

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX013998.D
 Acq On : 13 Dec 2019 02:26
 Operator : JC/SP
 Sample : VX1212WBS04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1212WBS04

Manual Integrations
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 12/13/2019 12:40:18 PM

Quant Time: Dec 13 04:50:03 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	98883	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	552919	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	496438	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	209940	29.65	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.83%
60) 4-Bromofluorobenzene	11.14	95	239244	29.84	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.47%
63) Toluene-d8	8.71	98	683302	30.79	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.63%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	84915	17.000	ug/l 99
3) Chloromethane	1.32	50	126976	18.036	ug/l 95
4) Vinyl Chloride	1.40	62	128765	17.842	ug/l 98
5) Bromomethane	1.63	94	91031	17.255	ug/l 98
6) Chloroethane	1.71	64	82649	18.540	ug/l 98
7) Trichlorofluoromethane	1.92	101	159634	17.776	ug/l 98
8) Diethyl Ether	2.18	74	75431	18.274	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	92270	17.228	ug/l 97
10) 1,1-Dichloroethene	2.36	96	98208	17.736	ug/l 96
11) Methyl Iodide	2.50	142	109590	15.374	ug/l 97
12) Methyl Acetate	2.76	43	151658	17.692	ug/l 98
13) Acrolein	2.28	56	102304	98.398	ug/l 100
14) Acrylonitrile	3.13	53	300210	89.586	ug/l 99
15) Acetone	2.44	58	81047	82.329	ug/l 91
16) Carbon Disulfide	2.56	76	258358	17.224	ug/l 97
17) Allyl chloride	2.72	41	170207	17.106	ug/l 94
18) Methylene Chloride	2.85	84	124702	18.379	ug/l 94
19) trans-1,2-Dichloroethene	3.16	96	106430	17.552	ug/l 100
20) Diisopropyl ether	3.84	45	370839	18.164	ug/l 95
21) 1,1-Dichloroethane	3.69	63	199531	18.007	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	124607	17.727	ug/l 99
23) tert-Butyl Alcohol	3.04	59	116017	88.266	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	334523	17.884	ug/l 99
25) Chloroform	5.20	83	194265	18.389	ug/l 98
26) Cyclohexane	5.57	56	172086	17.417	ug/l # 53
29) 1,1-Dichloropropene	5.79	75	143198	17.930	ug/l 98
30) 2-Butanone	4.66	43	417481	88.683	ug/l 99
31) 2,2-Dichloropropane	4.57	77	120653	16.331	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	155033	17.550	ug/l 100
33) Carbon Tetrachloride	5.78	117	131233	17.476	ug/l 97
34) Benzene	6.14	78	446709	17.938	ug/l 98
35) Methacrylonitrile	5.03	41	94395	18.644	ug/l 94
36) 1,2-Dichloroethane	6.18	62	151505	17.514	ug/l 100
37) Trichloroethene	7.21	130	117830	17.388	ug/l 95
38) Methylcyclohexane	7.45	83	160602	16.858	ug/l 99
39) 1,2-Dichloropropane	7.51	63	116964	18.083	ug/l 96
40) Dibromomethane	7.65	93	75613	18.299	ug/l 99

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Instrument :
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Quant Time: Dec 13 04:50:03 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	140653	17.580	ug/l	99
42) Vinyl Acetate	3.80	43	1538434	92.563	ug/l	100
43) Ethyl Acetate	4.82	43	170059	18.826	ug/l	98
44) Isopropyl Acetate	6.43	43	267225	17.663	ug/l	99
45) 1,4-Dioxane	7.74	88	53783	379.616	ug/l	98
46) Methyl methacrylate	7.76	41	129174	17.578	ug/l	98
47) n-amyl Acetate	10.89	43	225501	16.763	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	148185	16.970	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	168666	17.175	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	115273	18.077	ug/l	99
51) Ethyl methacrylate	9.17	69	177328	17.482	ug/l	98
52) 1,3-Dichloropropane	9.37	76	198059	18.281	ug/l	99
53) Dibromochloromethane	9.57	129	109939	17.241	ug/l	100
54) 1,2-Dibromoethane	9.67	107	120099	18.292	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	394267	88.176	ug/l	100
56) Bromoform	10.85	173	79392	15.966	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	838494	90.271	ug/l	99
59) 2-Hexanone	9.49	43	640890	90.919	ug/l	99
61) Tetrachloroethene	9.33	164	113409	17.268	ug/l	97
62) Toluene	8.78	91	480737	18.207	ug/l	100
64) Chlorobenzene	10.14	112	298285	18.032	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.21	131	108067	17.643	ug/l	100
66) Ethyl Benzene	10.25	91	520466	18.012	ug/l	99
67) m/p-Xylenes	10.35	106	394499	35.716	ug/l	98
68) o-Xylene	10.70	106	193679	17.700	ug/l	99
69) Styrene	10.71	104	328732	17.666	ug/l	98
70) Isopropylbenzene	11.01	105	506883	17.926	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	178228	17.773	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	159560m	17.876	ug/l	
73) Bromobenzene	11.25	156	132893	17.605	ug/l	100
74) n-propylbenzene	11.35	91	560953	17.490	ug/l	98
75) 2-Chlorotoluene	11.42	91	345034	17.804	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	421810	17.585	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	47402	16.081	ug/l	94
78) 4-Chlorotoluene	11.51	91	384037	17.342	ug/l	98
79) tert-butylbenzene	11.76	119	406917	17.599	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	419869	17.505	ug/l	100
81) sec-Butylbenzene	11.94	105	471927	17.160	ug/l	99
82) p-Isopropyltoluene	12.06	119	431133	17.372	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	229204	17.421	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	225035	17.177	ug/l	99
85) n-Butylbenzene	12.39	91	342250	16.402	ug/l	100
86) Hexachloroethane	12.59	117	75104	16.682	ug/l	95
87) 1,2-Dichlorobenzene	12.39	146	230681	17.262	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	34513	17.268	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	136604	15.994	ug/l	99
90) Hexachlorobutadiene	13.78	225	66662	16.420	ug/l	98
91) Naphthalene	13.83	128	435766	16.974	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	145850	16.836	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS04

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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

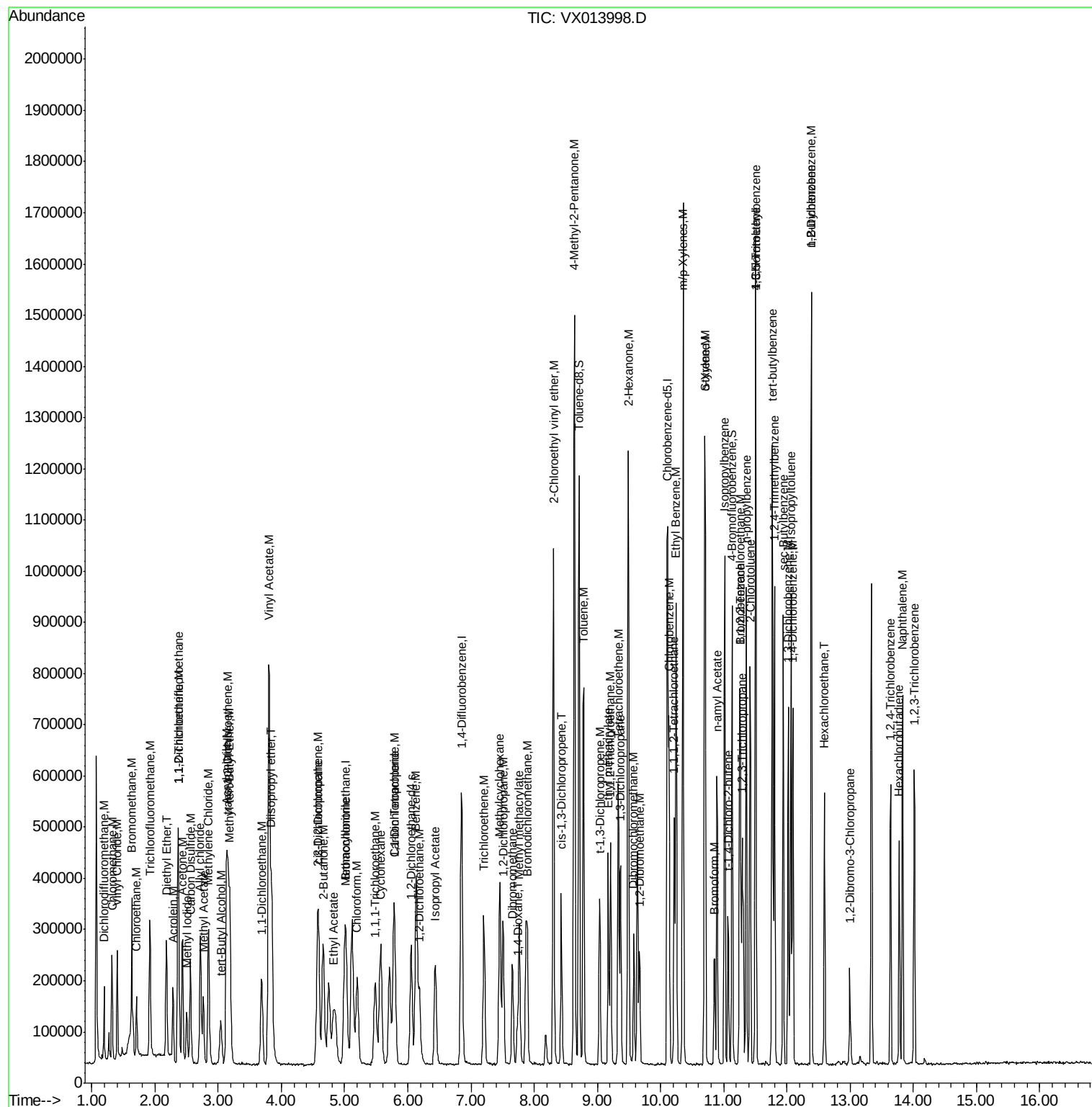
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 Data File : VX013998.D
 Acq On : 13 Dec 2019 02:26
 Operator : JC/SP
 Sample : VX1212WBS04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

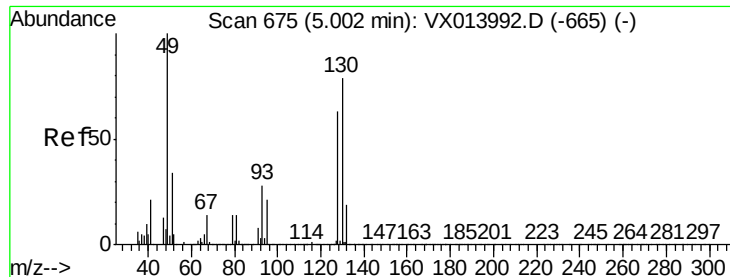
Instrument :
 MSVOA_X
 ClientSampleID :
 VX1212WBS04

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#1

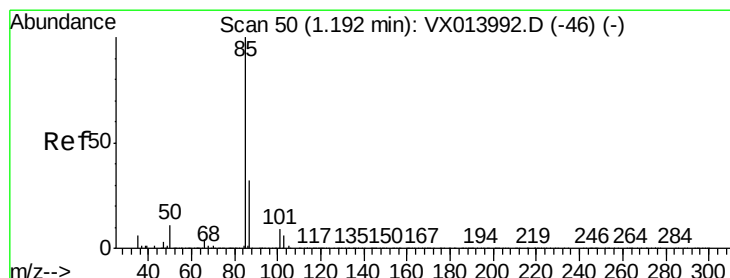
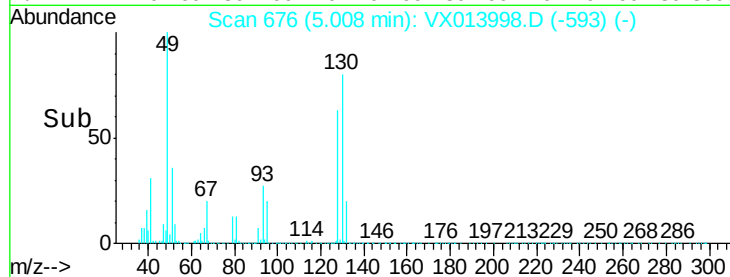
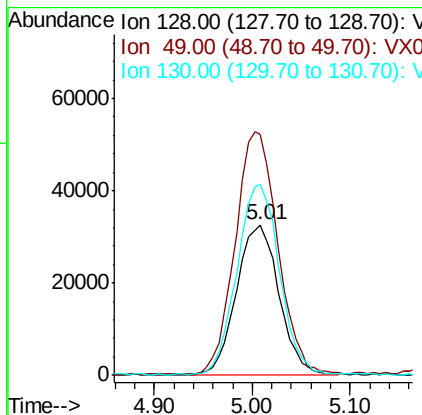
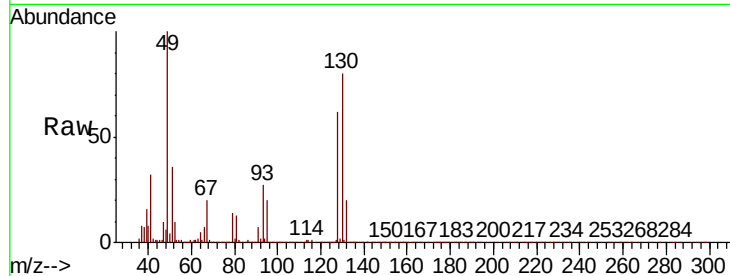
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS04

Tot Ion	Ratio	Lower	Upper
128	100		
49	159.0	0.0	405.0
130	126.1	0.0	321.5

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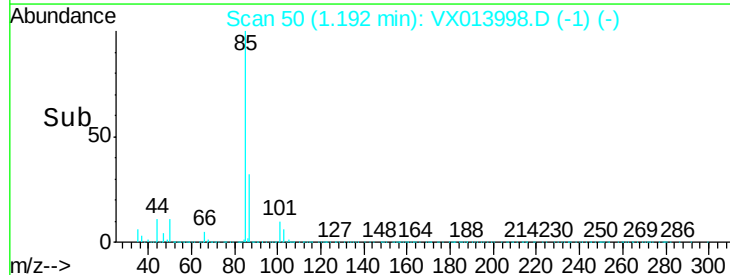
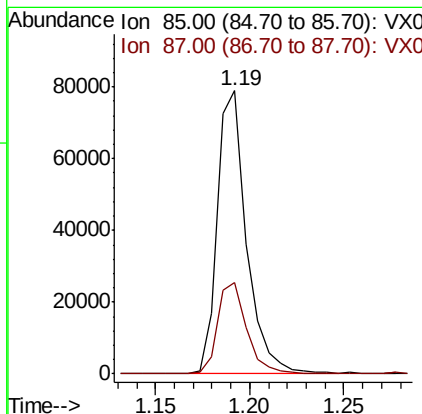
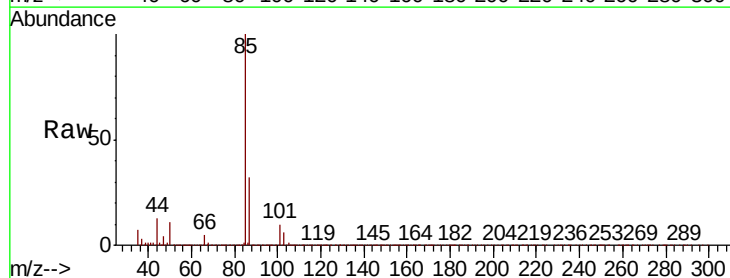
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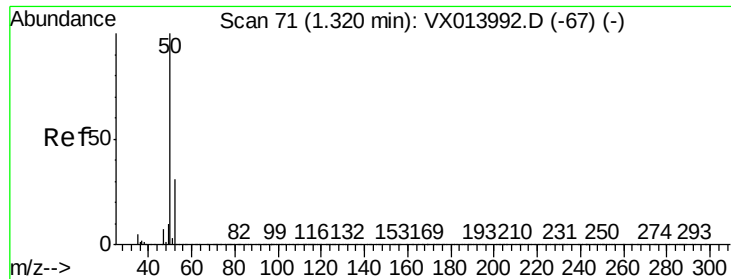


#2

Dichlorodifluoromethane
Concen: 17.000 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.3	48.9





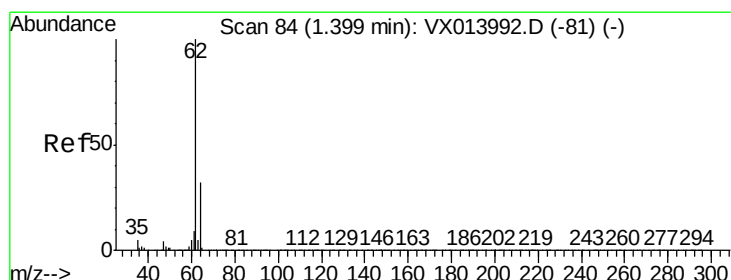
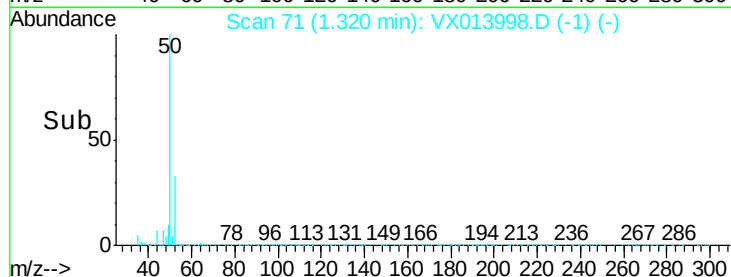
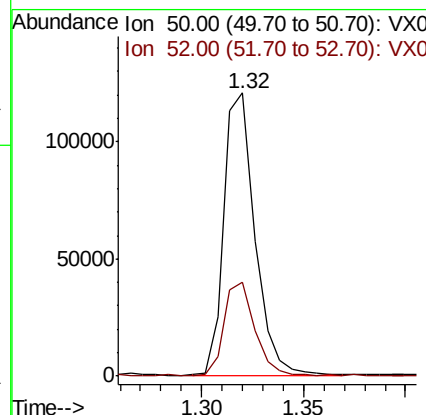
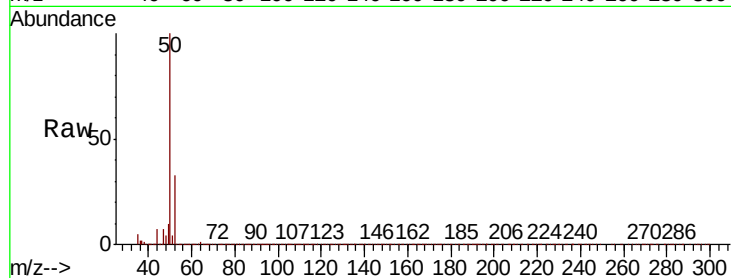
#3
Chloromethane
Concen: 18.036 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS04

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.1	24.3	36.5

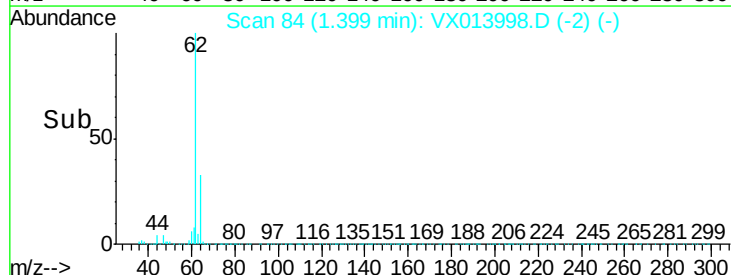
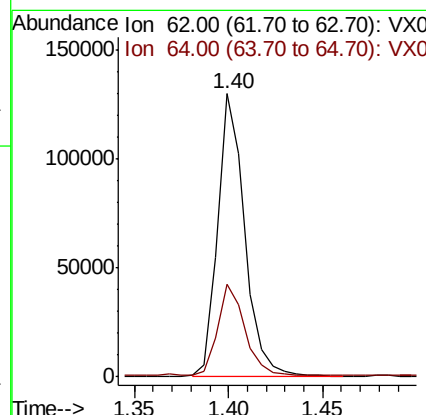
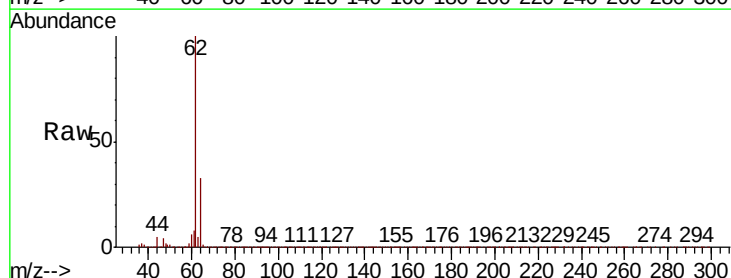
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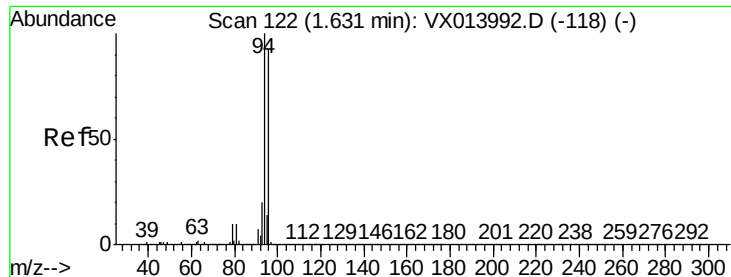
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#4
Vinyl Chloride
Concen: 17.842 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.4	25.2	37.8





#5

Bromomethane

Concen: 17.255 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS04

Tot Ion: 94 Resp: 91031

Ion Ratio Lower Upper

94 100

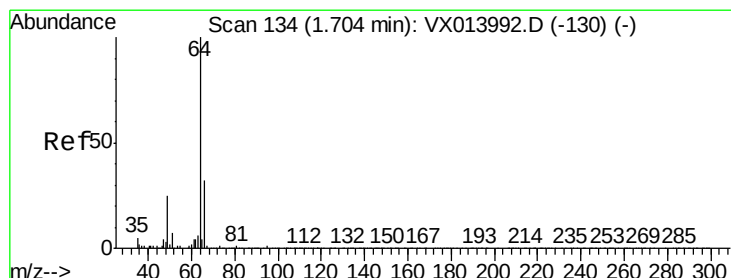
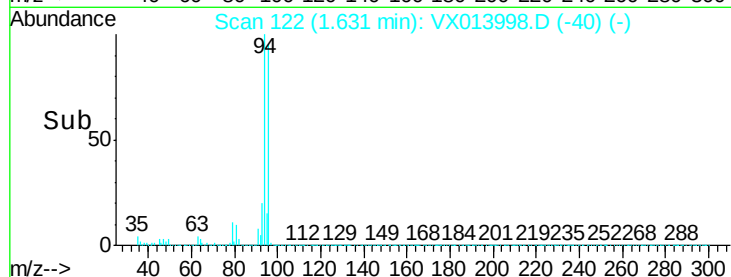
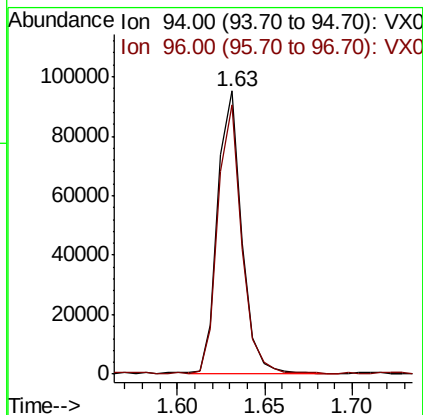
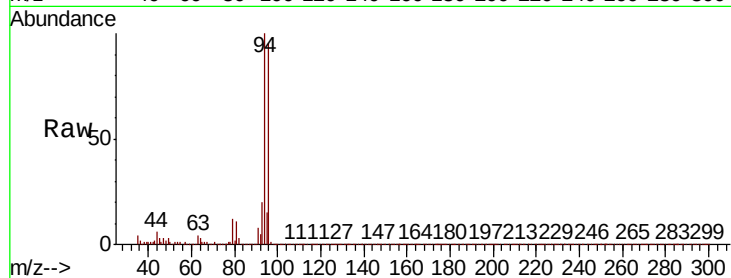
96 95.1 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 18.540 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013998.D

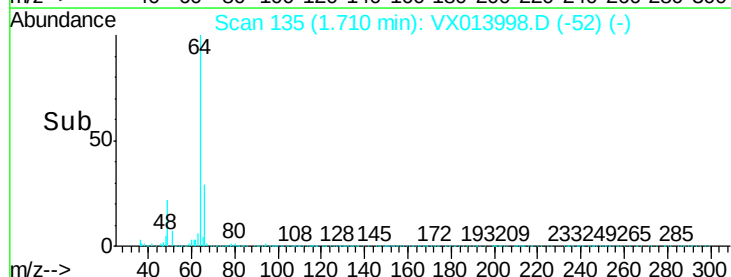
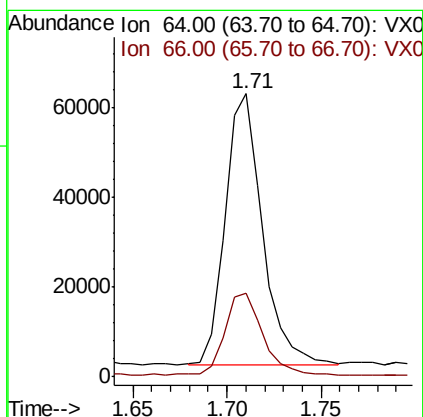
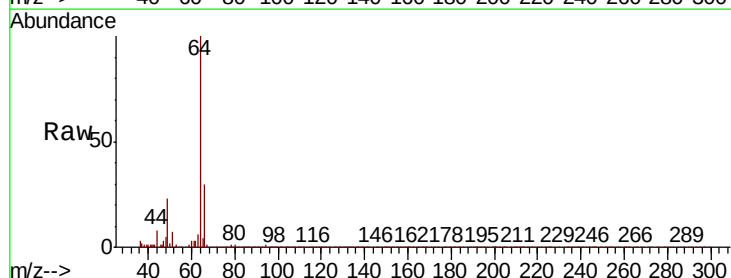
Acq: 13 Dec 2019 02:26

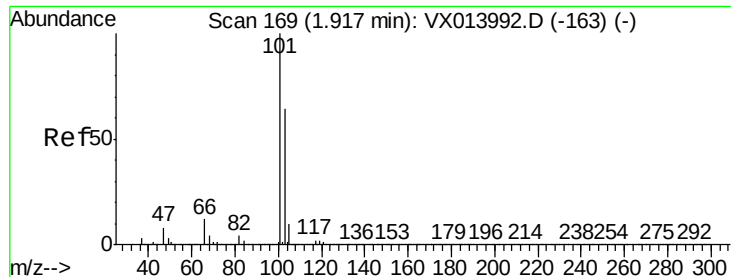
Tgt Ion: 64 Resp: 82649

Ion Ratio Lower Upper

64 100

66 30.5 25.2 37.8





#7

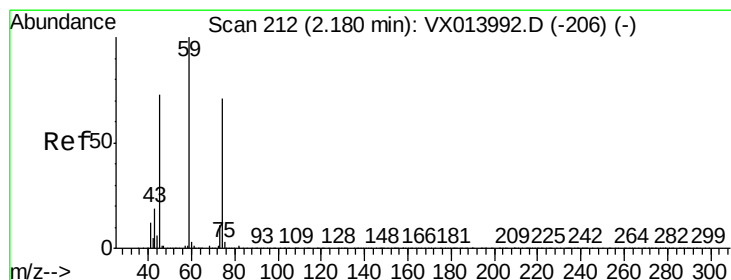
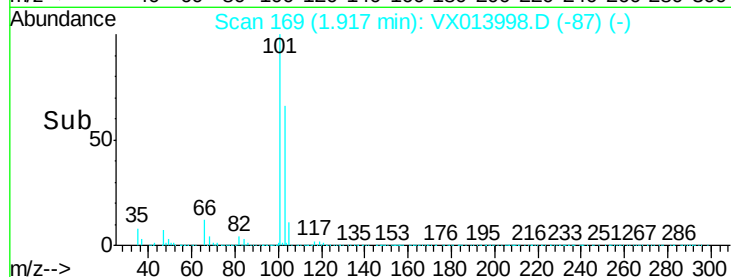
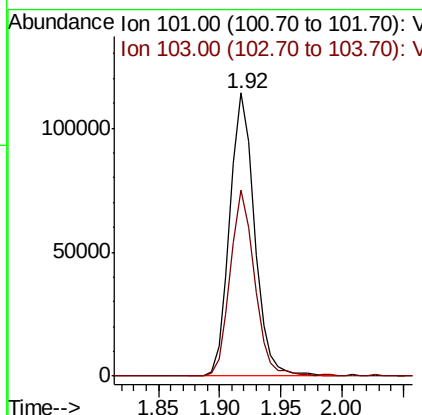
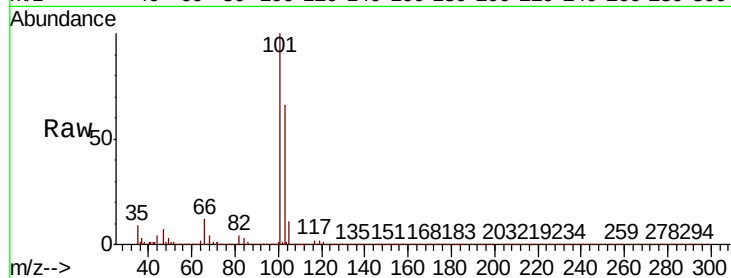
Trichlorofluoromethane
Concen: 17.776 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS04

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.6	77.4

Manual Integrations
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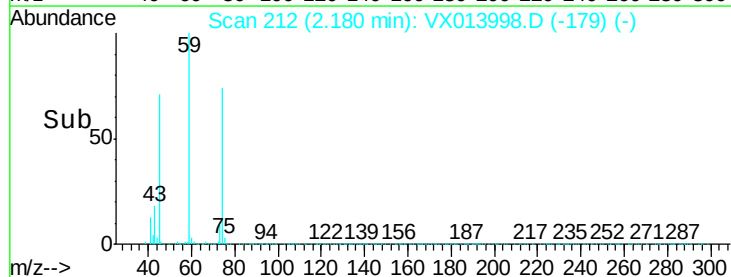
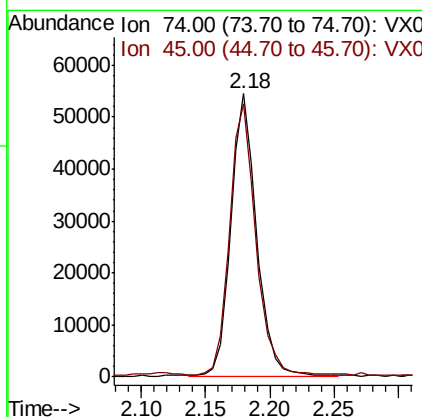
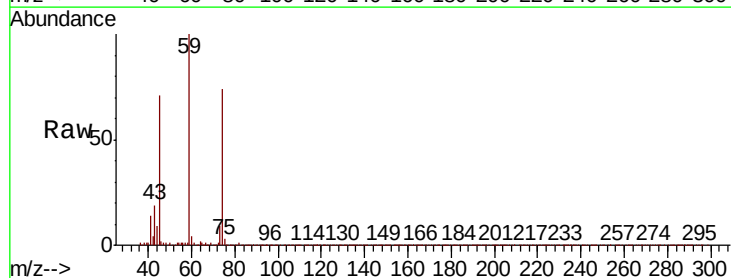
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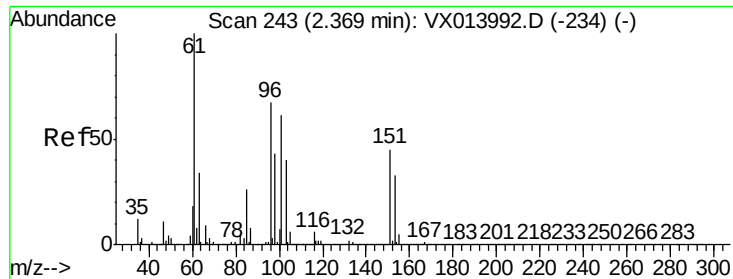


#8

Diethyl Ether
Concen: 18.274 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.9	20.6	185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.228 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Instrument :

MSVOA_X

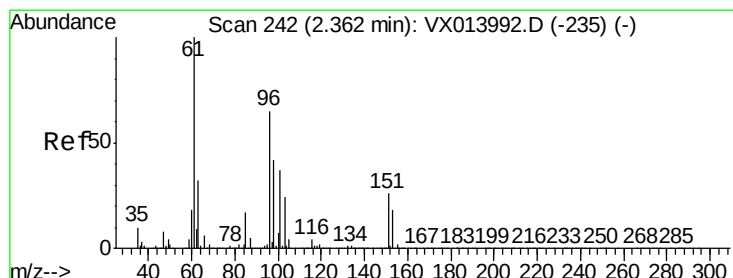
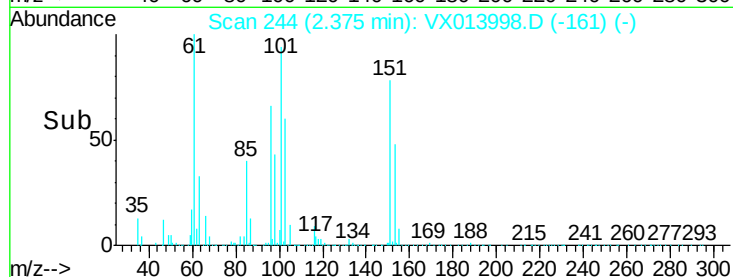
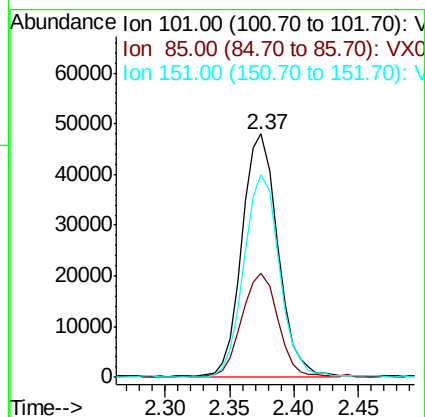
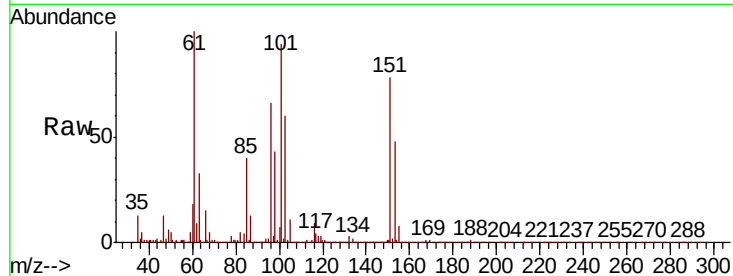
ClientSampleId :

VX1212WBS04

Tot Ion:	101	Resp:	92270
Ion Ratio	Lower	Upper	
101	100		
85	42.6	0.0	85.6
151	83.3	0.0	159.4

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#10

1,1-Dichloroethene

Concen: 17.736 ug/l

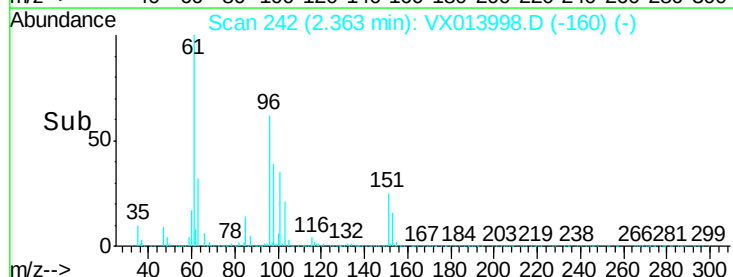
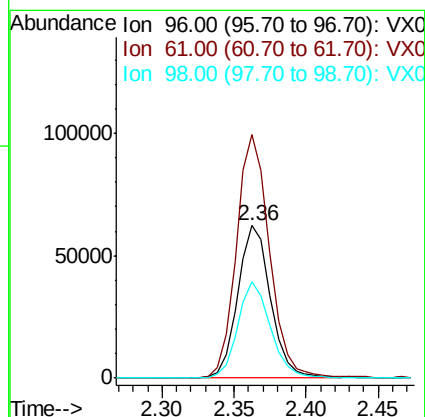
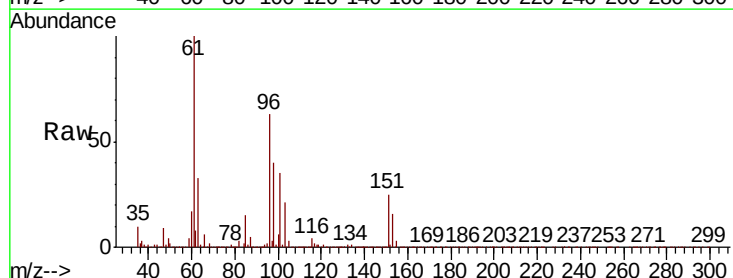
RT: 2.36 min Scan# 242

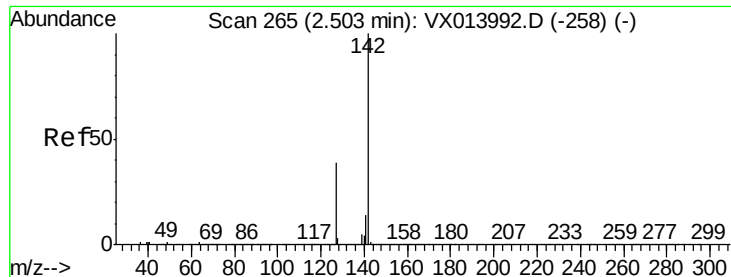
Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Tgt Ion:	96	Resp:	98208
Ion Ratio	Lower	Upper	
96	100		
61	160.3	123.0	184.6
98	63.3	51.4	77.0





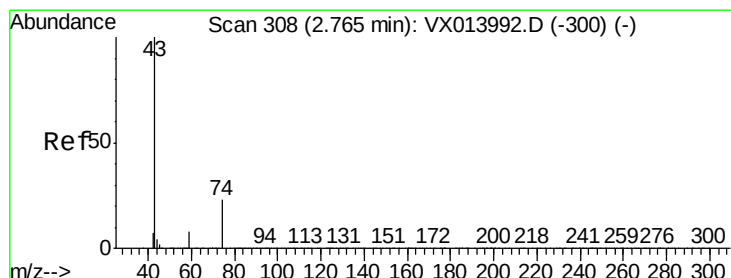
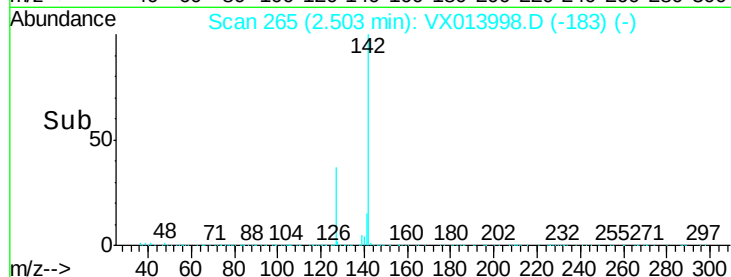
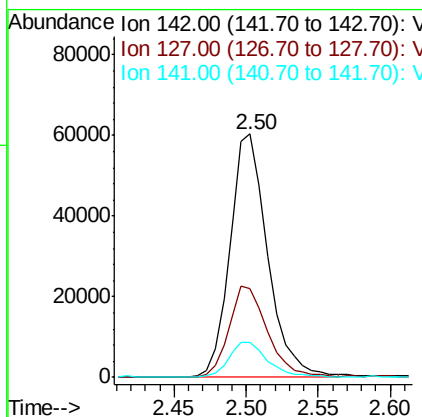
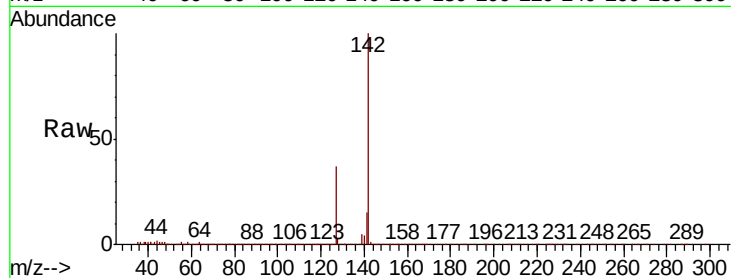
#11
Methyl Iodide
Concen: 15.374 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS04

Tot Ion	Ratio	Lower	Upper
142	100		
127	36.6	19.5	58.5
141	14.4	7.0	20.9

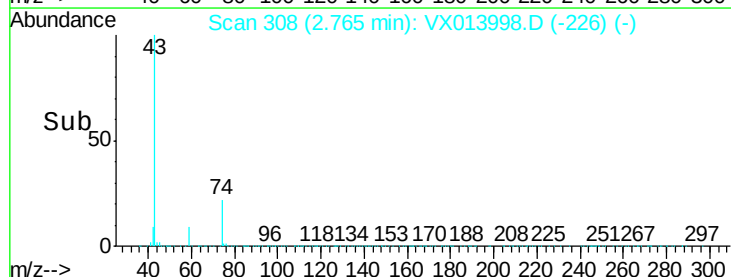
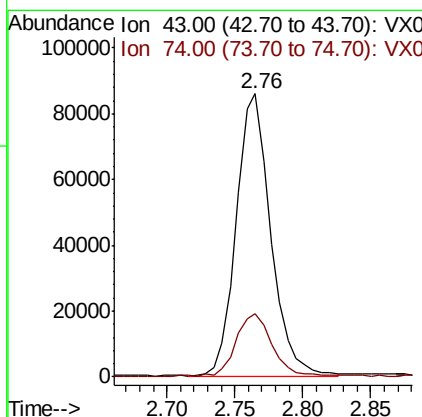
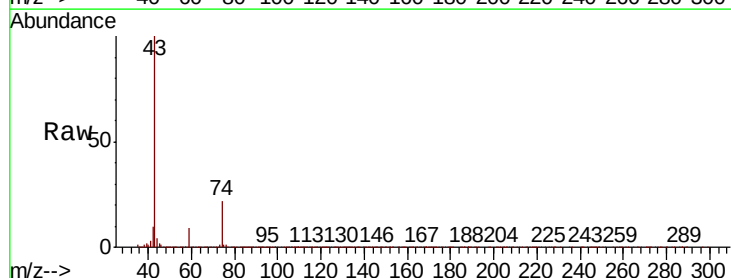
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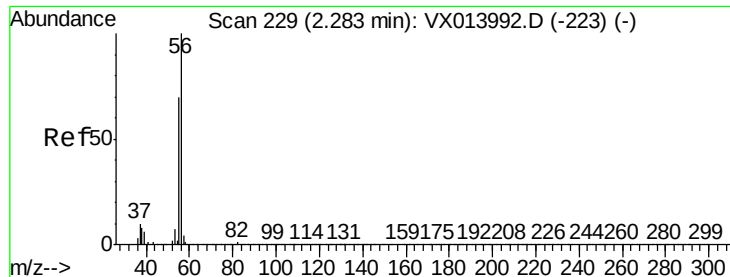
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#12
Methyl Acetate
Concen: 17.692 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	18.5	27.7





#13

Acrolein

Concen: 98.398 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS04

Tot Ion: 56 Resp: 102304

Ion Ratio Lower Upper

56 100

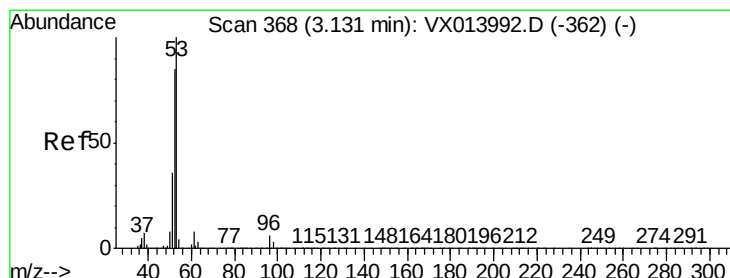
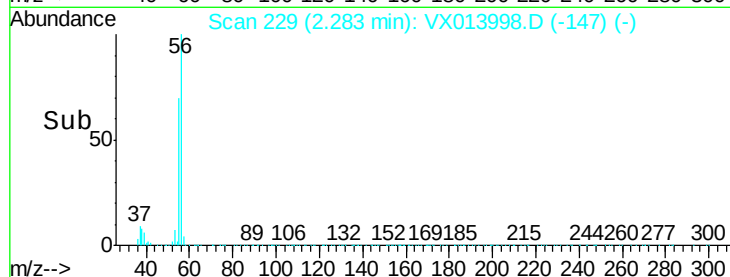
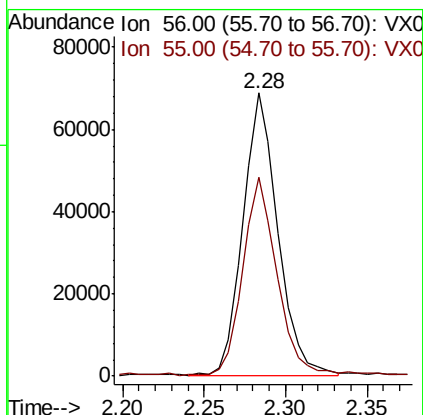
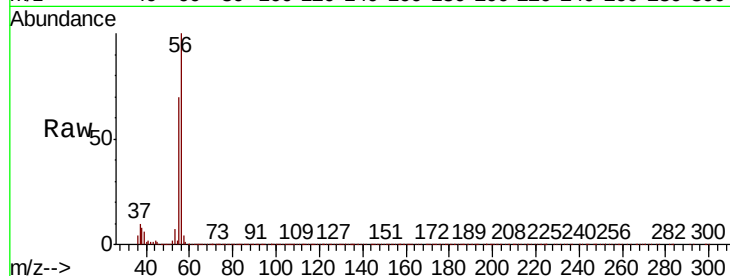
55 68.6 54.9 82.3

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#14

Acrylonitrile

Concen: 89.586 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

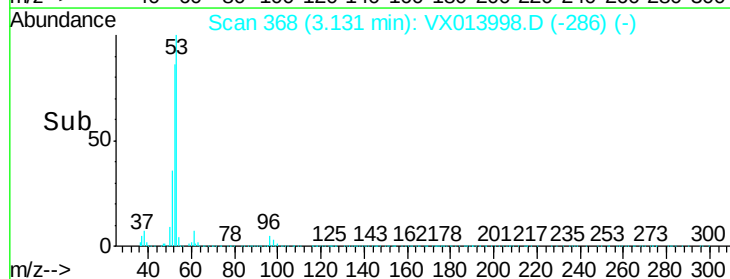
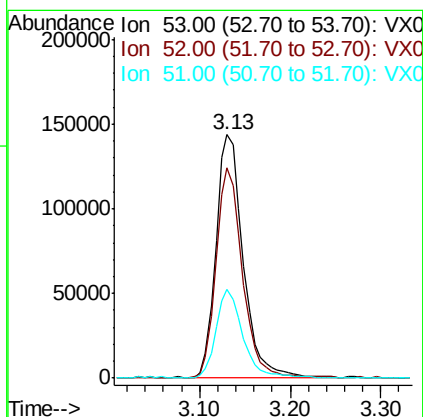
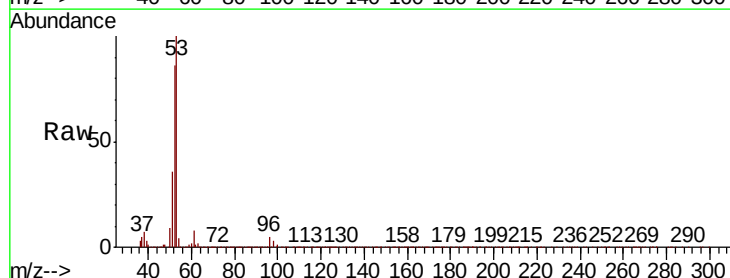
Tgt Ion: 53 Resp: 300210

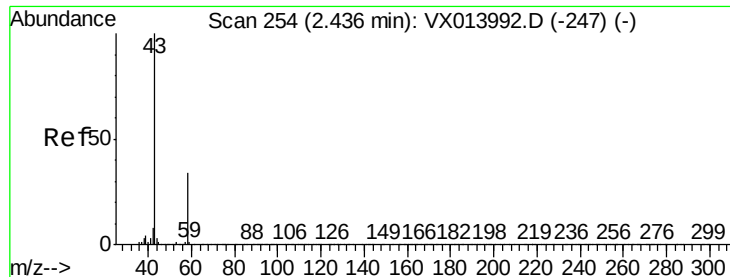
Ion Ratio Lower Upper

53 100

52 83.8 41.5 124.6

51 35.6 17.8 53.5





#15

Acetone

Concen: 82.329 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS04

Tot Ion: 58 Resp: 81047

Ion Ratio Lower Upper

58 100

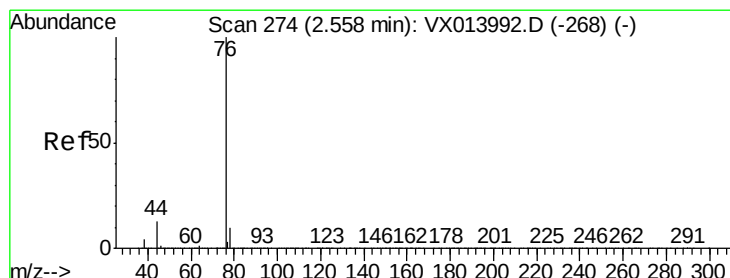
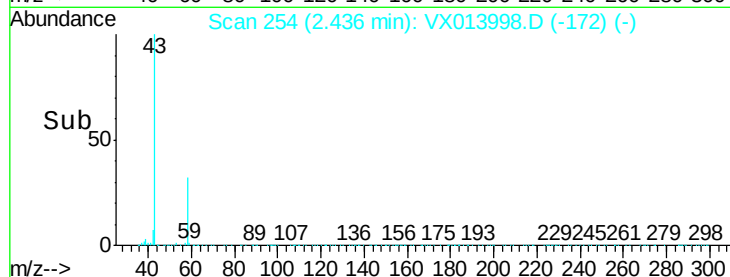
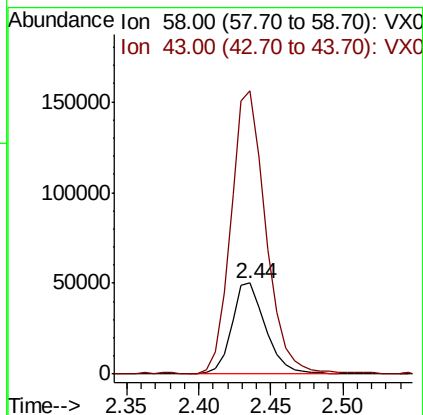
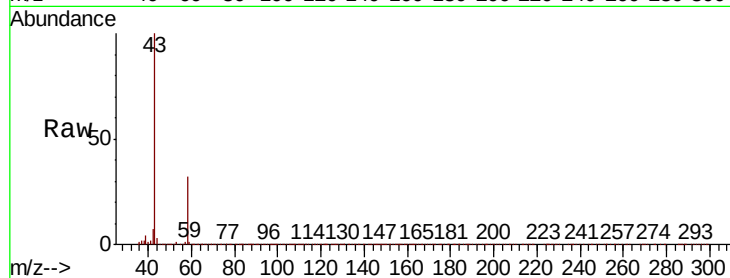
43 312.5 236.3 354.5

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#16

Carbon Disulfide

Concen: 17.224 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013998.D

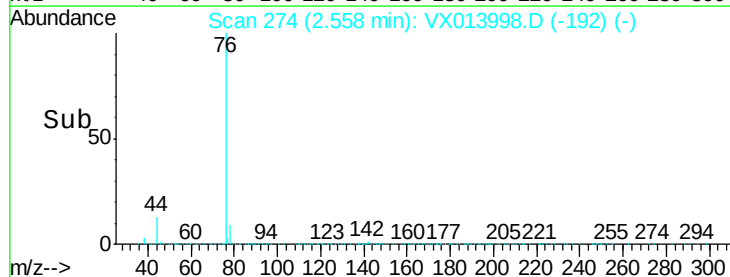
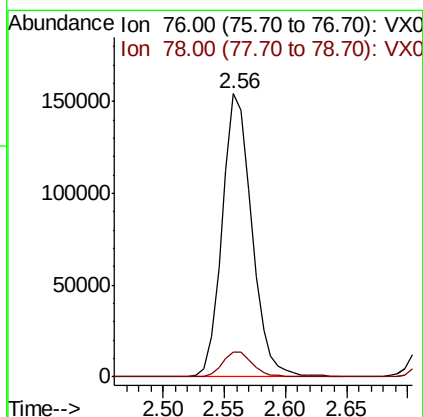
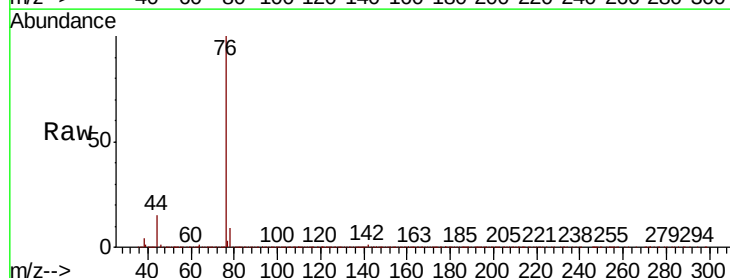
Acq: 13 Dec 2019 02:26

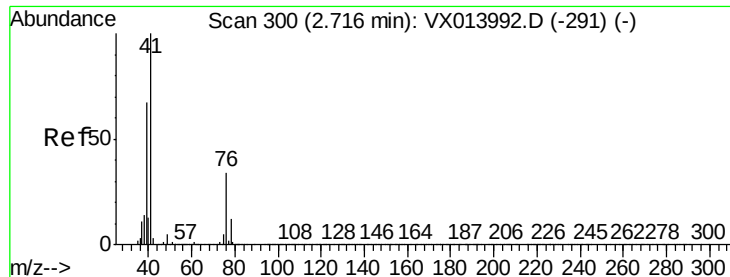
Tgt Ion: 76 Resp: 258358

Ion Ratio Lower Upper

76 100

78 8.8 7.8 11.8





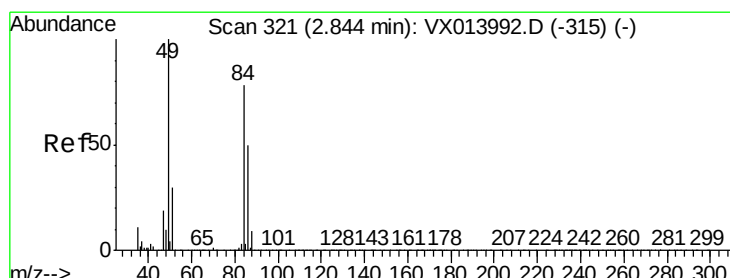
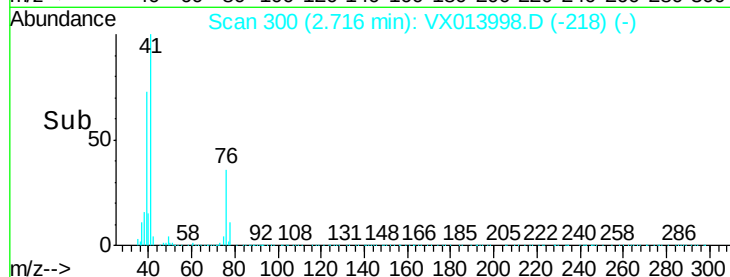
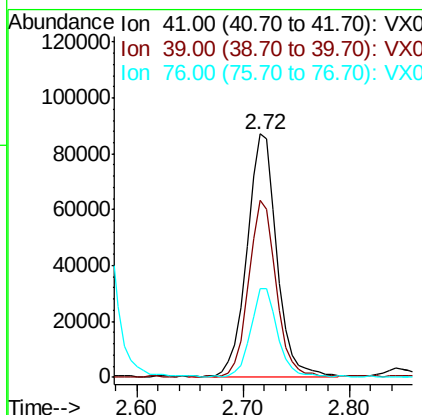
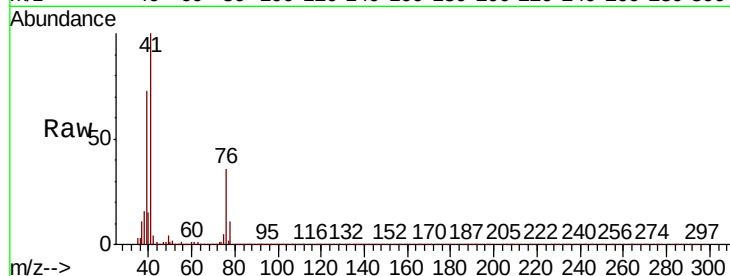
#17
Allvl chloride
Concen: 17.106 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS04

Tot Ion	Ratio	Lower	Upper
41	100		
39	72.7	33.4	100.2
76	36.0	17.0	50.9

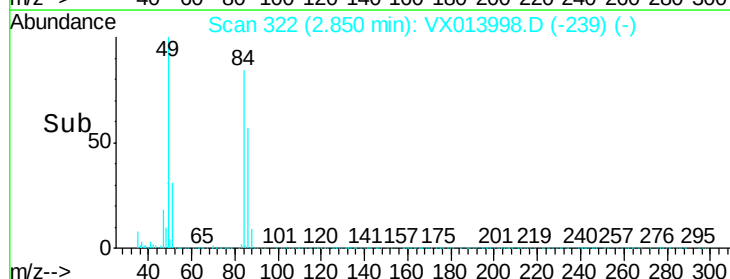
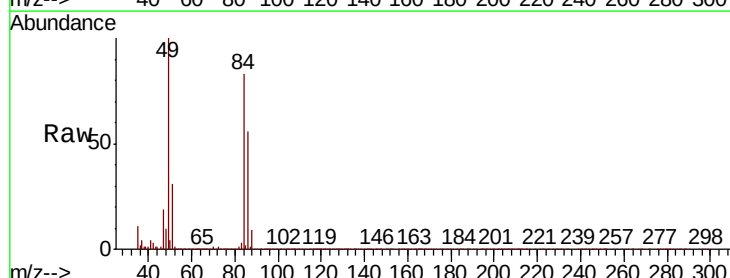
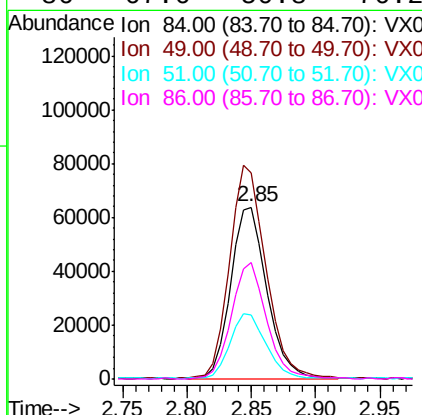
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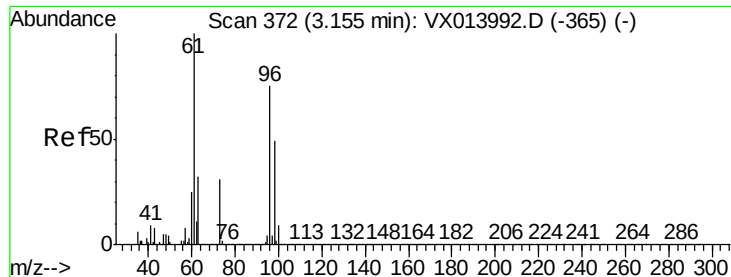
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#18
Methylene Chloride
Concen: 18.379 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.4	102.2	153.2
51	36.7	31.4	47.0
86	67.6	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 17.552 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Instrument :

MSVOA_X

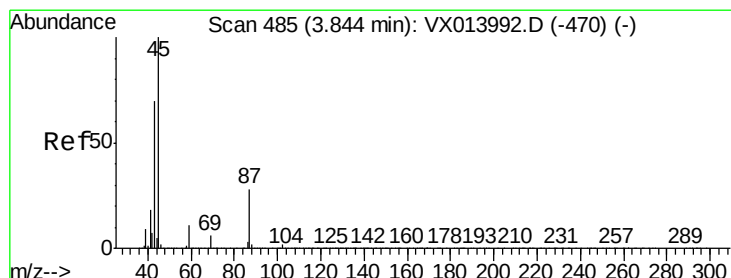
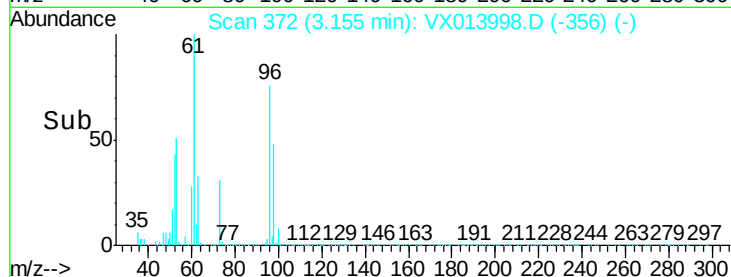
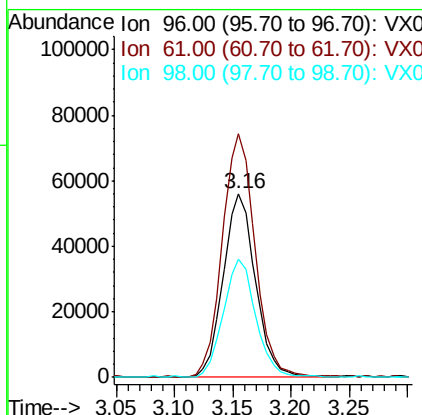
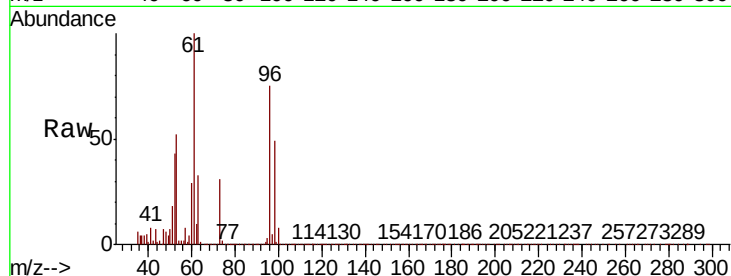
ClientSampleId :

VX1212WBS04

Tot Ion:	96	Resp:	106430
Ion Ratio	Lower	Upper	
96	100		
61	132.6	106.6	159.8
98	64.2	51.6	77.4

Manual Integrations
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#20

Diisopropyl ether

Concen: 18.164 ug/l

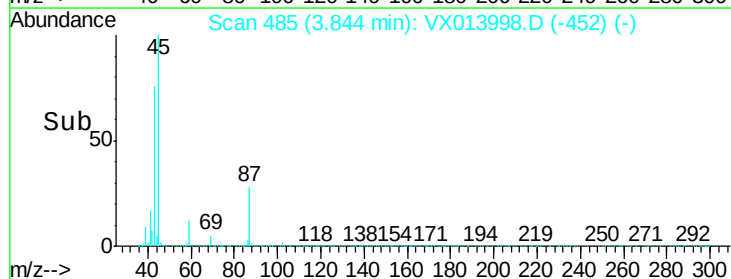
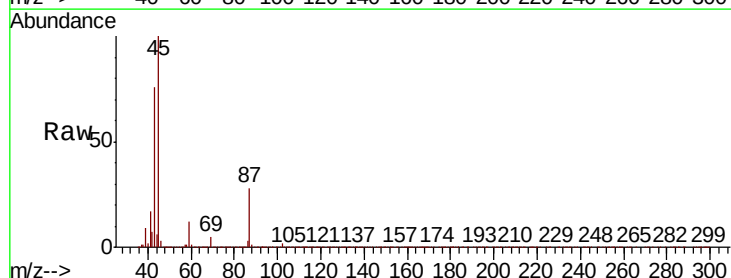
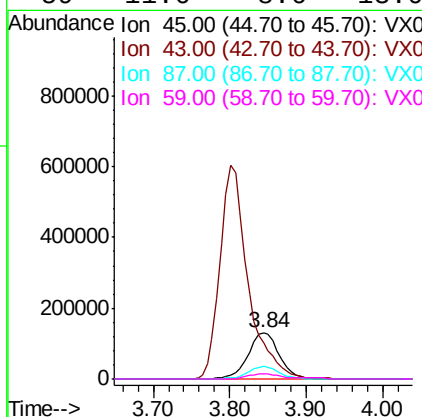
RT: 3.84 min Scan# 485

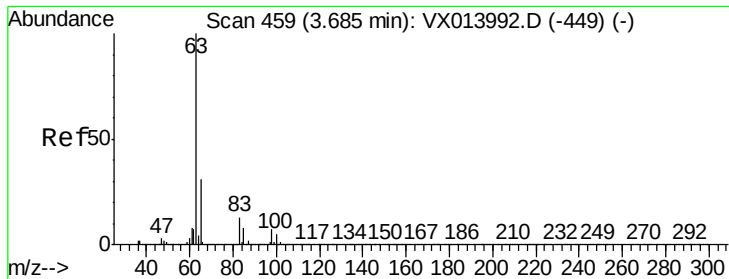
Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Tgt Ion:	45	Resp:	370839
Ion Ratio	Lower	Upper	
45	100		
43	75.5	55.9	83.9
87	28.0	22.2	33.2
59	11.6	8.6	13.0





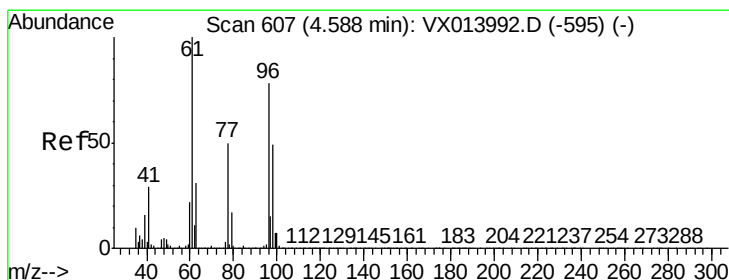
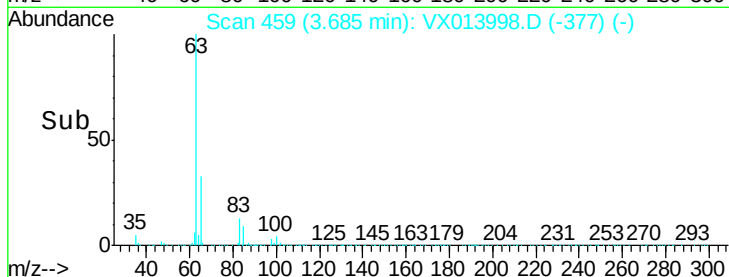
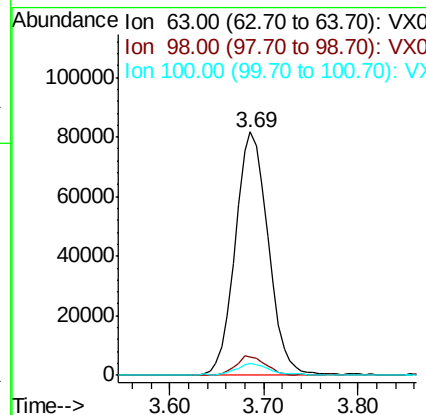
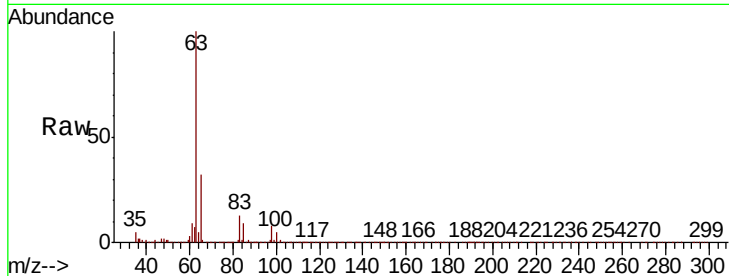
#21
1,1-Dichloroethane
Concen: 18.007 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS04

Tot Ion	Ratio	Resp	Lower	Upper
63	100	199531		
98	7.5	3.4	10.1	
100	4.5	2.5	7.4	

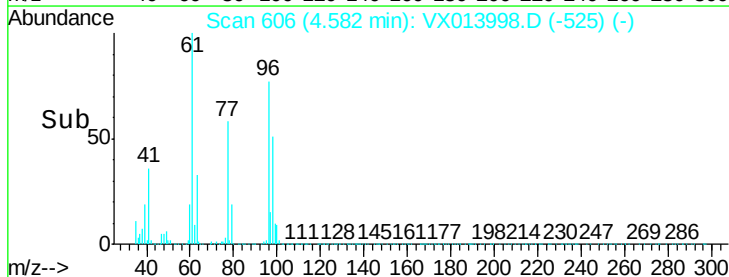
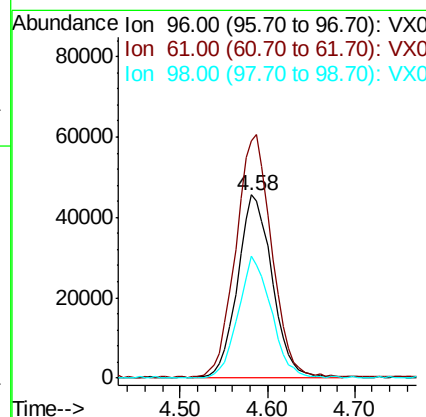
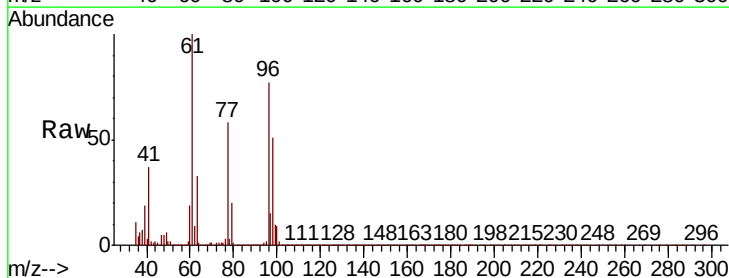
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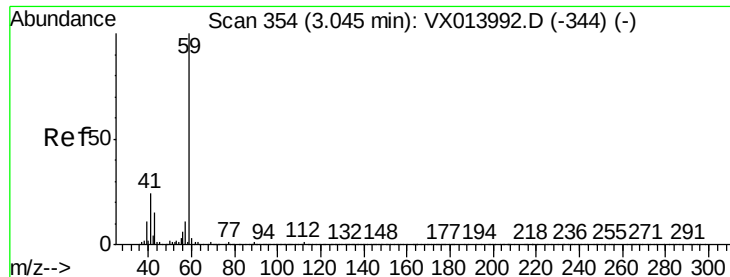
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#22
cis-1,2-Dichloroethene
Concen: 17.727 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	124607		
61	138.3	112.4	168.6	
98	63.4	50.3	75.5	





#23

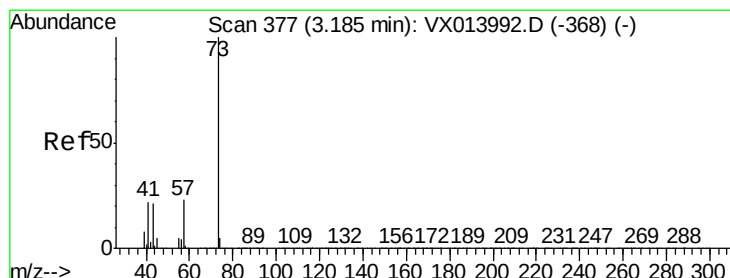
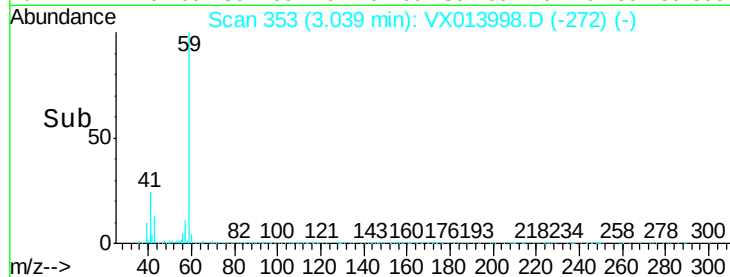
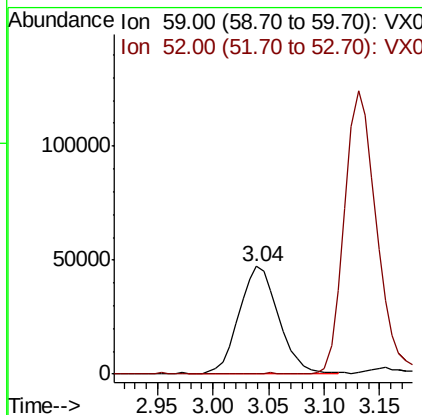
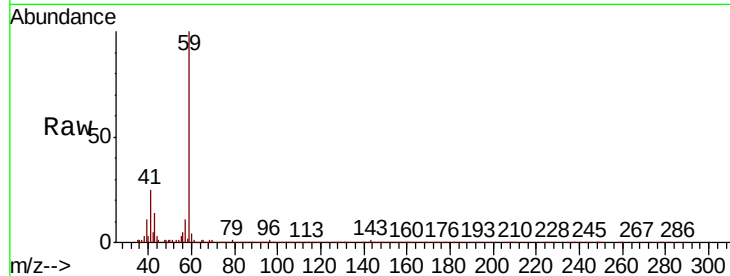
tert-Butyl Alcohol
Concen: 88.266 ug/l
RT: 3.04 min Scan# 353
Delta R.T. -0.01 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS04

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

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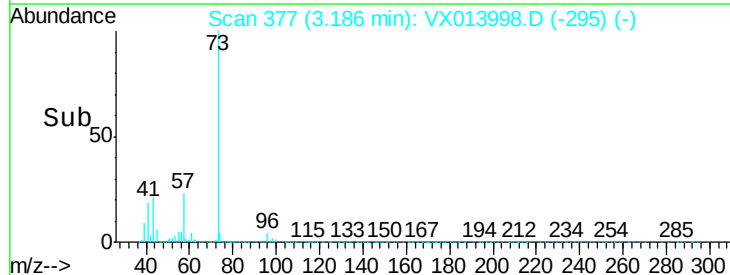
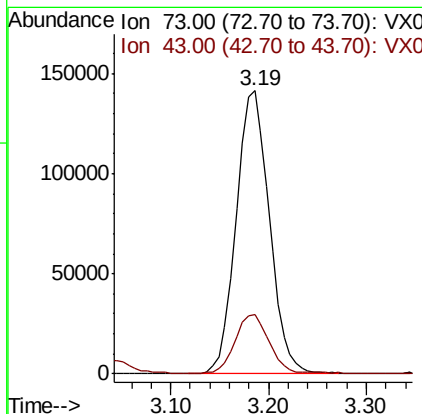
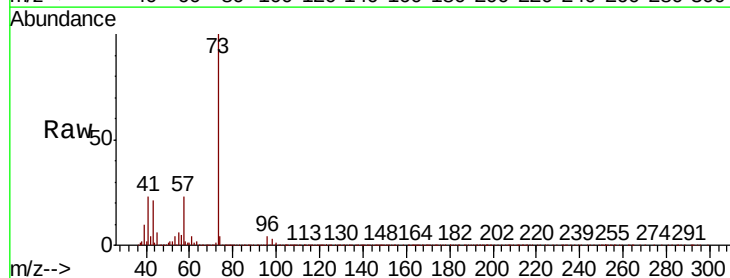
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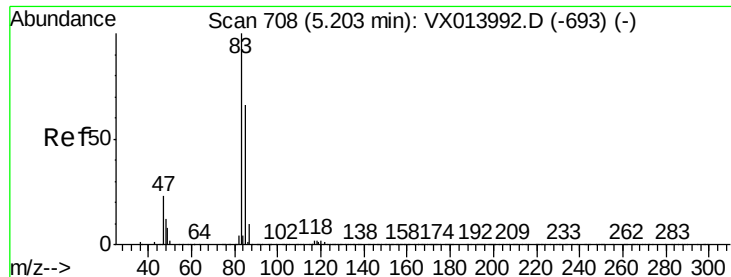


#24

Methyl tert-Butyl Ether
Concen: 17.884 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.5	16.6	25.0





#25

Chloroform

Concen: 18.389 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS04

Tot Ion: 83 Resp: 194265

Ion Ratio Lower Upper

83 100

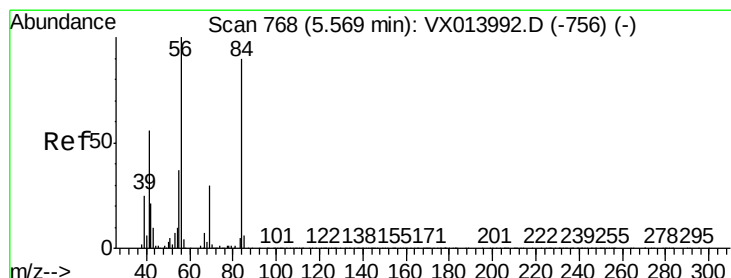
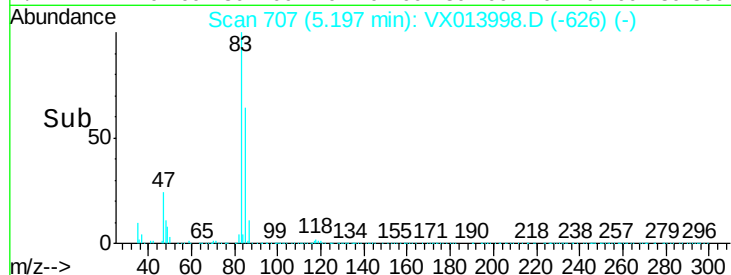
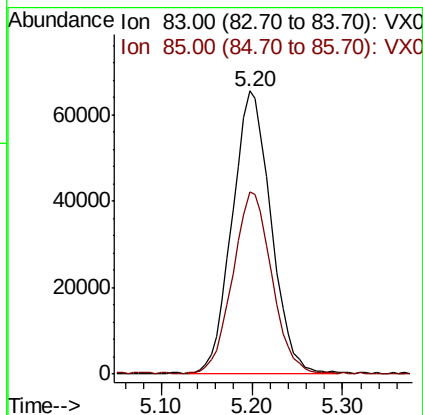
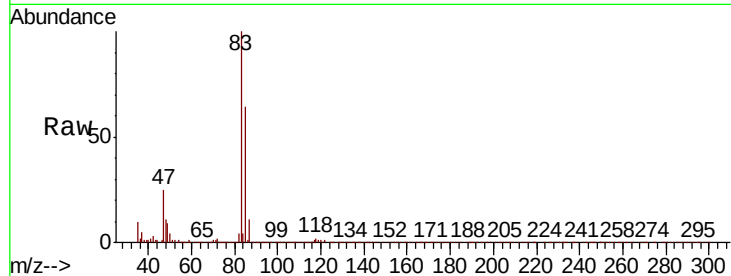
85 64.0 52.7 79.1

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#26

Cyclohexane

Concen: 17.417 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

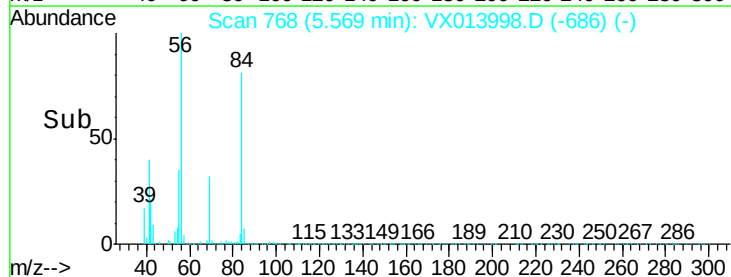
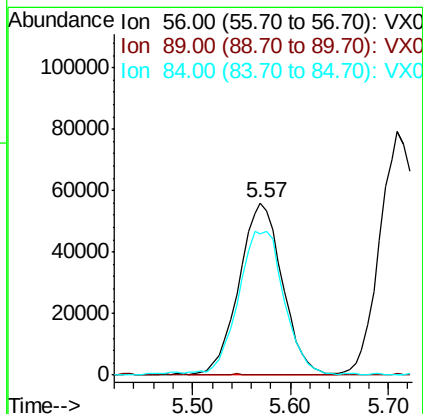
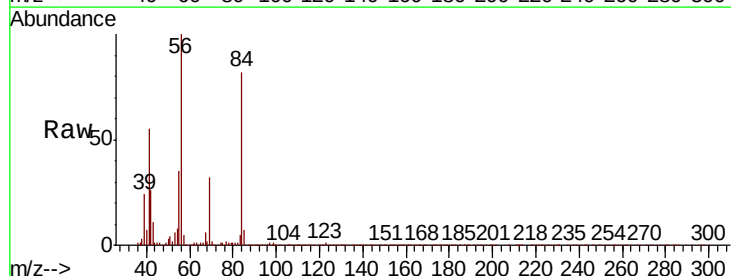
Tgt Ion: 56 Resp: 172086

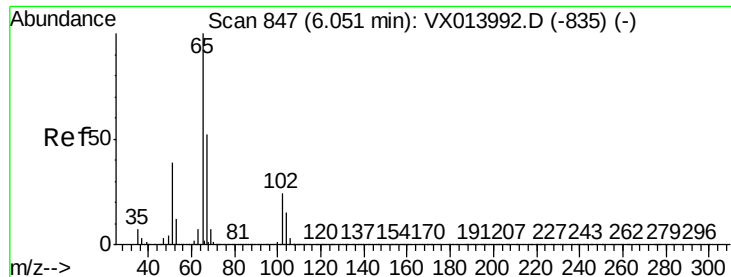
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 45.0 70.8 106.2#





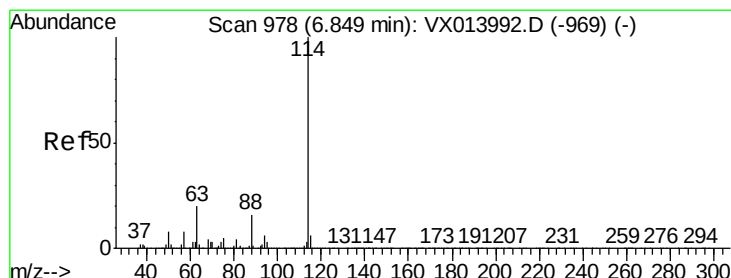
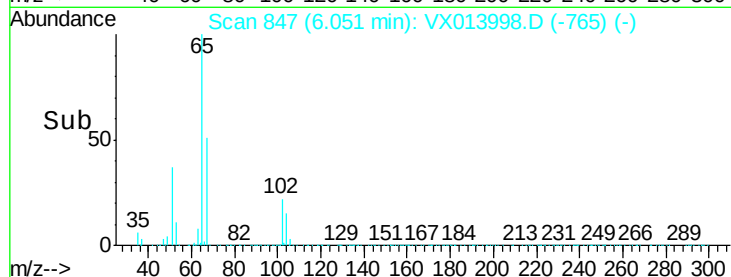
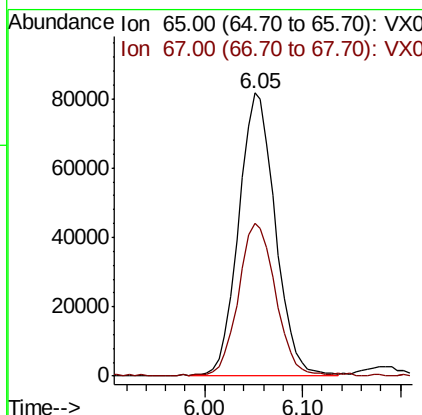
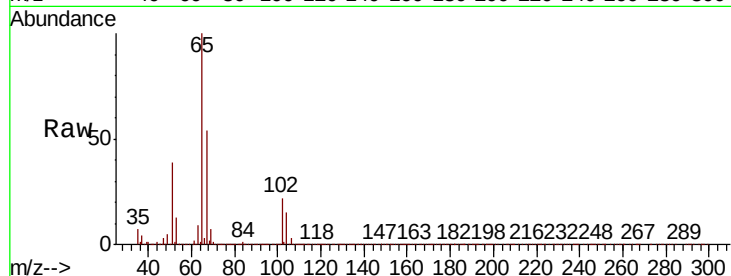
#27
1,2-Dichloroethane-d4
Concen: 29.645 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS04

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.1	43.1	64.7

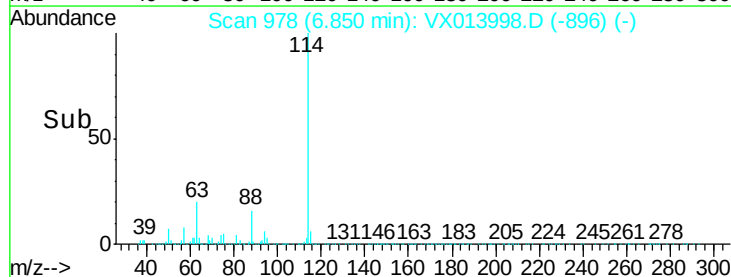
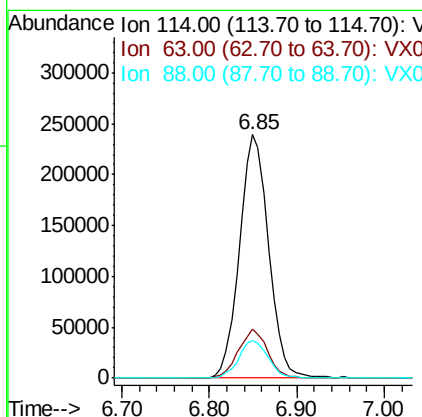
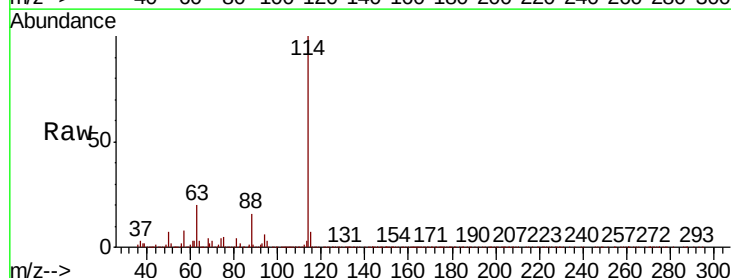
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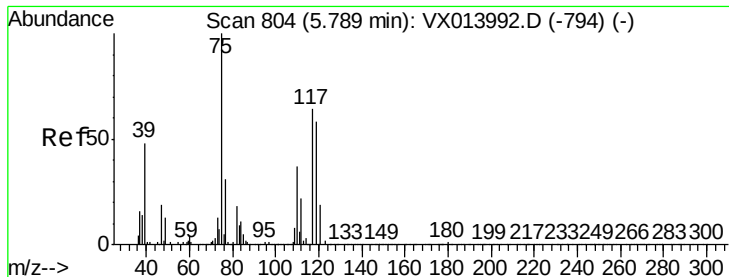
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#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	16.1	24.1
88	15.5	12.5	18.7





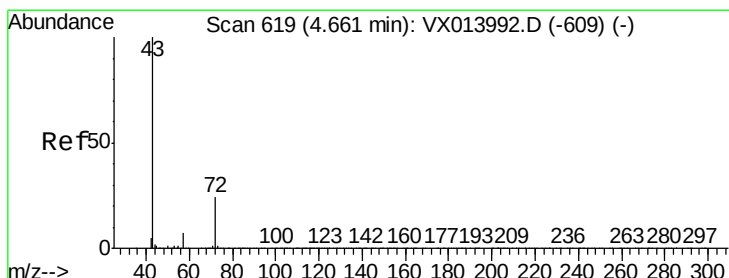
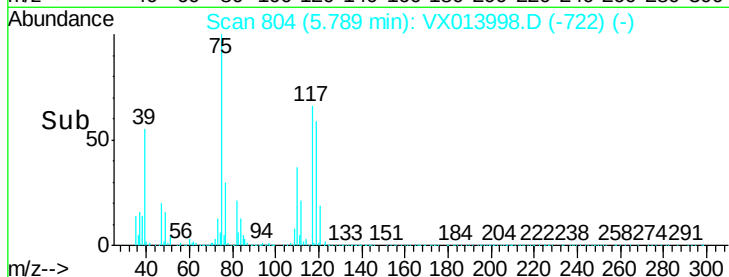
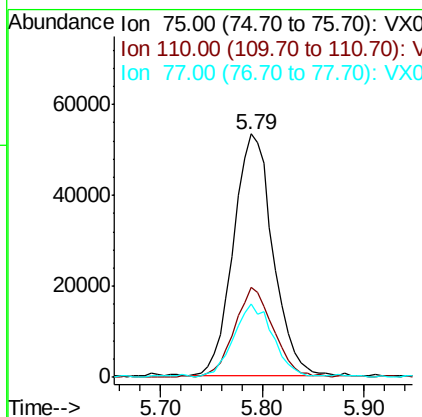
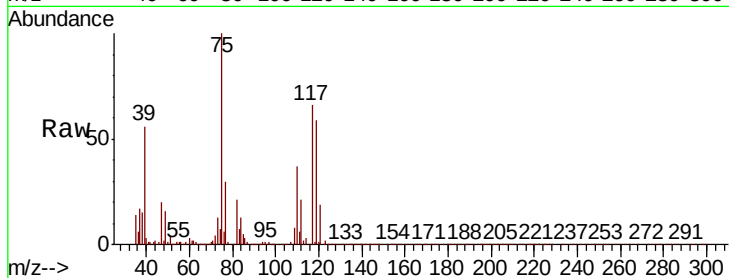
#29
 1,1-Dichloropropene
 Concen: 17.930 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013998.D
 Acq: 13 Dec 2019 02:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS04

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	36.1	0.0	73.8
77	29.5	0.0	62.4

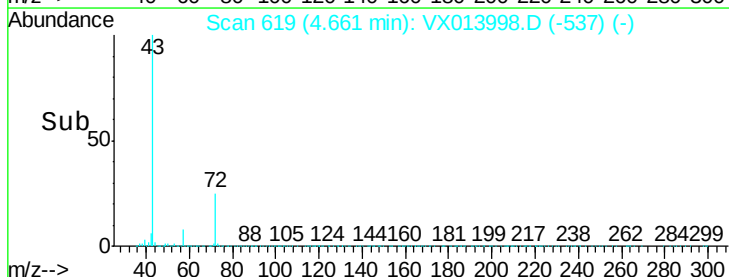
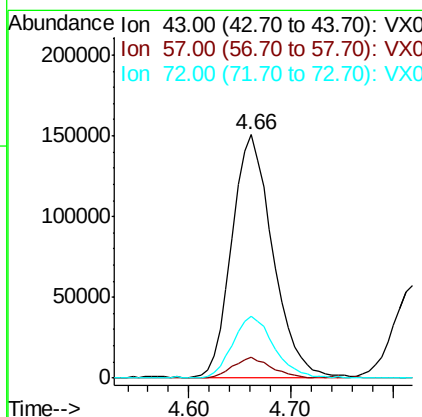
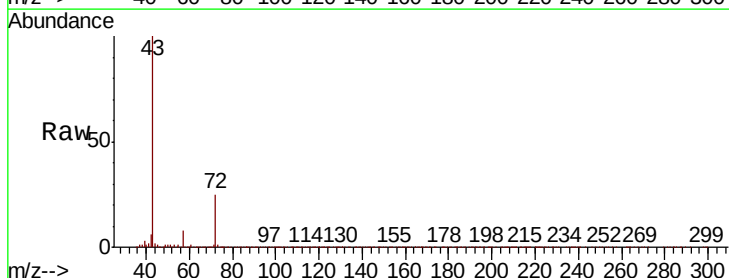
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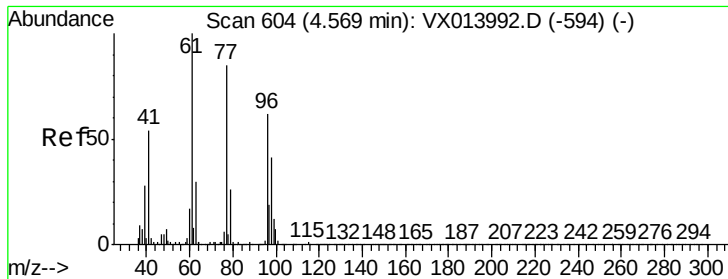
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#30
 2-Butanone
 Concen: 88.683 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: VX013998.D
 Acq: 13 Dec 2019 02:26

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.9	6.2	9.2
72	25.1	20.3	30.5





#31

2,2-Dichloropropane

Concen: 16.331 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS04

Tot Ion: 77 Resp: 120653

Ion Ratio Lower Upper

77 100

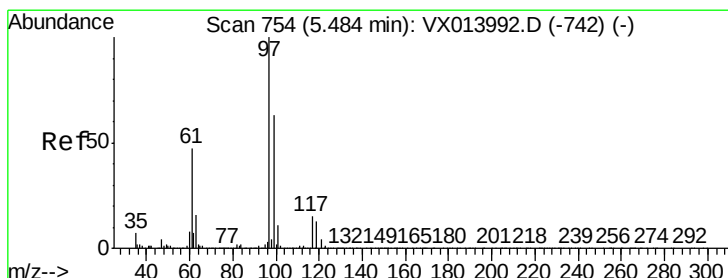
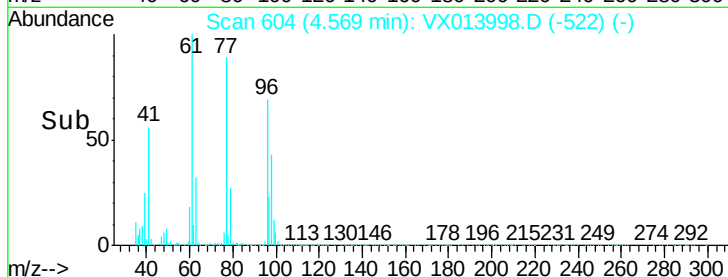
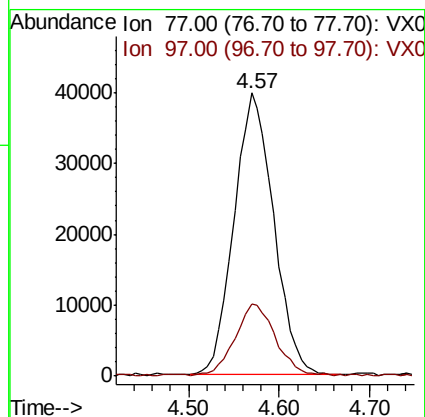
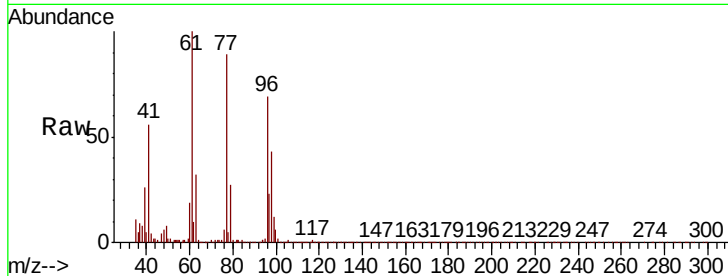
97 25.6 19.7 29.5

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#32

1,1,1-Trichloroethane

Concen: 17.550 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

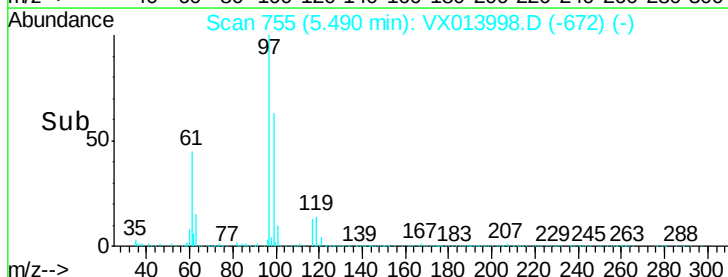
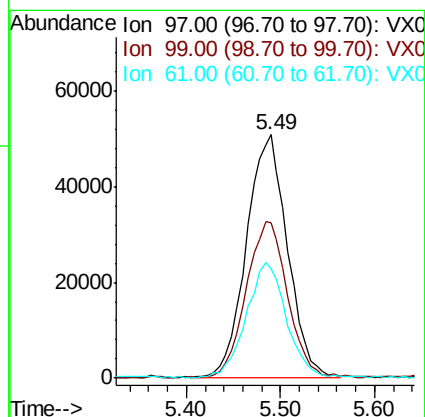
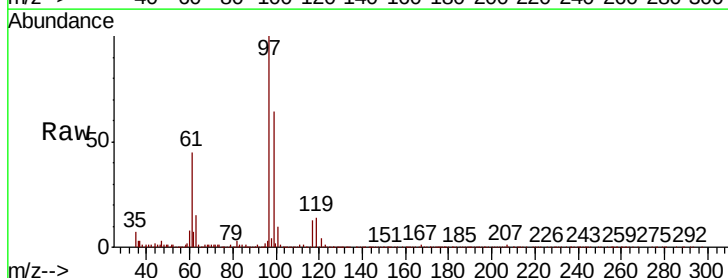
Tgt Ion: 97 Resp: 155033

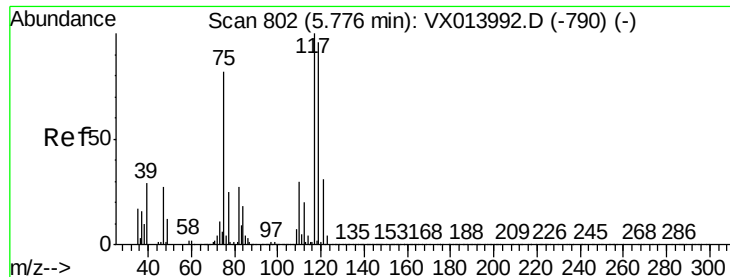
Ion Ratio Lower Upper

97 100

99 64.7 51.9 77.9

61 45.6 36.8 55.2





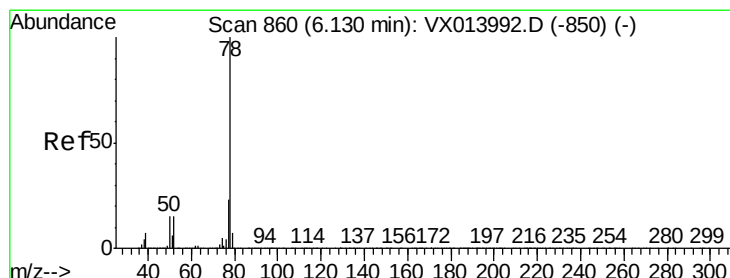
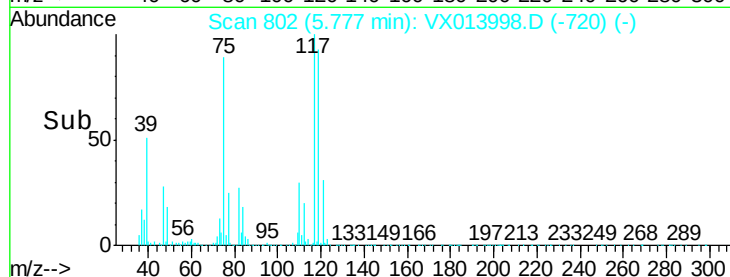
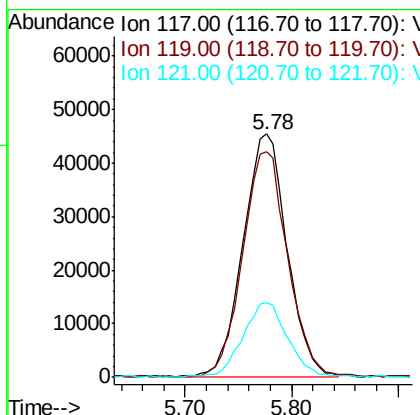
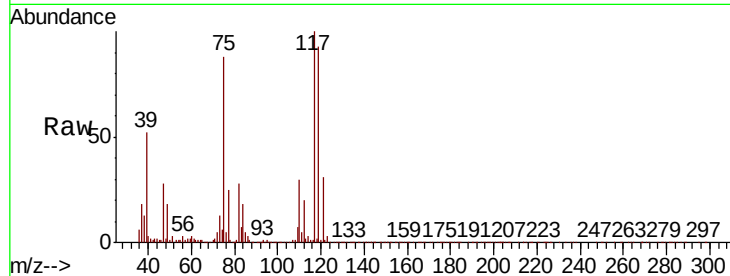
#33
Carbon Tetrachloride
Concen: 17.476 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS04

Tot Ion	Ratio	Lower	Upper
117	100		
119	92.7	77.2	115.8
121	30.0	24.8	37.2

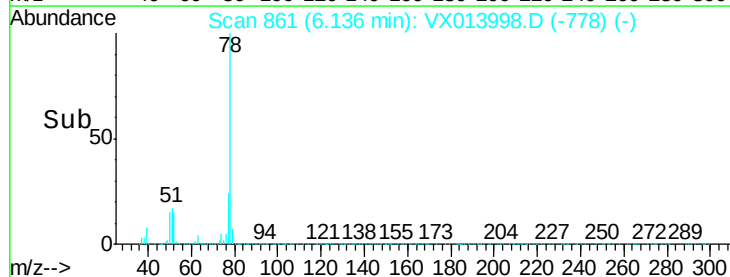
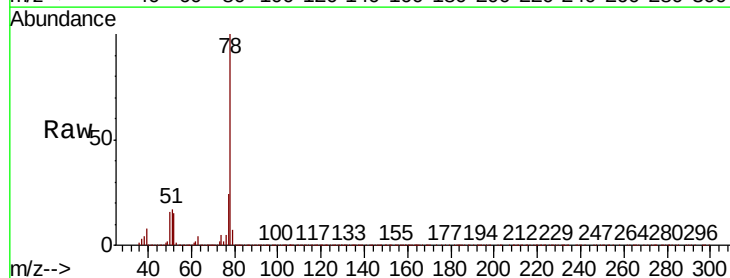
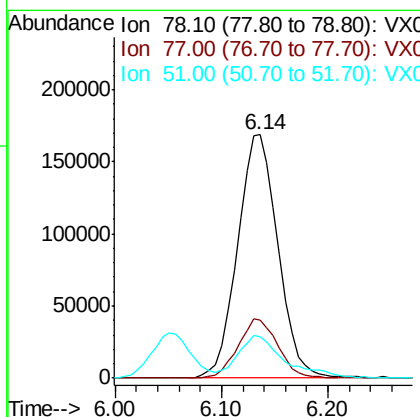
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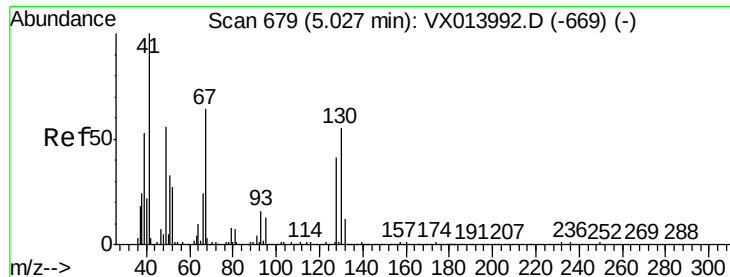
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#34
Benzene
Concen: 17.938 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.2	27.2
51	16.1	12.4	18.6





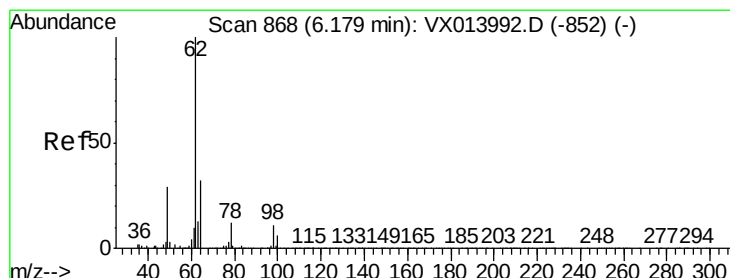
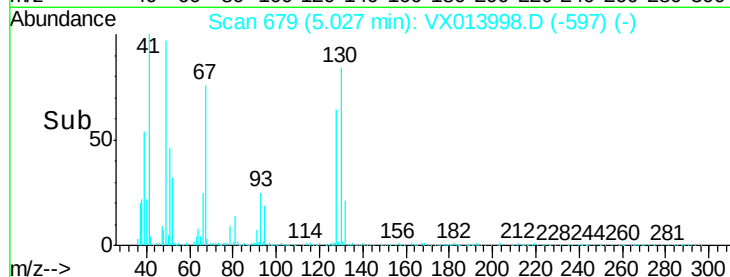
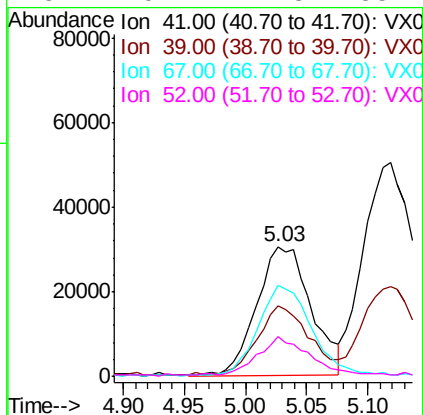
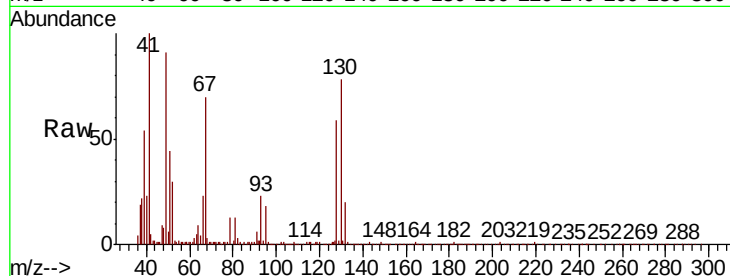
#35
Methacrylonitrile
Concen: 18.644 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS04

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.9	26.7	80.1
67	69.9	31.5	94.5
52	29.7	12.8	38.4

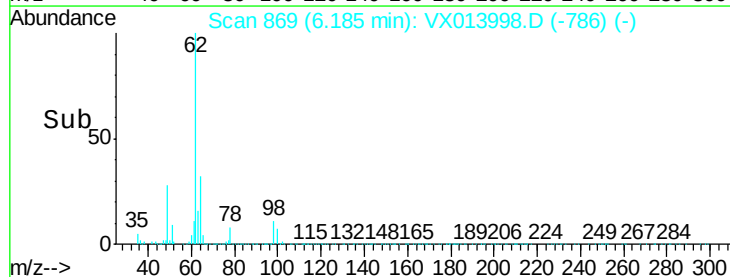
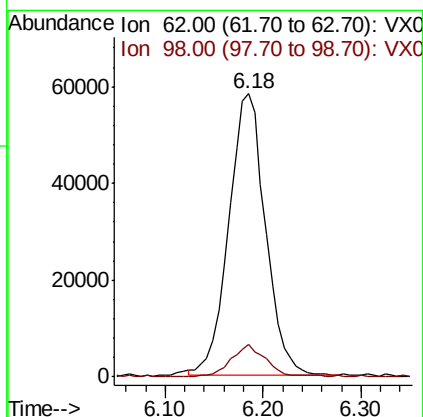
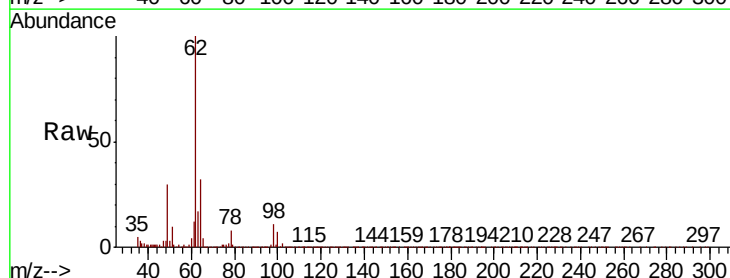
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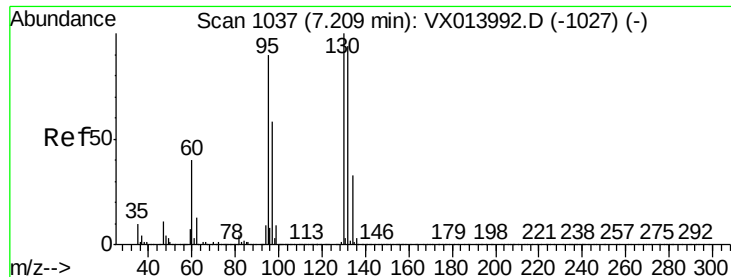
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#36
1,2-Dichloroethane
Concen: 17.514 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.6	8.4	12.6





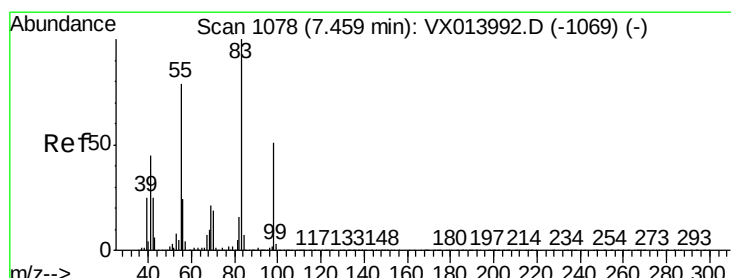
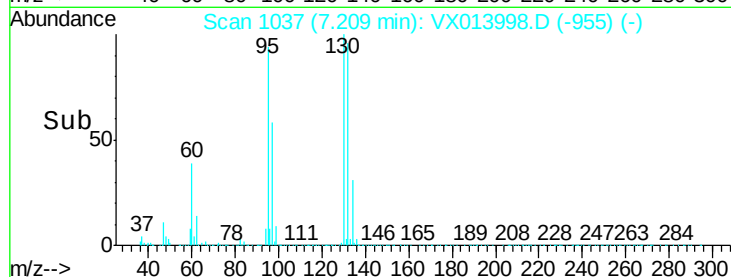
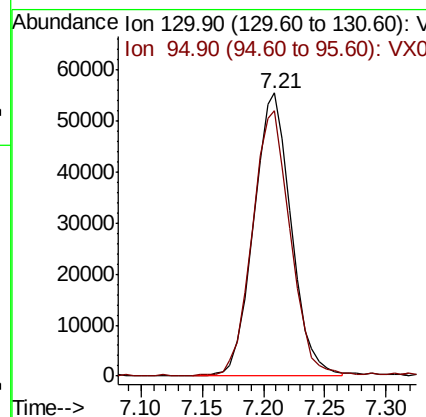
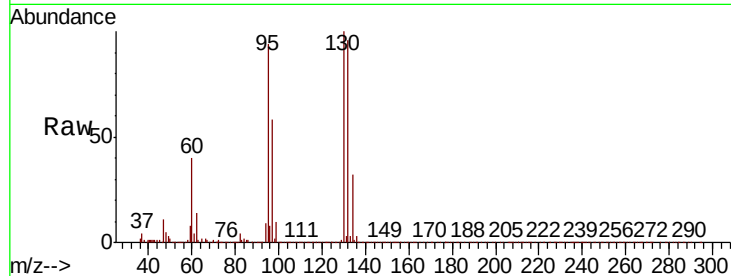
#37
 Trichloroethene
 Concen: 17.388 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX013998.D
 Acq: 13 Dec 2019 02:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS04

Tot Ion:130 Resp: 117830
 Ion Ratio Lower Upper
 130 100
 95 93.9 71.7 107.5

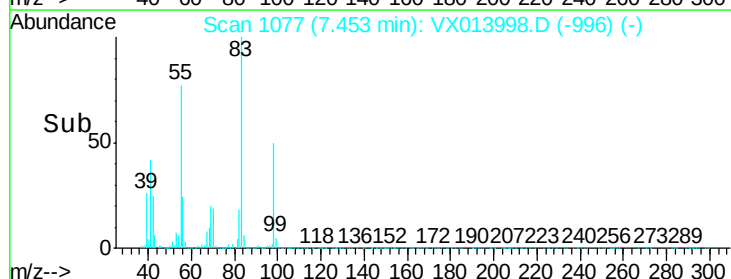
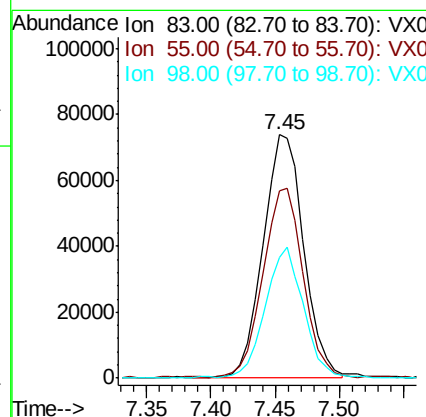
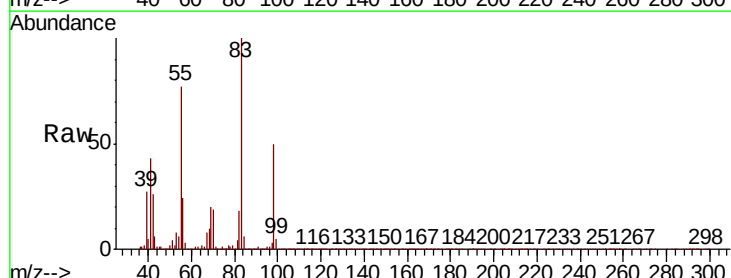
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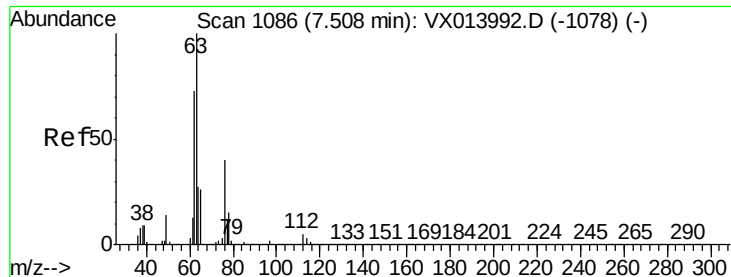
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#38
 Methylcyclohexane
 Concen: 16.858 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX013998.D
 Acq: 13 Dec 2019 02:26

Tgt Ion: 83 Resp: 160602
 Ion Ratio Lower Upper
 83 100
 55 77.4 39.4 118.1
 98 50.2 25.1 75.3





#39

1,2-Dichloropropane

Concen: 18.083 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS04

Tot Ion: 63 Resp: 116964

Ion Ratio Lower Upper

63 100

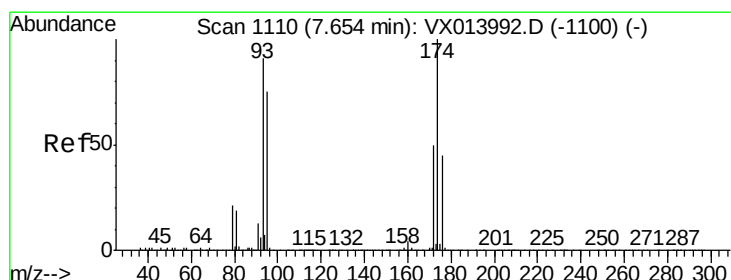
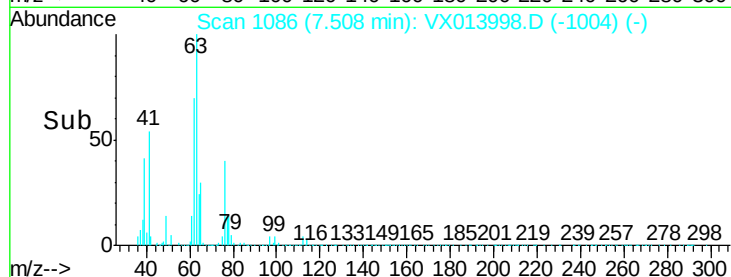
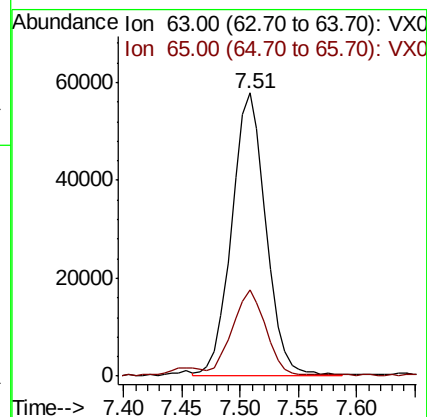
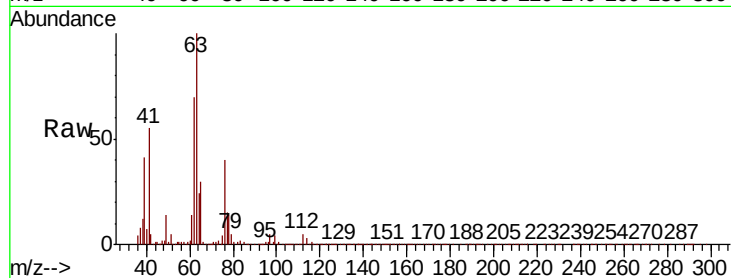
65 29.7 22.1 33.1

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#40

Dibromomethane

Concen: 18.299 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

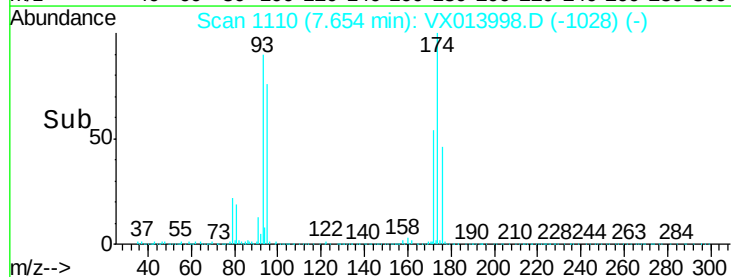
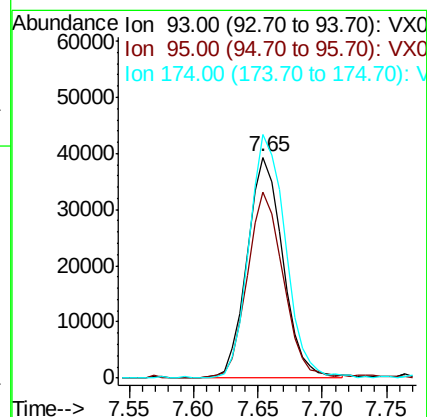
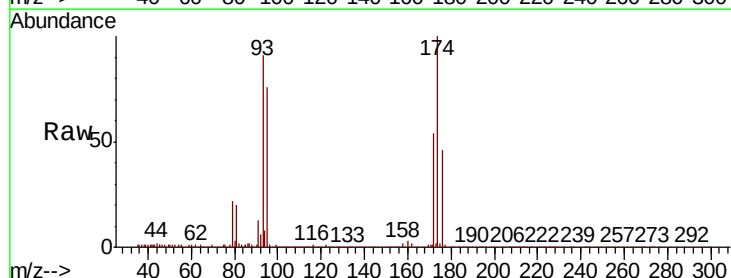
Tgt Ion: 93 Resp: 75613

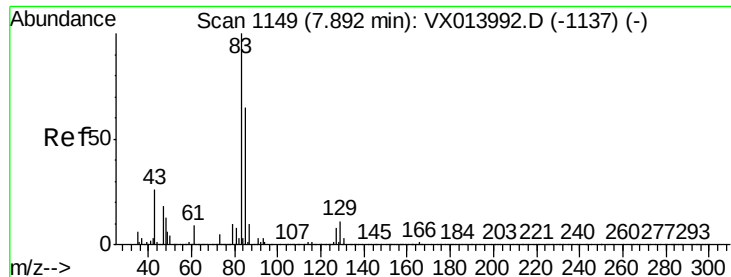
Ion Ratio Lower Upper

93 100

95 82.7 0.0 164.4

174 112.4 0.0 228.8





#41

Bromodichloromethane

Concen: 17.580 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Instrument :

MSVOA_X

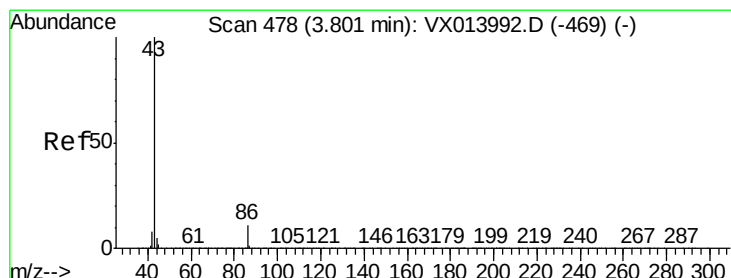
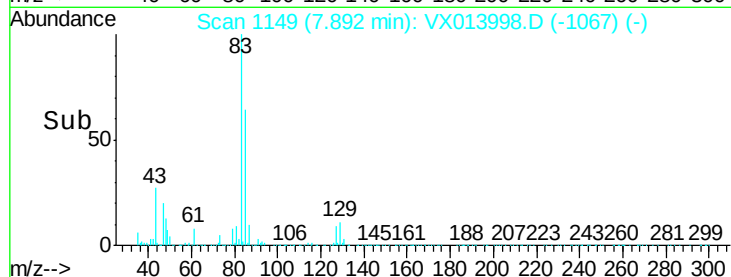
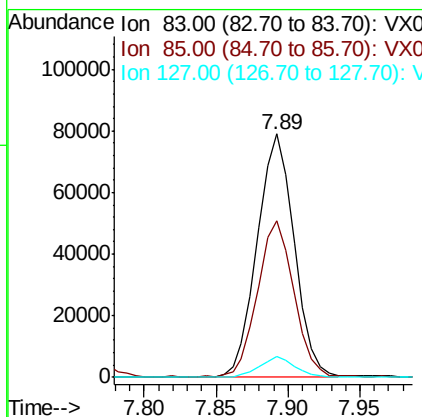
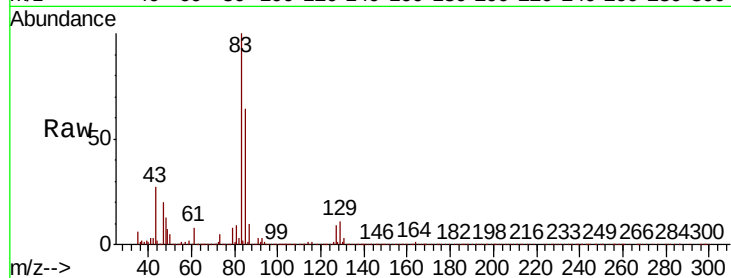
ClientSampleId :

VX1212WBS04

Tot Ion:	83	Resp:	140653
Ion Ratio	Lower	Upper	
83	100		
85	64.1	51.6	77.4
127	8.6	6.0	9.0

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#42

Vinyl Acetate

Concen: 92.563 ug/l

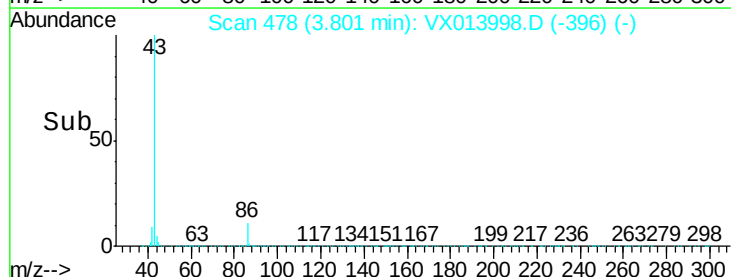
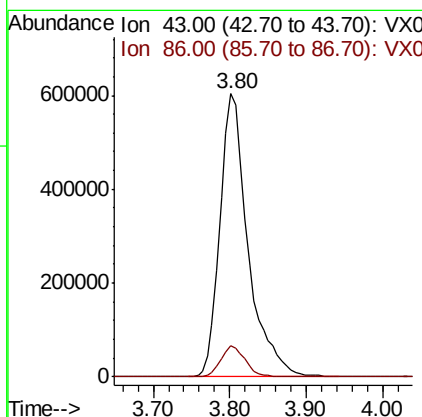
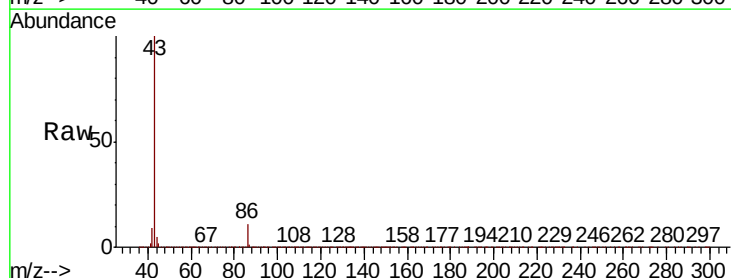
RT: 3.80 min Scan# 478

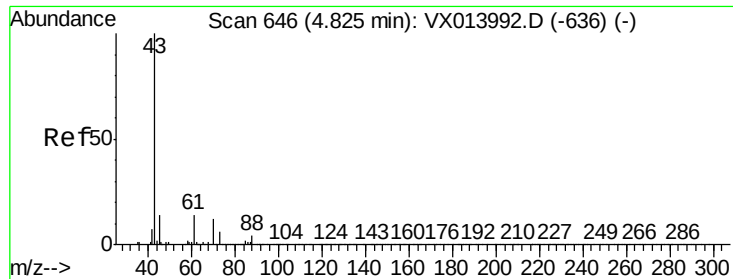
Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Tgt Ion:	43	Resp:	1538434
Ion Ratio	Lower	Upper	
43	100		
86	9.6	7.7	11.5





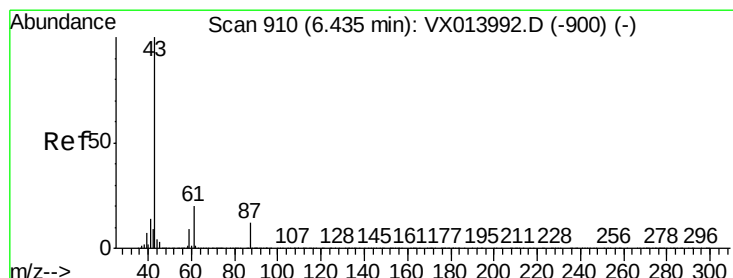
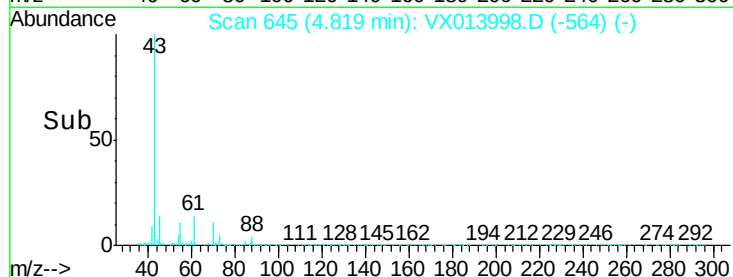
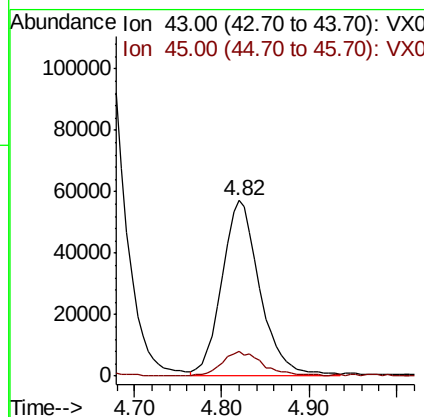
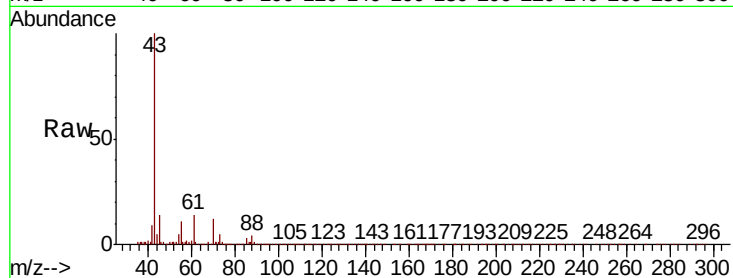
#43
Ethyl Acetate
Concen: 18.826 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Instrument :
MSVOA_X
ClientSampleID :
VX1212WBS04

Tot Ion: 43 Resp: 170059
Ion Ratio Lower Upper
43 100
45 14.0 11.8 17.8

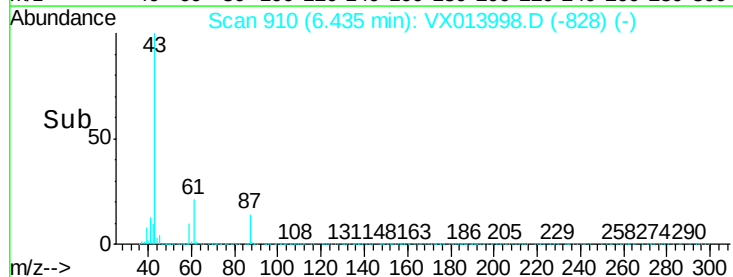
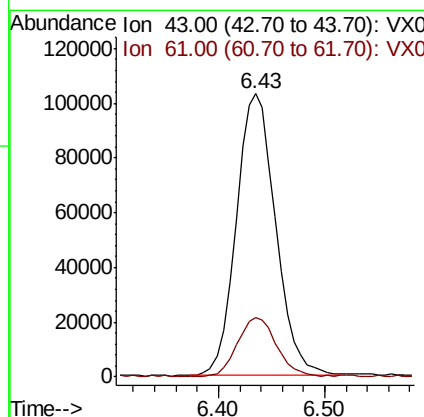
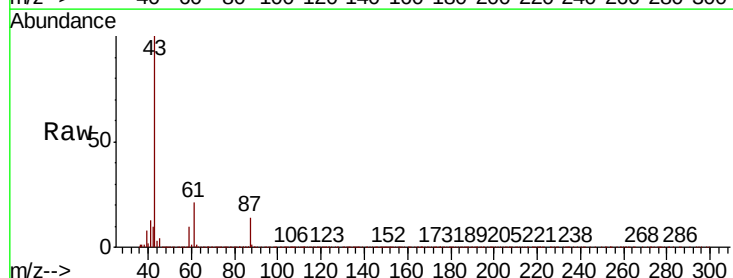
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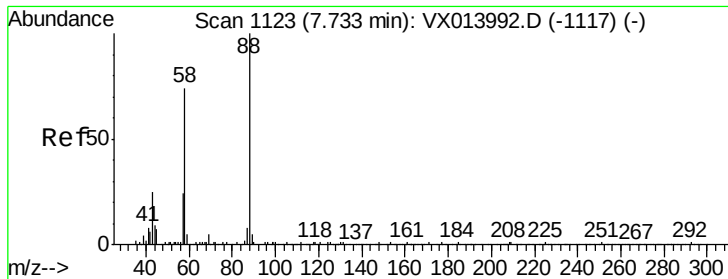
apatel
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#44
Isopropyl Acetate
Concen: 17.663 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Tgt Ion: 43 Resp: 267225
Ion Ratio Lower Upper
43 100
61 20.4 15.9 23.9





#45

1,4-Dioxane

Concen: 379.616 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Instrument :

MSVOA_X

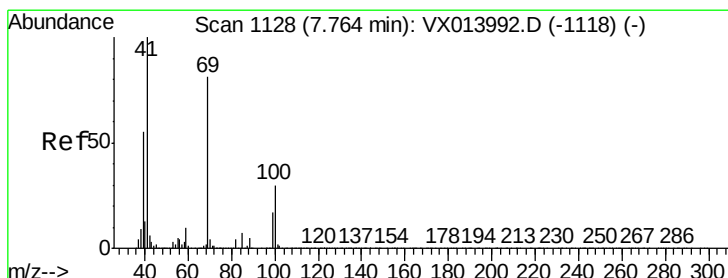
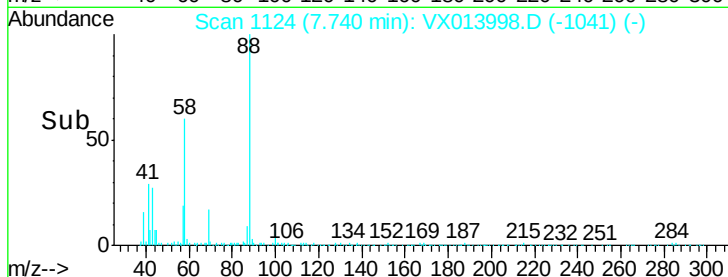
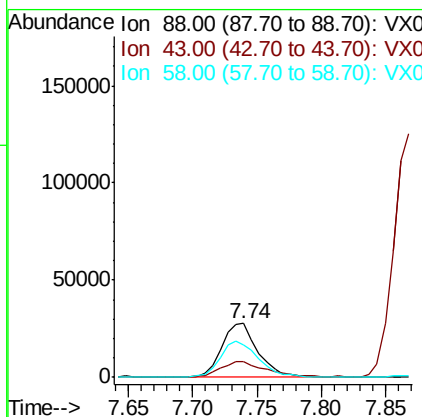
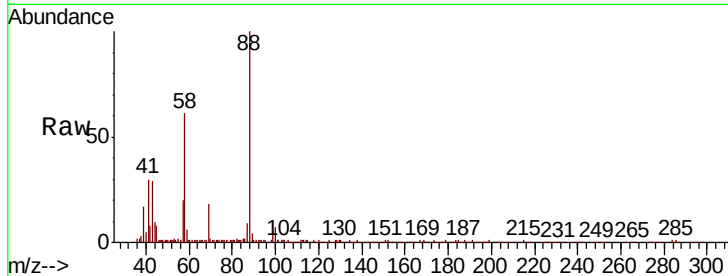
ClientSampleId :

VX1212WBS04

Tot Ion:	88	Resp:	53783
Ion	Ratio	Lower	Upper
88	100		
43	34.1	25.4	38.2
58	69.7	56.5	84.7

Manual Integrations
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#46

Methyl methacrylate

Concen: 17.578 ug/l

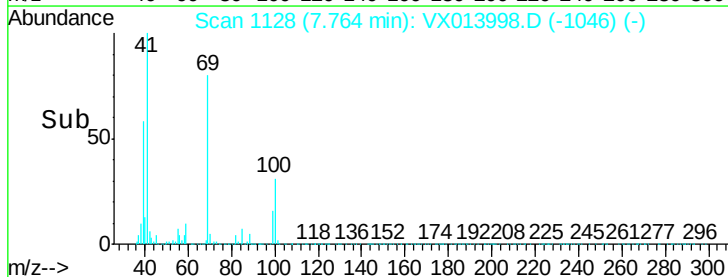
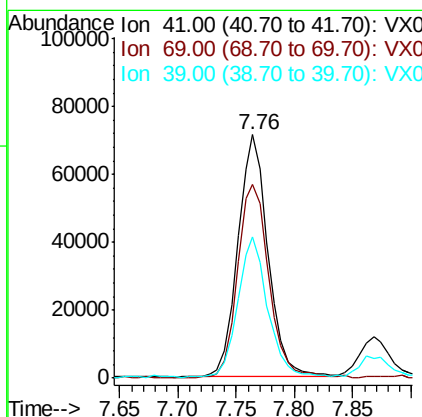
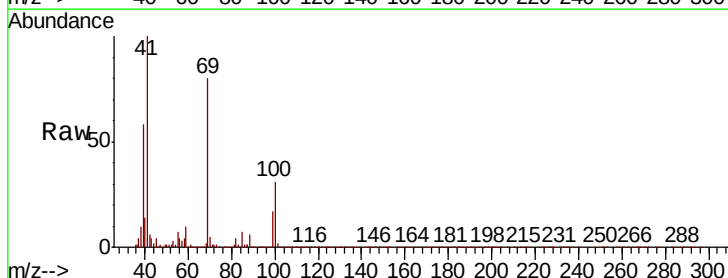
RT: 7.76 min Scan# 1128

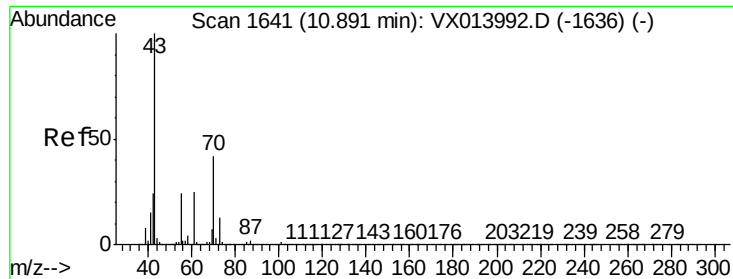
Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Tgt Ion:	41	Resp:	129174
Ion	Ratio	Lower	Upper
41	100		
69	80.0	40.6	122.0
39	57.9	27.8	83.3





#47

n-amvl Acetate

Concen: 16.763 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS04

Tot Ion: 43 Resp: 225501

Ion Ratio Lower Upper

43 100

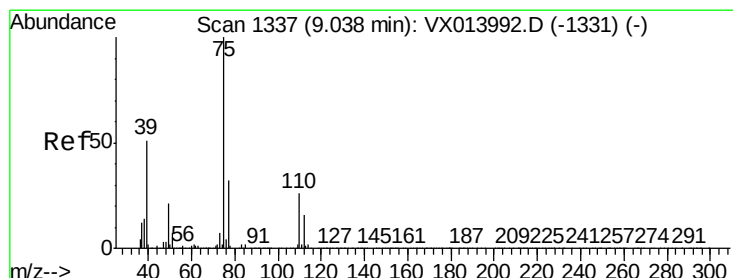
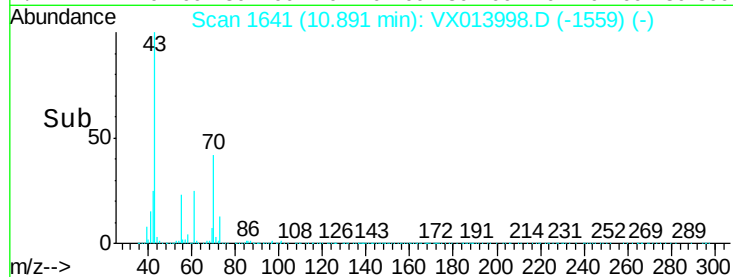
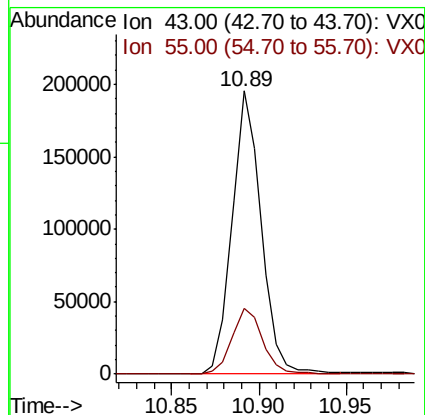
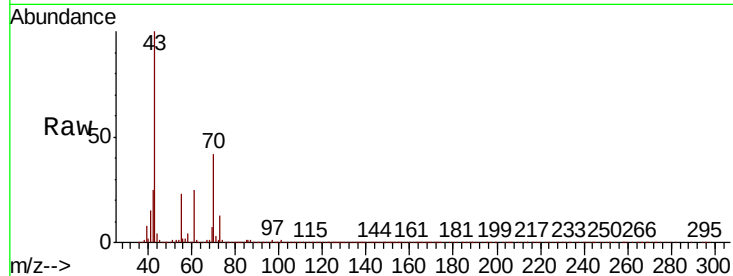
55 24.2 19.4 29.2

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#48

t-1,3-Dichloropropene

Concen: 16.970 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013998.D

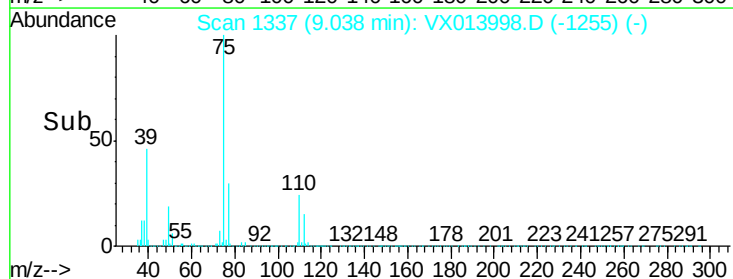
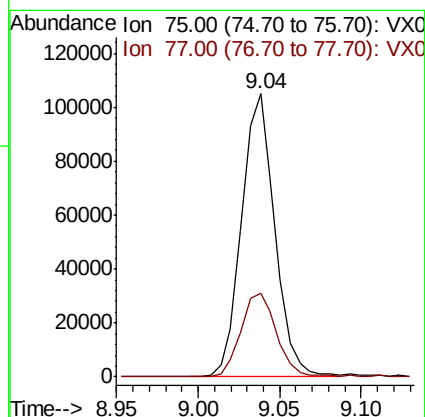
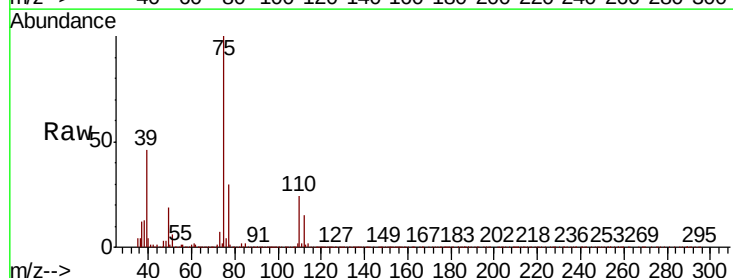
Acq: 13 Dec 2019 02:26

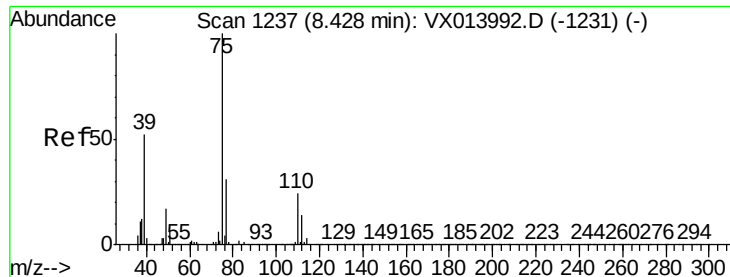
Tgt Ion: 75 Resp: 148185

Ion Ratio Lower Upper

75 100

77 29.6 26.0 39.0





#49

cis-1,3-Dichloropropene

Concen: 17.175 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Instrument :

MSVOA_X

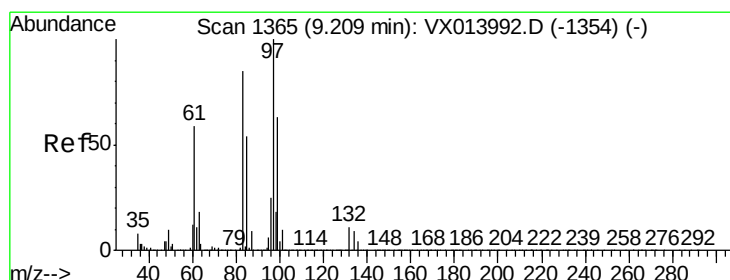
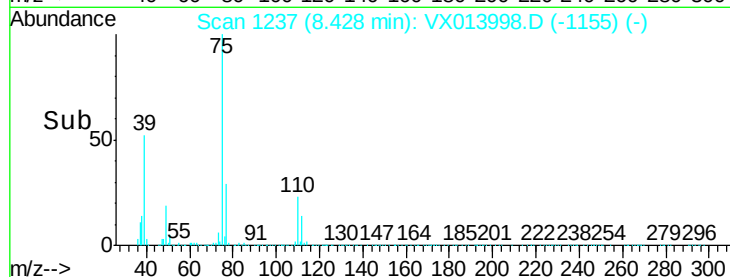
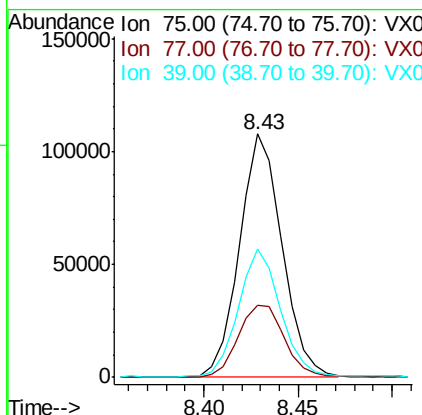
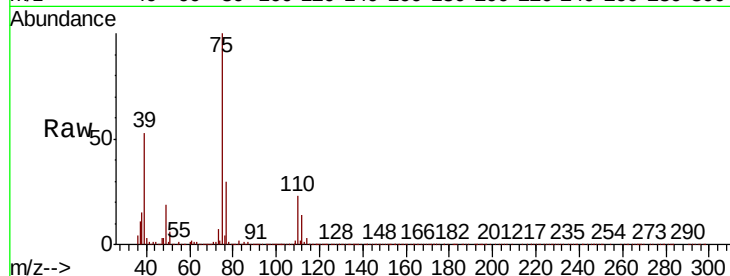
ClientSampleId :

VX1212WBS04

Tot Ion:	75	Resp:	168666
Ion Ratio	Lower	Upper	
75	100		
77	29.4	24.8	37.2
39	52.3	41.1	61.7

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 18.077 ug/l

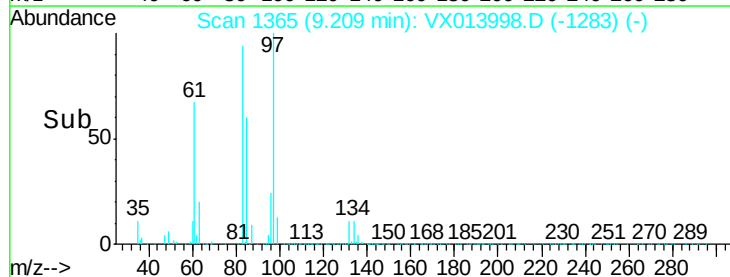
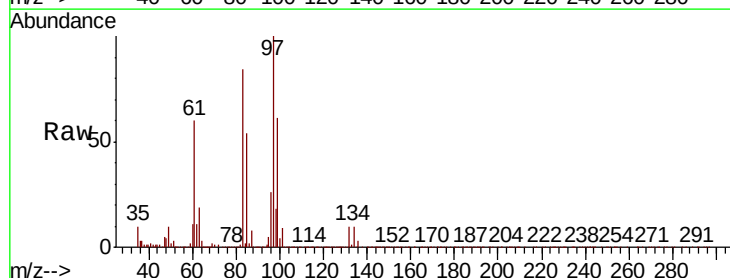
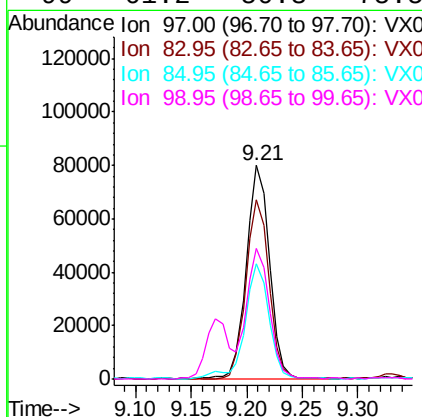
RT: 9.21 min Scan# 1365

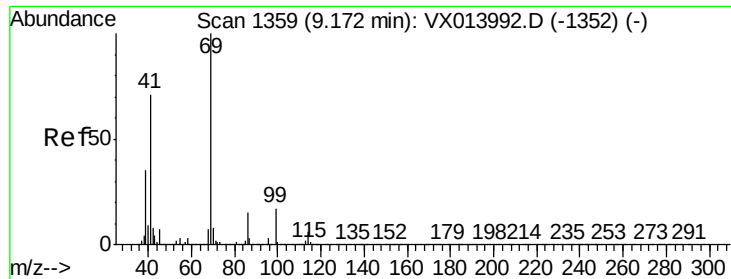
Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Tgt Ion:	97	Resp:	115273
Ion Ratio	Lower	Upper	
97	100		
83	84.2	68.1	102.1
85	53.9	42.7	64.1
99	61.2	50.3	75.5





#51

Ethyl methacrylate

Concen: 17.482 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Instrument :

MSVOA_X

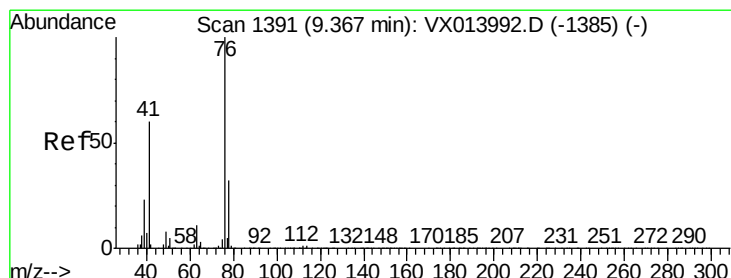
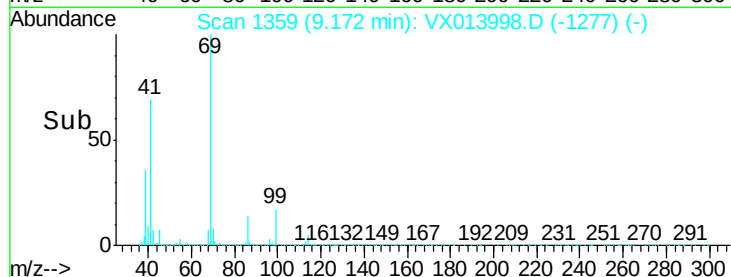
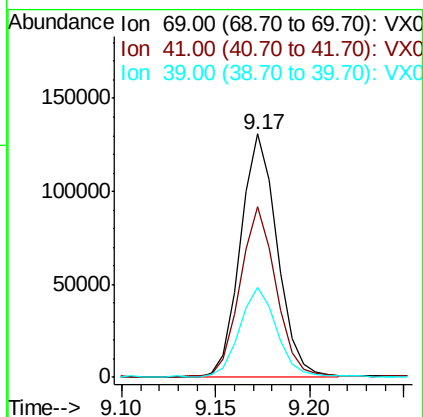
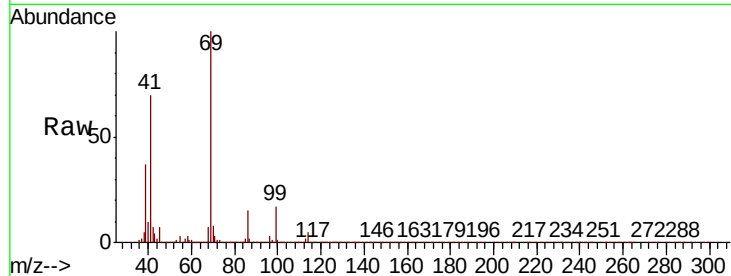
ClientSampleId :

VX1212WBS04

Tot Ion:	69	Resp:	177328
Ion Ratio	Lower	Upper	
69	100		
41	69.4	35.4	106.1
39	36.5	17.8	53.3

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#52

1,3-Dichloropropane

Concen: 18.281 ug/l

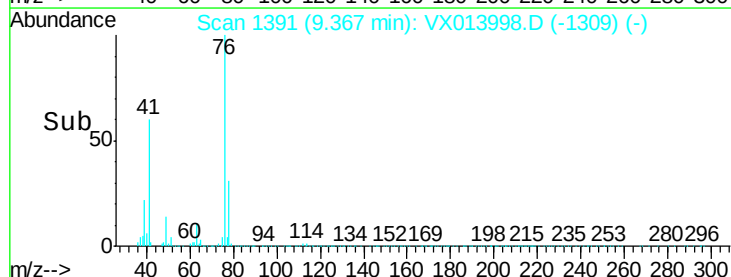
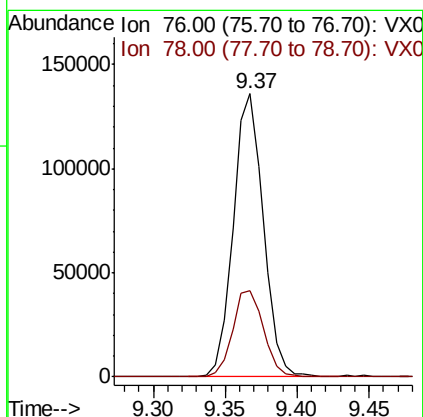
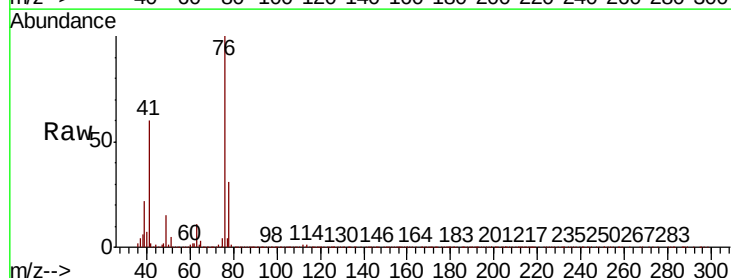
RT: 9.37 min Scan# 1391

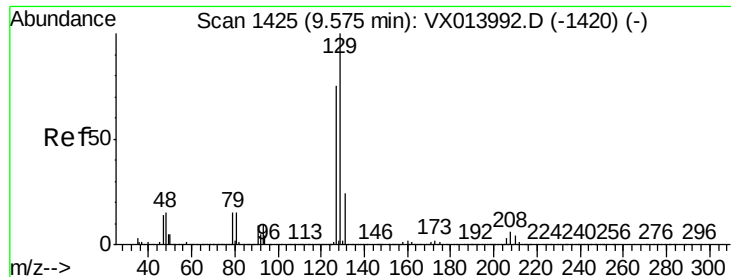
Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Tgt Ion:	76	Resp:	198059
Ion Ratio	Lower	Upper	
76	100		
78	31.3	0.0	63.4





#53

Dibromochloromethane

Concen: 17.241 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS04

Tot Ion:129 Resp: 109939

Ion Ratio Lower Upper

129 100

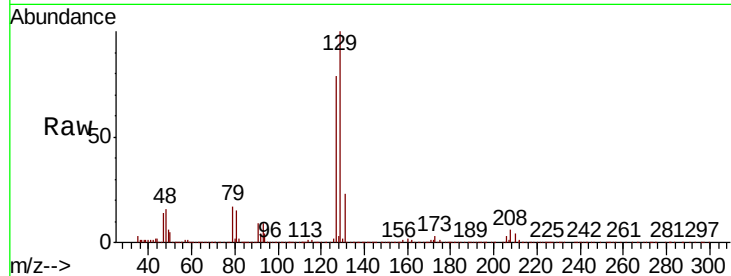
127 78.6 39.1 117.5

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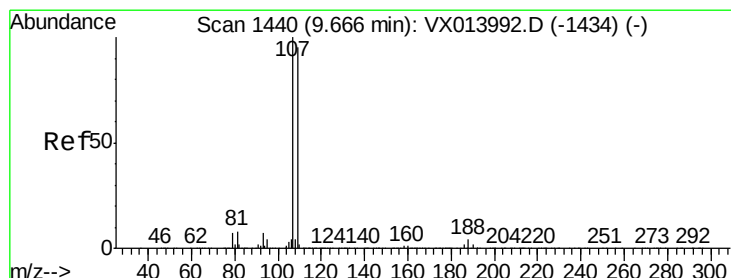
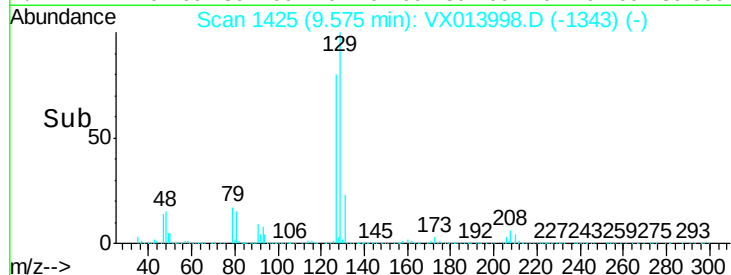
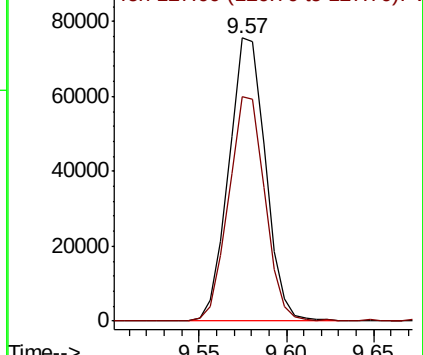
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.292 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013998.D

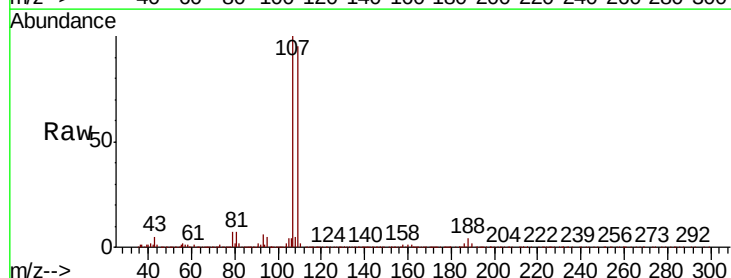
Acq: 13 Dec 2019 02:26

Tgt Ion:107 Resp: 120099

Ion Ratio Lower Upper

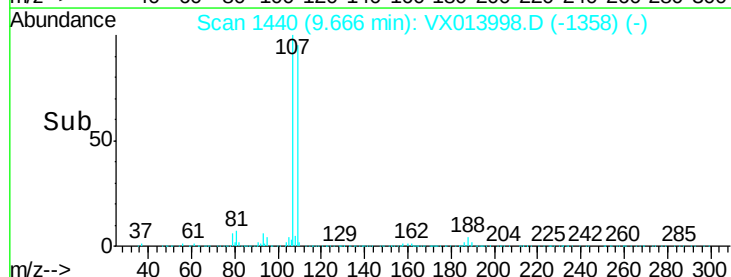
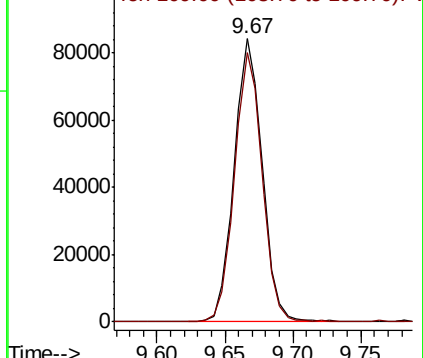
107 100

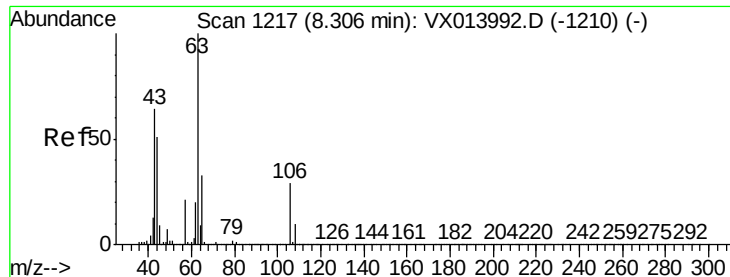
109 94.3 77.2 115.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 88.176 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS04

Tot Ion: 63 Resp: 394267

Ion Ratio Lower Upper

63 100

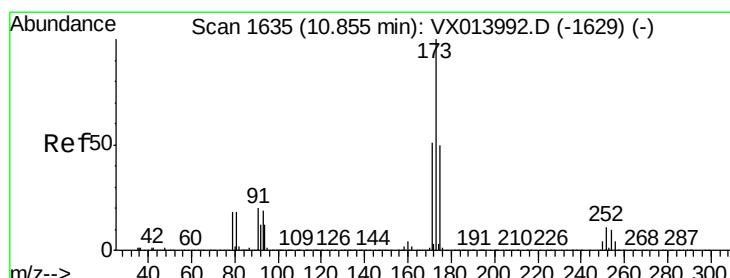
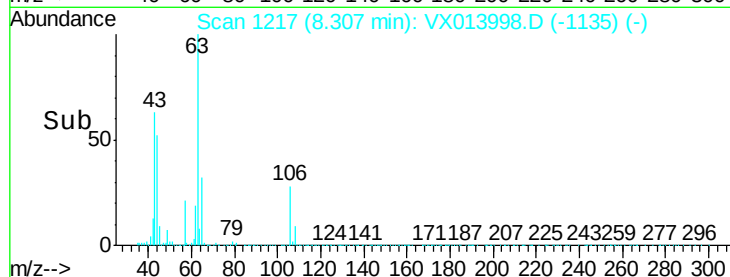
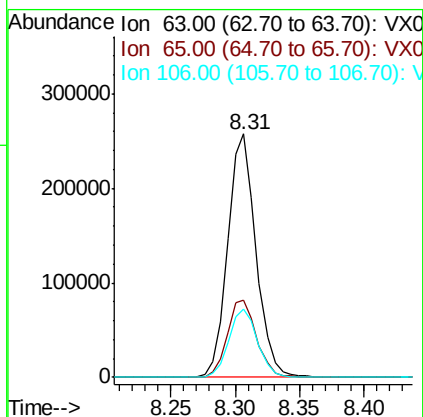
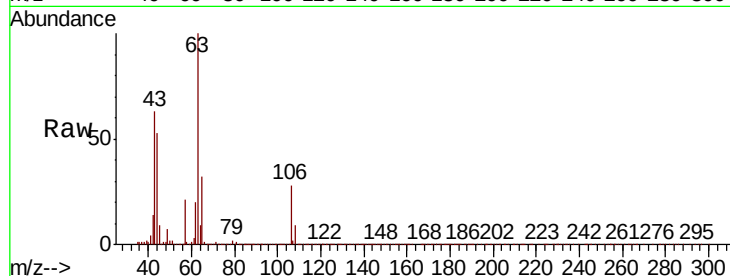
65 32.2 25.8 38.6

106 28.5 22.9 34.3

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#56

Bromoform

Concen: 15.966 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

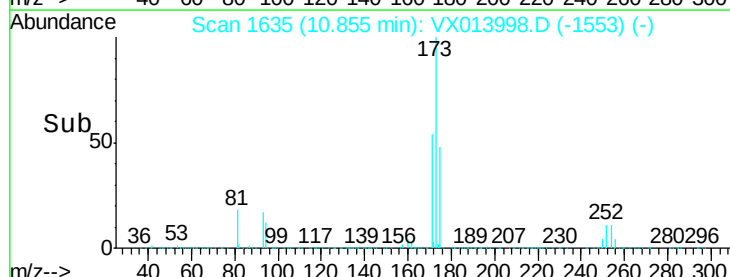
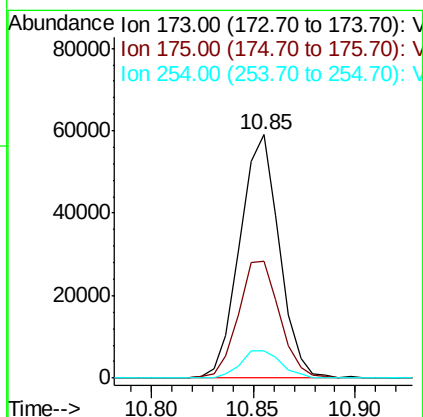
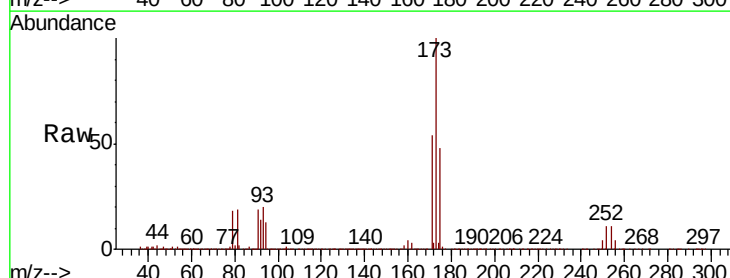
Tgt Ion: 173 Resp: 79392

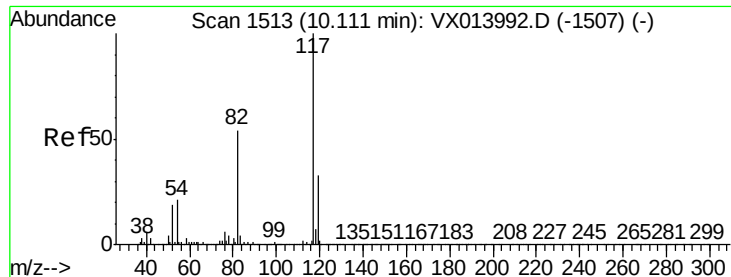
Ion Ratio Lower Upper

173 100

175 50.2 39.5 59.3

254 11.6 8.2 12.4





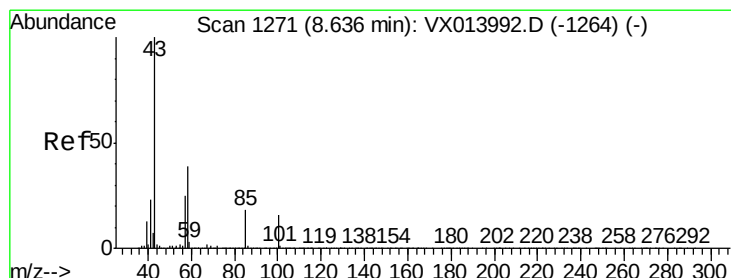
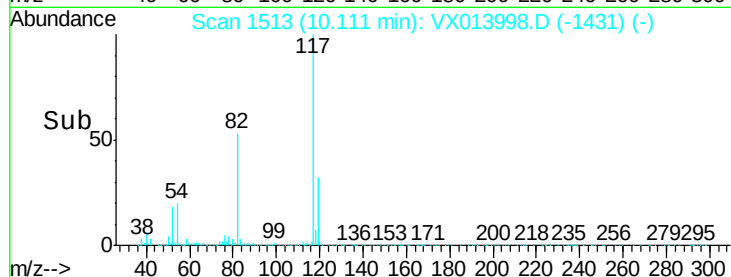
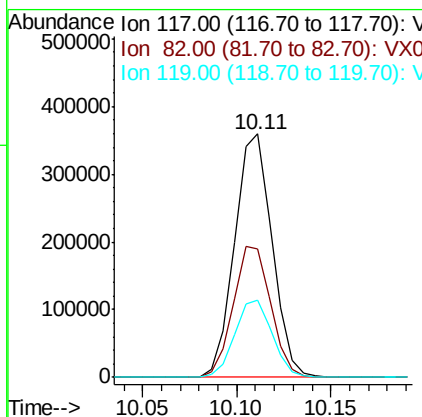
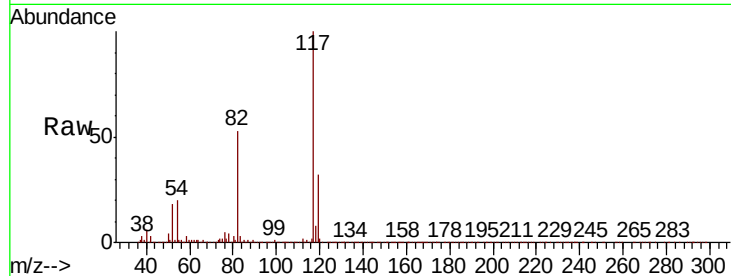
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS04

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.8	65.6
119	31.7	25.8	38.6

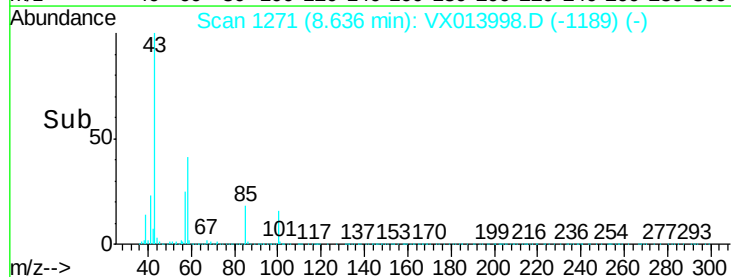
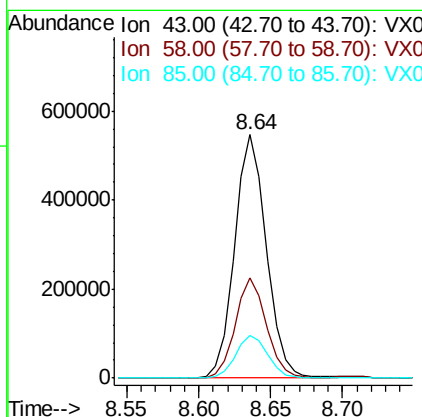
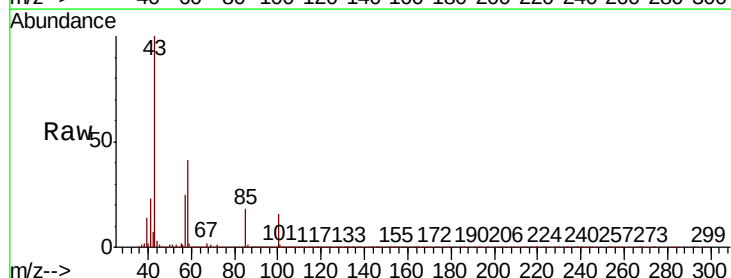
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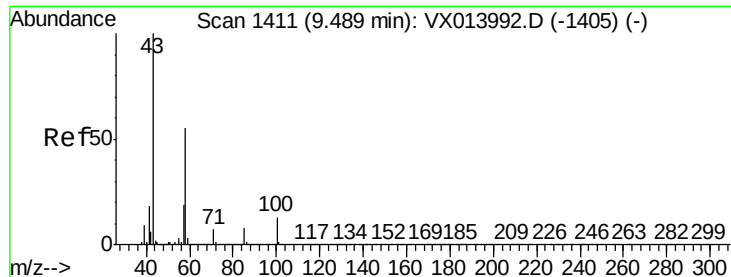
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#58
4-Methyl-2-Pentanone
Concen: 90.271 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.1	31.2	46.8
85	17.8	14.2	21.2





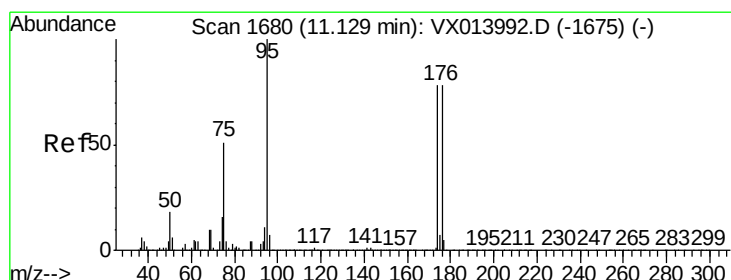
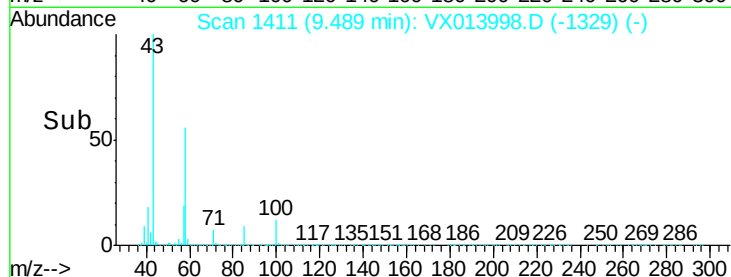
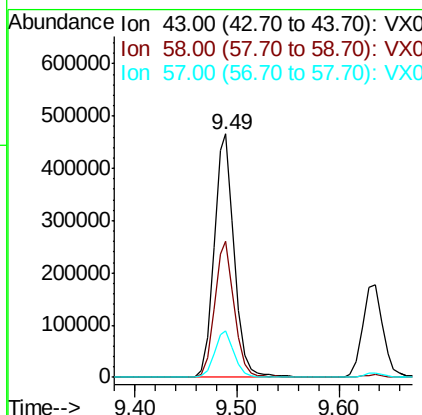
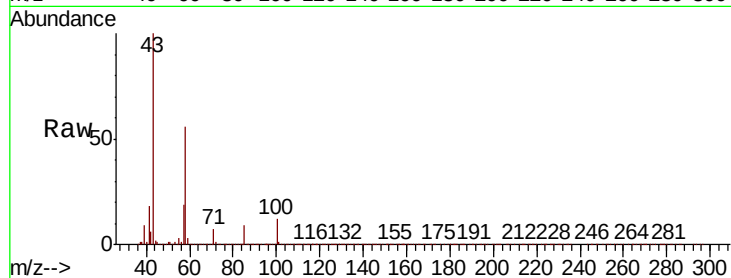
#59
2-Hexanone
Concen: 90.919 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS04

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.1	43.8	65.6
57	18.6	15.4	23.0

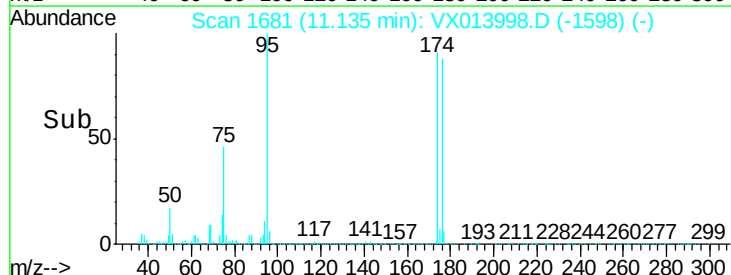
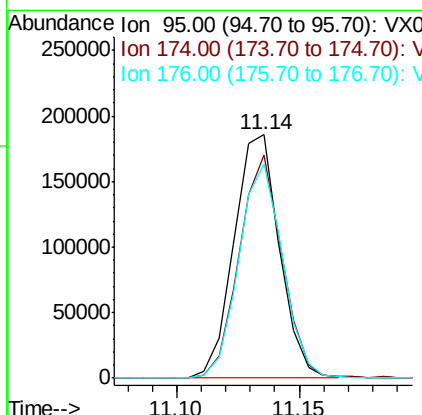
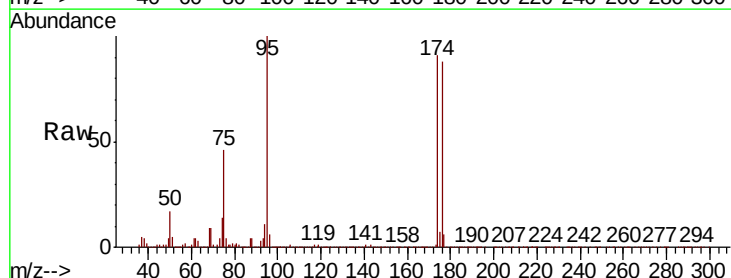
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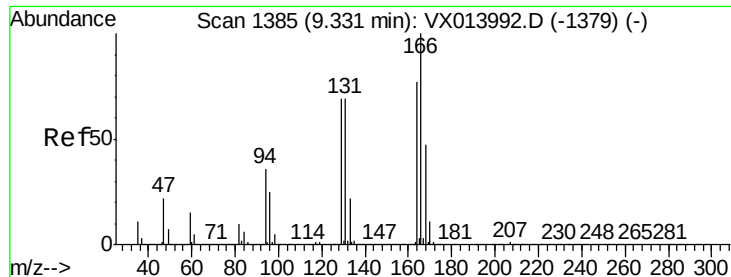
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#60
4-Bromofluorobenzene
Concen: 29.844 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.6	70.2	105.2
176	84.9	68.3	102.5





#61

Tetrachloroethene

Concen: 17.268 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Instrument :

MSVOA_X

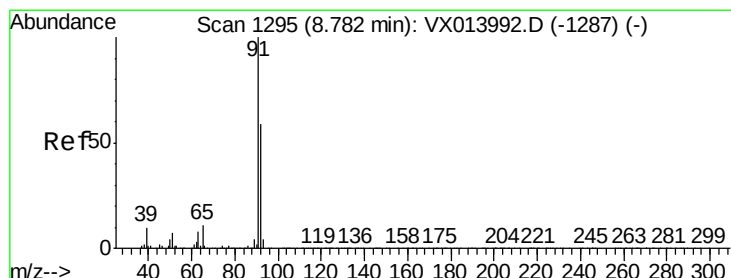
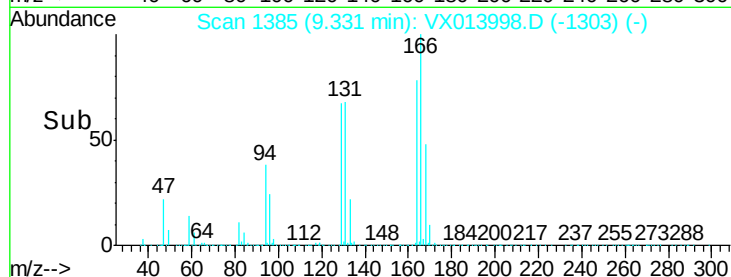
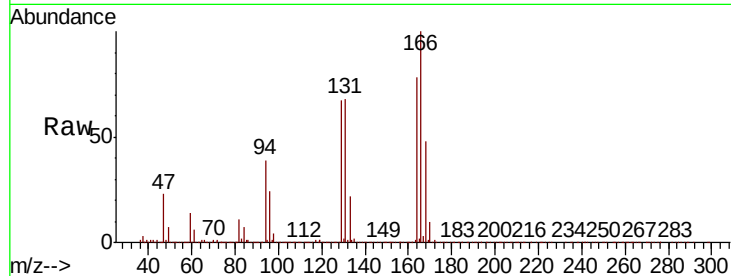
ClientSampleId :

VX1212WBS04

Tot Ion:	164	Resp:	113409
Ion Ratio	Lower	Upper	
164	100		
166	127.3	104.2	156.2
129	85.3	71.6	107.4
131	86.6	71.7	107.5

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#62

Toluene

Concen: 18.207 ug/l

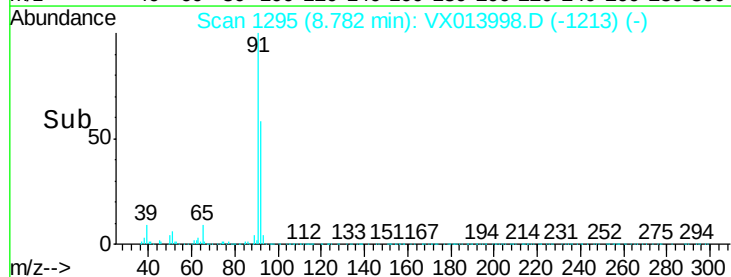
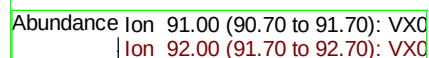
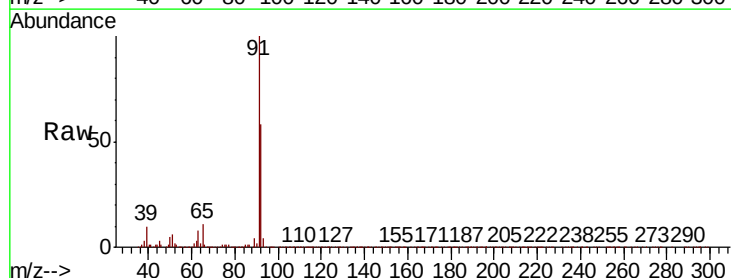
RT: 8.78 min Scan# 1295

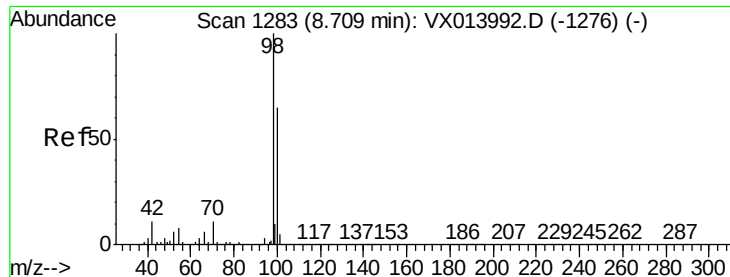
Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Tgt Ion:	91	Resp:	480737
Ion Ratio	Lower	Upper	
91	100		
92	58.3	46.4	69.6





#63

Toluene-d8

Concen: 30.793 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS04

Tot Ion: 98 Resp: 683302

Ion Ratio Lower Upper

98 100

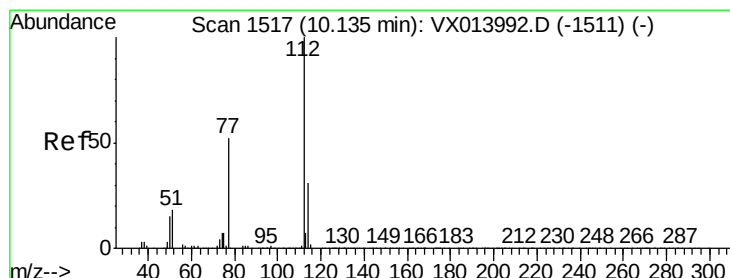
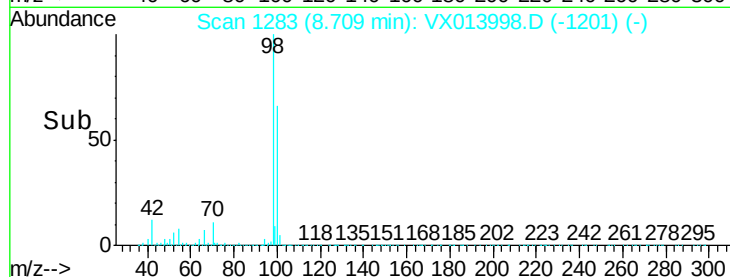
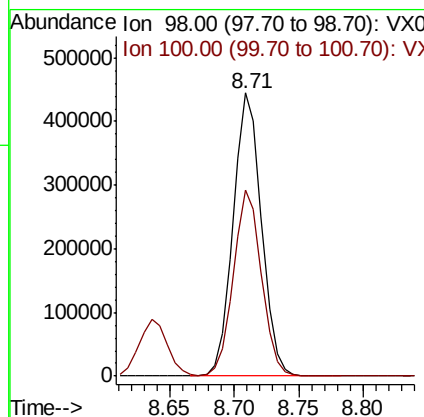
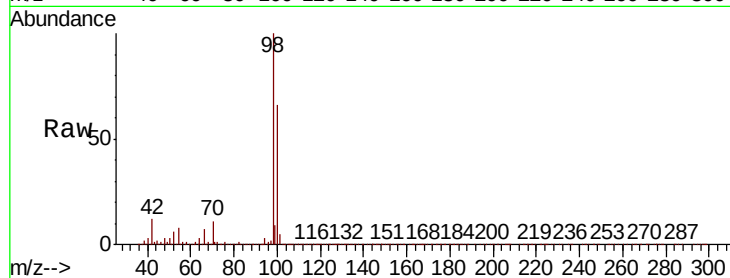
100 64.5 52.2 78.2

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#64

Chlorobenzene

Concen: 18.032 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013998.D

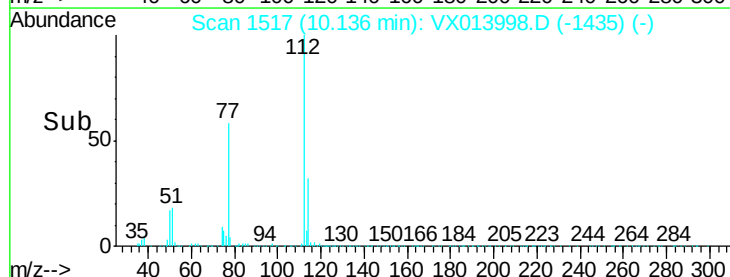
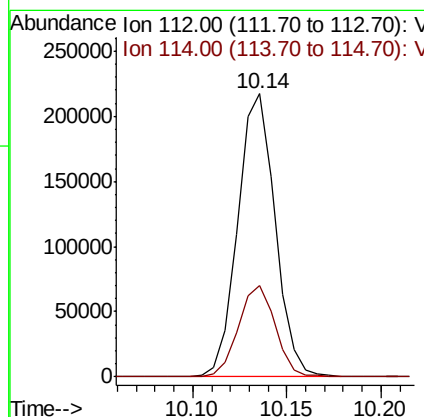
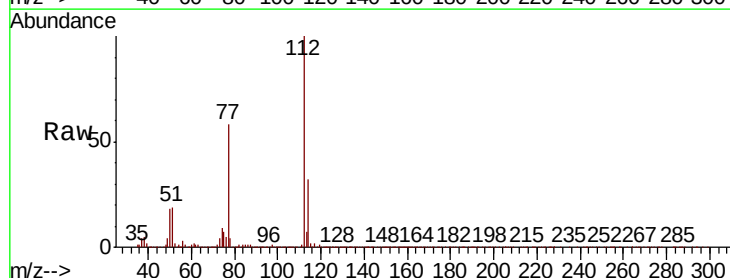
Acq: 13 Dec 2019 02:26

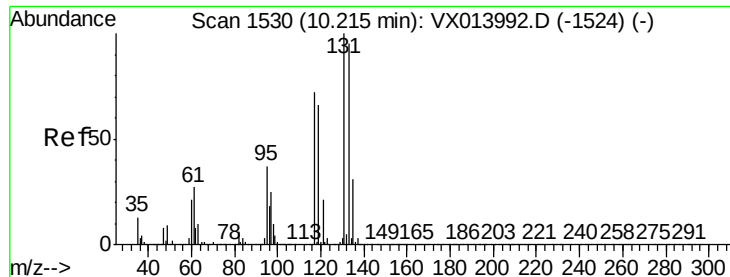
Tgt Ion: 112 Resp: 298285

Ion Ratio Lower Upper

112 100

114 32.0 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 17.643 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Instrument :

MSVOA_X

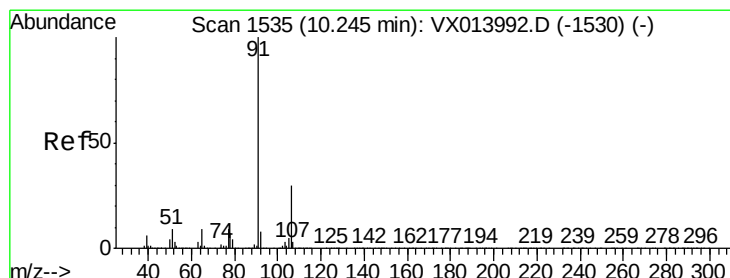
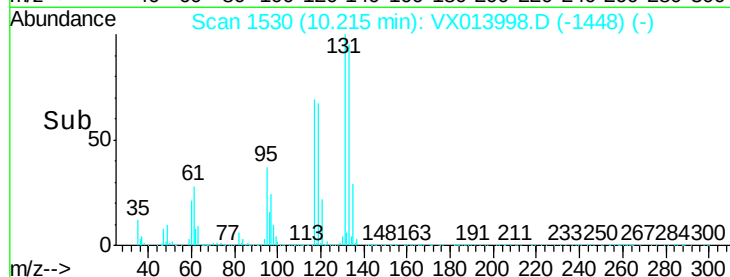
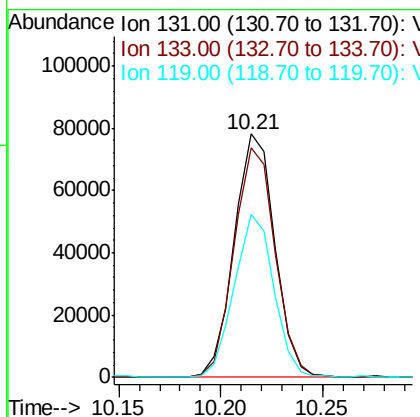
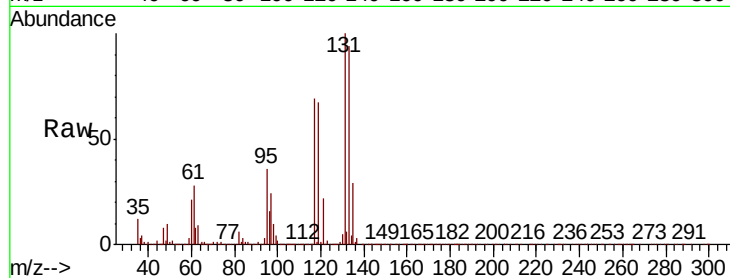
ClientSampleId :

VX1212WBS04

Tot Ion:	131	Resp:	108067
Ion Ratio	Lower	Upper	
131	100		
133	94.9	0.0	189.8
119	65.2	0.0	132.2

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#66

Ethyl Benzene

Concen: 18.012 ug/l

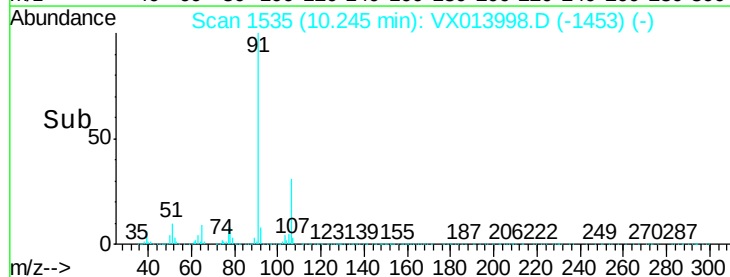
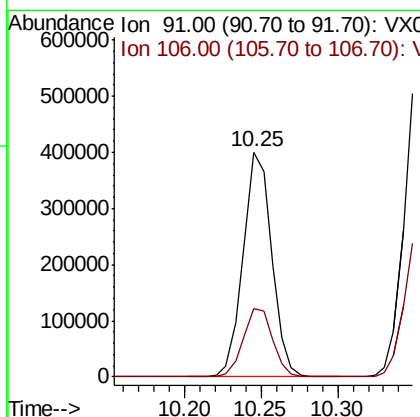
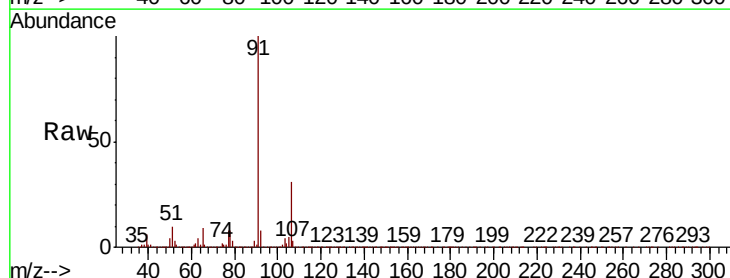
RT: 10.25 min Scan# 1535

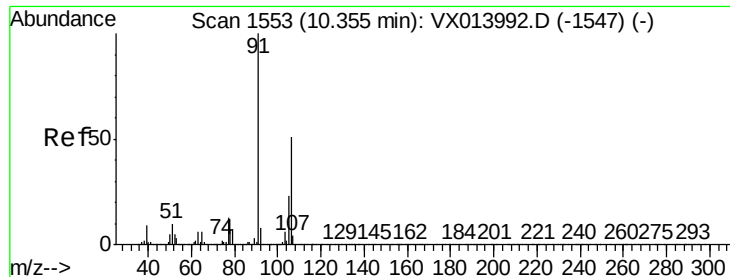
Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Tgt Ion:	91	Resp:	520466
Ion Ratio	Lower	Upper	
91	100		
106	30.6	24.2	36.2





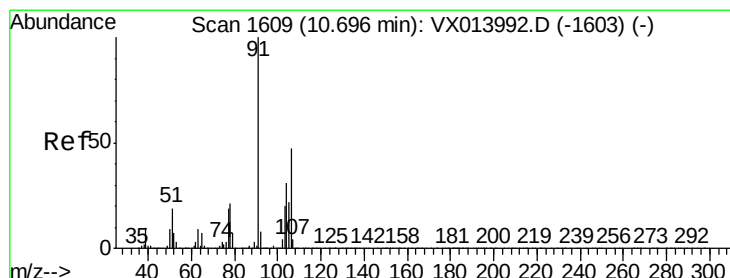
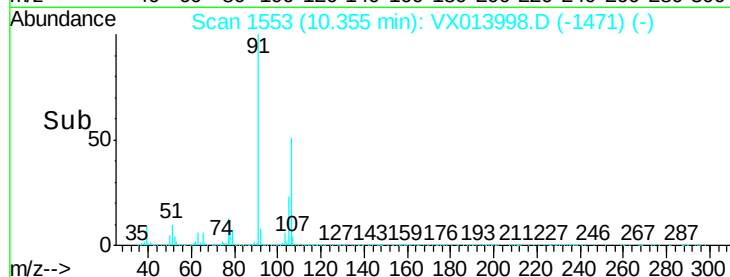
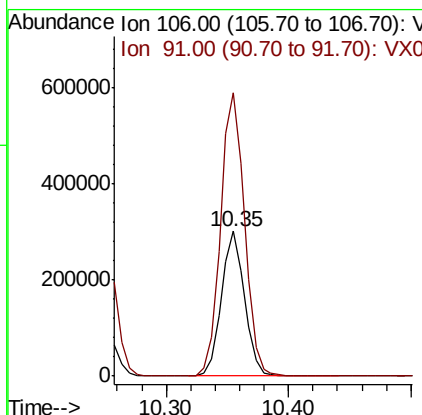
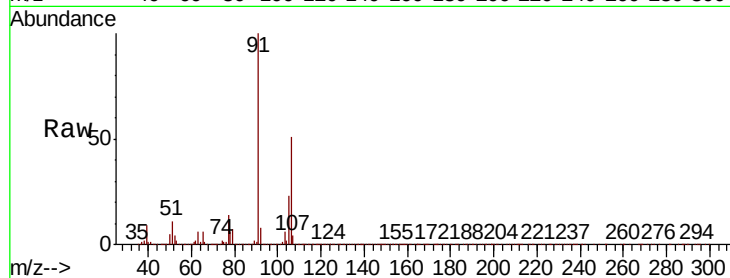
#67
m/p-Xylenes
Concen: 35.716 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS04

Tot Ion:106 Resp: 394499
Ion Ratio Lower Upper
106 100
91 202.0 159.3 238.9

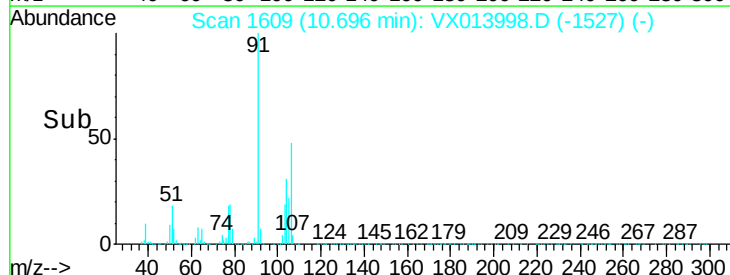
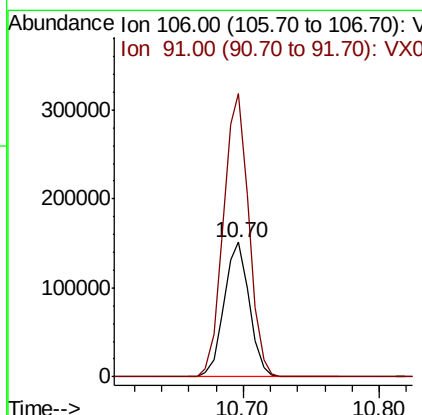
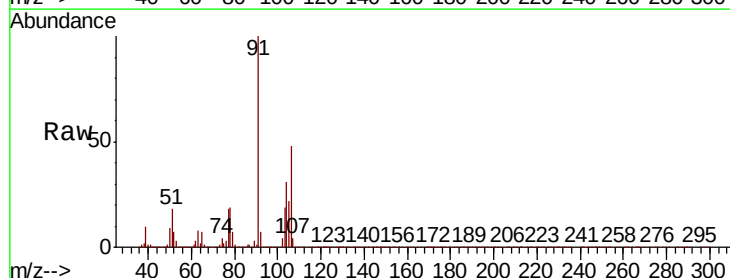
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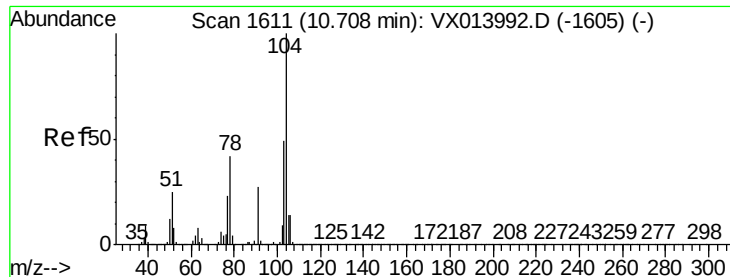
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#68
o-Xylene
Concen: 17.700 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Tgt Ion:106 Resp: 193679
Ion Ratio Lower Upper
106 100
91 211.5 104.8 314.6





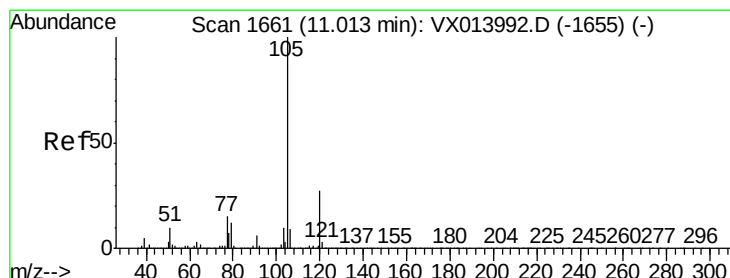
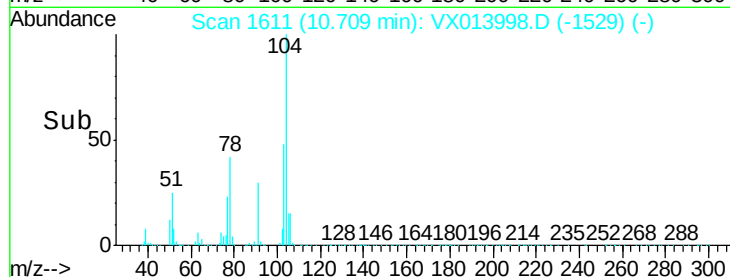
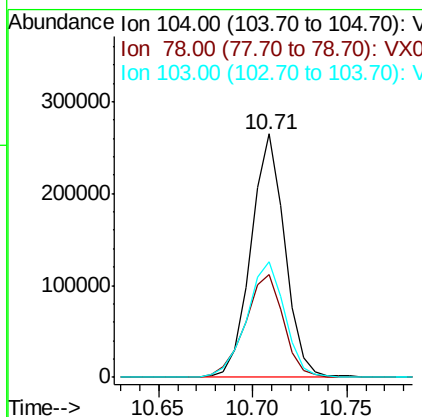
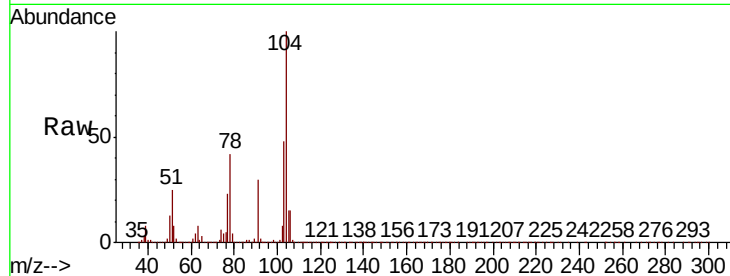
#69
Stvrene
Concen: 17.666 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS04

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.1	38.9	58.3
103	53.1	44.2	66.2

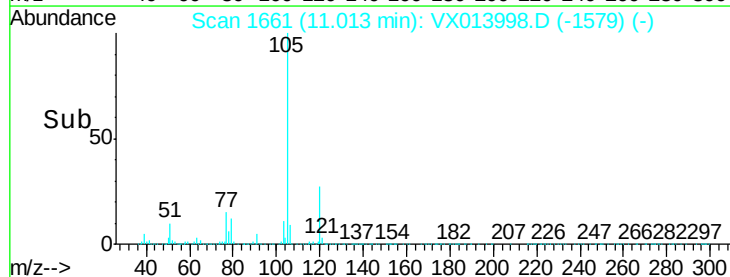
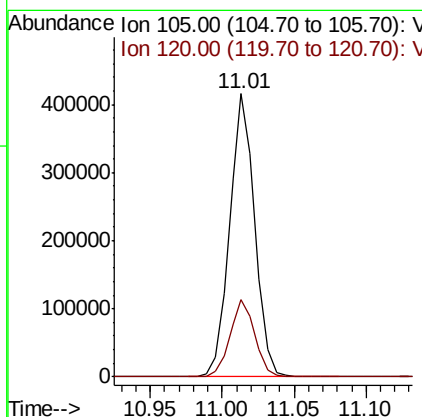
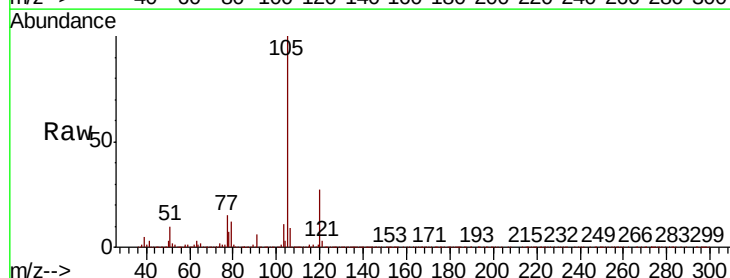
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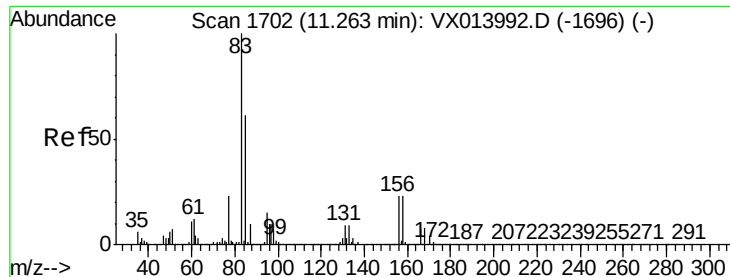
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#70
Isopropylbenzene
Concen: 17.926 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	19.1	35.5





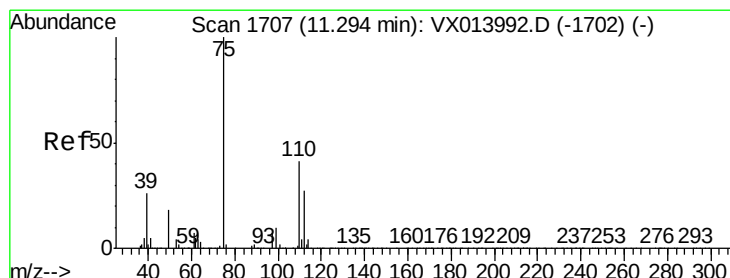
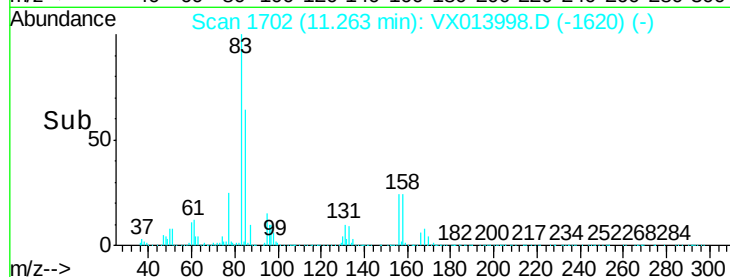
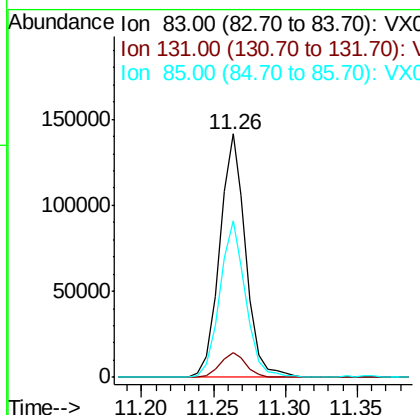
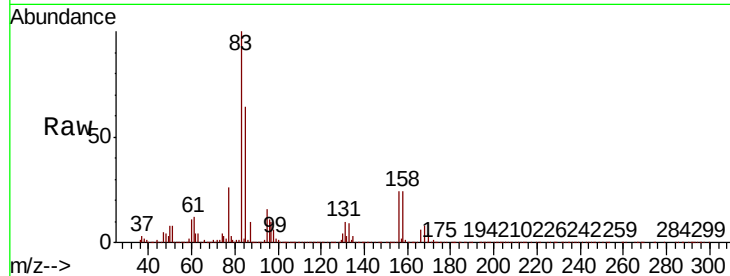
#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.773 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX013998.D
 Acq: 13 Dec 2019 02:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS04

Tot Ion	Ratio	Resp	Lower	Upper
83	100	178228		
131	10.3		4.9	14.7
85	63.9		31.6	94.7

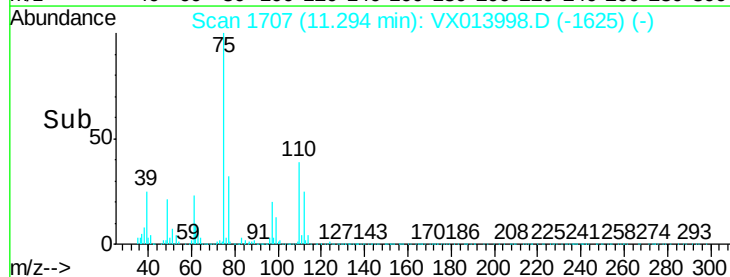
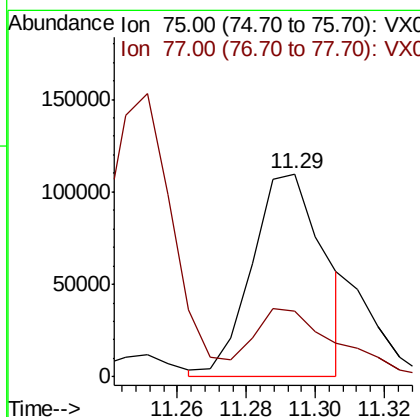
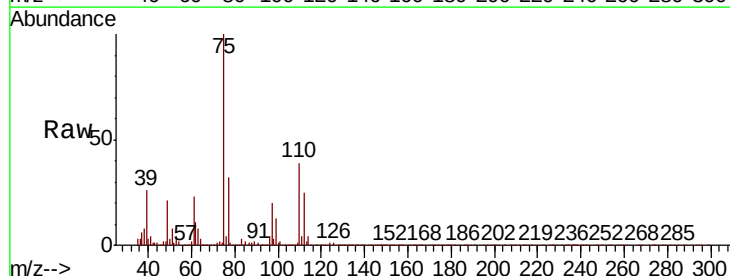
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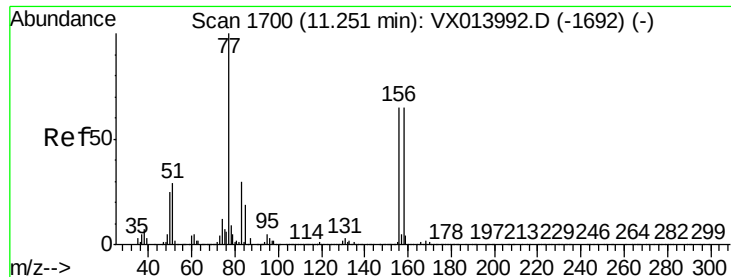
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#72
 1,2,3-Trichloropropane
 Concen: 17.876 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX013998.D
 Acq: 13 Dec 2019 02:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	159560		
77	35.0		0.0	68.4





#73

Bromobenzene

Concen: 17.605 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Instrument :

MSVOA_X

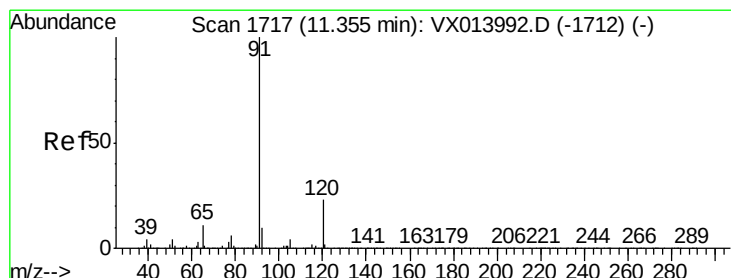
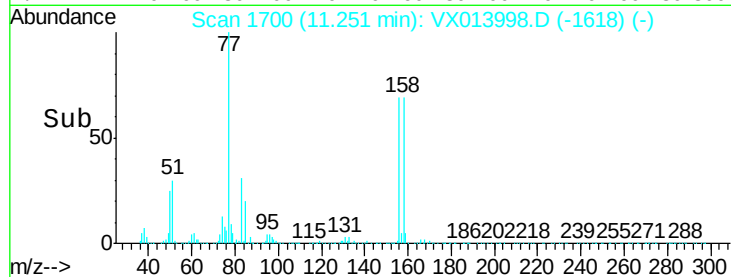
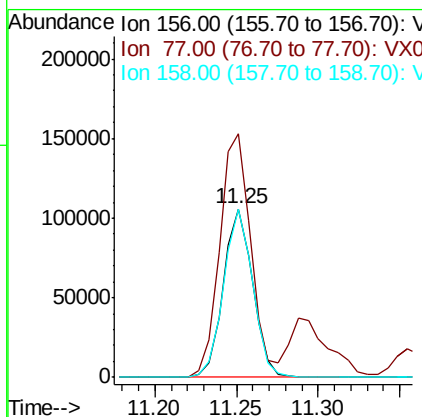
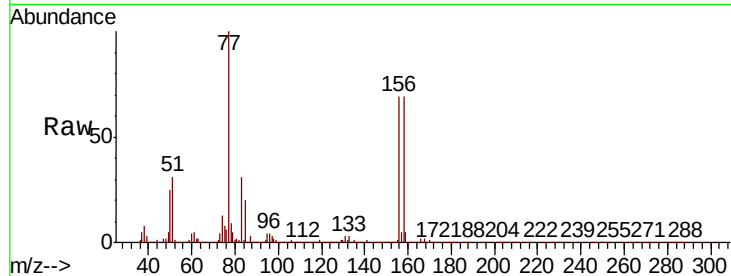
ClientSampleId :

VX1212WBS04

Tot Ion:	156	Resp:	132893
Ion Ratio	Lower	Upper	
156	100		
77	152.5	0.0	304.6
158	98.4	0.0	195.2

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#74

n-propylbenzene

Concen: 17.490 ug/l

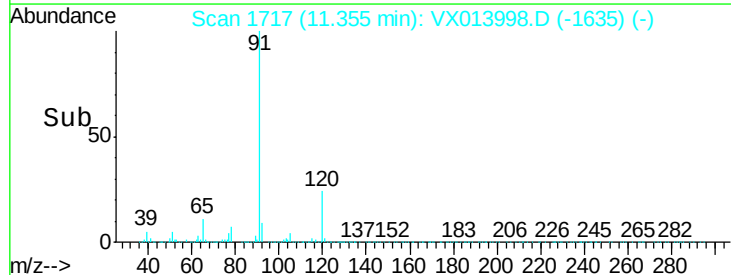
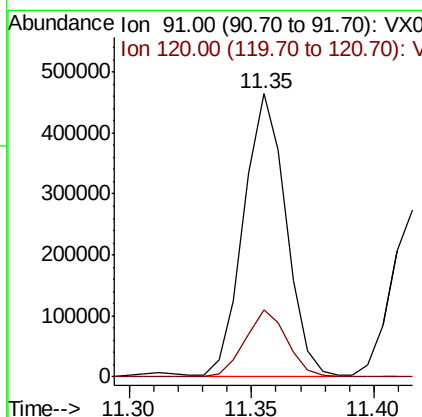
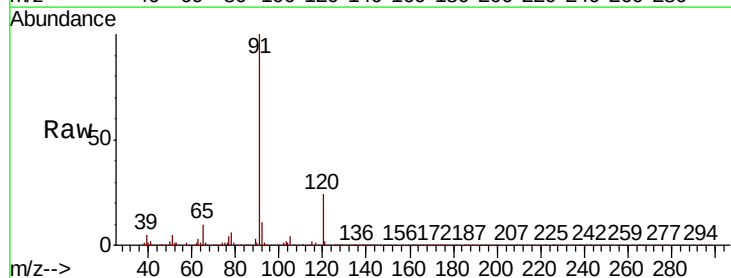
RT: 11.35 min Scan# 1717

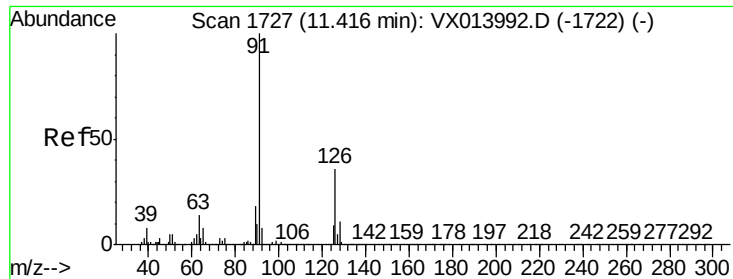
Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Tgt Ion:	91	Resp:	560953
Ion Ratio	Lower	Upper	
91	100		
120	23.5	0.0	44.8





#75

2-Chlorotoluene

Concen: 17.804 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS04

Tot Ion: 91 Resp: 345034

Ion Ratio Lower Upper

91 100

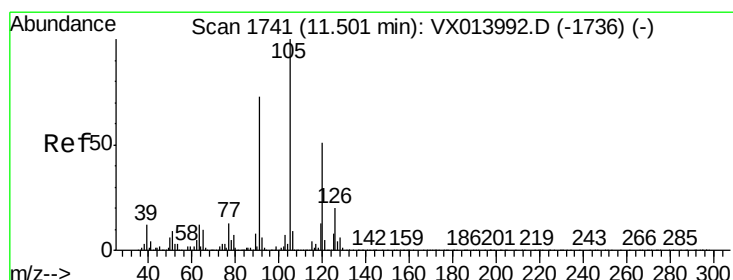
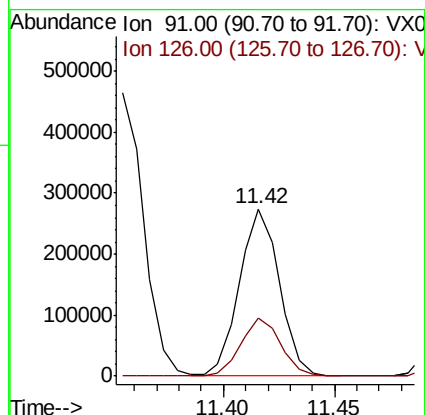
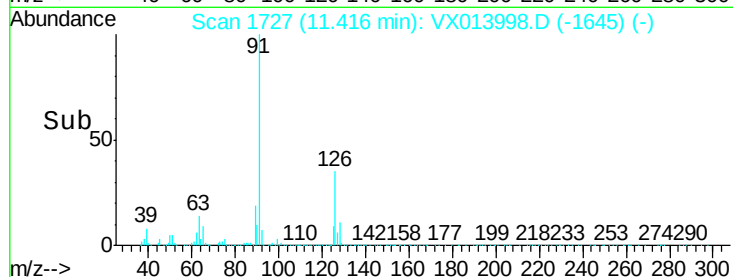
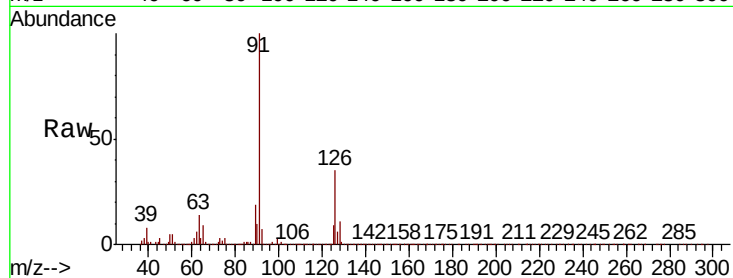
126 34.7 0.0 70.8

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#76

1,3,5-Trimethylbenzene

Concen: 17.585 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013998.D

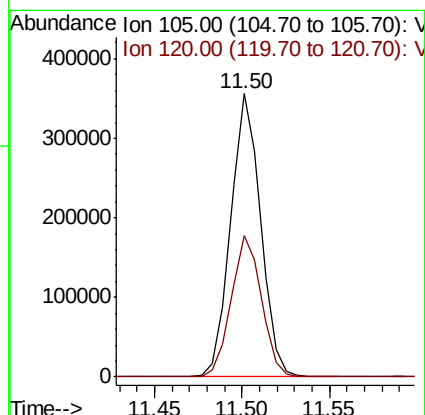
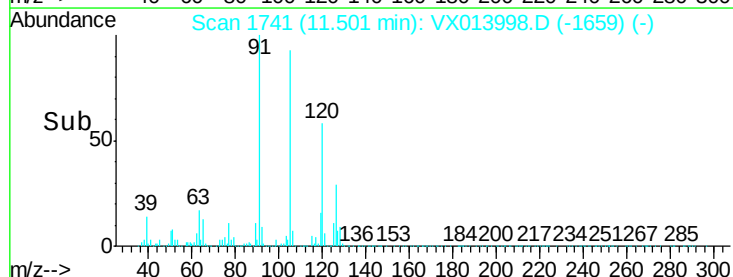
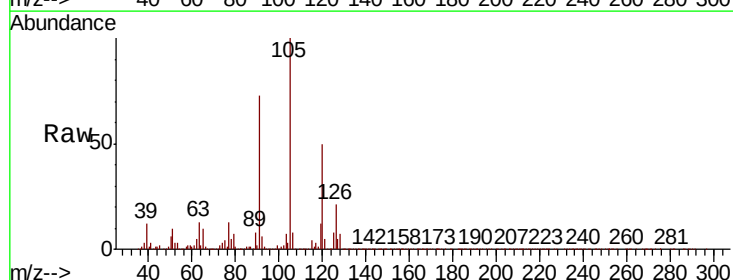
Acq: 13 Dec 2019 02:26

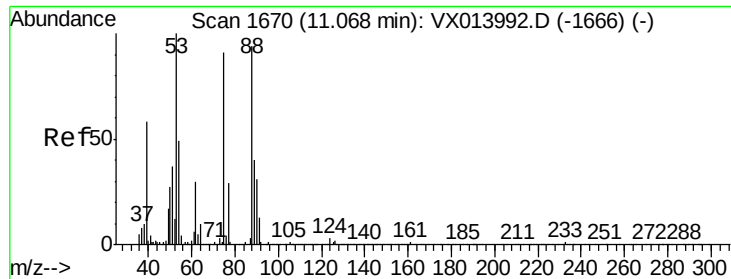
Tgt Ion: 105 Resp: 421810

Ion Ratio Lower Upper

105 100

120 50.4 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 16.081 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Instrument :

MSVOA_X

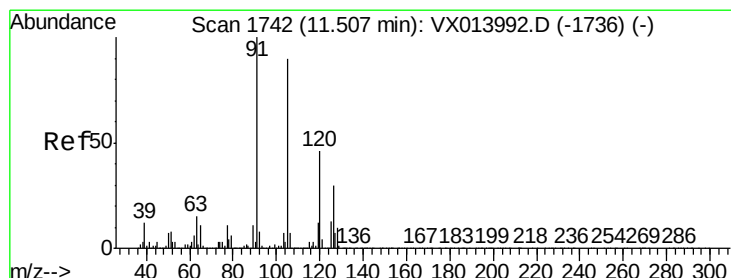
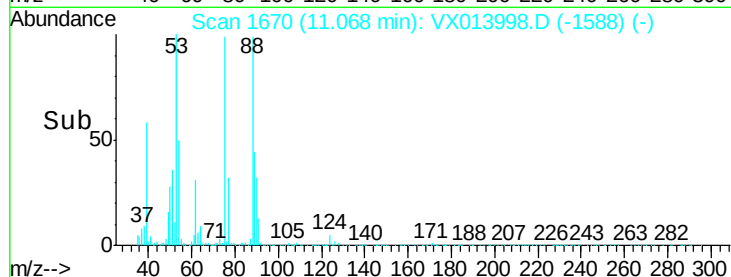
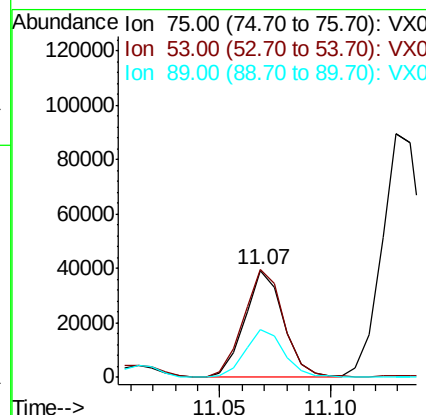
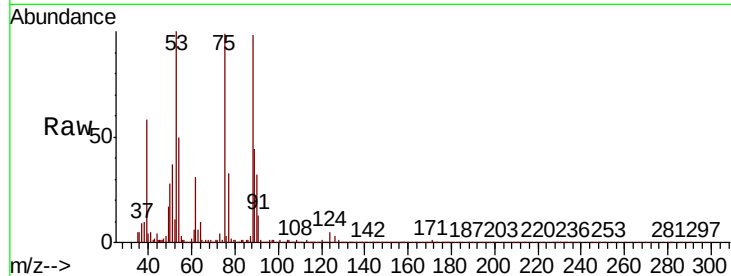
ClientSampleId :

VX1212WBS04

Tot Ion:	75	Resp:	47402
Ion	Ratio	Lower	Upper
75	100		
53	100.2	54.4	163.1
89	44.0	21.9	65.5

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#78

4-Chlorotoluene

Concen: 17.342 ug/l

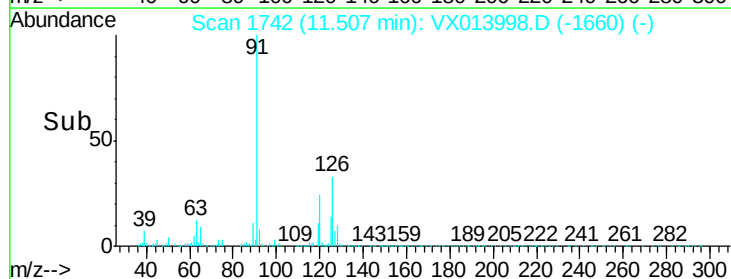
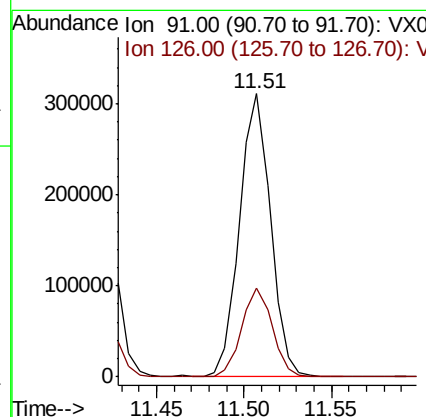
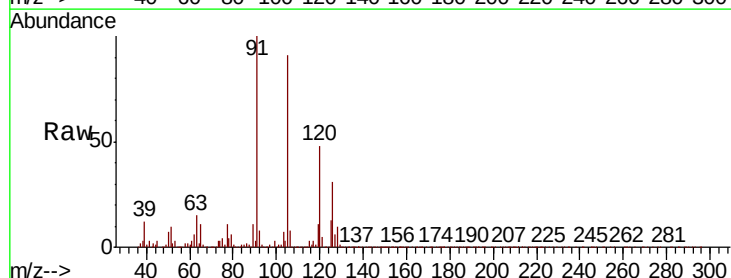
RT: 11.51 min Scan# 1742

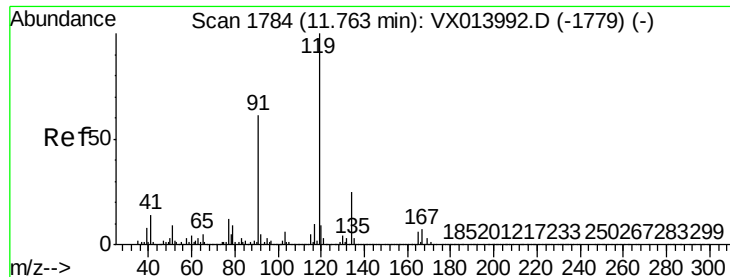
Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Tgt Ion:	91	Resp:	384037
Ion	Ratio	Lower	Upper
91	100		
126	30.9	0.0	59.6





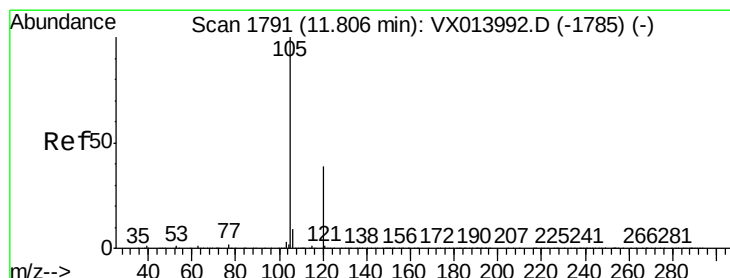
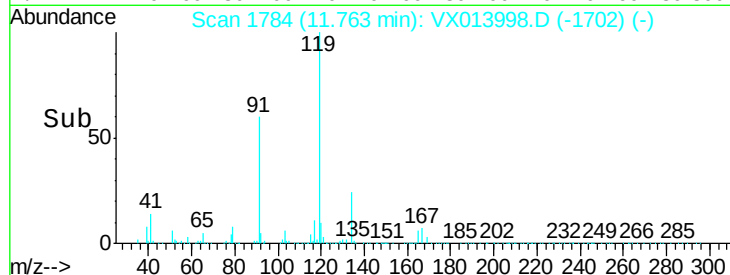
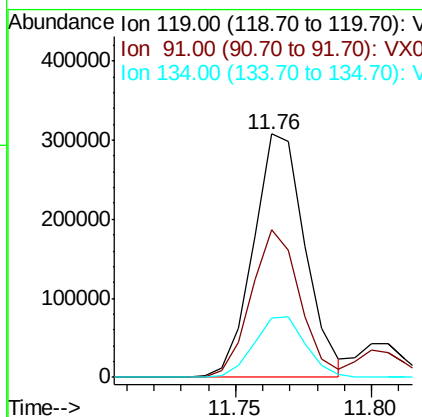
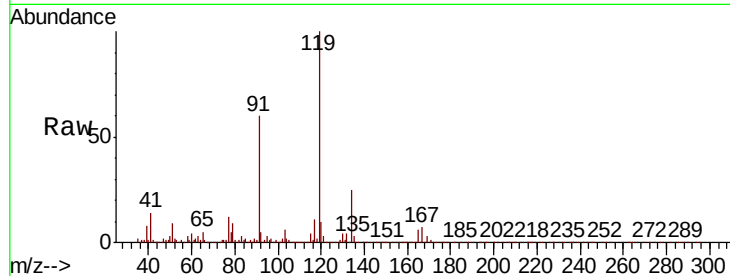
#79
tert-butylbenzene
Concen: 17.599 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS04

Tot Ion	Ratio	Resp	Lower	Upper
119	100	406917		
91	57.0		0.0	112.6
134	25.0		0.0	49.8

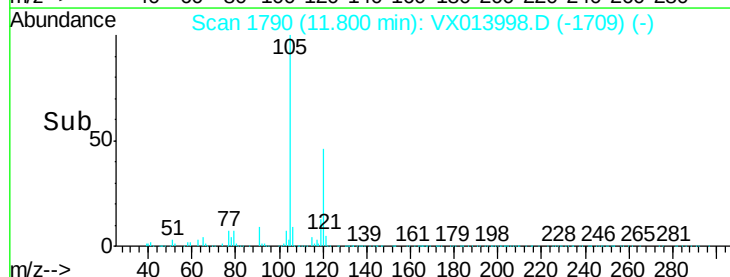
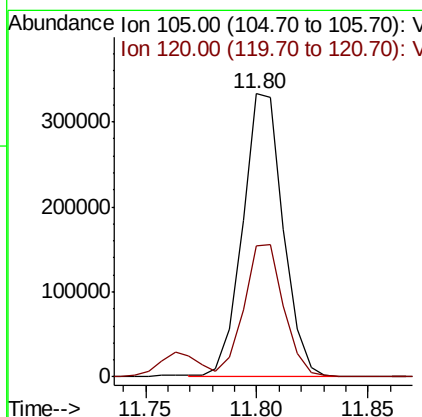
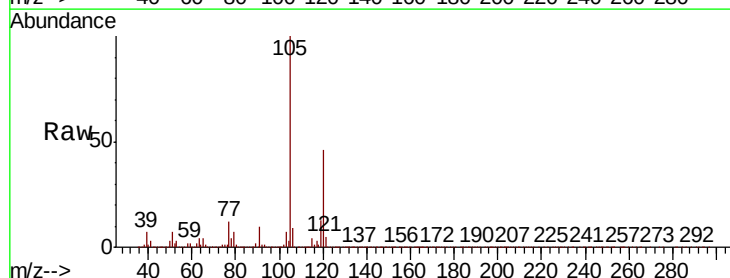
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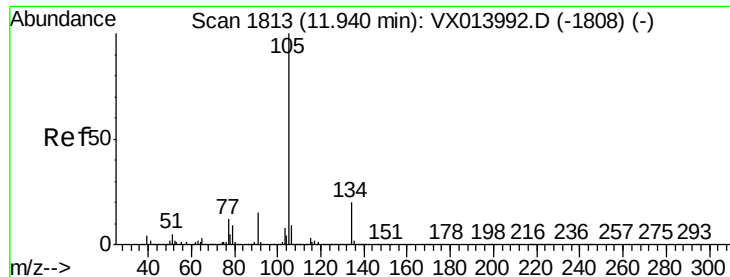
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#80
1,2,4-Trimethylbenzene
Concen: 17.505 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	419869		
120	46.2		0.0	92.0





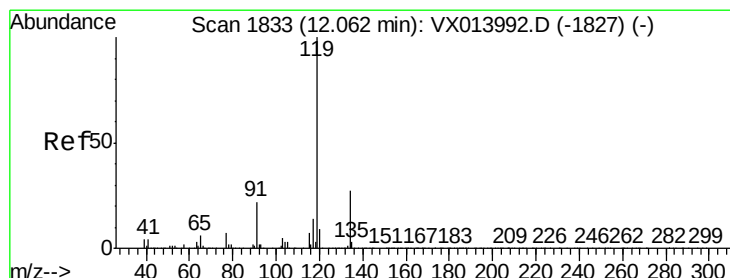
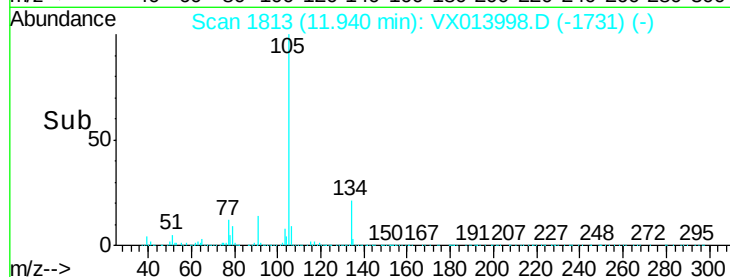
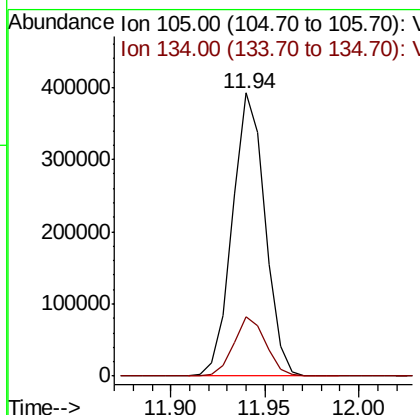
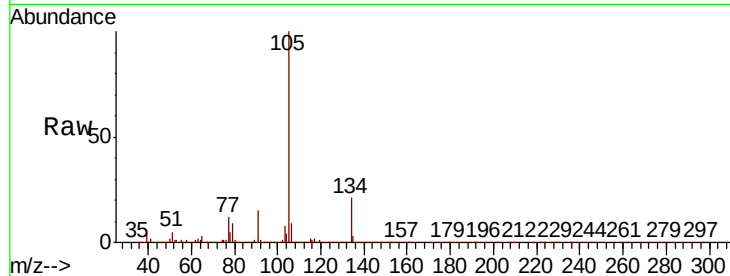
#81
sec-Butylbenzene
Concen: 17.160 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS04

Tot Ion	Ratio	Resp	Lower	Upper
105	100	471927		
134	20.7	0.0	40.2	

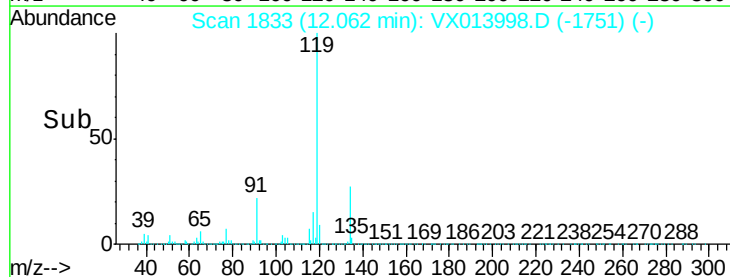
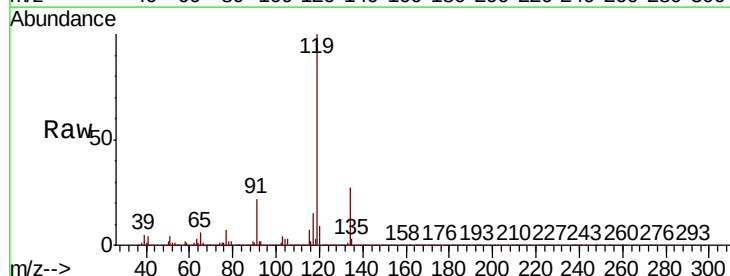
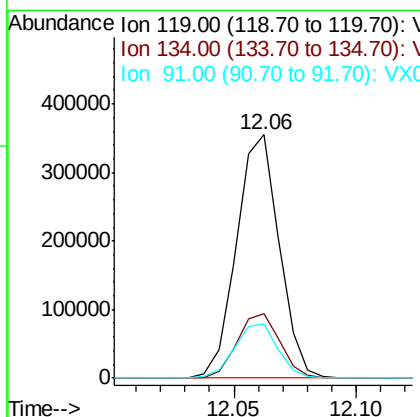
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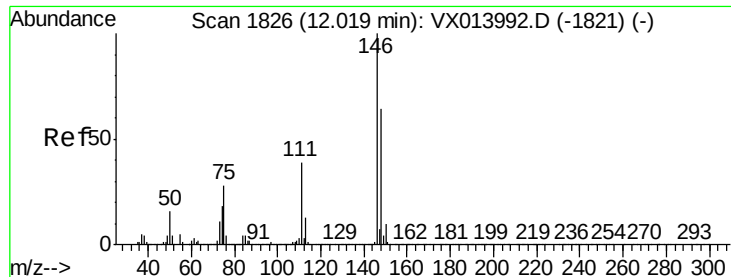
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#82
p-Isopropyltoluene
Concen: 17.372 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	431133		
134	26.7	0.0	53.8	
91	22.4	0.0	45.0	





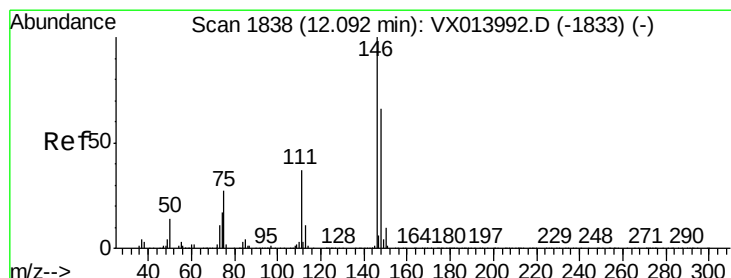
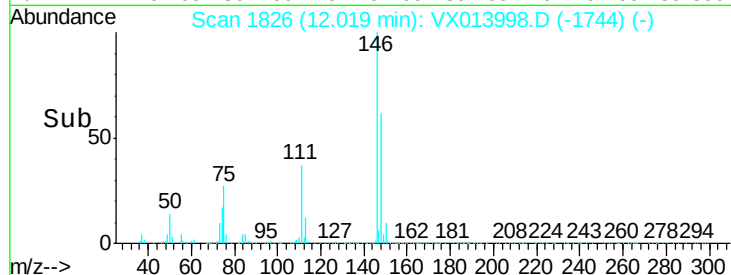
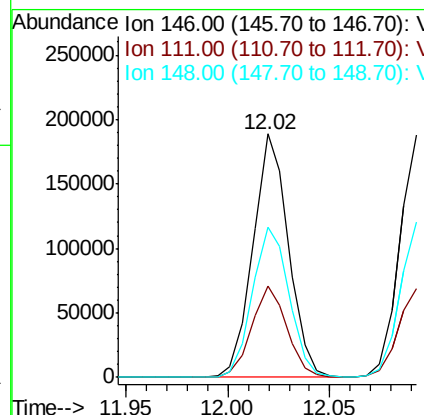
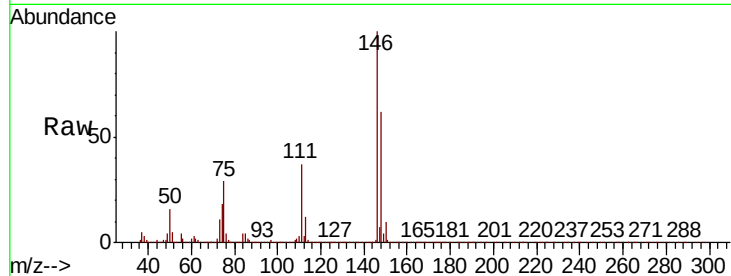
#83
 1,3-Dichlorobenzene
 Concen: 17.421 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013998.D
 Acq: 13 Dec 2019 02:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS04

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.3	57.9
148	63.7	32.2	96.6

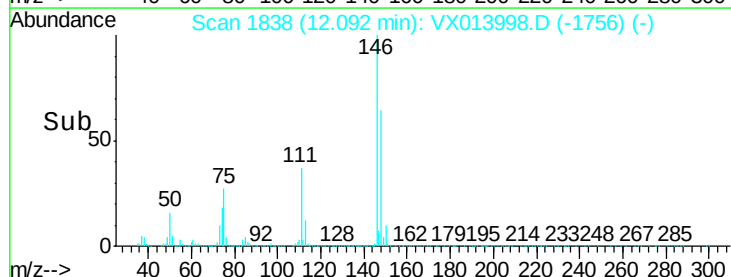
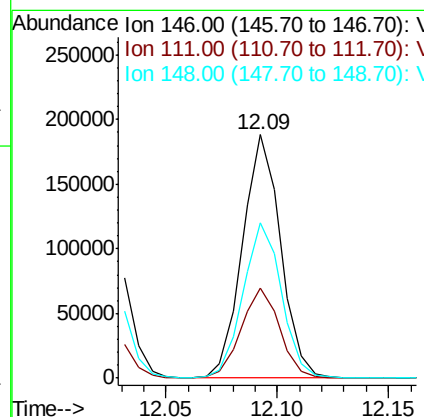
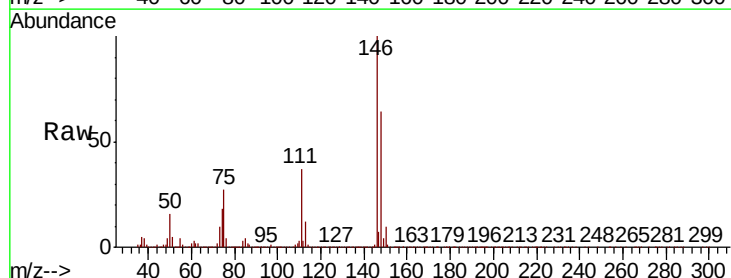
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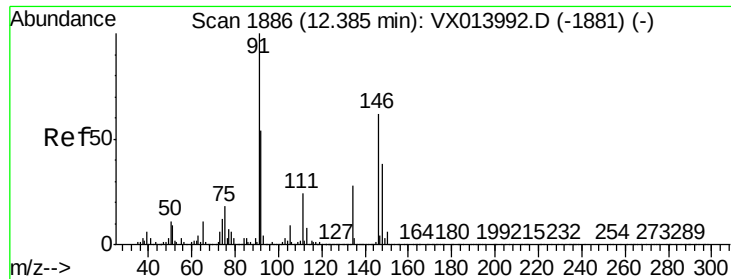
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#84
 1,4-Dichlorobenzene
 Concen: 17.177 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013998.D
 Acq: 13 Dec 2019 02:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.4	55.4
148	64.4	32.0	96.0





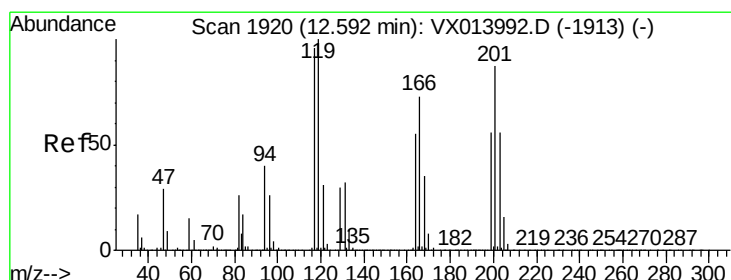
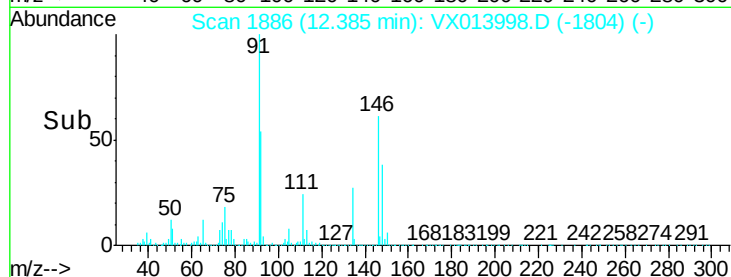
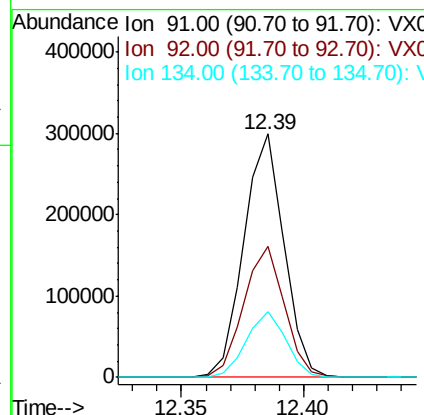
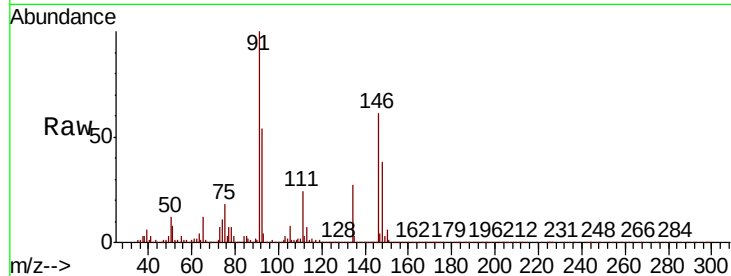
#85
n-Butylbenzene
Concen: 16.402 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS04

Tot Ion	Ratio	Resp	Lower	Upper
91	100	342250		
92	54.4	0.0	109.0	
134	26.9	0.0	54.0	

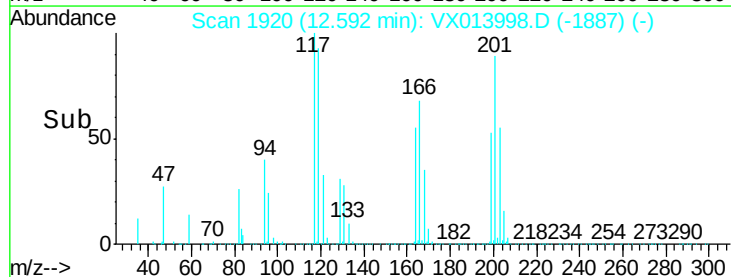
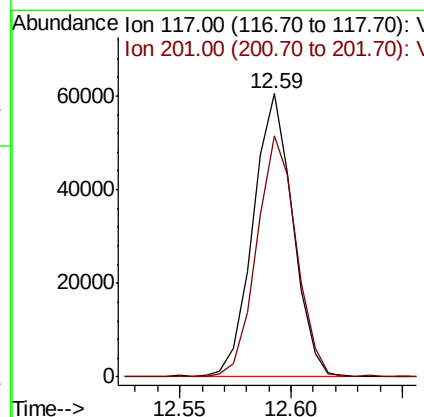
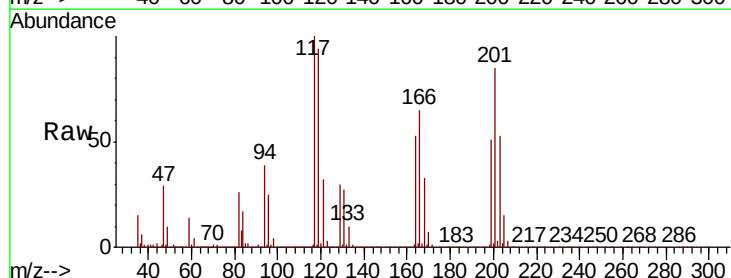
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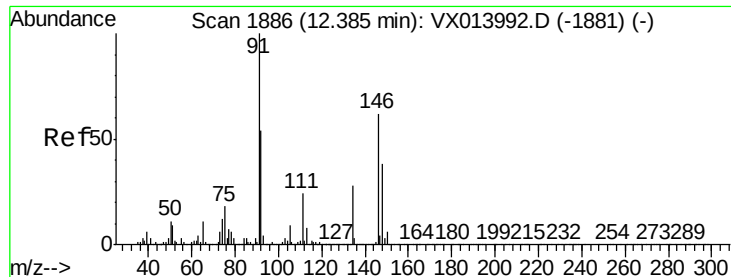
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#86
Hexachloroethane
Concen: 16.682 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	75104		
201	84.7	44.8	134.3	





#87

1,2-Dichlorobenzene

Concen: 17.262 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013998.D

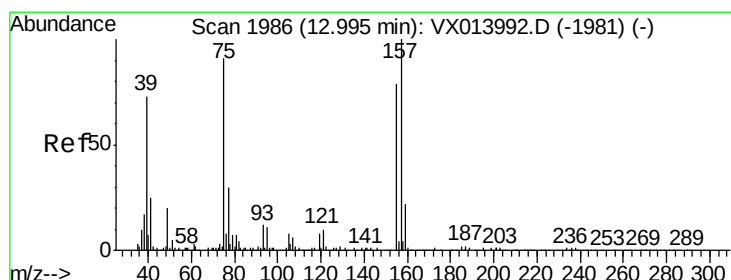
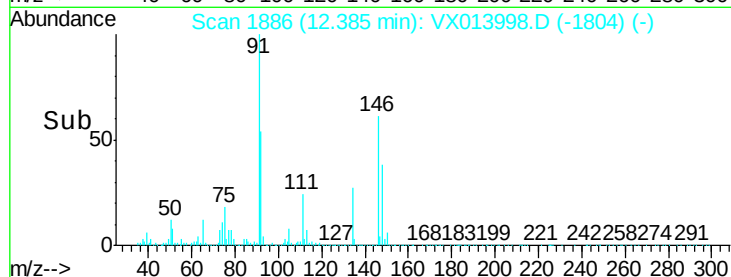
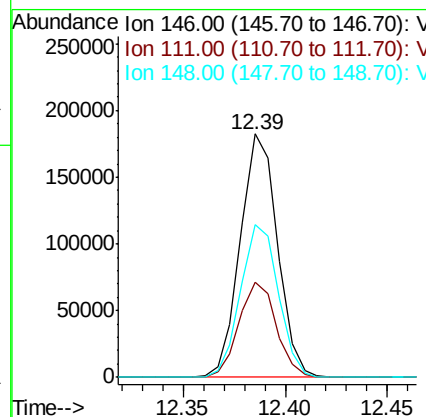
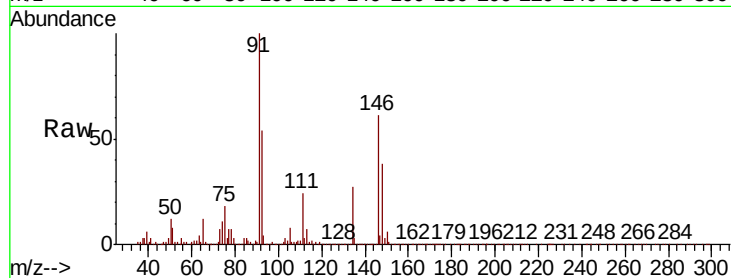
Acq: 13 Dec 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS04

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.1	60.2
148	64.4	32.0	96.2

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#88

1,2-Dibromo-3-Chloropropane

Concen: 17.268 ug/l

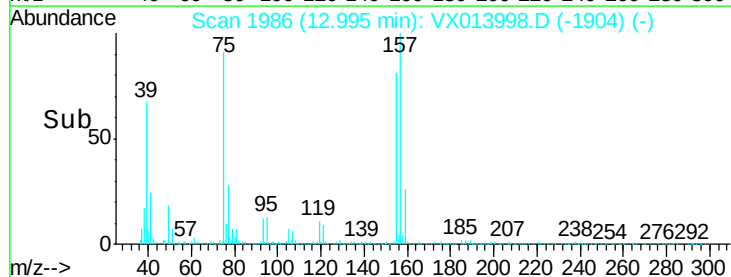
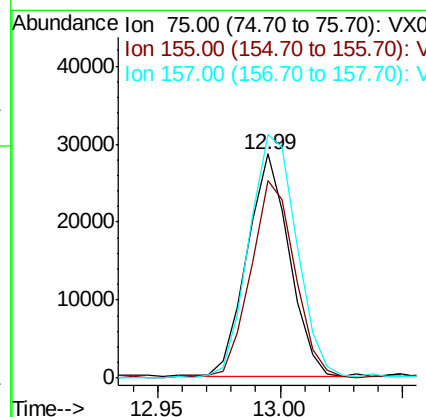
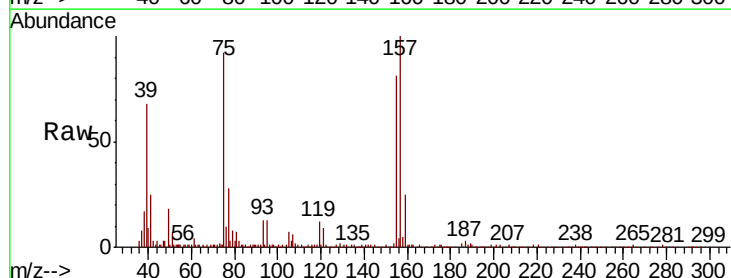
RT: 12.99 min Scan# 1886

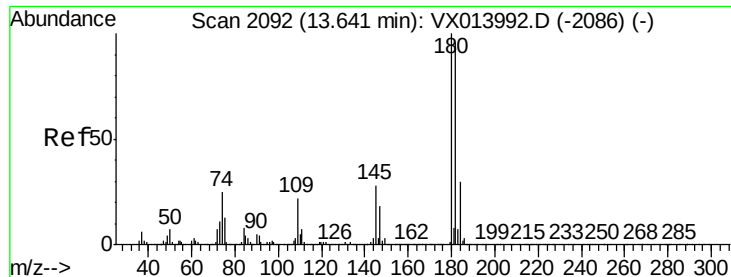
Delta R.T. 0.00 min

Lab File: VX013998.D

Acq: 13 Dec 2019 02:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.1	73.8	110.6
157	123.3	95.0	142.4





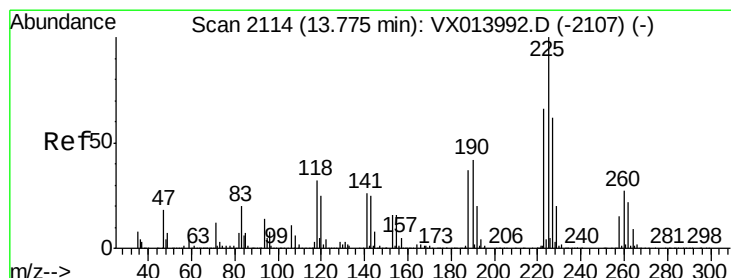
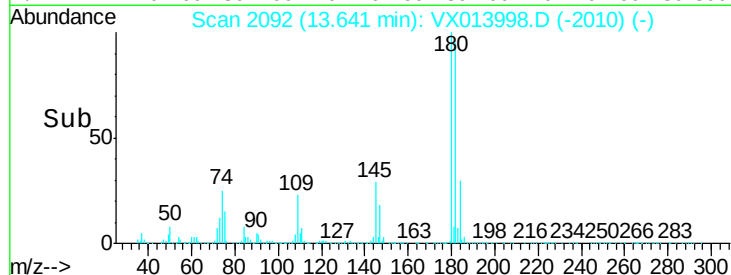
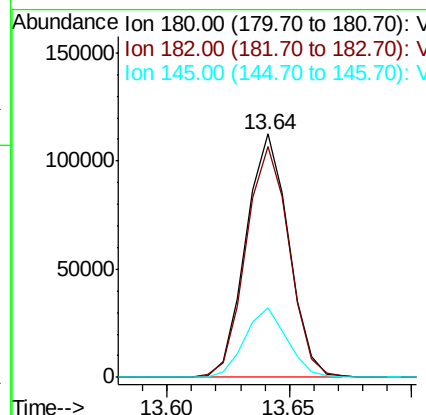
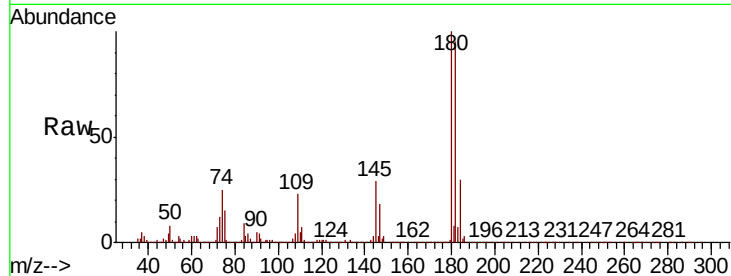
#89
 1,2,4-Trichlorobenzene
 Concen: 15.994 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013998.D
 Acq: 13 Dec 2019 02:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS04

Tot Ion	Ratio	Resp	Lower	Upper
180	100	136604		
182	96.2	76.4	114.6	
145	28.5	21.9	32.9	

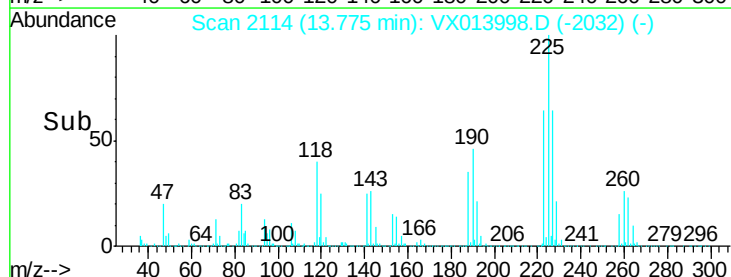
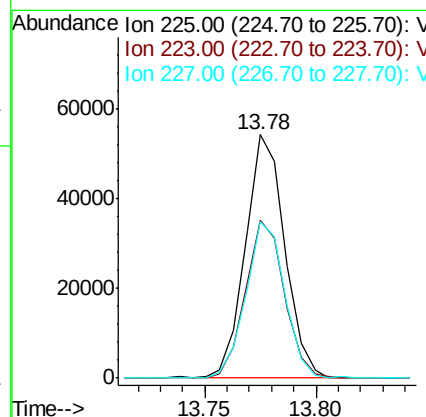
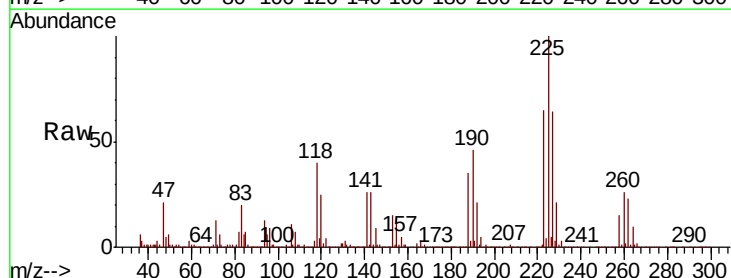
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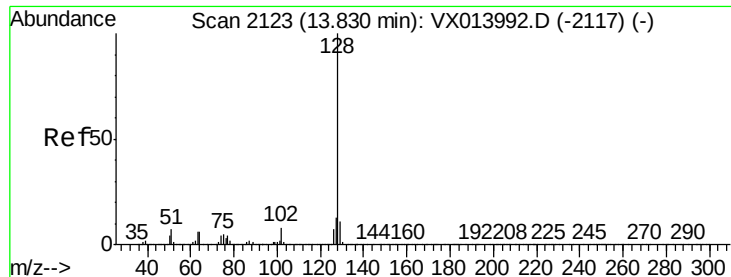
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#90
 Hexachlorobutadiene
 Concen: 16.420 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013998.D
 Acq: 13 Dec 2019 02:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	66662		
223	64.2	0.0	127.4	
227	63.7	0.0	122.8	





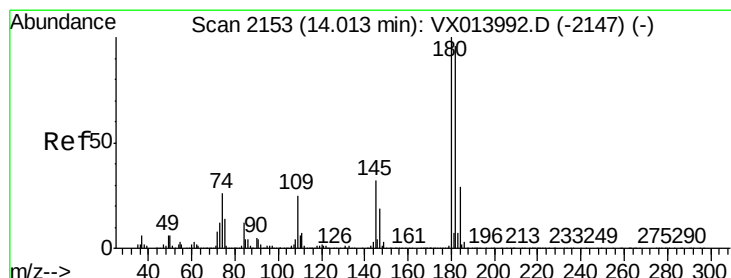
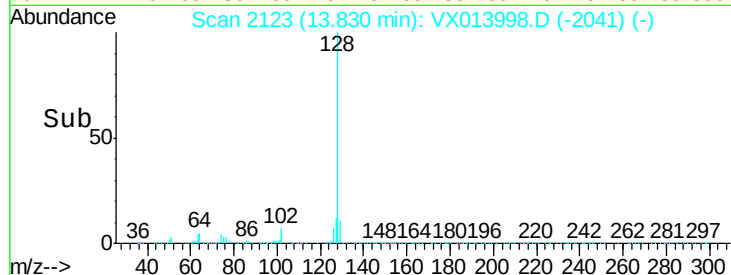
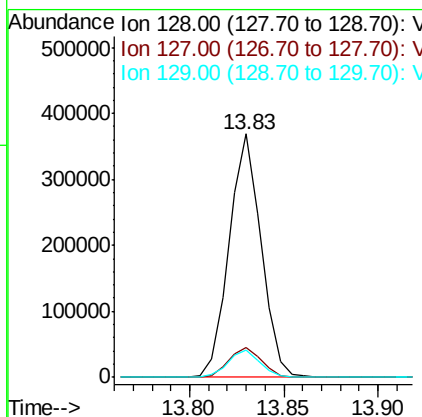
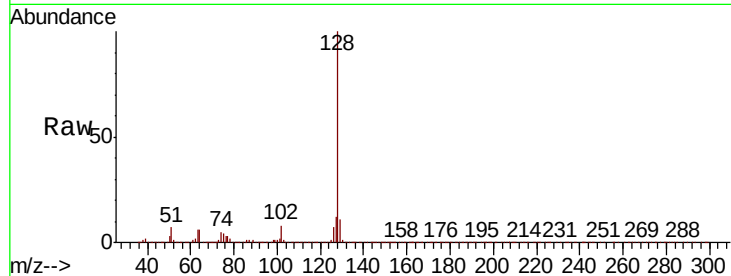
#91
Naphthalene
Concen: 16.974 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS04

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	11.1	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 16.836 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013998.D
Acq: 13 Dec 2019 02:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	0.0	192.8
145	30.8	0.0	60.0

