

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
 Data File : VX014071.D
 Acq On : 18 Dec 2019 00:21
 Operator : JC/SP
 Sample : VX1217WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1217WBS02

Manual Integrations
 APPROVED

apatel
 12/18/2019 11:05:19 AM

Quant Time: Dec 18 08:10:19 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	5.01	128	95902	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	525315	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	474359	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	201683	29.36	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.87%
60) 4-Bromofluorobenzene	11.14	95	223108	29.13	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.10%
63) Toluene-d8	8.71	98	648400	30.58	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.93%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	83078	17.149	ug/l 100
3) Chloromethane	1.32	50	127782	18.715	ug/l 100
4) Vinyl Chloride	1.40	62	131864	18.840	ug/l 98
5) Bromomethane	1.63	94	80748	15.782	ug/l 96
6) Chloroethane	1.72	64	84851	19.626	ug/l 100
7) Trichlorofluoromethane	1.92	101	161042	18.490	ug/l 100
8) Diethyl Ether	2.18	74	77899	19.458	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	95284	18.343	ug/l 98
10) 1,1-Dichloroethene	2.37	96	100634	18.739	ug/l 97
11) Methyl Iodide	2.50	142	123131	17.811	ug/l 96
12) Methyl Acetate	2.76	43	168074	20.216	ug/l 100
13) Acrolein	2.28	56	97452	96.645	ug/l 94
14) Acrylonitrile	3.13	53	325808	100.247	ug/l 99
15) Acetone	2.43	58	151988	159.191	ug/l 85
16) Carbon Disulfide	2.56	76	269168	18.502	ug/l 97
17) Allyl chloride	2.72	41	179896	18.642	ug/l 98
18) Methylene Chloride	2.85	84	118996	18.084	ug/l 95
19) trans-1,2-Dichloroethene	3.16	96	109650	18.646	ug/l 98
20) Diisopropyl ether	3.84	45	368554	18.613	ug/l 94
21) 1,1-Dichloroethane	3.69	63	201641	18.763	ug/l 98
22) cis-1,2-Dichloroethene	4.59	96	123753	18.153	ug/l 98
23) tert-Butyl Alcohol	3.03	59	137959	108.222	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	335475	18.493	ug/l 99
25) Chloroform	5.20	83	196620	19.190	ug/l 95
26) Cyclohexane	5.57	56	174137	18.172	ug/l 97
29) 1,1-Dichloropropene	5.79	75	144146	18.997	ug/l 99
30) 2-Butanone	4.66	43	549938	122.959	ug/l 99
31) 2,2-Dichloropropane	4.58	77	125223	17.840	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	158755	18.915	ug/l 99
33) Carbon Tetrachloride	5.78	117	134072	18.792	ug/l 94
34) Benzene	6.14	78	456355	19.288	ug/l 99
35) Methacrylonitrile	5.03	41	97918	20.356	ug/l 95
36) 1,2-Dichloroethane	6.19	62	156424	19.032	ug/l 99
37) Trichloroethene	7.20	130	131327	20.398	ug/l 99
38) Methylcyclohexane	7.46	83	168888	18.659	ug/l 96
39) 1,2-Dichloropropane	7.51	63	116261	18.919	ug/l 96
40) Dibromomethane	7.65	93	76658	19.527	ug/l 99

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Manual Integrations
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Quant Time: Dec 18 08:10:19 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)
41) Bromodichloromethane	7.89	83	143599	18.891	ug/l	95
42) Vinyl Acetate	3.80	43	878703	55.647	ug/l	97
43) Ethyl Acetate	4.83	43	176076	20.517	ug/l	99
44) Isopropyl Acetate	6.43	43	279424	19.440	ug/l	99
45) 1,4-Dioxane	7.73	88	55850	414.920	ug/l	98
46) Methyl methacrylate	7.76	41	134606	19.280	ug/l	97
47) n-amyl Acetate	10.89	43	228565	17.884	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	151791	18.296	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	175291	18.788	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	116242	19.187	ug/l	99
51) Ethyl methacrylate	9.17	69	182073	18.893	ug/l	96
52) 1,3-Dichloropropane	9.37	76	199658	19.397	ug/l	100
53) Dibromochloromethane	9.57	129	114151	18.843	ug/l	98
54) 1,2-Dibromoethane	9.67	107	120020	19.241	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	393296	92.581	ug/l	99
56) Bromoform	10.85	173	83939	17.768	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	905610	102.035	ug/l	100
59) 2-Hexanone	9.48	43	743282	110.352	ug/l	99
61) Tetrachloroethene	9.33	164	176274	28.090	ug/l	98
62) Toluene	8.78	91	481330	19.078	ug/l	99
64) Chlorobenzene	10.14	112	298050	18.857	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.21	131	109861	18.771	ug/l	98
66) Ethyl Benzene	10.25	91	518613	18.784	ug/l	99
67) m/p-Xylenes	10.36	106	399549	37.856	ug/l	99
68) o-Xylene	10.70	106	192984	18.457	ug/l	99
69) Styrene	10.71	104	320296	18.014	ug/l	99
70) Isopropylbenzene	11.01	105	510980	18.912	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	158726	16.565	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	166451m	19.516	ug/l	
73) Bromobenzene	11.25	156	132445	18.363	ug/l	99
74) n-propylbenzene	11.35	91	568012	18.535	ug/l	99
75) 2-Chlorotoluene	11.42	91	342206	18.480	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	416844	18.186	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	50891	18.069	ug/l	90
78) 4-Chlorotoluene	11.51	91	382607	18.082	ug/l	99
79) tert-butylbenzene	11.76	119	354988	16.068	ug/l	92
80) 1,2,4-Trimethylbenzene	11.80	105	416950	18.193	ug/l	100
81) sec-Butylbenzene	11.94	105	479039	18.230	ug/l	98
82) p-Isopropyltoluene	12.06	119	429498	18.111	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	224035	17.820	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	222517	17.775	ug/l	99
85) n-Butylbenzene	12.39	91	350725	17.590	ug/l	99
86) Hexachloroethane	12.59	117	74476	17.312	ug/l	93
87) 1,2-Dichlorobenzene	12.39	146	226436	17.733	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	34108	17.859	ug/l	92
89) 1,2,4-Trichlorobenzene	13.64	180	138872	17.016	ug/l	97
90) Hexachlorobutadiene	13.78	225	66859	17.235	ug/l	97
91) Naphthalene	13.83	128	441979	18.018	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	143576	17.345	ug/l	100

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MSVOA_X
ClientSampleId :
VX1217WBS02

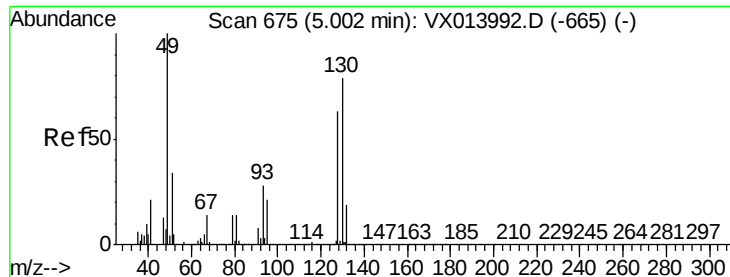
Manual Integrations
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Quant Time: Dec 18 08:10:19 2019
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

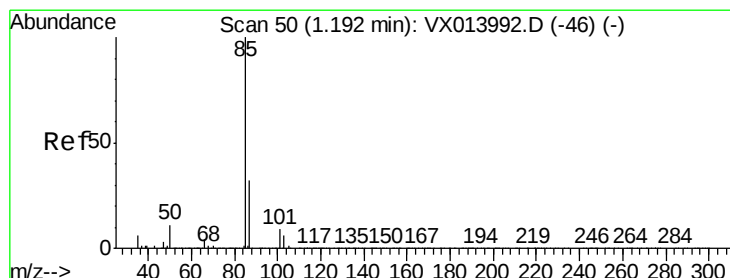
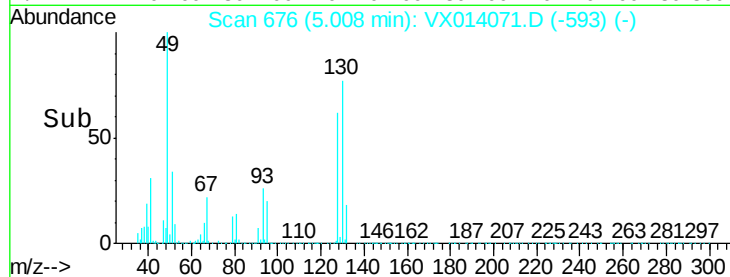
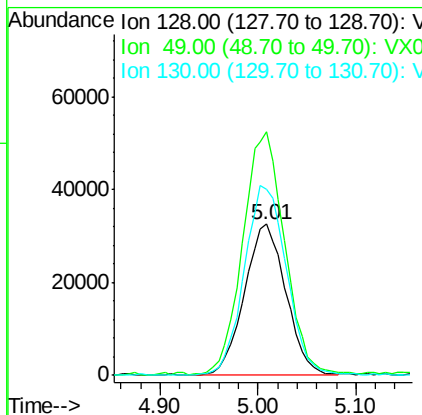
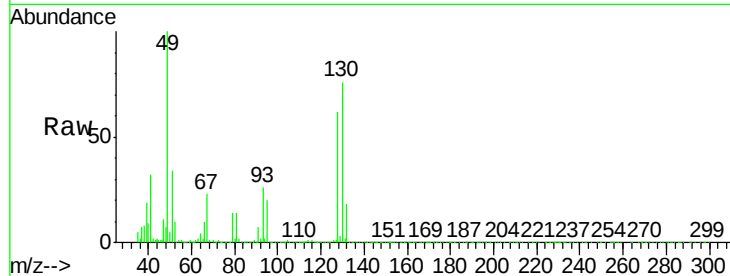
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX014071.D
 Acq: 18 Dec 2019 00:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
49	161.3	0.0	405.0
130	128.3	0.0	321.5

Manual Integrations
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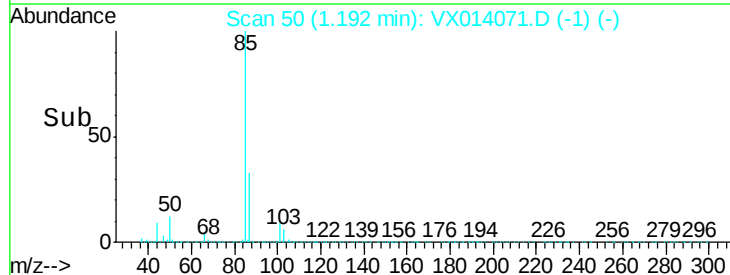
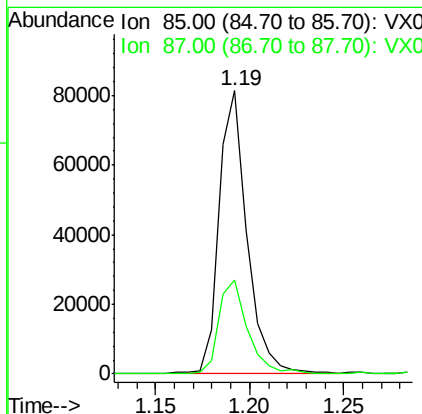
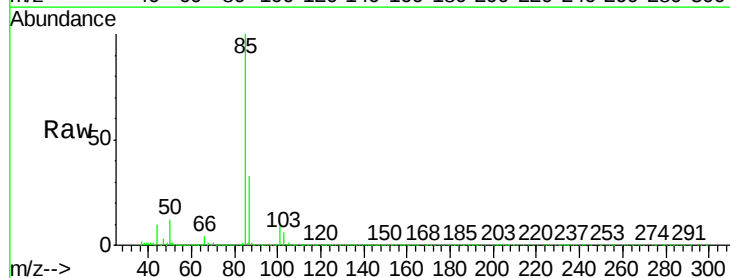
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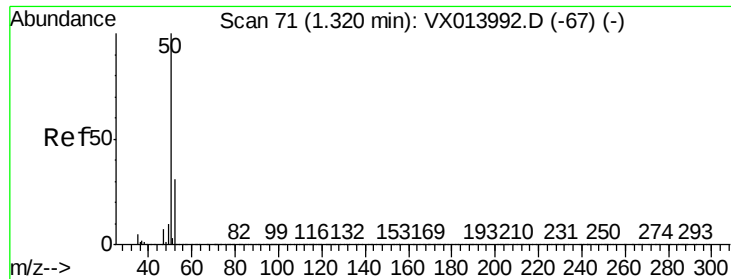


#2

Dichlorodifluoromethane
 Concen: 17.149 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014071.D
 Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.3	48.9





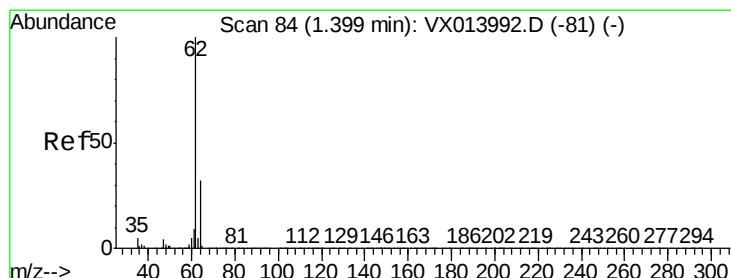
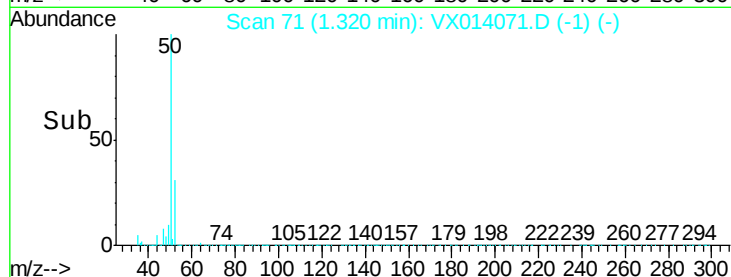
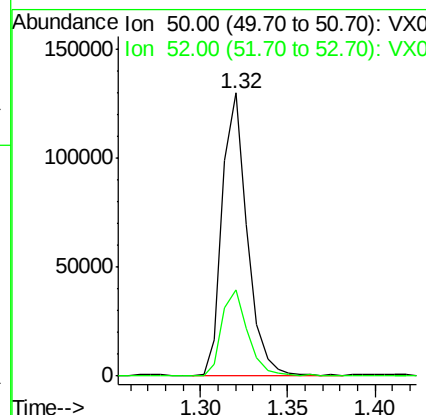
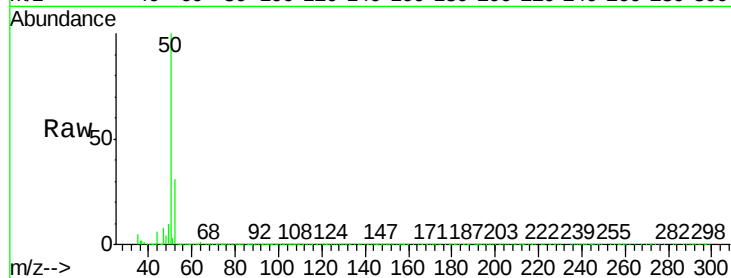
#3
Chloromethane
Concen: 18.715 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

Tot Ion: 50 Resp: 127782
Ion Ratio Lower Upper
50 100
52 30.5 24.3 36.5

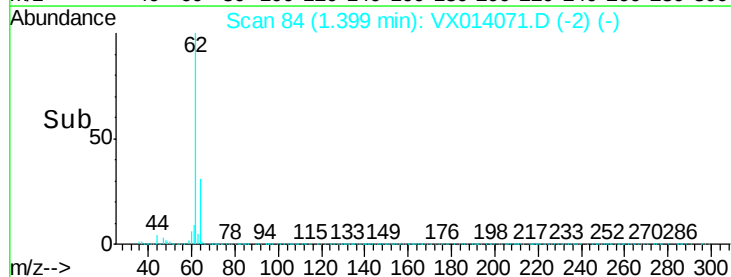
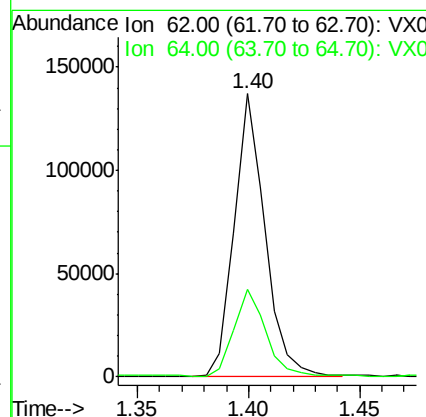
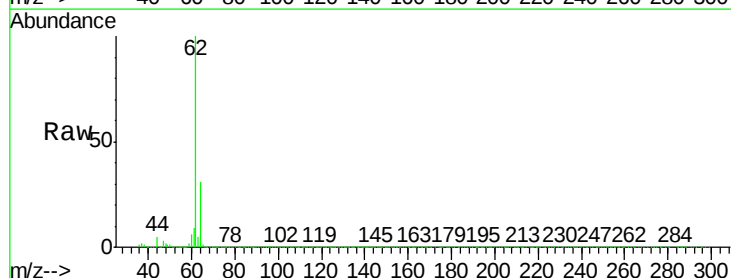
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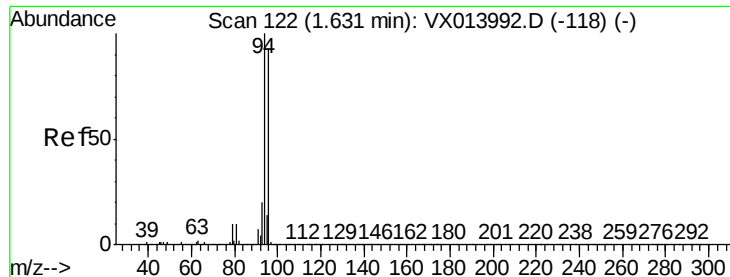
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#4
Vinyl Chloride
Concen: 18.840 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion: 62 Resp: 131864
Ion Ratio Lower Upper
62 100
64 30.6 25.2 37.8





#5

Bromomethane

Concen: 15.782 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

Tot Ion: 94 Resp: 80748

Ion Ratio Lower Upper

94 100

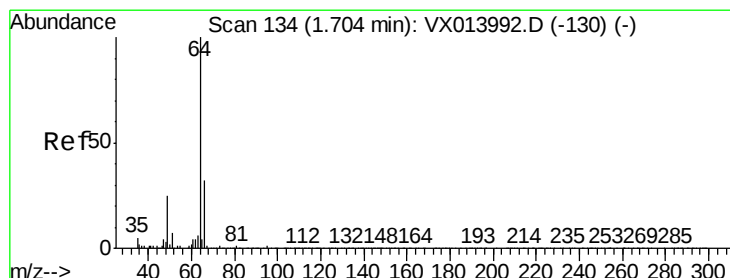
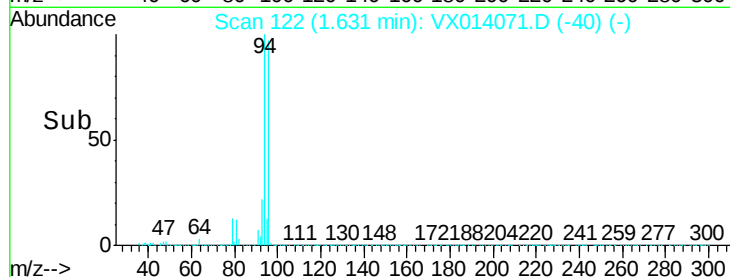
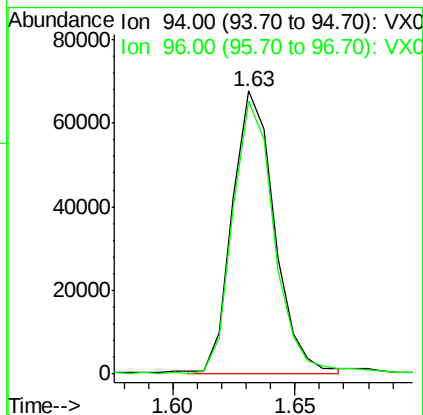
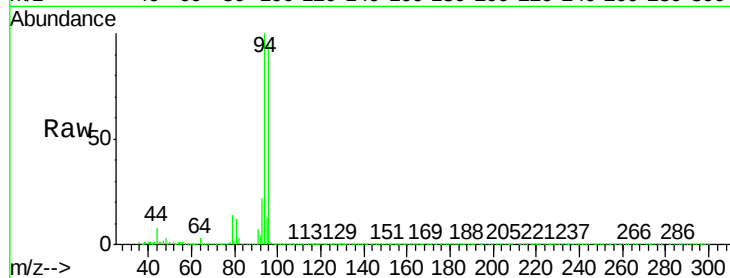
96 96.9 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 19.626 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014071.D

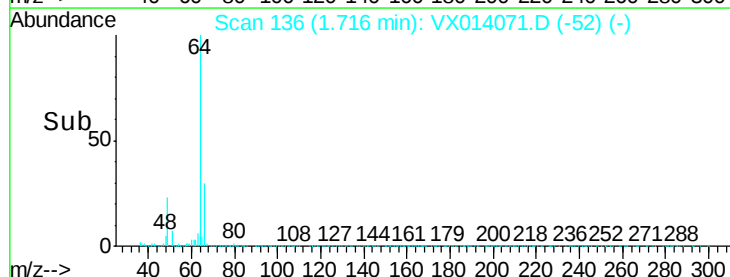
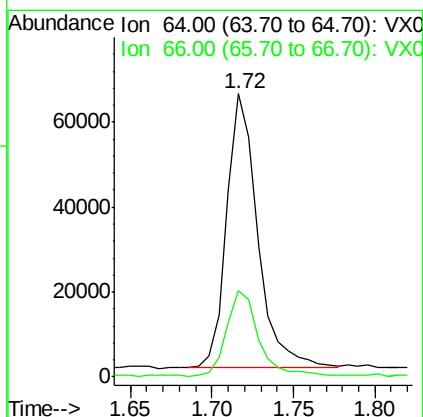
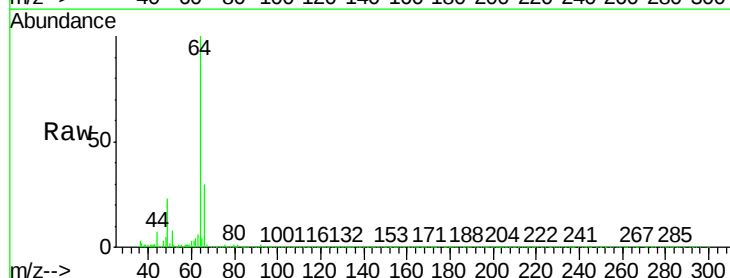
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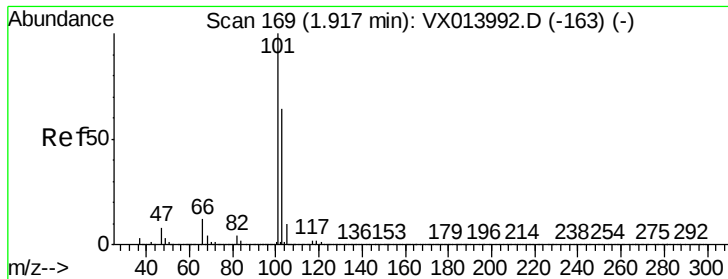
Tgt Ion: 64 Resp: 84851

Ion Ratio Lower Upper

64 100

66 31.4 25.2 37.8





#7

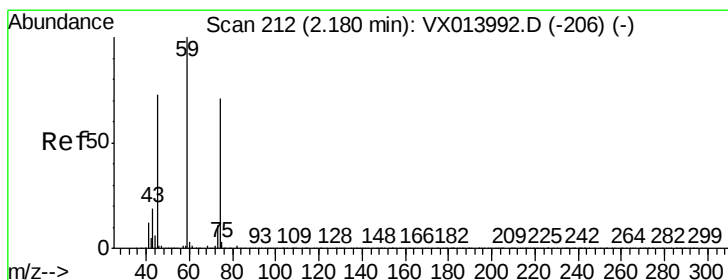
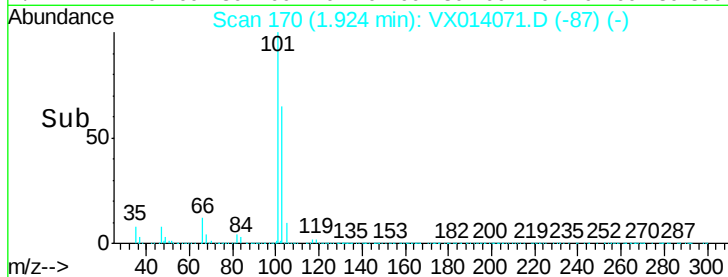
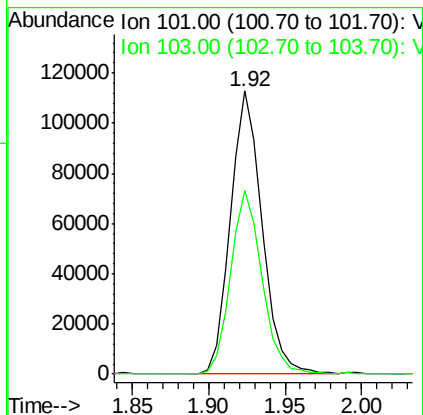
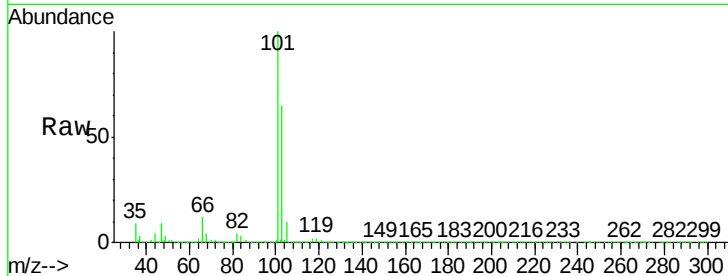
Trichlorofluoromethane
Concen: 18.490 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Instrument :
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ClientSampleId :
VX1217WBS02

Tot Ion	Ion	Ratio	Lower	Upper
161042	101	100		
	103	64.5	51.6	77.4

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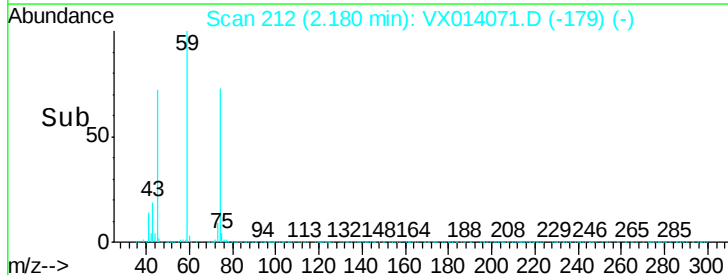
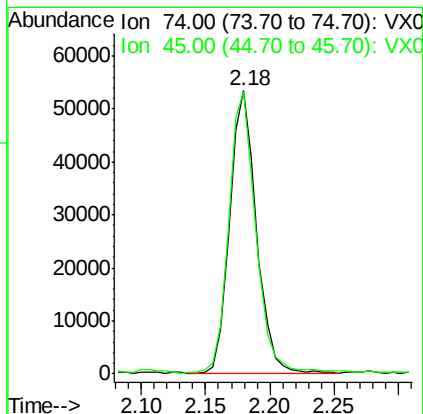
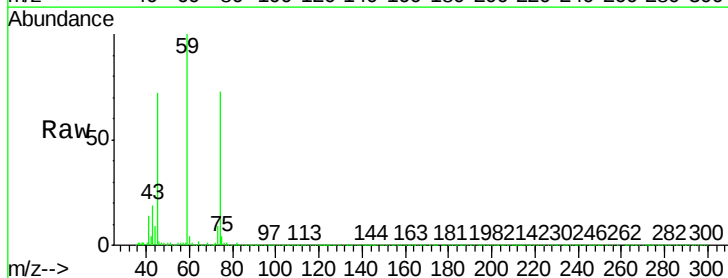
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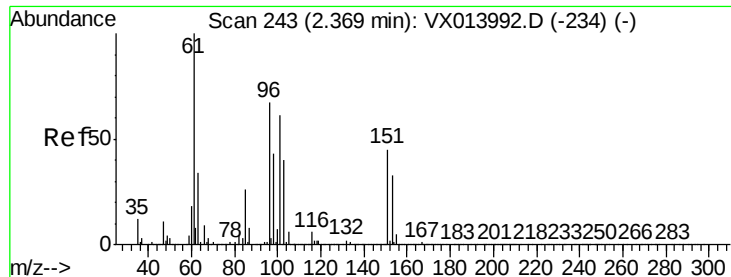


#8

Diethyl Ether
Concen: 19.458 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion	Ion	Ratio	Lower	Upper
77899	74	100		
	45	100.4	20.6	185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.343 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

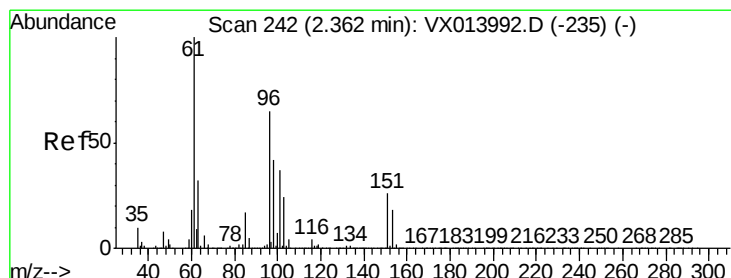
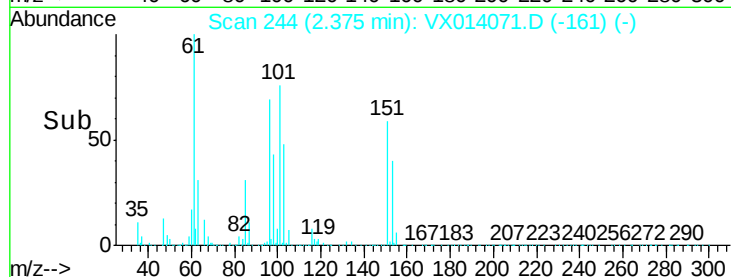
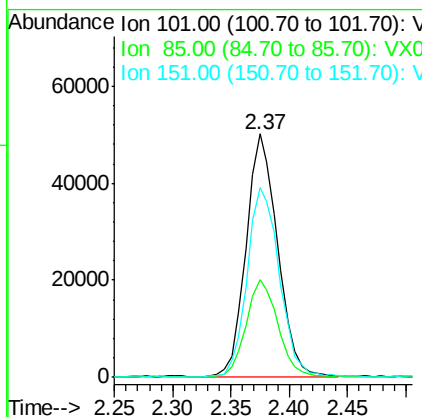
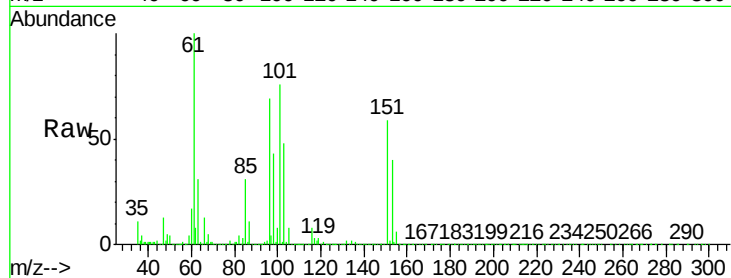
ClientSampleId :

VX1217WBS02

Tot Ion:	101	Resp:	95284
Ion Ratio	Lower	Upper	
101	100		
85	40.2	0.0	85.6
151	80.0	0.0	159.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.739 ug/l

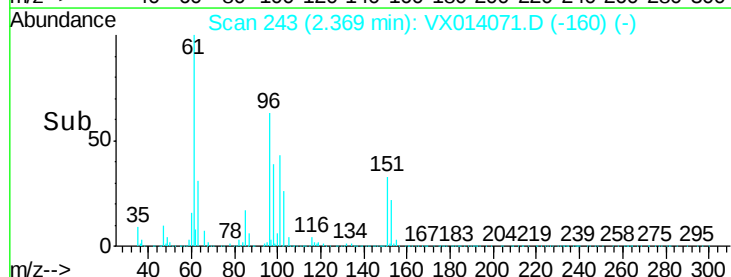
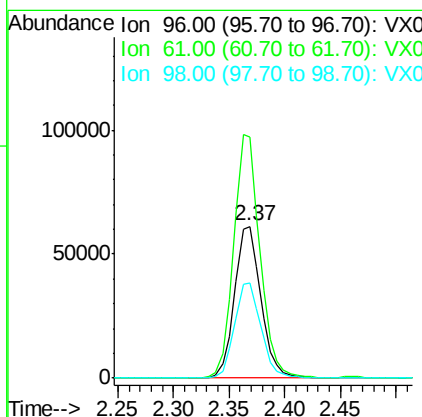
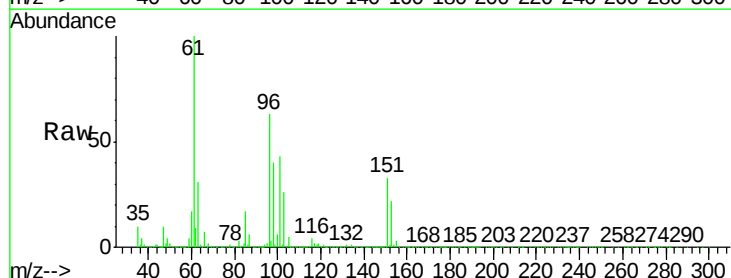
RT: 2.37 min Scan# 243

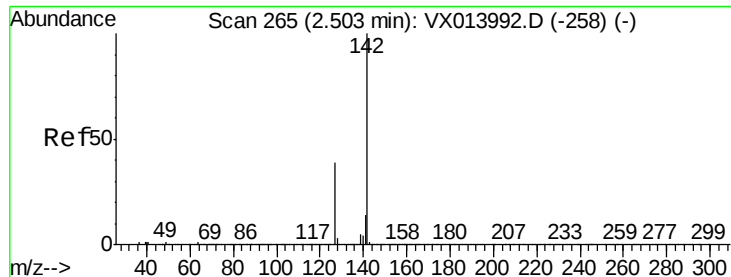
Delta R.T. 0.01 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Tgt Ion:	96	Resp:	100634
Ion Ratio	Lower	Upper	
96	100		
61	158.8	123.0	184.6
98	62.5	51.4	77.0





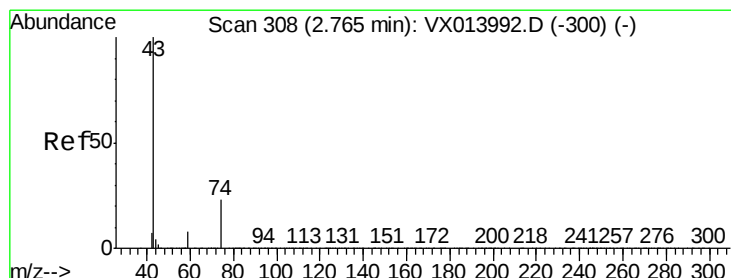
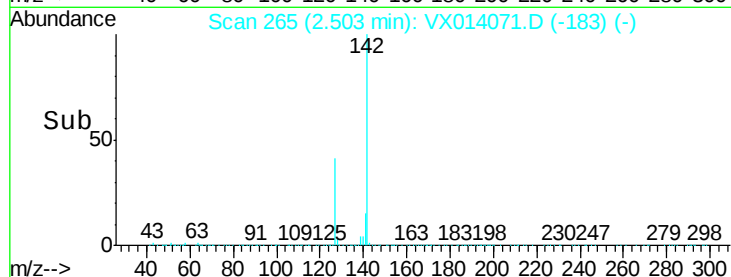
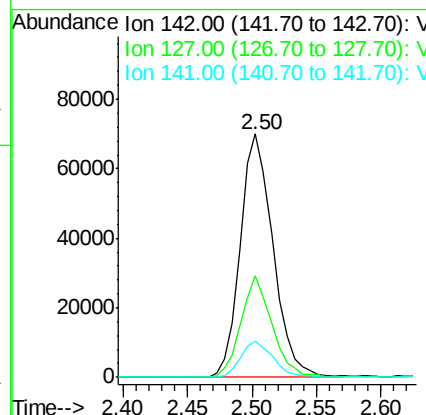
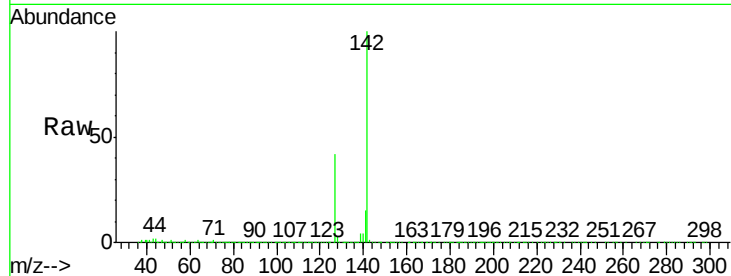
#11
Methyl Iodide
Concen: 17.811 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

Tot Ion	Ratio	Lower	Upper
142	100		
127	41.5	19.5	58.5
141	14.9	7.0	20.9

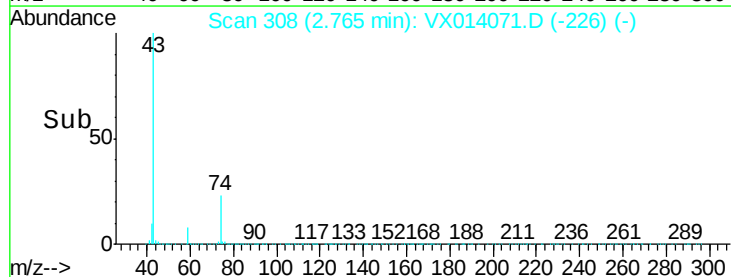
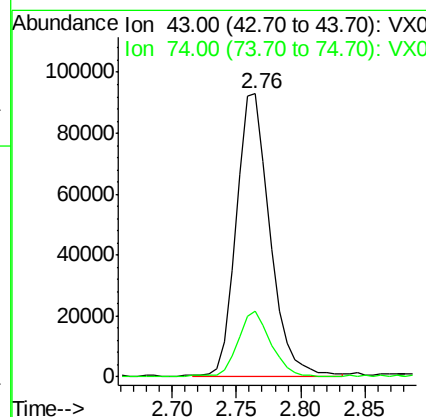
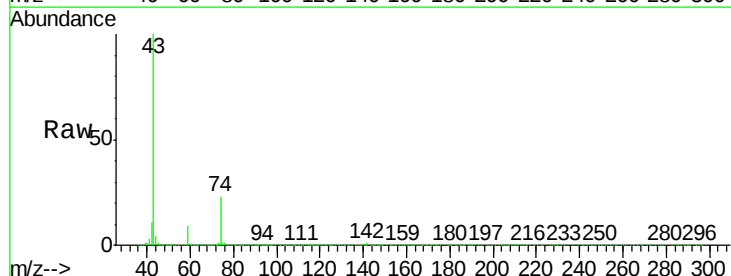
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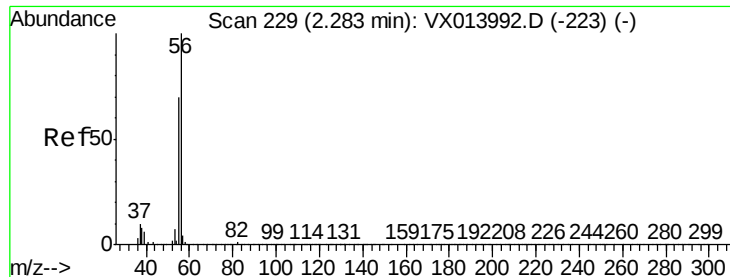
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#12
Methyl Acetate
Concen: 20.216 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.5	27.7





#13

Acrolein

Concen: 96.645 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

Tot Ion: 56 Resp: 97452

Ion Ratio Lower Upper

56 100

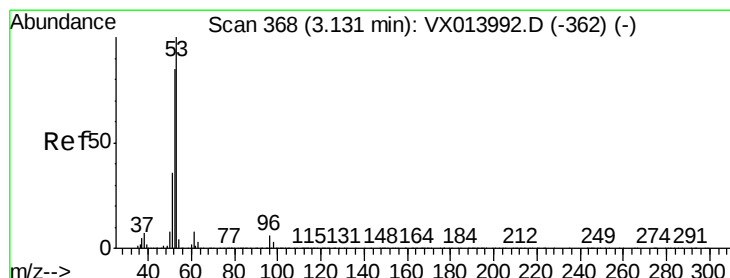
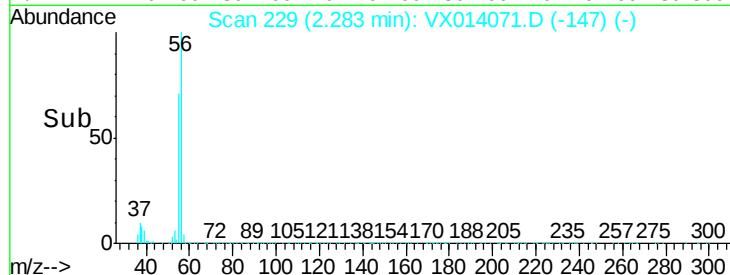
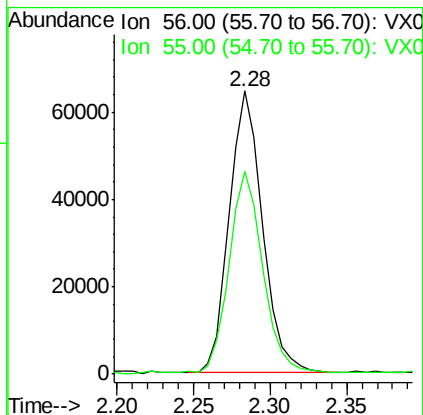
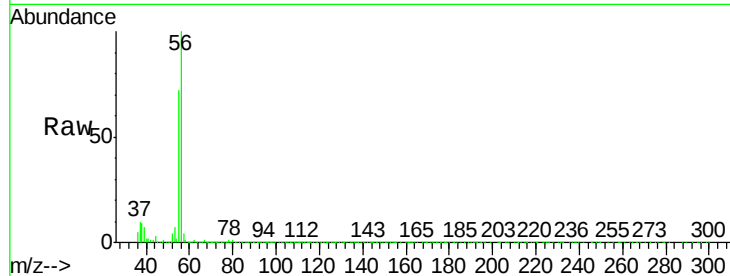
55 73.4 54.9 82.3

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#14

Acrylonitrile

Concen: 100.247 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

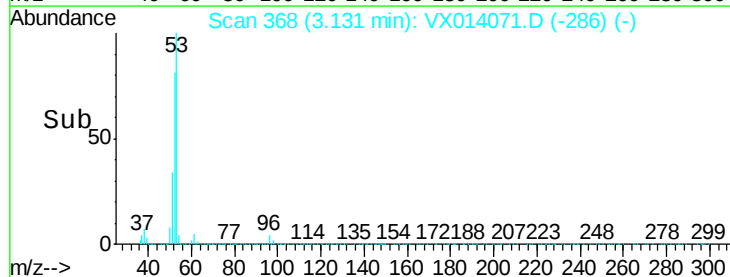
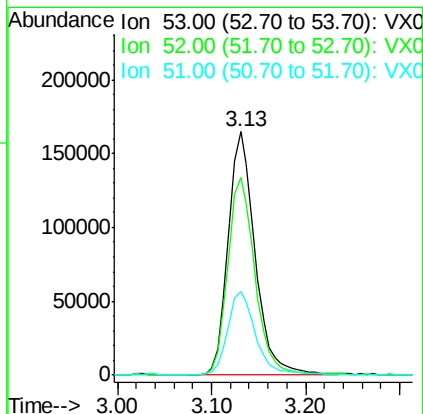
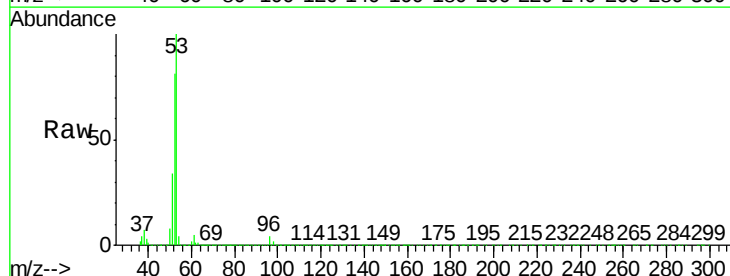
Tgt Ion: 53 Resp: 325808

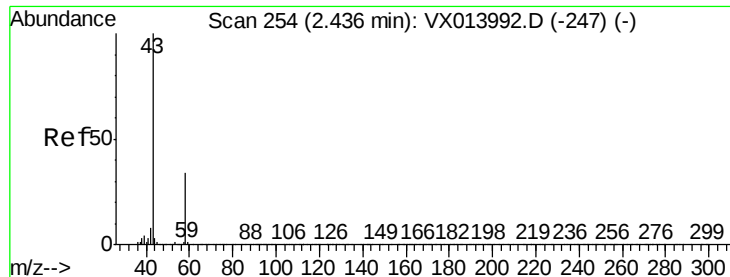
Ion Ratio Lower Upper

53 100

52 81.9 41.5 124.6

51 35.6 17.8 53.5





#15

Acetone

Concen: 159.191 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

Tot Ion: 58 Resp: 151988

Ion Ratio Lower Upper

58 100

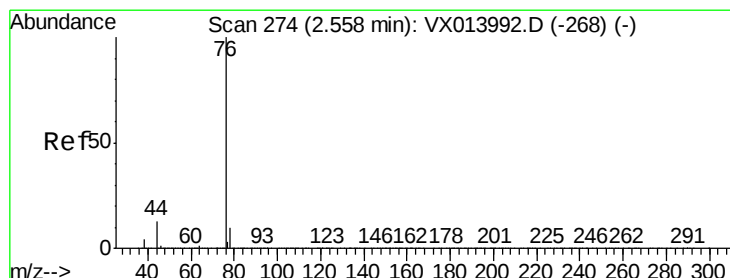
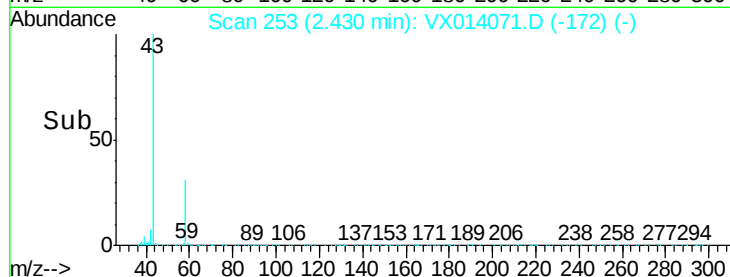
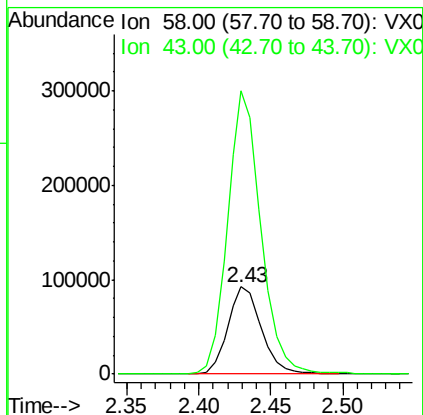
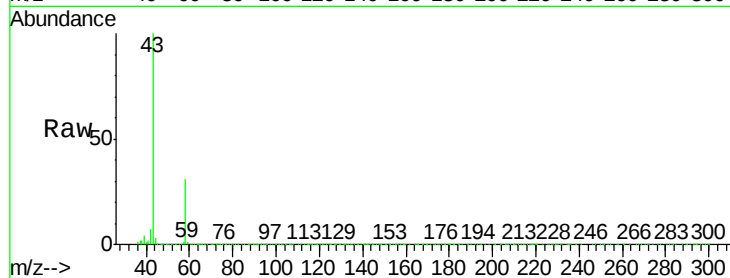
43 323.9 236.3 354.5

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#16

Carbon Disulfide

Concen: 18.502 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014071.D

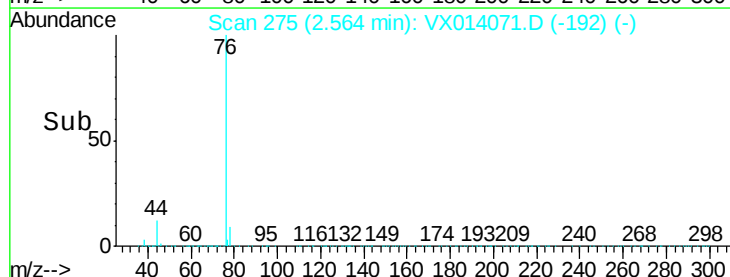
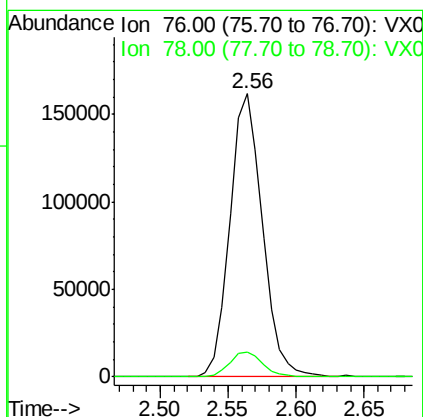
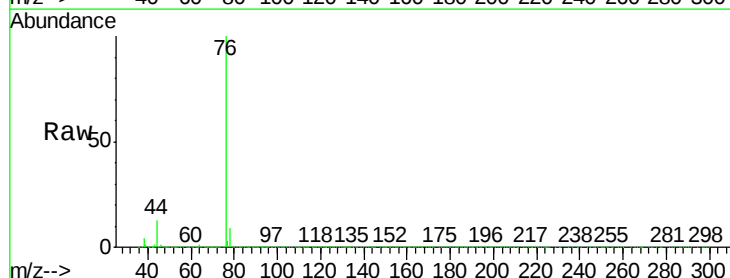
Acq: 18 Dec 2019 00:21

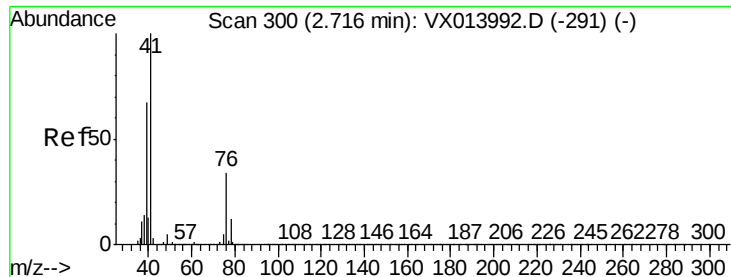
Tgt Ion: 76 Resp: 269168

Ion Ratio Lower Upper

76 100

78 8.8 7.8 11.8





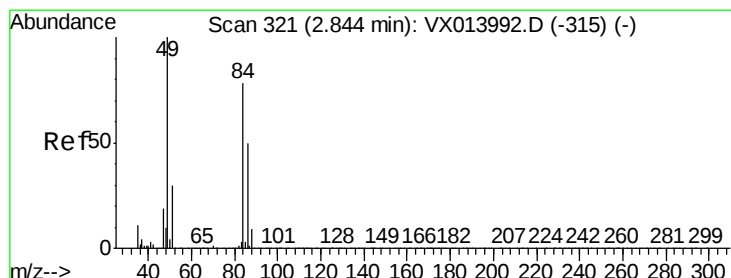
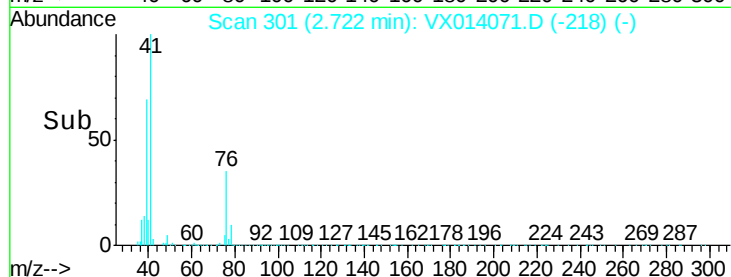
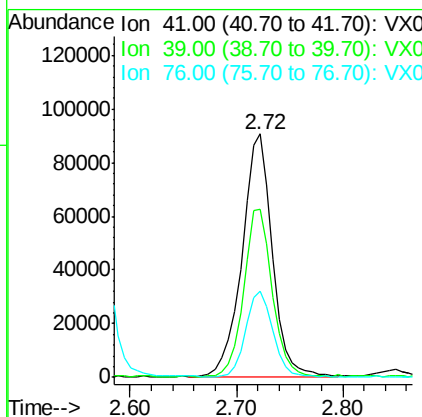
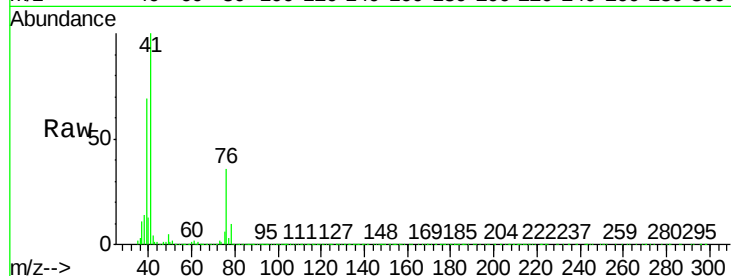
#17
Allvl chloride
Concen: 18.642 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	68.7	33.4	100.2
76	35.4	17.0	50.9

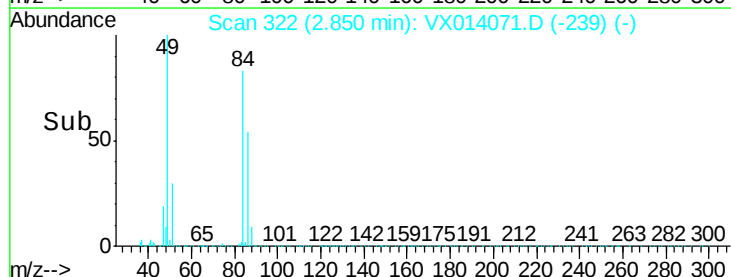
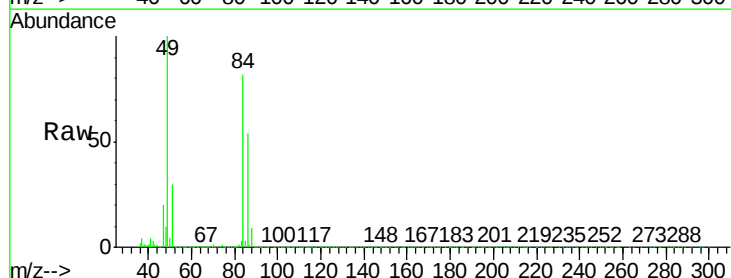
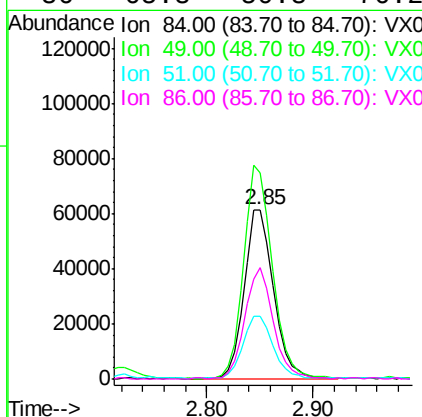
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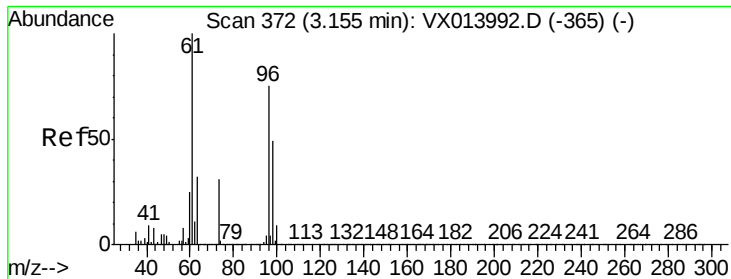
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#18
Methylene Chloride
Concen: 18.084 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.5	102.2	153.2
51	36.4	31.4	47.0
86	65.8	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 18.646 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

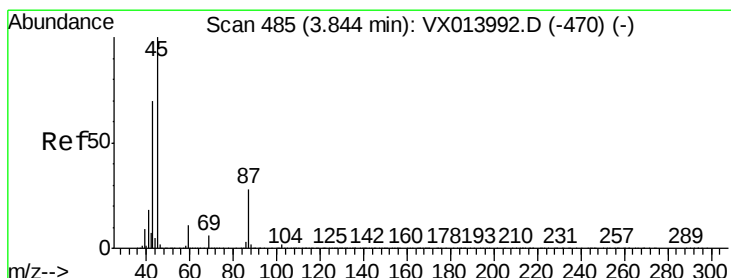
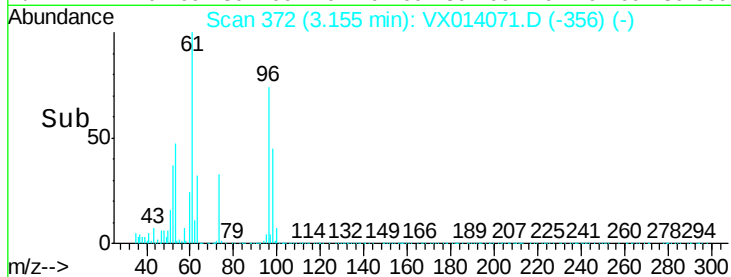
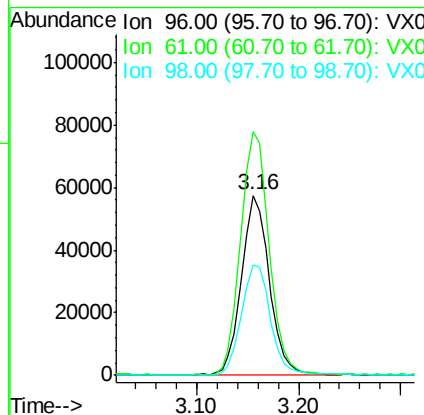
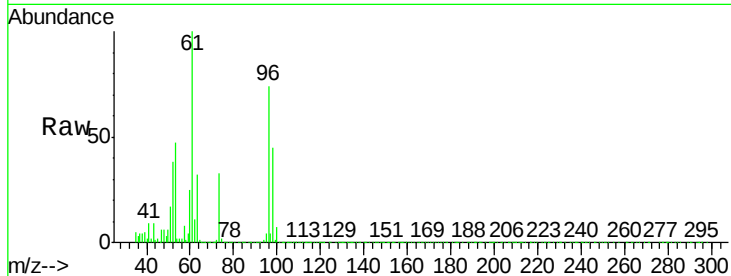
ClientSampleId :

VX1217WBS02

Tot Ion:	96	Resp:	109650
Ion Ratio	Lower	Upper	
96	100		
61	135.1	106.6	159.8
98	61.4	51.6	77.4

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#20

Diisopropyl ether

Concen: 18.613 ug/l

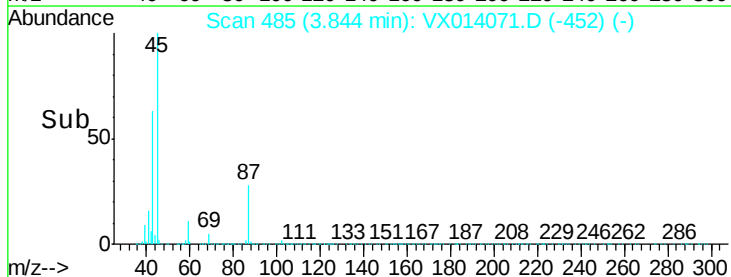
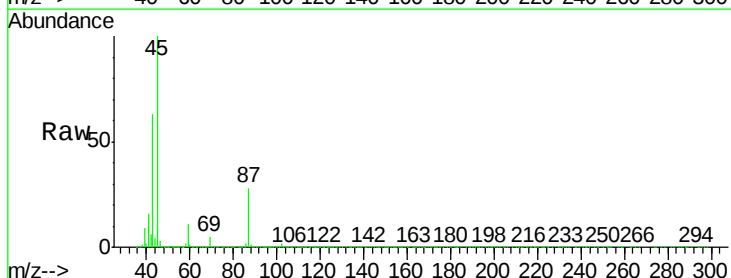
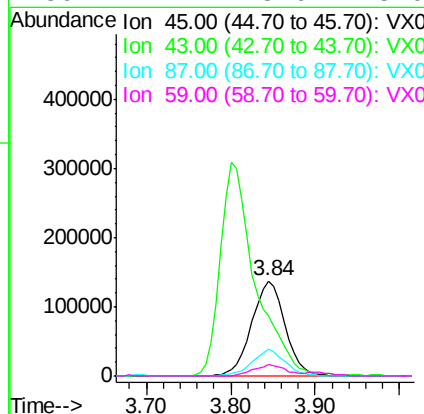
RT: 3.84 min Scan# 485

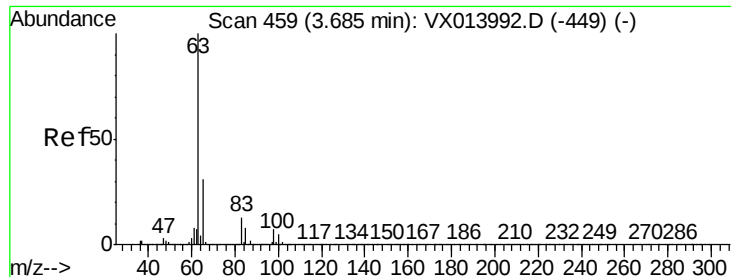
Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Tgt Ion:	45	Resp:	368554
Ion Ratio	Lower	Upper	
45	100		
43	62.9	55.9	83.9
87	27.5	22.2	33.2
59	11.4	8.6	13.0





#21

1,1-Dichloroethane

Concen: 18.763 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

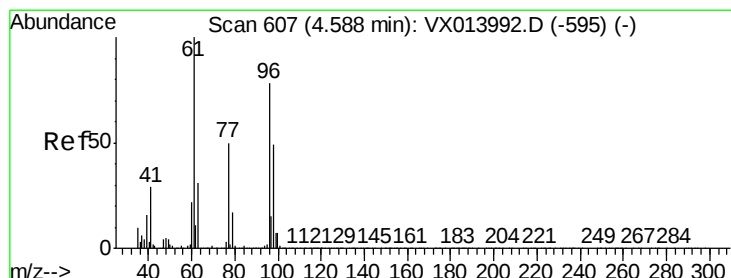
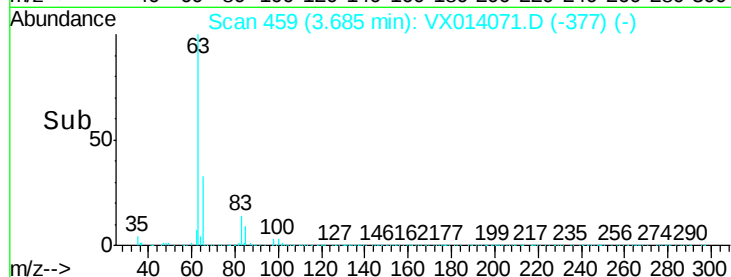
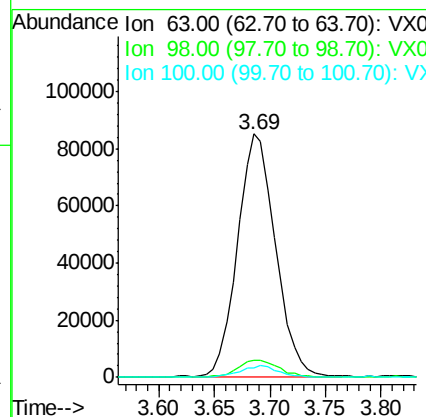
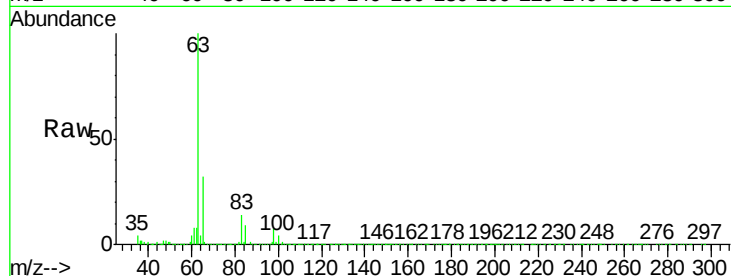
ClientSampleId :

VX1217WBS02

Tot Ion:	63	Resp:	201641
Ion Ratio		Lower	Upper
63	100		
98	6.8	3.4	10.1
100	3.8	2.5	7.4

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#22

cis-1,2-Dichloroethene

Concen: 18.153 ug/l

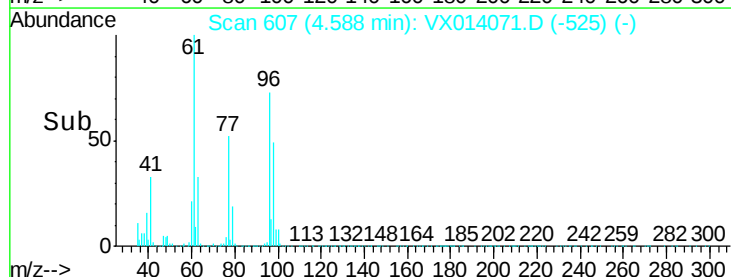
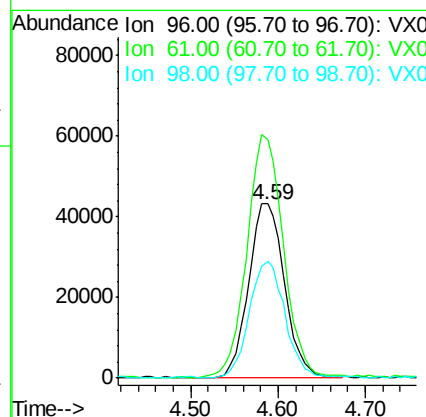
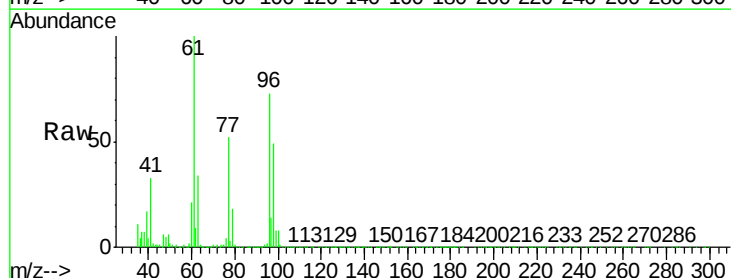
RT: 4.59 min Scan# 607

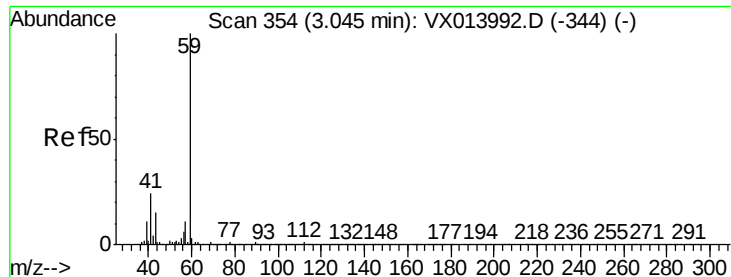
Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Tgt Ion:	96	Resp:	123753
Ion Ratio		Lower	Upper
96	100		
61	142.0	112.4	168.6
98	65.7	50.3	75.5





#23

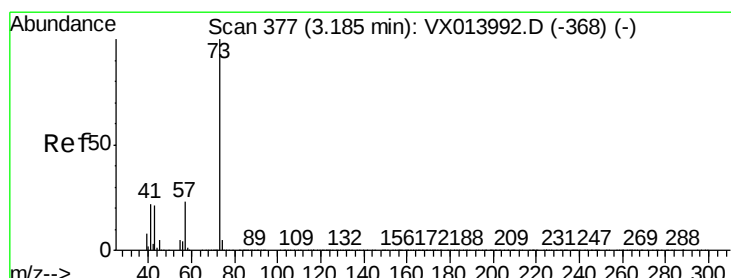
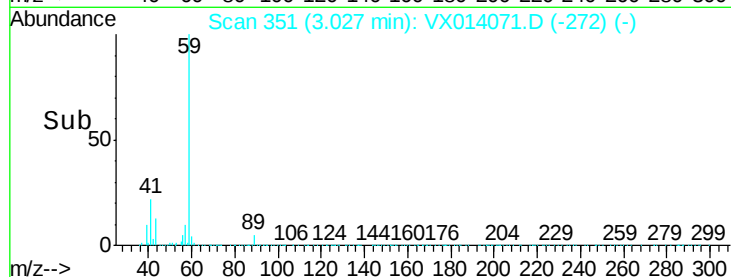
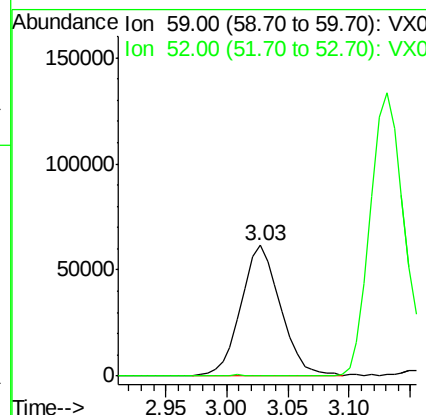
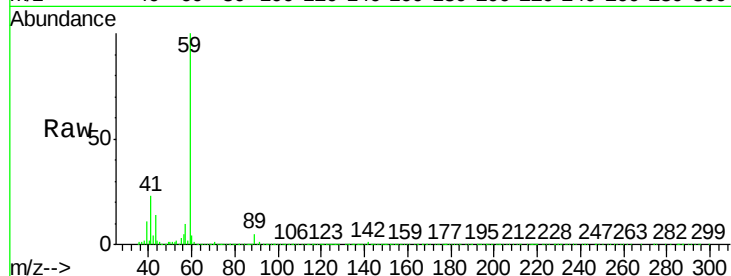
tert-Butyl Alcohol
Concen: 108.222 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.2	0.2#

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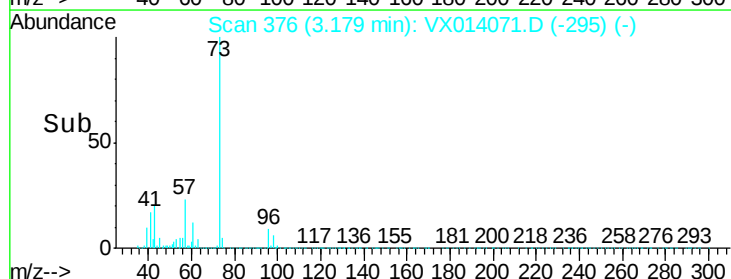
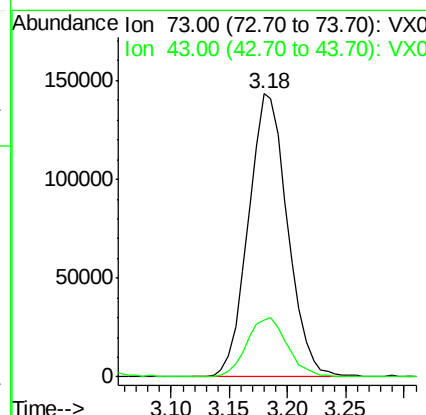
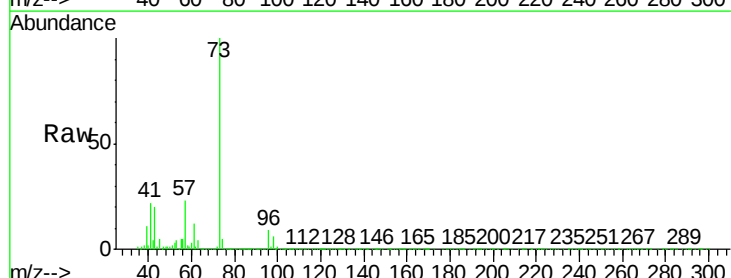
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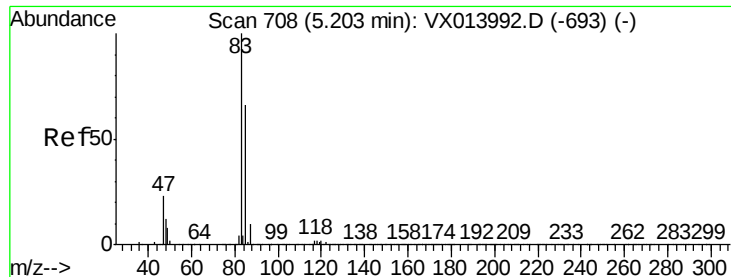


#24

Methyl tert-Butyl Ether
Concen: 18.493 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.0	16.6	25.0





#25

Chloroform

Concen: 19.190 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

Tot Ion: 83 Resp: 196620

Ion Ratio Lower Upper

83 100

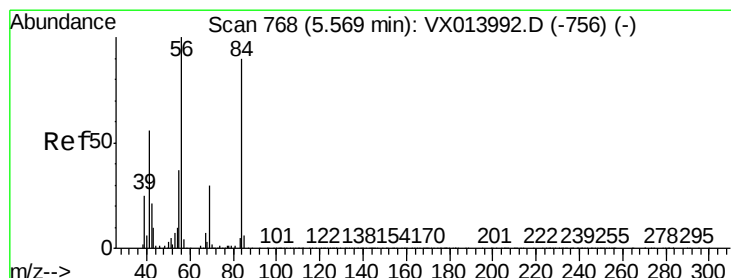
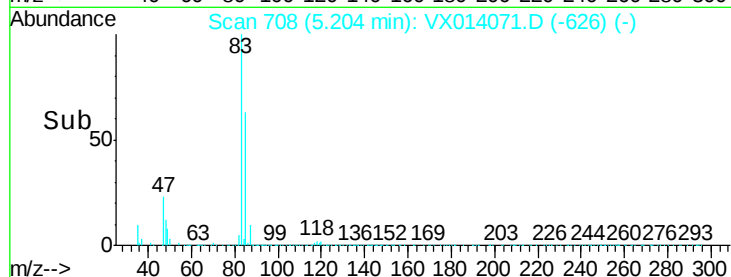
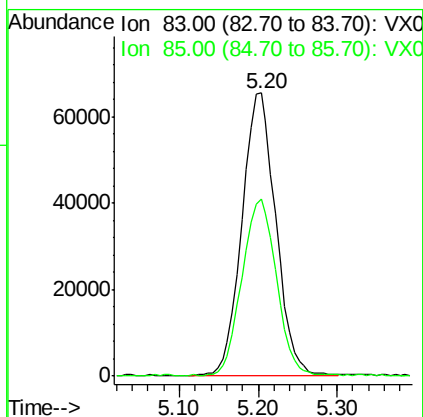
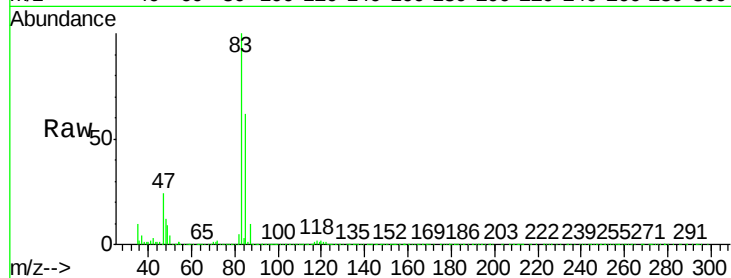
85 61.9 52.7 79.1

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#26

Cyclohexane

Concen: 18.172 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

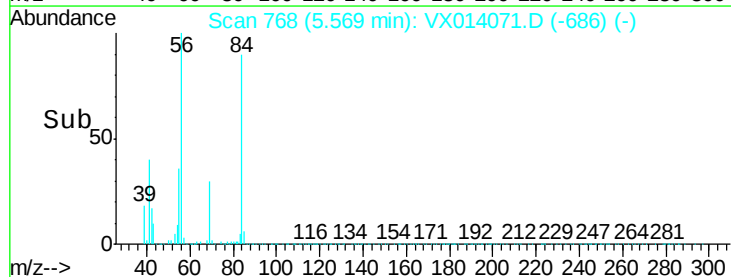
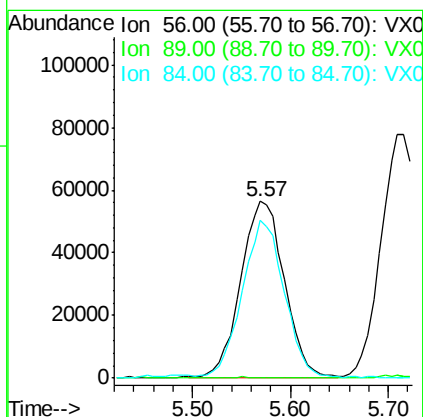
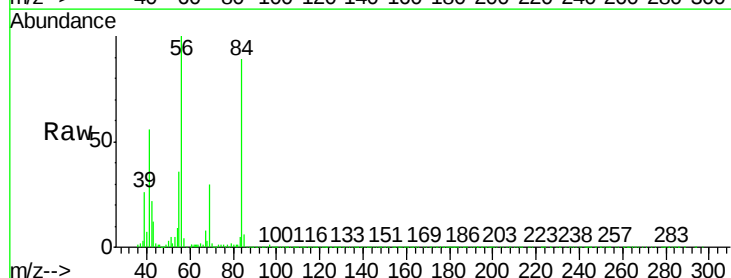
Tgt Ion: 56 Resp: 174137

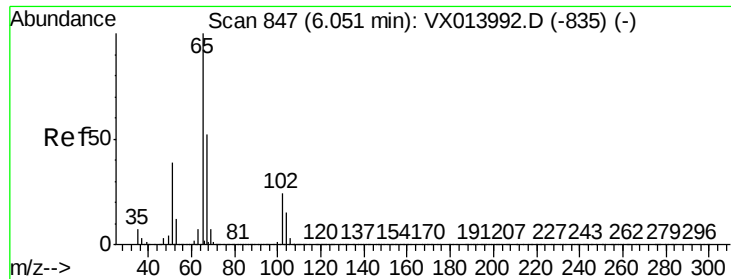
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1

84 86.0 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 29.365 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

Tot Ion: 65 Resp: 201683

Ion Ratio Lower Upper

65 100

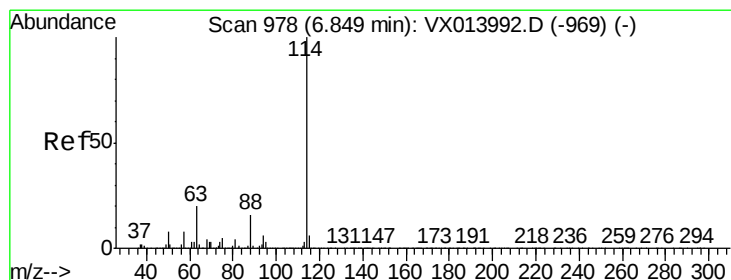
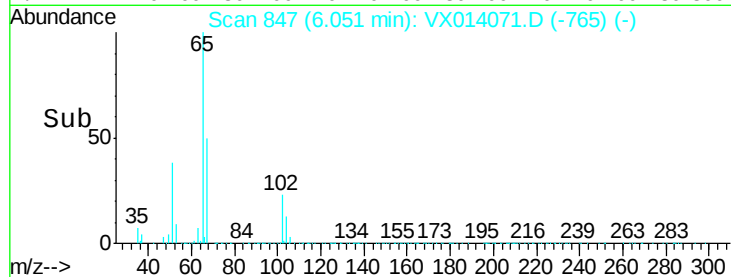
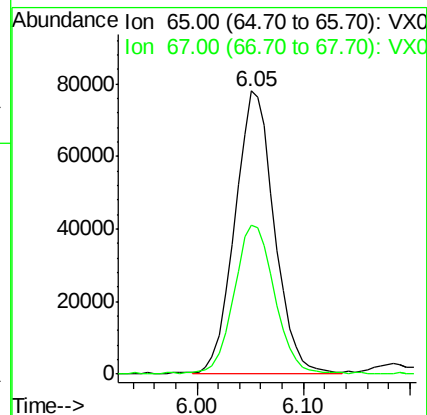
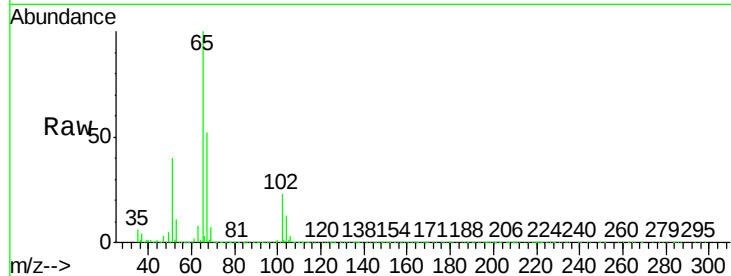
67 53.7 43.1 64.7

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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: VX014071.D

Acq: 18 Dec 2019 00:21

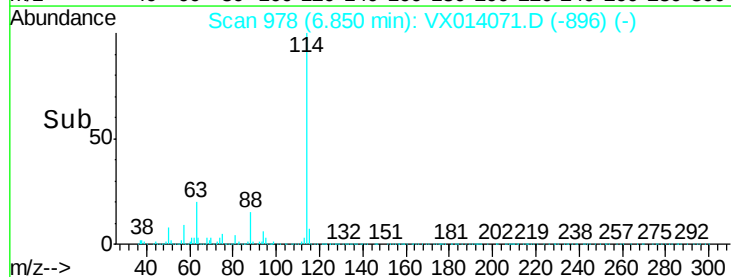
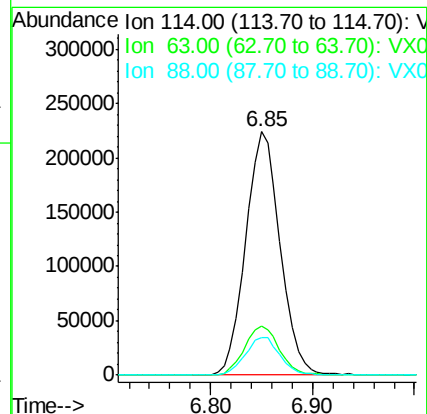
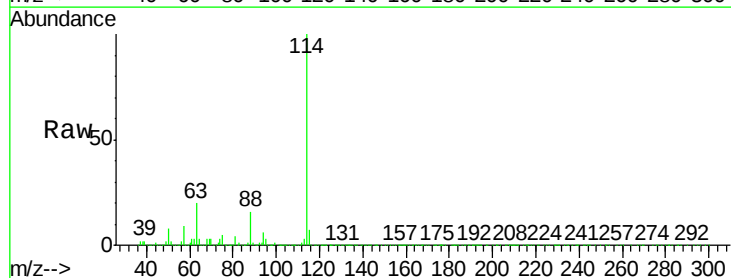
Tgt Ion: 114 Resp: 525315

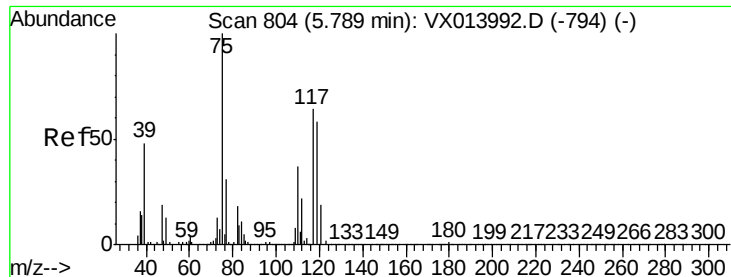
Ion Ratio Lower Upper

114 100

63 20.0 16.1 24.1

88 15.7 12.5 18.7





#29

1,1-Dichloropropene

Concen: 18.997 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

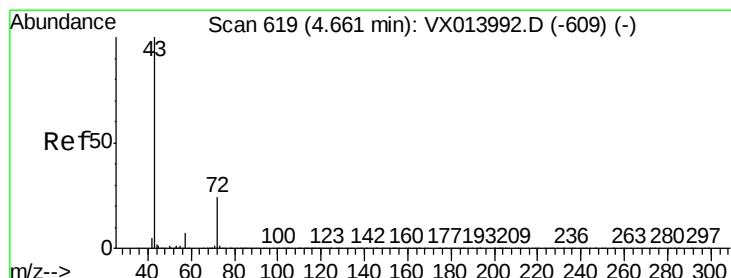
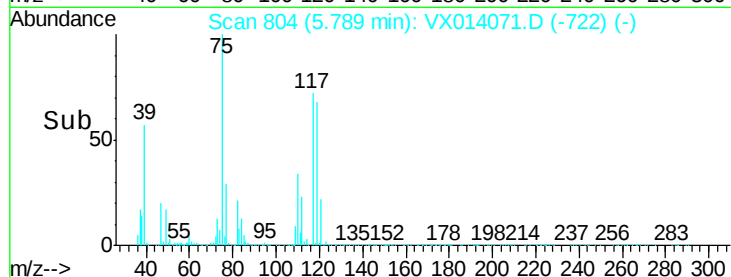
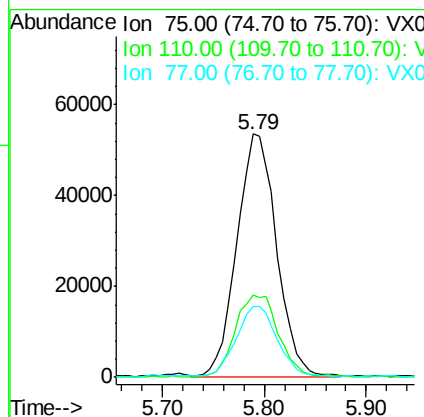
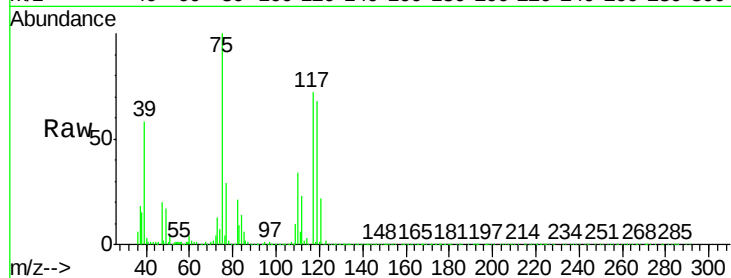
ClientSampleId :

VX1217WBS02

Tot Ion:	75	Resp:	144146
Ion Ratio	Lower	Upper	
75	100		
110	36.5	0.0	73.8
77	29.9	0.0	62.4

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#30

2-Butanone

Concen: 122.959 ug/l

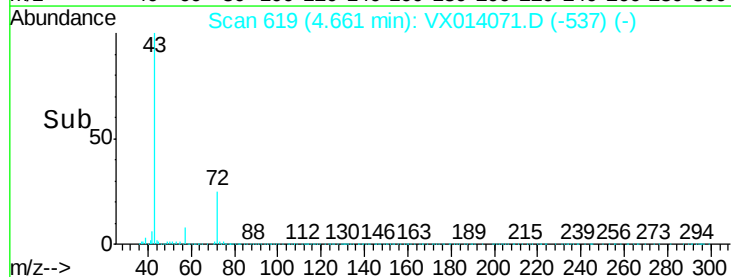
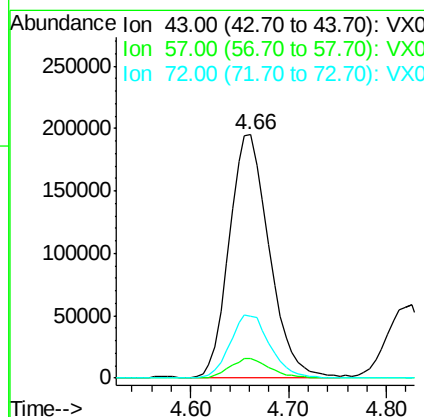
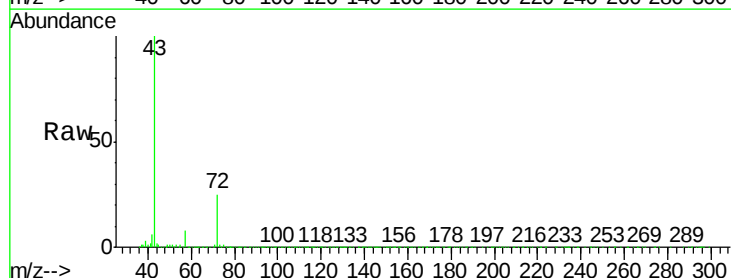
RT: 4.66 min Scan# 619

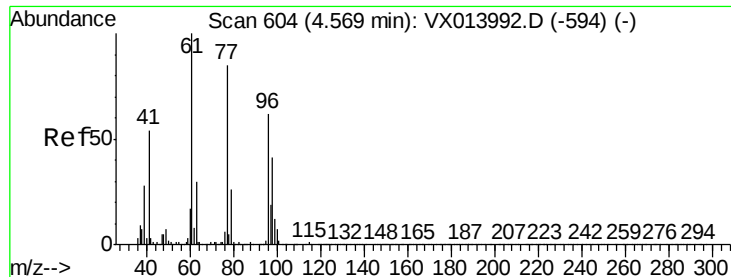
Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Tgt Ion:	43	Resp:	549938
Ion Ratio	Lower	Upper	
43	100		
57	7.9	6.2	9.2
72	25.7	20.3	30.5





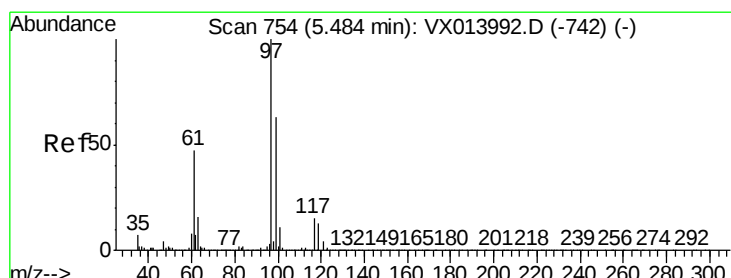
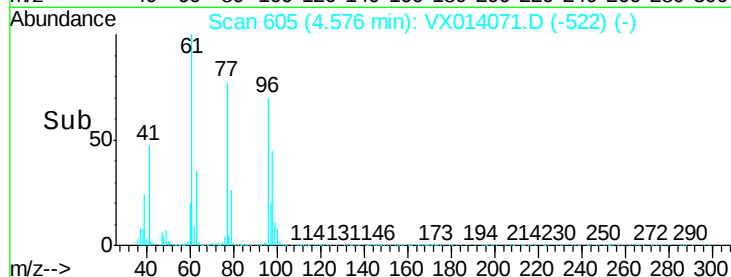
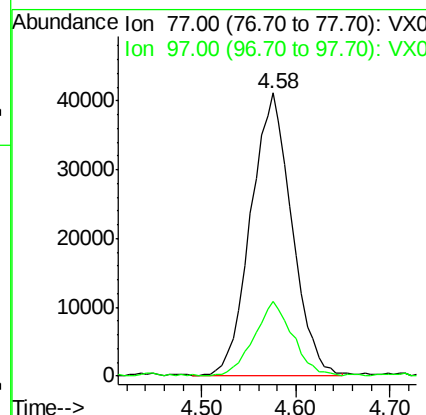
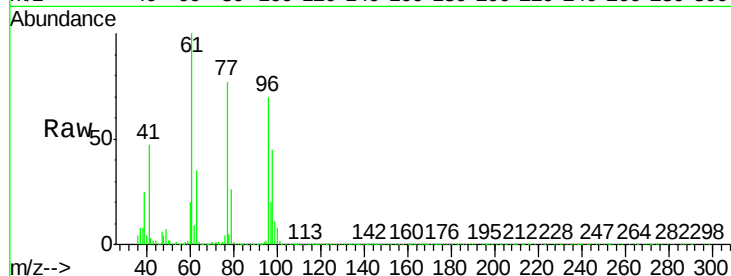
#31
2,2-Dichloropropane
Concen: 17.840 ug/l
RT: 4.58 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

Tot Ion	Ratio	Lower	Upper
77	100		
97	24.9	19.7	29.5

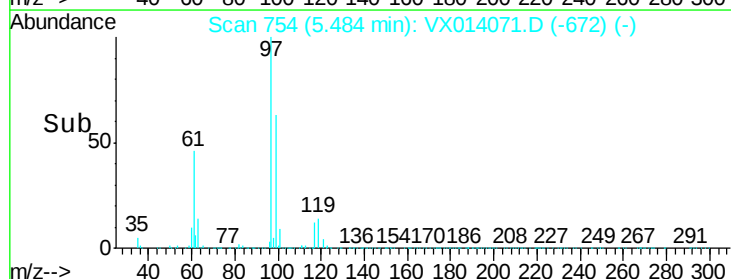
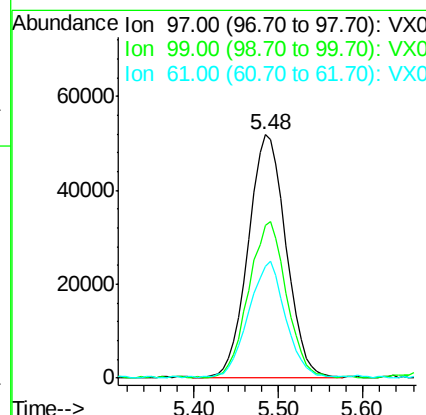
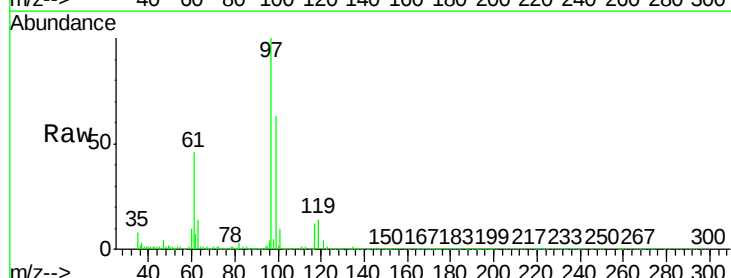
Manual Integrations
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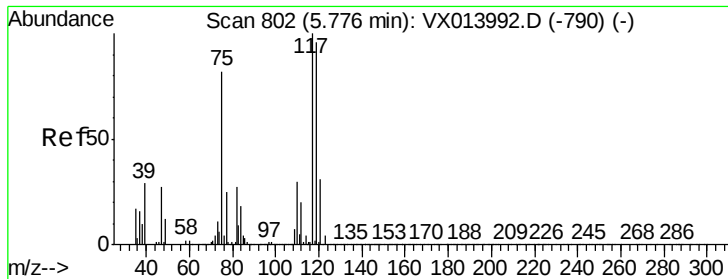
apatel
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#32
1,1,1-Trichloroethane
Concen: 18.915 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.9	77.9
61	45.5	36.8	55.2





#33

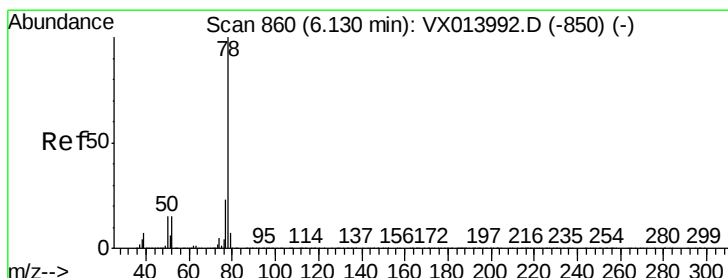
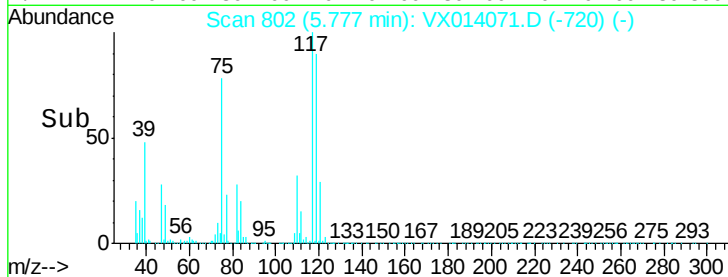
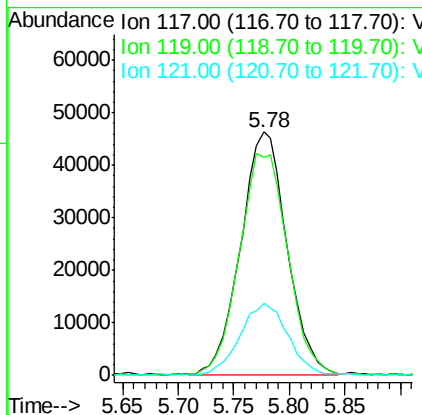
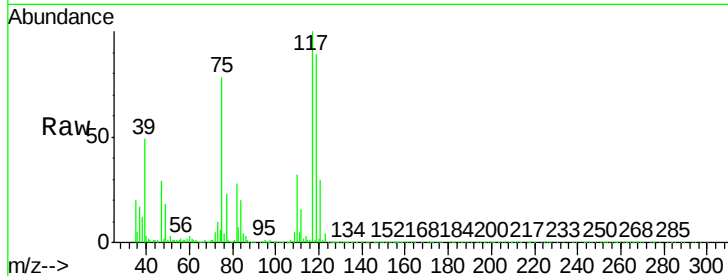
Carbon Tetrachloride
 Concen: 18.792 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VX014071.D
 Acq: 18 Dec 2019 00:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
119	89.3	77.2	115.8
121	29.2	24.8	37.2

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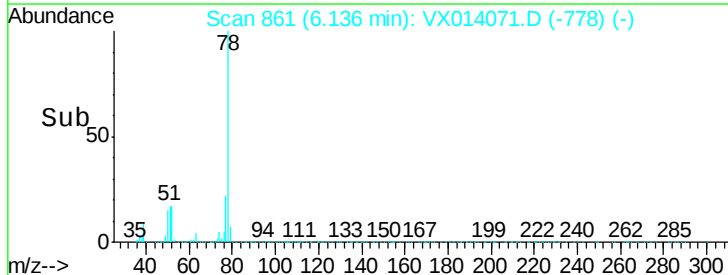
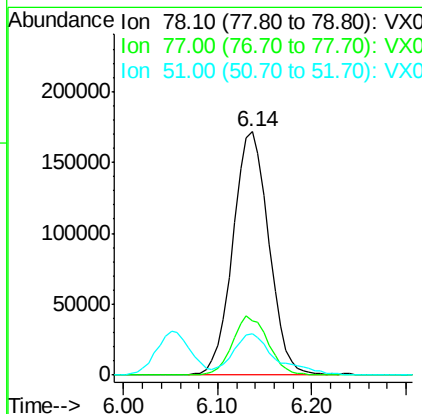
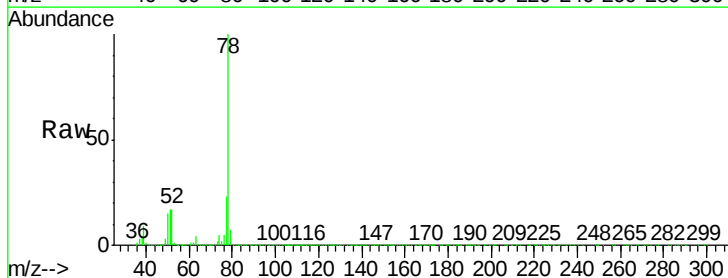
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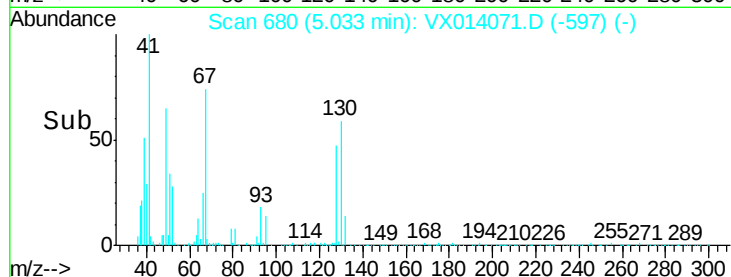
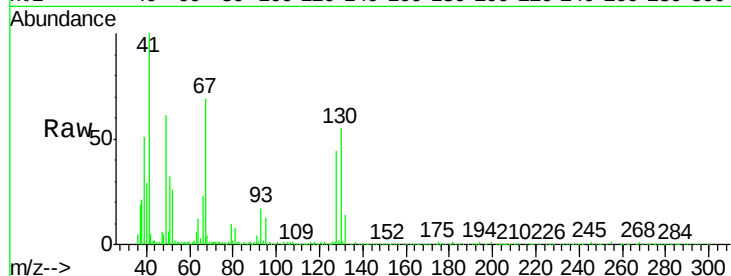
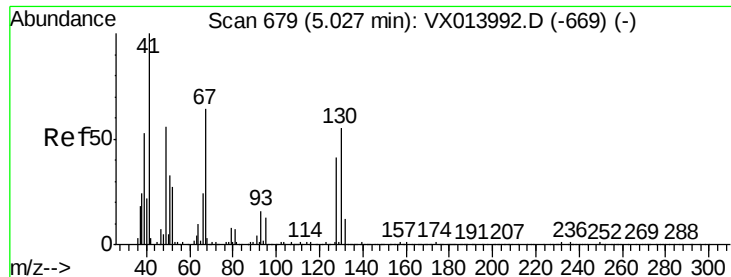


#34

Benzene
 Concen: 19.288 ug/l
 RT: 6.14 min Scan# 861
 Delta R.T. 0.01 min
 Lab File: VX014071.D
 Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.2	27.2
51	16.3	12.4	18.6





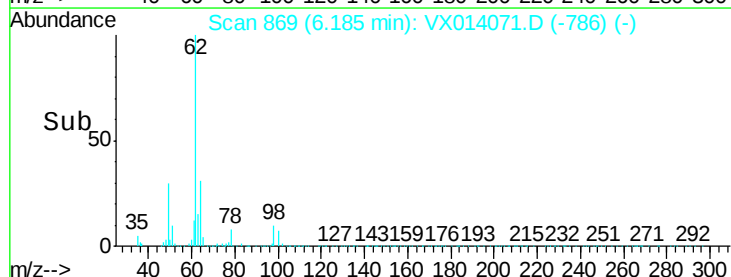
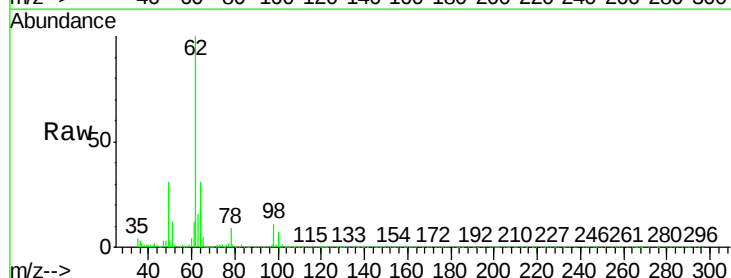
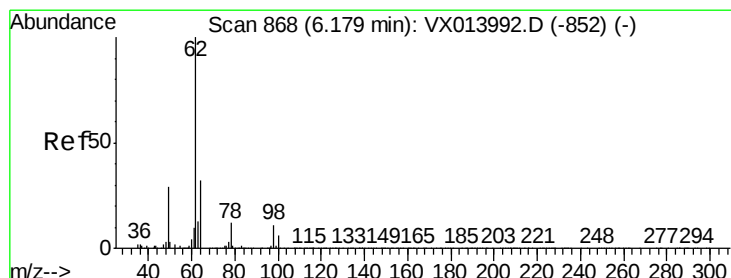
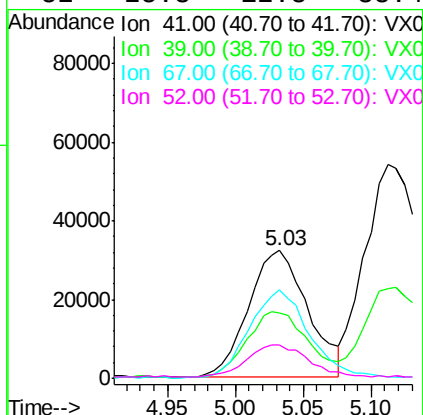
#35
Methacrylonitrile
Concen: 20.356 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		97918		
39	50.1	26.7	80.1		
67	68.5	31.5	94.5		
52	25.3	12.8	38.4		

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

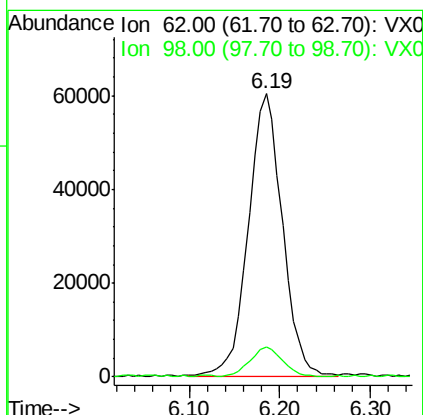
Manual Integrations
APPROVED

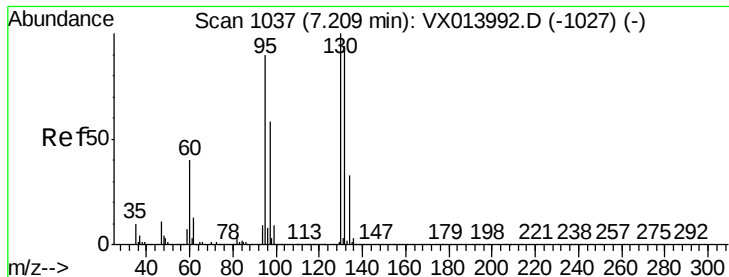
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#36
1,2-Dichloroethane
Concen: 19.032 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		156424		
98	10.2	8.4	12.6		





#37

Trichloroethene

Concen: 20.398 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

Tot Ion:130 Resp: 131327

Ion Ratio Lower Upper

130 100

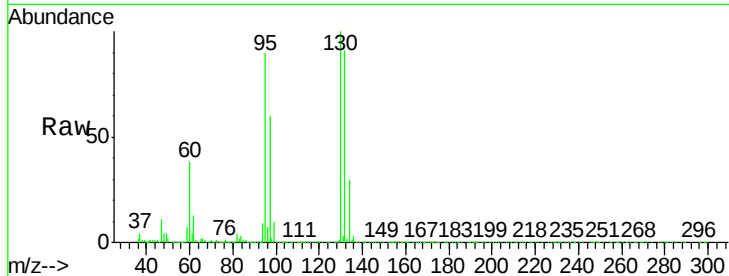
95 90.1 71.7 107.5

Manual Integrations

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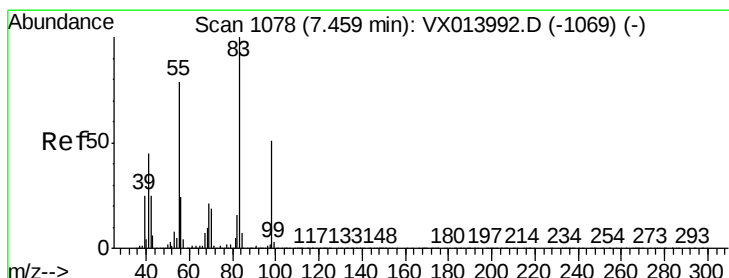
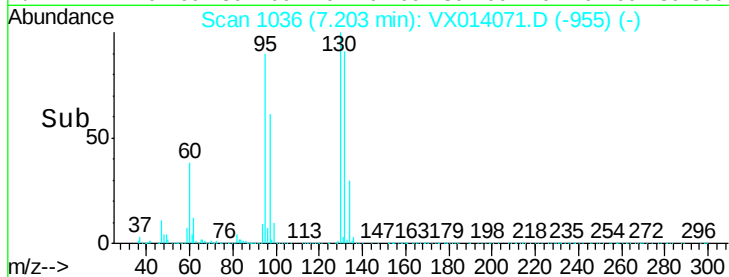
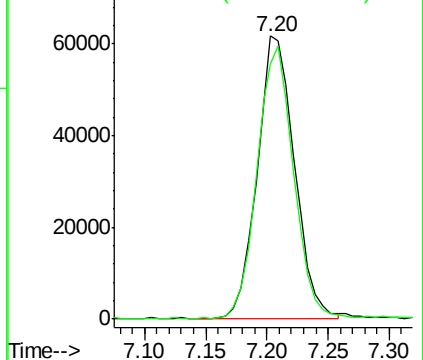
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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.659 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

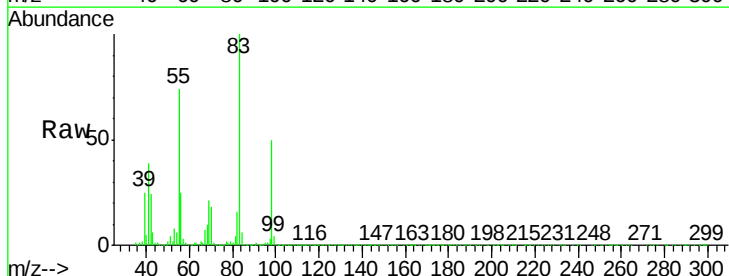
Tgt Ion: 83 Resp: 168888

Ion Ratio Lower Upper

83 100

55 74.7 39.4 118.1

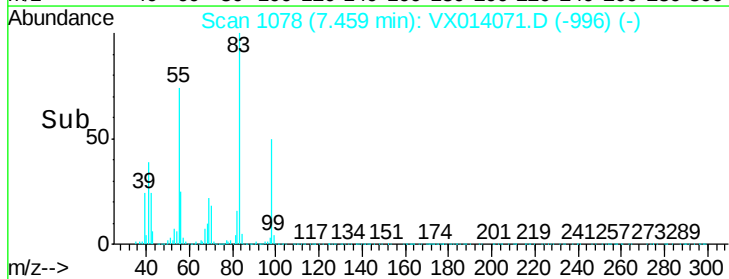
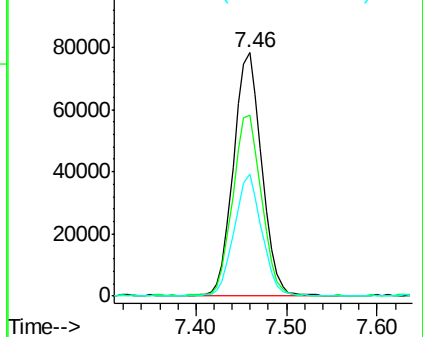
98 48.6 25.1 75.3

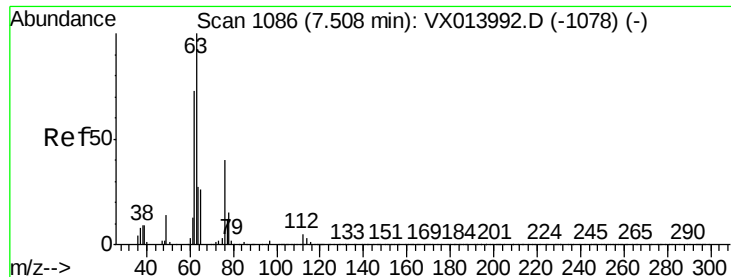


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 18.919 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

Tot Ion: 63 Resp: 116261

Ion Ratio Lower Upper

63 100

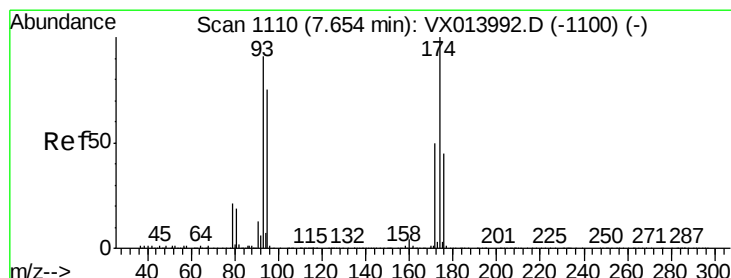
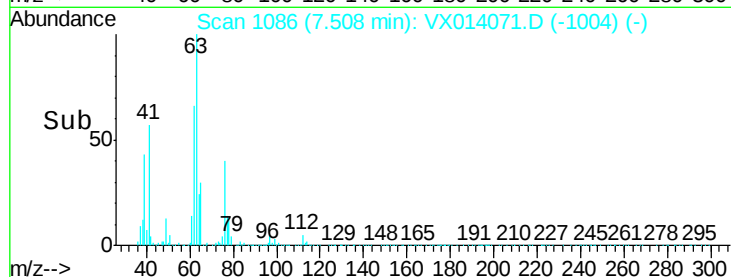
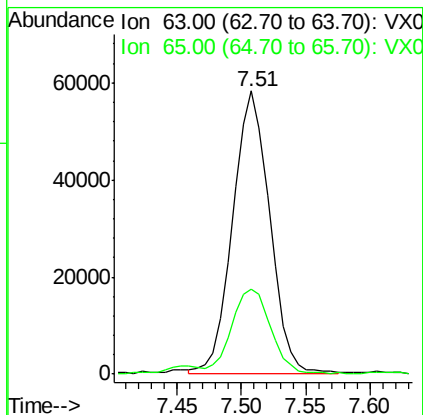
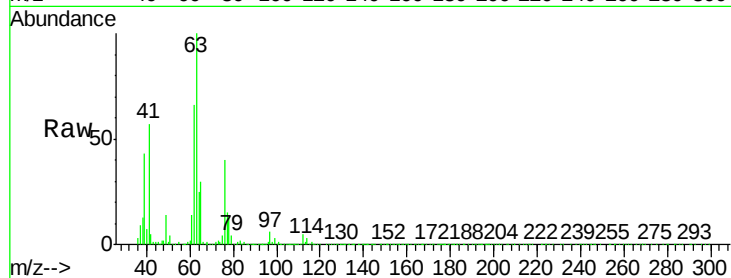
65 29.9 22.1 33.1

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#40

Dibromomethane

Concen: 19.527 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

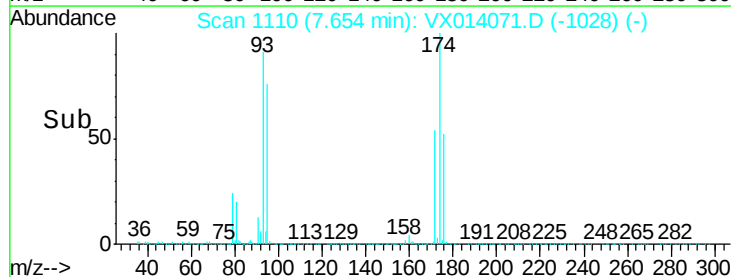
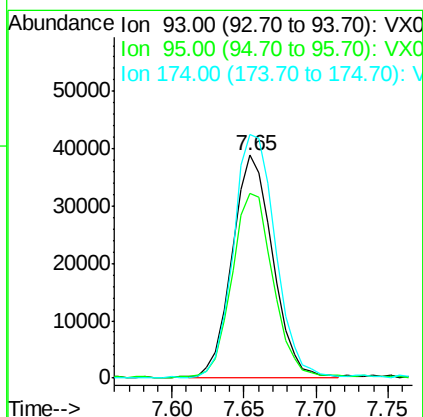
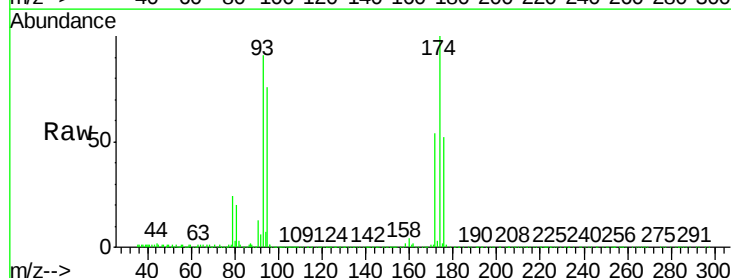
Tgt Ion: 93 Resp: 76658

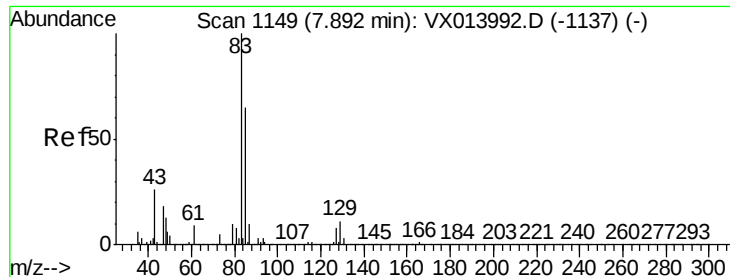
Ion Ratio Lower Upper

93 100

95 83.4 0.0 164.4

174 112.8 0.0 228.8





#41

Bromodichloromethane

Concen: 18.891 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

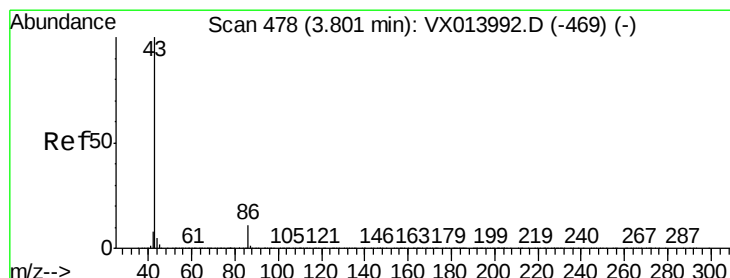
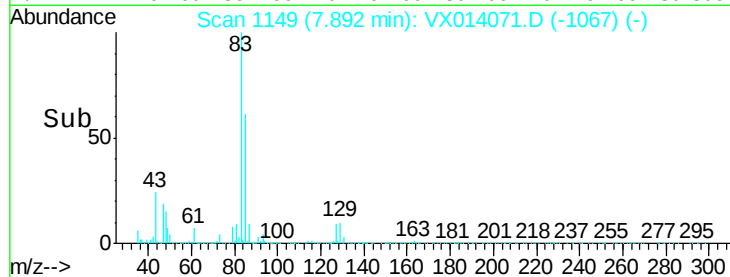
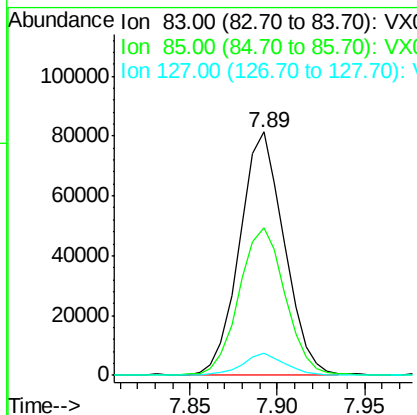
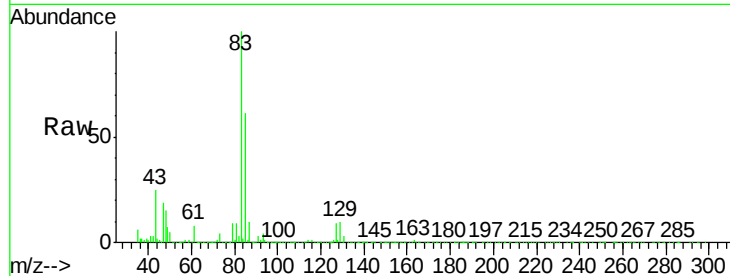
ClientSampleId :

VX1217WBS02

Tot Ion:	83	Resp:	143599
Ion Ratio	Lower	Upper	
83	100		
85	60.3	51.6	77.4
127	9.0	6.0	9.0

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#42

Vinyl Acetate

Concen: 55.647 ug/l

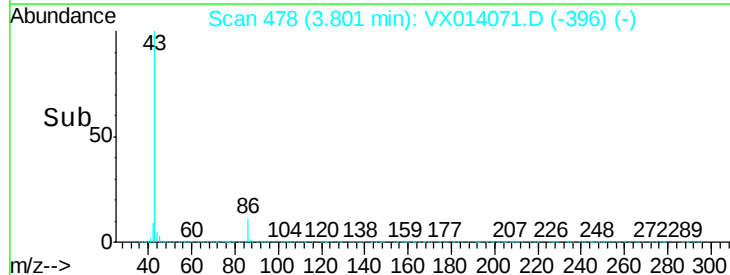
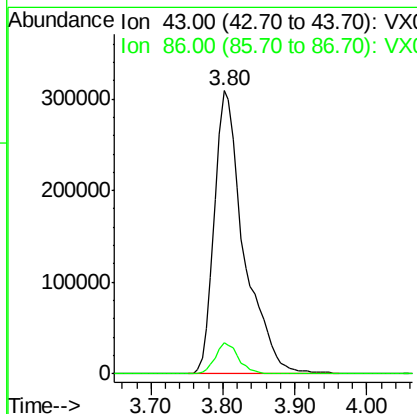
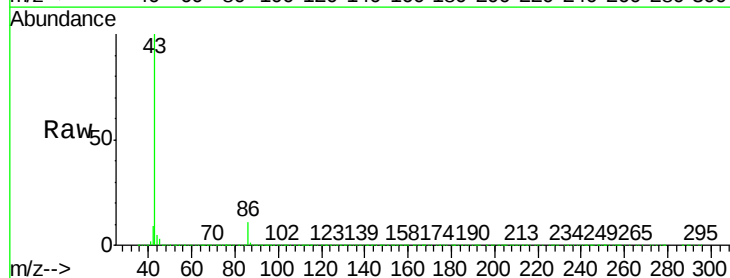
RT: 3.80 min Scan# 478

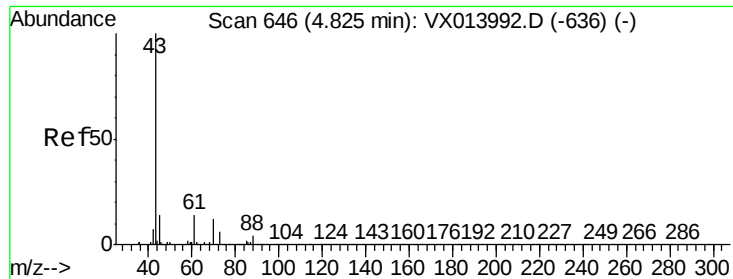
Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Tgt Ion:	43	Resp:	878703
Ion Ratio	Lower	Upper	
43	100		
86	8.6	7.7	11.5





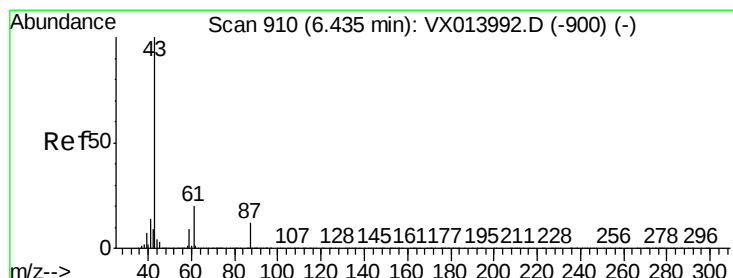
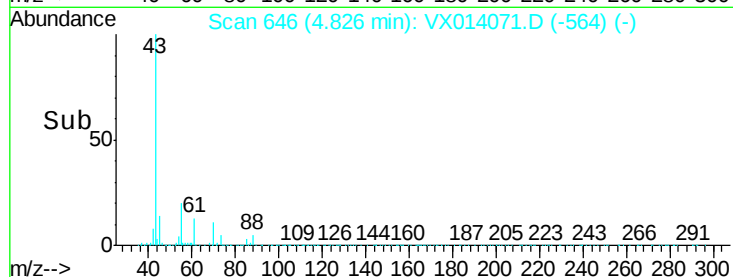
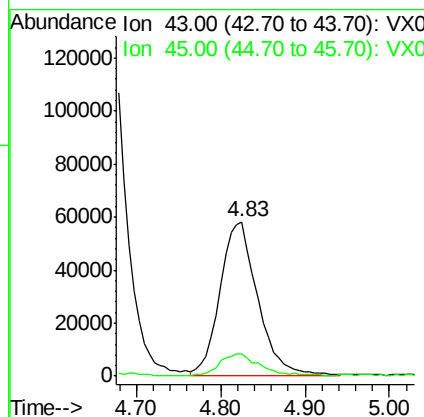
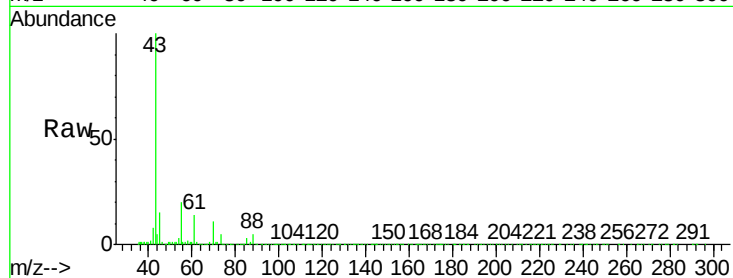
#43
Ethyl Acetate
Concen: 20.517 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

Tot Ion	43	Ratio	Lower	Upper
176076	100			
45	14.2	11.8	17.8	

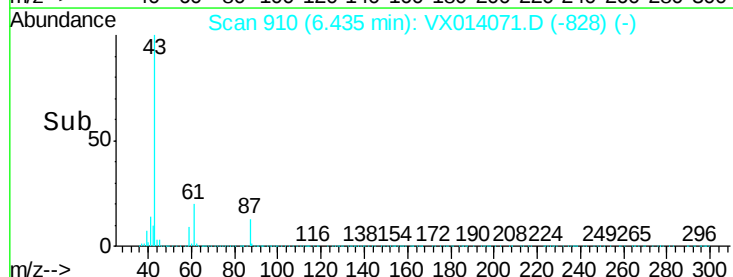
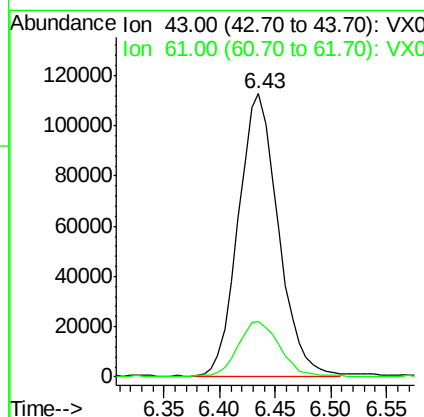
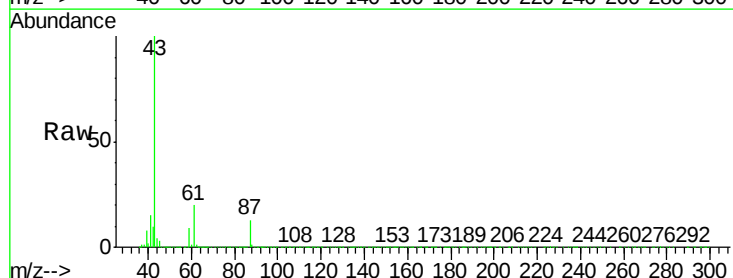
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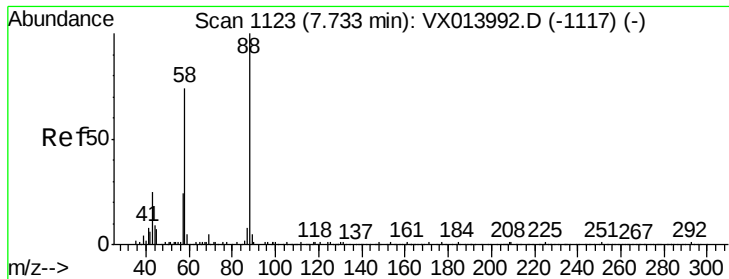
apatel
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#44
Isopropyl Acetate
Concen: 19.440 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion	43	Ratio	Lower	Upper
279424	100			
61	20.4	15.9	23.9	





#45

1,4-Dioxane

Concen: 414.920 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

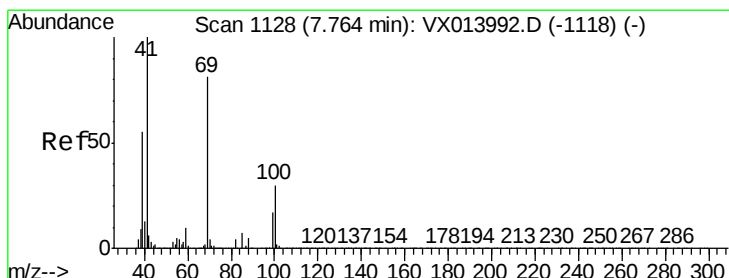
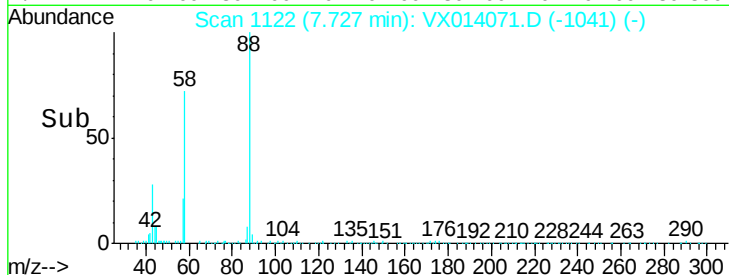
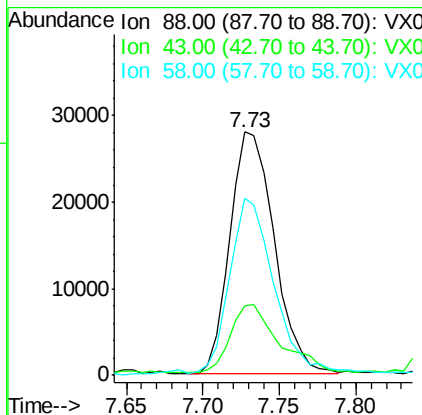
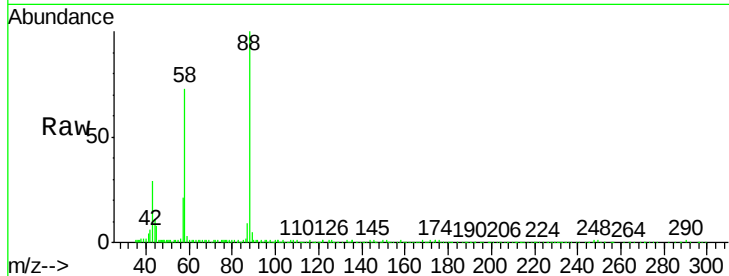
ClientSampleId :

VX1217WBS02

Tot Ion:	88	Resp:	55850
Ion	Ratio	Lower	Upper
88	100		
43	30.6	25.4	38.2
58	72.5	56.5	84.7

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#46

Methyl methacrylate

Concen: 19.280 ug/l

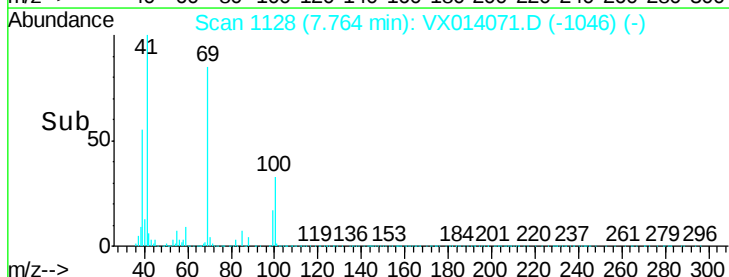
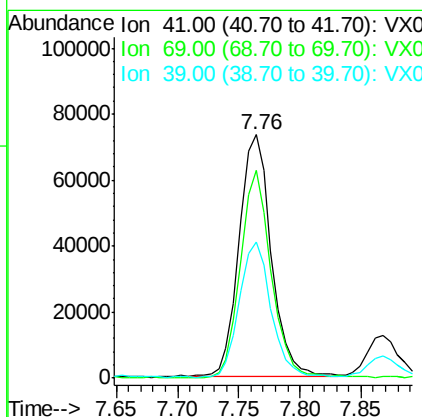
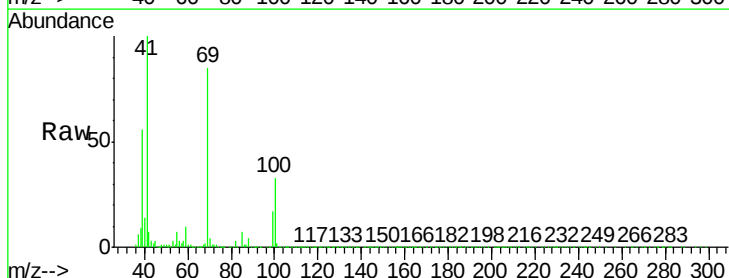
RT: 7.76 min Scan# 1128

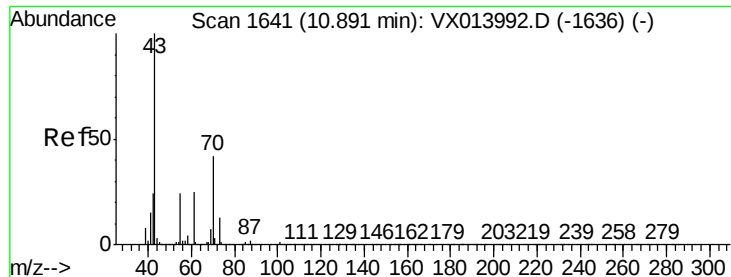
Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Tgt Ion:	41	Resp:	134606
Ion	Ratio	Lower	Upper
41	100		
69	85.7	40.6	122.0
39	55.3	27.8	83.3





#47

n-amvl Acetate

Concen: 17.884 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

Tot Ion: 43 Resp: 228565

Ion Ratio Lower Upper

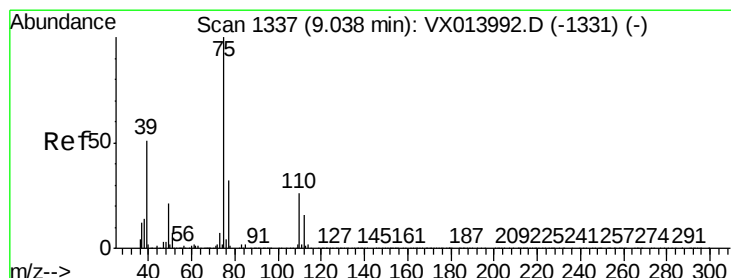
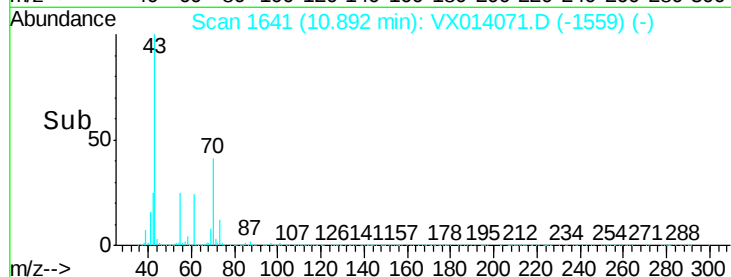
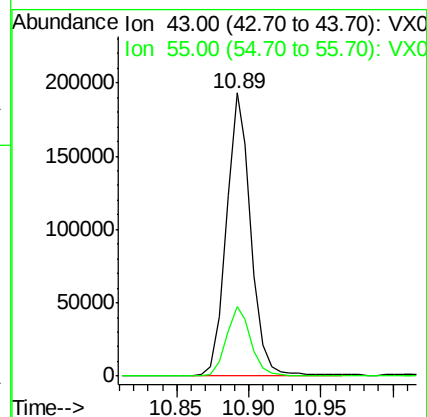
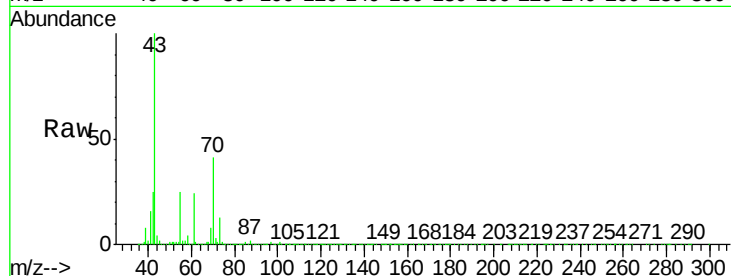
43 100

55 24.4 19.4 29.2

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#48

t-1,3-Dichloropropene

Concen: 18.296 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014071.D

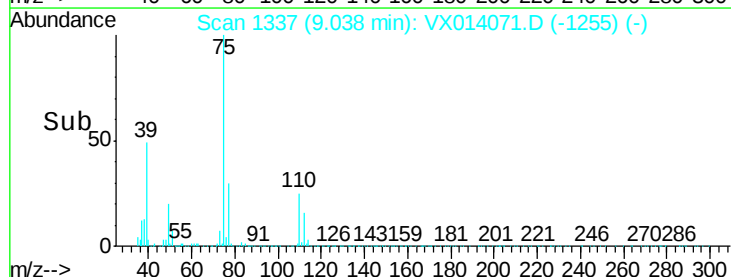
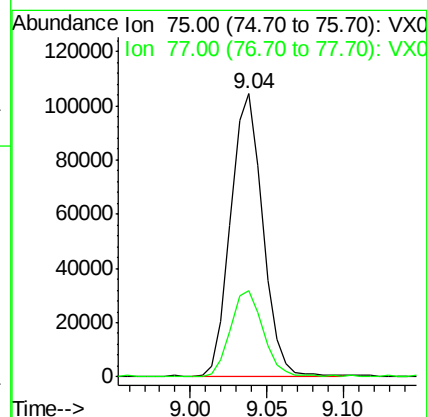
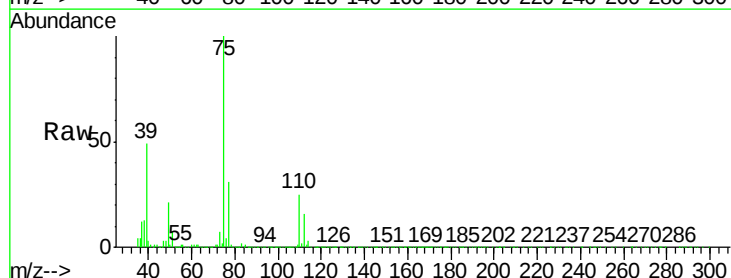
Acq: 18 Dec 2019 00:21

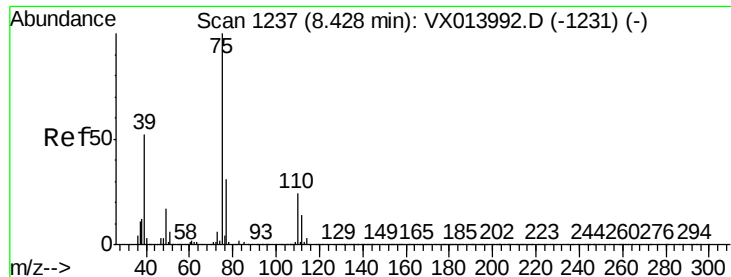
Tgt Ion: 75 Resp: 151791

Ion Ratio Lower Upper

75 100

77 30.3 26.0 39.0





#49

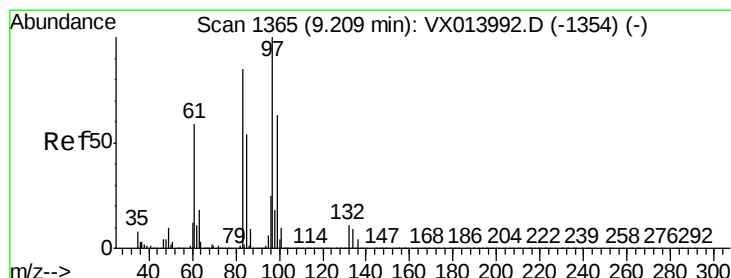
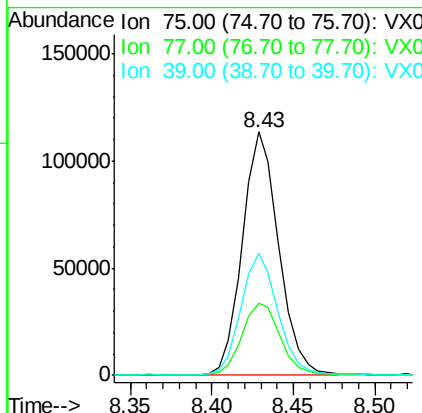
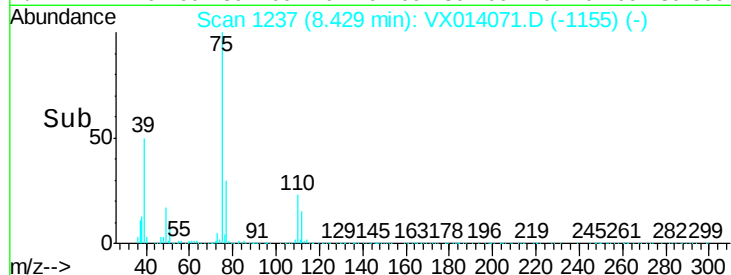
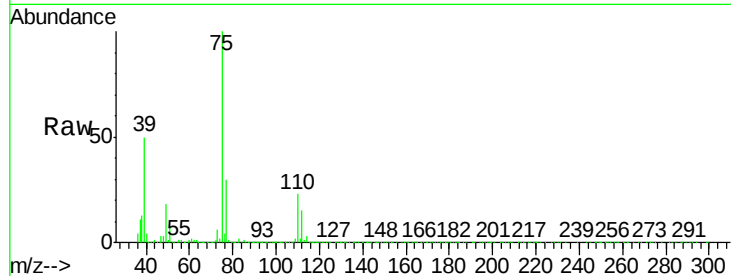
cis-1,3-Dichloropropene
Concen: 18.788 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.6	24.8	37.2
39	50.0	41.1	61.7

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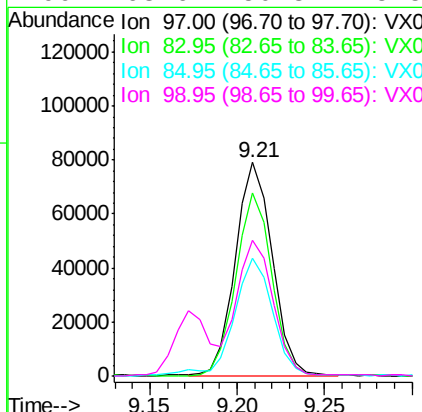
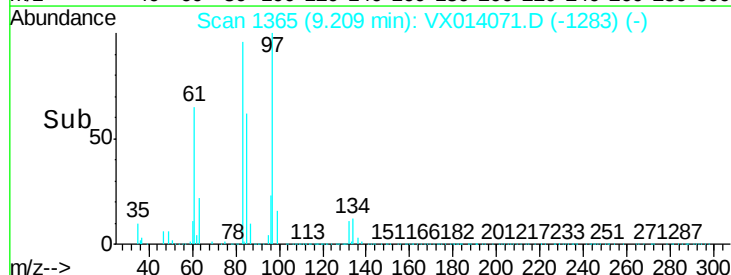
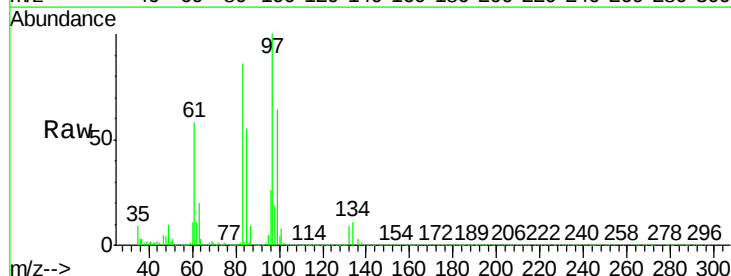
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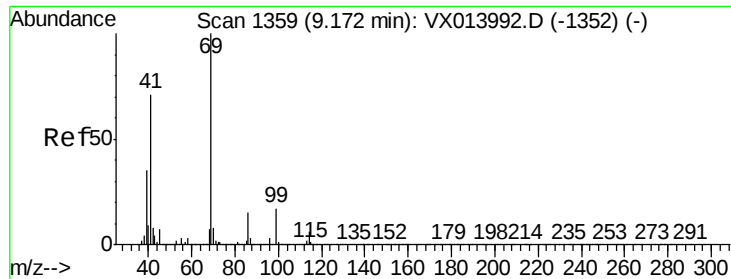


#50

1,1,2-Trichloroethane
Concen: 19.187 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.1	102.1
85	55.0	42.7	64.1
99	63.6	50.3	75.5





#51

Ethyl methacrylate

Concen: 18.893 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

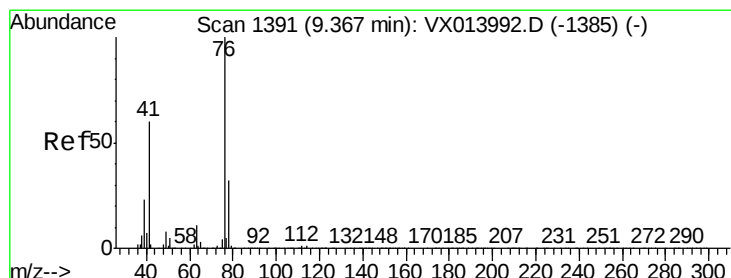
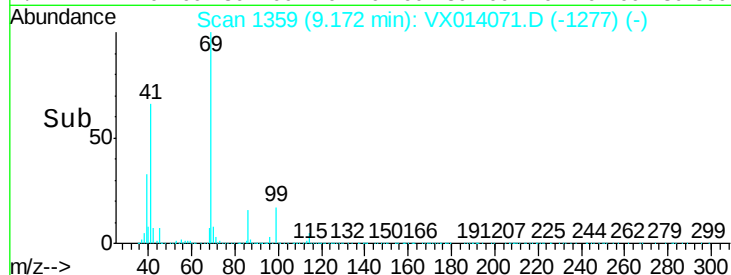
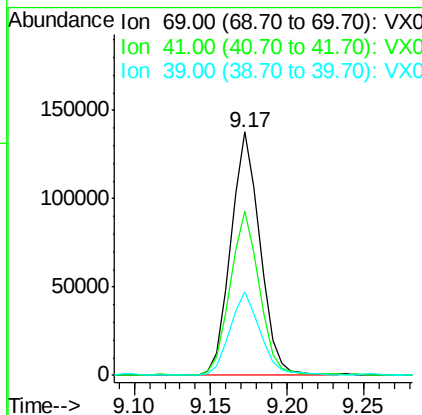
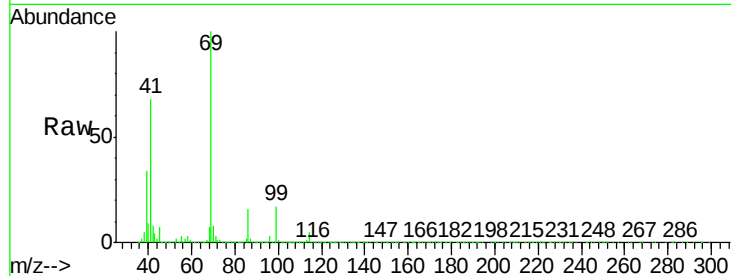
ClientSampleId :

VX1217WBS02

Tot Ion:	69	Resp:	182073
Ion Ratio	Lower	Upper	
69	100		
41	67.4	35.4	106.1
39	34.0	17.8	53.3

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#52

1,3-Dichloropropane

Concen: 19.397 ug/l

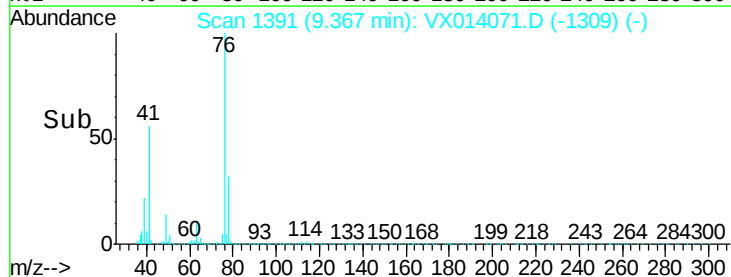
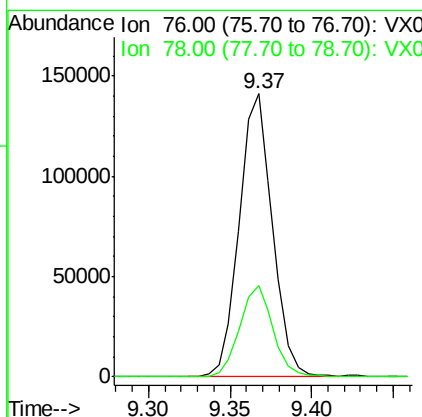
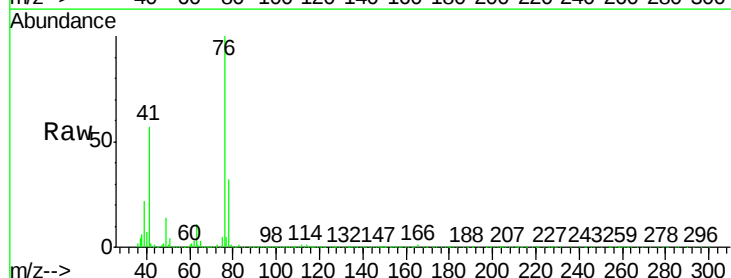
RT: 9.37 min Scan# 1391

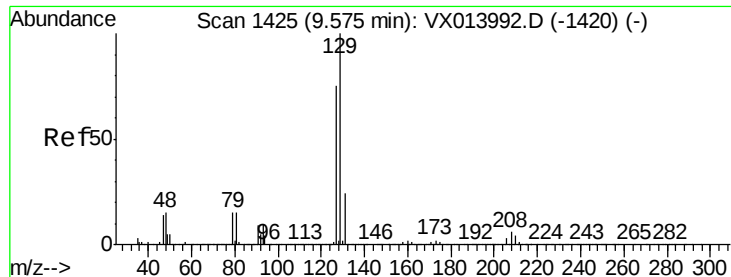
Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Tgt Ion:	76	Resp:	199658
Ion Ratio	Lower	Upper	
76	100		
78	31.9	0.0	63.4





#53

Dibromochloromethane

Concen: 18.843 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

Tot Ion:129 Resp: 114151

Ion Ratio Lower Upper

129 100

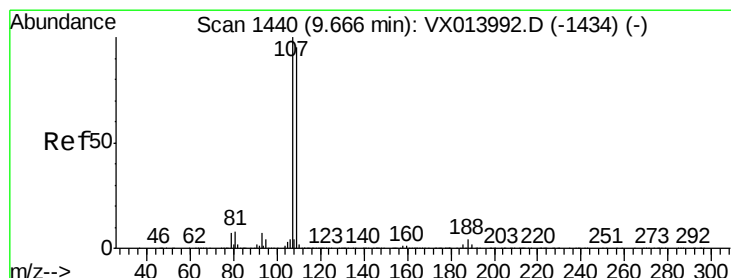
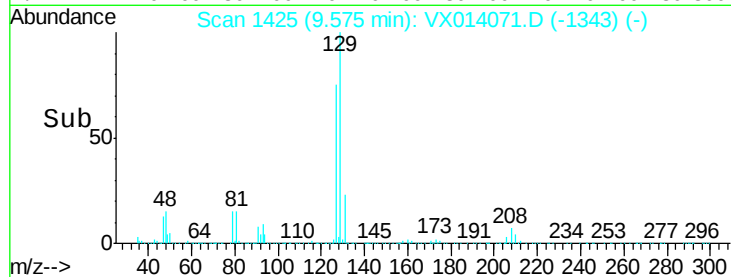
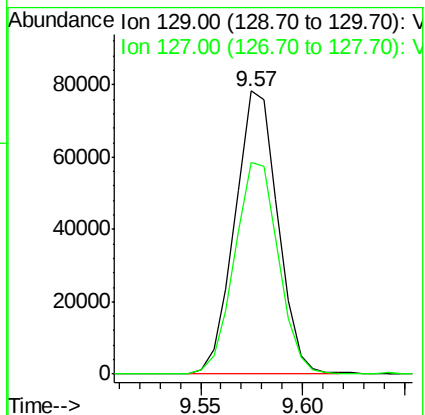
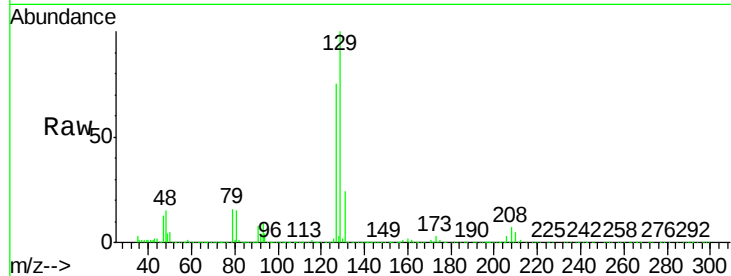
127 76.7 39.1 117.5

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#54

1,2-Dibromoethane

Concen: 19.241 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014071.D

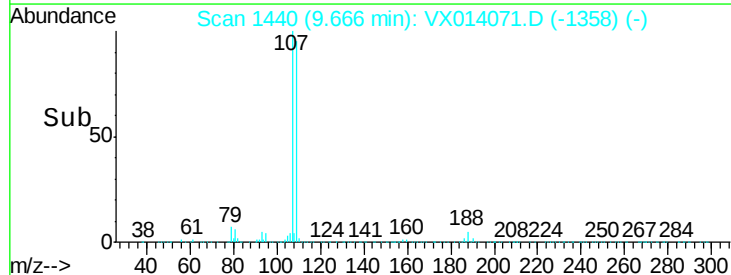
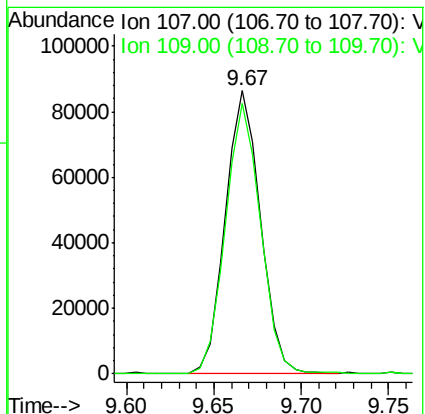
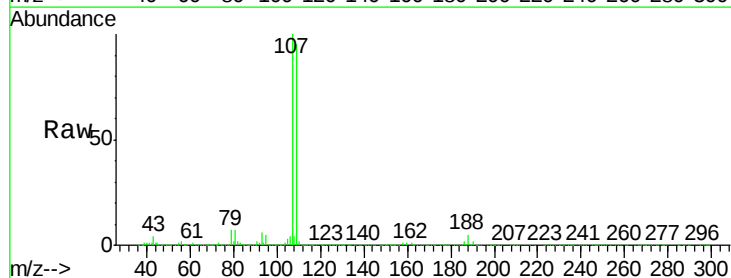
Acq: 18 Dec 2019 00:21

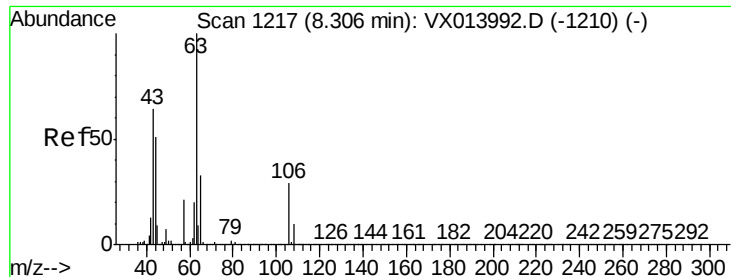
Tgt Ion:107 Resp: 120020

Ion Ratio Lower Upper

107 100

109 95.0 77.2 115.8





#55

2-Chloroethyl vinyl ether

Concen: 92.581 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

Tot Ion: 63 Resp: 393296

Ion Ratio Lower Upper

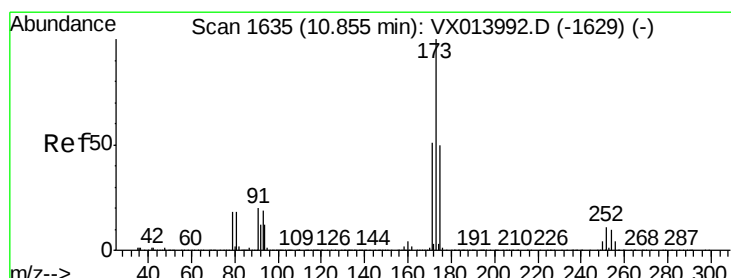
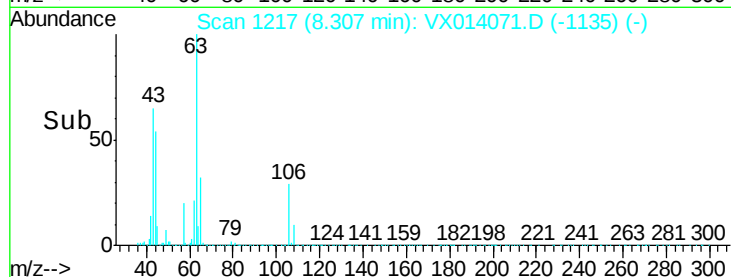
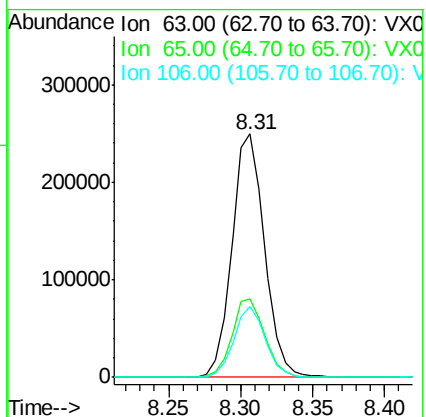
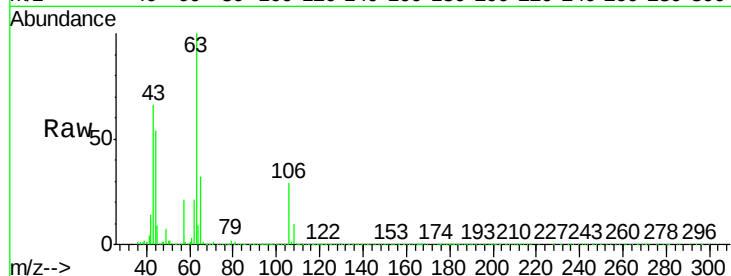
63 100

65 32.6 25.8 38.6

106 28.1 22.9 34.3

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#56

Bromoform

Concen: 17.768 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

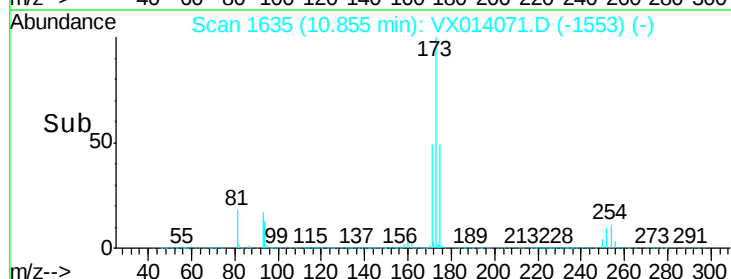
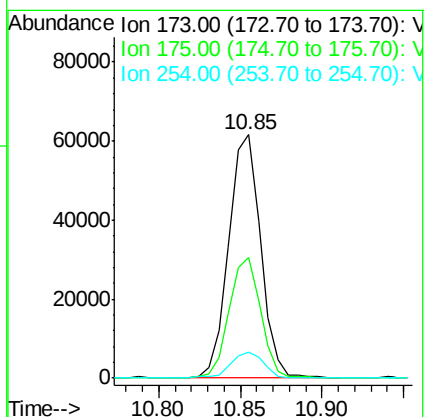
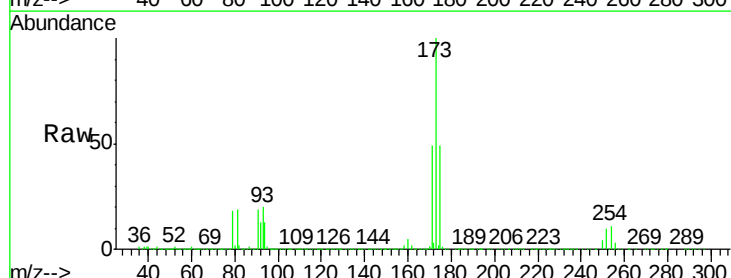
Tgt Ion: 173 Resp: 83939

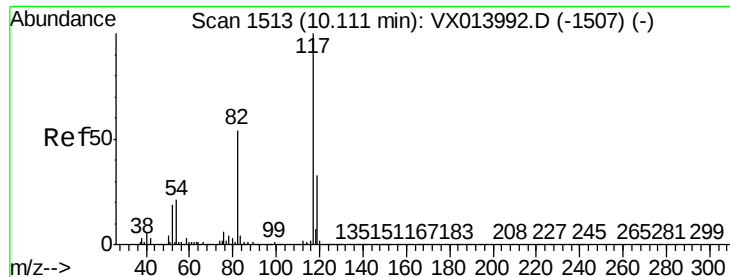
Ion Ratio Lower Upper

173 100

175 48.7 39.5 59.3

254 11.1 8.2 12.4





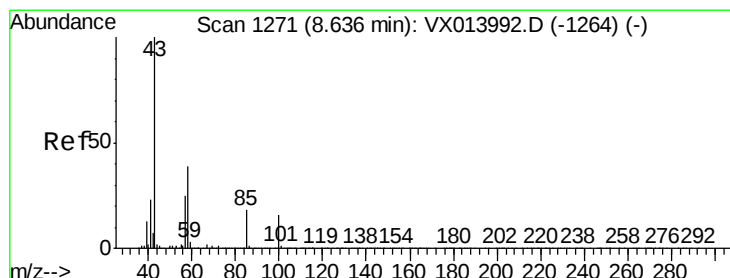
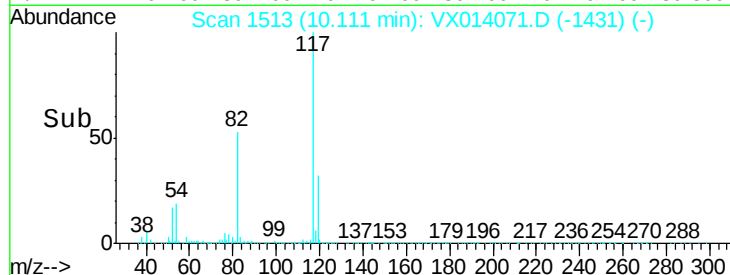
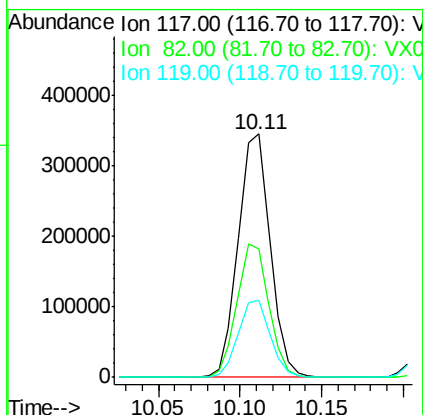
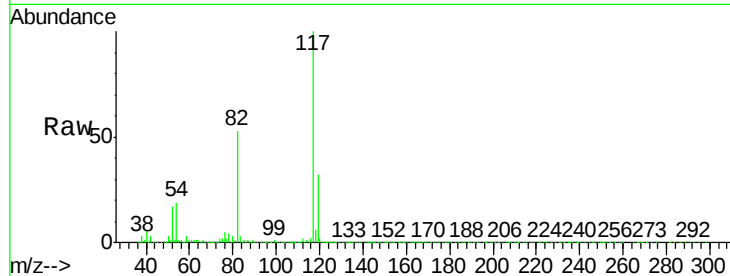
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	54.5	43.8	65.6
119	31.8	25.8	38.6

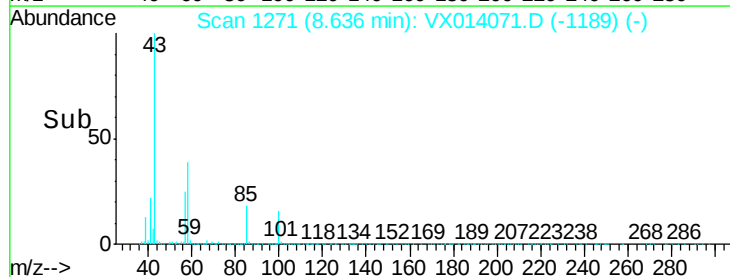
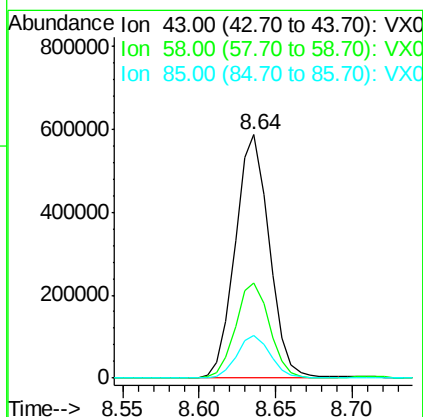
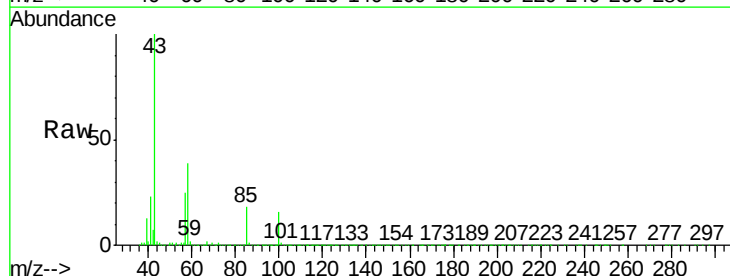
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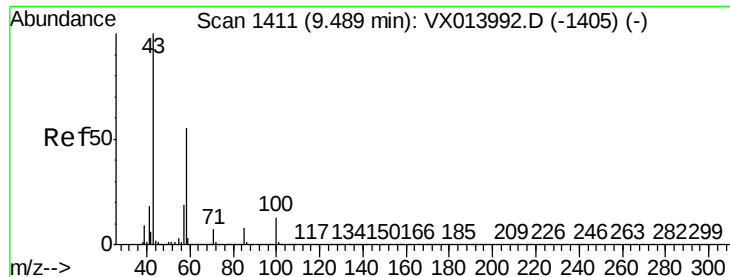
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#58
4-Methyl-2-Pentanone
Concen: 102.035 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
58	39.2	31.2	46.8
85	17.5	14.2	21.2





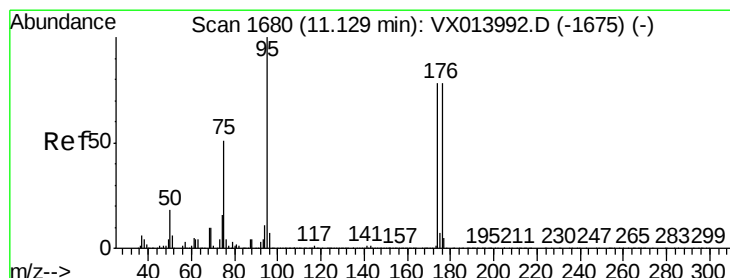
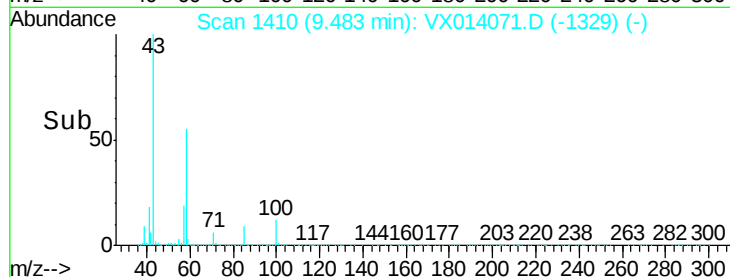
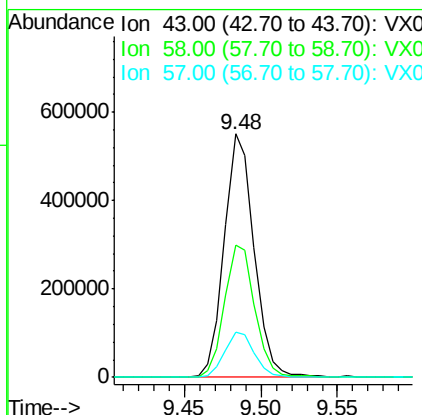
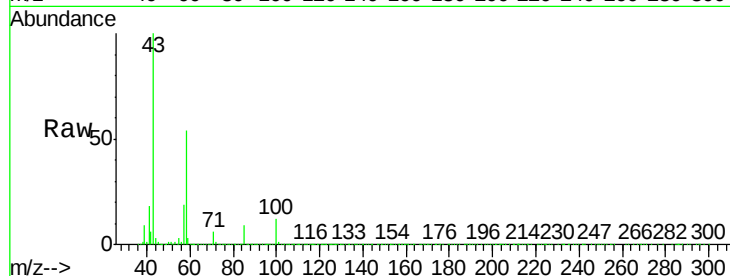
#59
2-Hexanone
Concen: 110.352 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.2	43.8	65.6
57	18.7	15.4	23.0

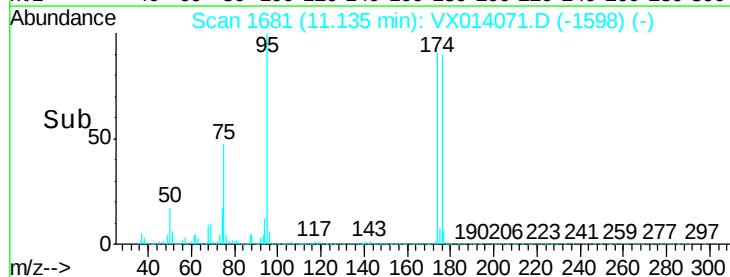
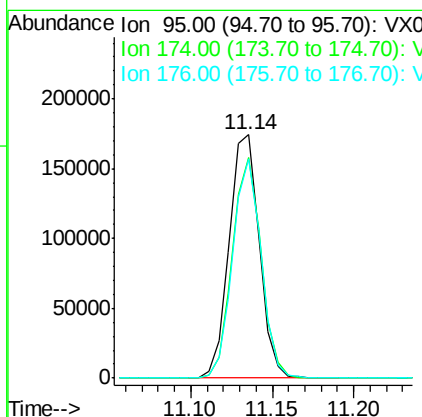
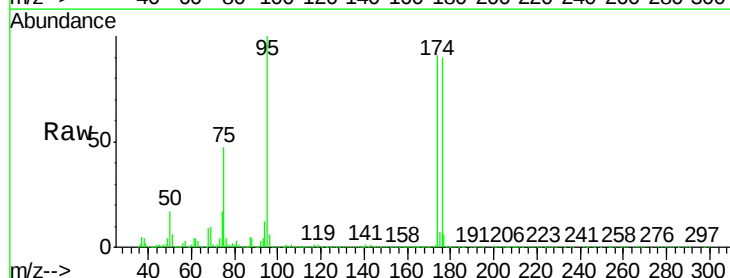
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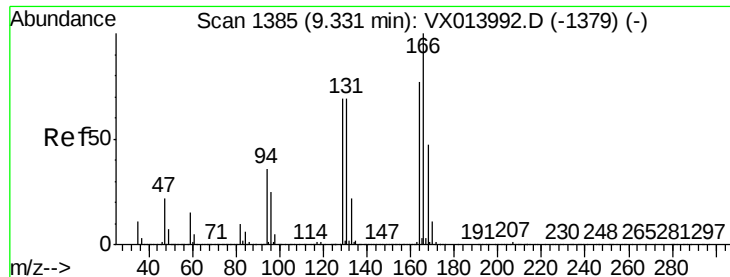
apatel
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#60
4-Bromofluorobenzene
Concen: 29.127 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.0	70.2	105.2
176	85.4	68.3	102.5





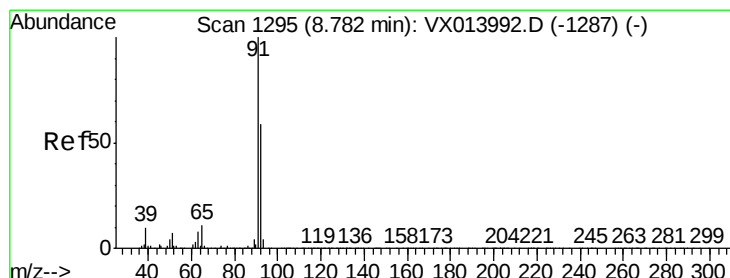
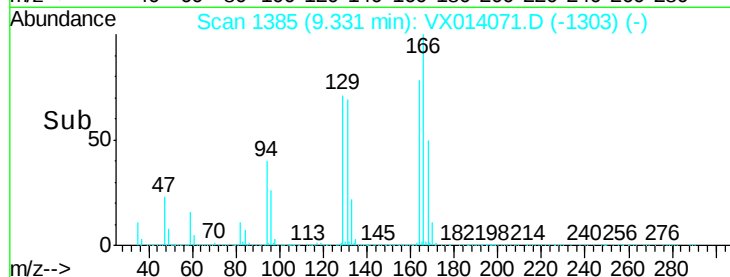
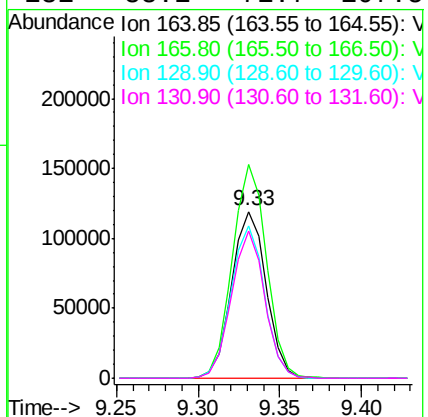
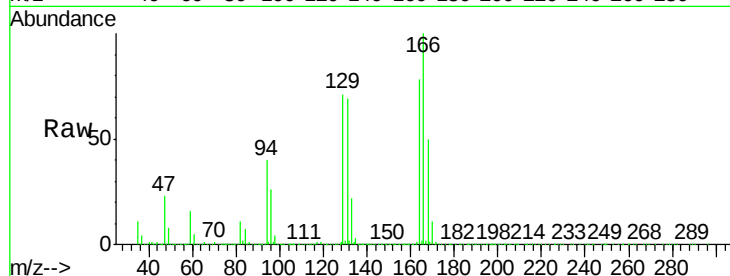
#61
Tetrachloroethene
Concen: 28.090 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.9	104.2	156.2
129	91.2	71.6	107.4
131	88.1	71.7	107.5

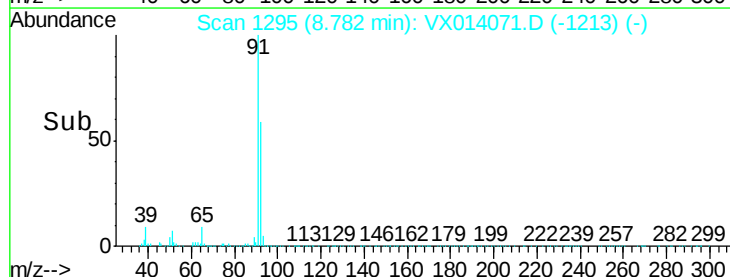
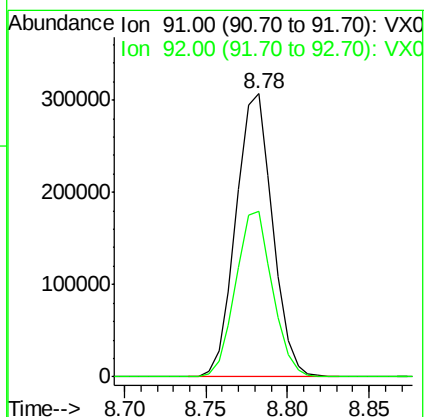
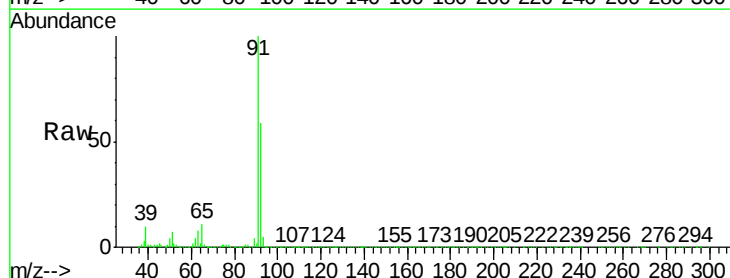
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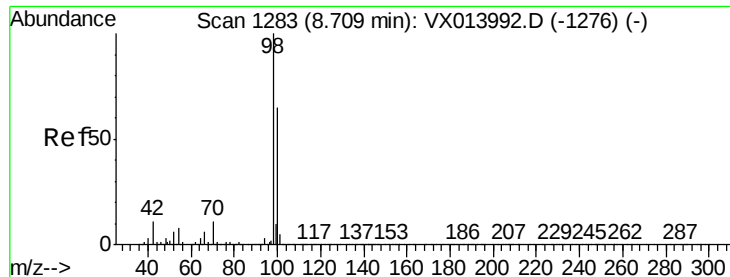
apatel
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#62
Toluene
Concen: 19.078 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.6	46.4	69.6





#63

Toluene-d8

Concen: 30.580 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

Tot Ion: 98 Resp: 648400

Ion Ratio Lower Upper

98 100

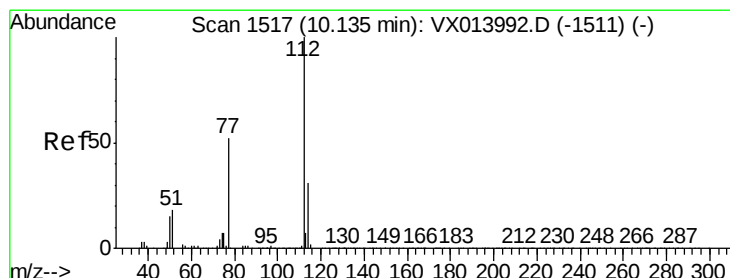
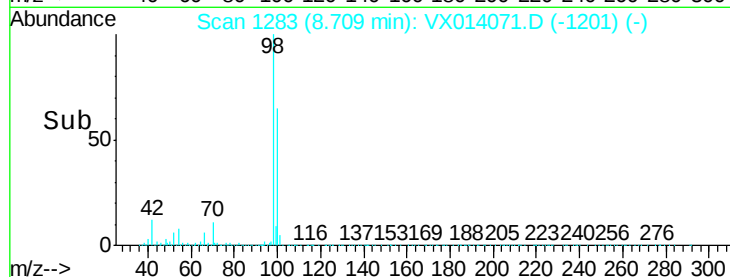
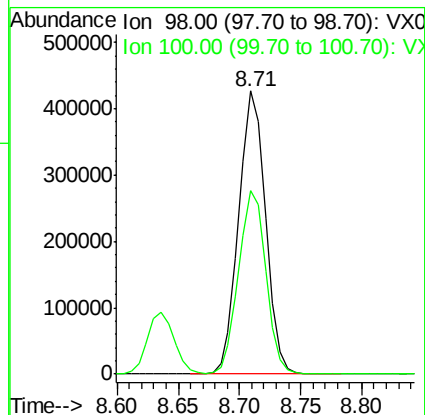
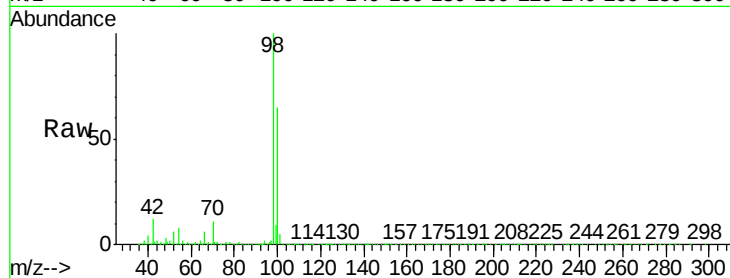
100 65.8 52.2 78.2

Manual Integrations

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#64

Chlorobenzene

Concen: 18.857 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014071.D

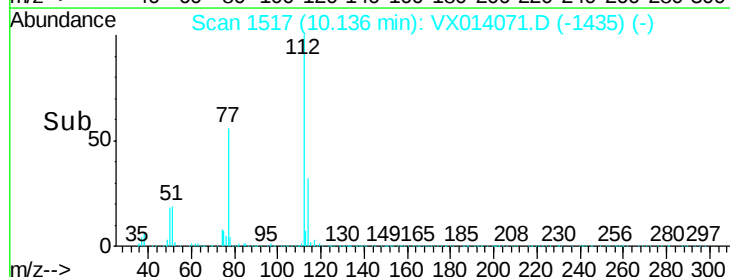
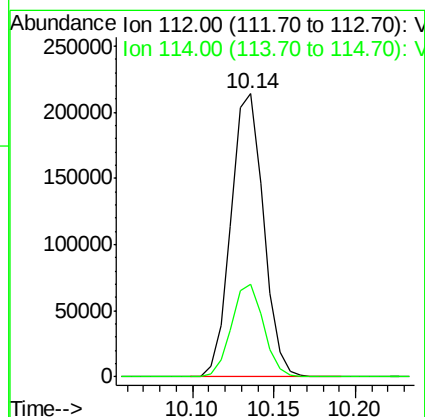
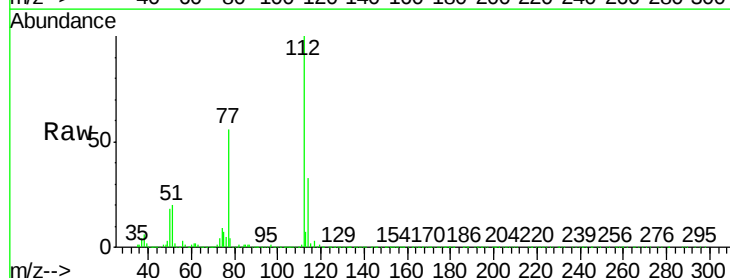
Acq: 18 Dec 2019 00:21

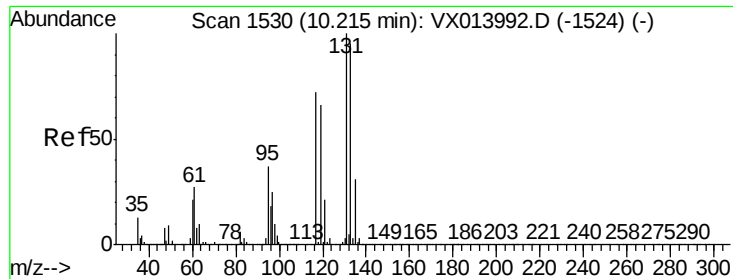
Tgt Ion: 112 Resp: 298050

Ion Ratio Lower Upper

112 100

114 32.5 24.4 36.6





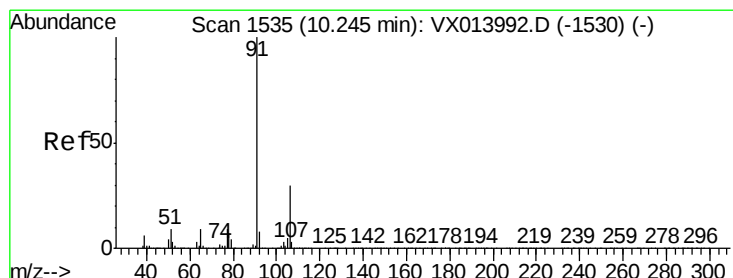
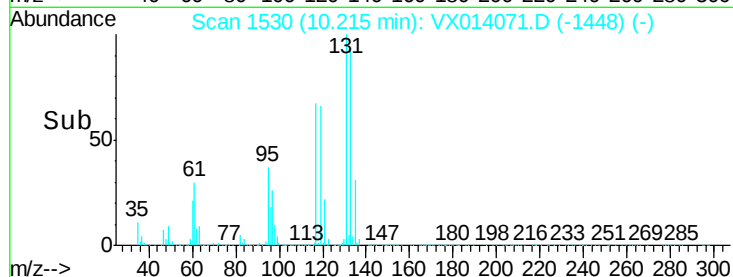
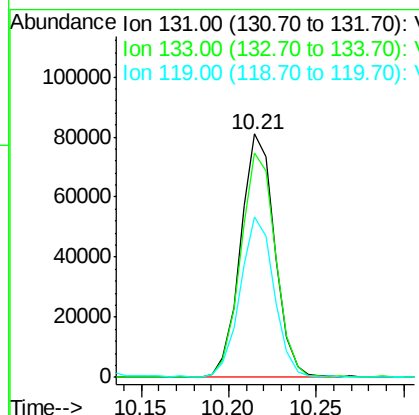
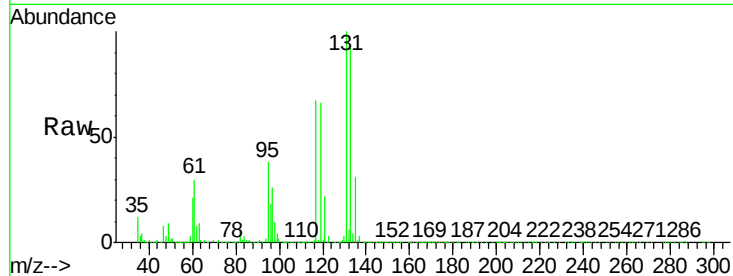
#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.771 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX014071.D
 Acq: 18 Dec 2019 00:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS02

Tot Ion	Ratio	Resp	Lower	Upper
131	100	109861		
133	93.2	0.0	189.8	
119	65.1	0.0	132.2	

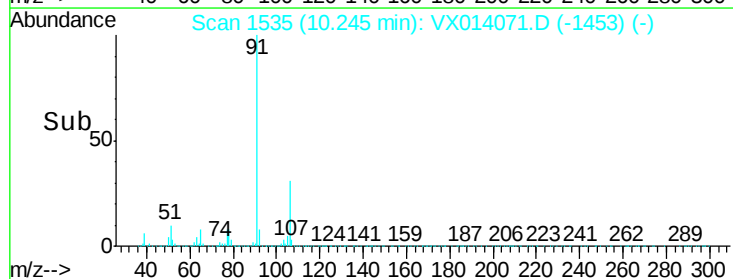
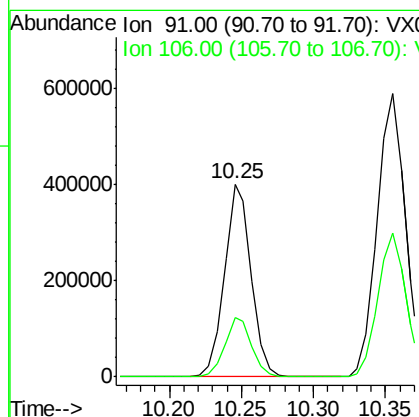
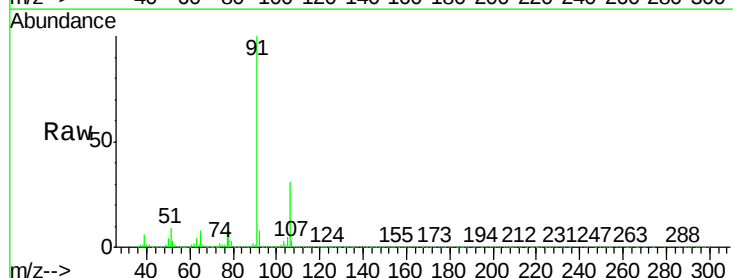
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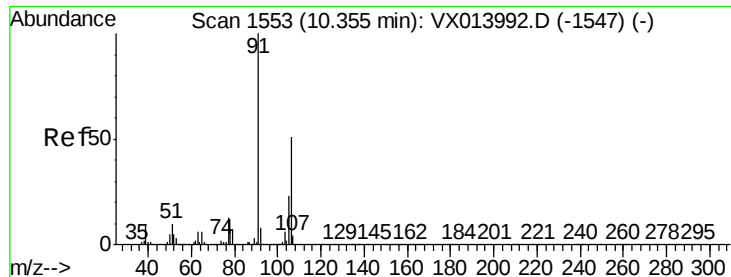
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#66
 Ethyl Benzene
 Concen: 18.784 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX014071.D
 Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	518613		
106	30.8	24.2	36.2	





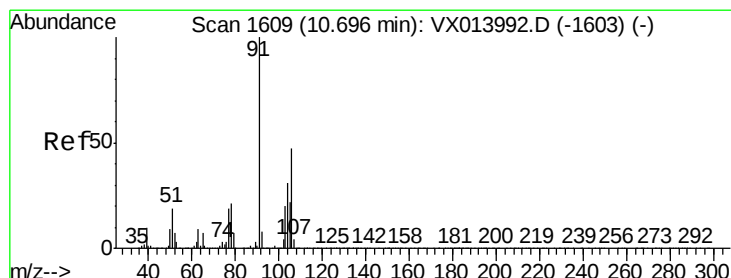
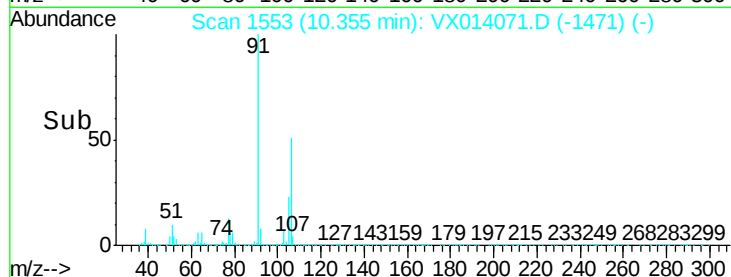
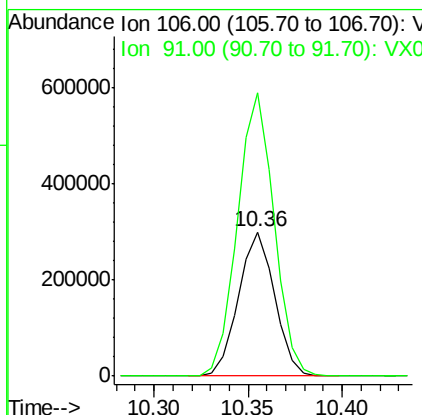
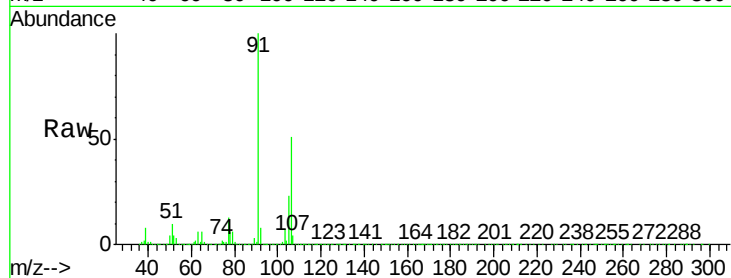
#67
m/p-Xylenes
Concen: 37.856 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	198.1	159.3	238.9

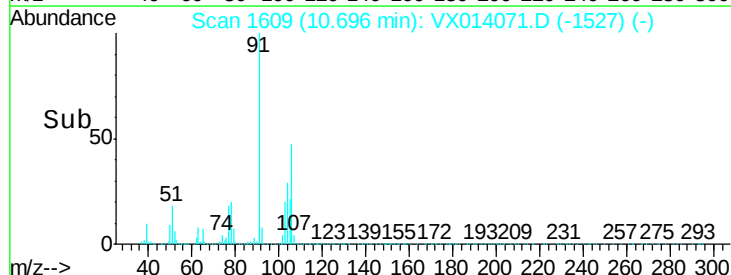
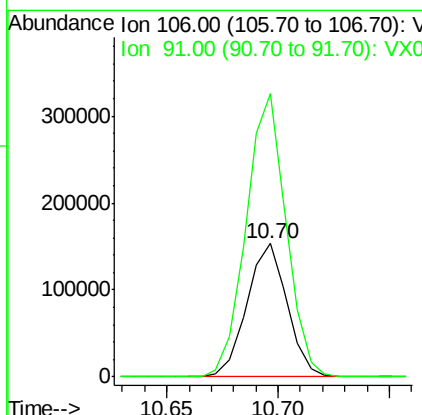
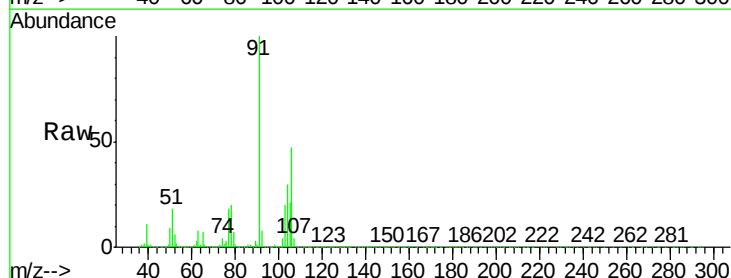
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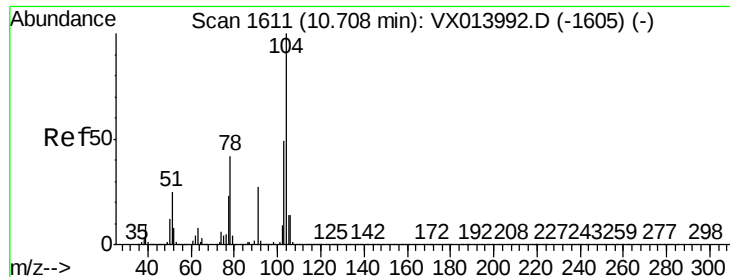
apatel
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#68
o-Xylene
Concen: 18.457 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Lower	Upper
106	100		
91	210.9	104.8	314.6





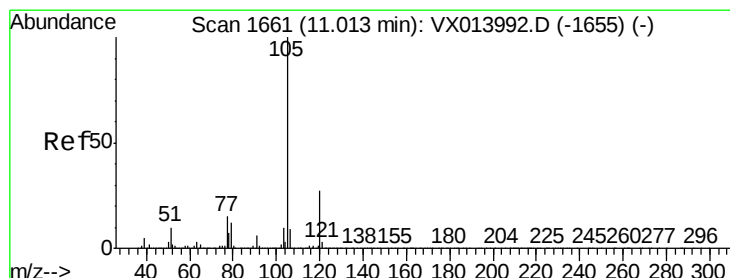
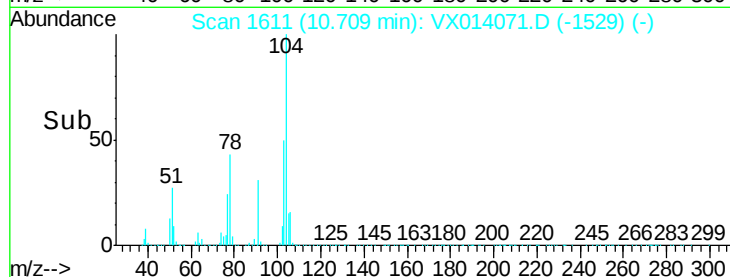
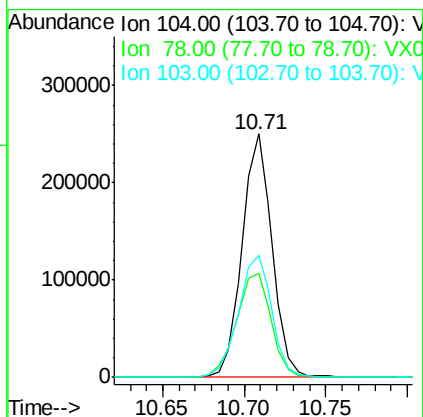
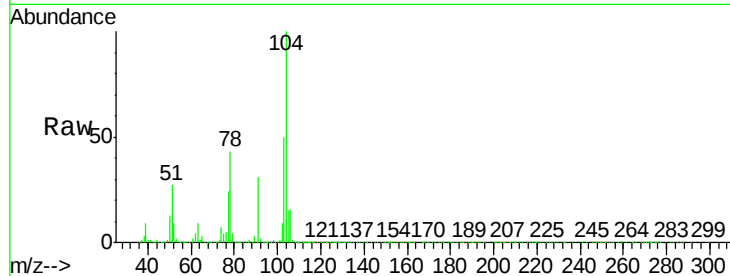
#69
Stvrene
Concen: 18.014 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.2	38.9	58.3
103	55.8	44.2	66.2

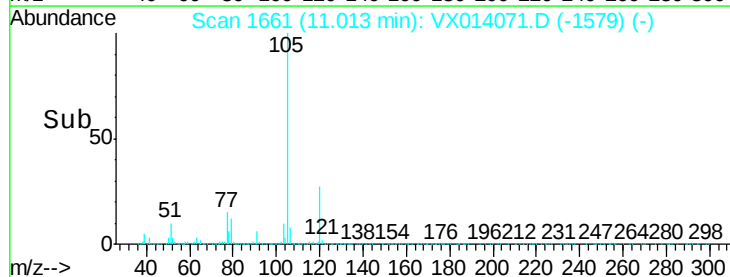
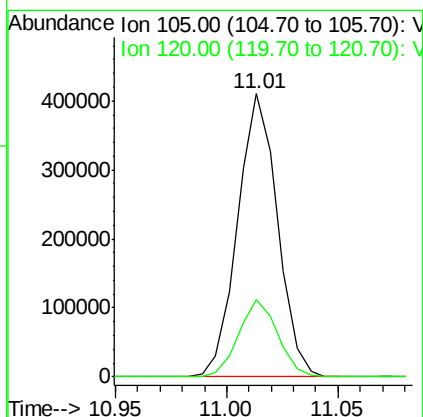
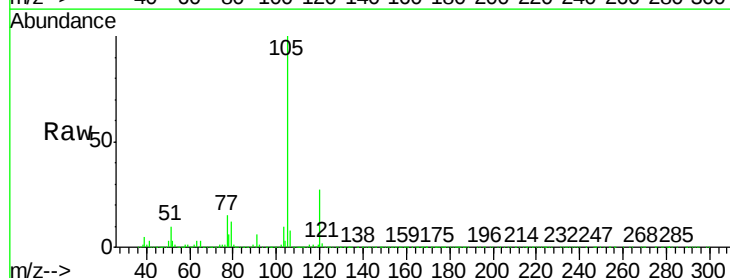
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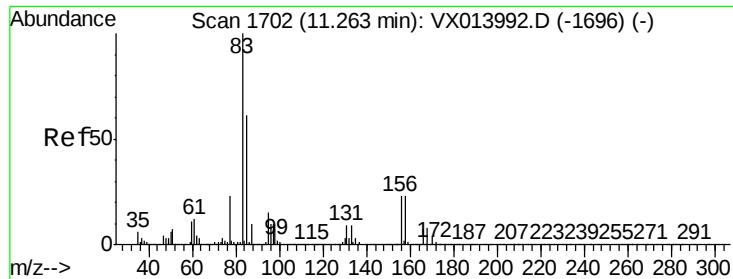
apatel
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#70
Isopropylbenzene
Concen: 18.912 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	19.1	35.5





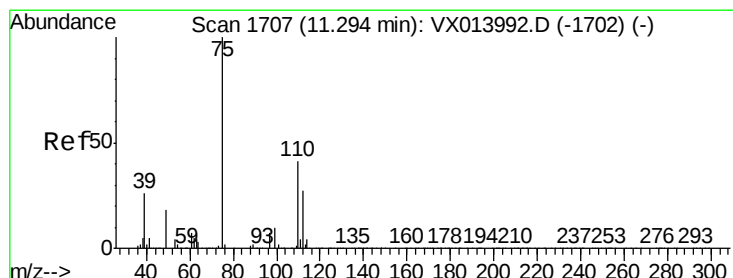
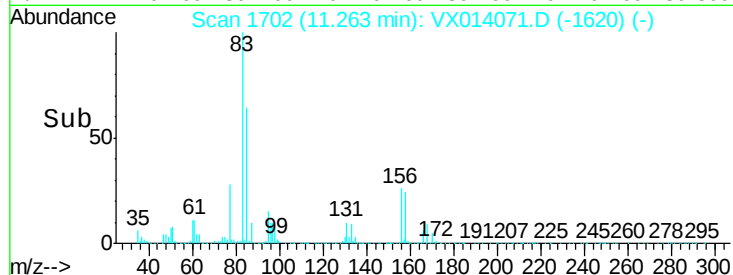
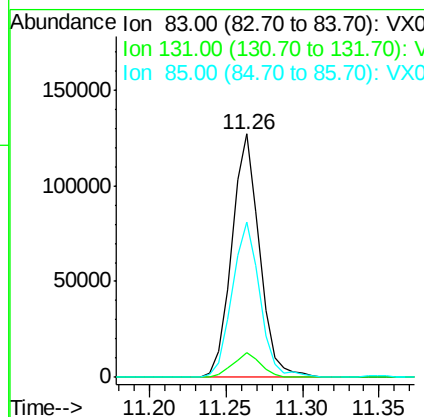
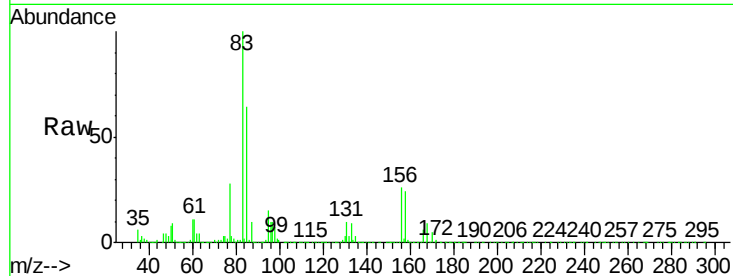
#71
 1,1,2,2-Tetrachloroethane
 Concen: 16.565 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX014071.D
 Acq: 18 Dec 2019 00:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.3	4.9	14.7
85	64.4	31.6	94.7

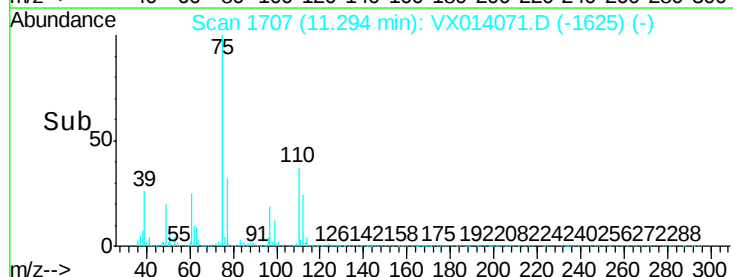
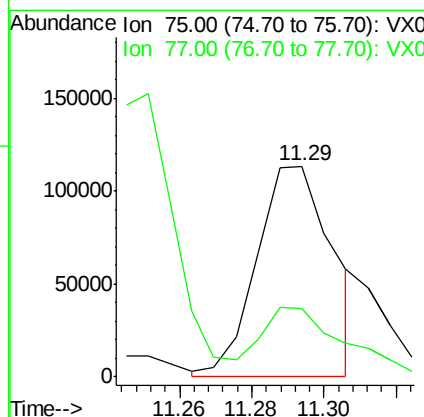
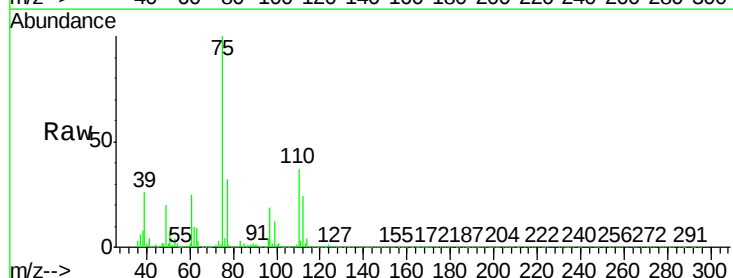
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#72
 1,2,3-Trichloropropane
 Concen: 19.516 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX014071.D
 Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.3	0.0	68.4





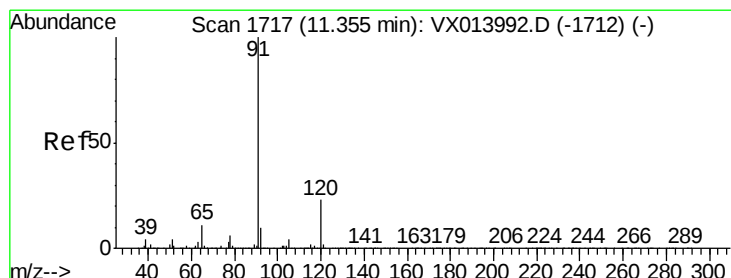
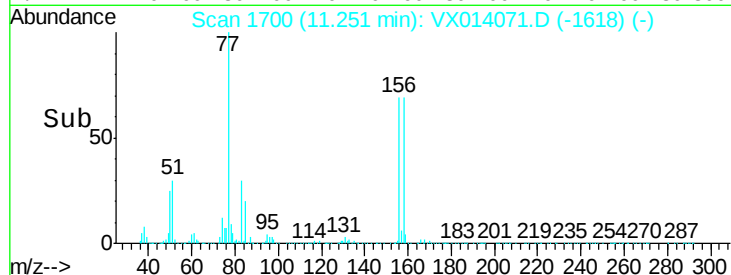
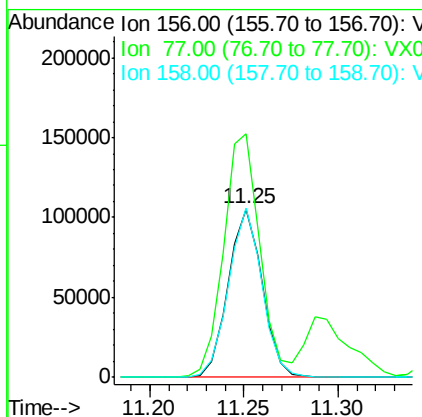
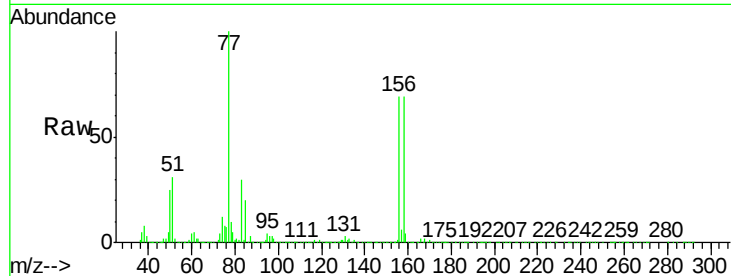
#73
Bromobenzene
Concen: 18.363 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

Tot Ion	Ratio	Resp	Lower	Upper
156	100	132445		
77	153.2	0.0	304.6	
158	98.7	0.0	195.2	

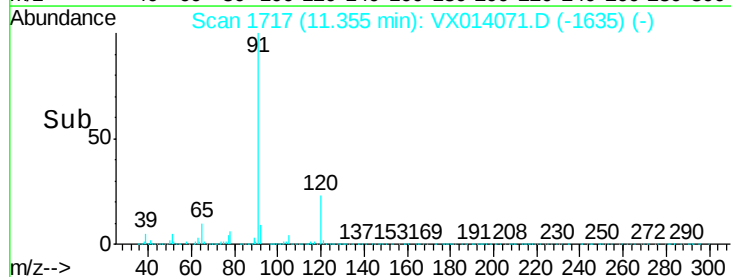
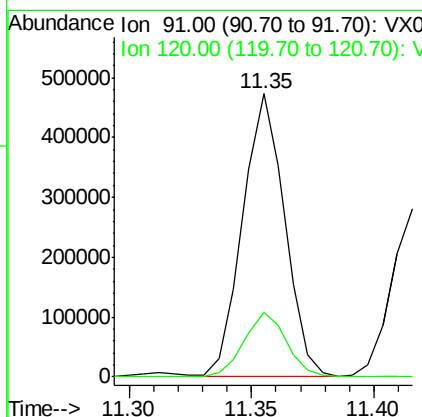
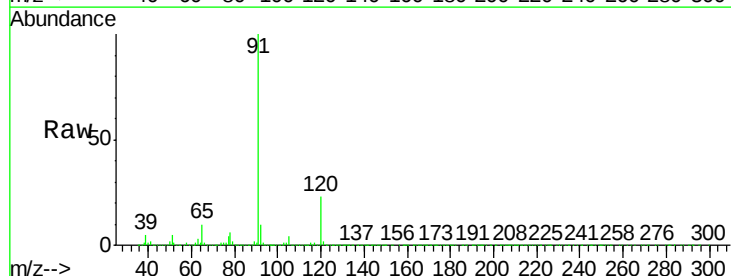
Manual Integrations
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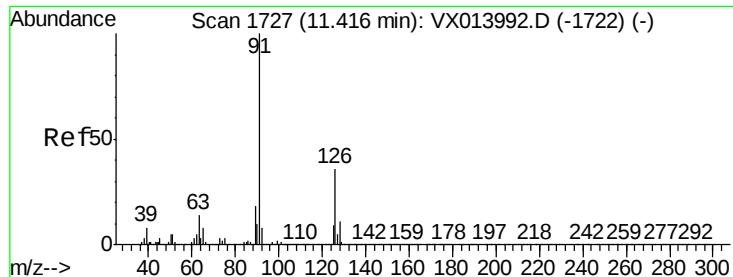
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#74
n-propylbenzene
Concen: 18.535 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	568012		
120	22.9	0.0	44.8	





#75

2-Chlorotoluene

Concen: 18.480 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

Tot Ion: 91 Resp: 342206

Ion Ratio Lower Upper

91 100

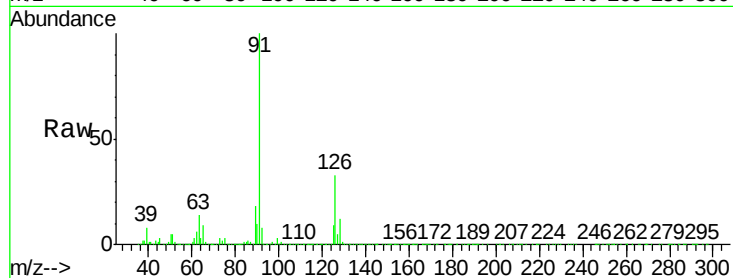
126 34.2 0.0 70.8

Manual Integrations

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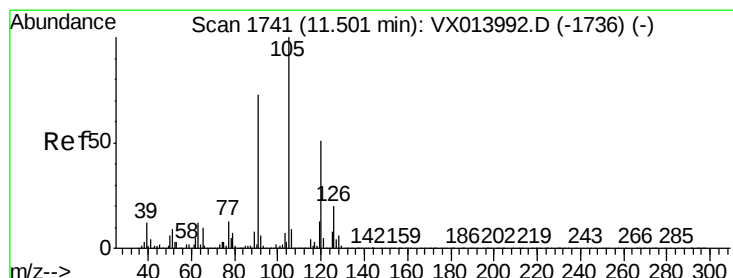
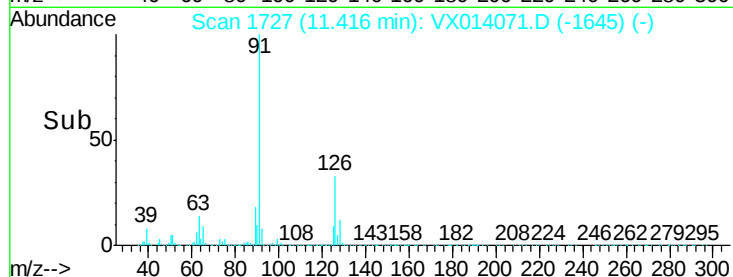
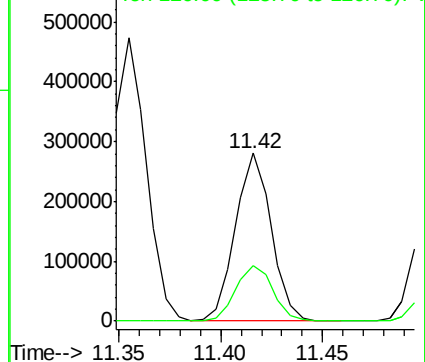
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 18.186 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014071.D

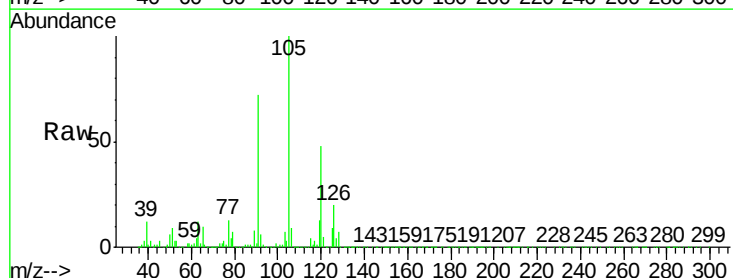
Acq: 18 Dec 2019 00:21

Tgt Ion: 105 Resp: 416844

Ion Ratio Lower Upper

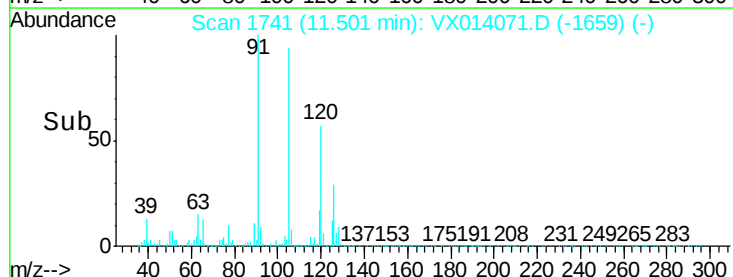
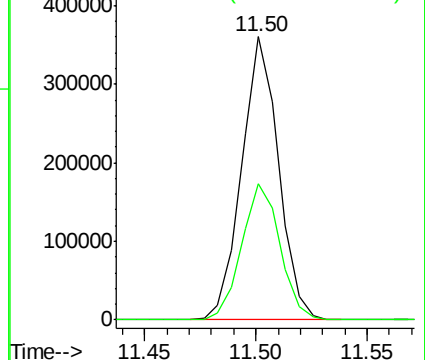
105 100

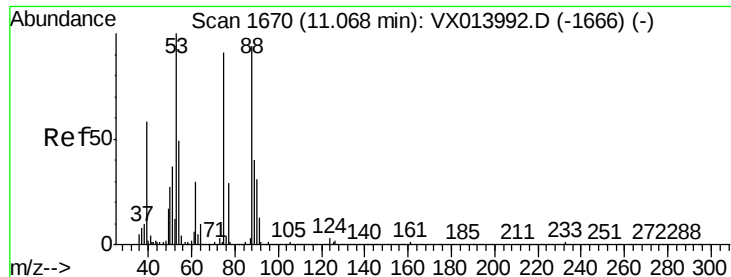
120 49.9 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 18.069 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

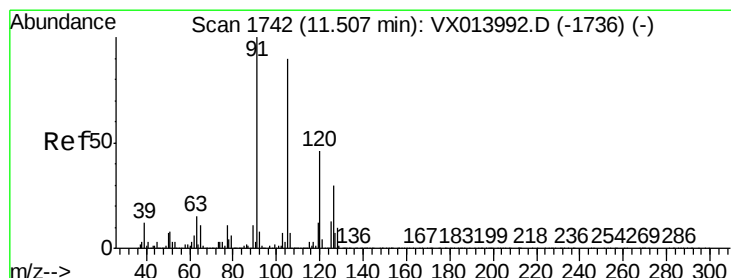
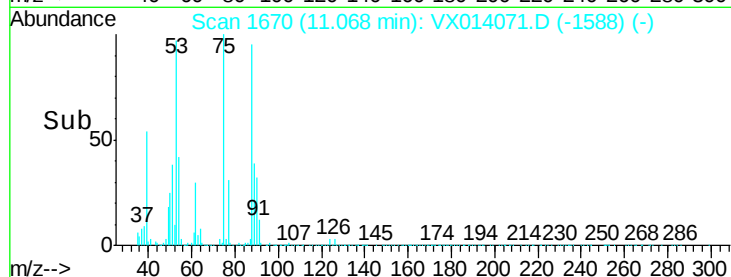
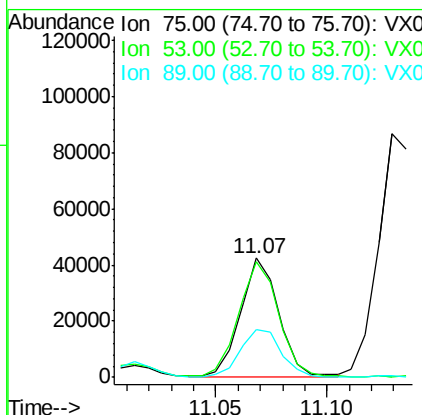
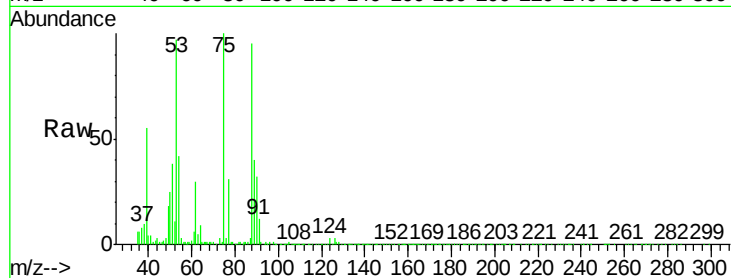
ClientSampleId :

VX1217WBS02

Tot Ion:	75	Resp:	50891
Ion Ratio	Lower	Upper	
75	100		
53	96.6	54.4	163.1
89	39.8	21.9	65.5

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#78

4-Chlorotoluene

Concen: 18.082 ug/l

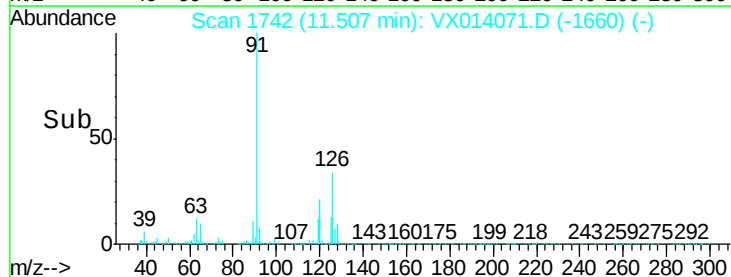
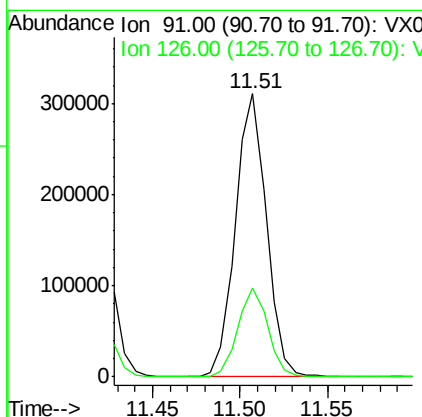
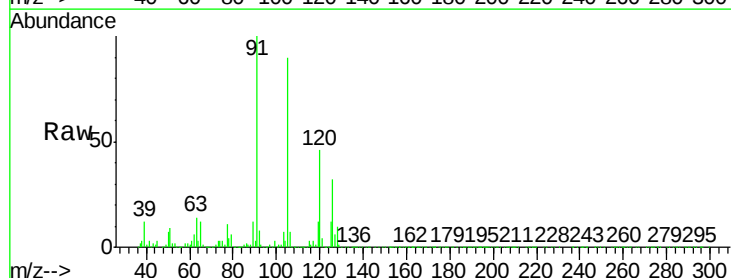
RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Tgt Ion:	91	Resp:	382607
Ion Ratio	Lower	Upper	
91	100		
126	30.5	0.0	59.6





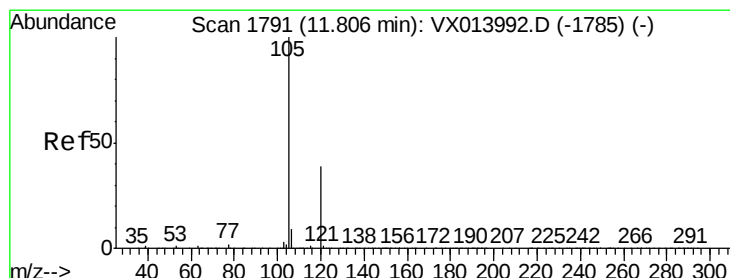
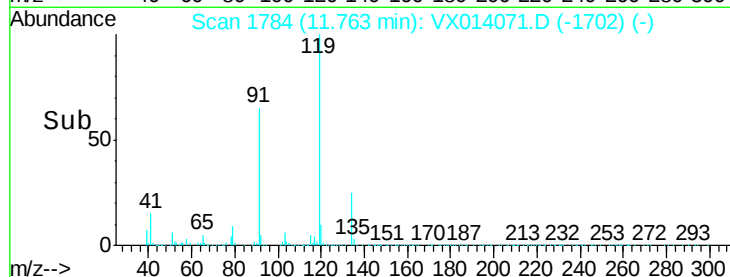
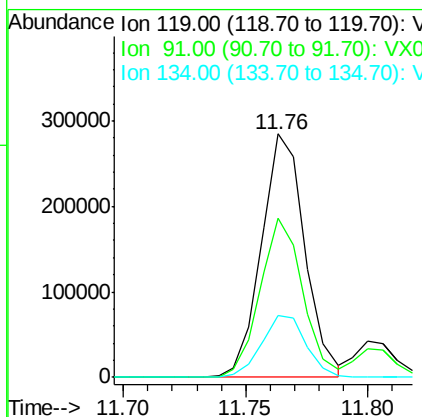
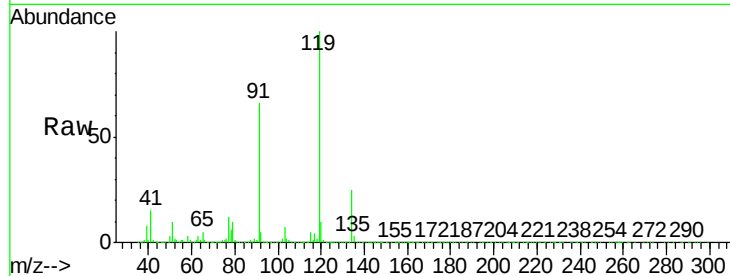
#79
tert-butylbenzene
Concen: 16.068 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	354988		
91	64.1	0.0	112.6	
134	26.1	0.0	49.8	

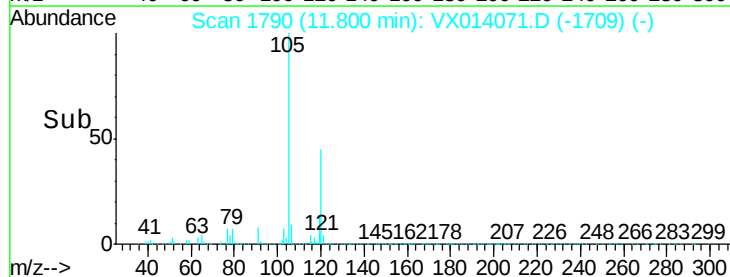
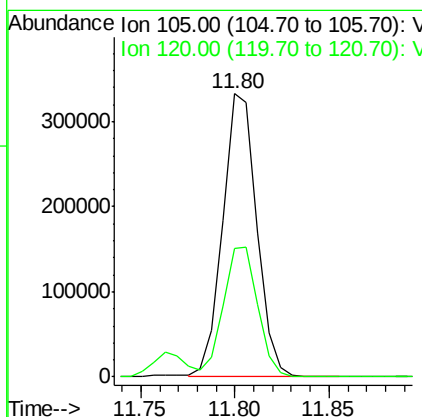
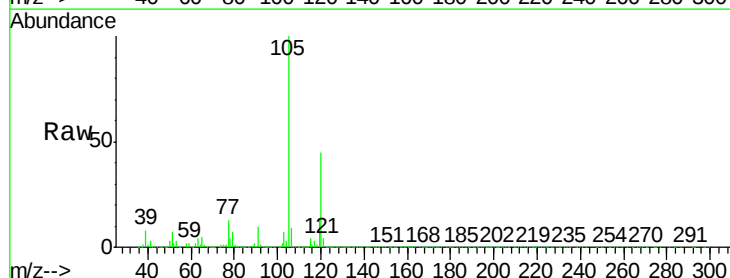
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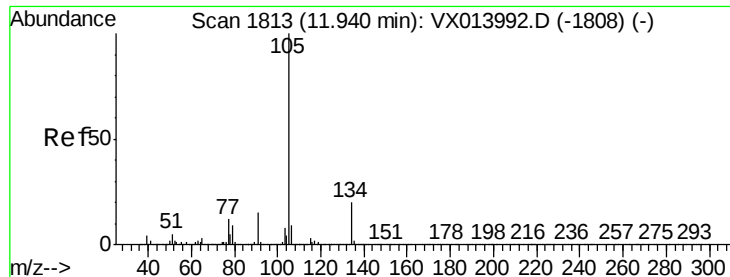
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#80
1,2,4-Trimethylbenzene
Concen: 18.193 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	416950		
120	46.2	0.0	92.0	





#81

sec-Butylbenzene

Concen: 18.230 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

Tot Ion:105 Resp: 479039

Ion Ratio Lower Upper

105 100

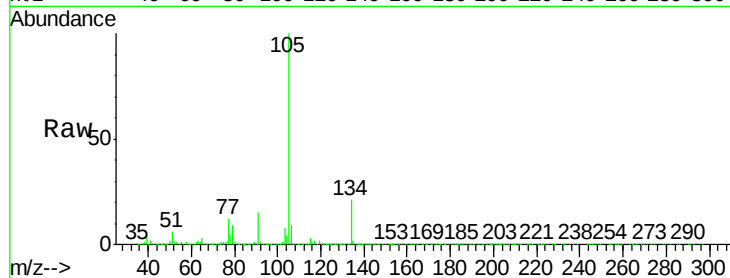
134 20.8 0.0 40.2

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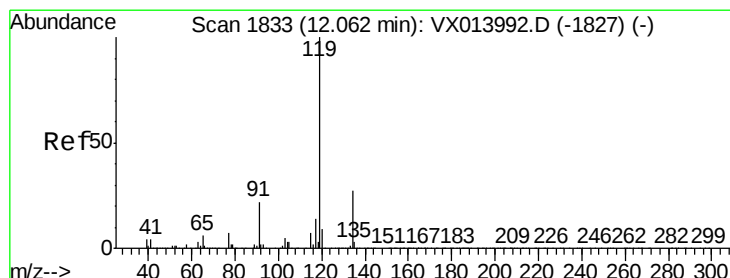
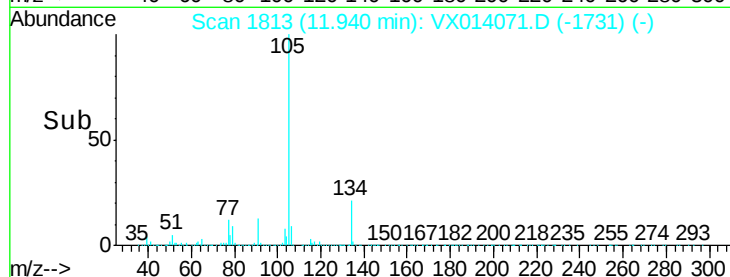
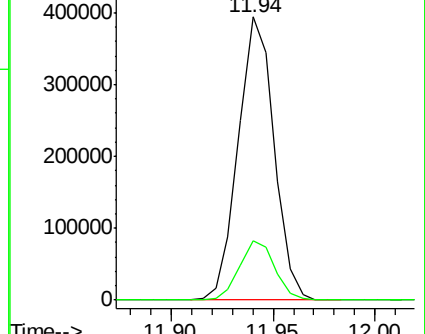
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.111 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

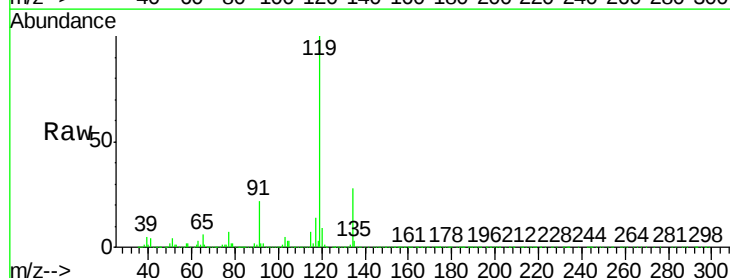
Tgt Ion:119 Resp: 429498

Ion Ratio Lower Upper

119 100

134 27.0 0.0 53.8

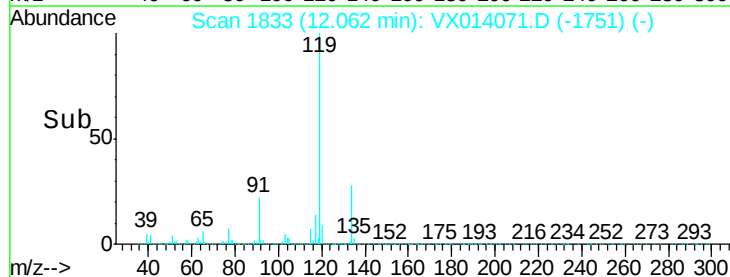
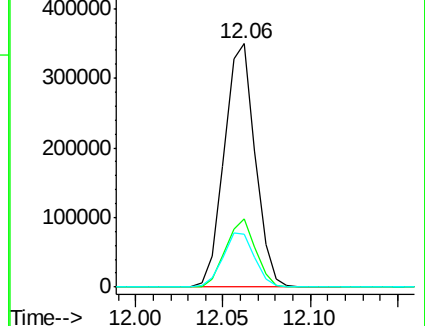
91 22.5 0.0 45.0

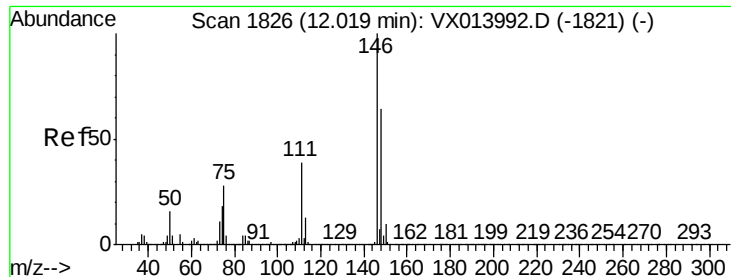


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





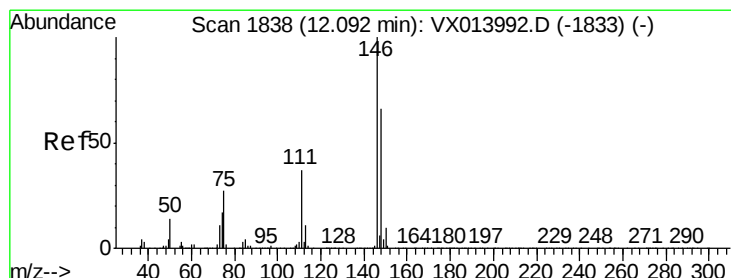
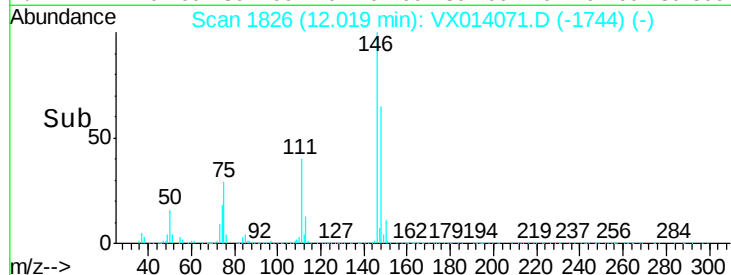
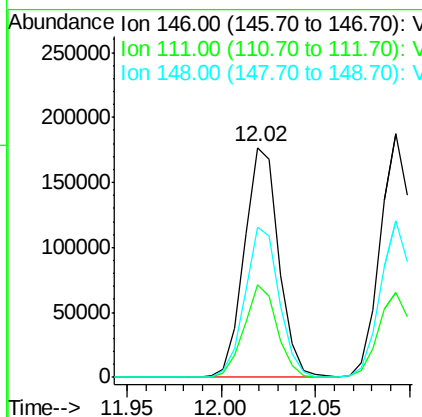
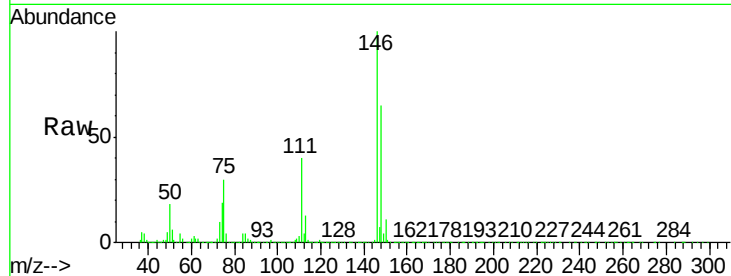
#83
 1,3-Dichlorobenzene
 Concen: 17.820 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014071.D
 Acq: 18 Dec 2019 00:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.3	57.9
148	64.7	32.2	96.6

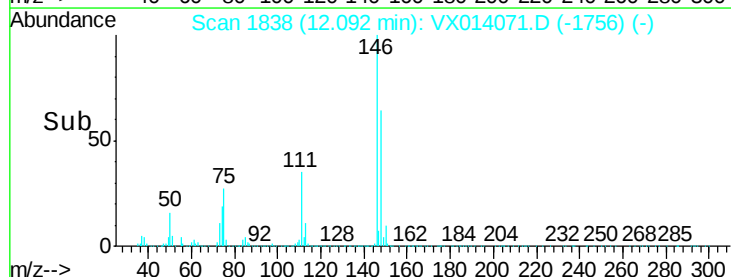
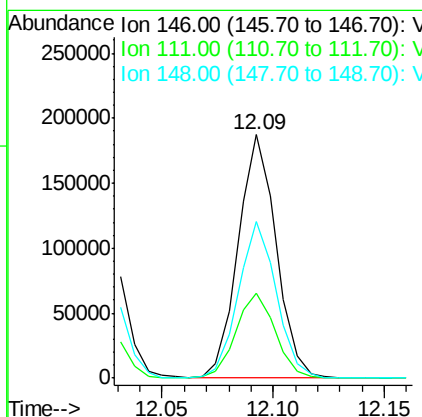
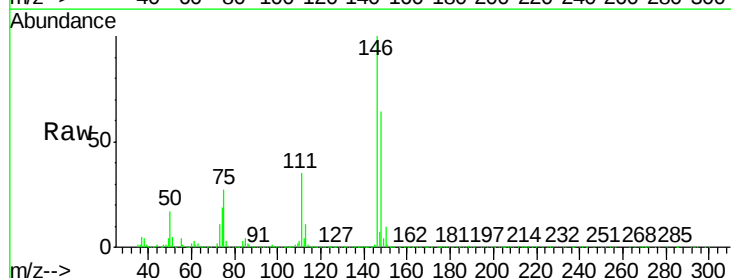
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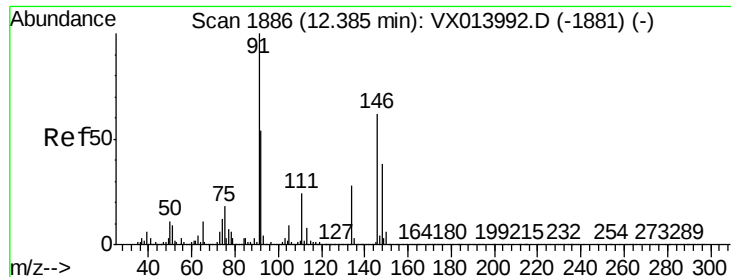
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#84
 1,4-Dichlorobenzene
 Concen: 17.775 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014071.D
 Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.4	55.4
148	64.5	32.0	96.0





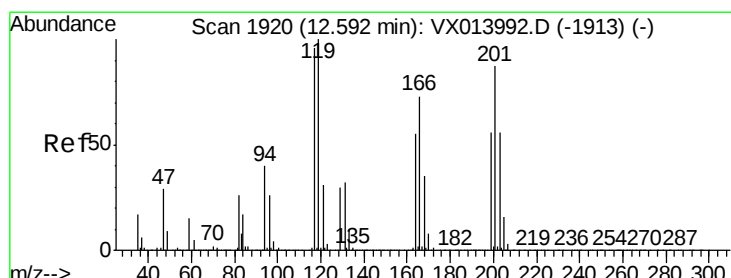
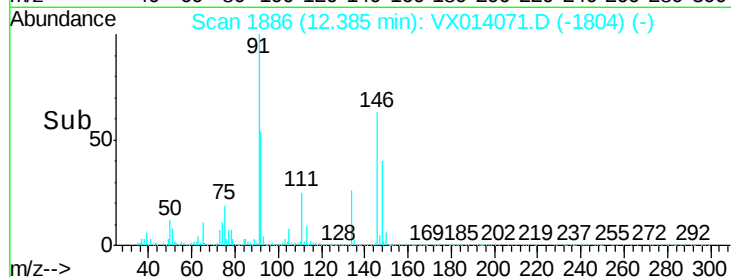
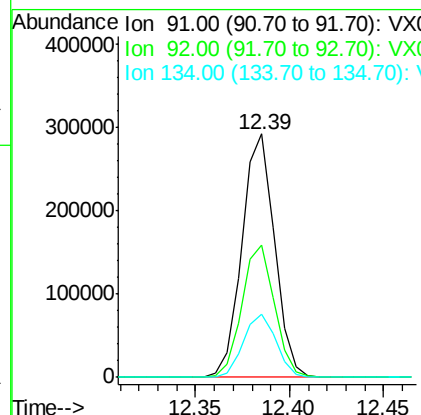
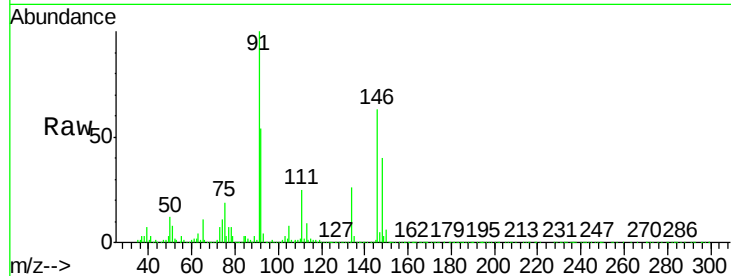
#85
n-Butylbenzene
Concen: 17.590 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	350725		
92	54.5	0.0	109.0	
134	26.2	0.0	54.0	

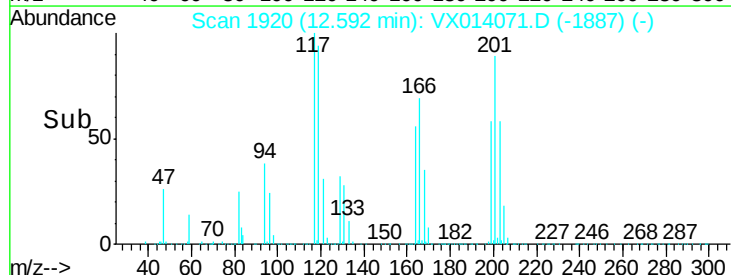
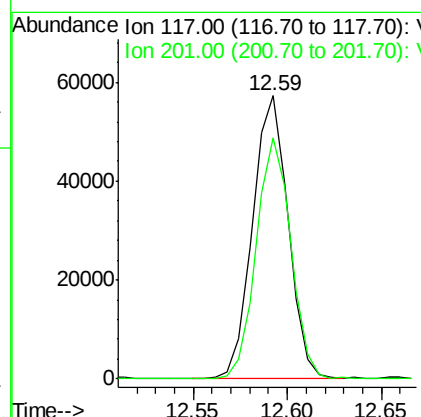
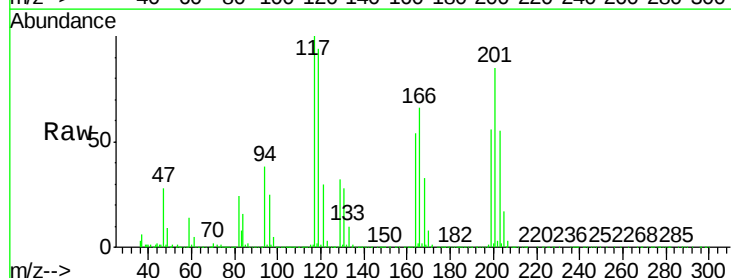
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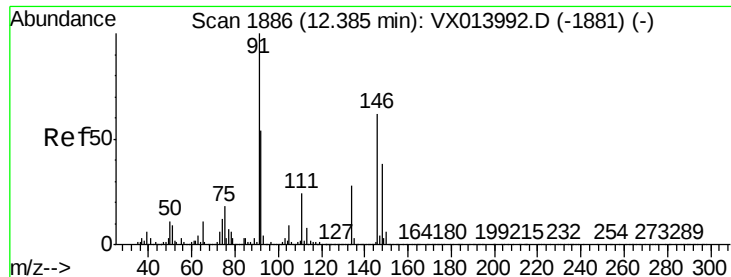
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#86
Hexachloroethane
Concen: 17.312 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	74476		
201	83.3	44.8	134.3	





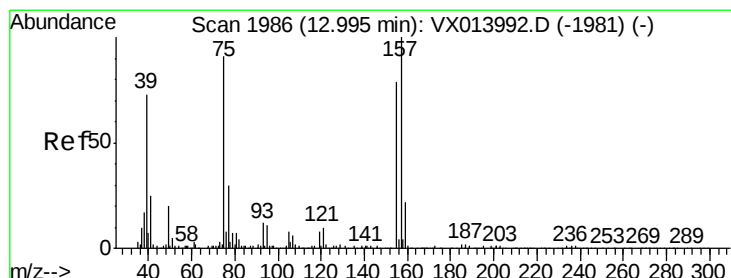
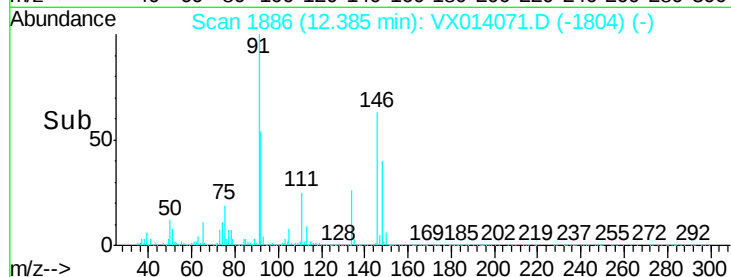
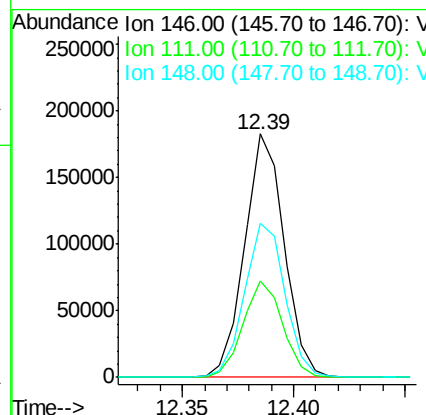
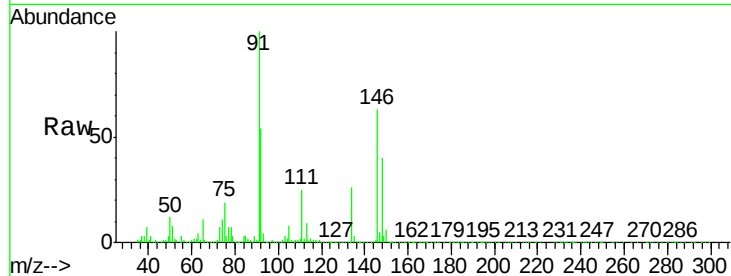
#87
 1,2-Dichlorobenzene
 Concen: 17.733 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014071.D
 Acq: 18 Dec 2019 00:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.1	60.2
148	65.0	32.0	96.2

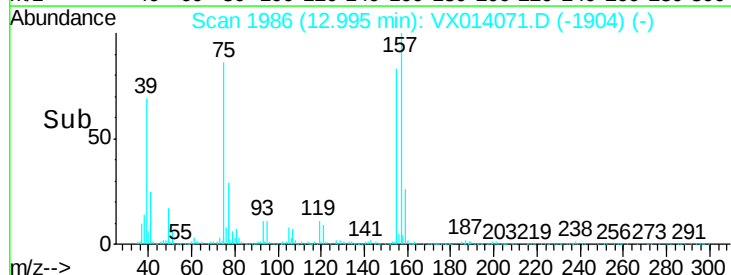
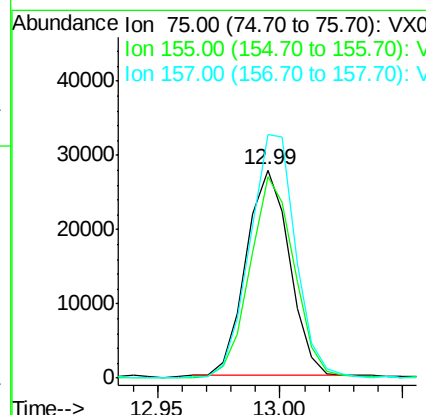
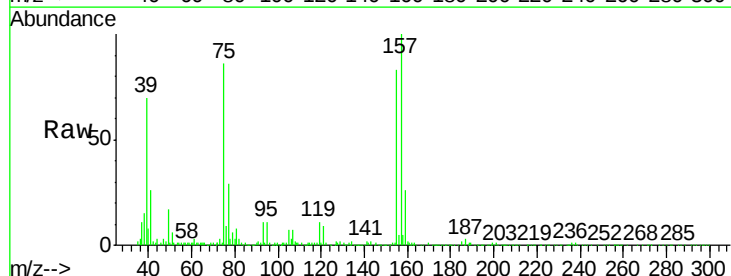
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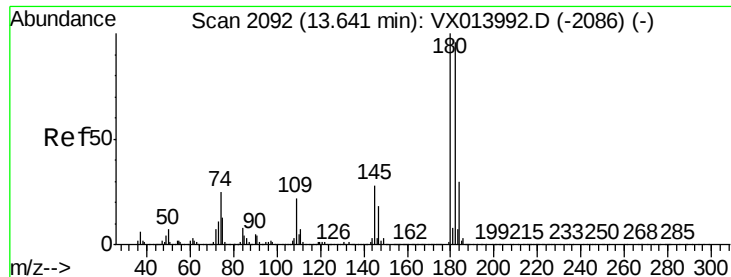
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.859 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014071.D
 Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.6	73.8	110.6
157	126.6	95.0	142.4





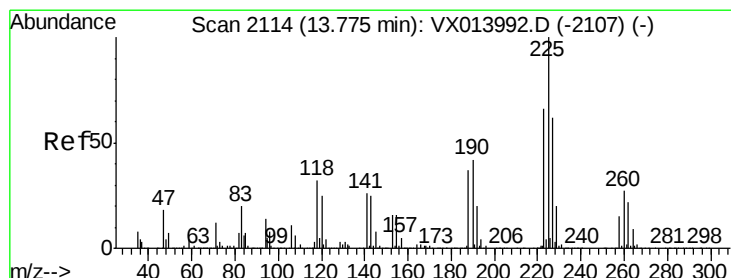
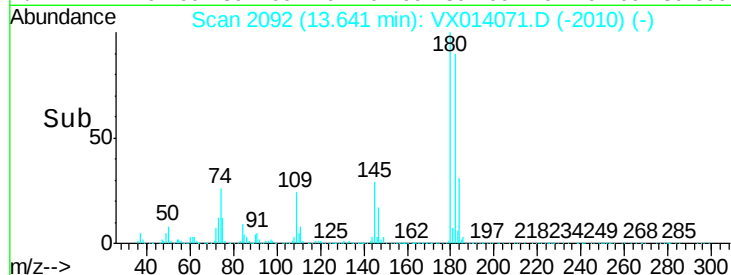
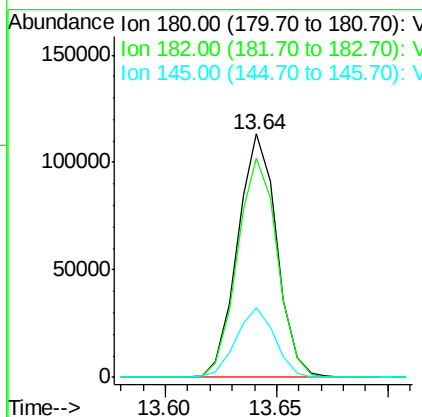
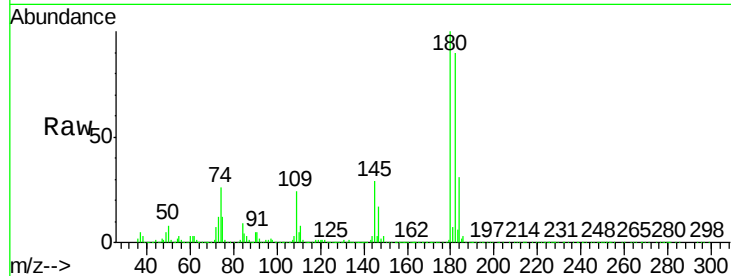
#89
1,2,4-Trichlorobenzene
Concen: 17.016 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	138872		
182	91.9	76.4	114.6	
145	28.4	21.9	32.9	

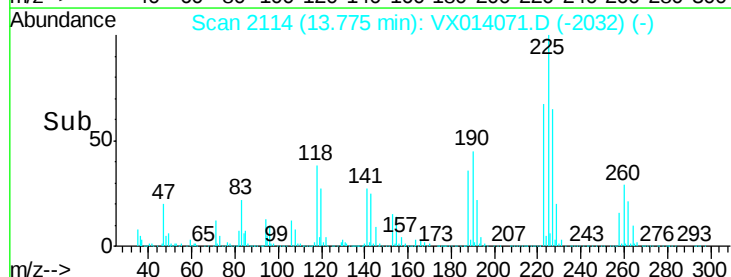
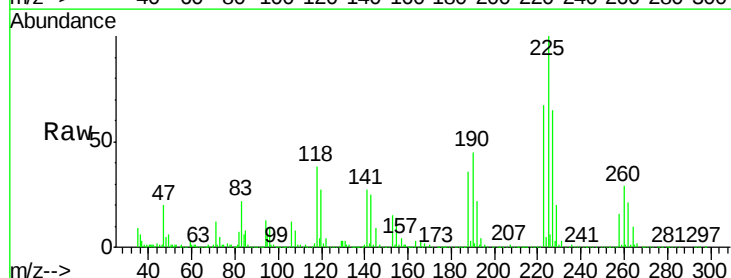
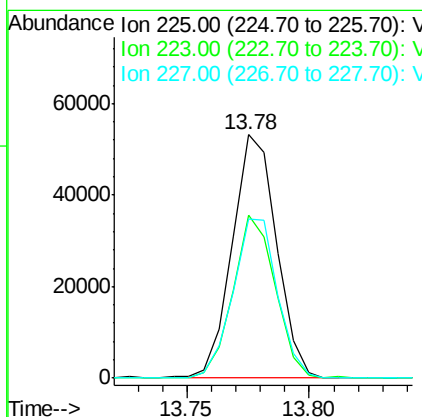
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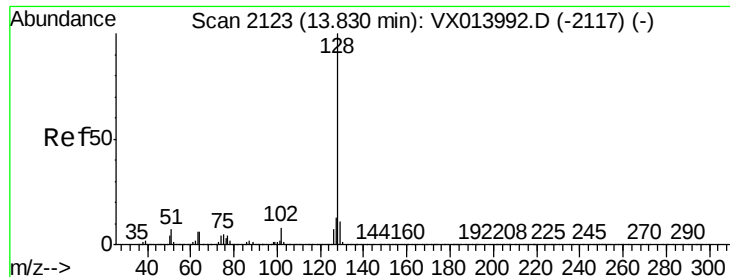
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#90
Hexachlorobutadiene
Concen: 17.235 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	66859		
223	63.7	0.0	127.4	
227	66.2	0.0	122.8	





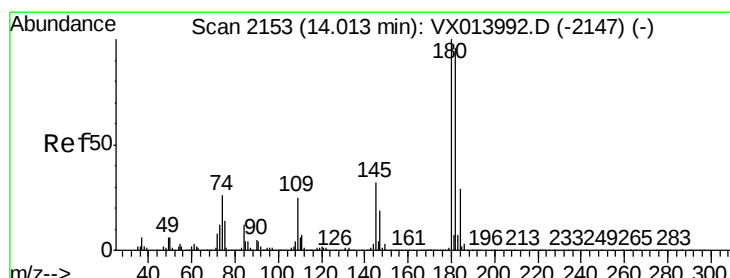
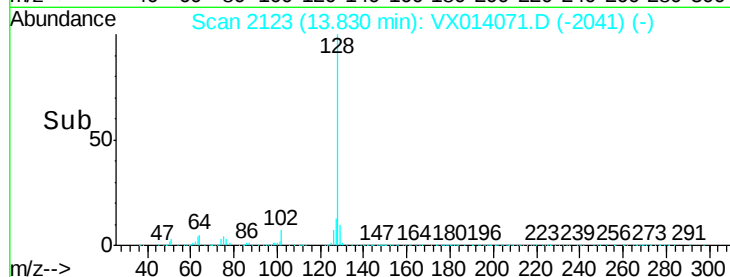
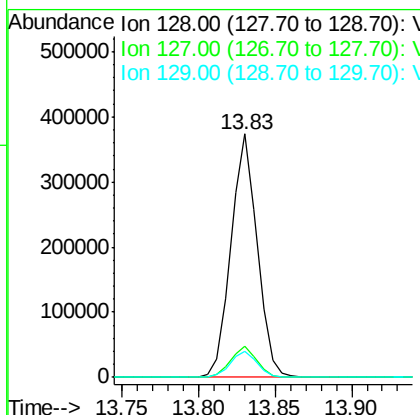
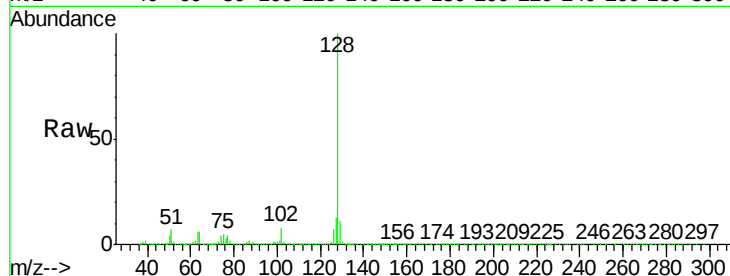
#91
Naphthalene
Concen: 18.018 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.8	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 17.345 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	0.0	192.8
145	30.3	0.0	60.0

