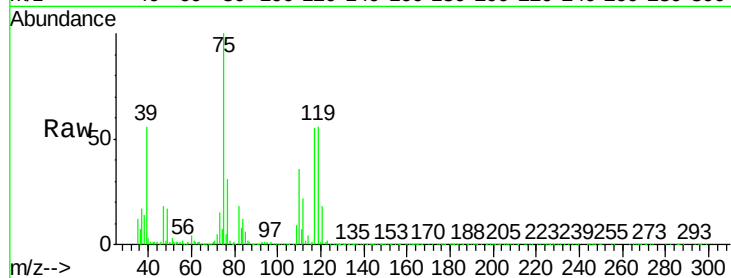
ClientSampleId :

VX1219WBSD02

Tot Ion:	75	Resp:	127086
Ion Ratio	Lower	Upper	
75	100		
110	35.0	0.0	73.8
77	29.8	0.0	62.4

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#30

2-Butanone

Concen: 107.406 ug/l

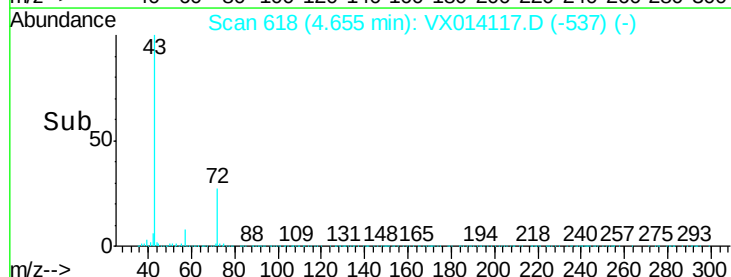
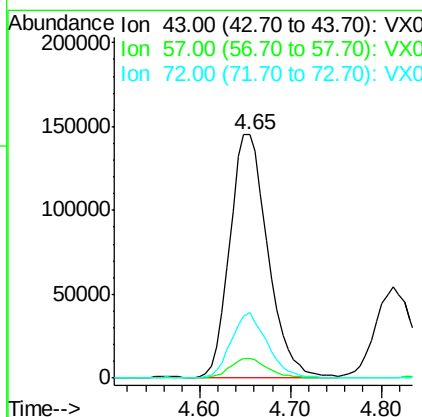
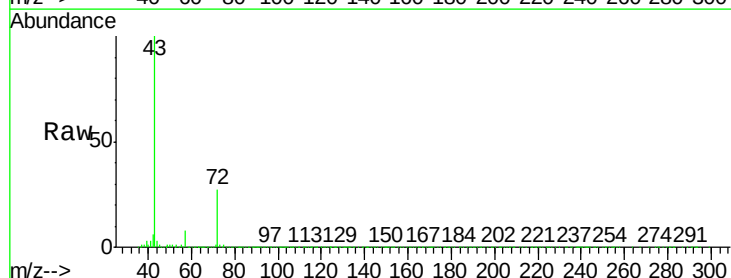
RT: 4.65 min Scan# 618

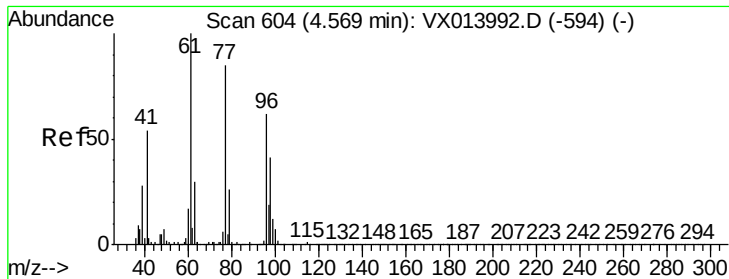
Delta R.T. -0.01 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Tgt Ion:	43	Resp:	419937
Ion Ratio	Lower	Upper	
43	100		
57	7.7	6.2	9.2
72	25.3	20.3	30.5





#31

2,2-Dichloropropane

Concen: 20.982 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD02

Tot Ion: 77 Resp: 128743

Ion Ratio Lower Upper

77 100

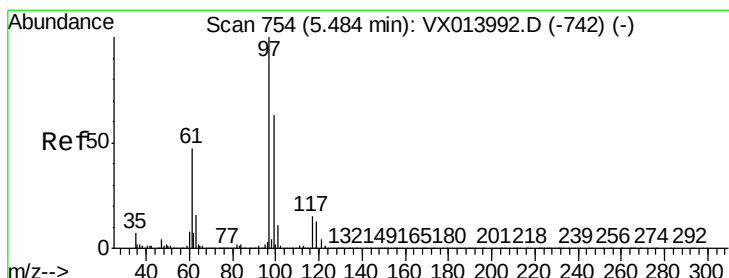
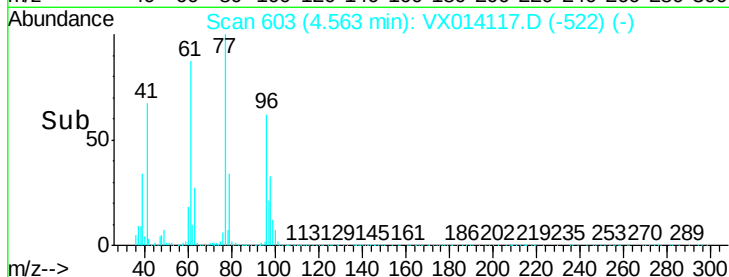
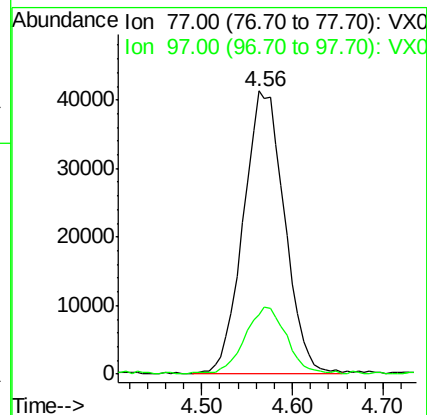
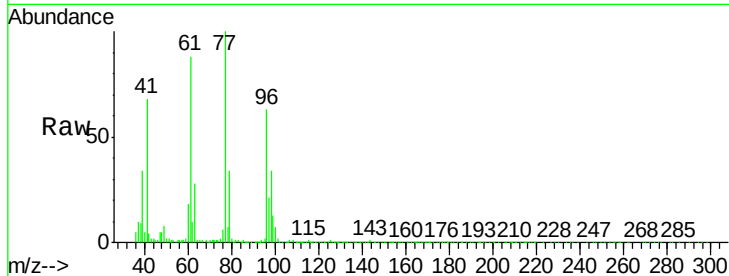
97 22.9 19.7 29.5

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#32

1,1,1-Trichloroethane

Concen: 18.527 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

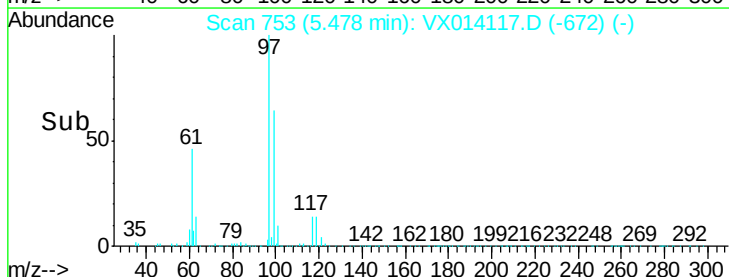
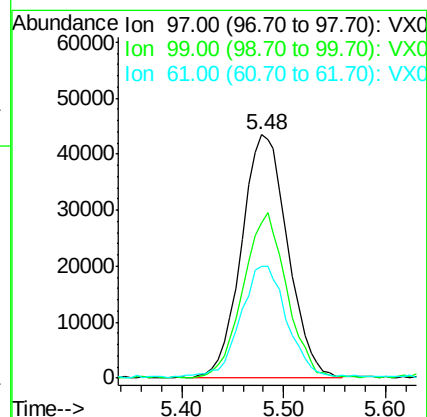
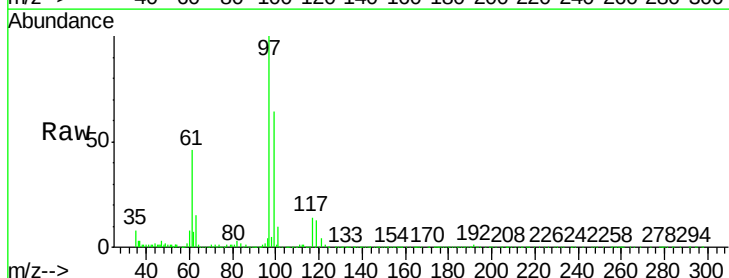
Tgt Ion: 97 Resp: 135934

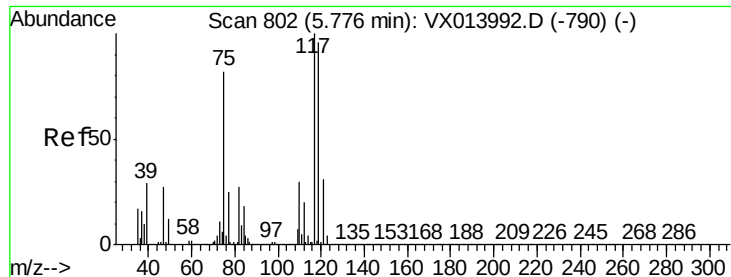
Ion Ratio Lower Upper

97 100

99 63.5 51.9 77.9

61 45.6 36.8 55.2





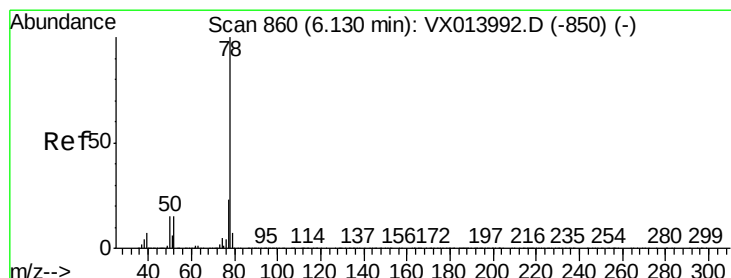
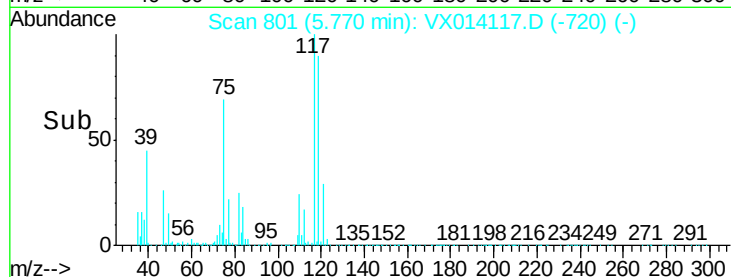
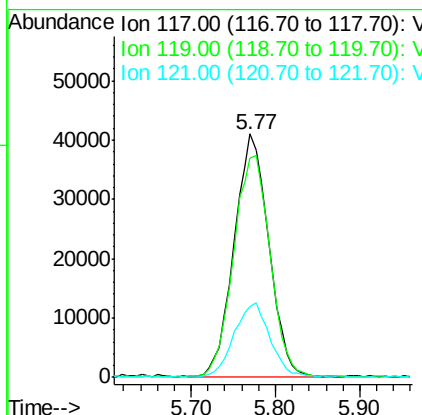
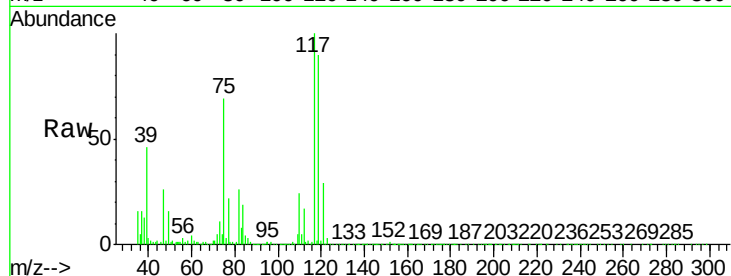
#33
Carbon Tetrachloride
Concen: 18.197 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
119	90.0	77.2	115.8
121	29.0	24.8	37.2

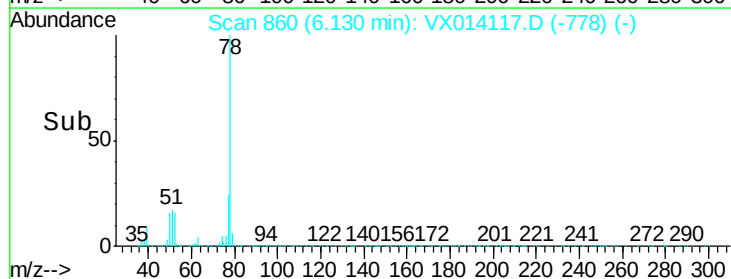
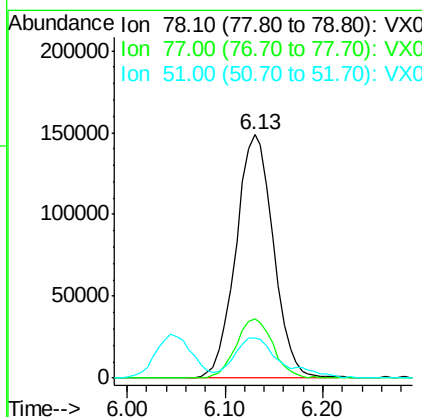
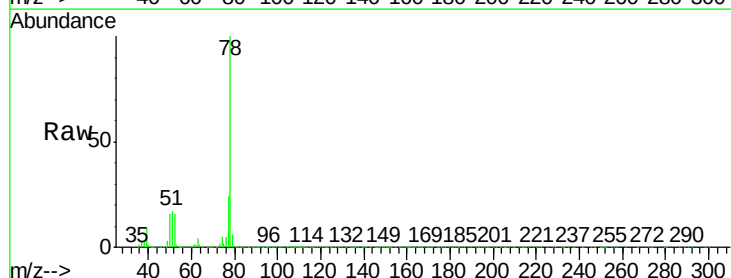
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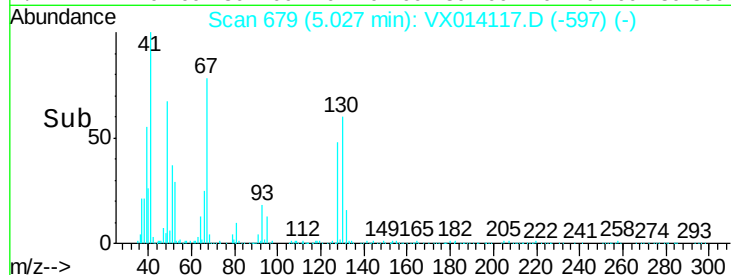
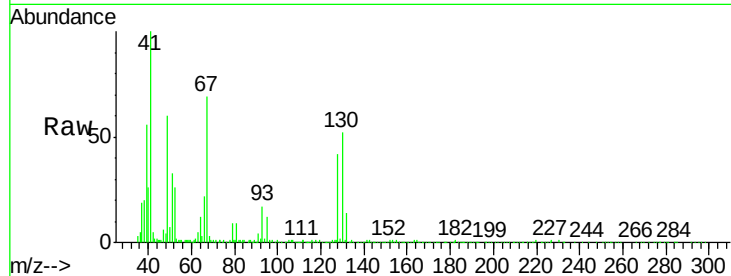
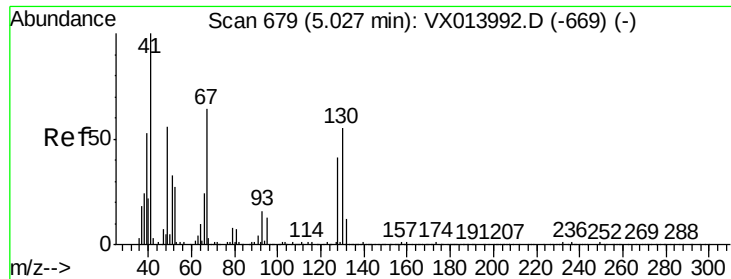
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#34
Benzene
Concen: 19.058 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

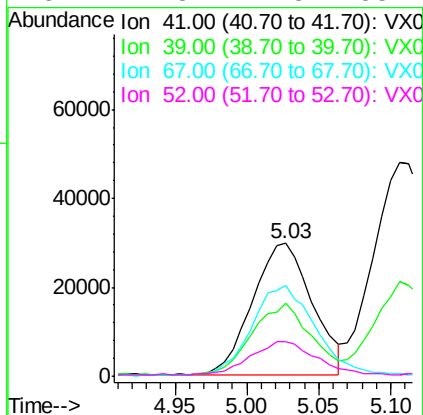
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.2	27.2
51	16.0	12.4	18.6





#35
Methacrylonitrile
Concen: 20.251 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

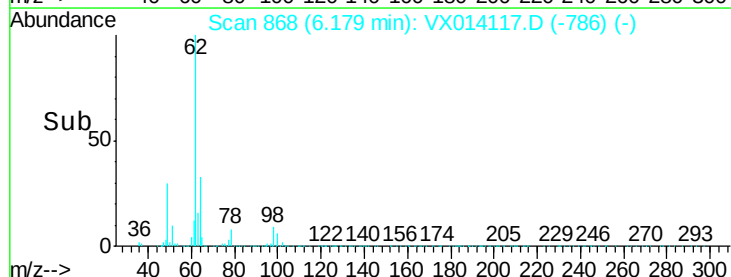
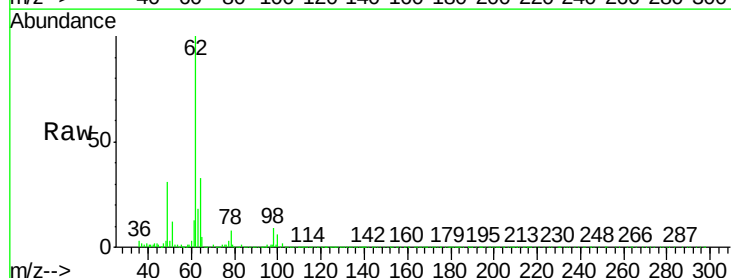
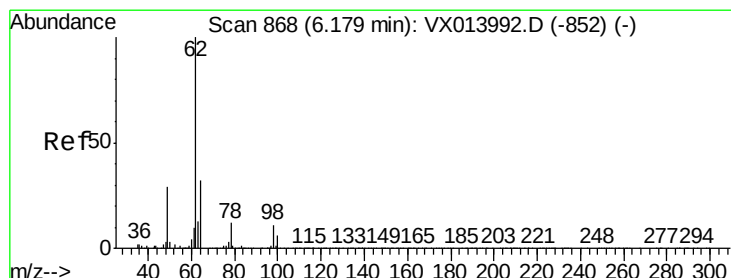
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		85158		
39	55.3	26.7	80.1		
67	68.7	31.5	94.5		
52	24.8	12.8	38.4		



Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD02

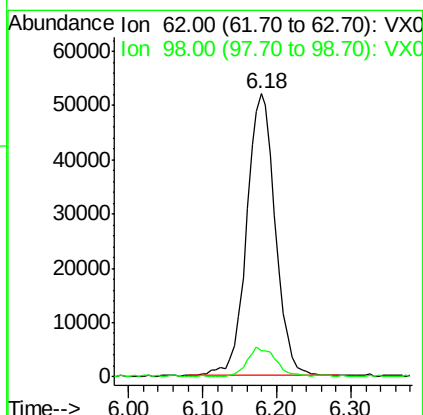
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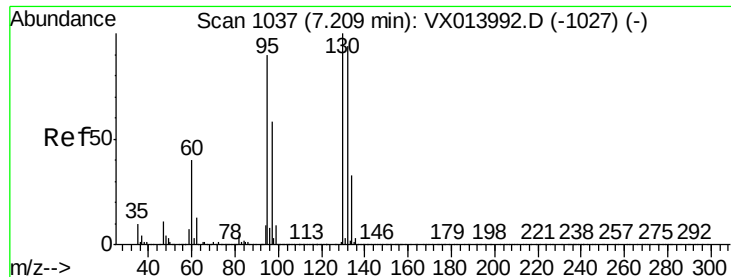
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#36
1,2-Dichloroethane
Concen: 19.455 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		139781		
98	10.4	8.4	12.6		





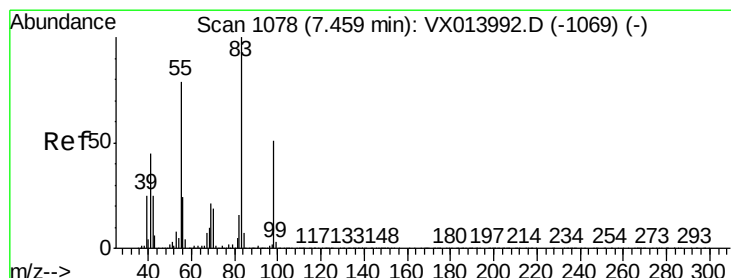
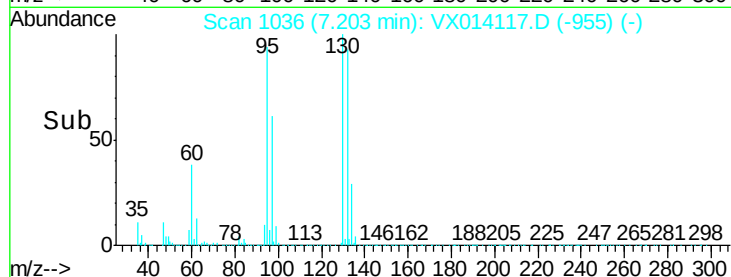
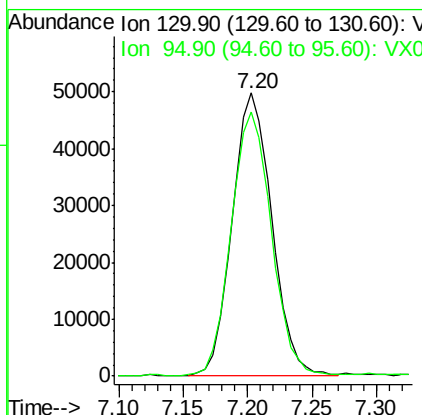
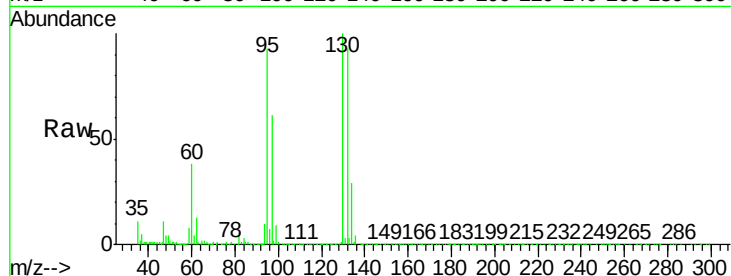
#37
 Trichloroethene
 Concen: 18.827 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014117.D
 Acq: 19 Dec 2019 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
130	100	105956		
95	93.2	71.7	107.5	

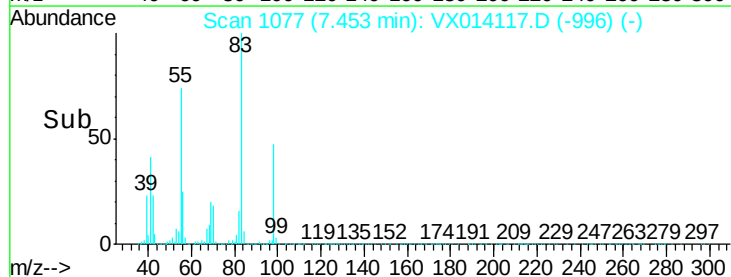
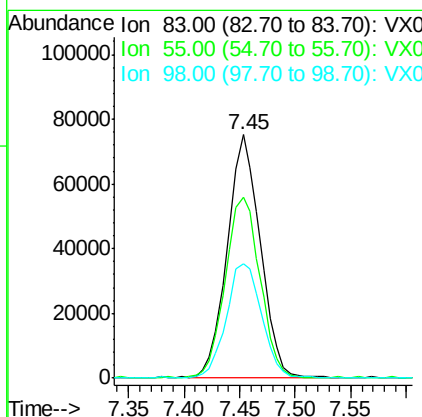
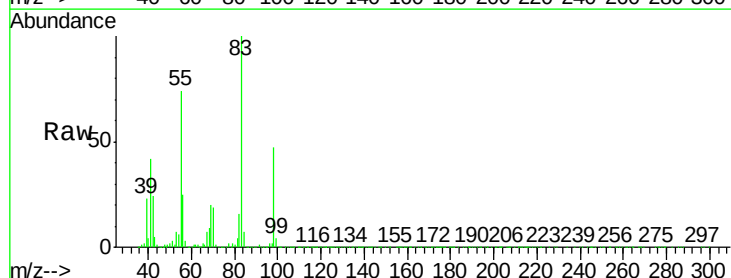
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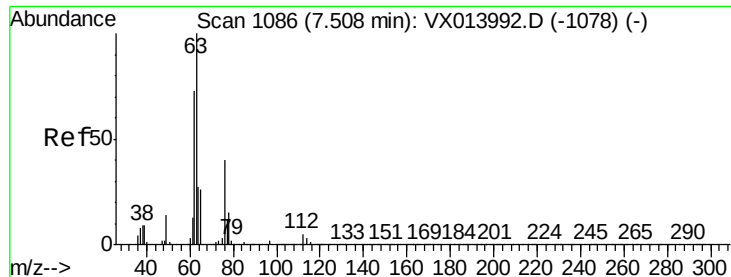
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#38
 Methylcyclohexane
 Concen: 19.444 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX014117.D
 Acq: 19 Dec 2019 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	153852		
55	78.1	39.4	118.1	
98	50.9	25.1	75.3	





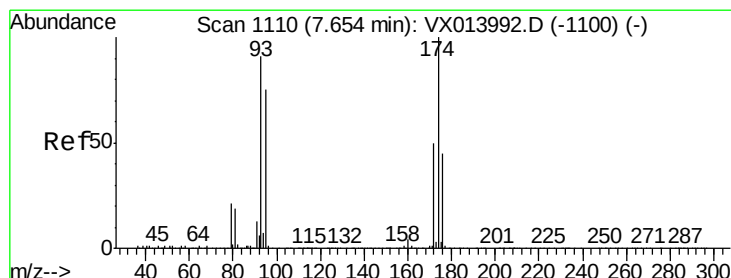
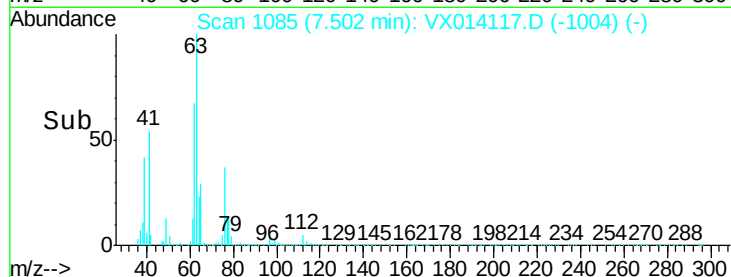
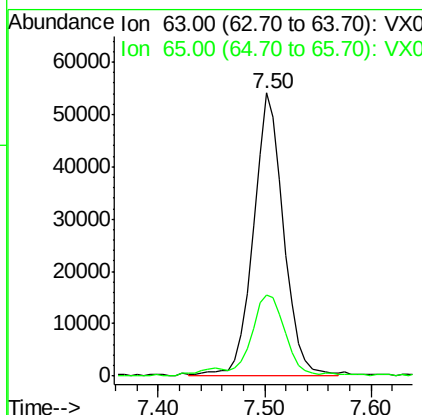
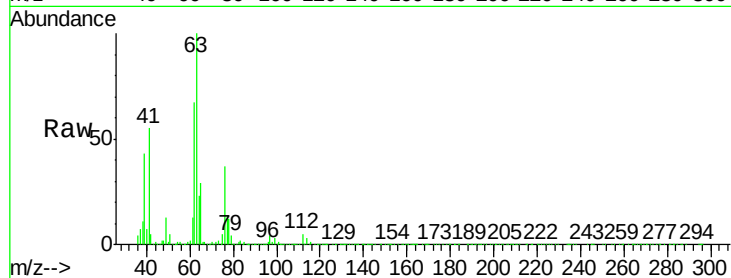
#39
 1,2-Dichloropropane
 Concen: 19.862 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014117.D
 Acq: 19 Dec 2019 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.3	22.1	33.1

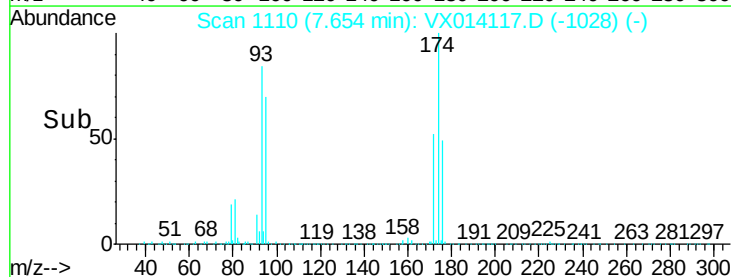
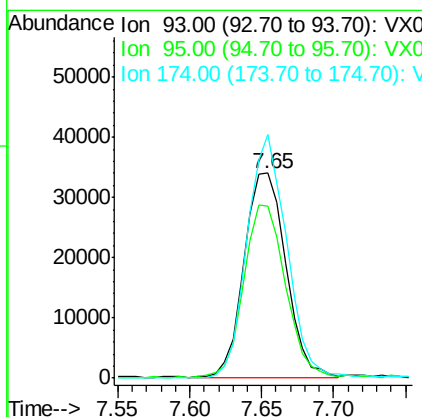
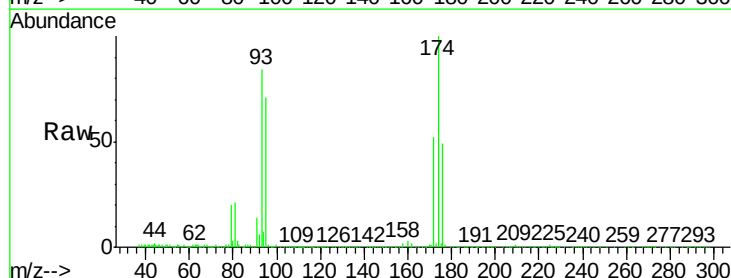
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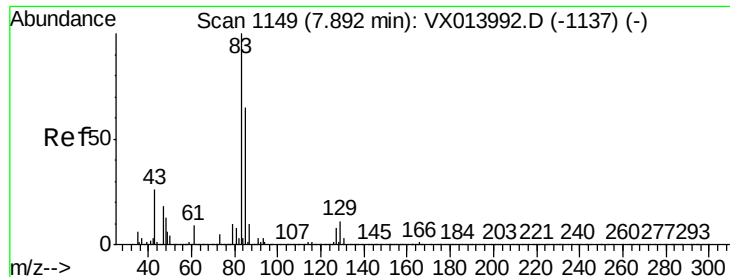
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#40
 Dibromomethane
 Concen: 19.879 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014117.D
 Acq: 19 Dec 2019 13:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	0.0	164.4
174	112.2	0.0	228.8





#41

Bromodichloromethane

Concen: 19.459 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Instrument :

MSVOA_X

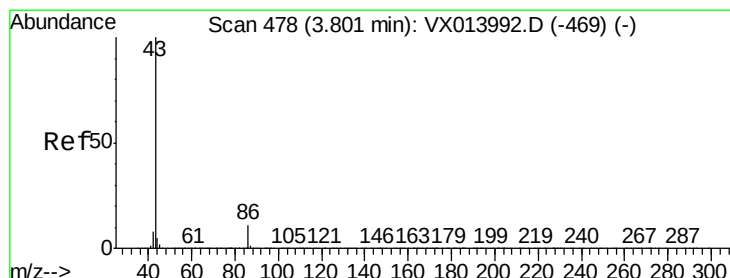
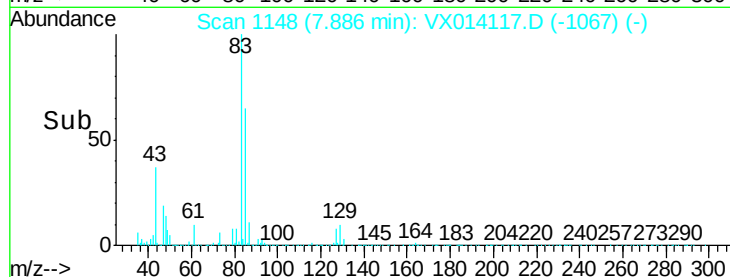
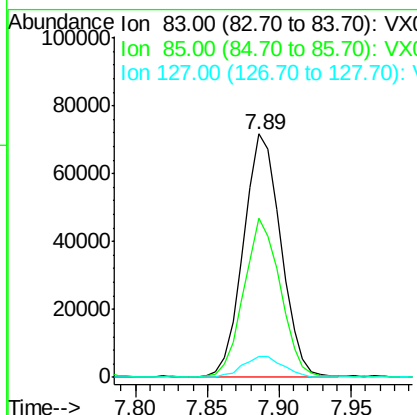
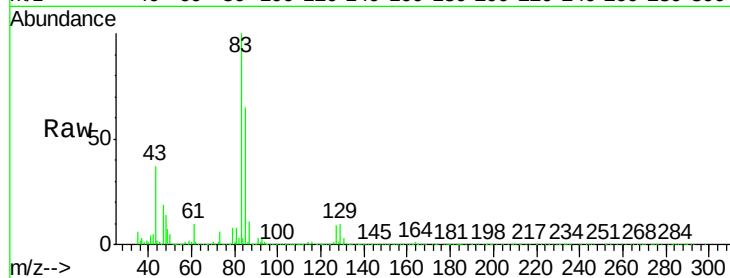
ClientSampleId :

VX1219WBSD02

Tot Ion	83	Resp	129302
Ion Ratio	Lower	Upper	
83	100		
85	65.2	51.6	77.4
127	8.5	6.0	9.0

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#42

Vinyl Acetate

Concen: 104.865 ug/l

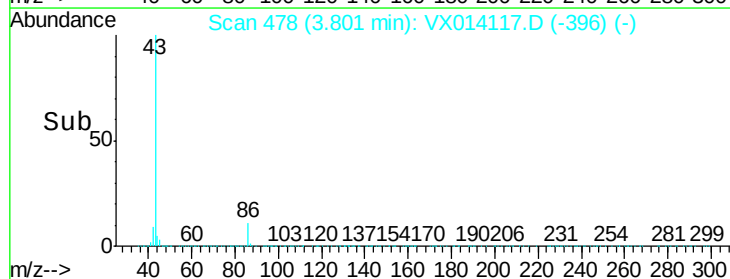
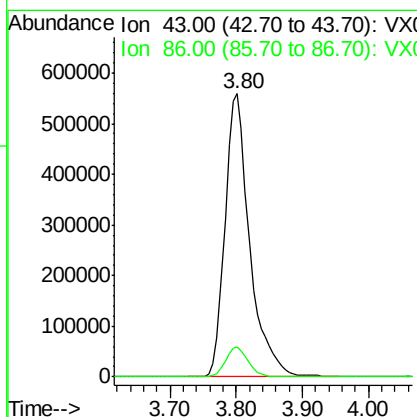
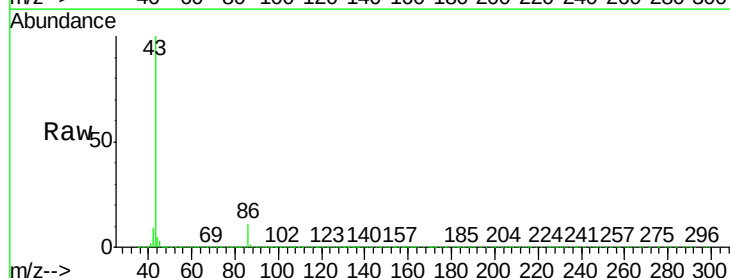
RT: 3.80 min Scan# 478

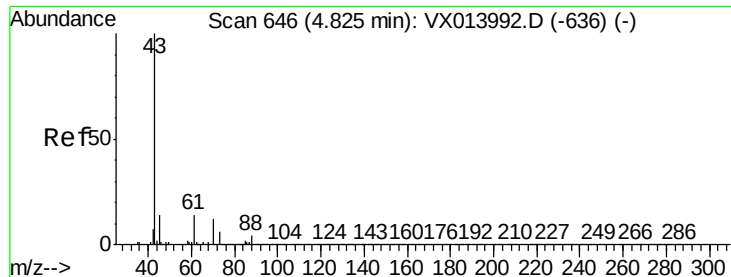
Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Tgt Ion	43	Resp	1447542
Ion Ratio	Lower	Upper	
43	100		
86	9.4	7.7	11.5





#43

Ethyl Acetate

Concen: 21.504 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.01 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD02

Tot Ion: 43 Resp: 161332

Ion Ratio Lower Upper

43 100

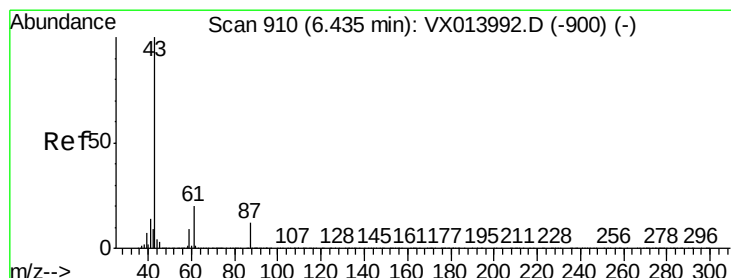
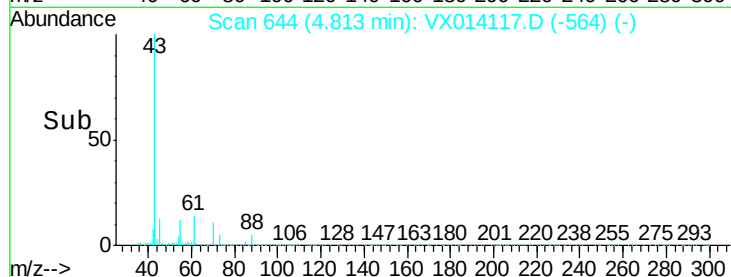
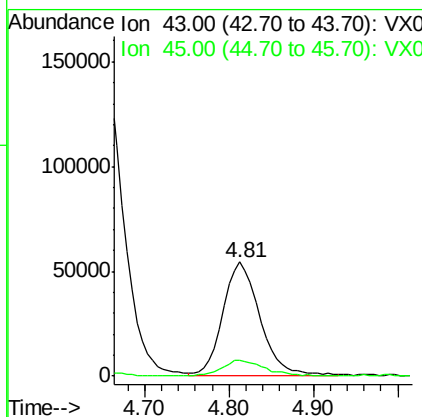
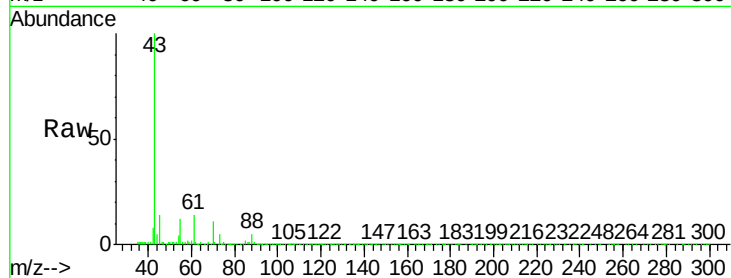
45 16.0 11.8 17.8

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#44

Isopropyl Acetate

Concen: 19.985 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014117.D

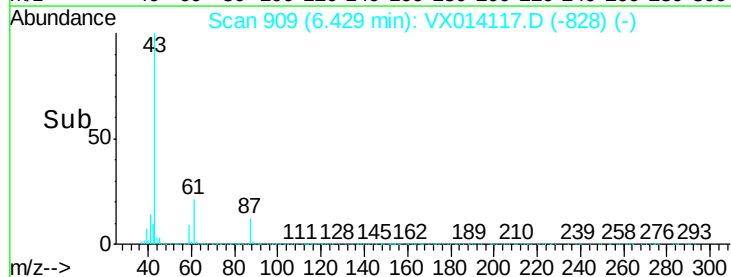
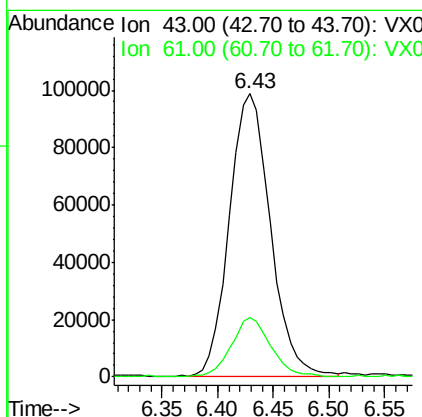
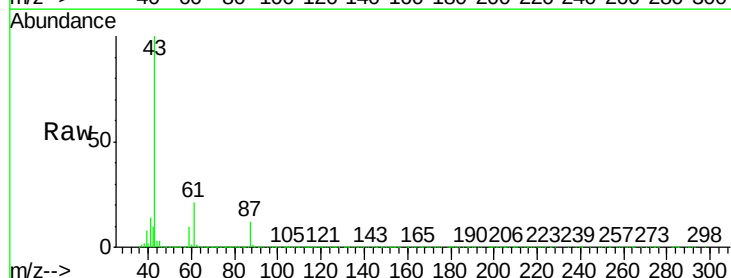
Acq: 19 Dec 2019 13:42

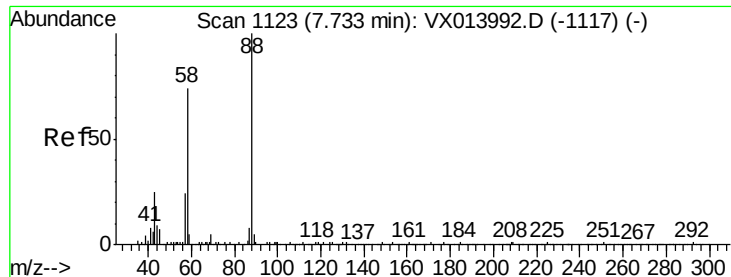
Tgt Ion: 43 Resp: 251121

Ion Ratio Lower Upper

43 100

61 19.8 15.9 23.9





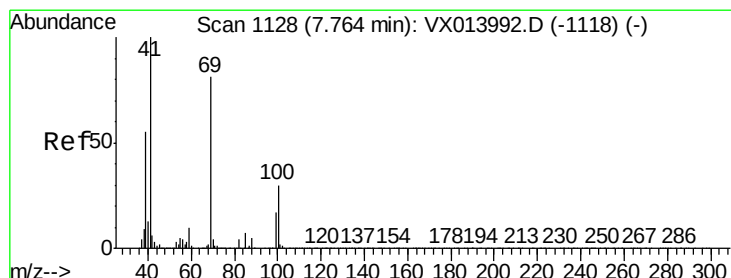
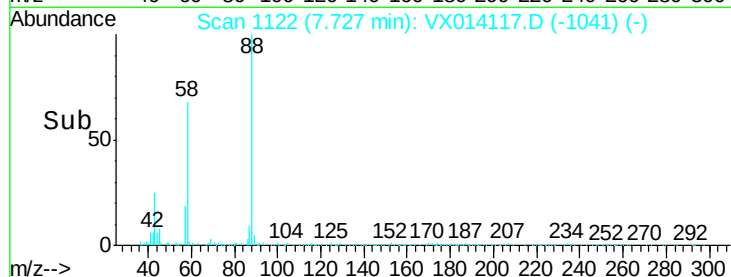
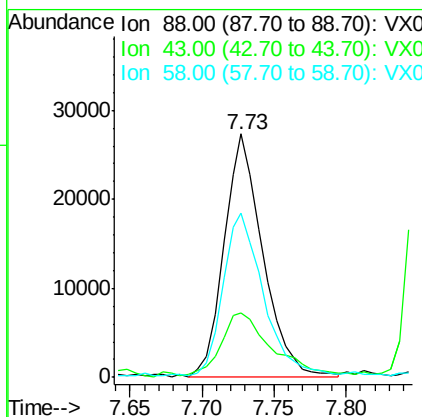
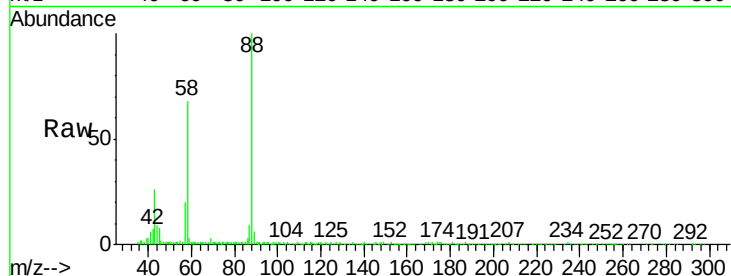
#45
 1,4-Dioxane
 Concen: 433.084 ug/l
 RT: 7.73 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: VX014117.D
 Acq: 19 Dec 2019 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBSD02

Tot Ion:	88	Resp:	50960
Ion	Ratio	Lower	Upper
88	100		
43	33.2	25.4	38.2
58	69.7	56.5	84.7

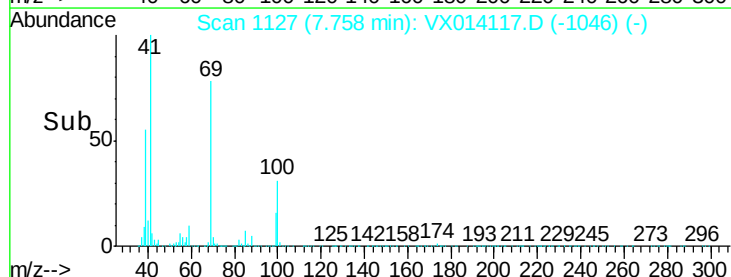
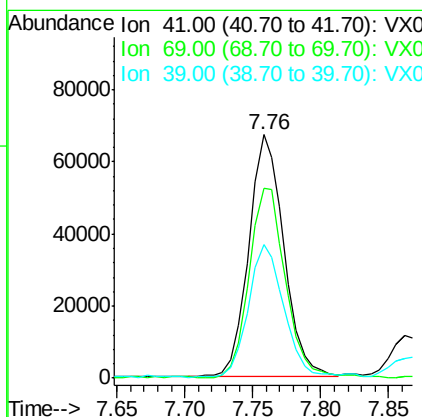
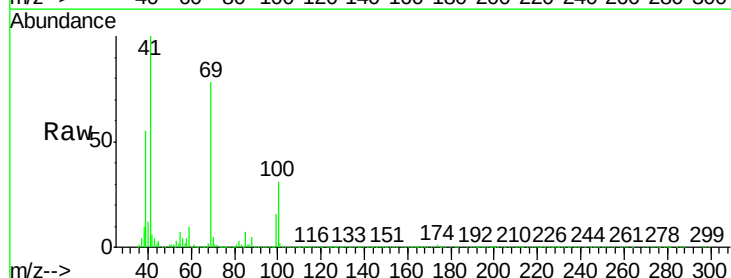
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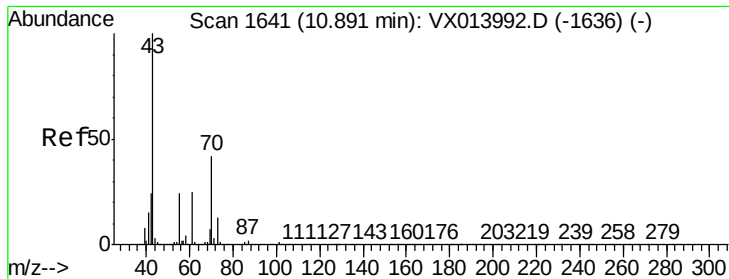
apatel
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#46
 Methyl methacrylate
 Concen: 19.994 ug/l
 RT: 7.76 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: VX014117.D
 Acq: 19 Dec 2019 13:42

Tgt Ion:	41	Resp:	122027
Ion	Ratio	Lower	Upper
41	100		
69	77.6	40.6	122.0
39	55.2	27.8	83.3





#47

n-amvl Acetate

Concen: 18.290 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD02

Tot Ion: 43 Resp: 204347

Ion Ratio Lower Upper

43 100

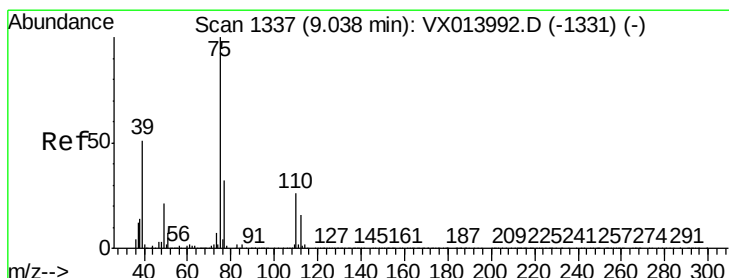
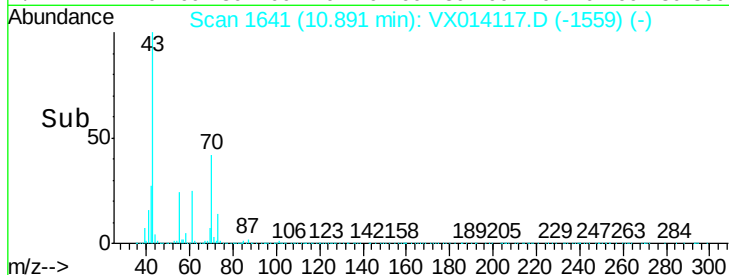
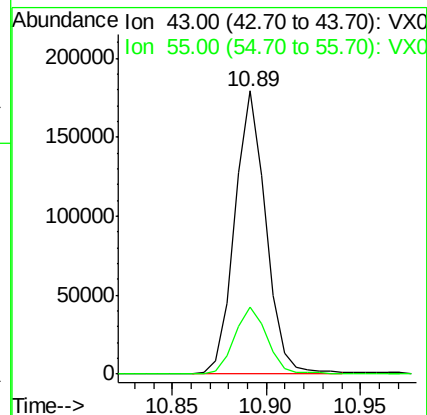
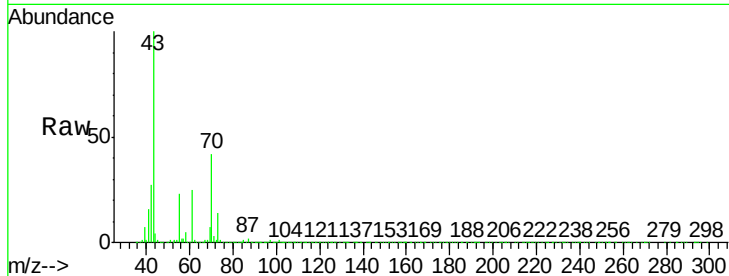
55 24.6 19.4 29.2

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#48

t-1,3-Dichloropropene

Concen: 19.082 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014117.D

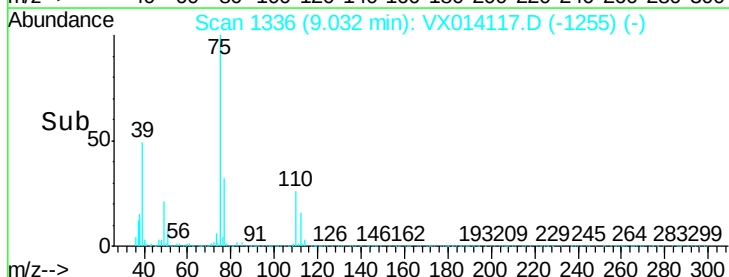
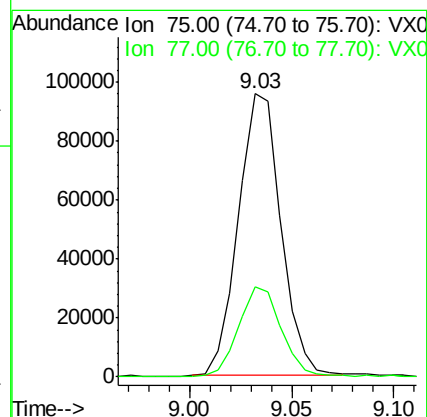
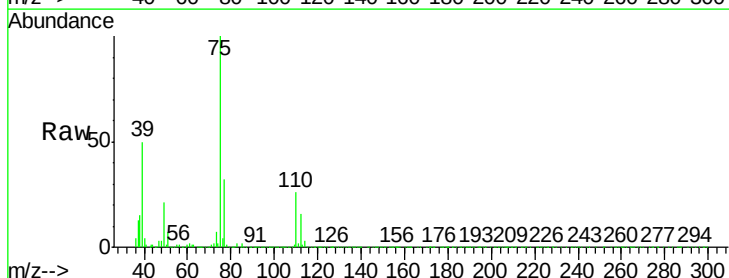
Acq: 19 Dec 2019 13:42

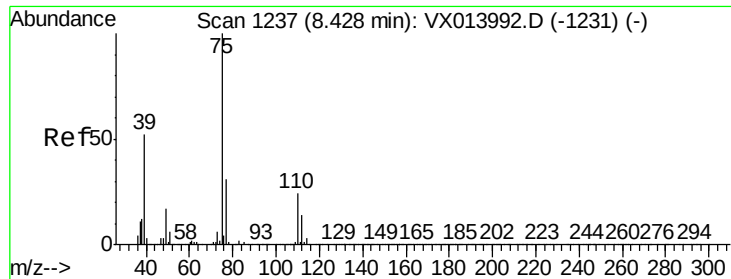
Tgt Ion: 75 Resp: 138394

Ion Ratio Lower Upper

75 100

77 31.8 26.0 39.0





#49

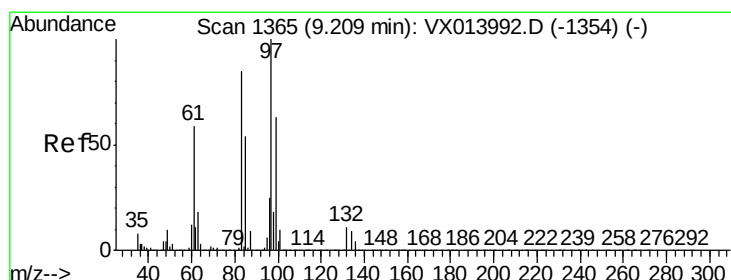
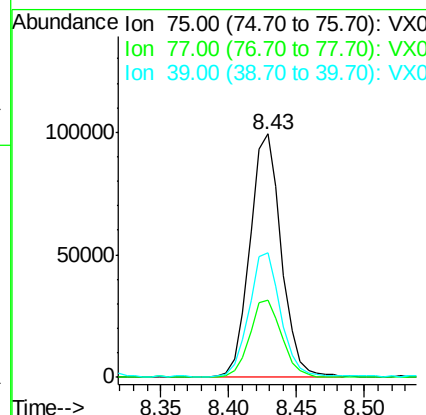
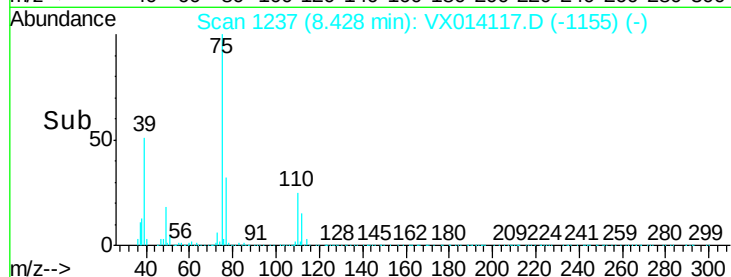
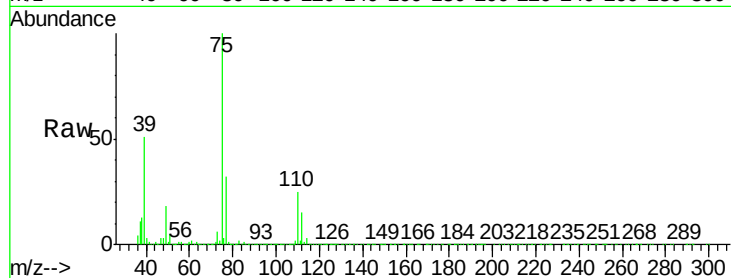
cis-1,3-Dichloropropene
Concen: 19.669 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.8	37.2
39	50.7	41.1	61.7

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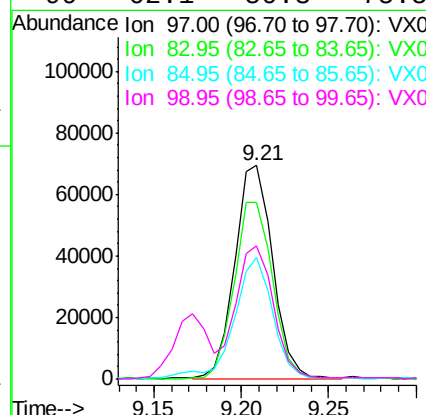
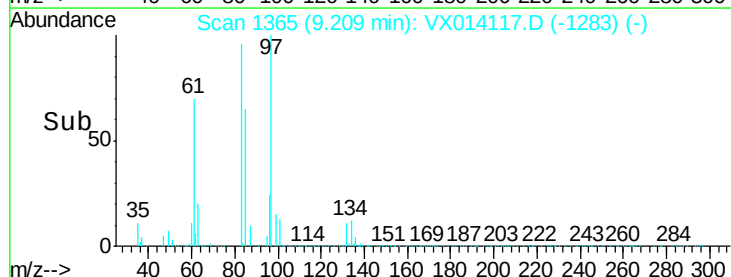
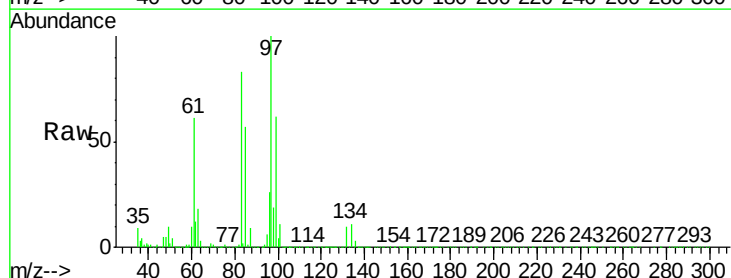
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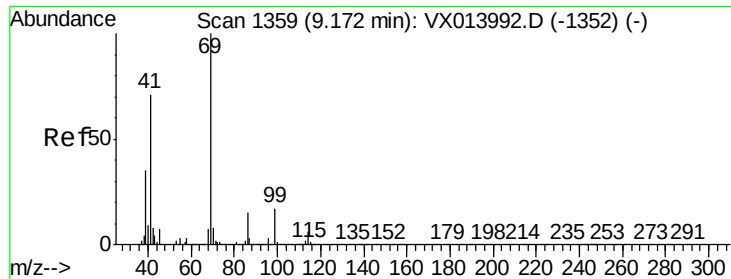


#50

1,1,2-Trichloroethane
Concen: 19.752 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.7	68.1	102.1
85	56.7	42.7	64.1
99	62.1	50.3	75.5





#51

Ethyl methacrylate

Concen: 19.121 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Instrument :

MSVOA_X

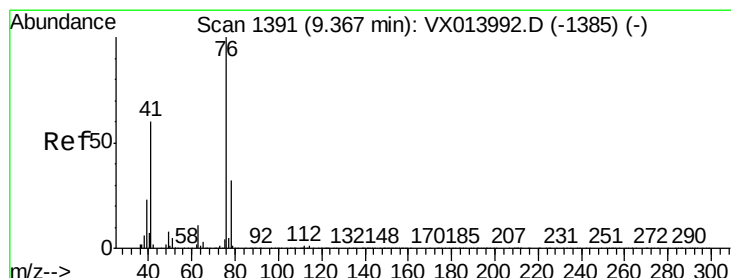
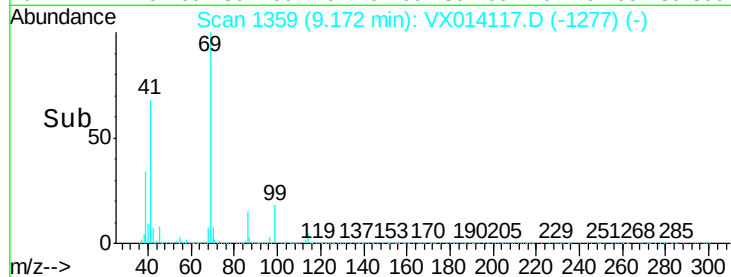
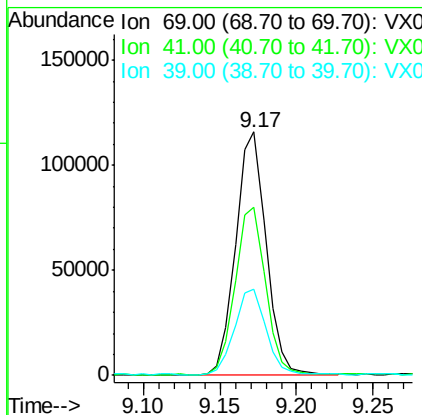
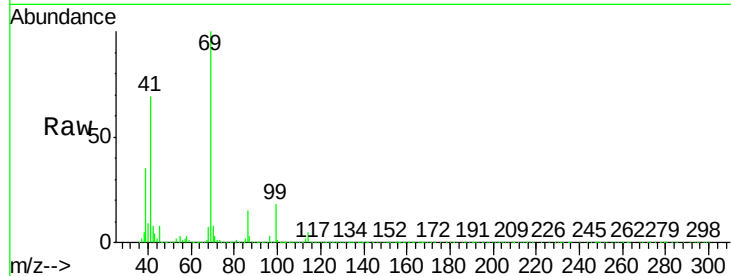
ClientSampleId :

VX1219WBSD02

Tot Ion:	69	Resp:	161086
Ion Ratio	Lower	Upper	
69	100		
41	68.7	35.4	106.1
39	34.9	17.8	53.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.575 ug/l

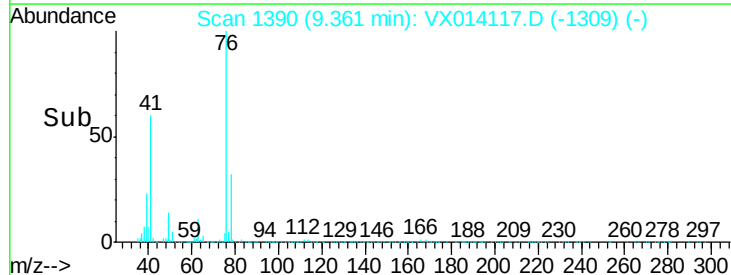
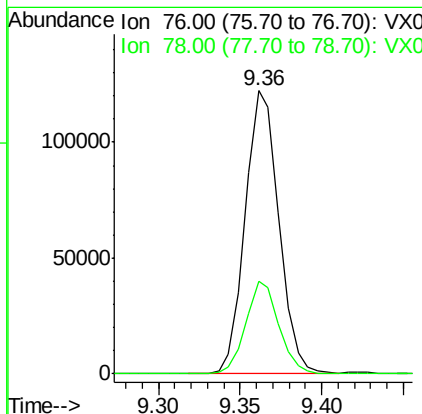
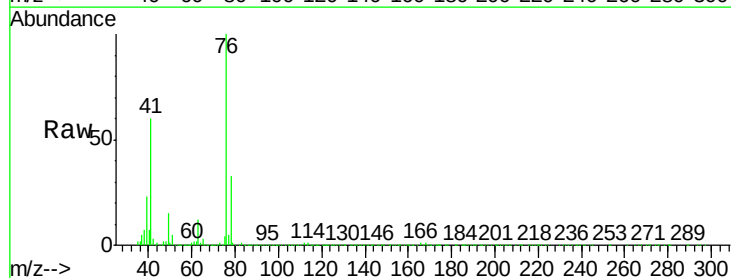
RT: 9.36 min Scan# 1390

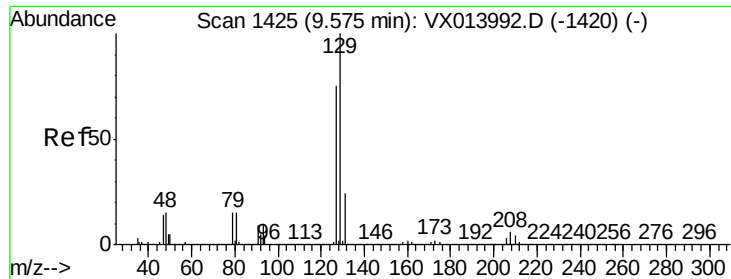
Delta R.T. -0.01 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Tgt Ion:	76	Resp:	176142
Ion Ratio	Lower	Upper	
76	100		
78	31.8	0.0	63.4





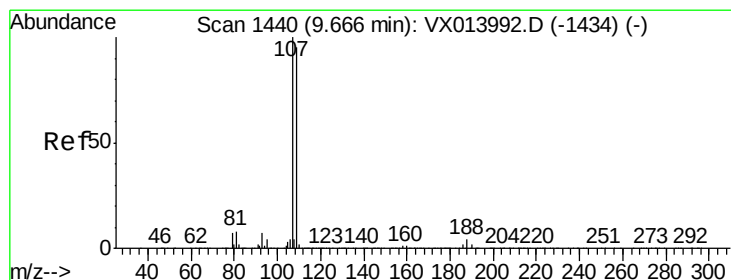
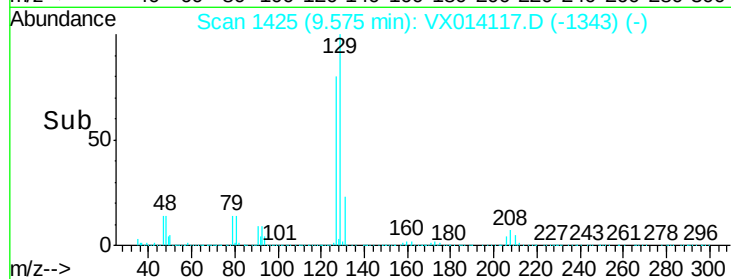
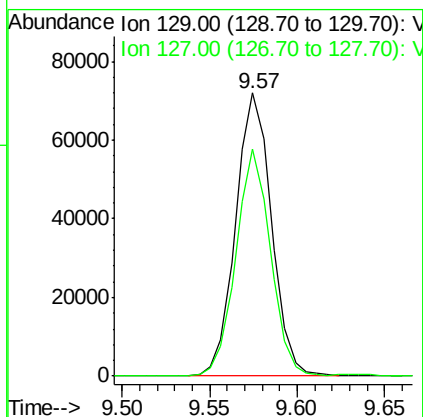
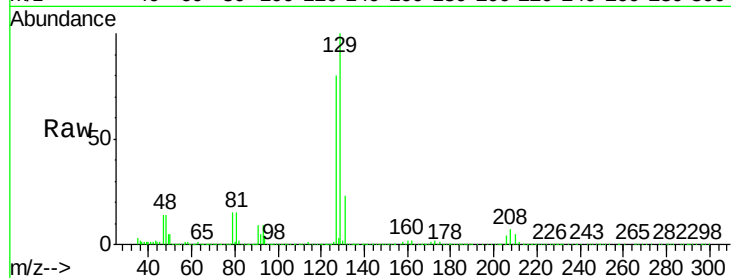
#53
Dibromochloromethane
Concen: 19.251 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		101952		
127	77.4	39.1	117.5		

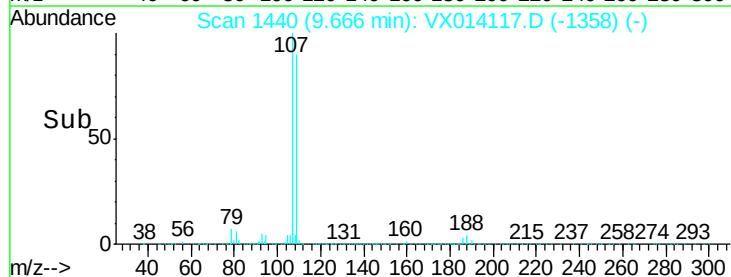
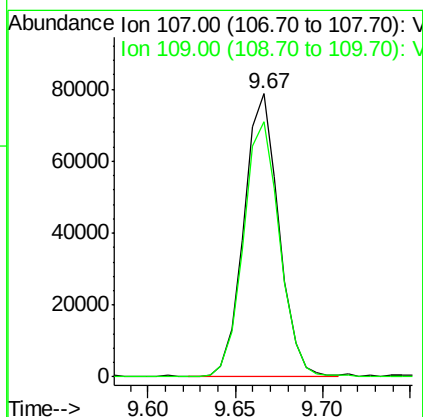
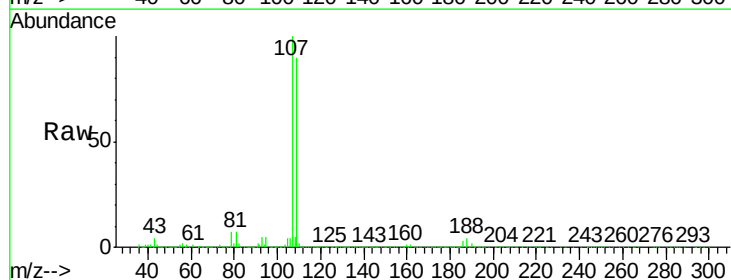
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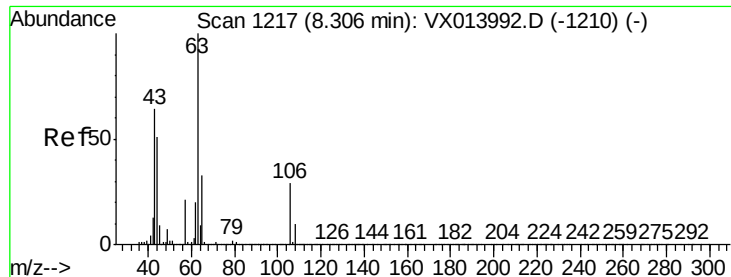
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#54
1,2-Dibromoethane
Concen: 20.107 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		109646		
109	93.0	77.2	115.8		





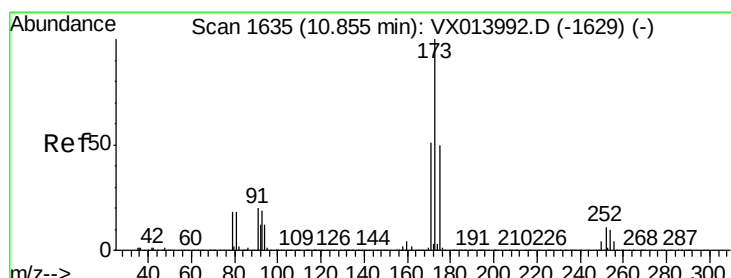
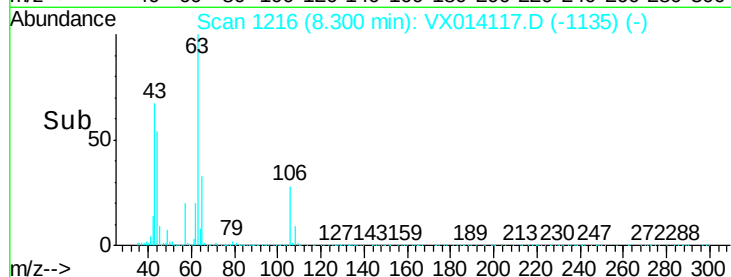
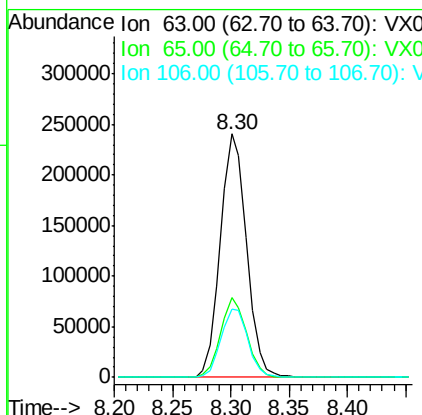
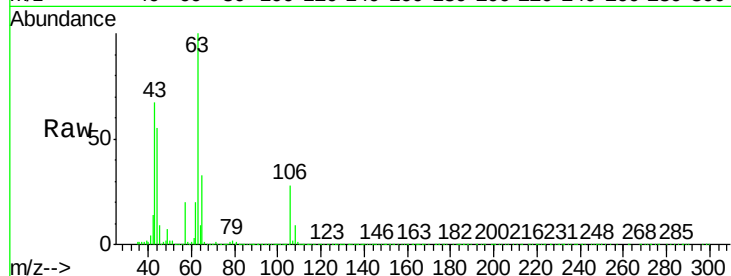
#55
2-Chloroethyl vinyl ether
Concen: 100.594 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.8	38.6
106	28.9	22.9	34.3

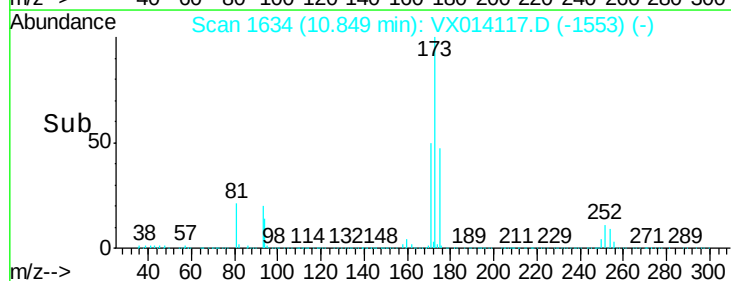
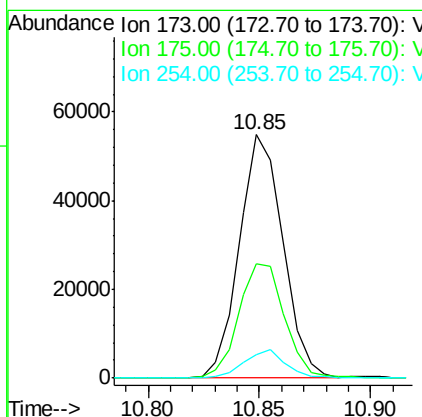
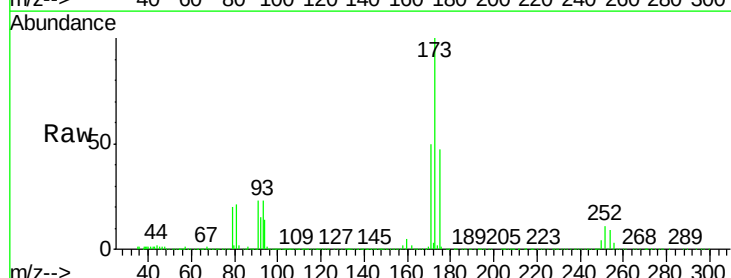
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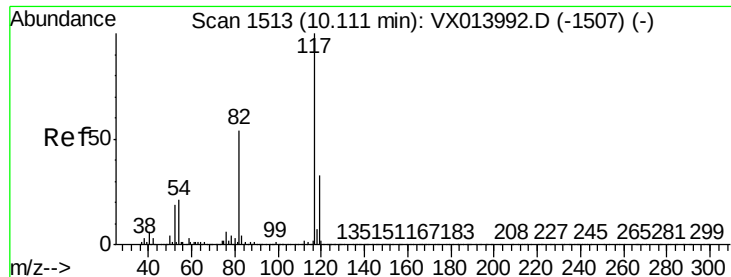
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#56
Bromoform
Concen: 18.100 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	39.5	59.3
254	11.2	8.2	12.4





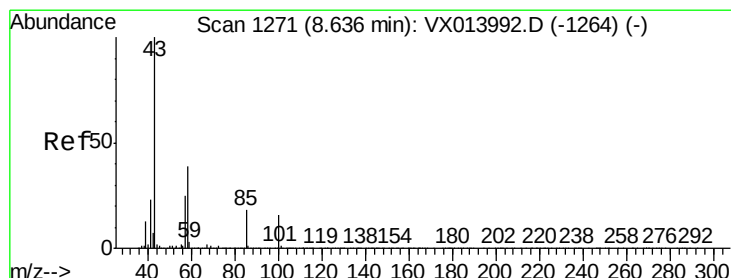
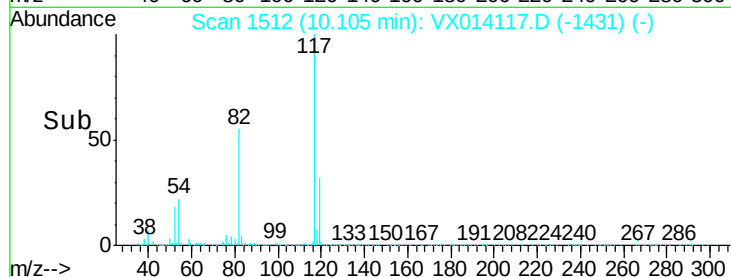
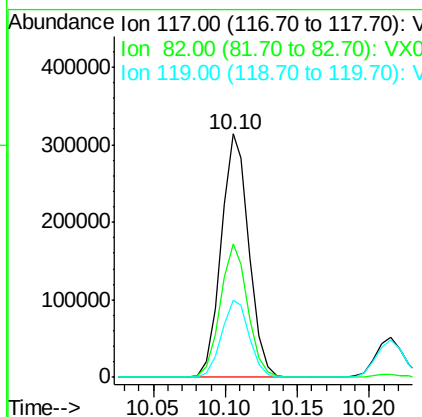
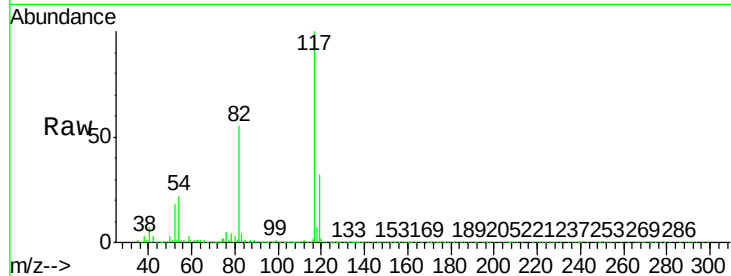
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.8	65.6
119	31.5	25.8	38.6

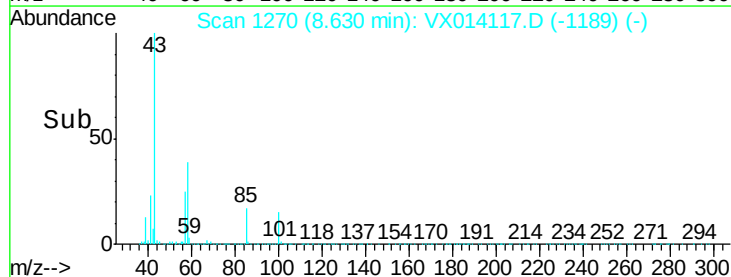
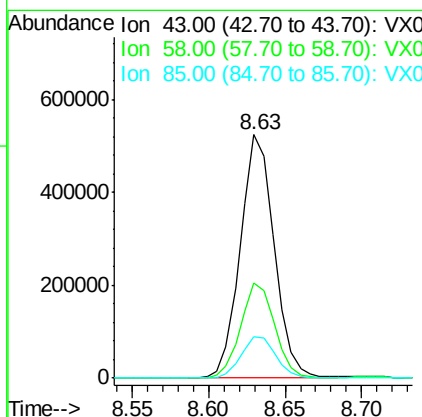
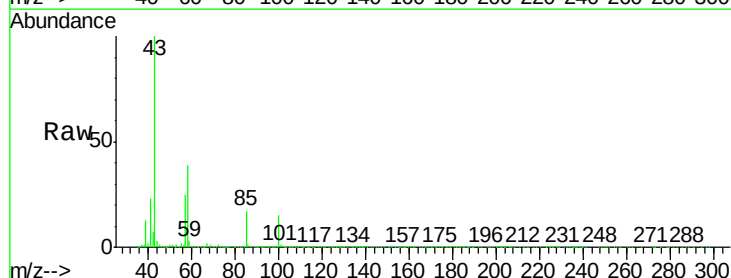
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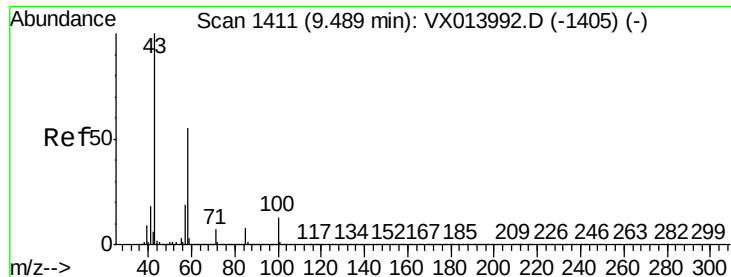
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#58
4-Methyl-2-Pentanone
Concen: 101.196 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.3	31.2	46.8
85	17.6	14.2	21.2





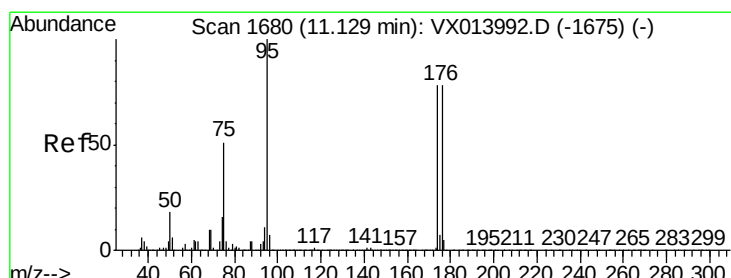
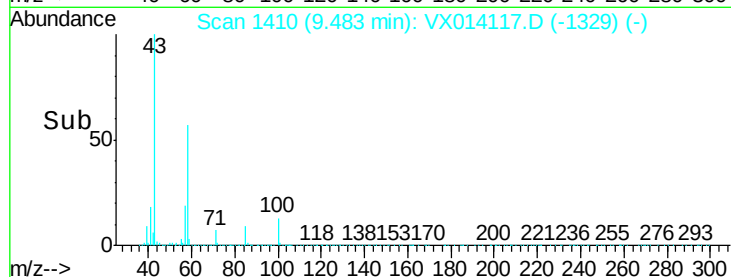
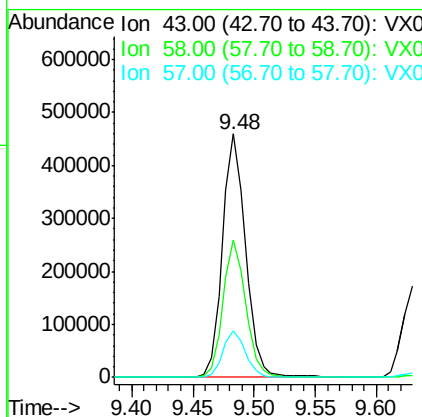
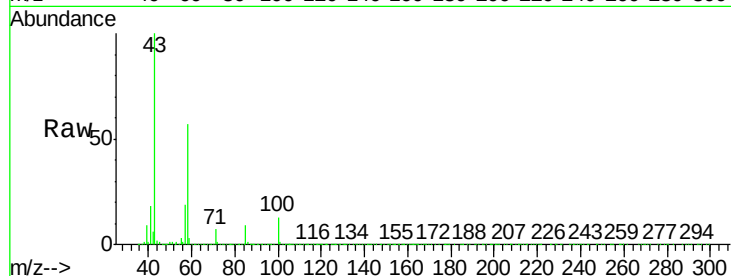
#59
2-Hexanone
Concen: 99.753 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.3	43.8	65.6
57	18.9	15.4	23.0

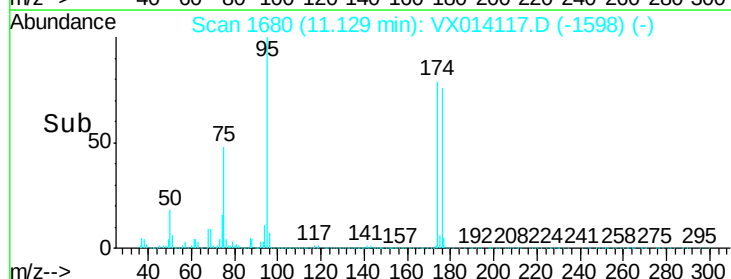
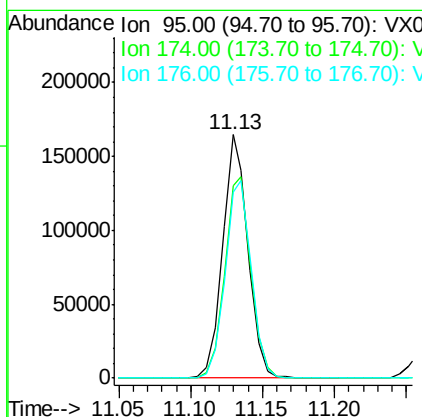
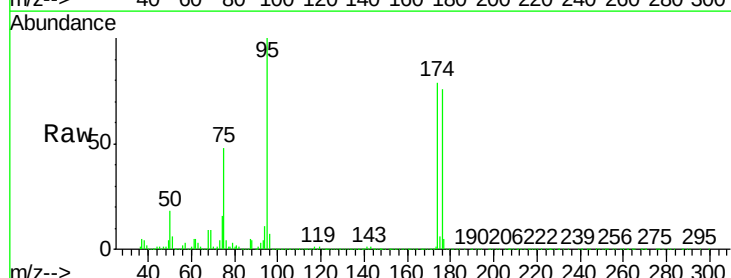
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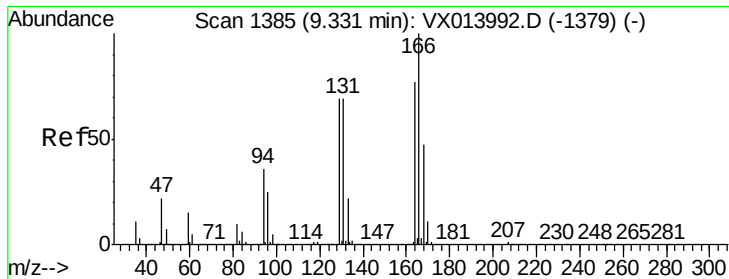
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#60
4-Bromofluorobenzene
Concen: 29.531 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.1	70.2	105.2
176	84.3	68.3	102.5





#61

Tetrachloroethene

Concen: 18.868 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Instrument :

MSVOA_X

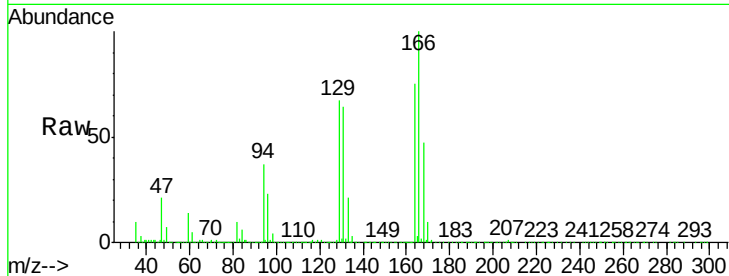
ClientSampleId :

VX1219WBSD02

Tot Ion:	164	Resp:	106094
Ion Ratio	Lower	Upper	
164	100		
166	133.2	104.2	156.2
129	89.8	71.6	107.4
131	85.6	71.7	107.5

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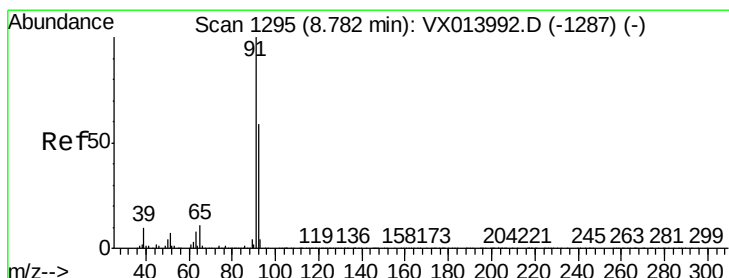
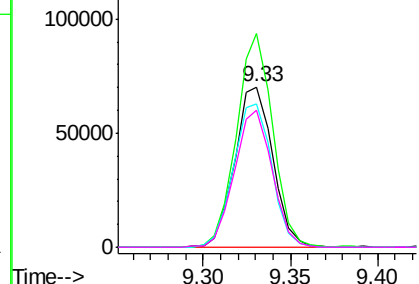
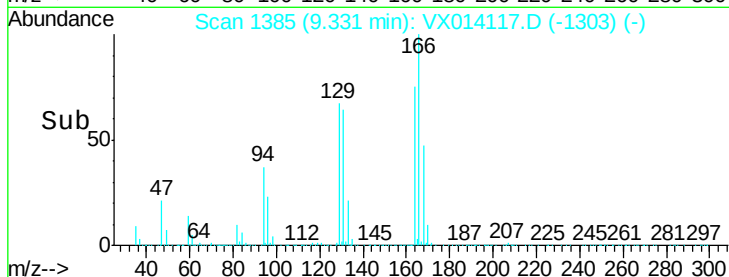


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.748 ug/l

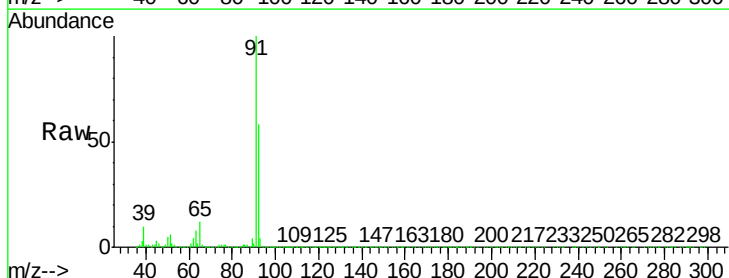
RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014117.D

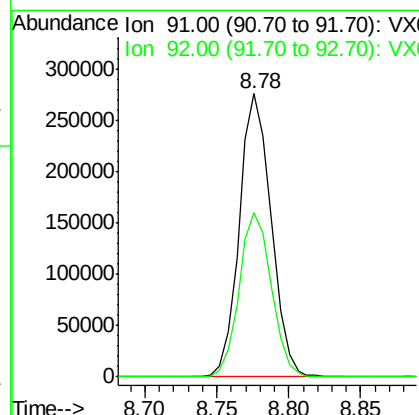
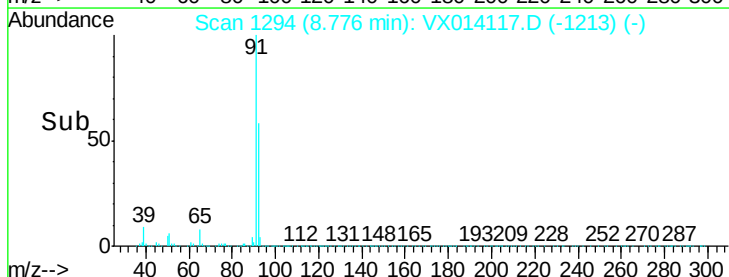
Acq: 19 Dec 2019 13:42

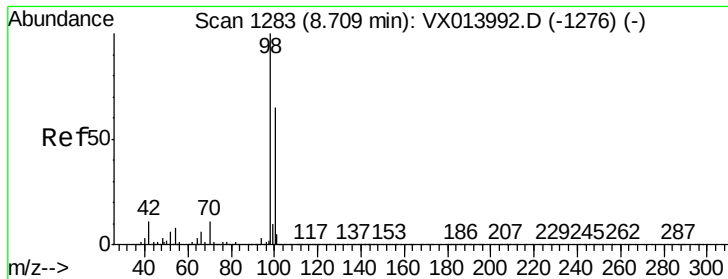
Tgt Ion:	91	Resp:	423824
Ion Ratio	Lower	Upper	
91	100		
92	58.4	46.4	69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.936 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD02

Tot Ion: 98 Resp: 568745

Ion Ratio Lower Upper

98 100

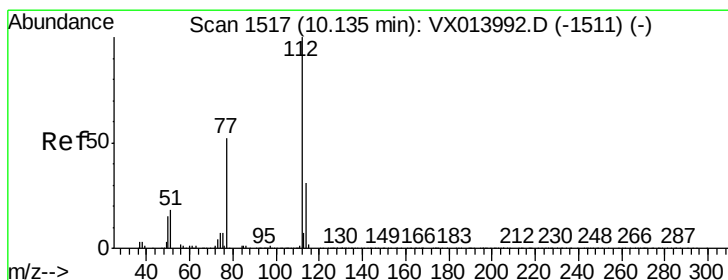
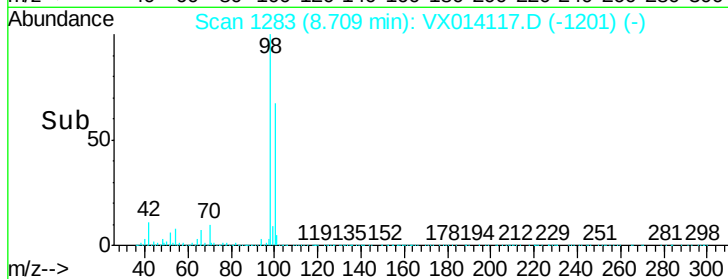
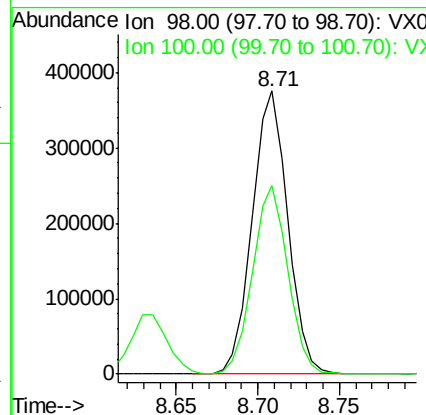
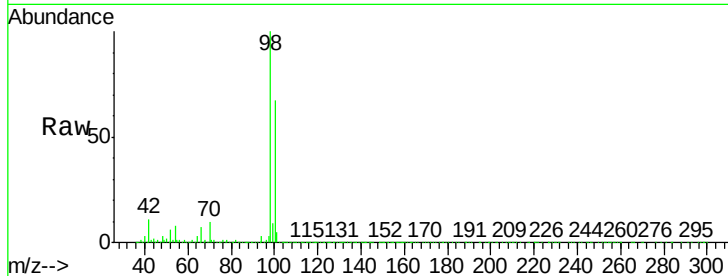
100 66.2 52.2 78.2

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#64

Chlorobenzene

Concen: 18.977 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014117.D

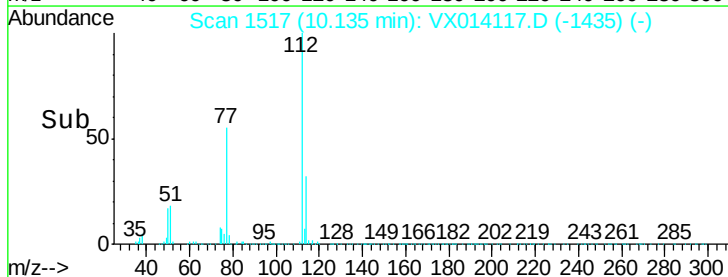
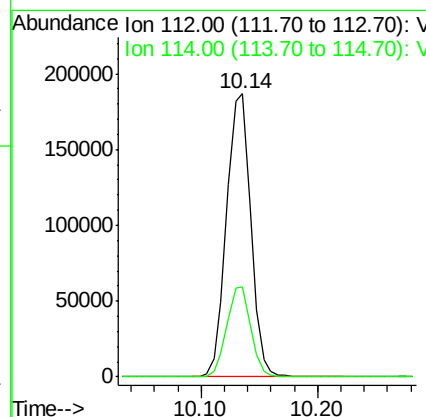
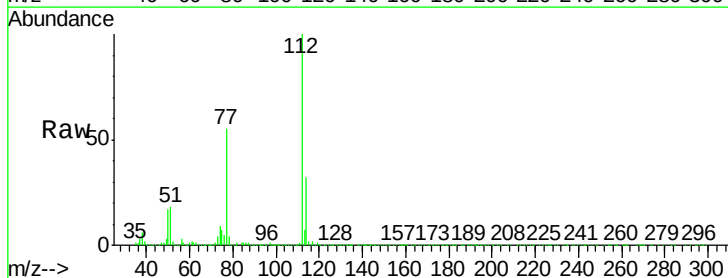
Acq: 19 Dec 2019 13:42

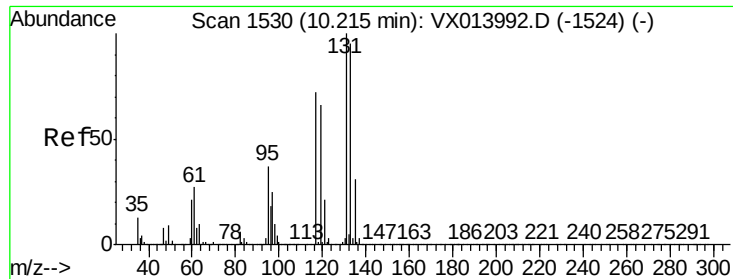
Tgt Ion: 112 Resp: 268764

Ion Ratio Lower Upper

112 100

114 31.9 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 18.606 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Instrument :

MSVOA_X

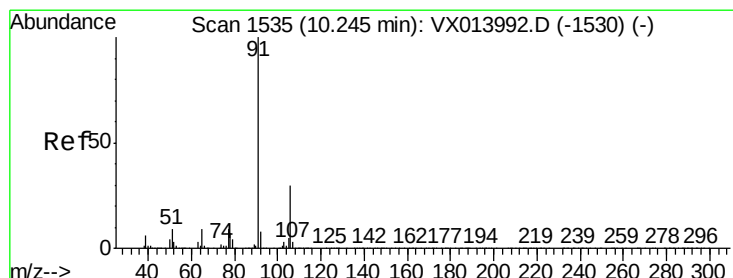
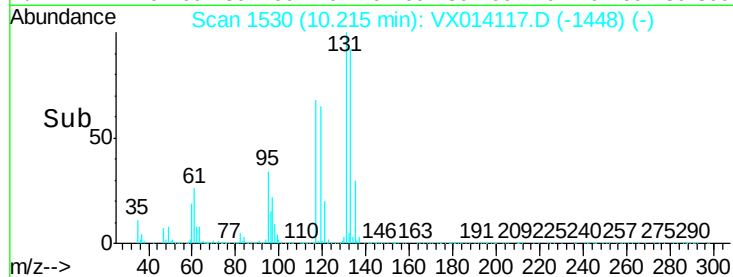
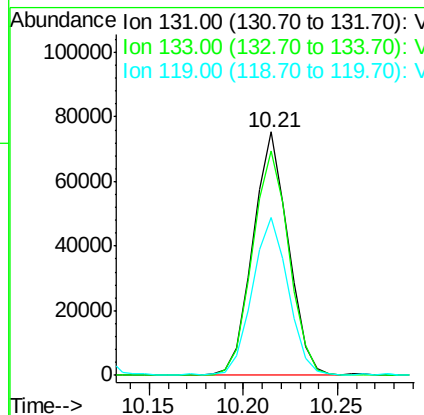
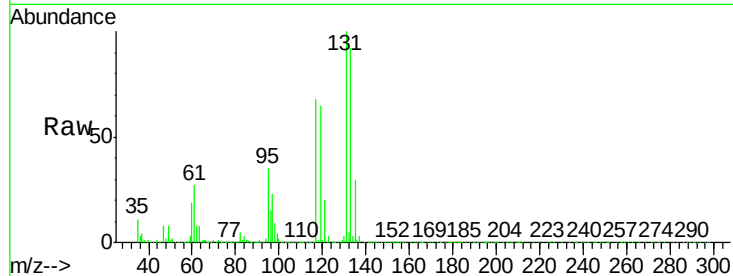
ClientSampleId :

VX1219WBSD02

Tot Ion:	131	Resp:	97573
Ion Ratio	Lower	Upper	
131	100		
133	94.7	0.0	189.8
119	65.7	0.0	132.2

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#66

Ethyl Benzene

Concen: 18.376 ug/l

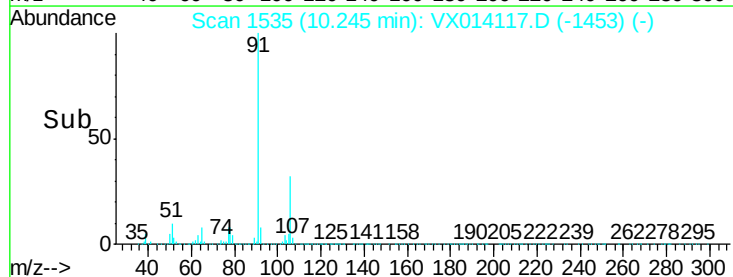
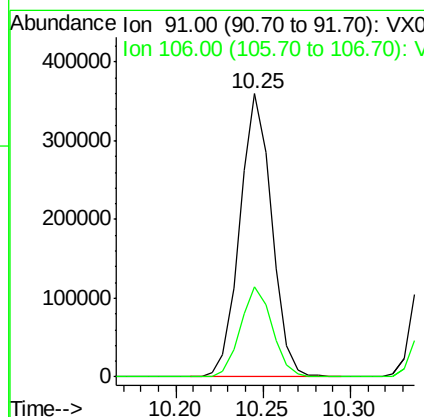
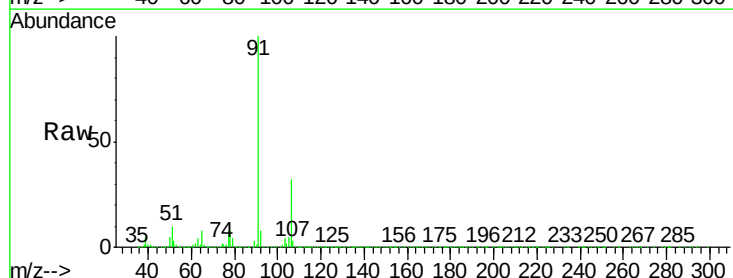
RT: 10.25 min Scan# 1535

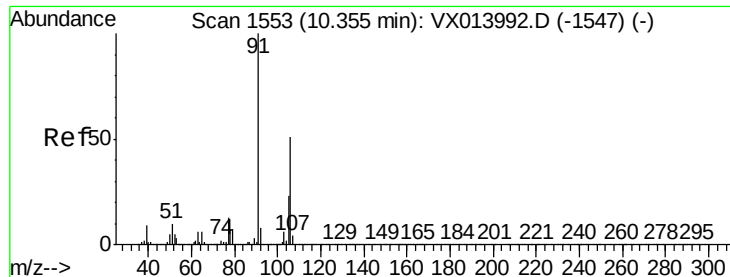
Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Tgt Ion:	91	Resp:	454613
Ion Ratio	Lower	Upper	
91	100		
106	31.8	24.2	36.2





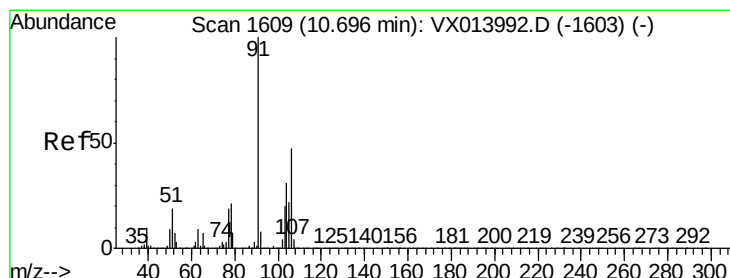
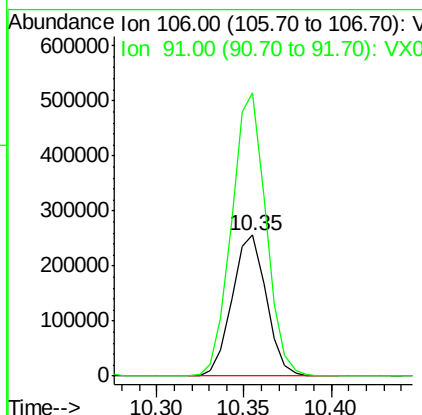
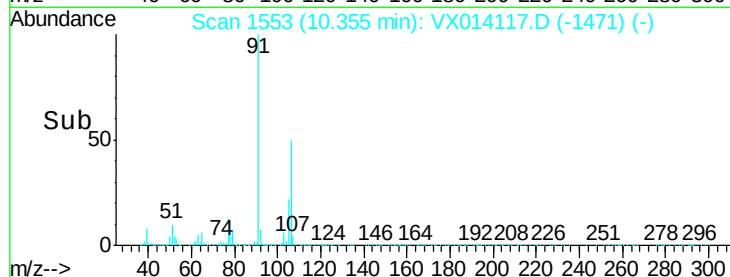
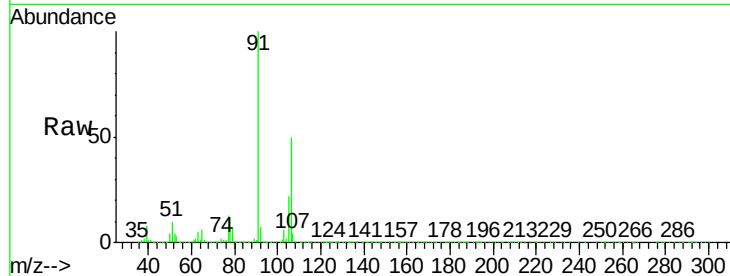
#67
m/p-Xylenes
Concen: 36.843 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD02

Tot Ion	Ratio	Lower	Upper
106	100		
91	201.5	159.3	238.9

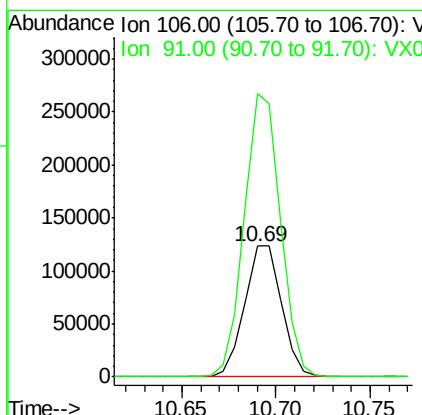
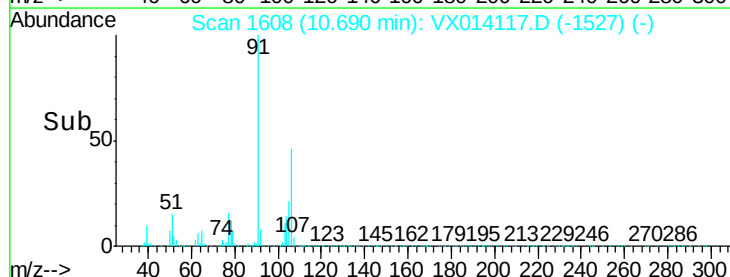
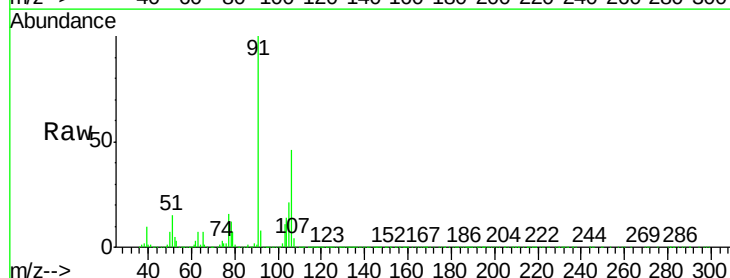
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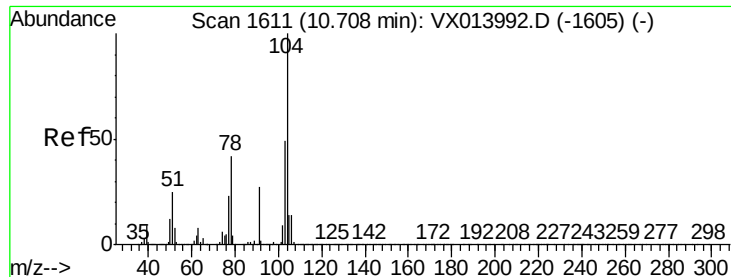
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#68
o-Xylene
Concen: 18.025 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Tgt Ion	Ratio	Lower	Upper
106	100		
91	211.2	104.8	314.6





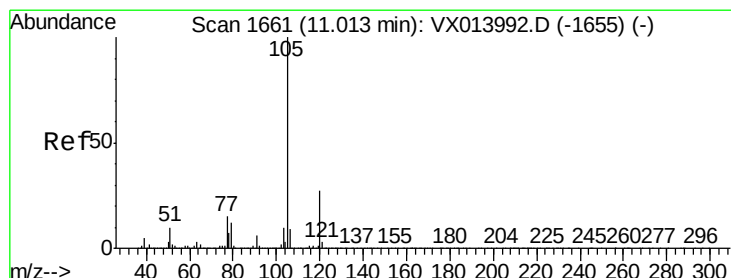
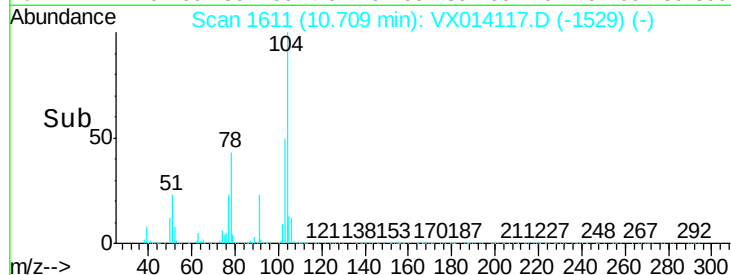
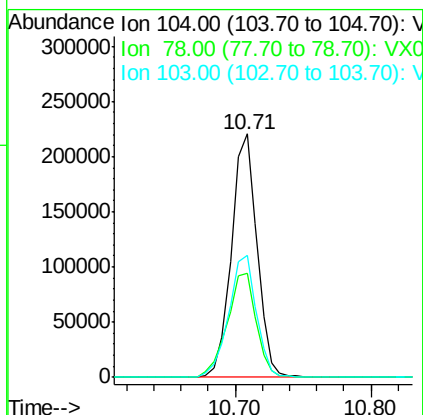
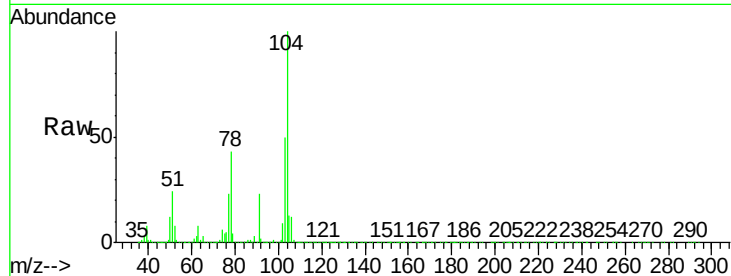
#69
Stvrene
Concen: 18.129 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
104	100		288833		
78	48.3	38.9	58.3		
103	53.8	44.2	66.2		

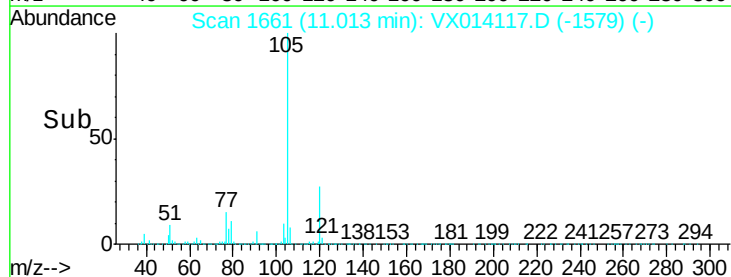
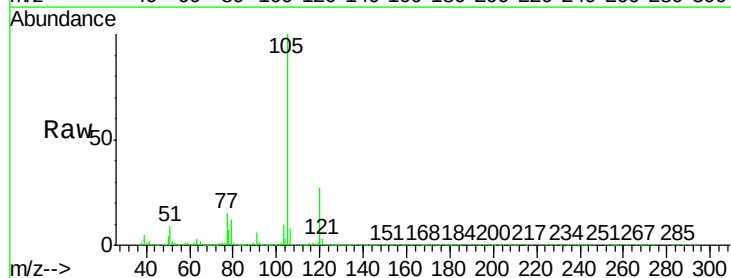
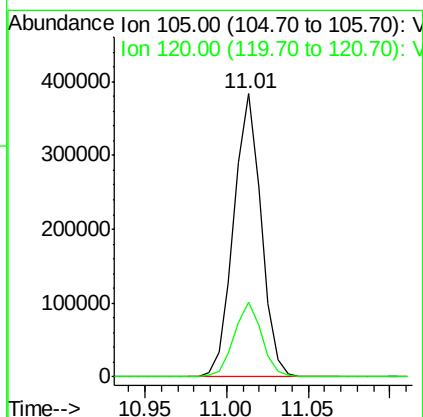
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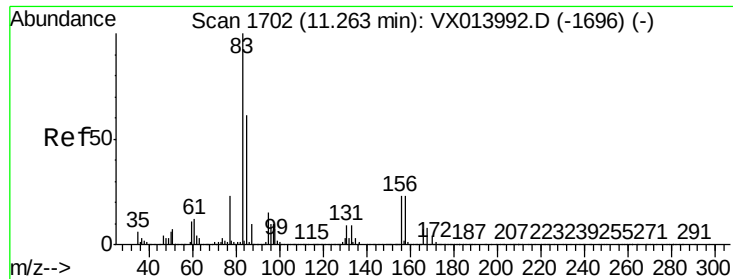
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#70
Isopropylbenzene
Concen: 18.543 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		448936		
120	26.5	19.1	35.5		





#71

1,1,2,2-Tetrachloroethane

Concen: 18.821 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Instrument :

MSVOA_X

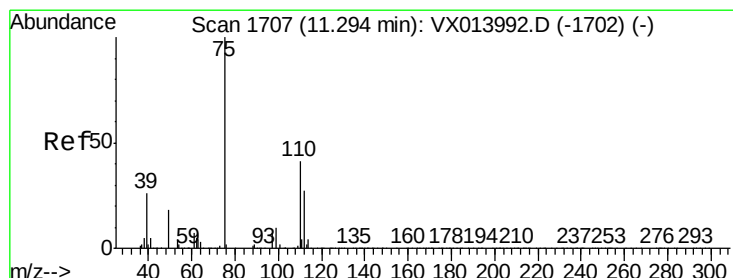
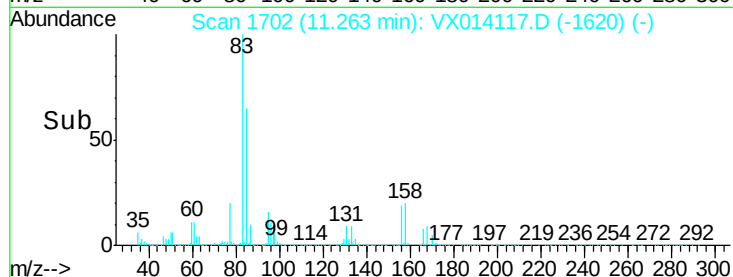
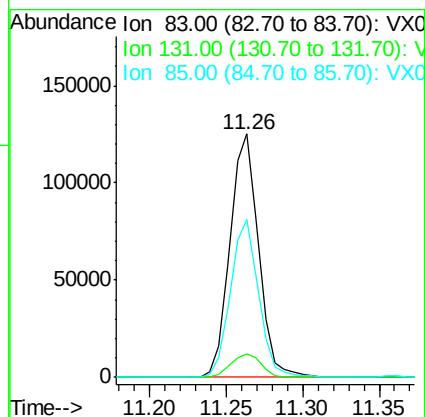
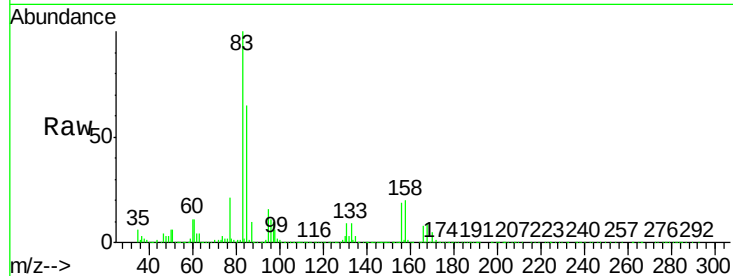
ClientSampleId :

VX1219WBSD02

Tot Ion:	83	Resp:	161592
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.9	14.7
85	64.0	31.6	94.7

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#72

1,2,3-Trichloropropane

Concen: 17.665 ug/l m

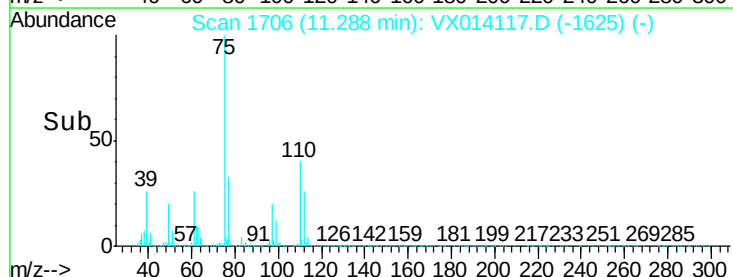
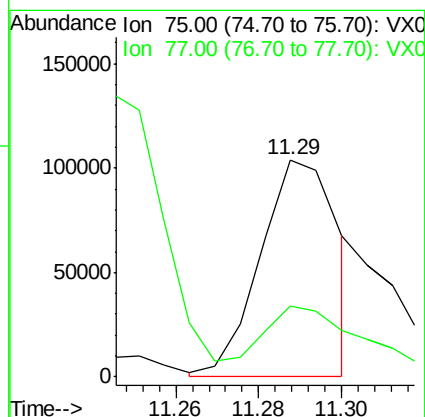
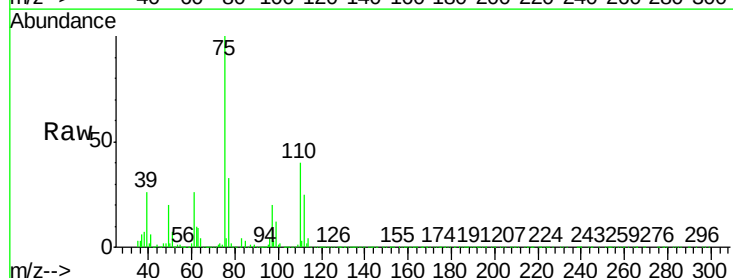
RT: 11.29 min Scan# 1706

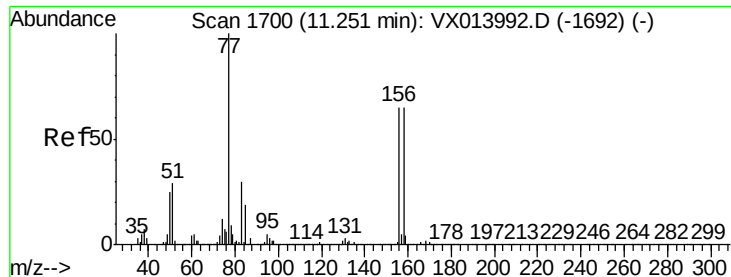
Delta R.T. -0.01 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Tgt Ion:	75	Resp:	135005
Ion Ratio	Lower	Upper	
75	100		
77	41.2	0.0	68.4





#73

Bromobenzene

Concen: 18.527 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Instrument :

MSVOA_X

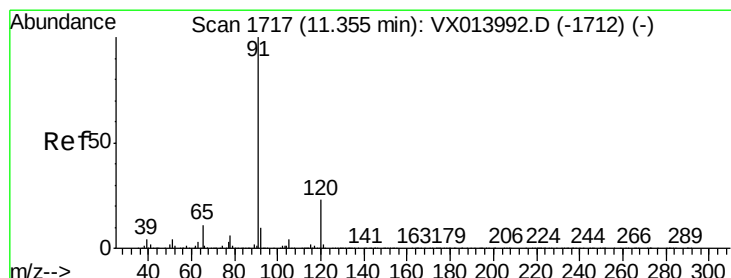
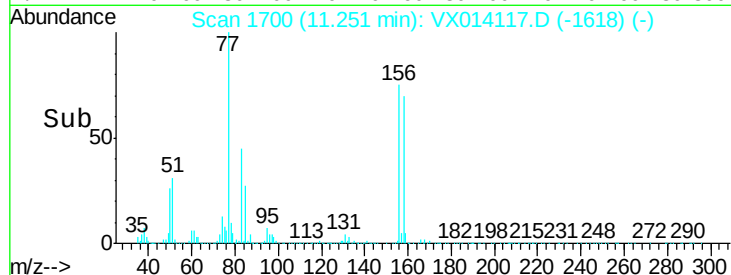
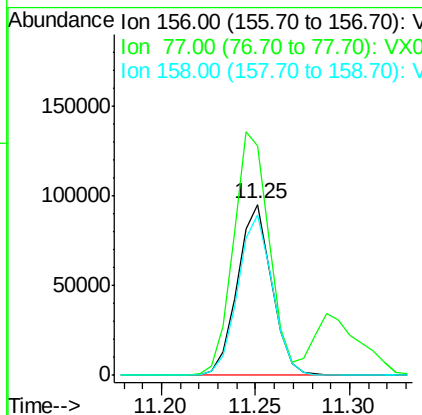
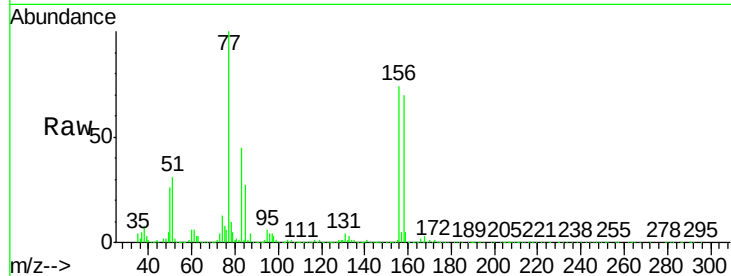
ClientSampleId :

VX1219WBSD02

Tot Ion:	156	Resp:	119739
Ion Ratio	Lower	Upper	
156	100		
77	148.2	0.0	304.6
158	94.6	0.0	195.2

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#74

n-propylbenzene

Concen: 18.326 ug/l

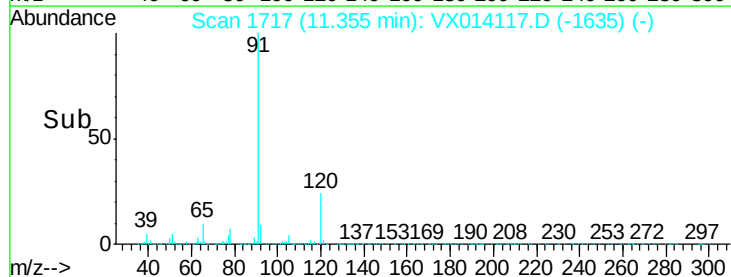
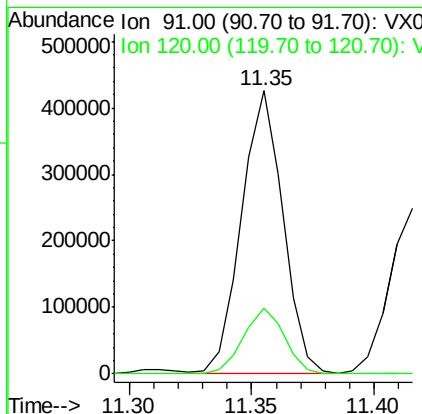
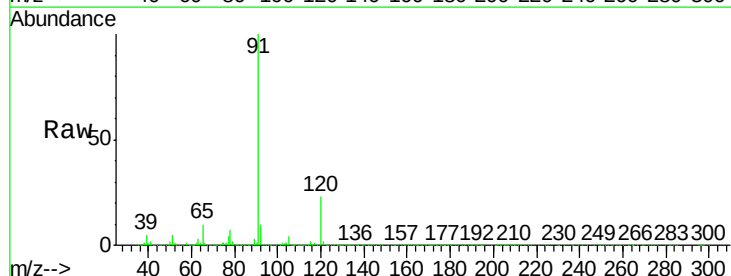
RT: 11.35 min Scan# 1717

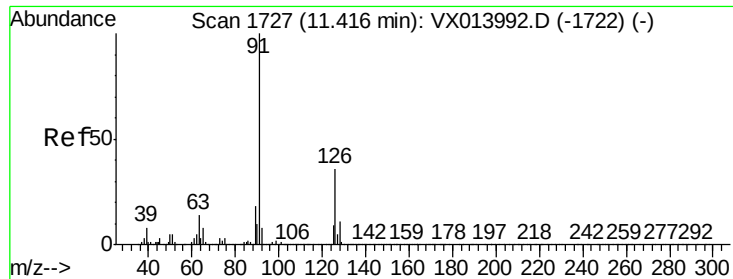
Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Tgt Ion:	91	Resp:	503233
Ion Ratio	Lower	Upper	
91	100		
120	22.9	0.0	44.8





#75

2-Chlorotoluene

Concen: 18.364 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD02

Tot Ion: 91 Resp: 304692

Ion Ratio Lower Upper

91 100

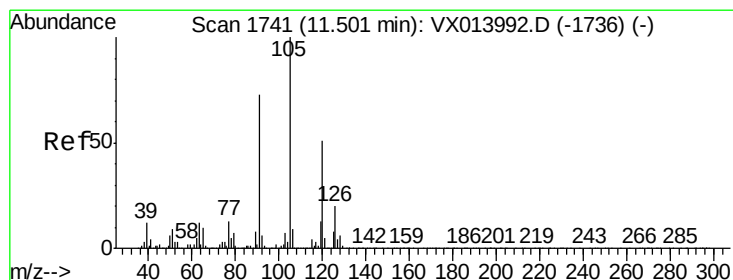
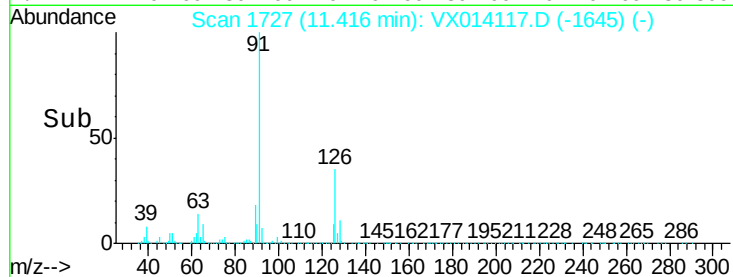
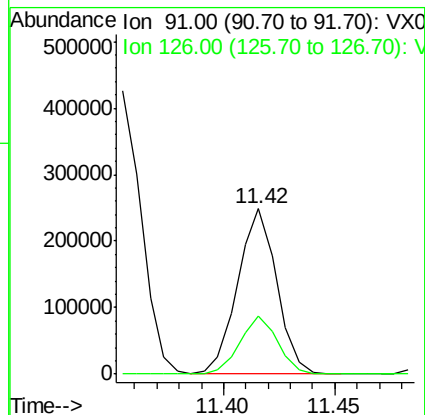
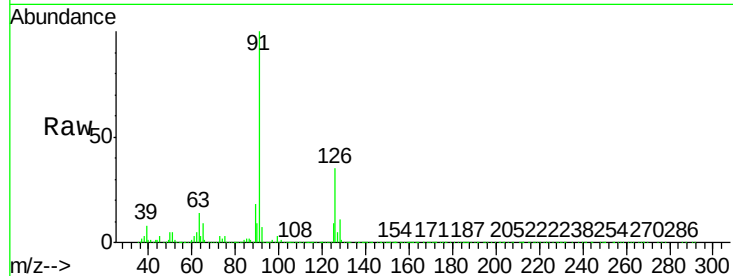
126 34.2 0.0 70.8

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#76

1,3,5-Trimethylbenzene

Concen: 18.204 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014117.D

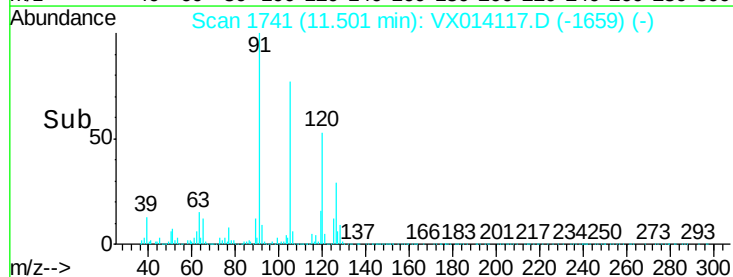
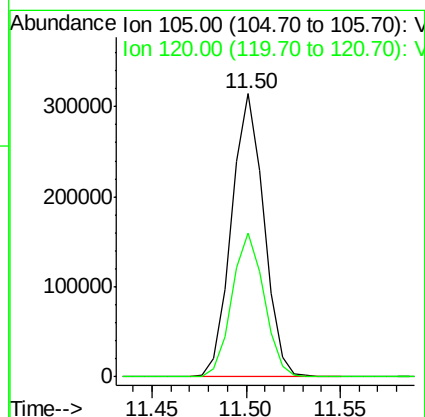
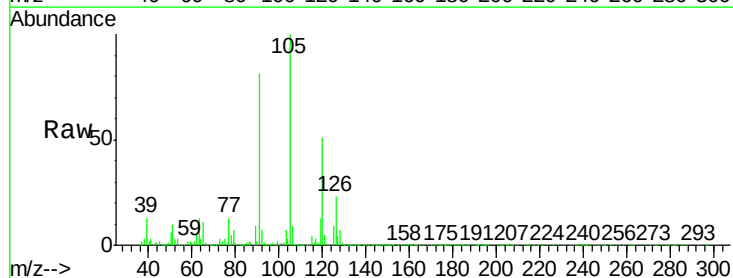
Acq: 19 Dec 2019 13:42

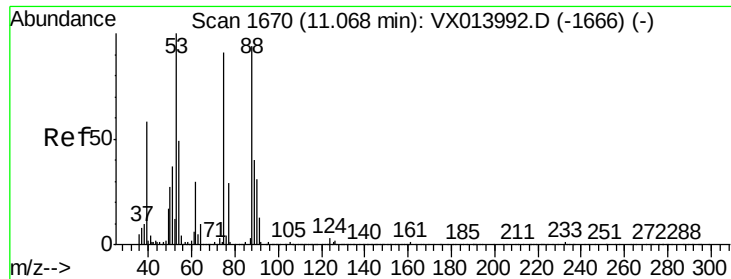
Tgt Ion: 105 Resp: 373879

Ion Ratio Lower Upper

105 100

120 50.4 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 19.272 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Instrument :

MSVOA_X

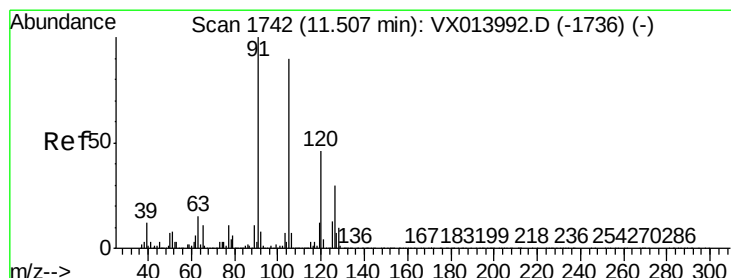
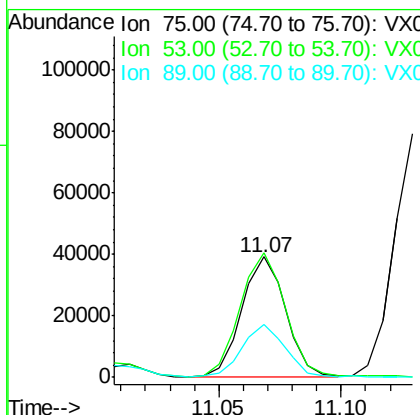
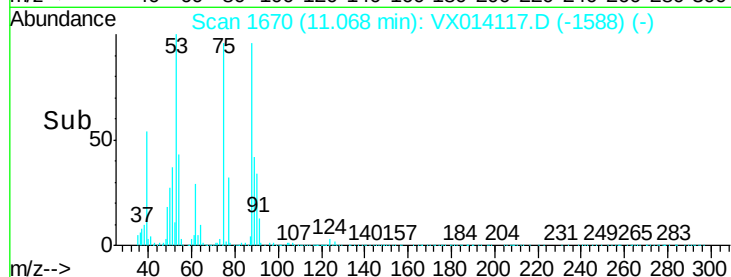
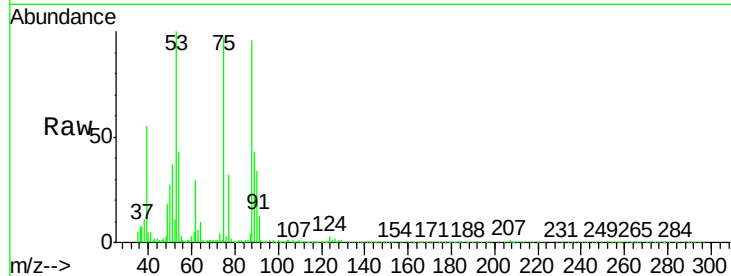
ClientSampleId :

VX1219WBSD02

Tot Ion:	75	Resp:	48636
Ion	Ratio	Lower	Upper
75	100		
53	103.3	54.4	163.1
89	43.8	21.9	65.5

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#78

4-Chlorotoluene

Concen: 18.375 ug/l

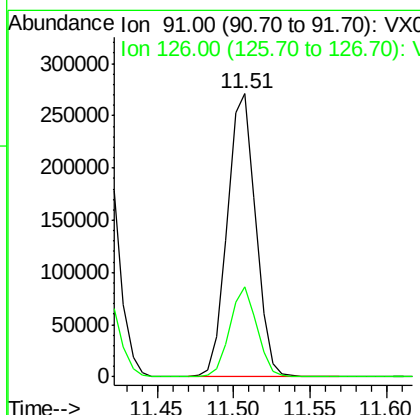
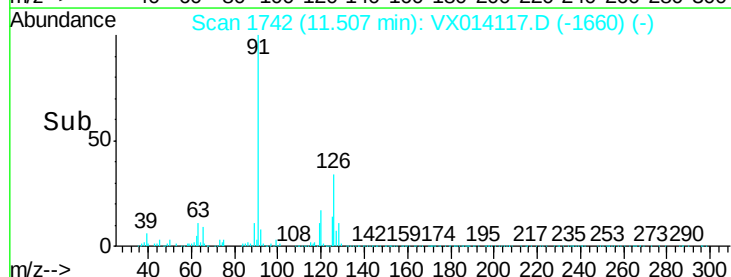
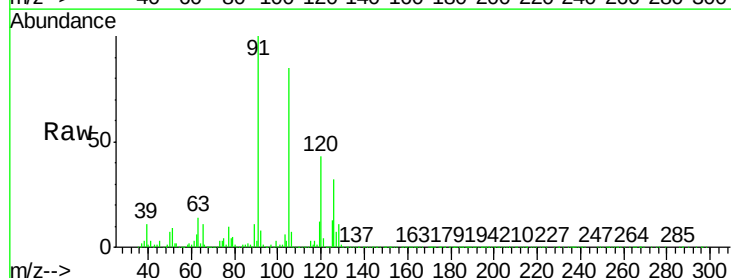
RT: 11.51 min Scan# 1742

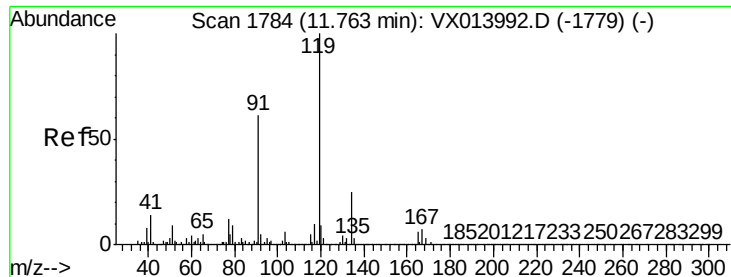
Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Tgt Ion:	91	Resp:	348378
Ion	Ratio	Lower	Upper
91	100		
126	30.3	0.0	59.6





#79

tert-butylbenzene

Concen: 17.823 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Instrument :

MSVOA_X

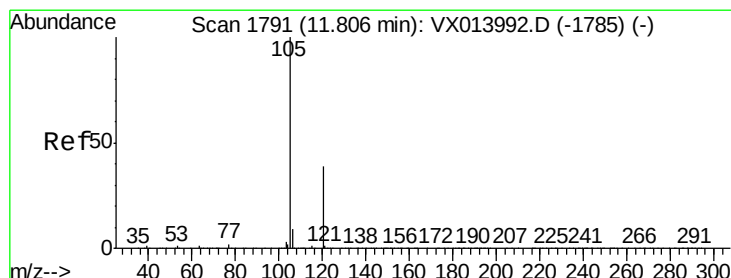
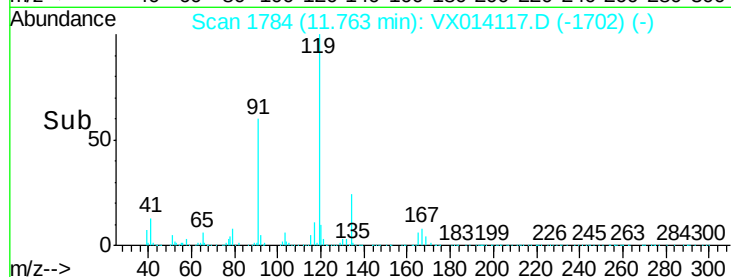
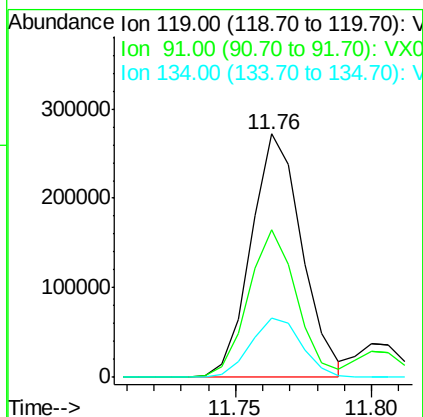
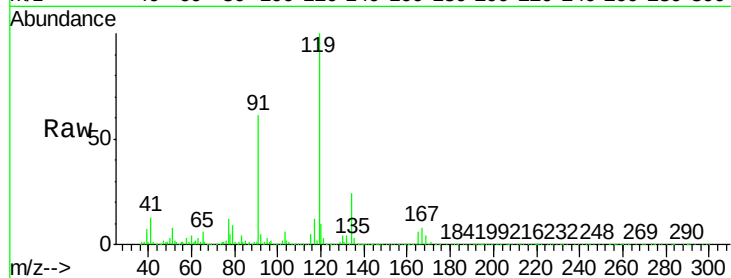
ClientSampleId :

VX1219WBSD02

Tot Ion:	119	Resp:	352821
Ion Ratio	Lower	Upper	
119	100		
91	57.6	0.0	112.6
134	24.7	0.0	49.8

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#80

1,2,4-Trimethylbenzene

Concen: 18.164 ug/l

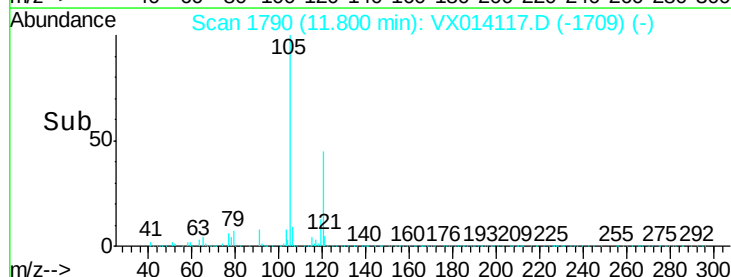
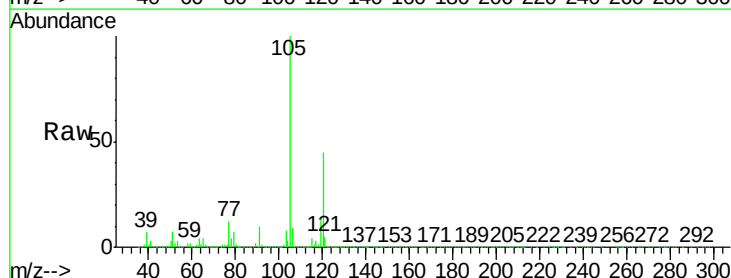
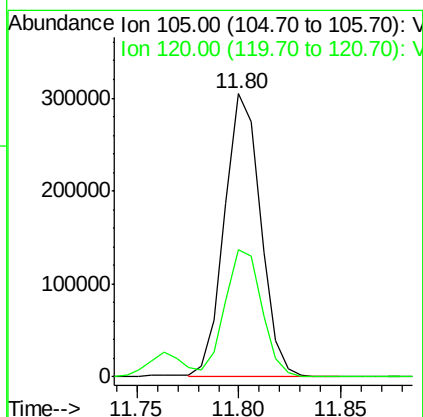
RT: 11.80 min Scan# 1790

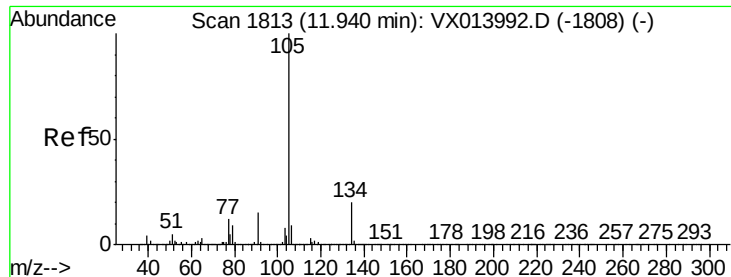
Delta R.T. -0.01 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Tgt Ion:	105	Resp:	373011
Ion Ratio	Lower	Upper	
105	100		
120	45.7	0.0	92.0





#81

sec-Butylbenzene

Concen: 18.084 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX1219WBSD02

Tot Ion:105 Resp: 425808

Ion Ratio Lower Upper

105 100

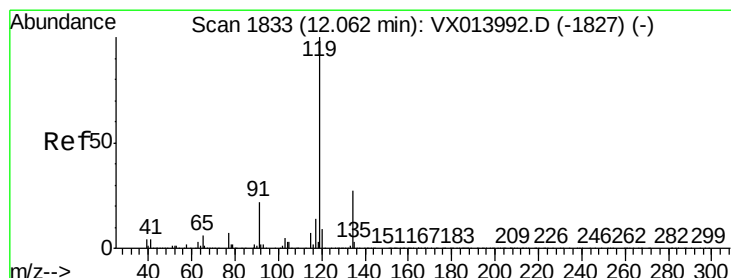
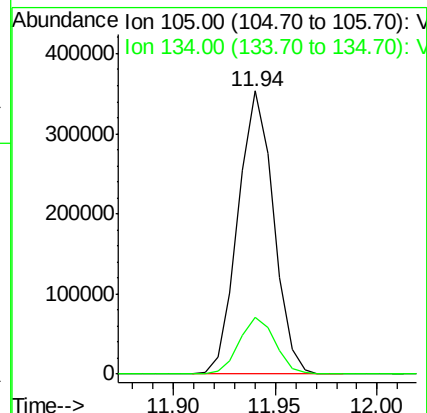
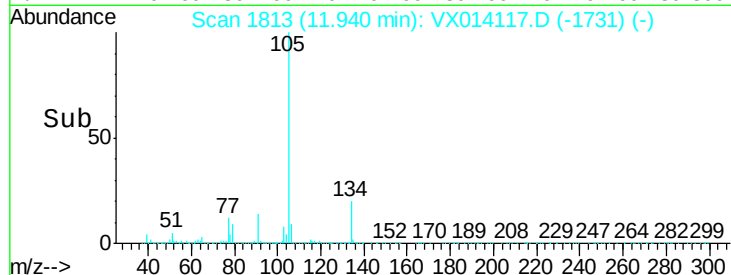
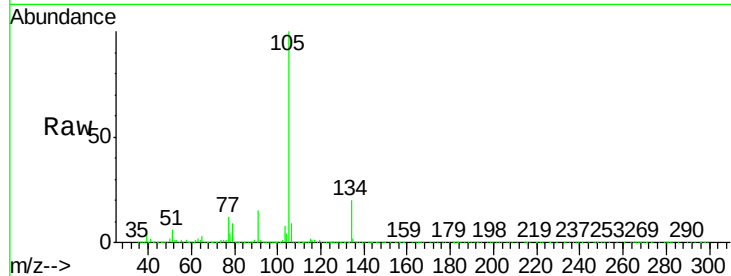
134 20.5 0.0 40.2

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#82

p-Isopropyltoluene

Concen: 18.027 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014117.D

Acq: 19 Dec 2019 13:42

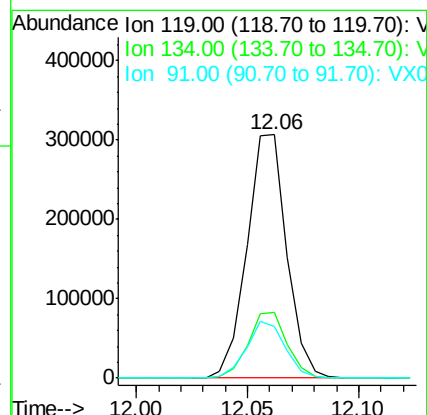
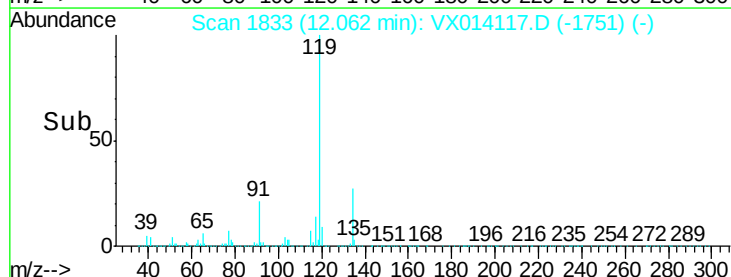
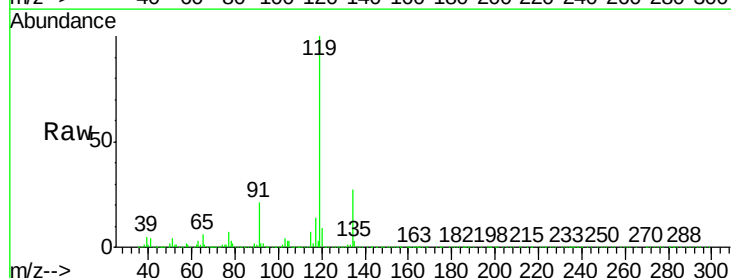
Tgt Ion:119 Resp: 383063

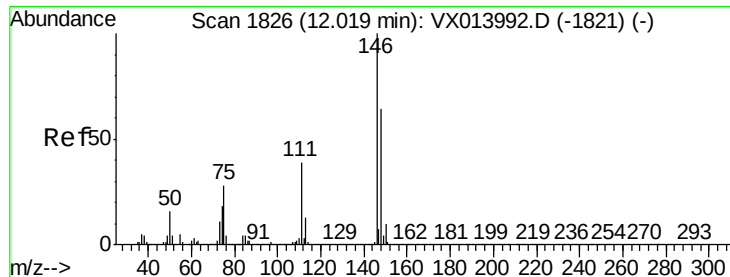
Ion Ratio Lower Upper

119 100

134 26.5 0.0 53.8

91 22.3 0.0 45.0





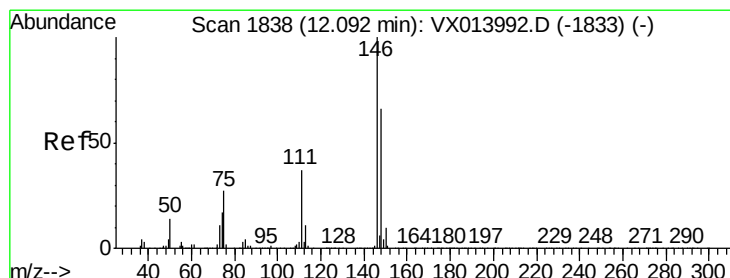
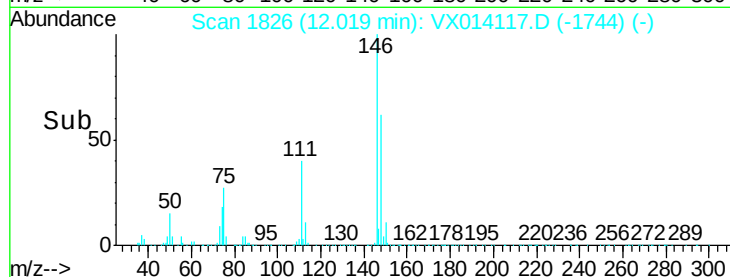
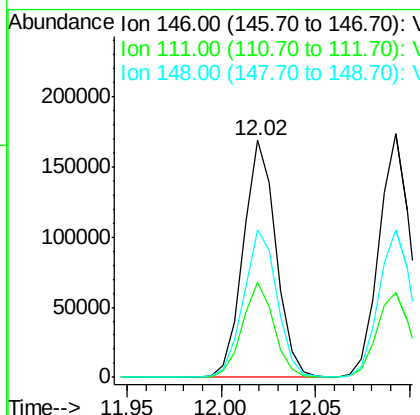
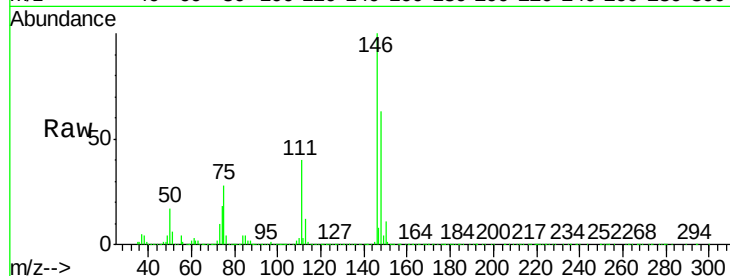
#83
 1,3-Dichlorobenzene
 Concen: 17.995 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014117.D
 Acq: 19 Dec 2019 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.3	57.9
148	63.8	32.2	96.6

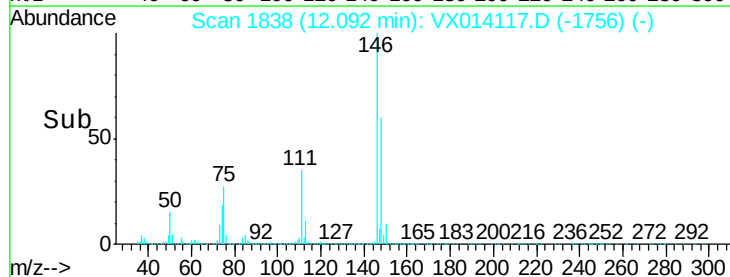
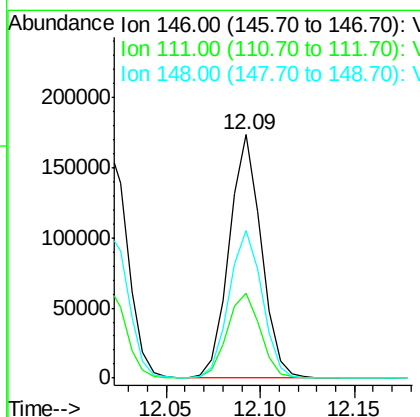
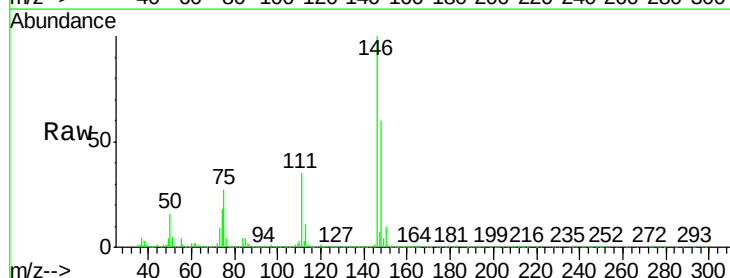
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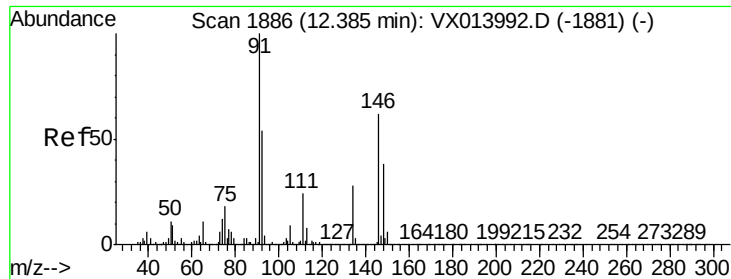
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#84
 1,4-Dichlorobenzene
 Concen: 18.182 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014117.D
 Acq: 19 Dec 2019 13:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.4	55.4
148	62.8	32.0	96.0





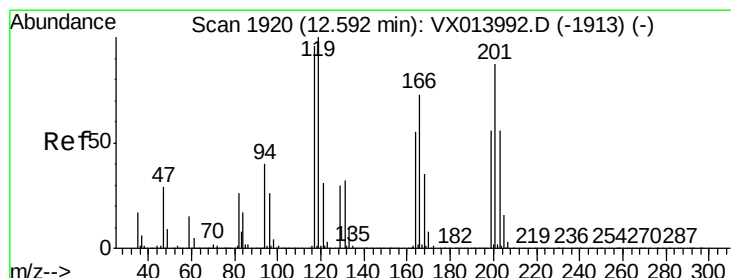
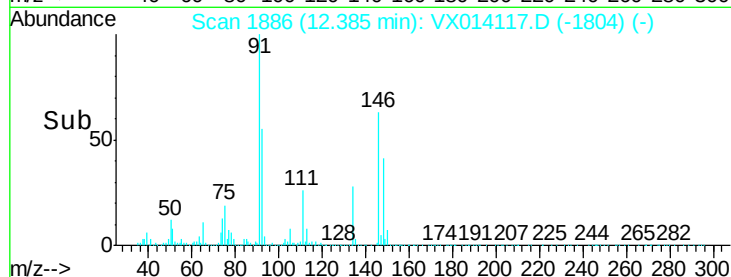
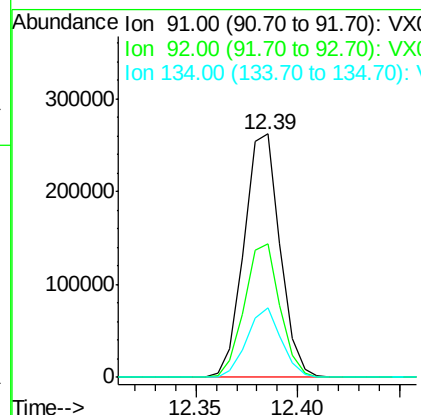
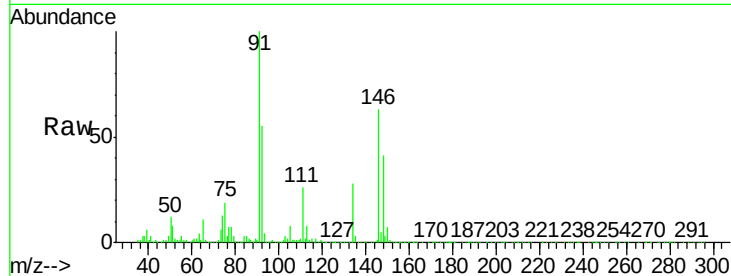
#85
n-Butylbenzene
Concen: 17.907 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD02

Tot Ion	Ratio	Resp Lower	Upper
91	100		
92	54.3	0.0	109.0
134	27.2	0.0	54.0

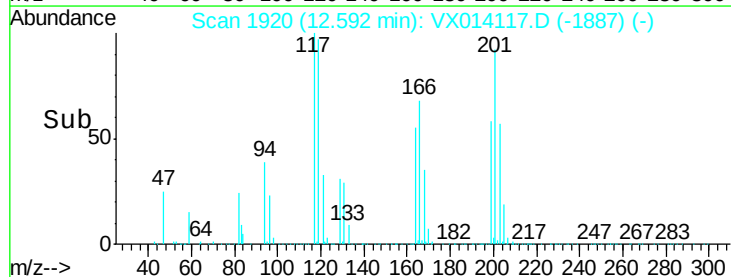
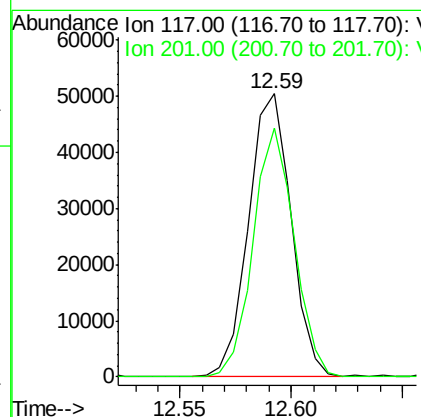
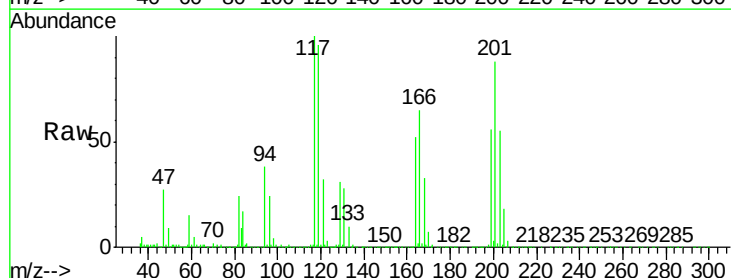
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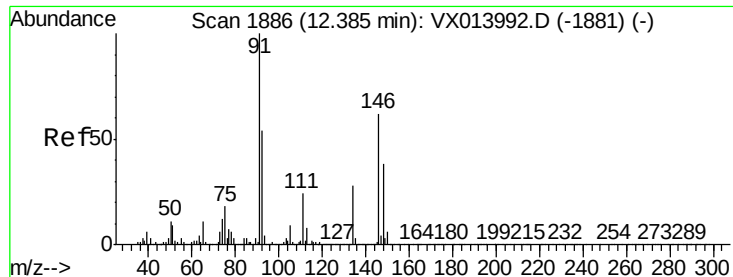
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#86
Hexachloroethane
Concen: 17.400 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
201	85.1	44.8	134.3





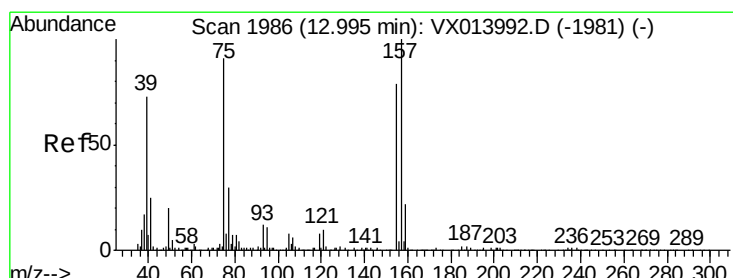
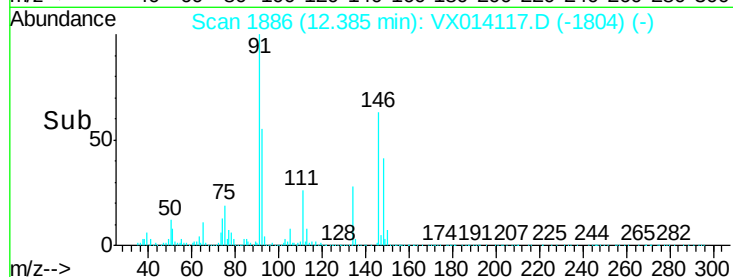
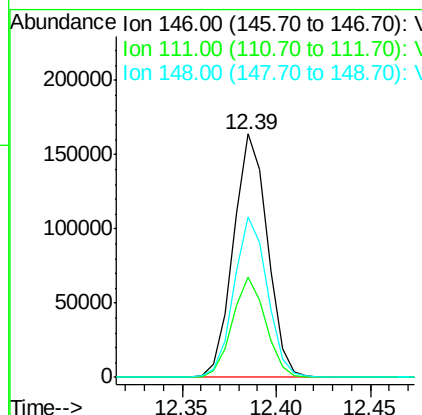
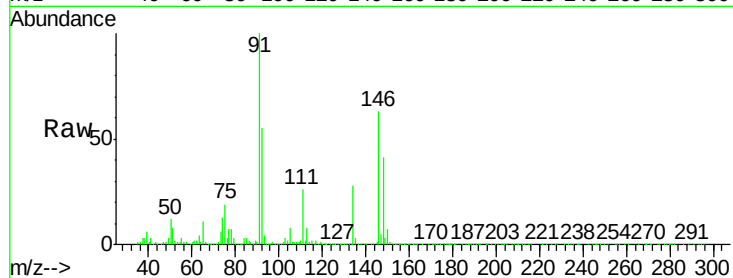
#87
 1,2-Dichlorobenzene
 Concen: 18.003 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014117.D
 Acq: 19 Dec 2019 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	205990		
111	40.0	20.1	60.2	
148	64.3	32.0	96.2	

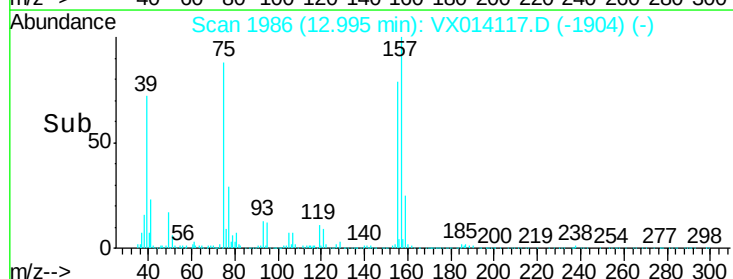
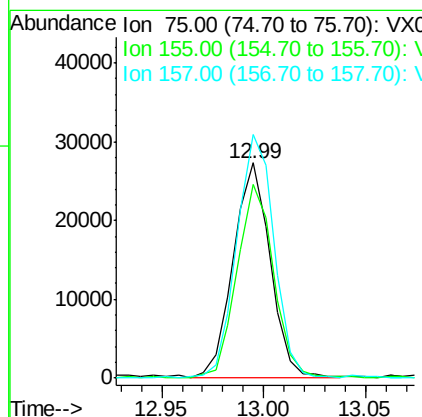
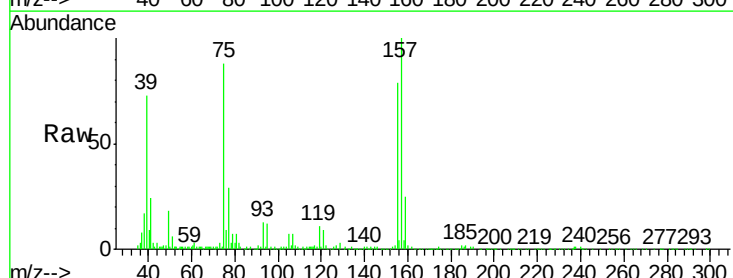
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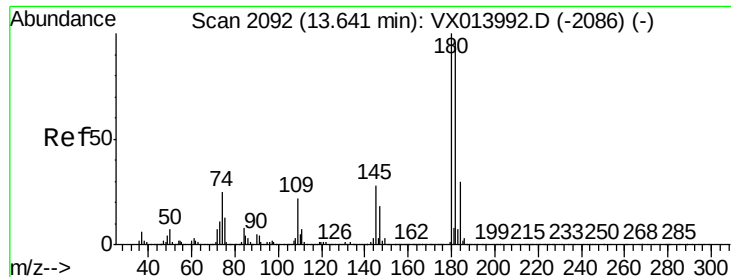
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.079 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014117.D
 Acq: 19 Dec 2019 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	34361		
155	88.0	73.8	110.6	
157	113.6	95.0	142.4	





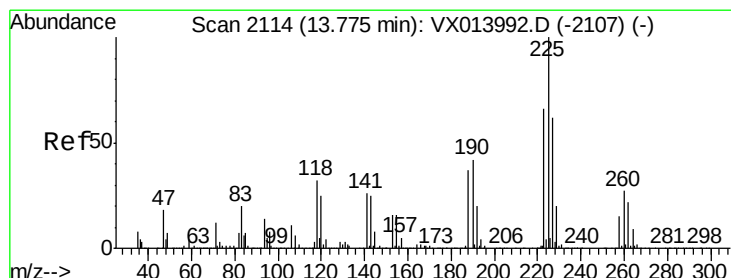
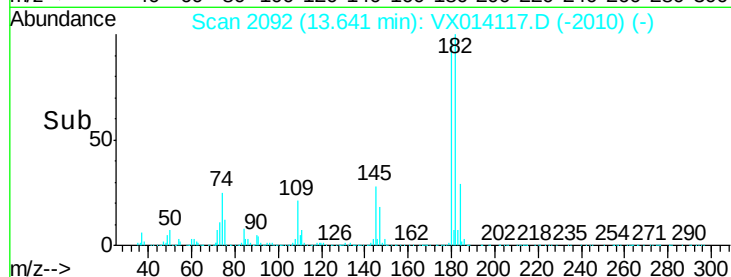
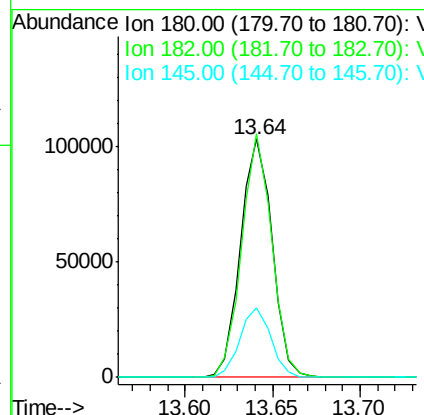
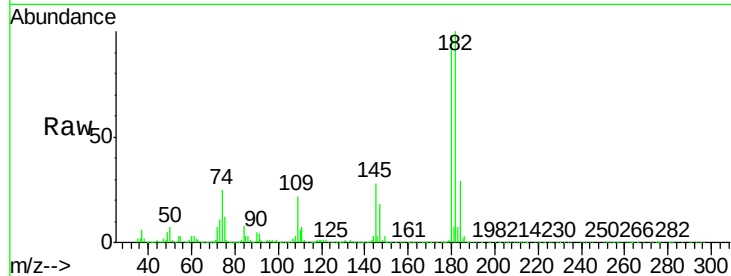
#89
1,2,4-Trichlorobenzene
Concen: 17.827 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	130364		
182	96.5	76.4	114.6	
145	28.8	21.9	32.9	

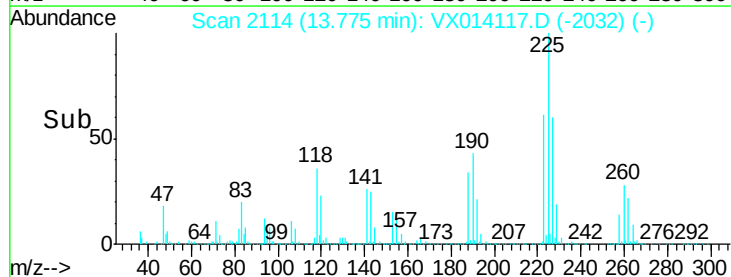
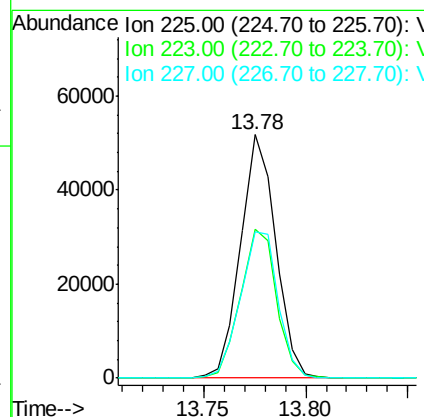
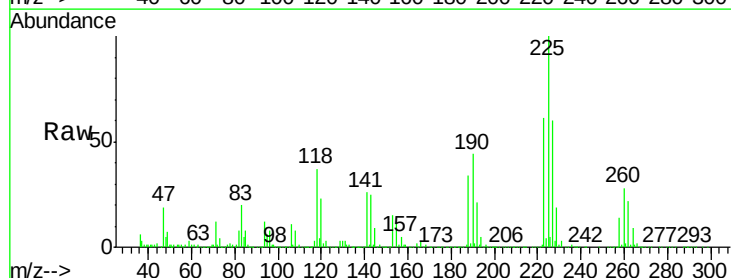
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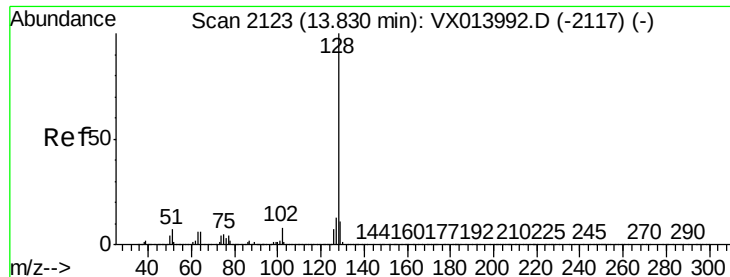
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#90
Hexachlorobutadiene
Concen: 17.818 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	61936		
223	63.2	0.0	127.4	
227	64.8	0.0	122.8	





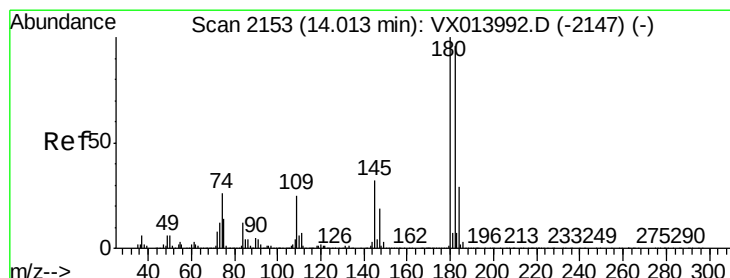
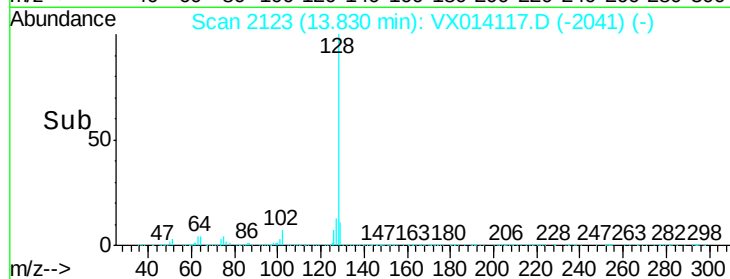
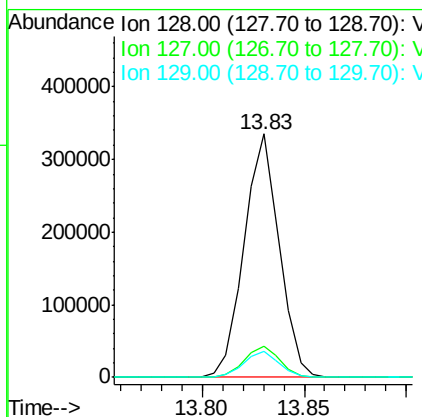
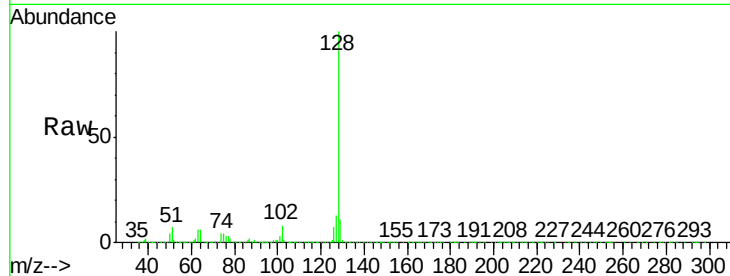
#91
Naphthalene
Concen: 18.199 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	400012		
127	13.1		10.4	15.6
129	11.0		8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 18.051 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014117.D
Acq: 19 Dec 2019 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	133890		
182	94.3		0.0	192.8
145	30.3		0.0	60.0

