

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121619\
 Data File : VX014026.D
 Acq On : 16 Dec 2019 11:44
 Operator : JC/SP
 Sample : VX1216WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD01

Manual Integrations
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 12/17/2019 4:50:11 PM

Quant Time: Dec 17 03:49:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	562535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	853779	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	772335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	380675	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	310445	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
35) Dibromofluoromethane	5.48	113	246203	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
50) Toluene-d8	8.71	98	951476	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
62) 4-Bromofluorobenzene	11.13	95	334694	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	91753	18.232	ug/l	97
3) Chloromethane	1.32	50	124665	18.458	ug/l	99
4) Vinyl Chloride	1.40	62	128912	18.089	ug/l	99
5) Bromomethane	1.63	94	85504	16.905	ug/l	100
6) Chloroethane	1.71	64	81834	18.605	ug/l	95
7) Trichlorofluoromethane	1.92	101	161338	18.288	ug/l	99
8) Diethyl Ether	2.18	74	77003	18.598	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	98705	18.561	ug/l	99
10) Methyl Iodide	2.50	142	123283	19.279	ug/l	100
11) Tert butyl alcohol	3.03	59	124306	90.233	ug/l	98
12) 1,1-Dichloroethene	2.36	96	99449	18.378	ug/l	100
13) Acrolein	2.28	56	98653	125.101	ug/l	97
14) Allyl chloride	2.72	41	177726	18.395	ug/l	99
15) Acrylonitrile	3.13	53	303190	94.292	ug/l	98
16) Acetone	2.43	43	369147	89.185	ug/l	99
17) Carbon Disulfide	2.56	76	267040	18.260	ug/l	99
18) Methyl Acetate	2.76	43	153866	18.760	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	339493	19.093	ug/l	100
20) Methylene Chloride	2.84	84	117194	17.980	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	105633	17.719	ug/l	98
22) Diisopropyl ether	3.84	45	369627	19.198	ug/l	95
23) Vinyl Acetate	3.80	43	1564001	99.544	ug/l	100
24) 1,1-Dichloroethane	3.69	63	193568	18.071	ug/l	100
25) 2-Butanone	4.65	43	467407	91.594	ug/l	99
26) 2,2-Dichloropropane	4.57	77	154041	18.522	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	126036	18.694	ug/l	98
28) Bromochloromethane	5.00	49	78910	19.435	ug/l	99
29) Tetrahydrofuran	5.11	42	274569	96.196	ug/l	99
30) Chloroform	5.20	83	187563	18.471	ug/l	99
31) Cyclohexane	5.57	56	179105	18.800	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	158811	18.350	ug/l	99
36) 1,1-Dichloropropene	5.79	75	142976	18.251	ug/l	100
37) Ethyl Acetate	4.81	43	165842	19.171	ug/l	99
38) Carbon Tetrachloride	5.77	117	133441	18.698	ug/l	98

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Manual Integrations
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Quant Time: Dec 17 03:49:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	180022	18.611	ug/l	97
40) Benzene	6.13	78	441776	18.328	ug/l	98
41) Methacrylonitrile	5.02	41	93263	19.430	ug/l	97
42) 1,2-Dichloroethane	6.18	62	155567	19.040	ug/l	97
43) Isopropyl Acetate	6.43	43	273256	19.087	ug/l	99
44) Trichloroethene	7.20	130	117057	17.582	ug/l	96
45) 1,2-Dichloropropane	7.50	63	115998	18.776	ug/l	92
46) Dibromomethane	7.65	93	75917	18.586	ug/l	99
47) Bromodichloromethane	7.89	83	145737	18.945	ug/l	95
48) Methyl methacrylate	7.76	41	135957	19.393	ug/l	98
49) 1,4-Dioxane	7.73	88	54223	380.071	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	853751	94.955	ug/l	99
52) Toluene	8.78	92	278108	18.254	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	158791	18.825	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	181955	19.362	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	114381	18.732	ug/l	98
56) Ethyl methacrylate	9.17	69	181208	18.892	ug/l	99
57) 1,3-Dichloropropane	9.36	76	196366	19.114	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	365633	100.729	ug/l	99
59) 2-Hexanone	9.48	43	673714	93.081	ug/l	99
60) Dibromochloromethane	9.57	129	116230	19.150	ug/l	99
61) 1,2-Dibromoethane	9.67	107	117618	18.826	ug/l	98
64) Tetrachloroethene	9.33	164	118133	17.286	ug/l	98
65) Chlorobenzene	10.13	112	295934	18.021	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	110794	18.896	ug/l	97
67) Ethyl Benzene	10.25	91	521687	18.478	ug/l	100
68) m/p-Xylenes	10.35	106	401772	37.000	ug/l	100
69) o-Xylene	10.70	106	193492	18.169	ug/l	99
70) Styrene	10.71	104	325520	18.076	ug/l	99
71) Bromoform	10.85	173	86099	18.267	ug/l #	97
73) Isopropylbenzene	11.01	105	509333	19.003	ug/l	100
74) N-amyl acetate	10.89	43	236944	18.860	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	176047	18.946	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	169403m	20.498	ug/l	
77) Bromobenzene	11.25	156	132174	17.924	ug/l	99
78) n-propylbenzene	11.35	91	575697	19.149	ug/l	100
79) 2-Chlorotoluene	11.42	91	340152	18.613	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	426409	18.904	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	55042	18.798	ug/l	95
82) 4-Chlorotoluene	11.51	91	392040	18.494	ug/l	99
83) tert-Butylbenzene	11.76	119	419603	19.115	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	432113	19.129	ug/l	99
85) sec-Butylbenzene	11.94	105	492513	19.005	ug/l	100
86) p-Isopropyltoluene	12.06	119	450764	19.016	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	231364	17.901	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	232969	17.728	ug/l	99
89) n-Butylbenzene	12.39	91	378338	18.705	ug/l	100
90) Hexachloroethane	12.59	117	78717	18.488	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	234209	18.002	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37409	18.192	ug/l	95

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX1216WBSD01

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	152782	18.067	ug/l	100
94) Hexachlorobutadiene	13.78	225	74640	18.366	ug/l	97
95) Naphthalene	13.83	128	458435	18.452	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	150935	18.081	ug/l	98

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

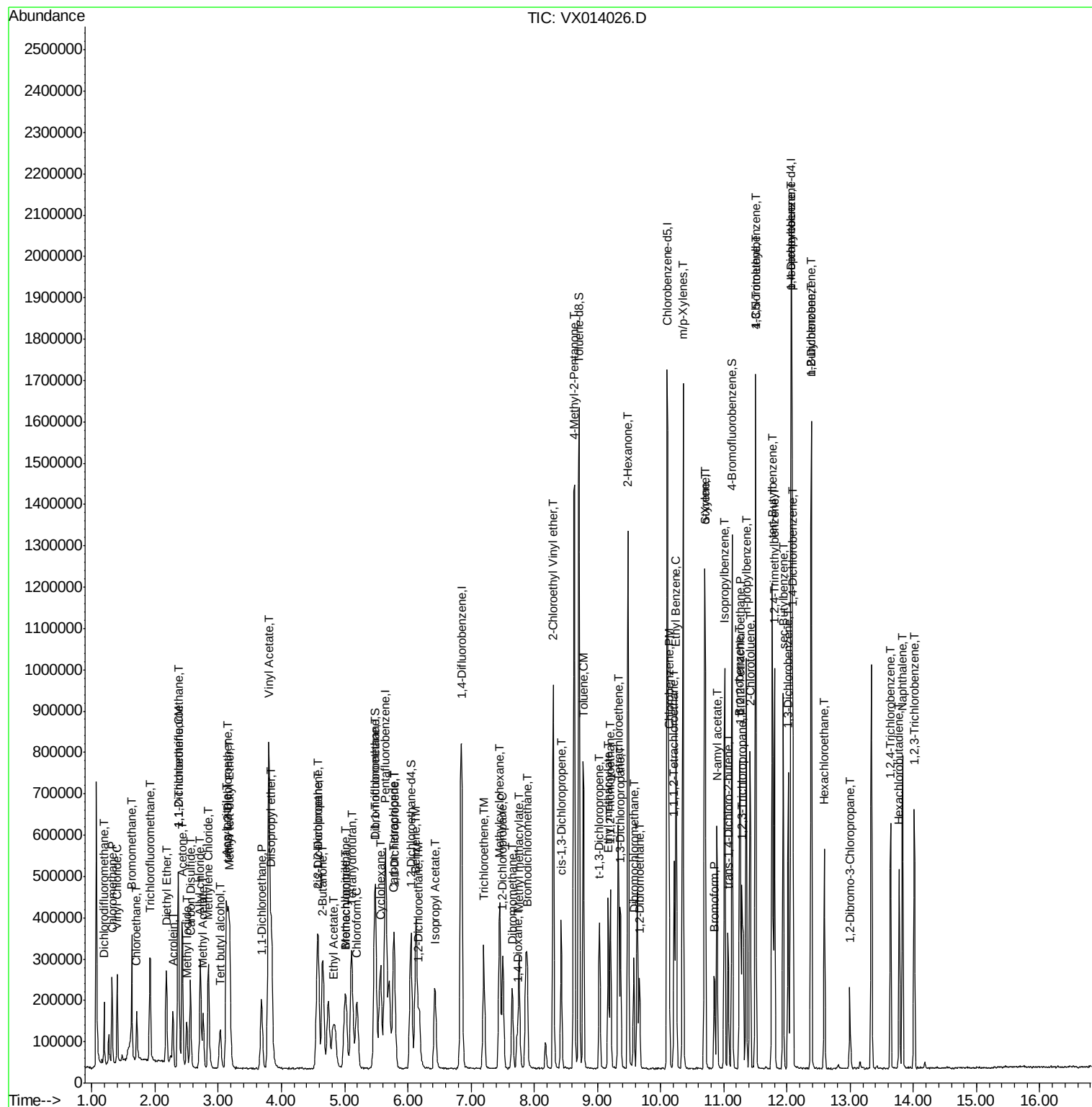
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121619\
 Data File : VX014026.D
 Acq On : 16 Dec 2019 11:44
 Operator : JC/SP
 Sample : VX1216WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

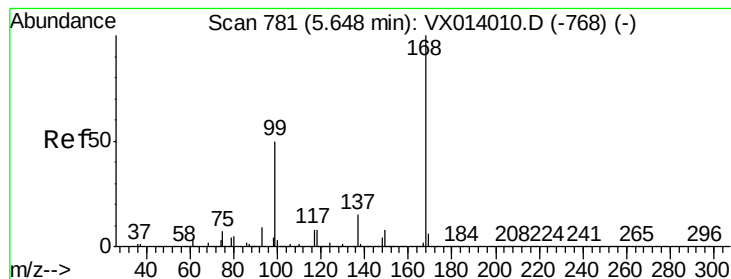
Instrument :
 MSVOA_X
 ClientSampleID :
 VX1216WBSD01

Manual Integrations
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#1

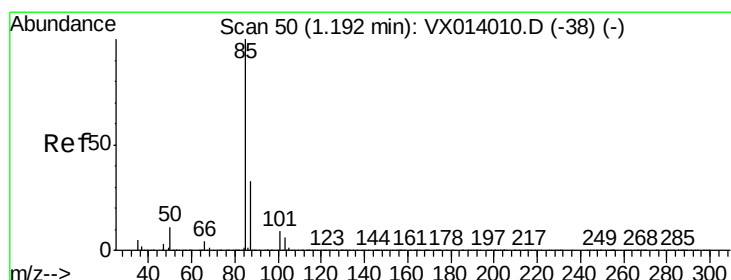
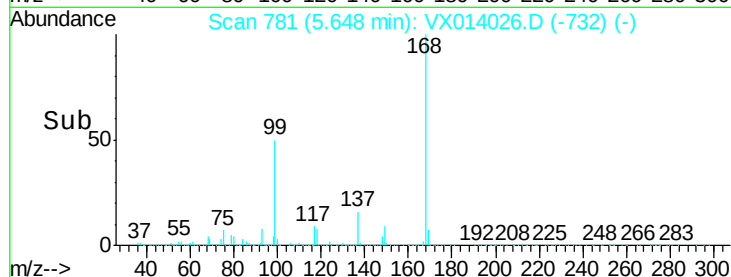
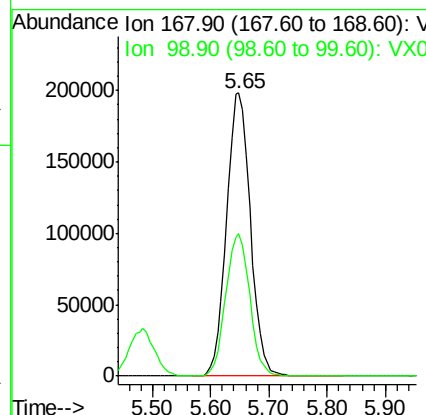
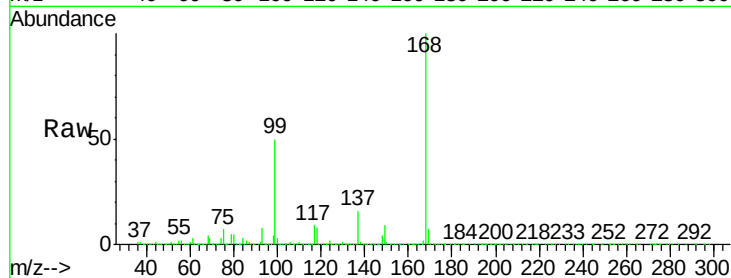
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	562535		
99	50.4		40.3	60.5

Manual Integrations
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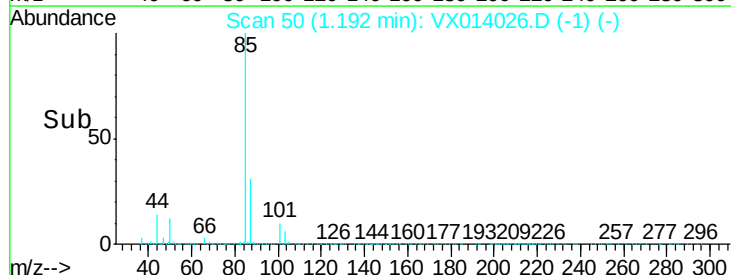
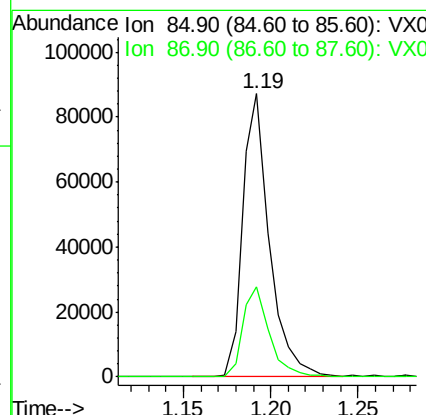
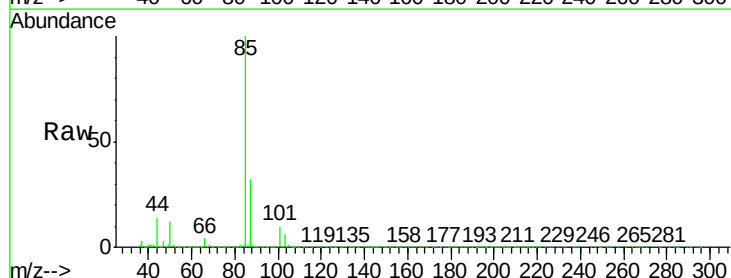
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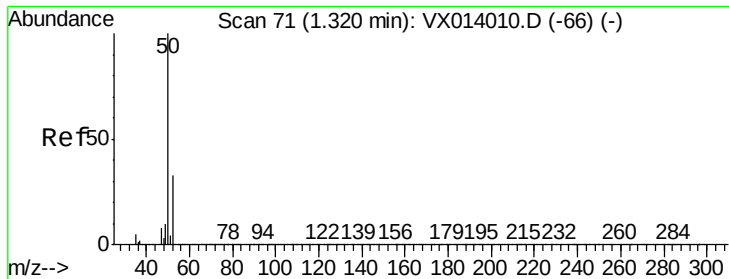


#2

Dichlorodifluoromethane
Concen: 18.232 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	91753		
87	31.3		16.4	49.2





#3

Chloromethane

Concen: 18.458 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

Tot Ion: 50 Resp: 124665

Ion Ratio Lower Upper

50 100

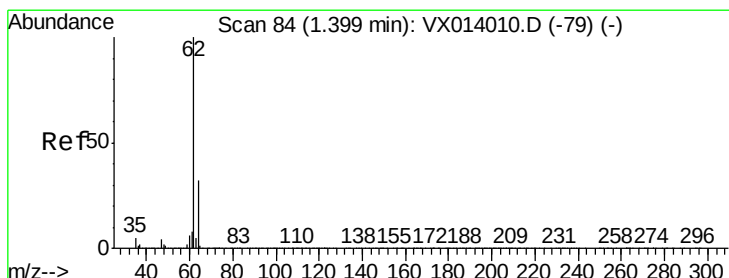
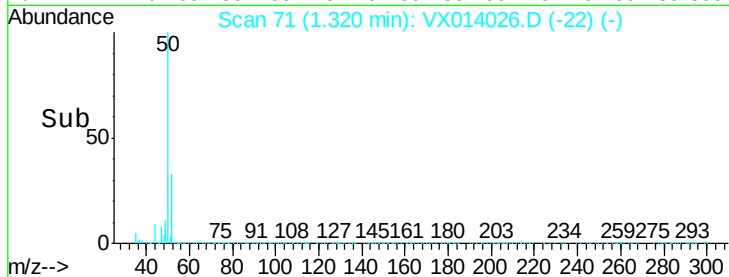
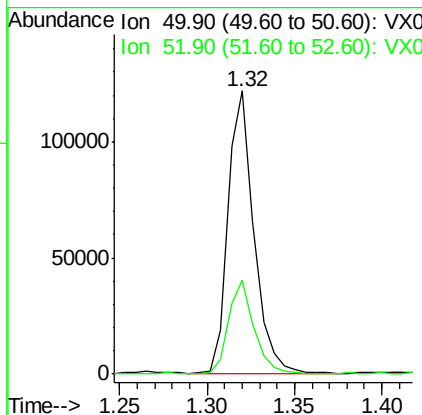
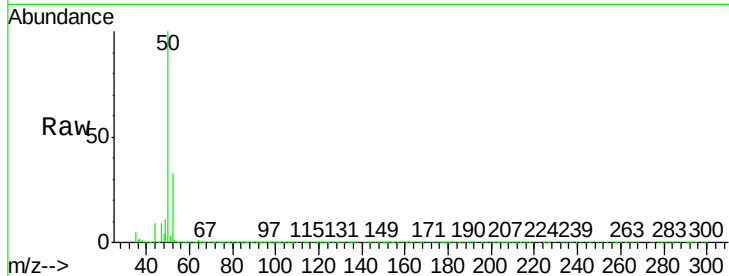
52 33.3 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.089 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014026.D

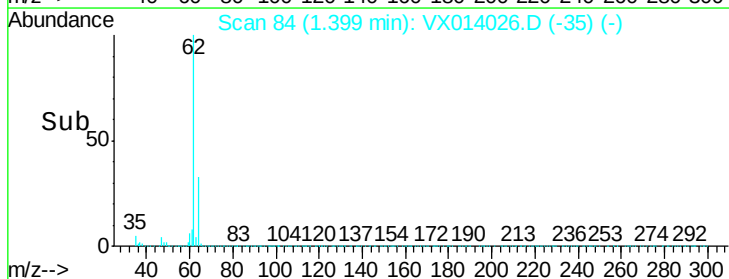
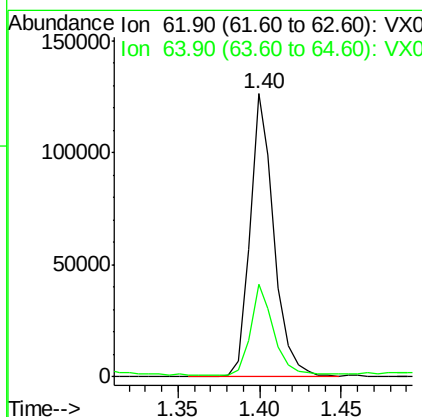
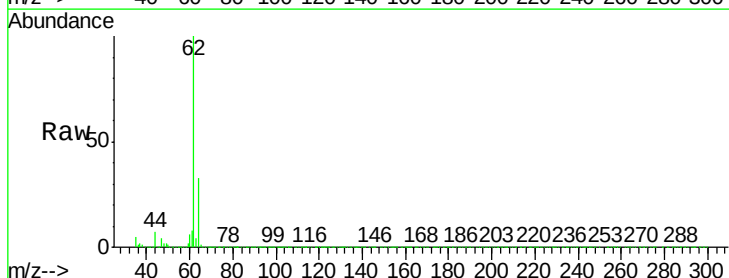
Acq: 16 Dec 2019 11:44

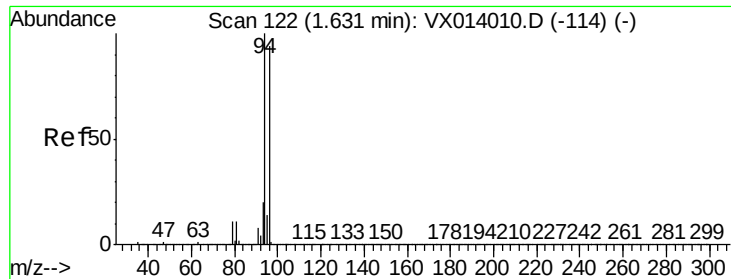
Tgt Ion: 62 Resp: 128912

Ion Ratio Lower Upper

62 100

64 32.5 25.7 38.5





#5

Bromomethane

Concen: 16.905 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

Tot Ion: 94 Resp: 85504

Ion Ratio Lower Upper

94 100

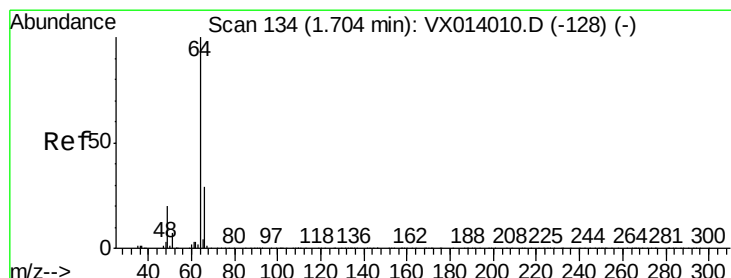
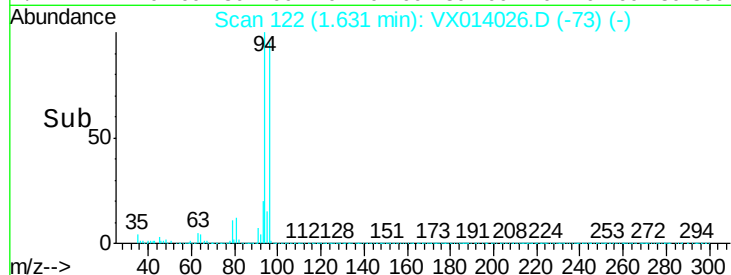
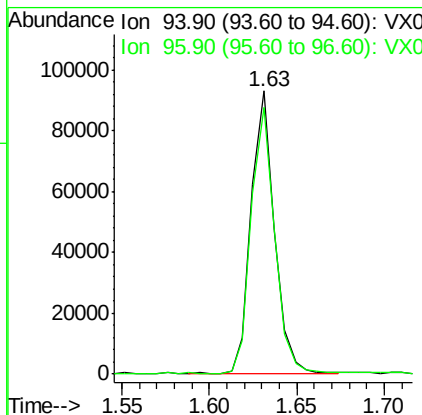
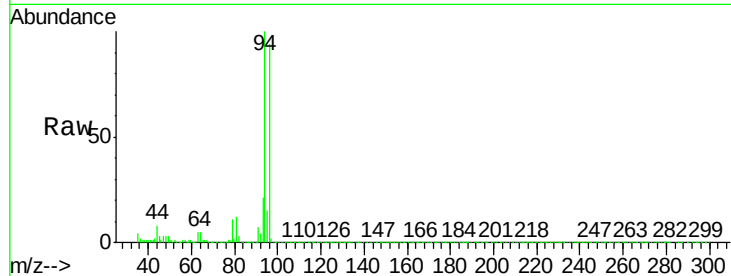
96 94.3 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 18.605 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX014026.D

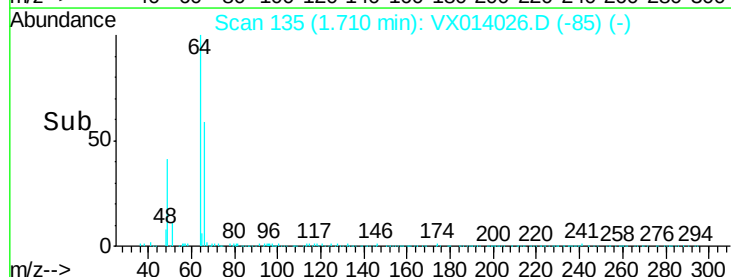
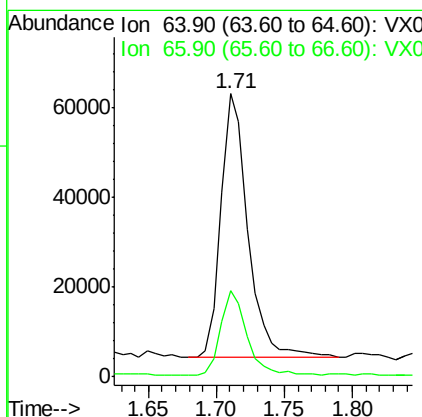
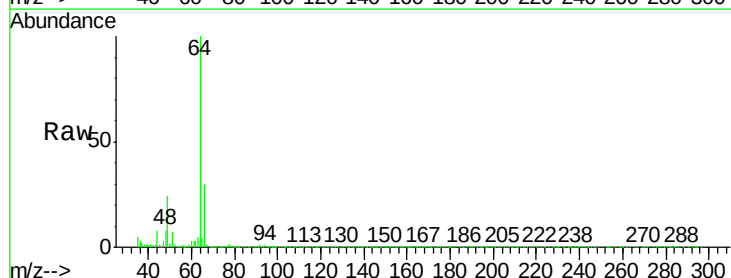
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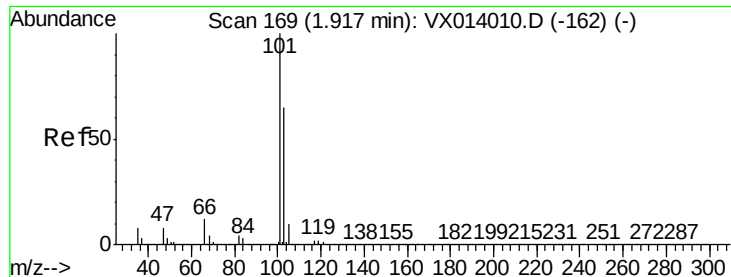
Tgt Ion: 64 Resp: 81834

Ion Ratio Lower Upper

64 100

66 31.9 23.4 35.2





#7

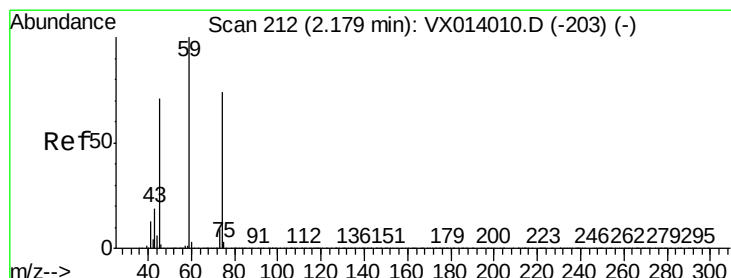
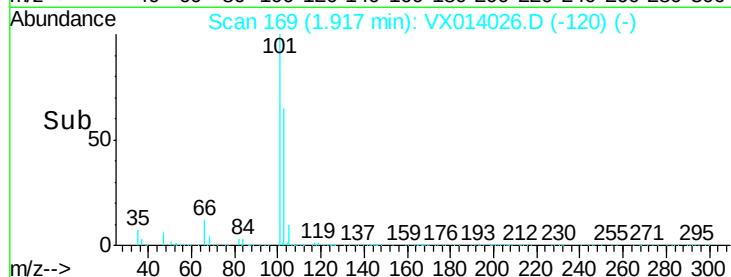
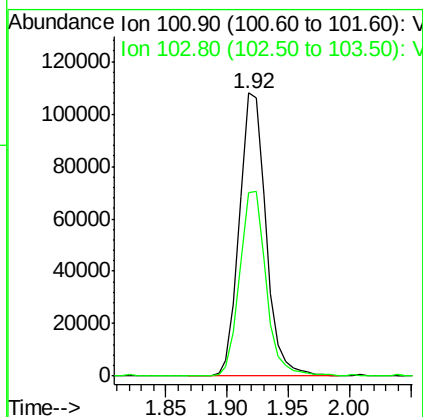
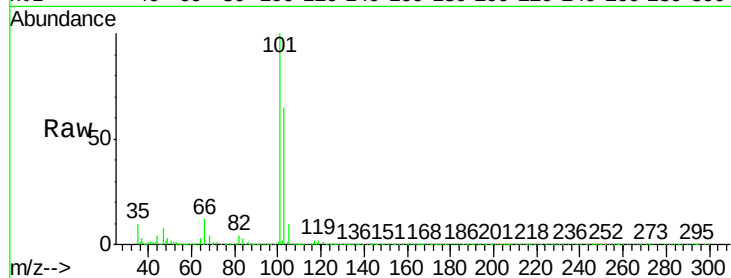
Trichlorofluoromethane
Concen: 18.288 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.2	78.4

Manual Integrations
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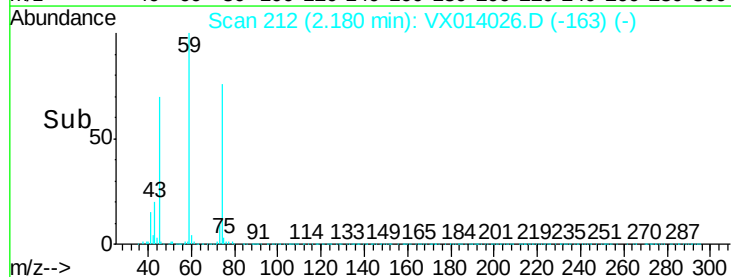
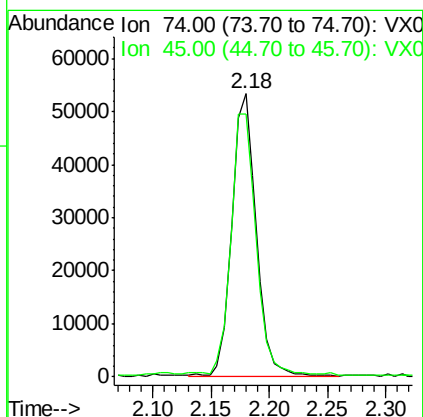
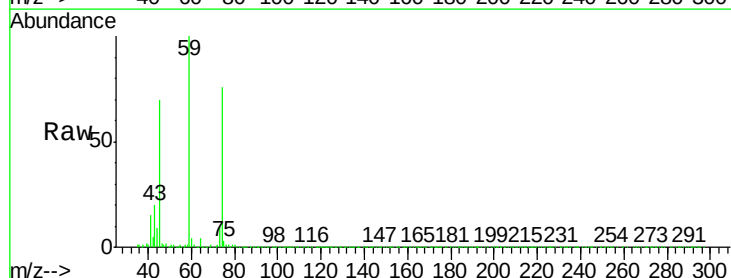
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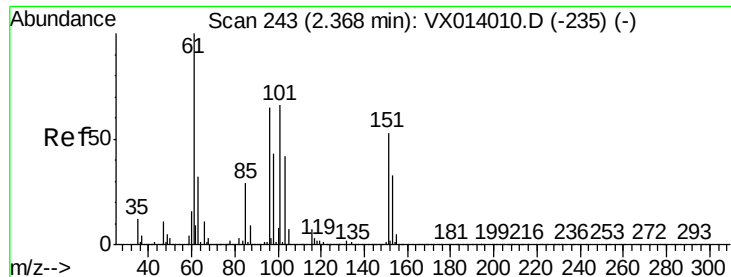


#8

Diethyl Ether
Concen: 18.598 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.6	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.561 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

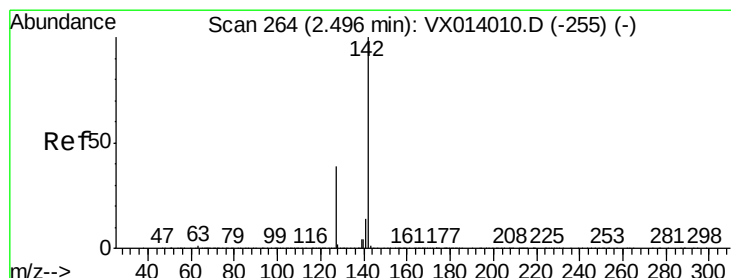
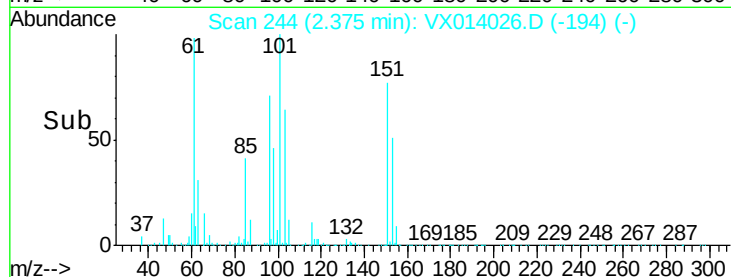
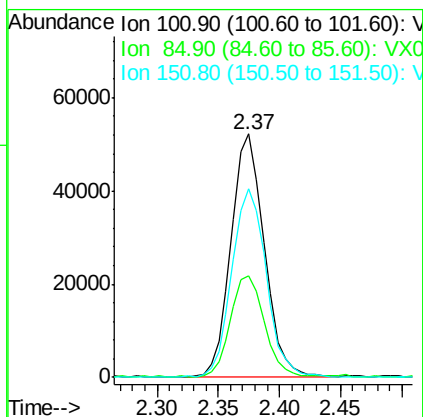
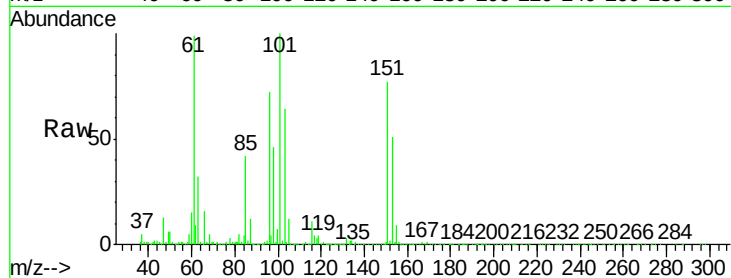
ClientSampleId :

VX1216WBSD01

Tot Ion:	101	Resp:	98705
Ion Ratio	Lower	Upper	
101	100		
85	43.1	33.7	50.5
151	79.7	64.5	96.7

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#10

Methyl Iodide

Concen: 19.279 ug/l

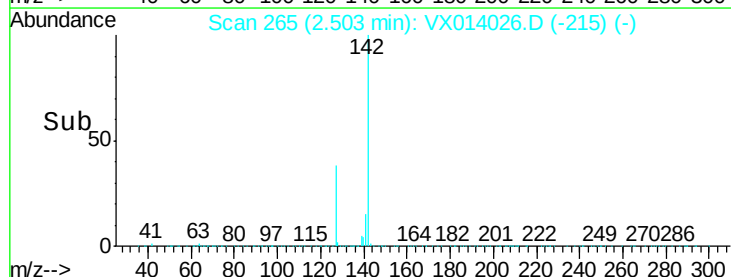
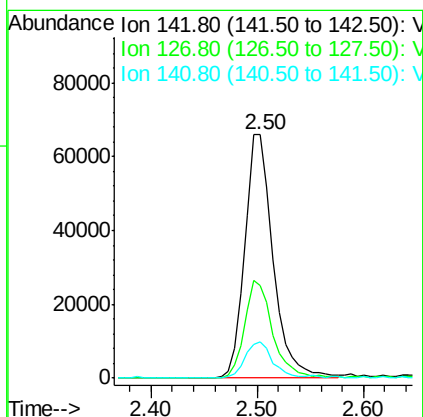
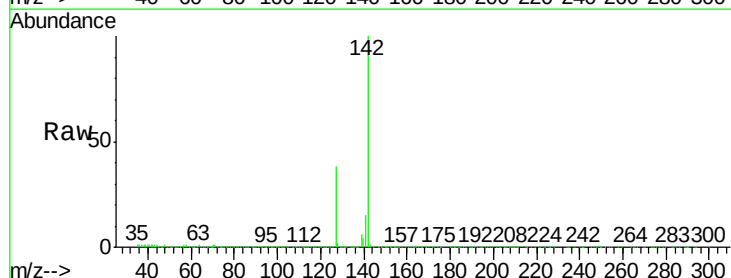
RT: 2.50 min Scan# 265

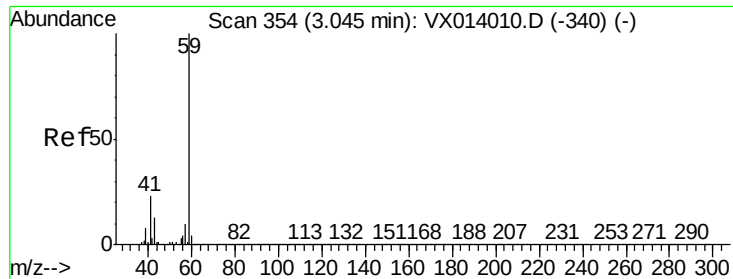
Delta R.T. 0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Tgt Ion:	142	Resp:	123283
Ion Ratio	Lower	Upper	
142	100		
127	39.6	31.6	47.4
141	14.4	11.6	17.4





#11

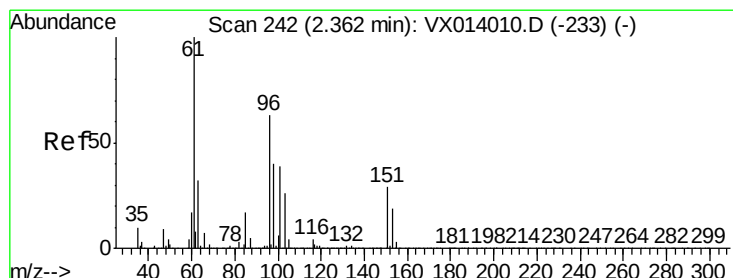
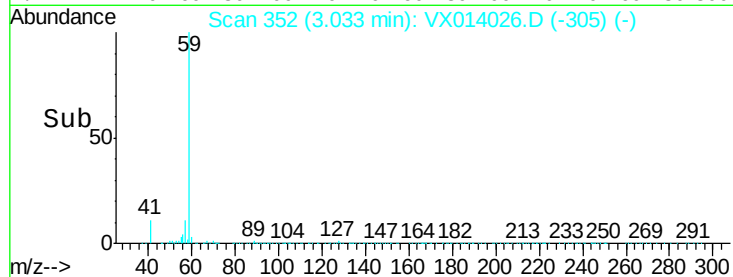
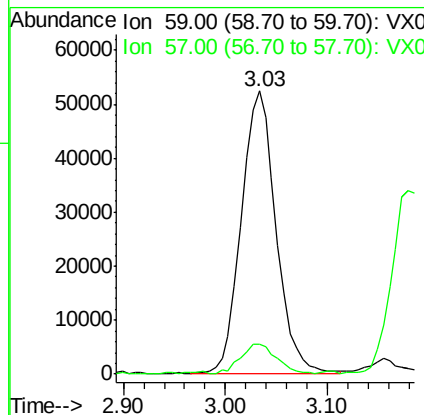
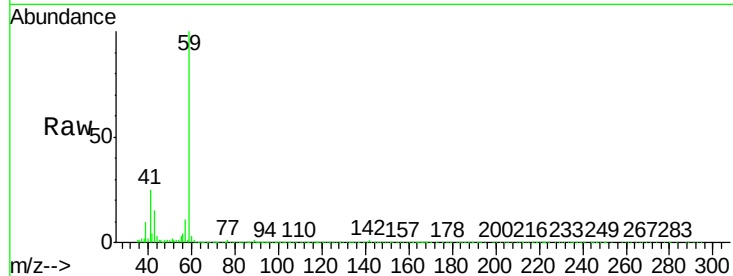
Tert butyl alcohol
Concen: 90.233 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.4	12.6

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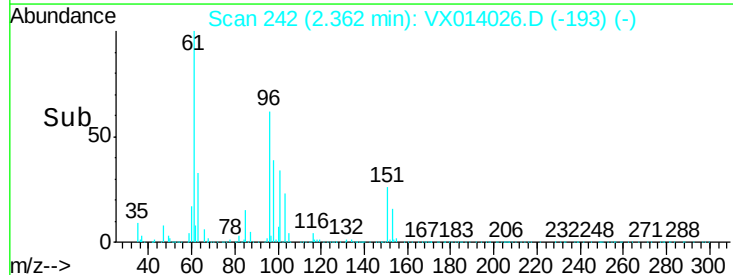
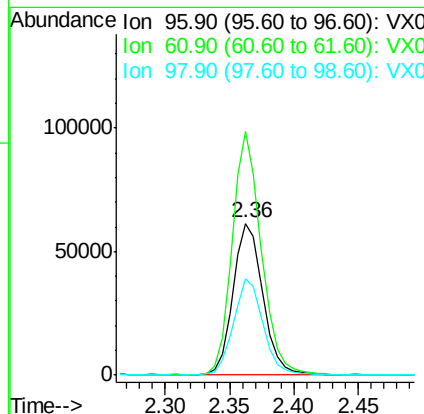
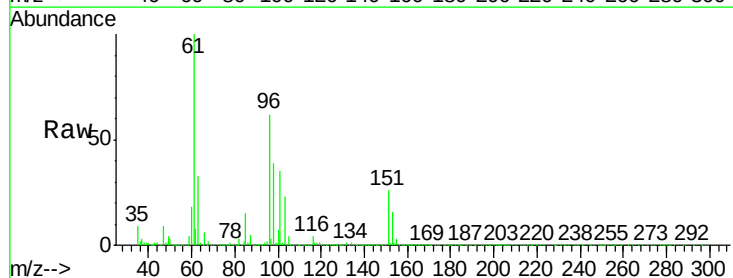
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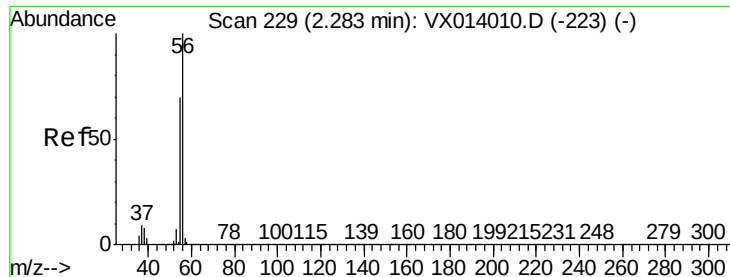


#12

1,1-Dichloroethene
Concen: 18.378 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.2	127.9	191.9
98	63.0	50.5	75.7





#13

Acrolein

Concen: 125.101 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

Tot Ion: 56 Resp: 98653

Ion Ratio Lower Upper

56 100

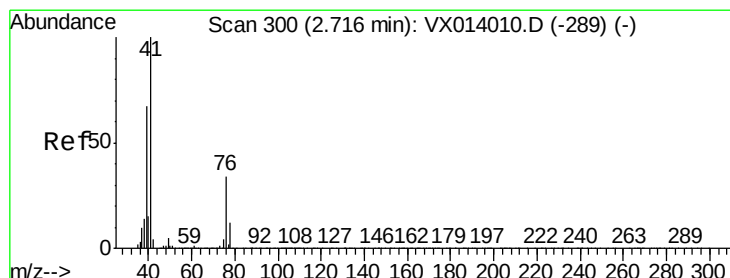
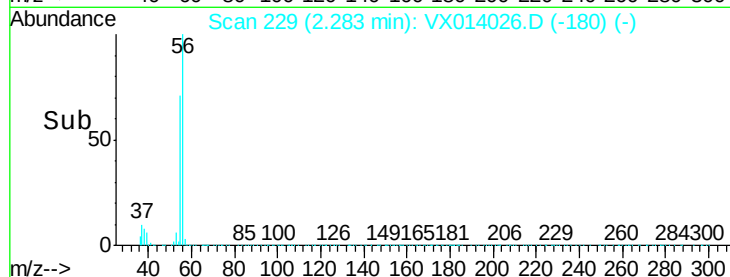
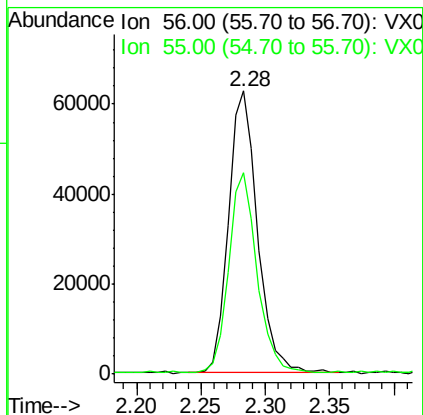
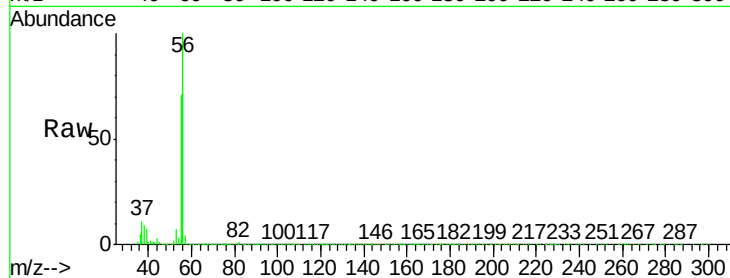
55 68.9 56.9 85.3

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#14

Allyl chloride

Concen: 18.395 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

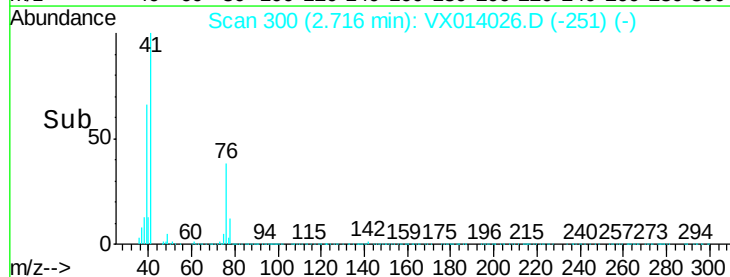
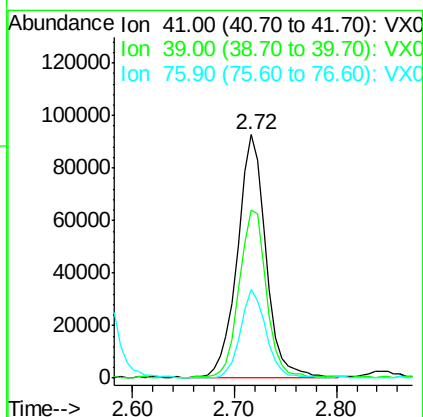
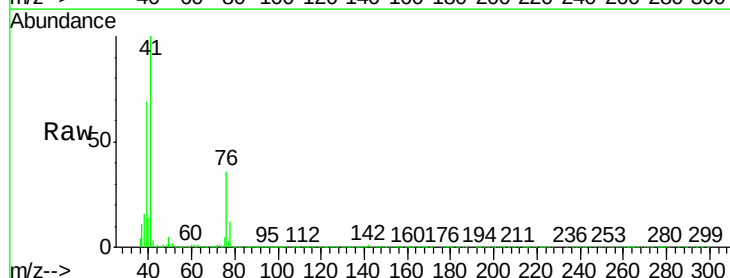
Tgt Ion: 41 Resp: 177726

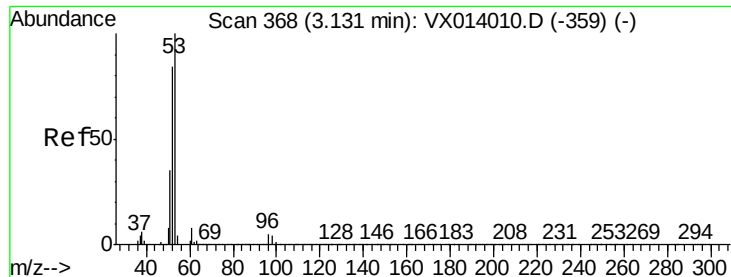
Ion Ratio Lower Upper

41 100

39 66.3 51.8 77.8

76 32.7 25.9 38.9





#15

Acrylonitrile

Concen: 94.292 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

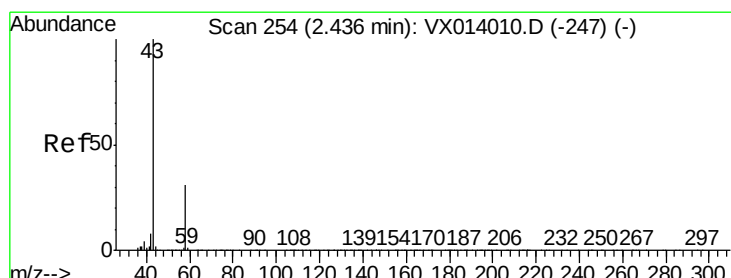
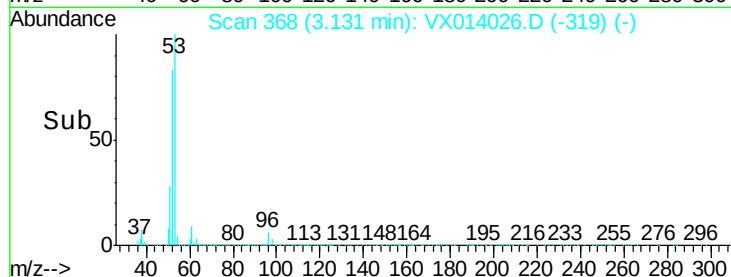
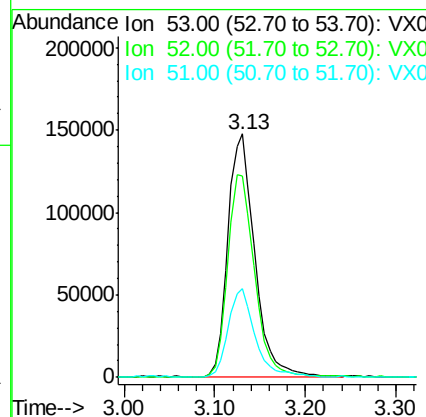
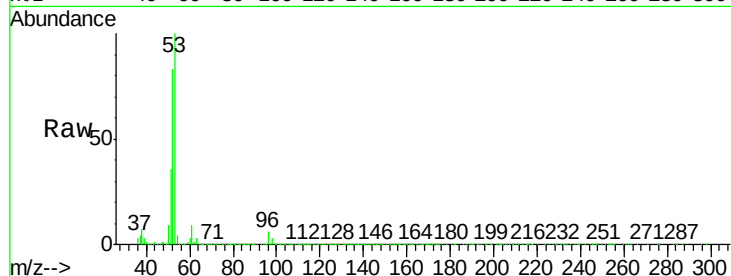
ClientSampleId :

VX1216WBSD01

Tot Ion:	53	Resp:	303190
Ion Ratio		Lower	Upper
53	100		
52	84.1	66.5	99.7
51	37.0	28.1	42.1

Manual Integrations
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#16

Acetone

Concen: 89.185 ug/l

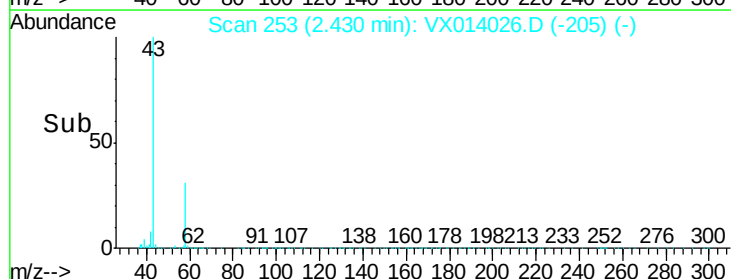
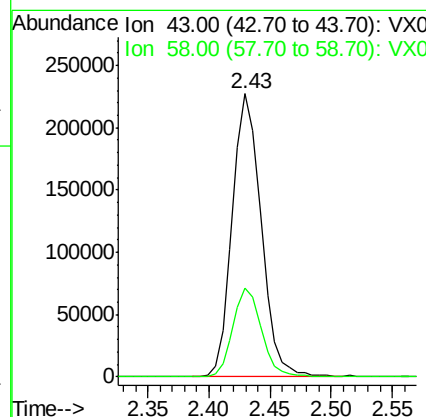
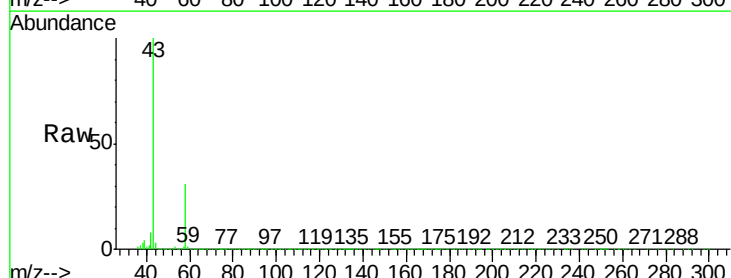
RT: 2.43 min Scan# 253

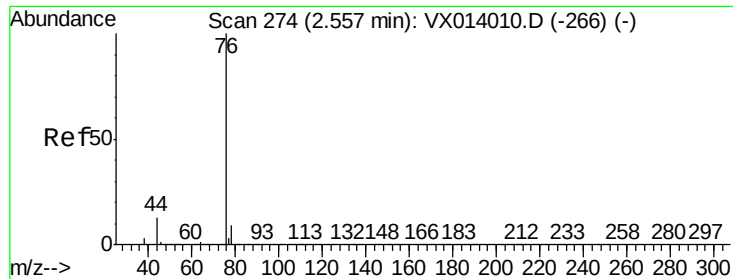
Delta R.T. -0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Tgt Ion:	43	Resp:	369147
Ion Ratio		Lower	Upper
43	100		
58	31.4	24.9	37.3





#17

Carbon Disulfide

Concen: 18.260 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

Tot Ion: 76 Resp: 267040

Ion Ratio Lower Upper

76 100

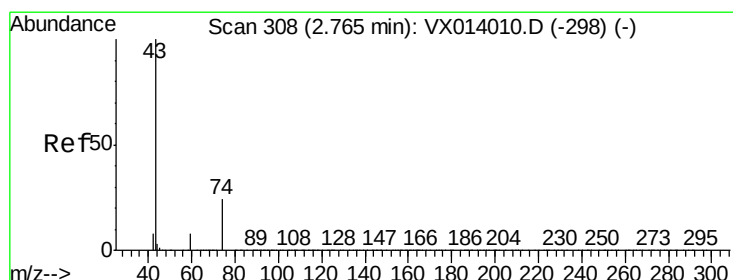
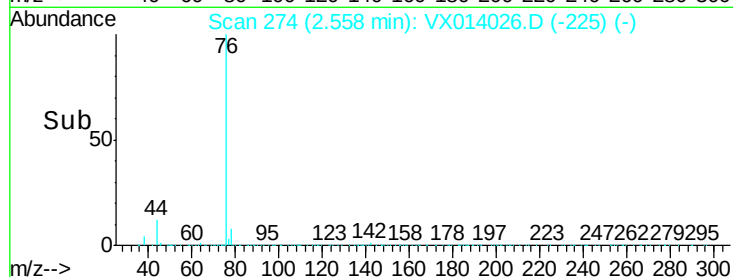
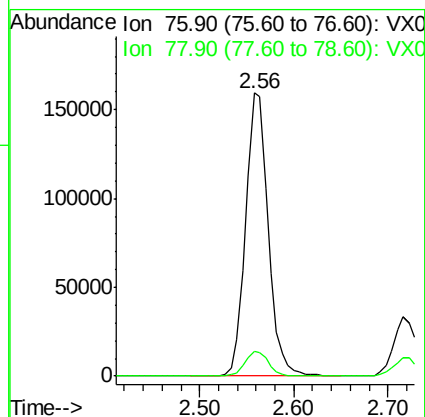
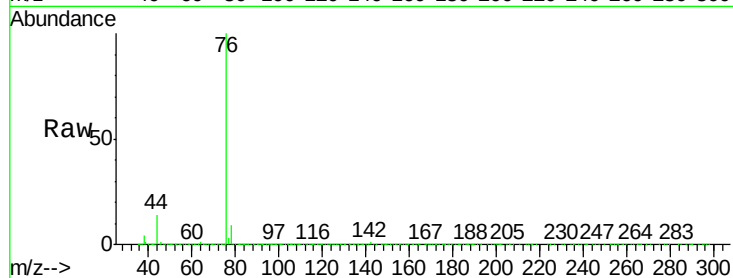
78 8.7 7.2 10.8

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#18

Methyl Acetate

Concen: 18.760 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014026.D

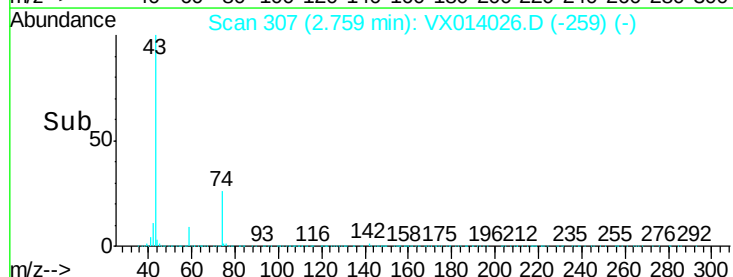
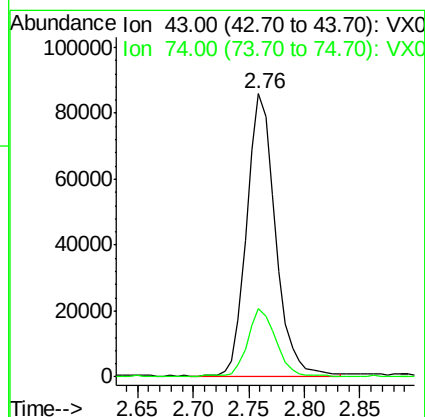
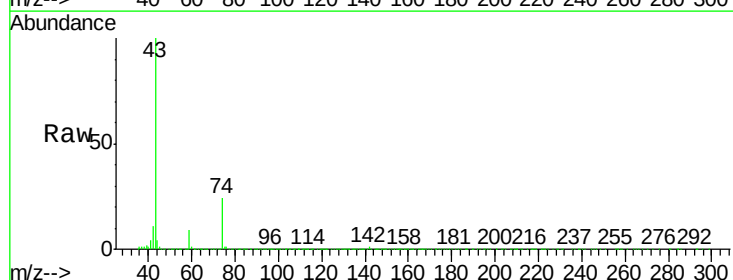
Acq: 16 Dec 2019 11:44

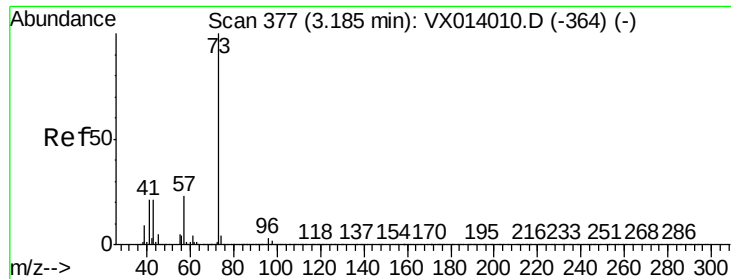
Tgt Ion: 43 Resp: 153866

Ion Ratio Lower Upper

43 100

74 23.9 19.5 29.3





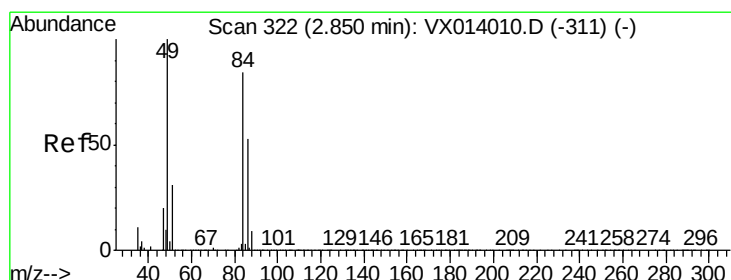
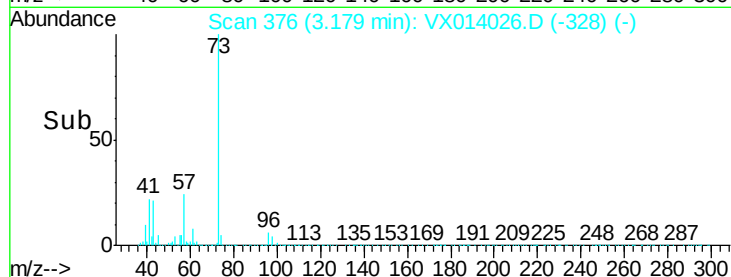
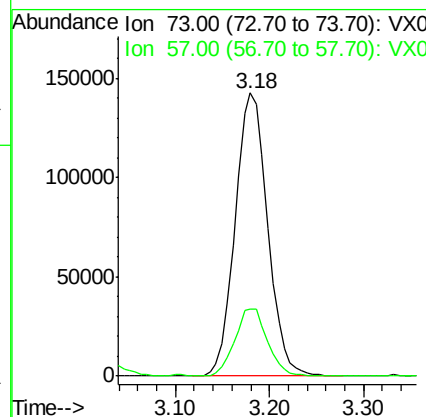
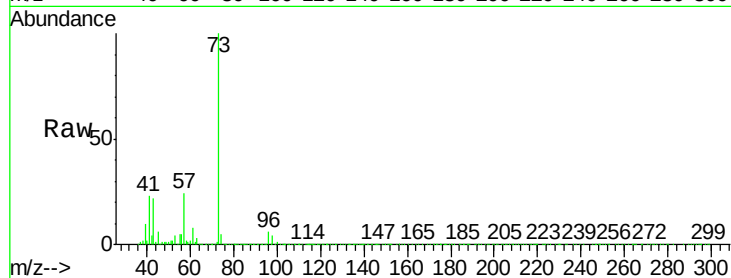
#19
Methyl tert-butyl Ether
Concen: 19.093 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.7	18.8	28.2

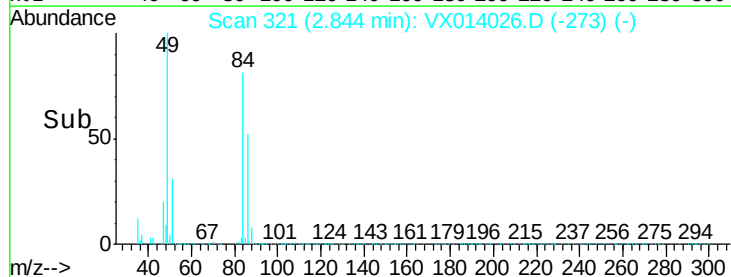
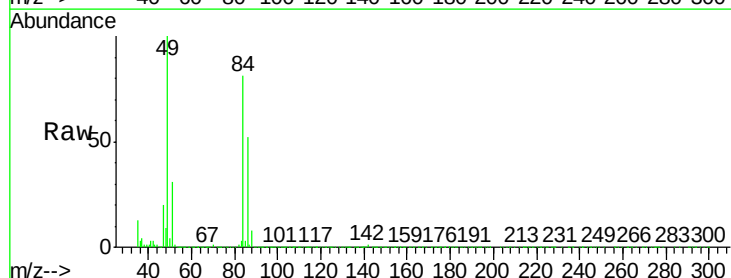
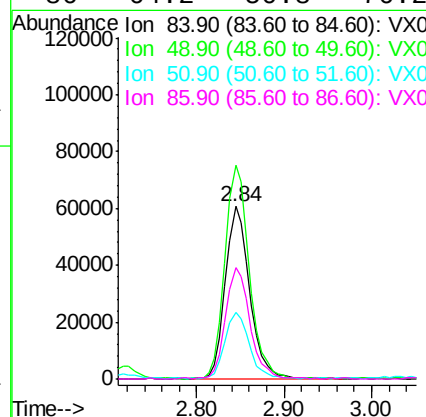
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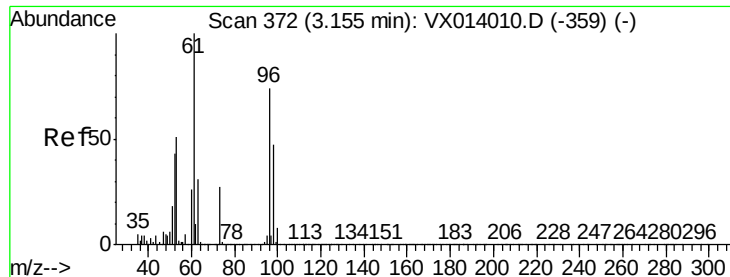
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#20
Methylene Chloride
Concen: 17.980 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.6	95.8	143.6
51	37.7	29.8	44.8
86	64.2	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 17.719 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

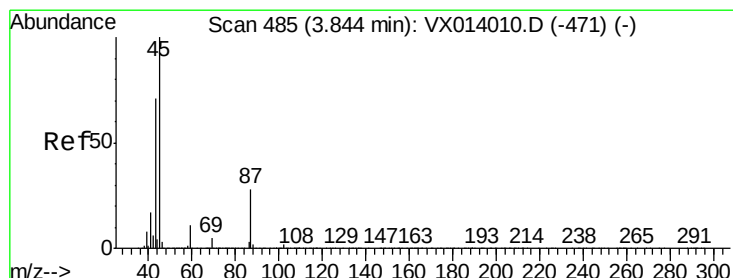
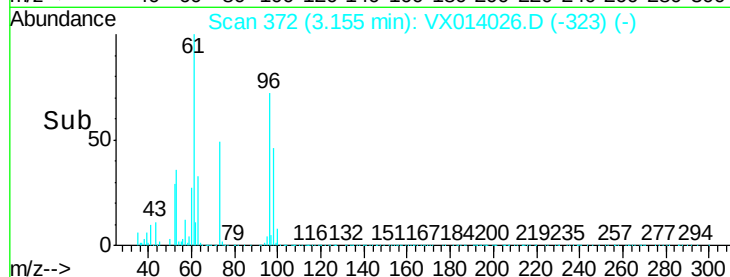
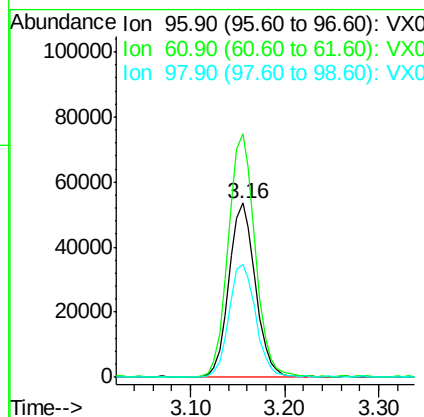
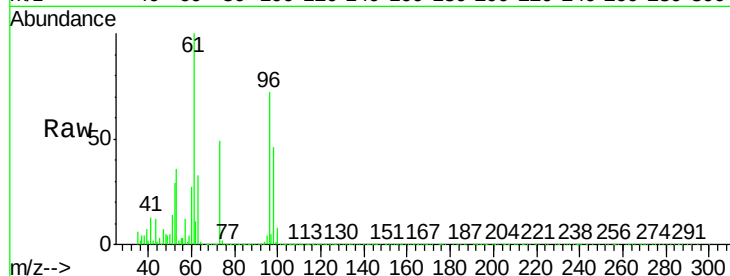
ClientSampleId :

VX1216WBSD01

Tot Ion:	96	Resp:	105633
Ion Ratio	Lower	Upper	
96	100		
61	139.1	108.3	162.5
98	64.1	50.8	76.2

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#22

Diisopropyl ether

Concen: 19.198 ug/l

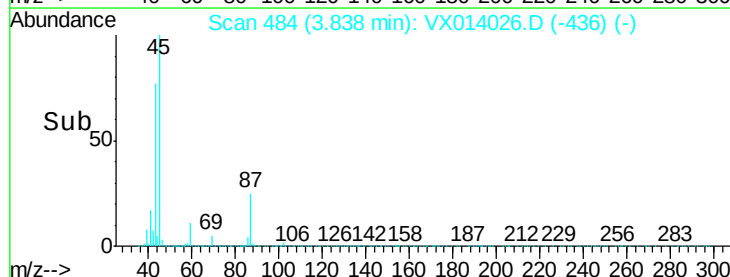
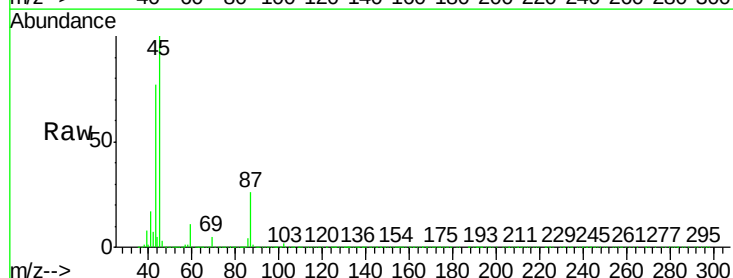
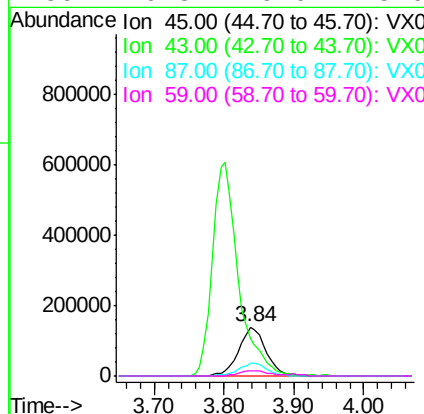
RT: 3.84 min Scan# 484

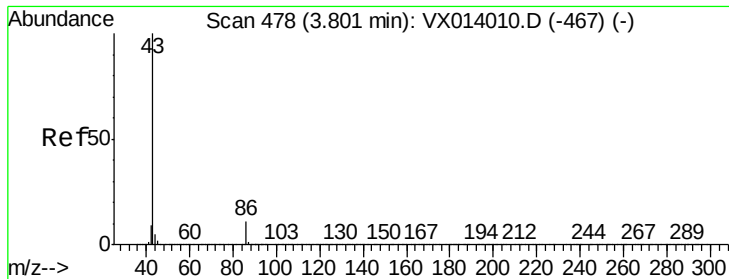
Delta R.T. -0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Tgt Ion:	45	Resp:	369627
Ion Ratio	Lower	Upper	
45	100		
43	76.2	57.4	86.0
87	25.5	21.9	32.9
59	10.8	9.0	13.6





#23

Vinyl Acetate

Concen: 99.544 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

Tot Ion: 43 Resp: 1564001

Ion Ratio Lower Upper

43 100

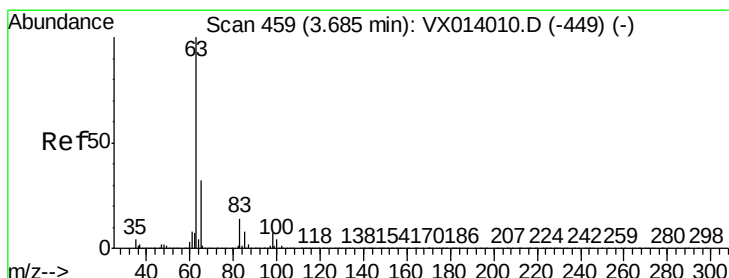
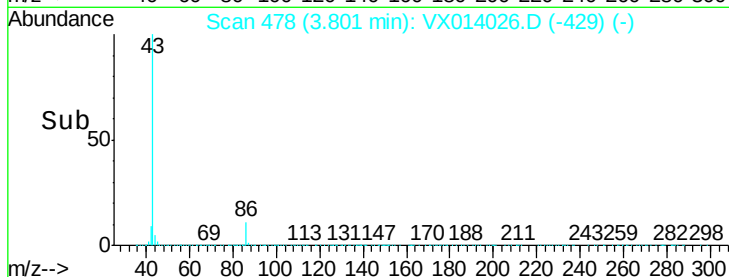
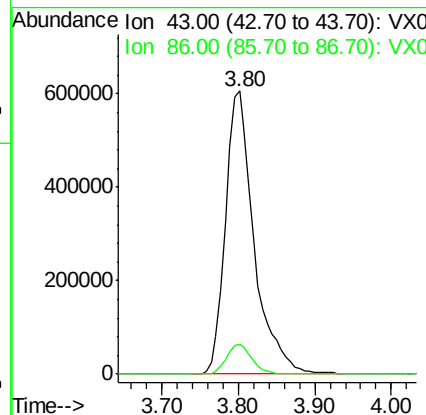
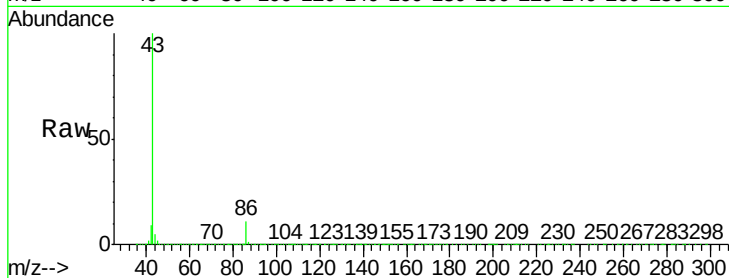
86 10.7 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 18.071 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

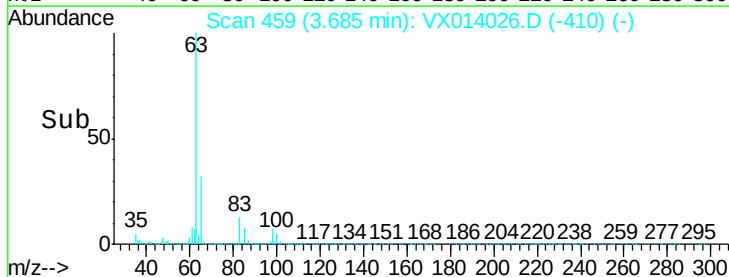
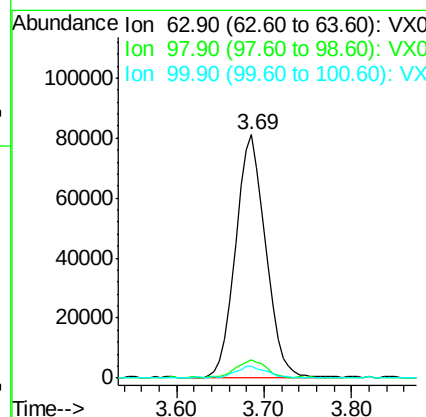
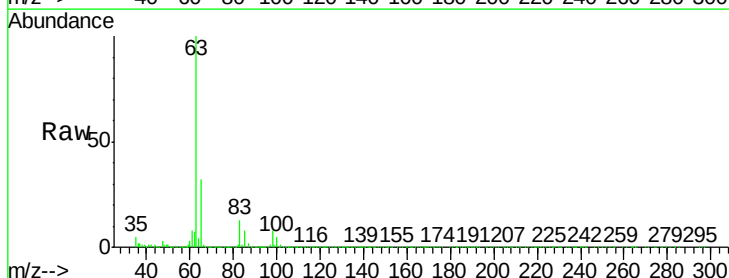
Tgt Ion: 63 Resp: 193568

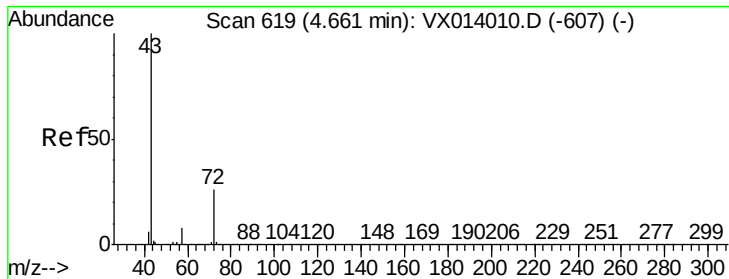
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.8 2.3 6.8





#25

2-Butanone

Concen: 91.594 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

Tot Ion: 43 Resp: 467407

Ion Ratio Lower Upper

43 100

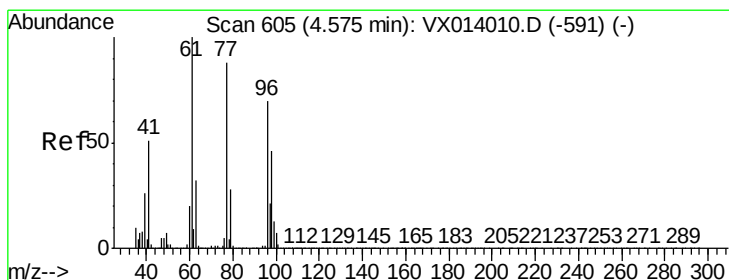
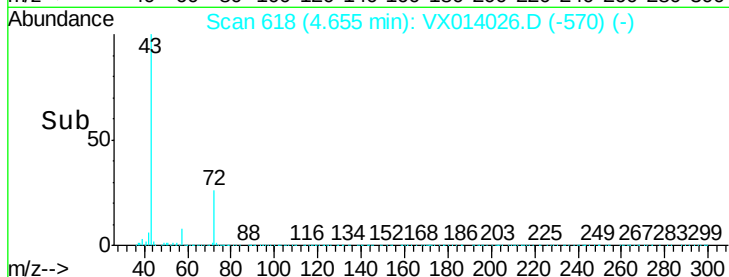
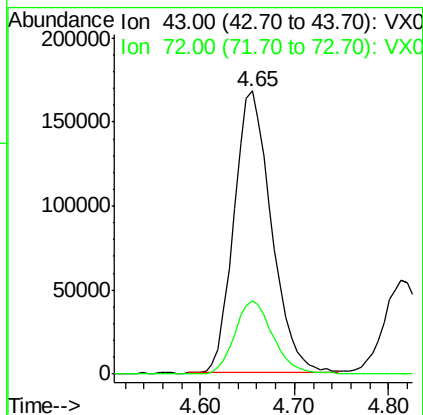
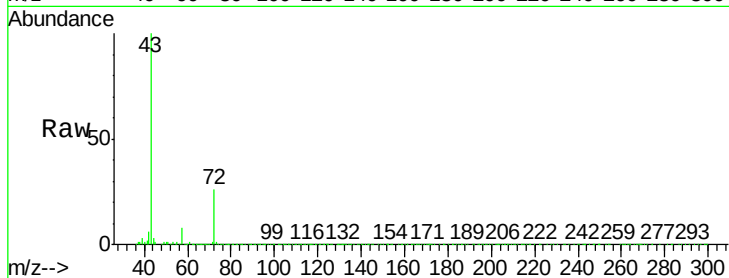
72 25.7 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 18.522 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014026.D

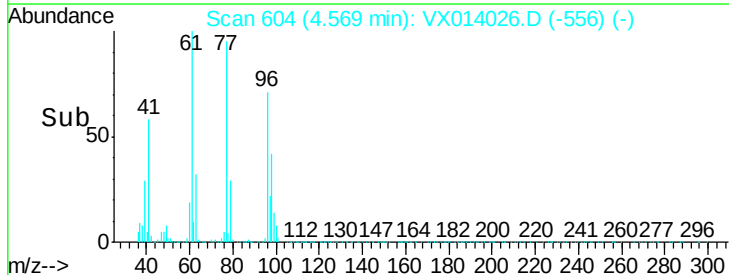
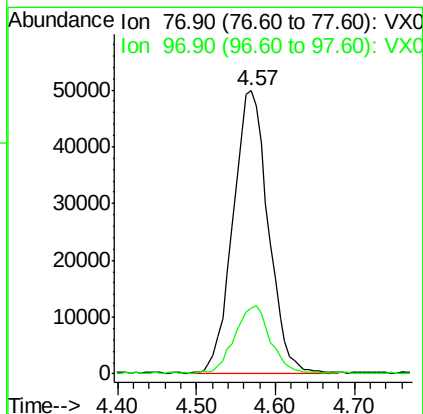
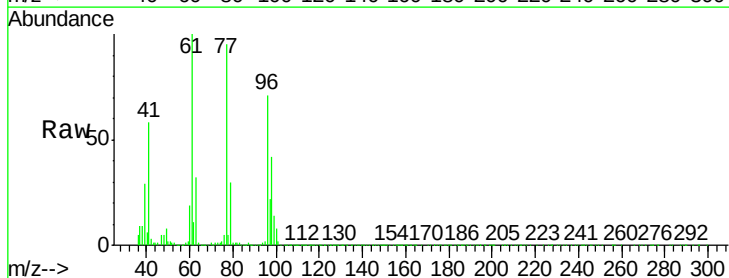
Acq: 16 Dec 2019 11:44

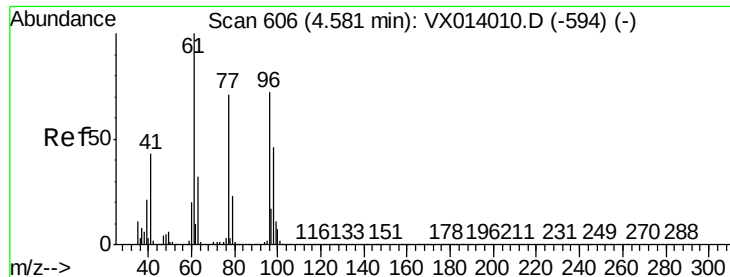
Tgt Ion: 77 Resp: 154041

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.9





#27

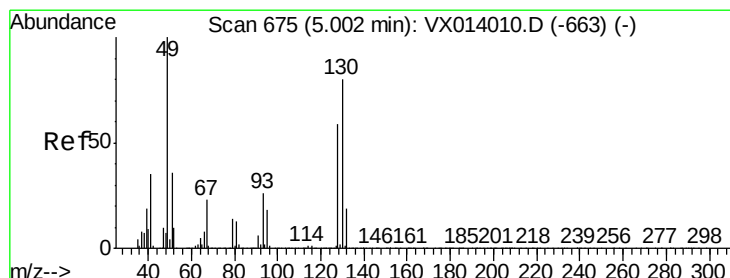
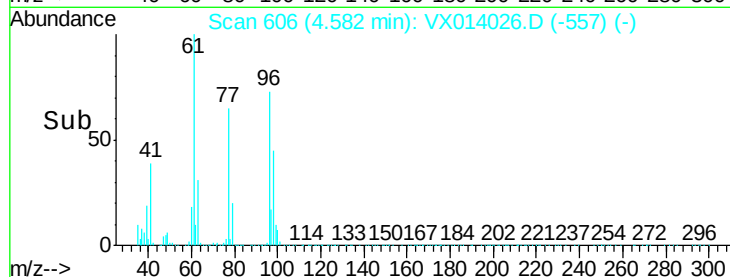
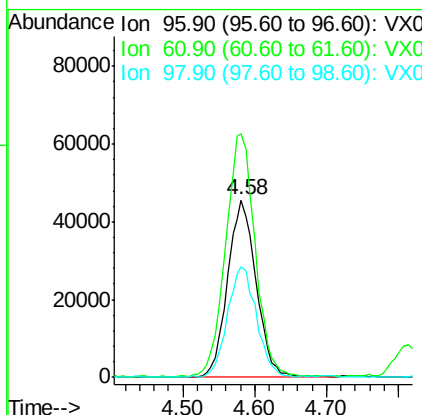
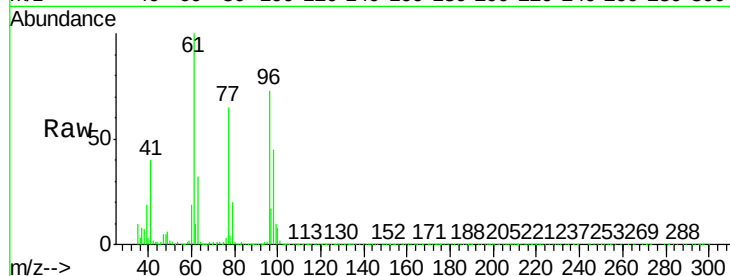
cis-1,2-Dichloroethene
Concen: 18.694 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	126036		
61	140.7	0.0	288.4	
98	63.6	0.0	129.6	

Manual Integrations
APPROVED

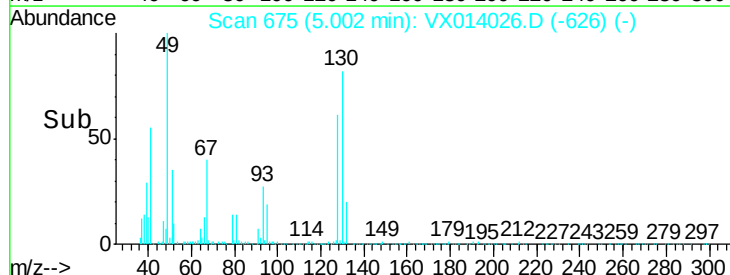
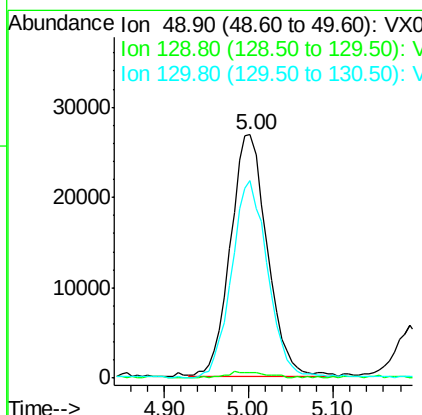
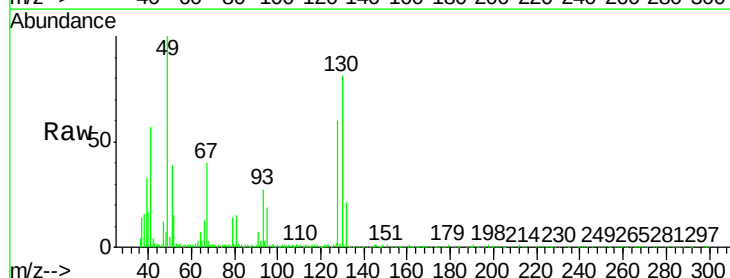
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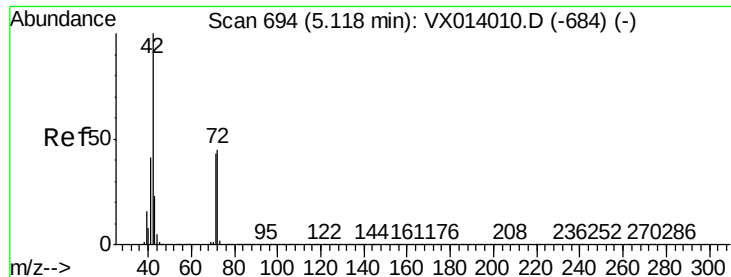


#28

Bromochloromethane
Concen: 19.435 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	78910		
129	1.7	0.0	5.0	
130	79.7	64.6	97.0	





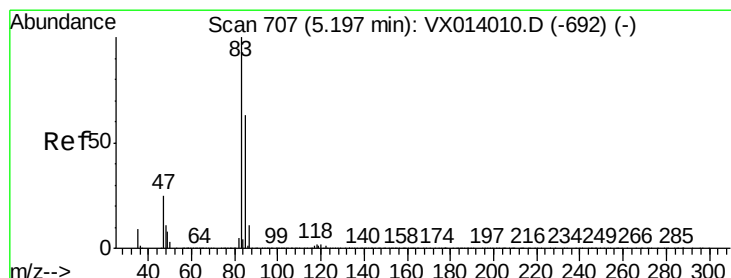
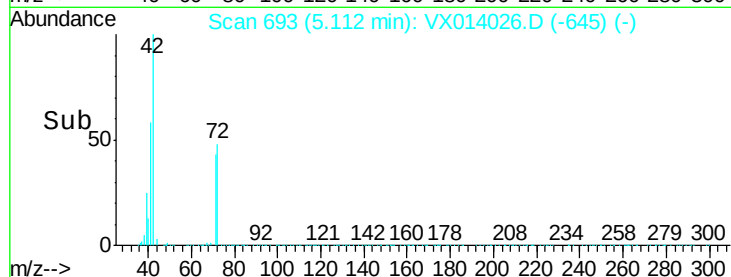
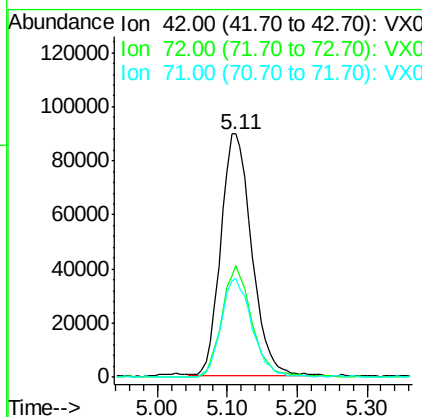
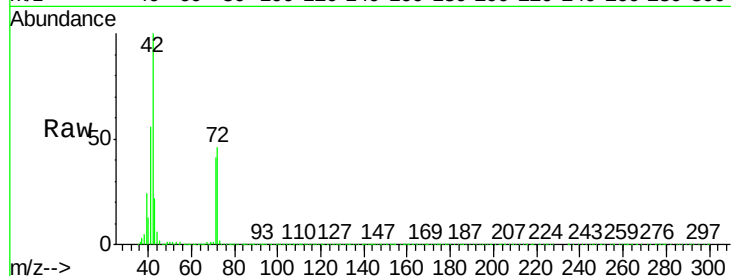
#29
Tetrahydrofuran
Concen: 96.196 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.0	35.8	53.8
71	41.1	33.6	50.4

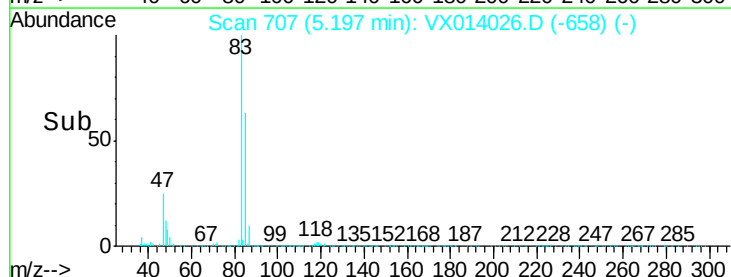
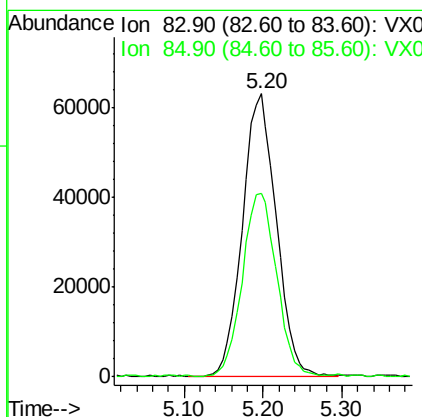
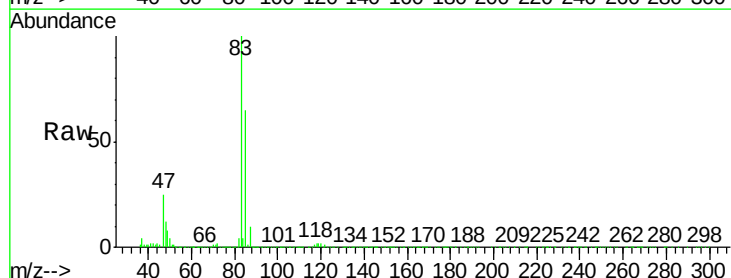
Manual Integrations
APPROVED

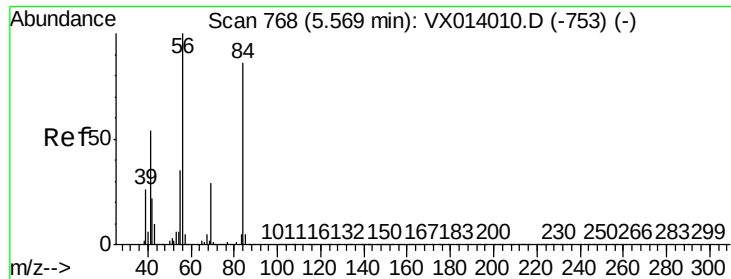
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#30
Chloroform
Concen: 18.471 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.8	76.2





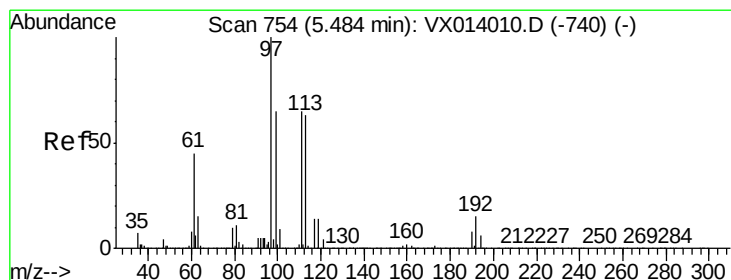
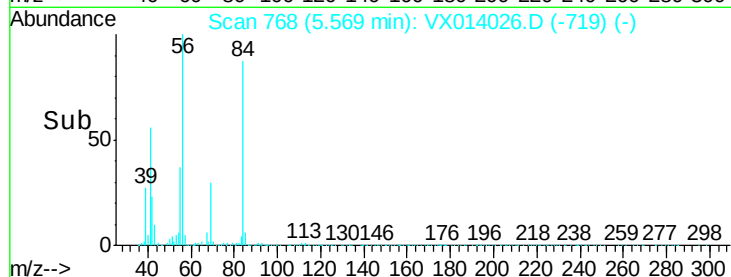
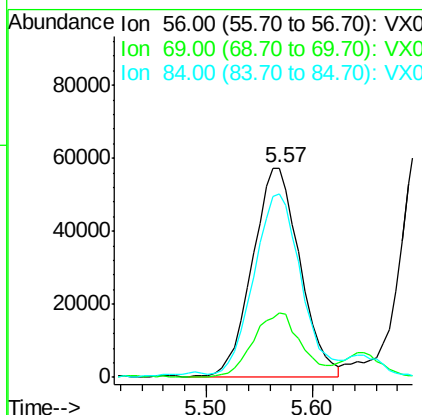
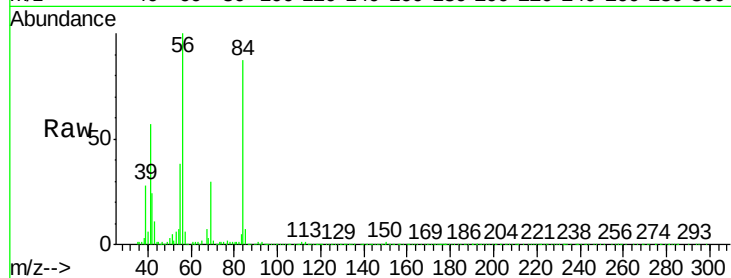
#31
Cyclohexane
Concen: 18.800 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.7	23.2	34.8
84	85.4	69.2	103.8

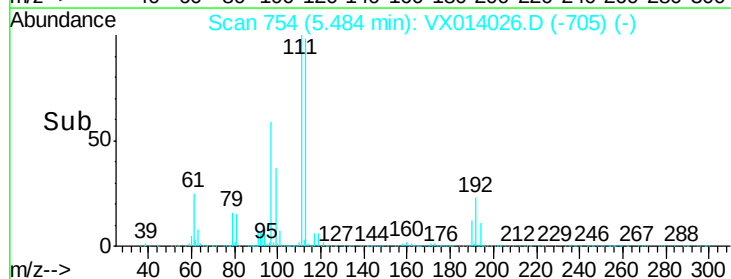
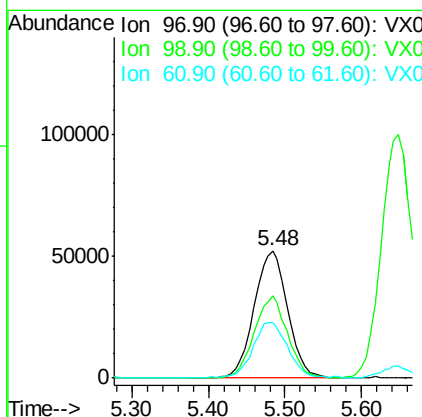
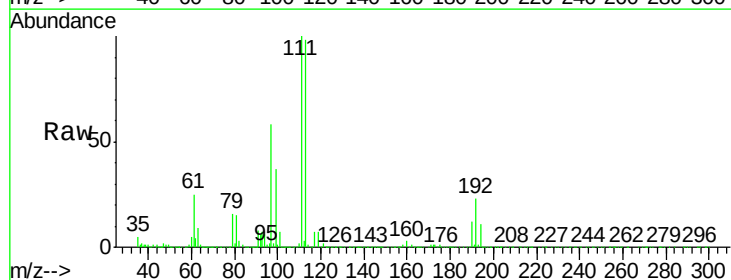
Manual Integrations
APPROVED

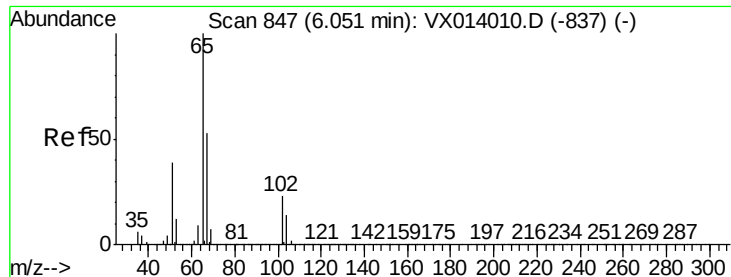
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#32
1,1,1-Trichloroethane
Concen: 18.350 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.0	78.0
61	45.4	36.7	55.1





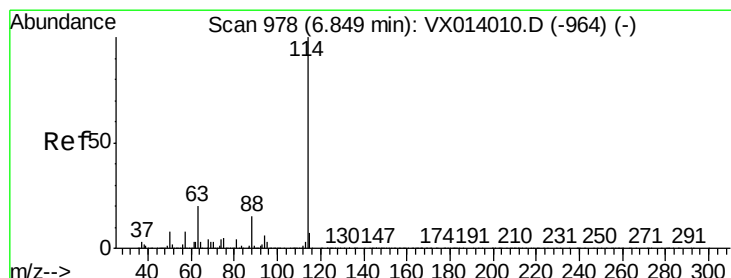
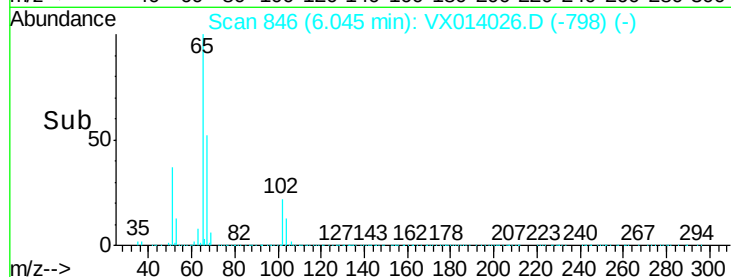
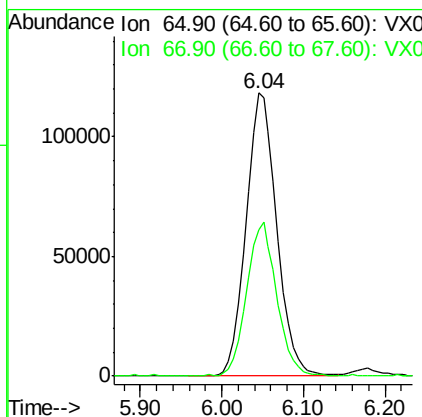
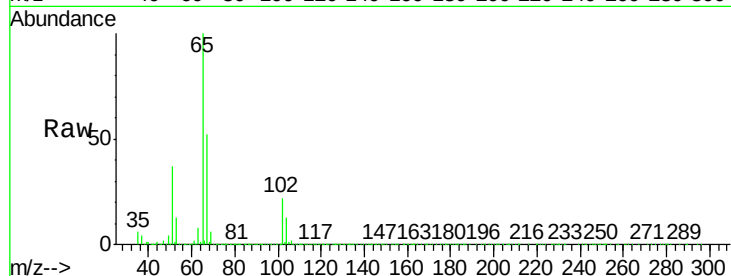
#33
 1,2-Dichloroethane-d4
 Concen: 48.693 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014026.D
 Acq: 16 Dec 2019 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	310445		
67	52.7	0.0	106.4	

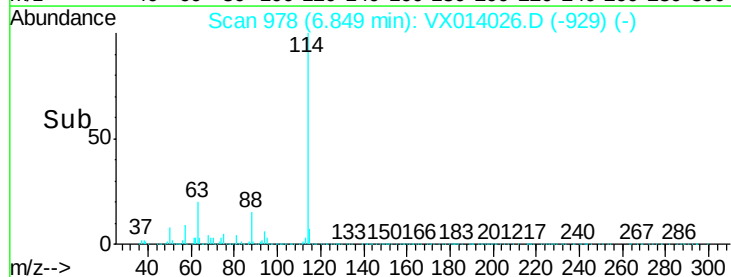
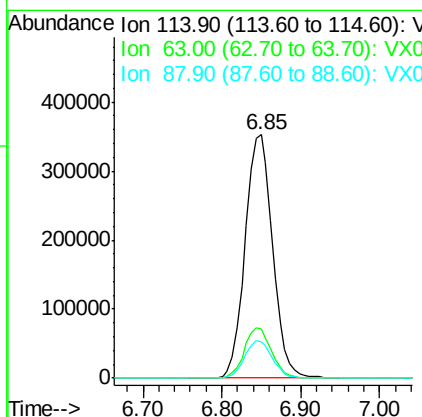
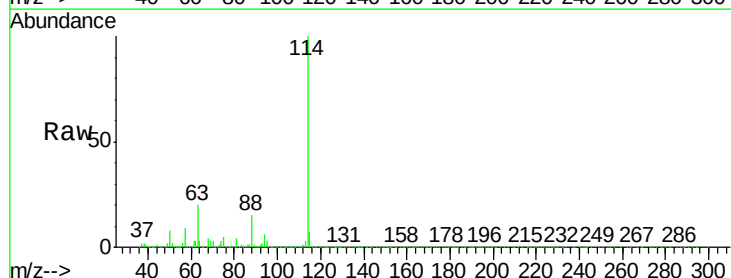
Manual Integrations
 APPROVED

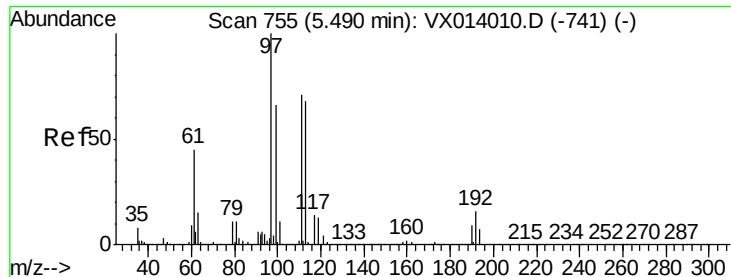
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014026.D
 Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	853779		
63	20.2	0.0	40.8	
88	15.0	0.0	30.4	





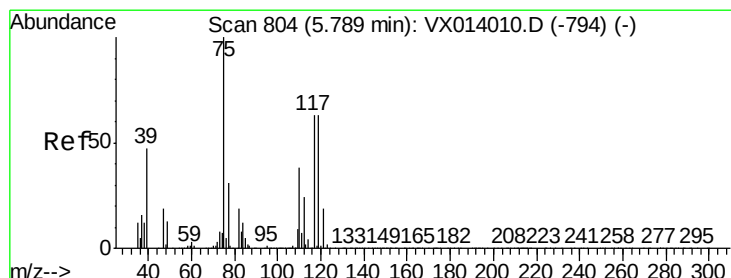
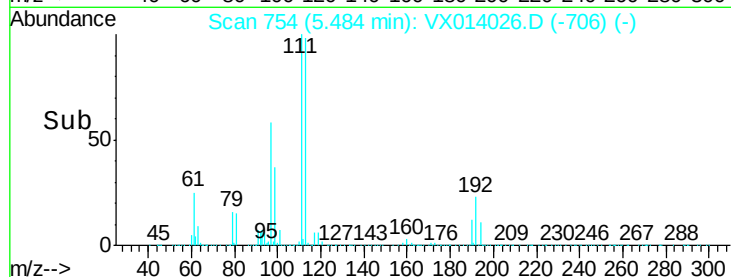
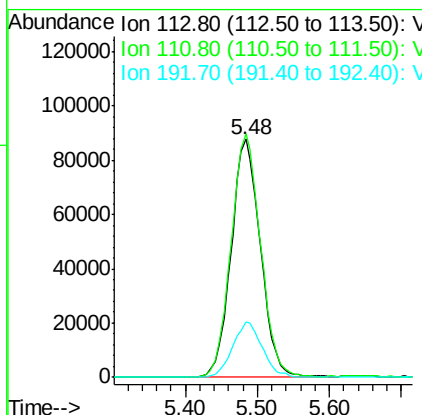
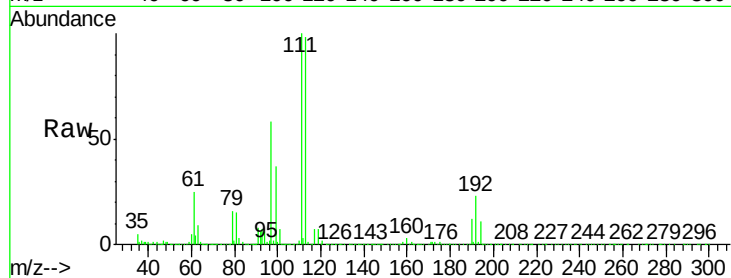
#35
Dibromofluoromethane
Concen: 47.438 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	246203		
111	103.6	82.0	123.0	
192	23.6	19.3	28.9	

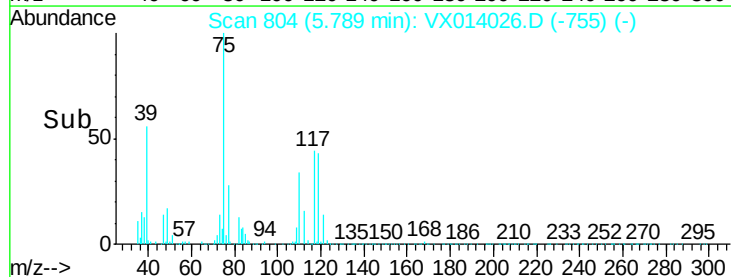
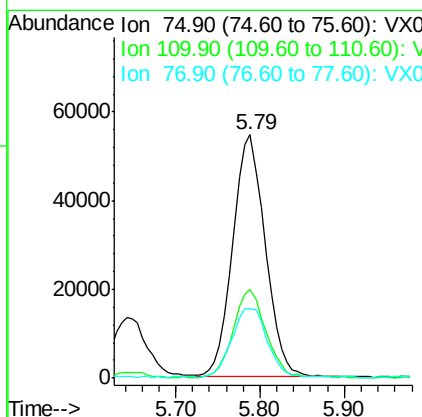
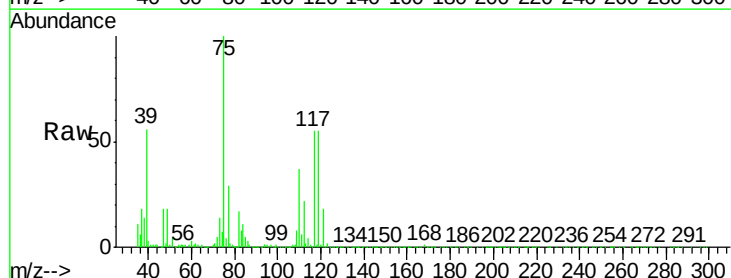
Manual Integrations
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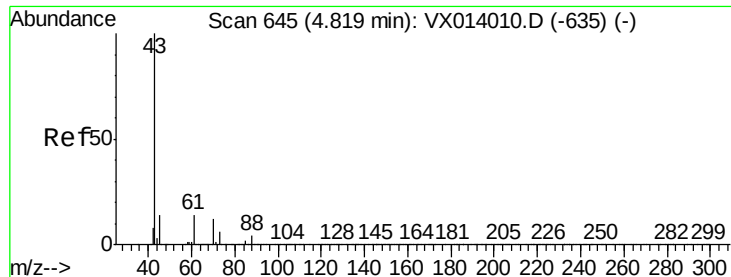
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#36
1,1-Dichloropropene
Concen: 18.251 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	142976		
110	36.3	18.3	54.9	
77	31.2	24.8	37.2	





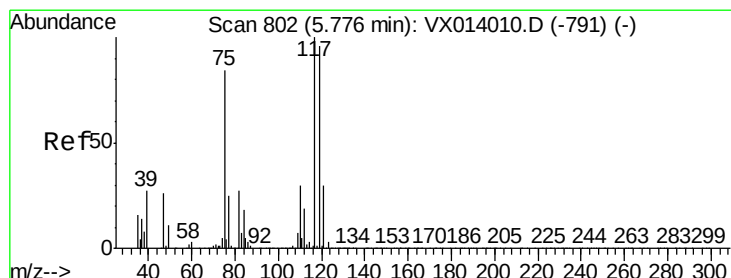
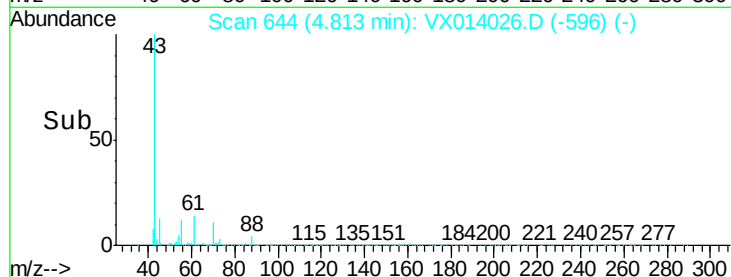
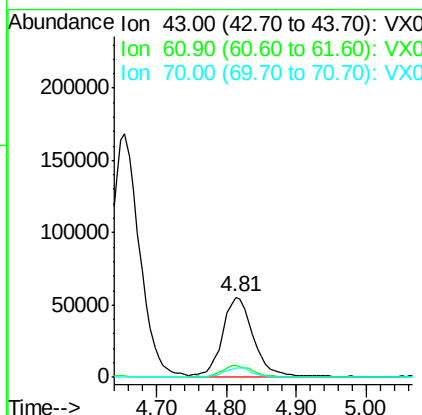
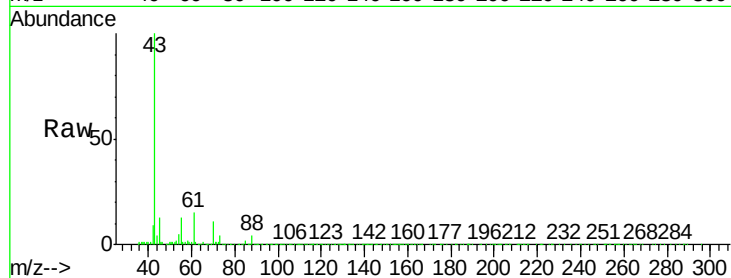
#37
Ethyl Acetate
Concen: 19.171 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tot Ion	43	Resp	165842
Ion Ratio	Lower	Upper	
43	100		
61	14.0	10.8	16.2
70	10.7	8.6	12.8

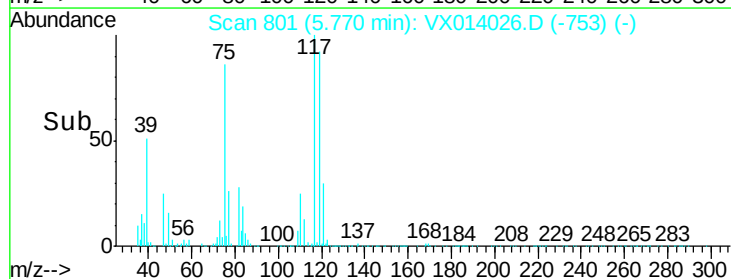
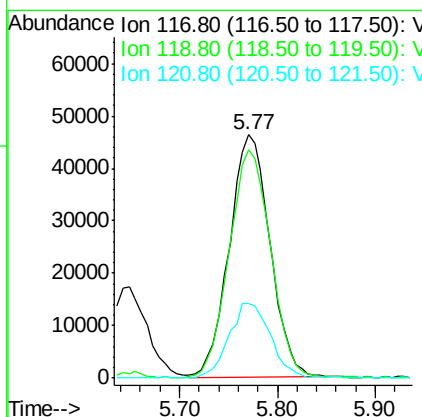
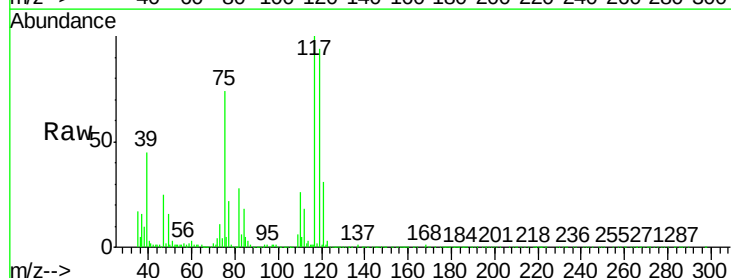
Manual Integrations
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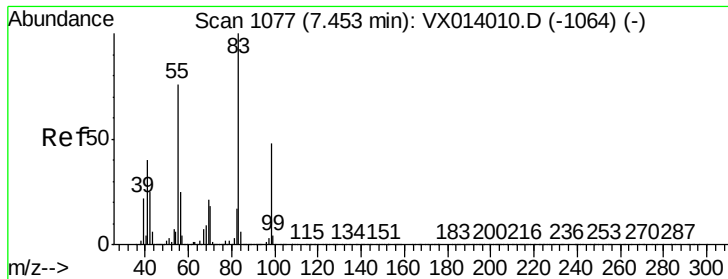
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#38
Carbon Tetrachloride
Concen: 18.698 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion	117	Resp	133441
Ion Ratio	Lower	Upper	
117	100		
119	93.4	76.2	114.4
121	31.0	23.6	35.4





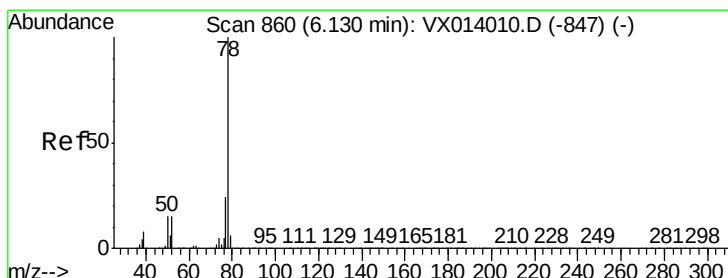
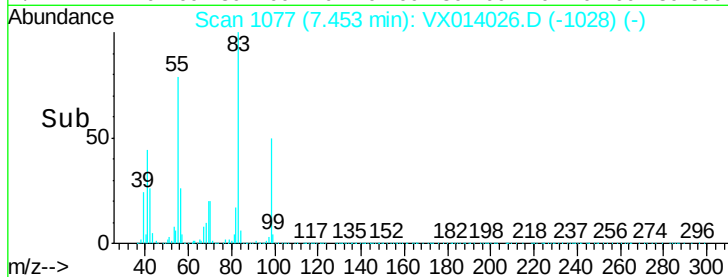
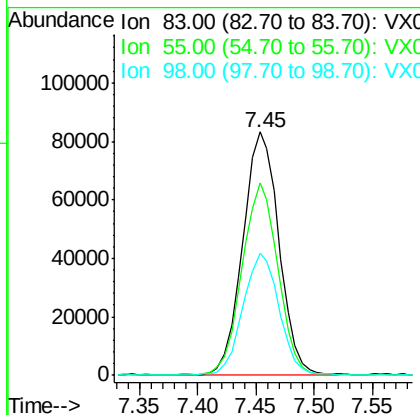
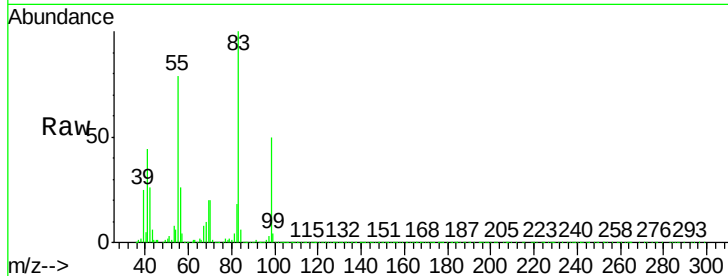
#39
Methylvlcyclohexane
Concen: 18.611 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	61.0	91.6
98	50.2	38.6	57.8

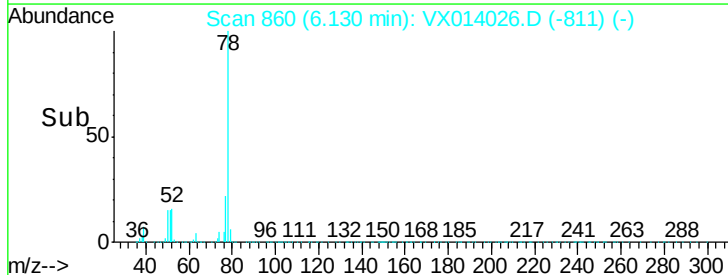
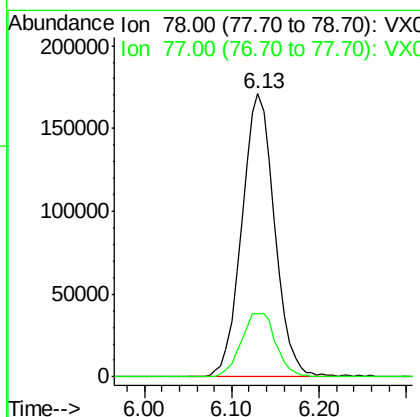
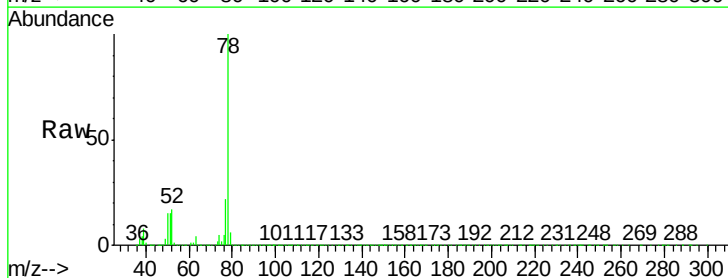
Manual Integrations
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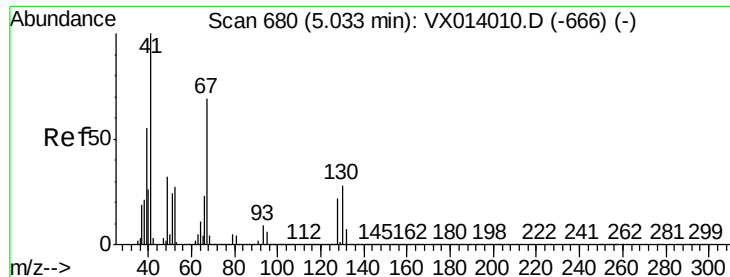
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#40
Benzene
Concen: 18.328 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.8	28.2





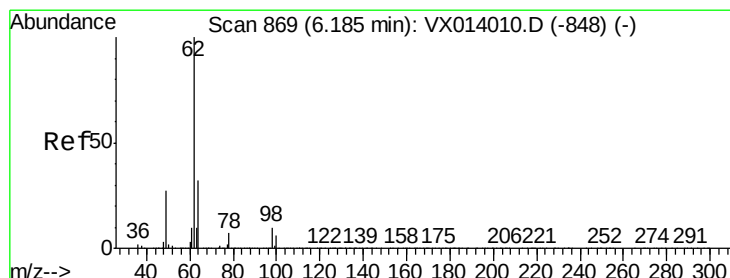
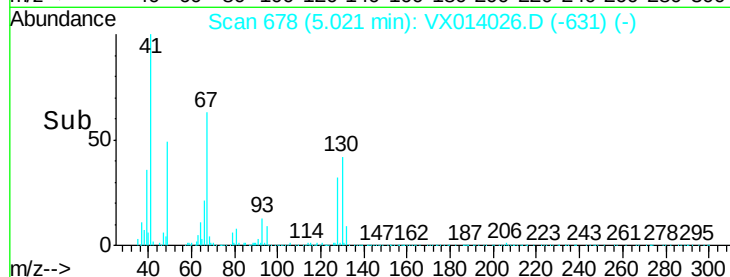
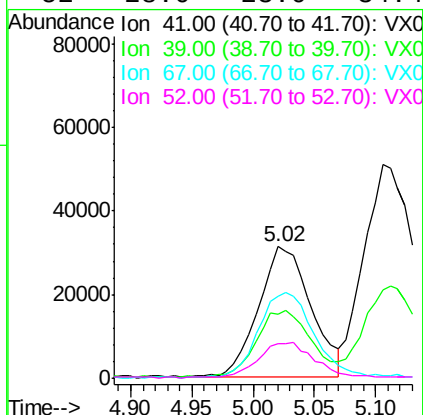
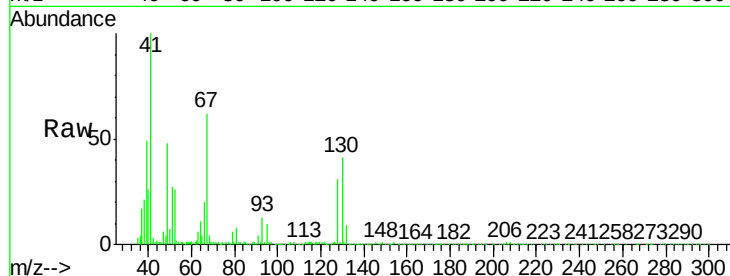
#41
Methacrylonitrile
Concen: 19.430 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.2	44.5	66.7
67	69.0	57.4	86.0
52	28.0	23.0	34.4

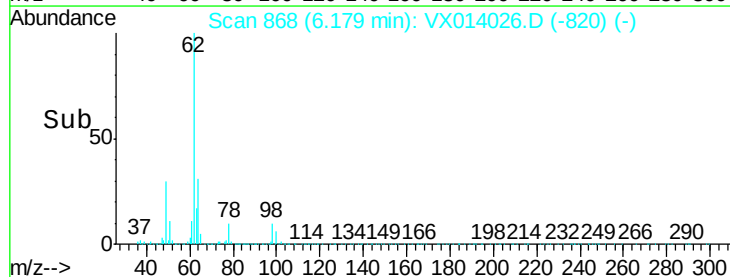
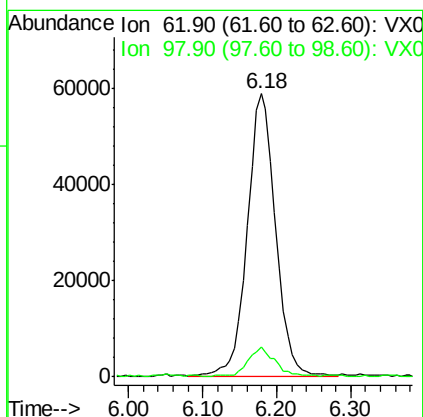
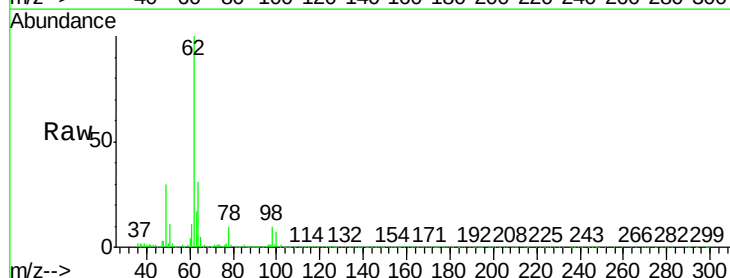
Manual Integrations
APPROVED

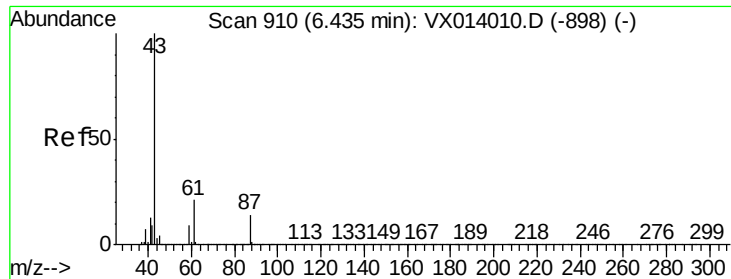
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#42
1,2-Dichloroethane
Concen: 19.040 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	21.0





#43

Isopropyl Acetate

Concen: 19.087 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

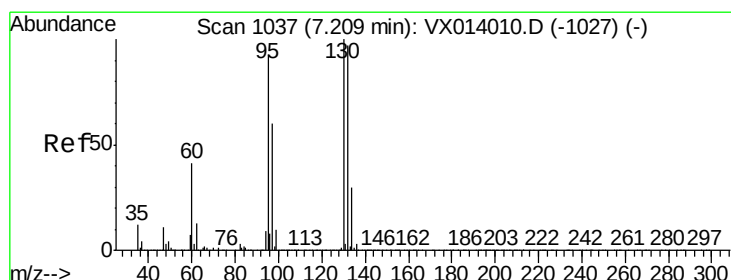
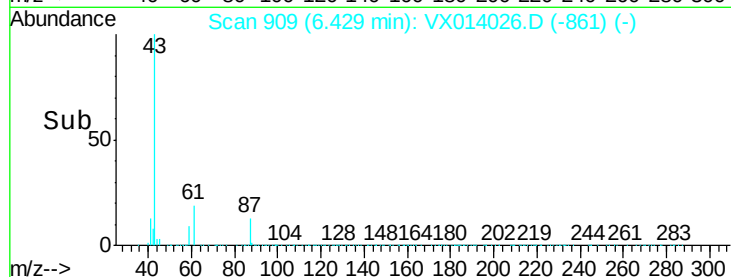
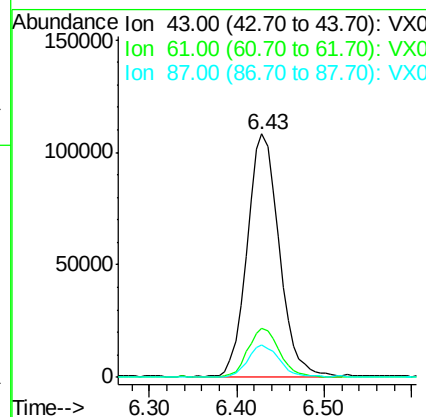
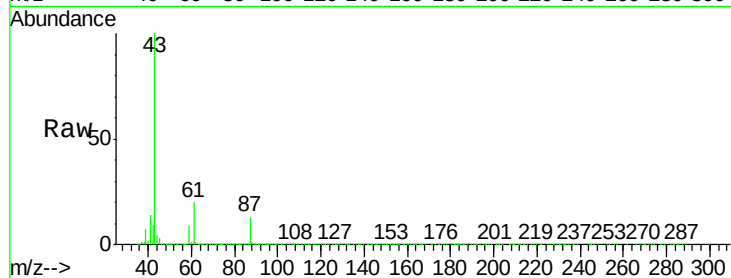
ClientSampleId :

VX1216WBSD01

Tot Ion	43	Resp	273256
Ion Ratio	Lower	Upper	
43	100		
61	19.7	16.4	24.6
87	13.1	10.7	16.1

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#44

Trichloroethene

Concen: 17.582 ug/l

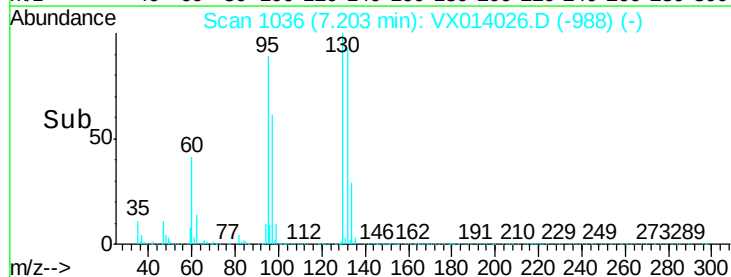
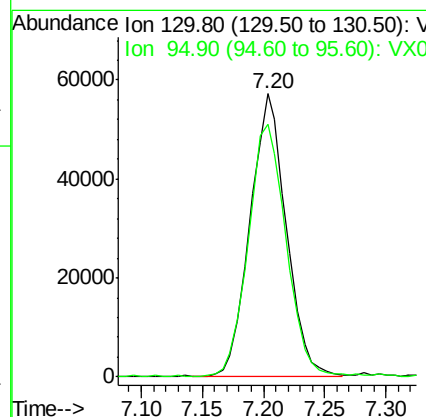
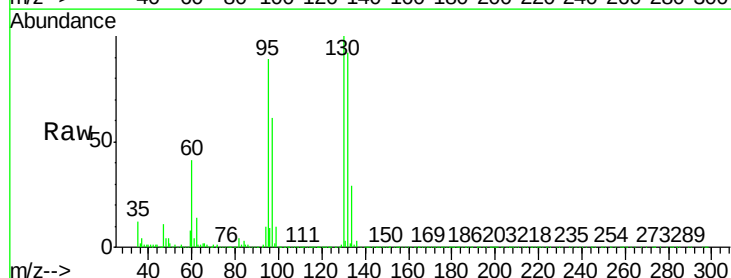
RT: 7.20 min Scan# 1036

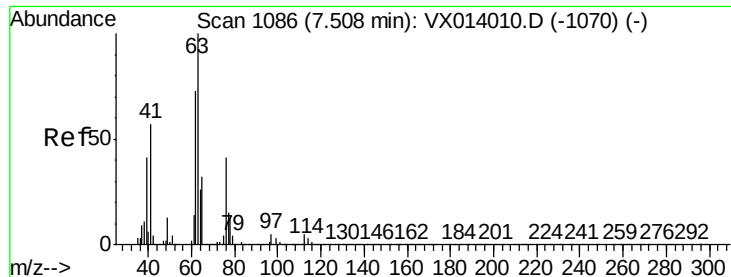
Delta R.T. -0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Tgt Ion	130	Resp	117057
Ion Ratio	Lower	Upper	
130	100		
95	89.2	0.0	185.6





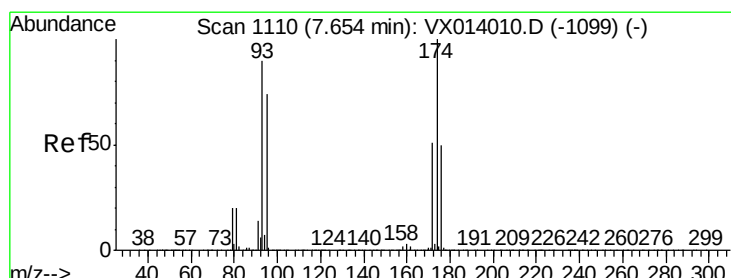
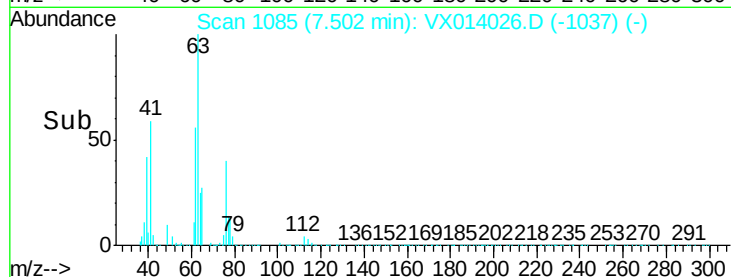
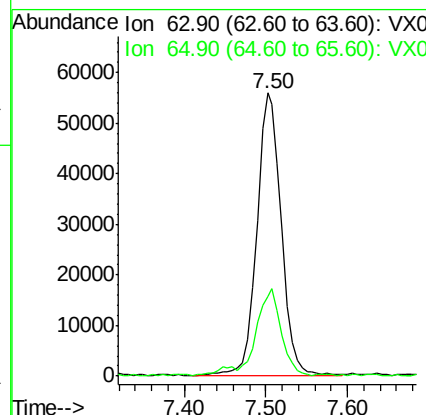
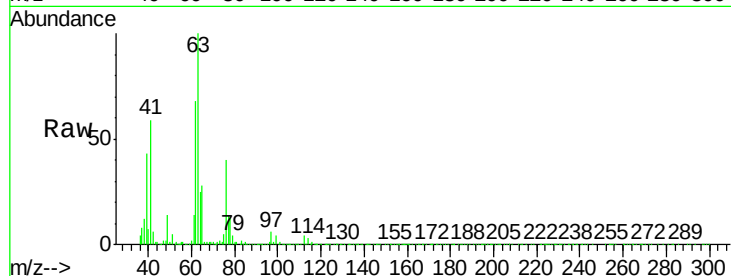
#45
 1,2-Dichloropropane
 Concen: 18.776 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014026.D
 Acq: 16 Dec 2019 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	27.9	25.8	38.8

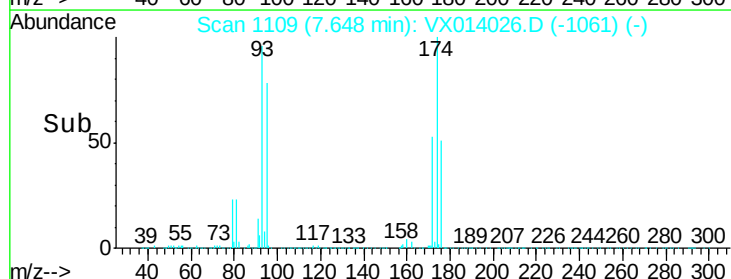
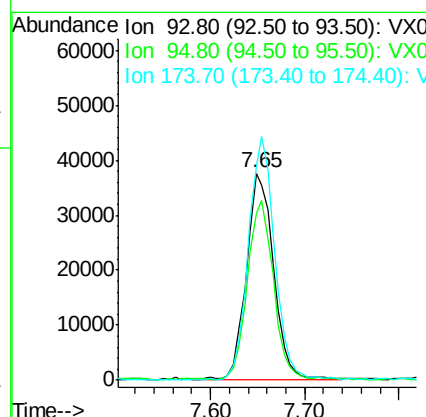
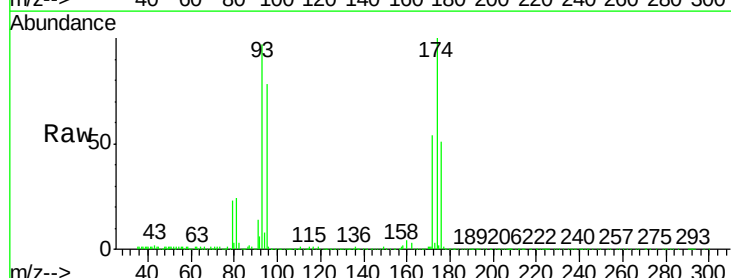
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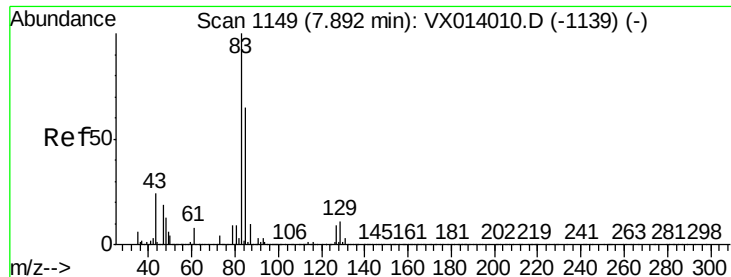
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#46
 Dibromomethane
 Concen: 18.586 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014026.D
 Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	67.3	100.9
174	114.3	91.6	137.4





#47

Bromodichloromethane

Concen: 18.945 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

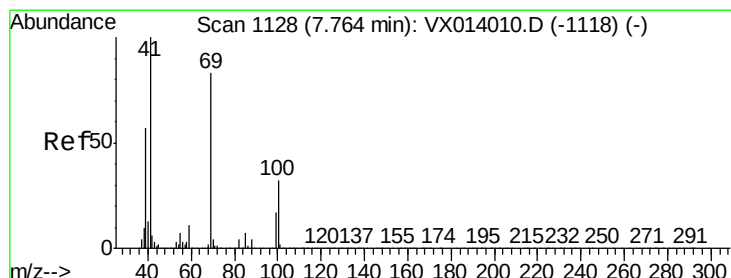
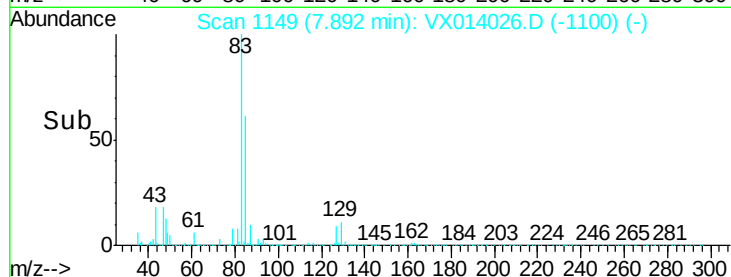
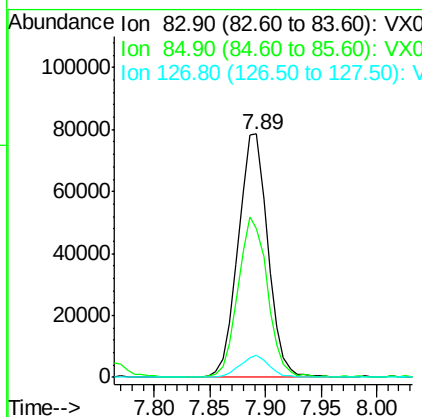
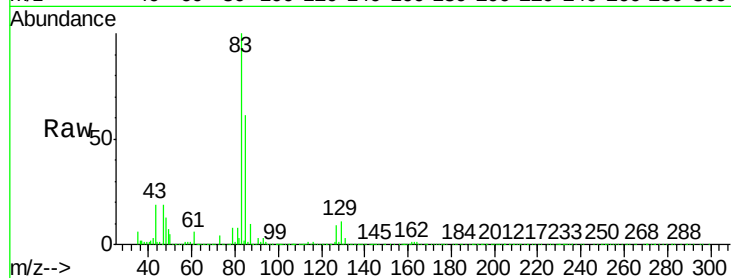
ClientSampleId :

VX1216WBSD01

Tot Ion:	83	Resp:	145737
Ion Ratio	Lower	Upper	
83	100		
85	60.7	51.8	77.8
127	8.7	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.393 ug/l

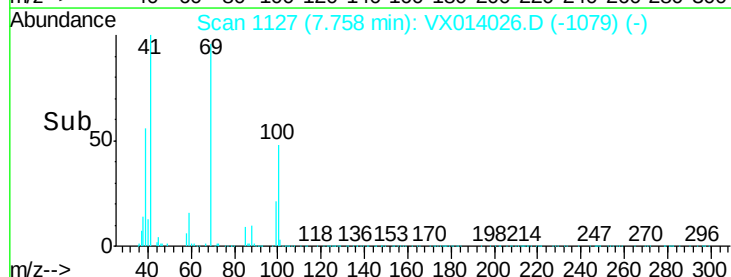
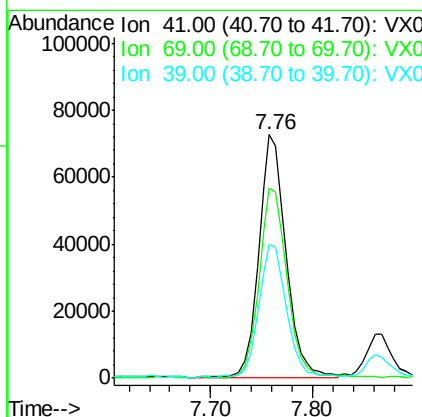
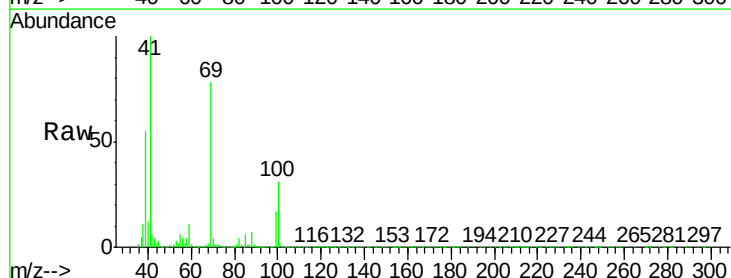
RT: 7.76 min Scan# 1127

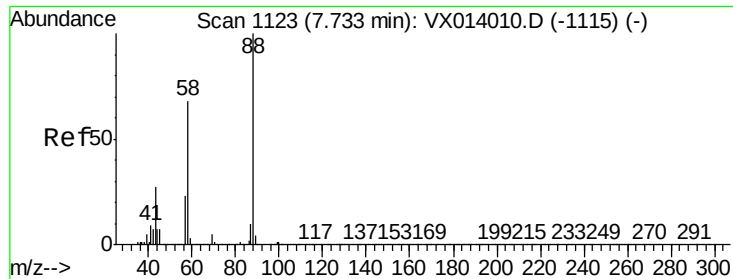
Delta R.T. -0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Tgt Ion:	41	Resp:	135957
Ion Ratio	Lower	Upper	
41	100		
69	79.7	65.8	98.6
39	56.5	44.6	67.0





#49

1,4-Dioxane

Concen: 380.071 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

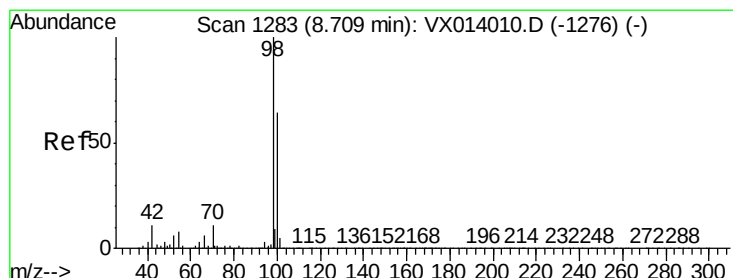
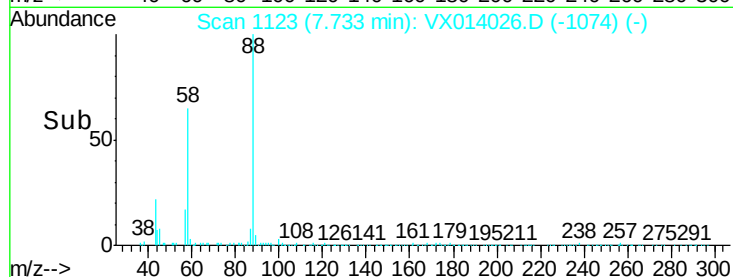
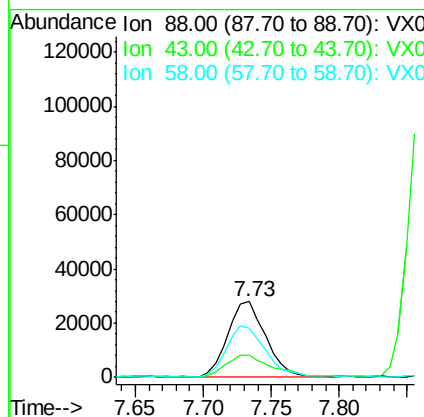
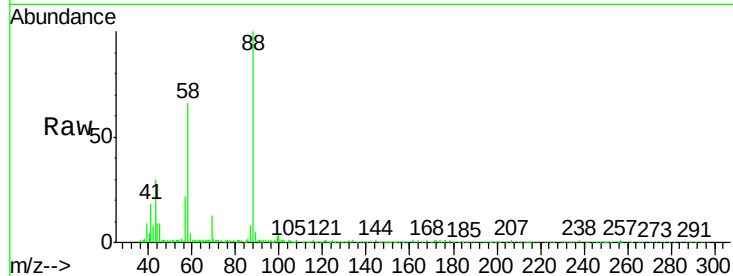
ClientSampleId :

VX1216WBSD01

Tot Ion:	88	Resp:	54223
Ion Ratio	Lower	Upper	
88	100		
43	34.3	26.5	39.7
58	72.6	56.8	85.2

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#50

Toluene-d8

Concen: 47.089 ug/l

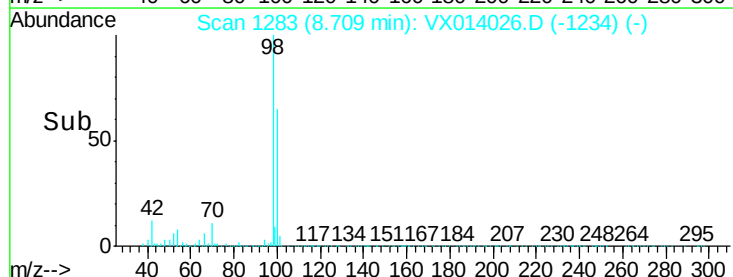
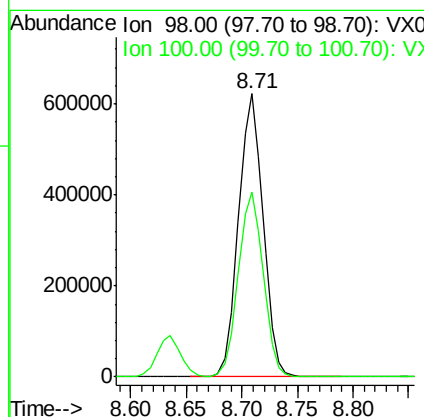
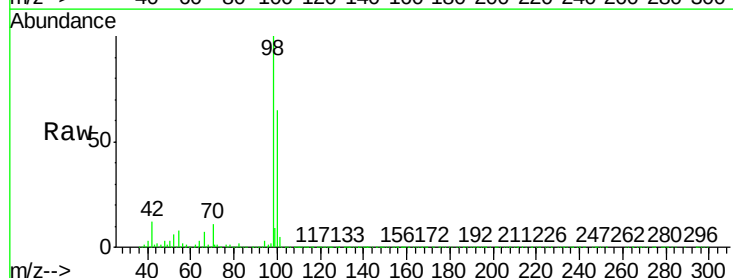
RT: 8.71 min Scan# 1283

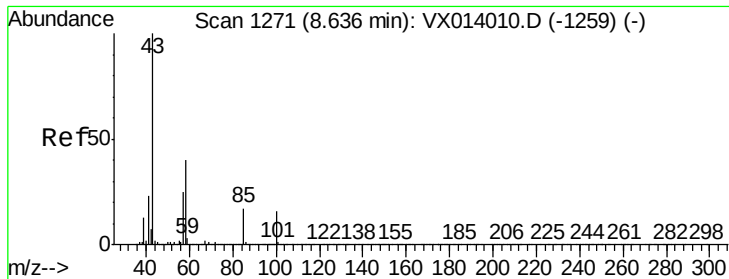
Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Tgt Ion:	98	Resp:	951476
Ion Ratio	Lower	Upper	
98	100		
100	65.9	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 94.955 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Tot Ion: 43 Resp: 853751

Ion Ratio Lower Upper

43 100

58 39.5 32.2 48.2

Instrument :

MSVOA_X

ClientSampleId :

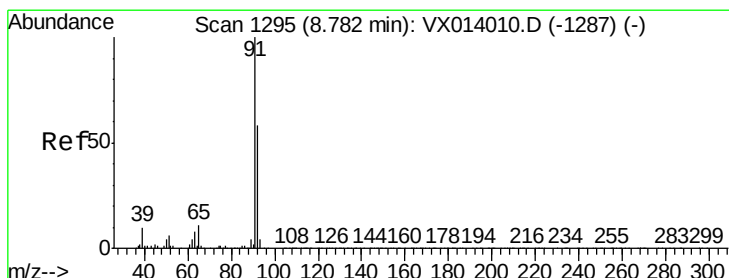
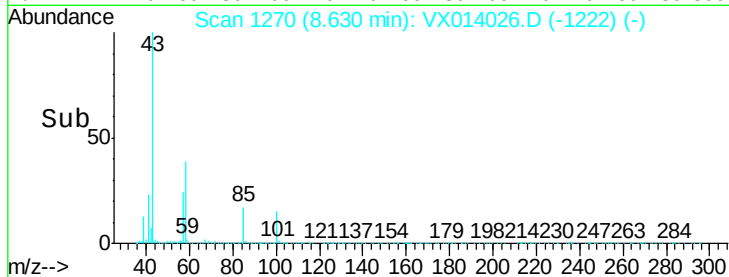
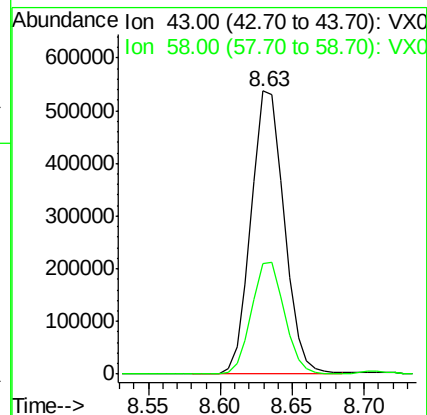
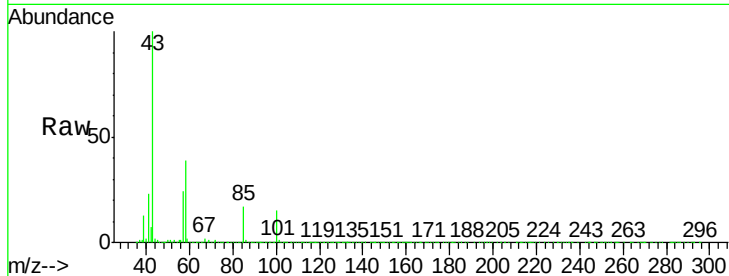
VX1216WBSD01

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#52

Toluene

Concen: 18.254 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014026.D

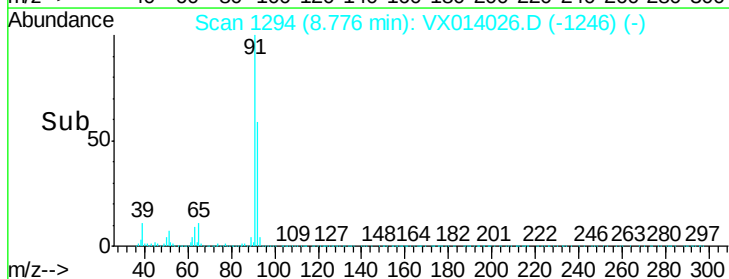
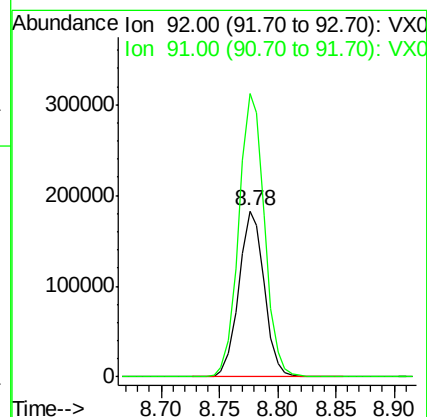
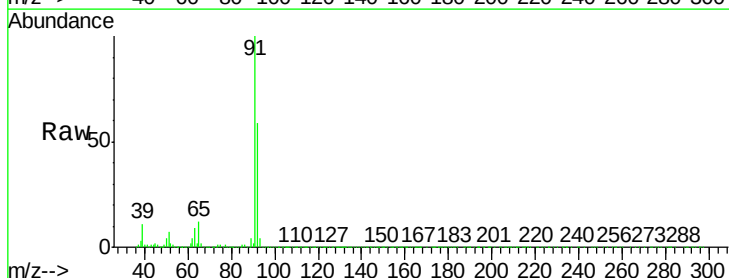
Acq: 16 Dec 2019 11:44

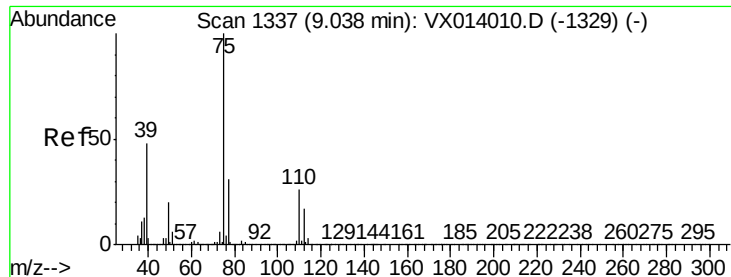
Tgt Ion: 92 Resp: 278108

Ion Ratio Lower Upper

92 100

91 172.0 136.2 204.4





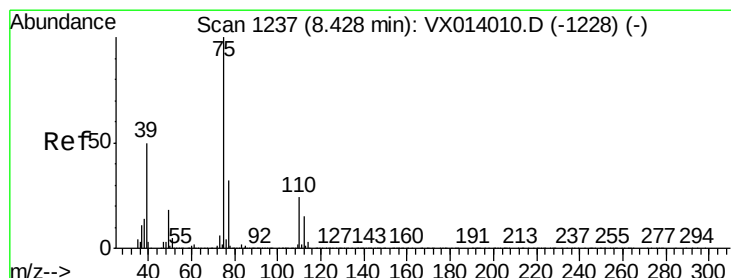
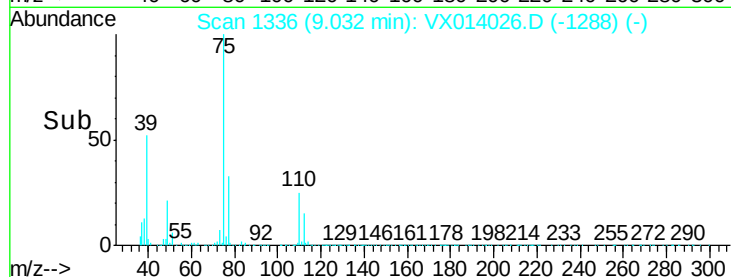
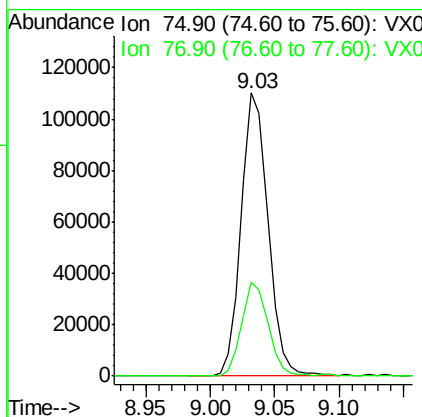
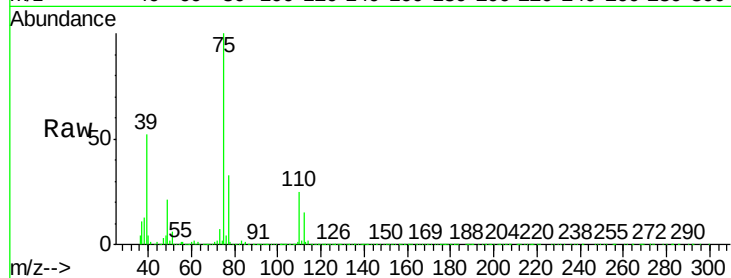
#53
t-1,3-Dichloropropene
Concen: 18.825 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.1	37.7

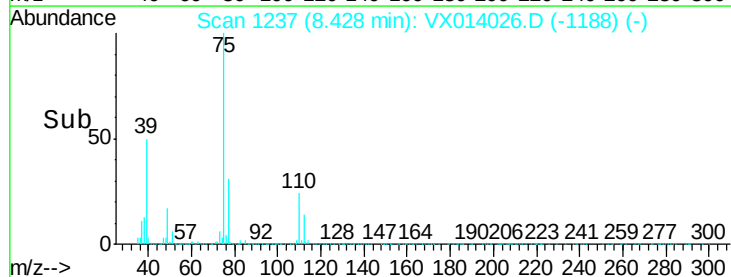
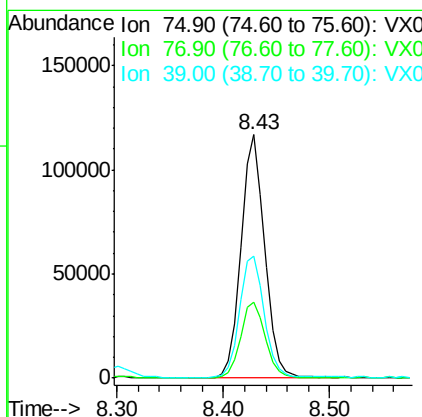
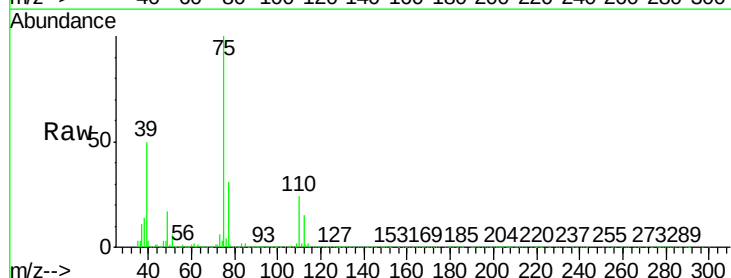
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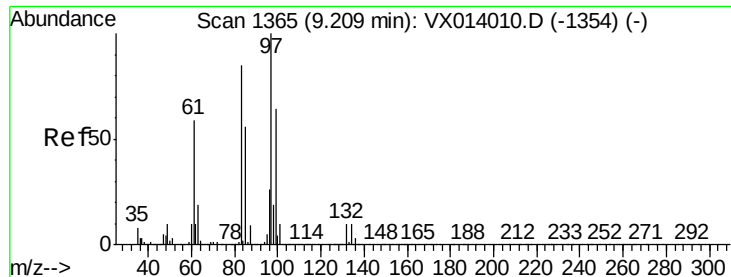
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#54
cis-1,3-Dichloropropene
Concen: 19.362 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.3	37.9
39	49.9	39.9	59.9





#55

1,1,2-Trichloroethane

Concen: 18.732 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

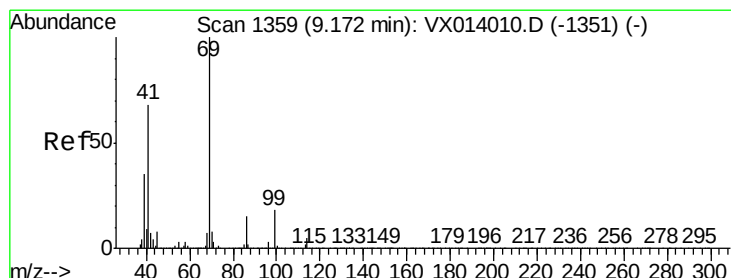
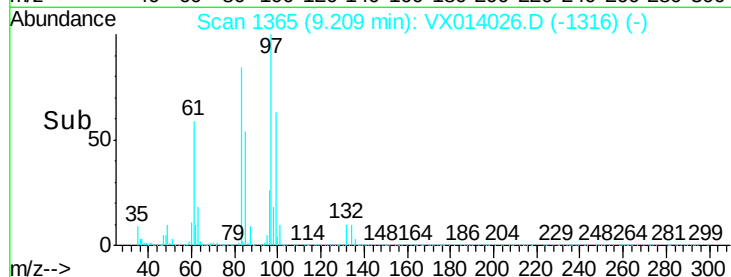
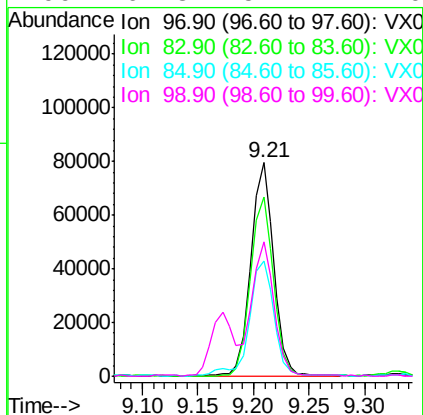
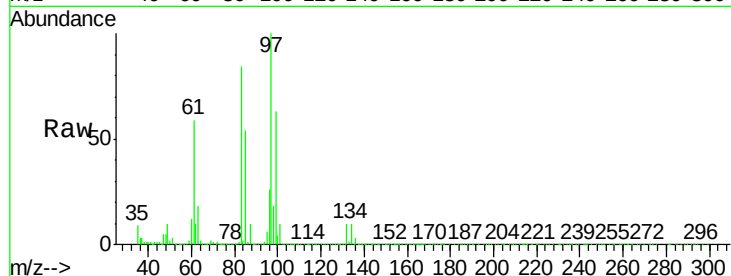
ClientSampleId :

VX1216WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		114381		
83	83.8	68.2	102.4		
85	53.8	44.6	66.8		
99	62.3	51.4	77.0		

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#56

Ethyl methacrylate

Concen: 18.892 ug/l

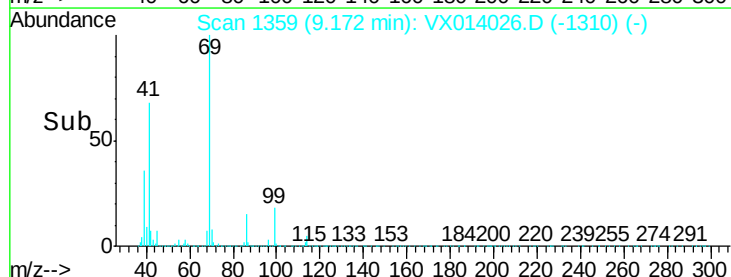
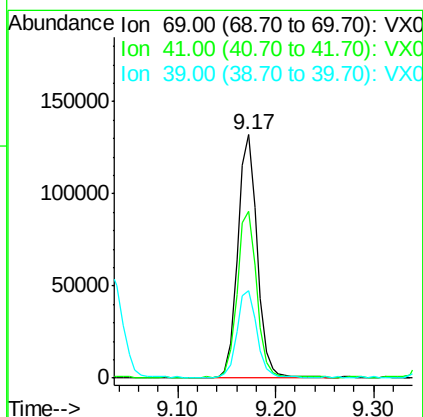
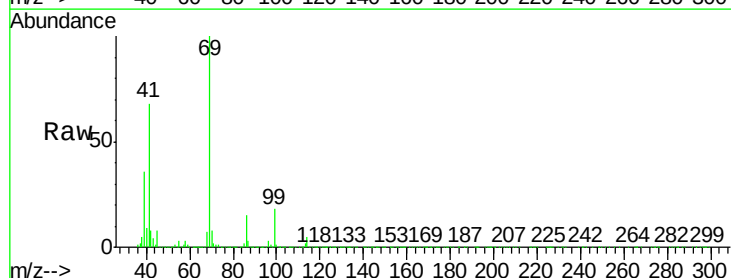
RT: 9.17 min Scan# 1359

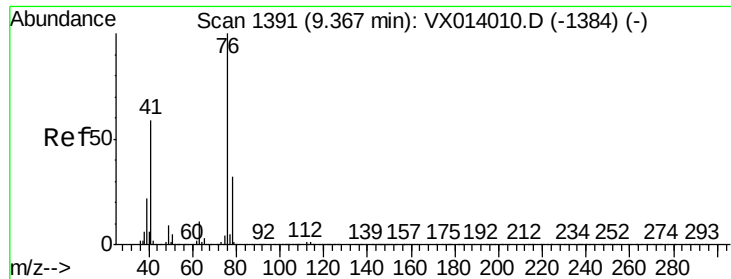
Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		181208		
41	69.0	54.8	82.2		
39	36.5	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 19.114 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

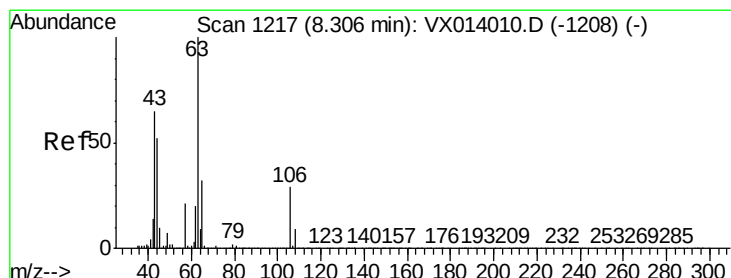
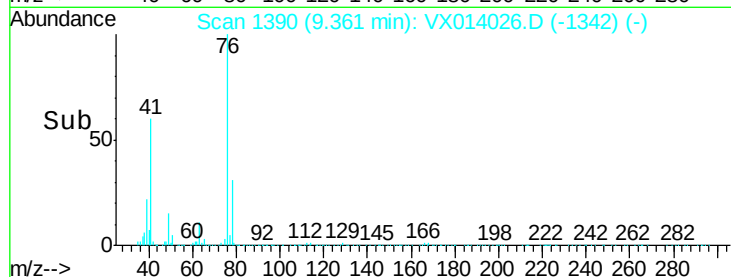
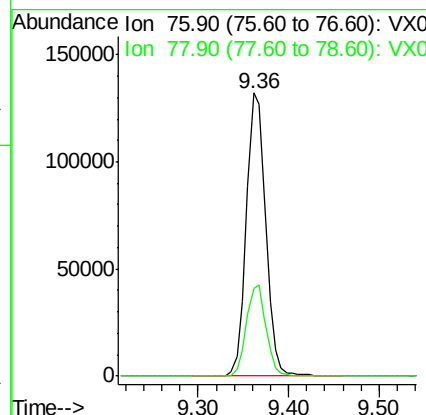
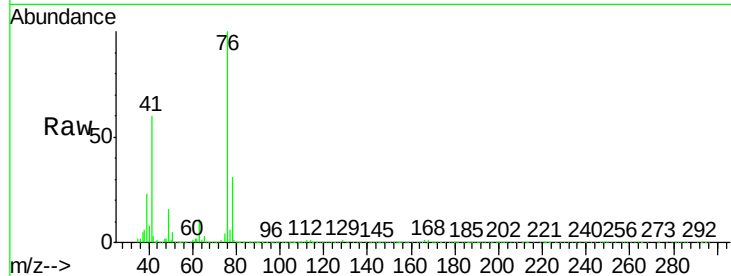
ClientSampleId :

VX1216WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 100.729 ug/l

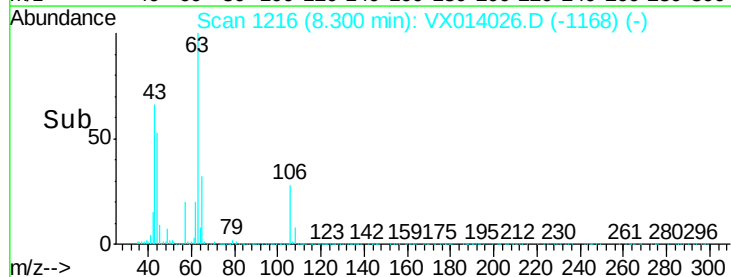
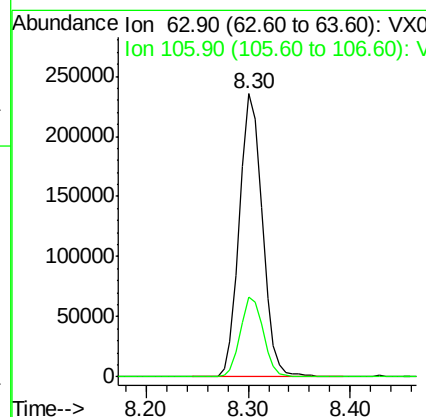
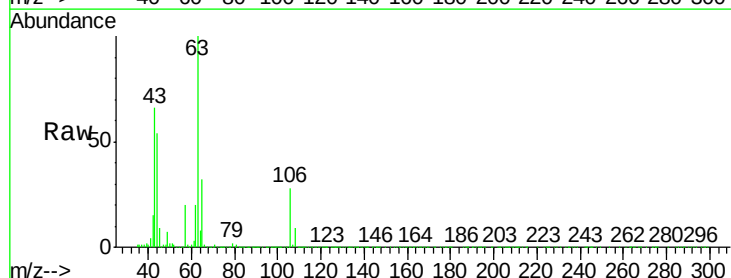
RT: 8.30 min Scan# 1216

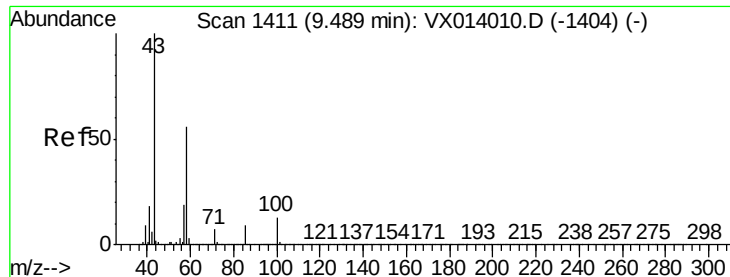
Delta R.T. -0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.1	23.0	34.6





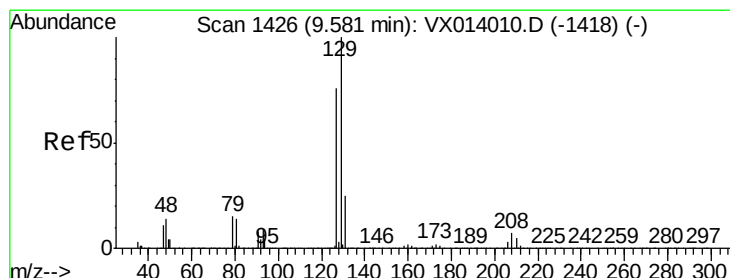
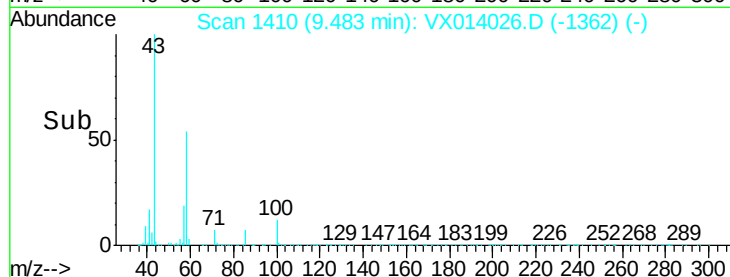
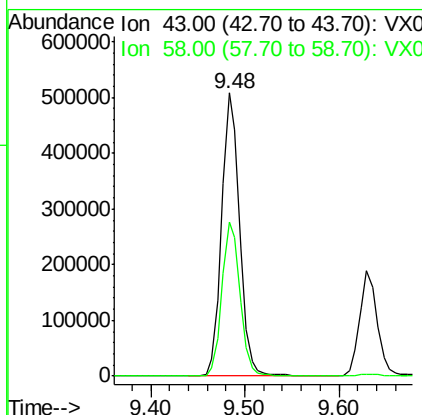
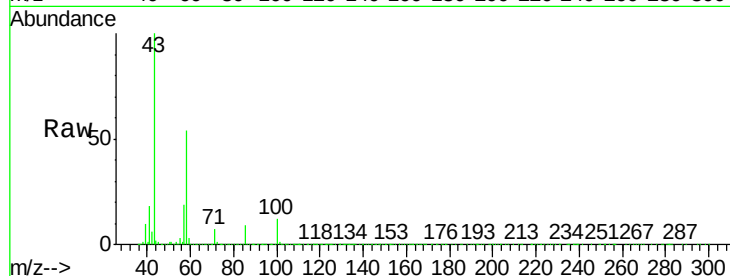
#59
2-Hexanone
Concen: 93.081 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tot Ion: 43 Resp: 673714
Ion Ratio Lower Upper
43 100
58 55.0 28.0 84.0

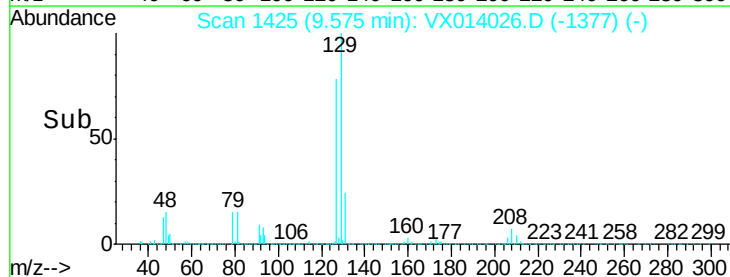
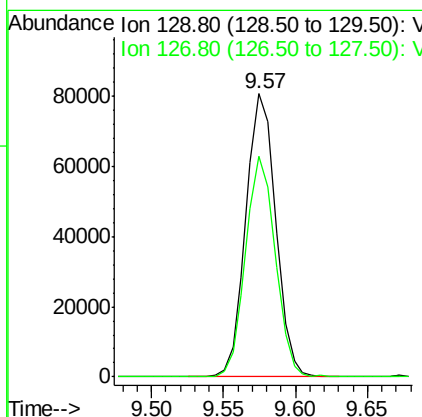
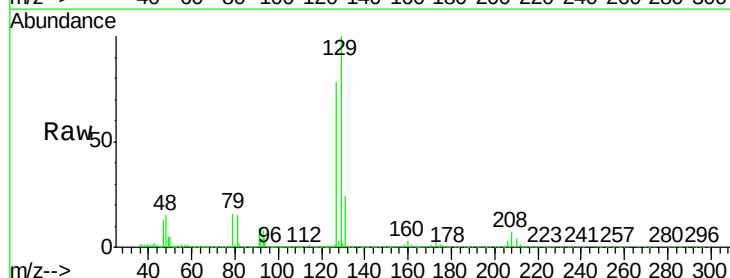
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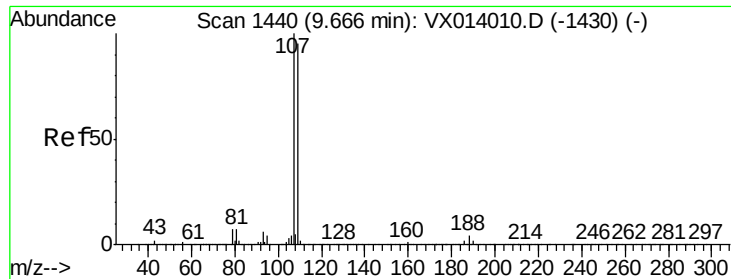
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#60
Dibromochloromethane
Concen: 19.150 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion: 129 Resp: 116230
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 18.826 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

Tot Ion: 107 Resp: 117618

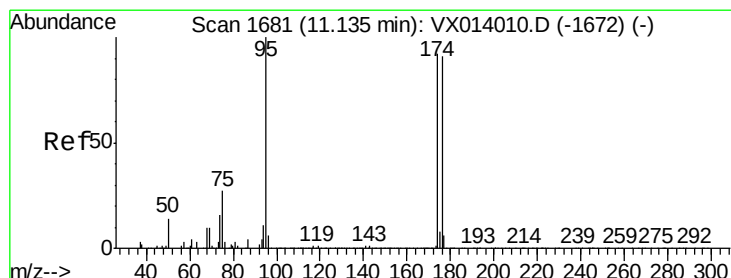
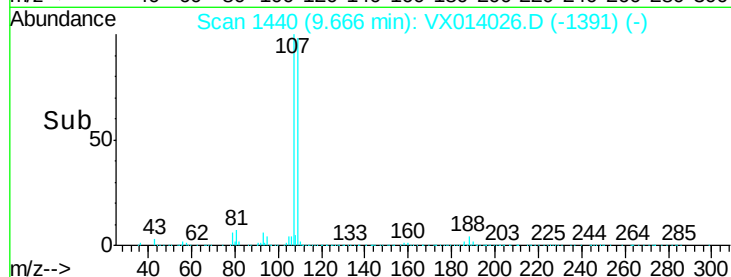
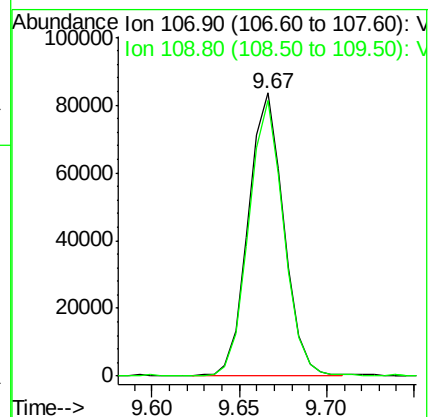
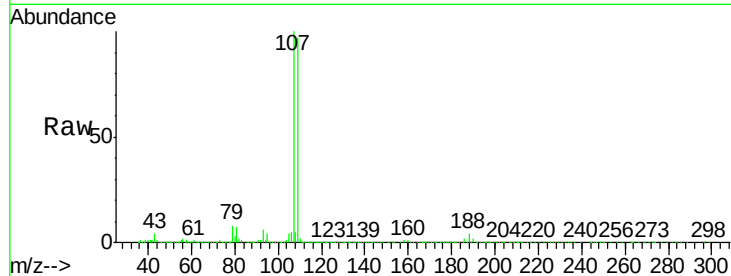
Ion Ratio Lower Upper

107 100

109 96.7 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 45.313 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

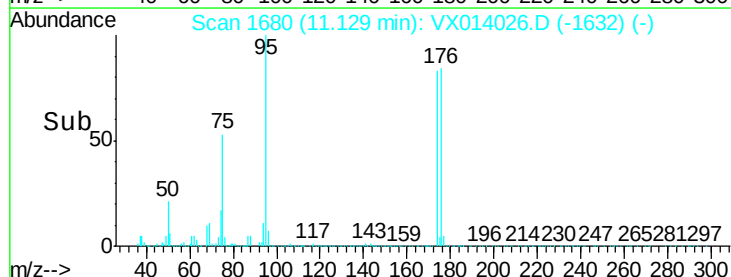
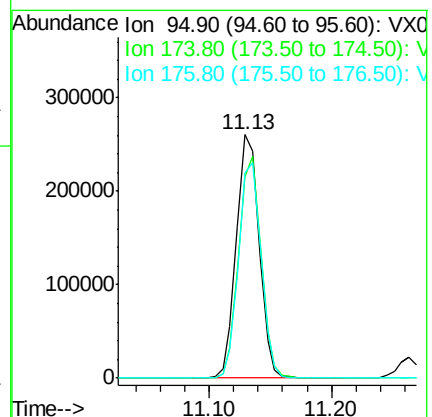
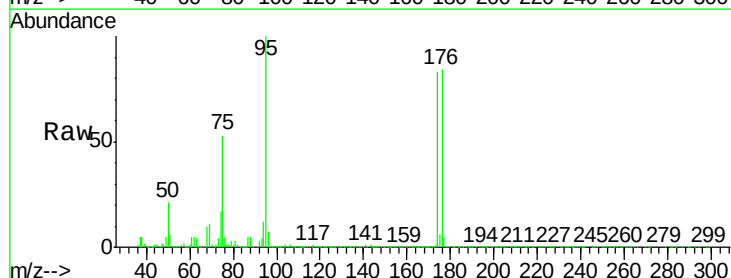
Tgt Ion: 95 Resp: 334694

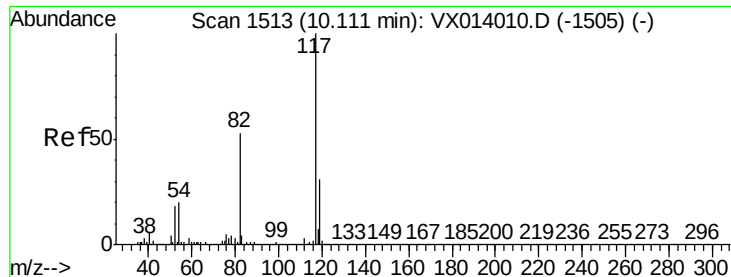
Ion Ratio Lower Upper

95 100

174 89.1 0.0 175.8

176 88.3 0.0 173.0





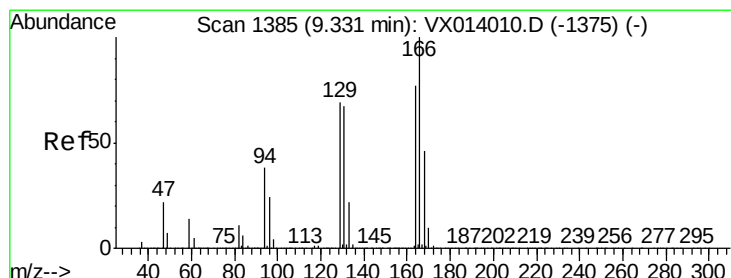
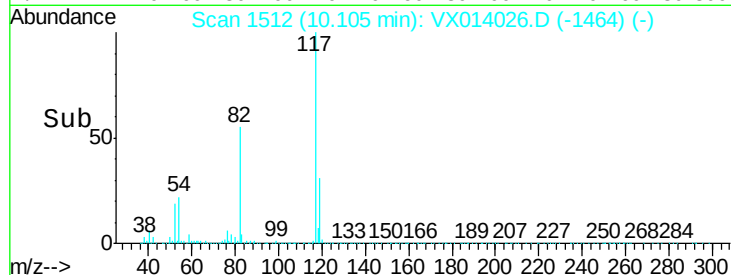
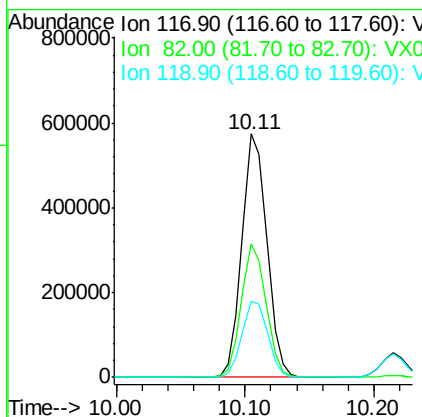
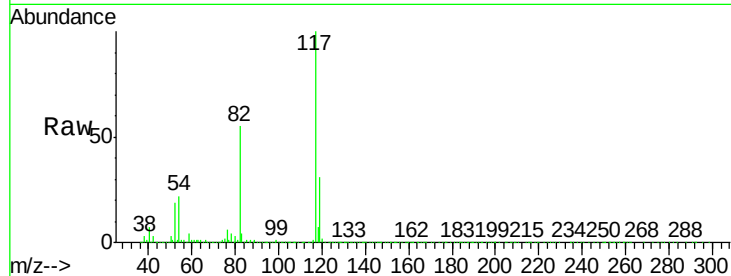
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	42.2	63.4
119	31.1	25.1	37.7

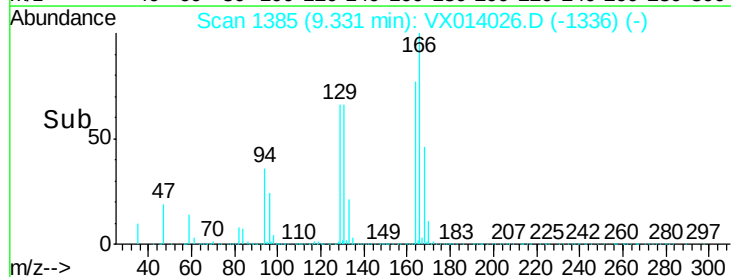
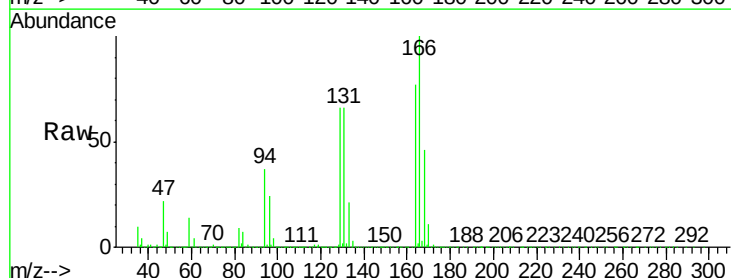
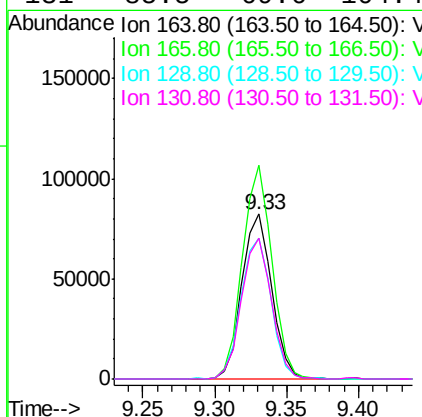
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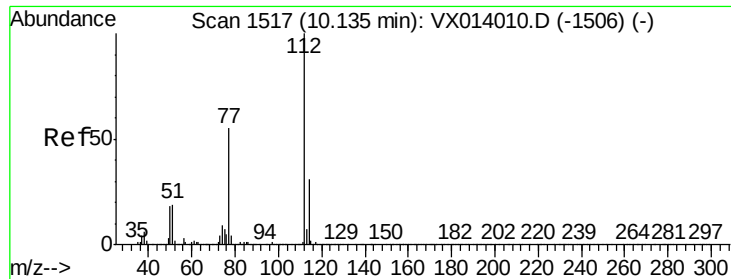
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#64
Tetrachloroethene
Concen: 17.286 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.5	104.0	156.0
129	85.2	72.2	108.4
131	85.5	69.6	104.4





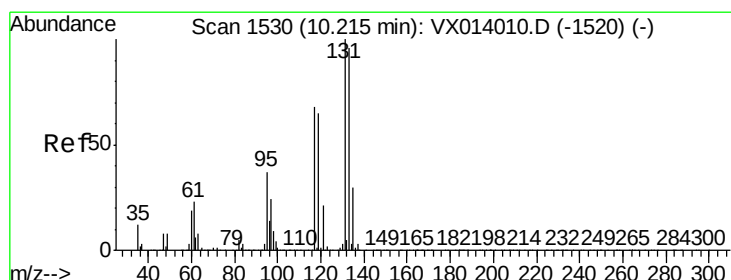
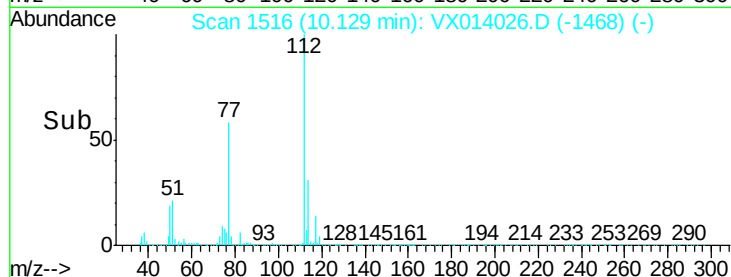
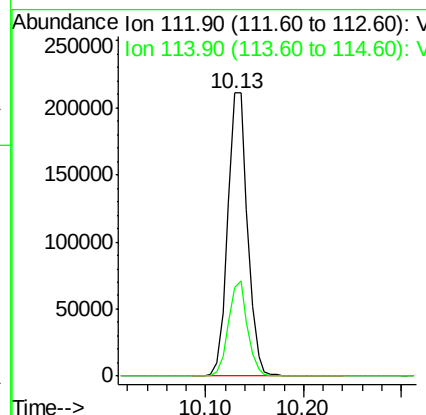
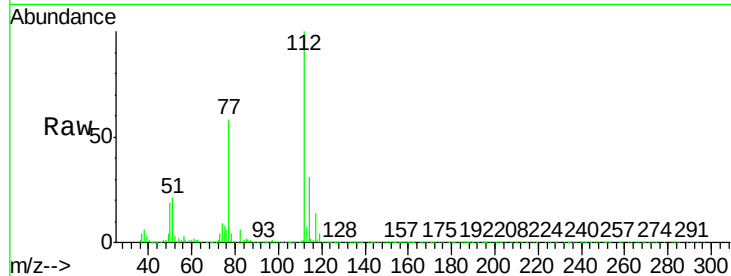
#65
Chlorobenzene
Concen: 18.021 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.2	24.9	37.3

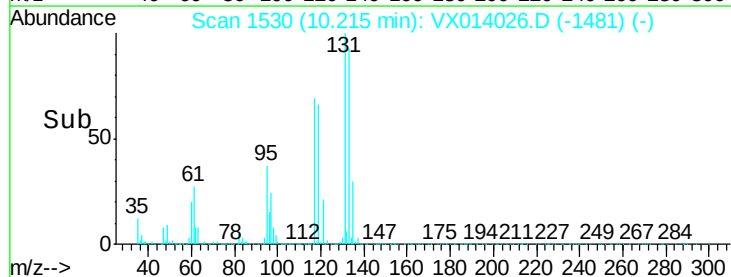
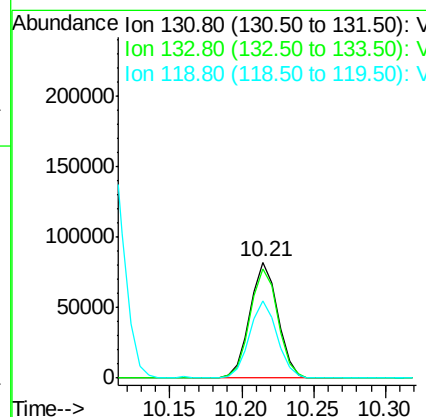
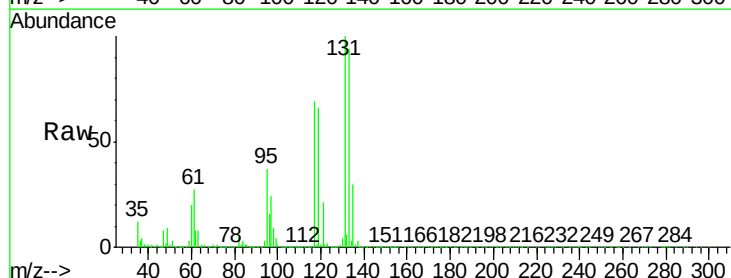
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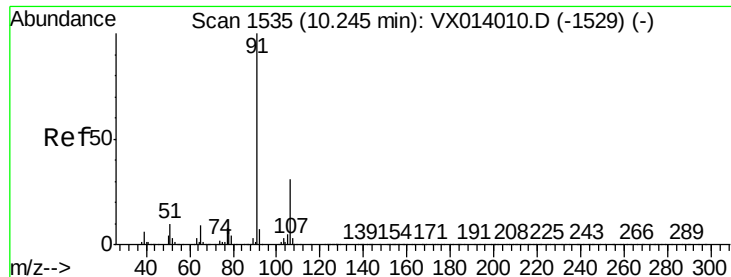
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.896 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.2	48.0	144.0
119	65.0	33.4	100.2





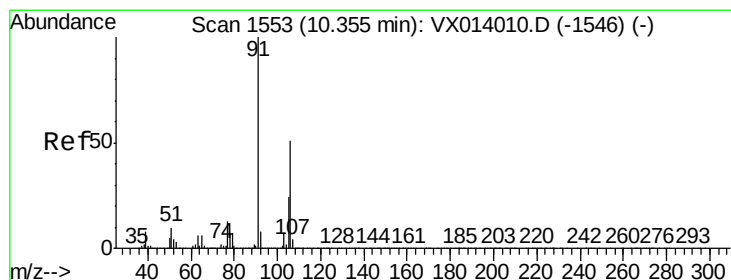
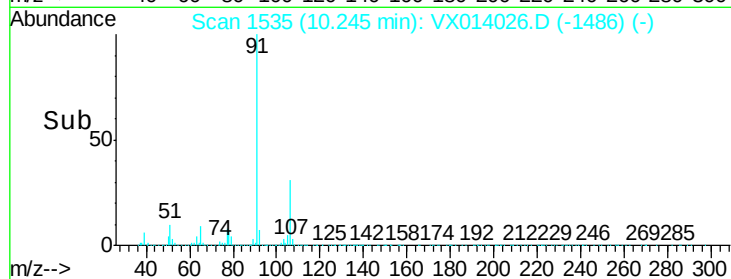
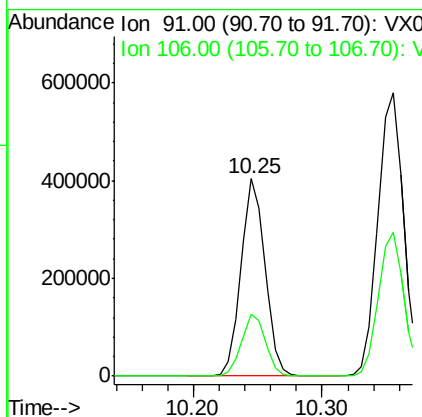
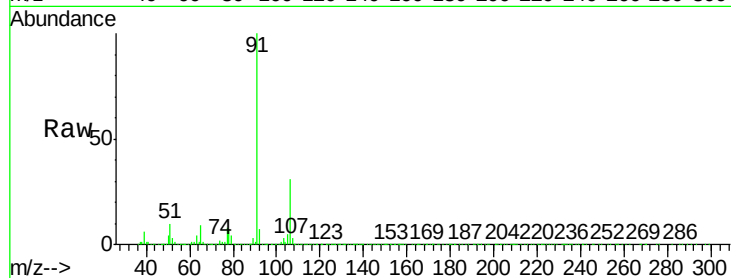
#67
Ethyl Benzene
Concen: 18.478 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tot Ion: 91 Resp: 521687
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6

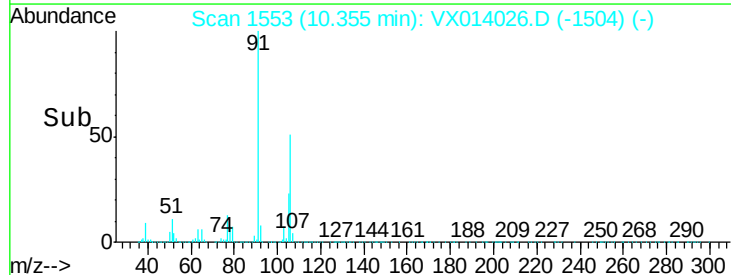
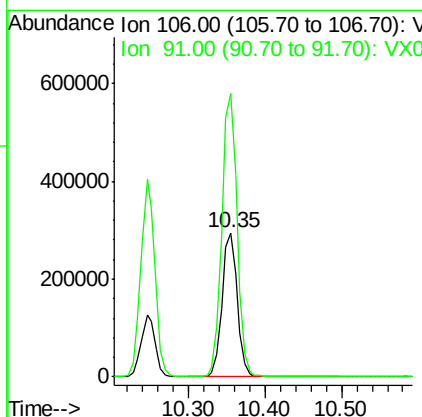
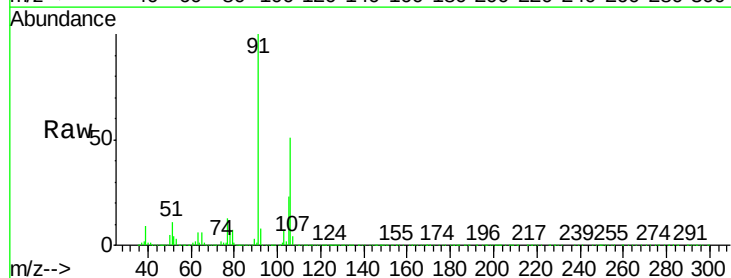
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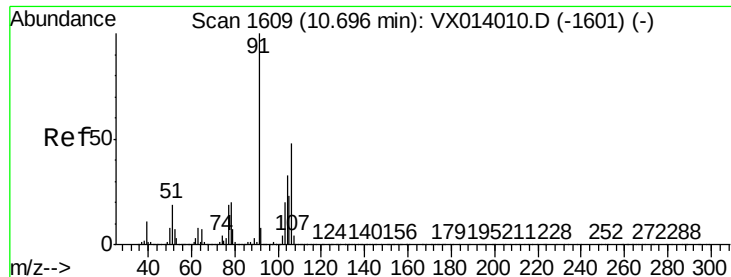
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#68
m/p-Xylenes
Concen: 37.000 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion: 106 Resp: 401772
Ion Ratio Lower Upper
106 100
91 197.6 158.6 238.0





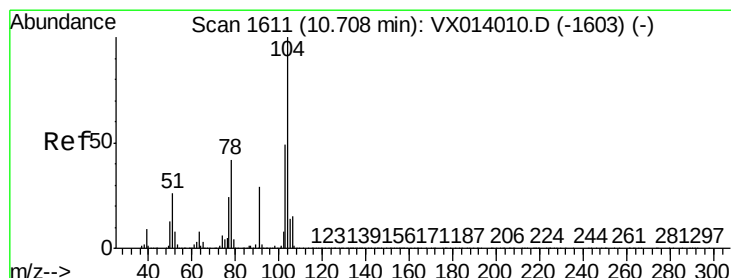
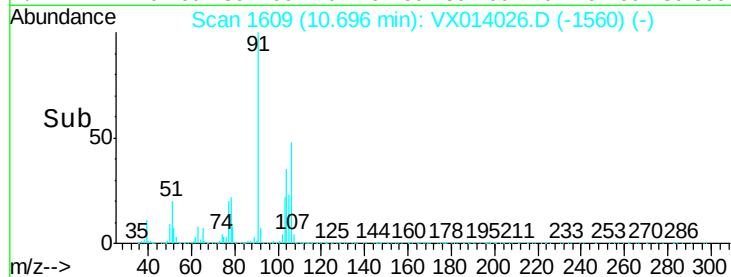
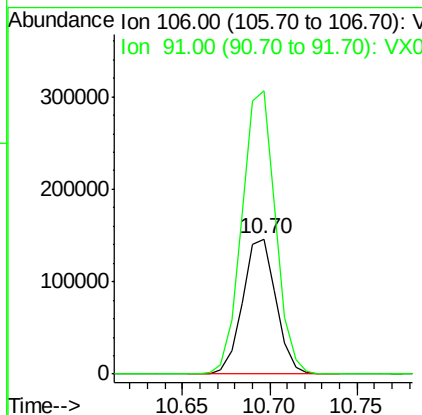
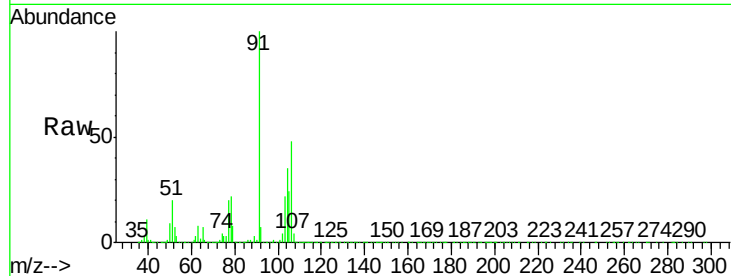
#69
o-Xylene
Concen: 18.169 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.2	104.2	312.6

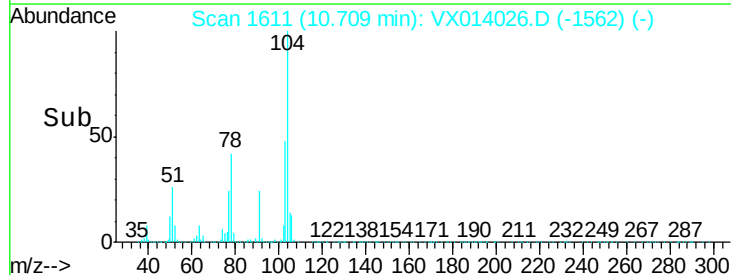
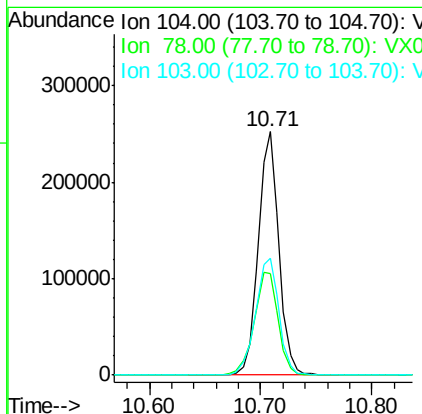
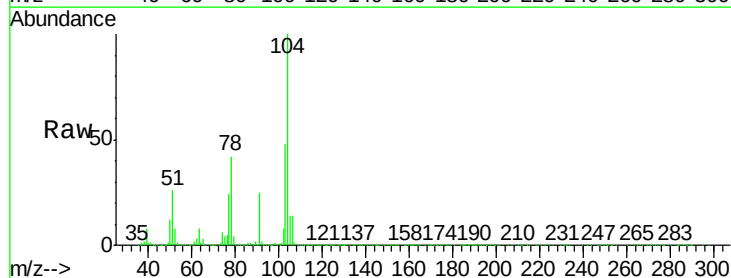
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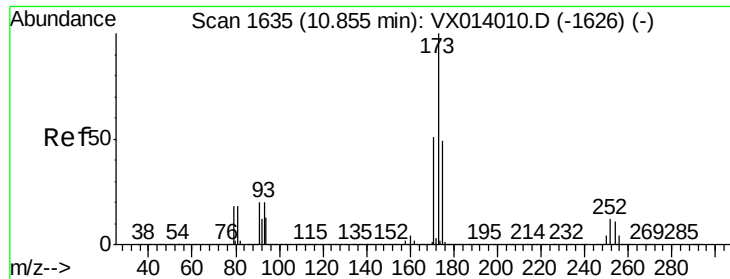
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#70
Styrene
Concen: 18.076 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.0	38.5	57.7
103	54.7	42.9	64.3





#71

Bromoform

Concen: 18.267 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

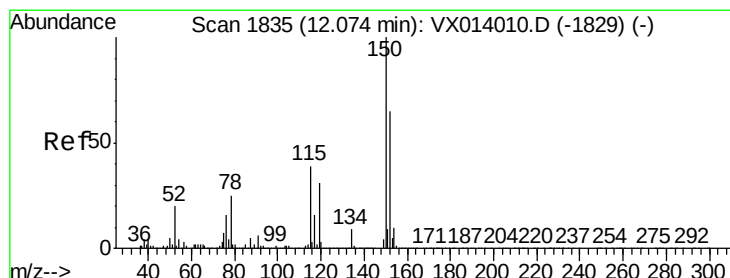
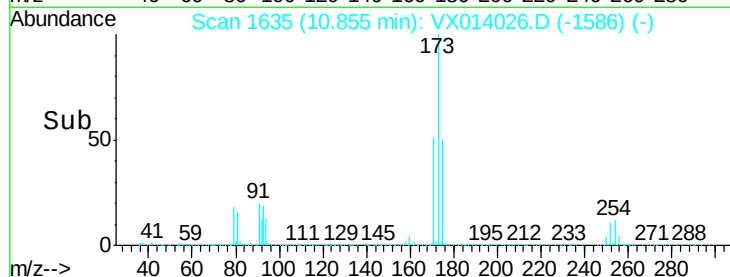
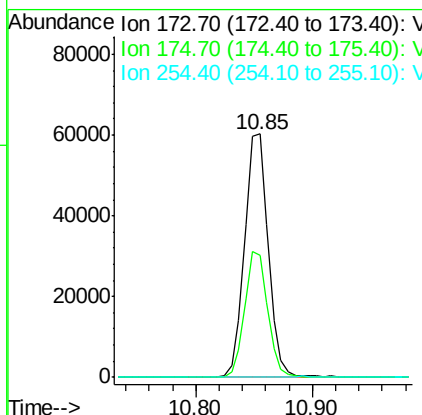
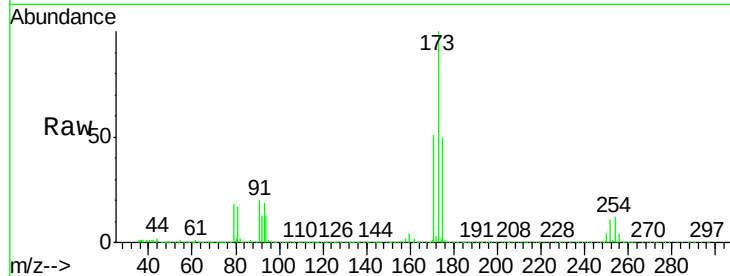
ClientSampleId :

VX1216WBSD01

Tot Ion:	173	Resp:	86099
Ion Ratio	Lower	Upper	
173	100		
175	50.8	24.4	73.4
254	0.3	0.2	0.2#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

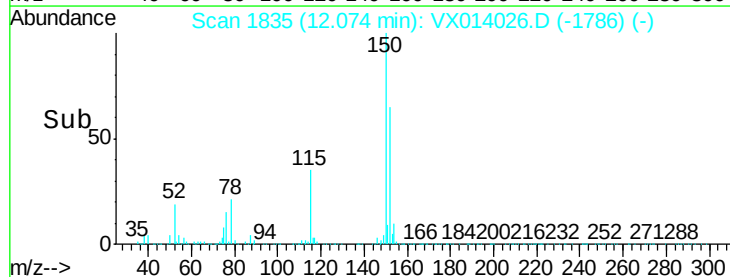
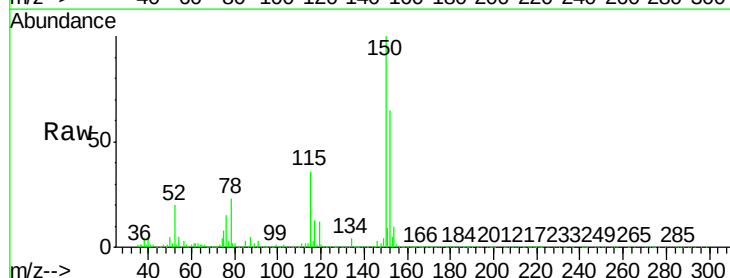
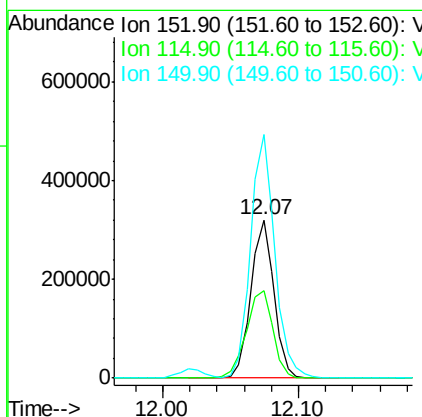
RT: 12.07 min Scan# 1835

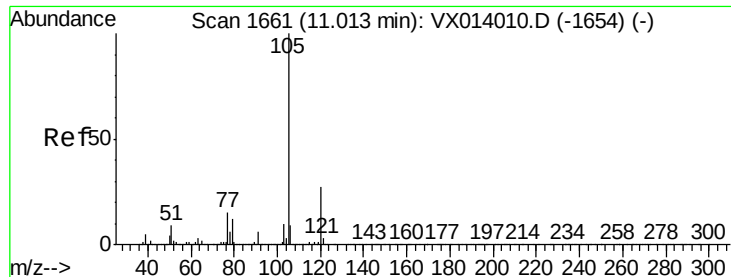
Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Tgt Ion:	152	Resp:	380675
Ion Ratio	Lower	Upper	
152	100		
115	64.3	38.3	114.9
150	161.6	0.0	345.4





#73

Isopropylbenzene

Concen: 19.003 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

Tot Ion: 105 Resp: 509333

Ion Ratio Lower Upper

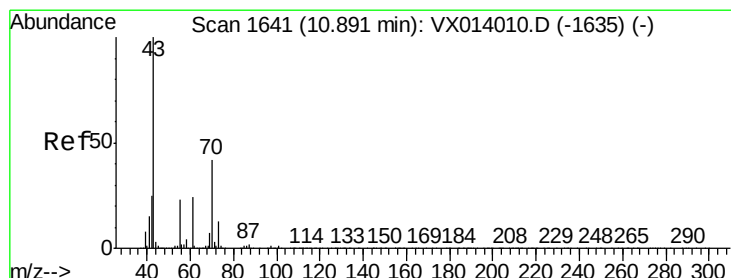
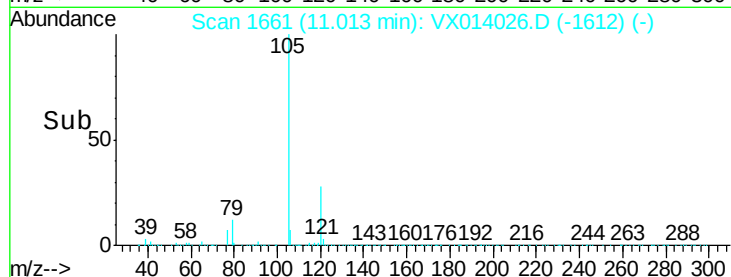
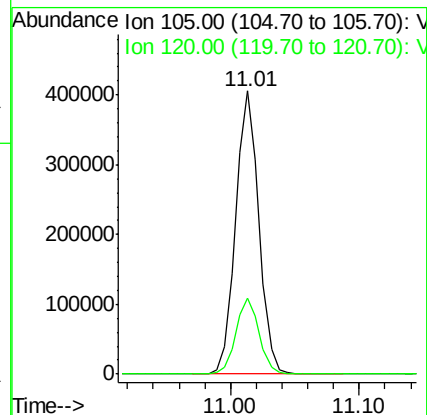
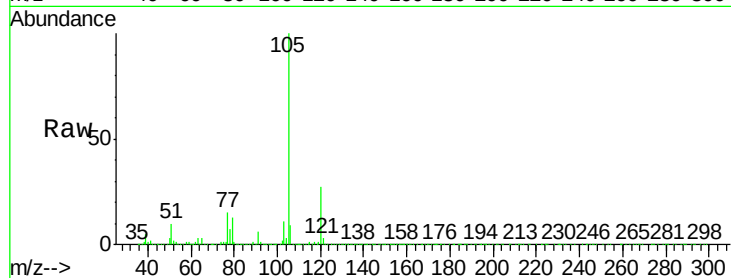
105 100

120 26.7 13.5 40.4

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#74

N-ethyl acetate

Concen: 18.860 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Tgt Ion: 43 Resp: 236944

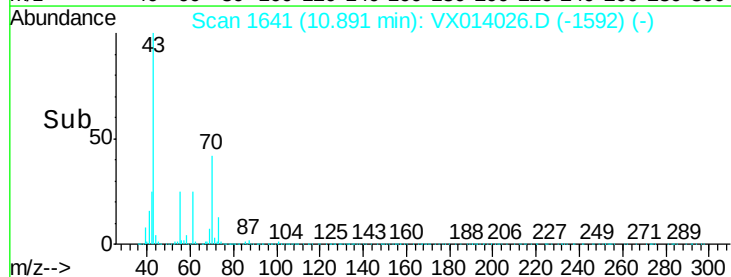
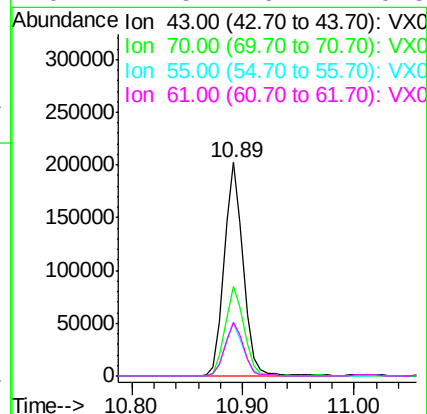
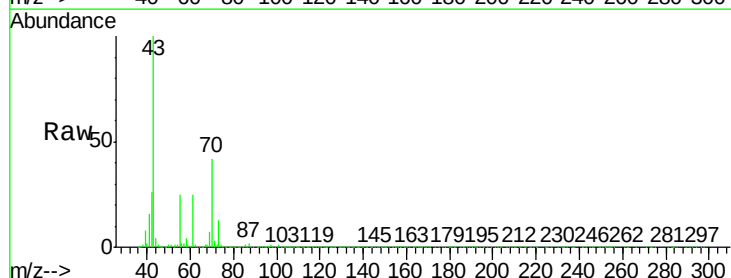
Ion Ratio Lower Upper

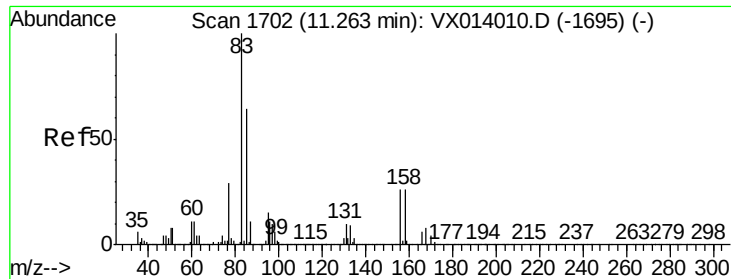
43 100

70 41.8 34.4 51.6

55 24.4 19.1 28.7

61 24.5 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.946 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

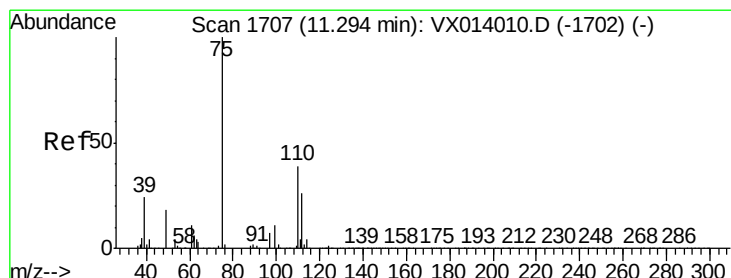
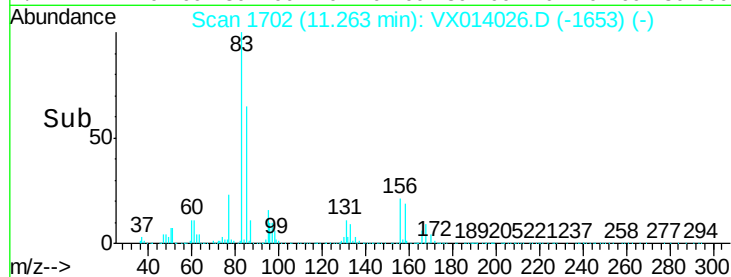
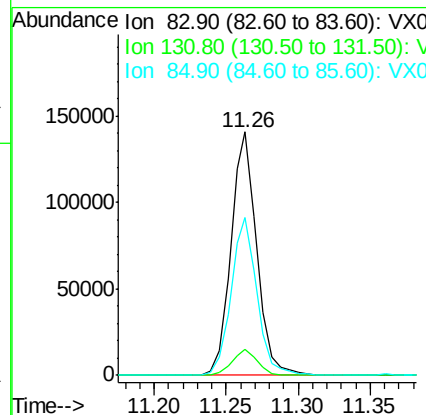
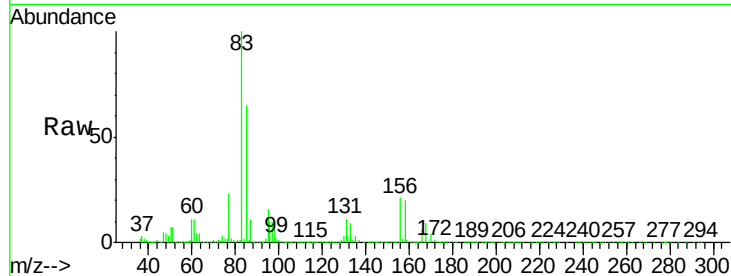
ClientSampleId :

VX1216WBSD01

Tot Ion:	83	Resp:	176047
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.1	15.2
85	65.5	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 20.498 ug/l m

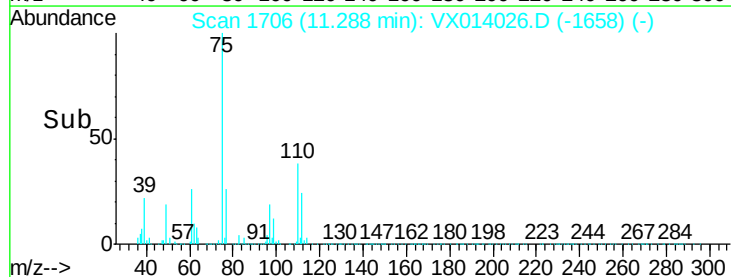
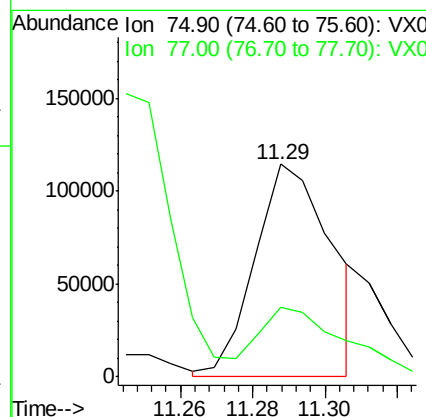
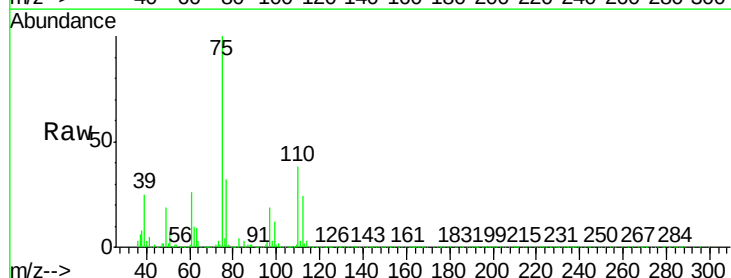
RT: 11.29 min Scan# 1706

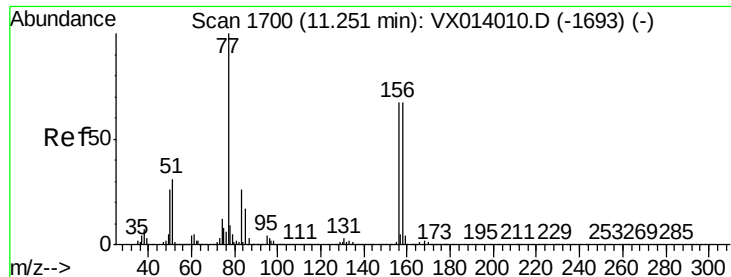
Delta R.T. -0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Tgt Ion:	75	Resp:	169403
Ion Ratio	Lower	Upper	
75	100		
77	36.3	19.3	57.8





#77

Bromobenzene

Concen: 17.924 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

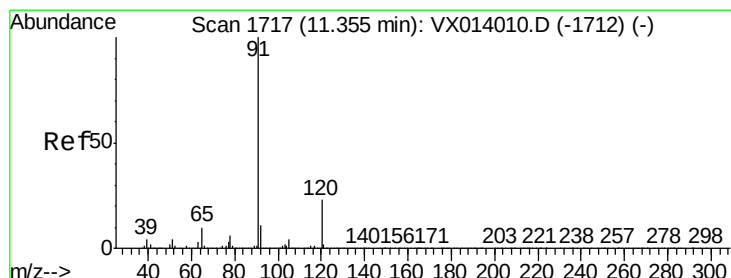
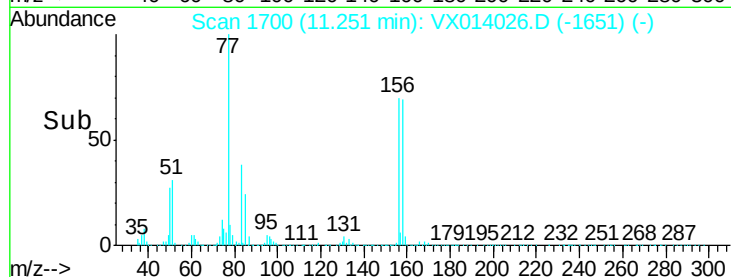
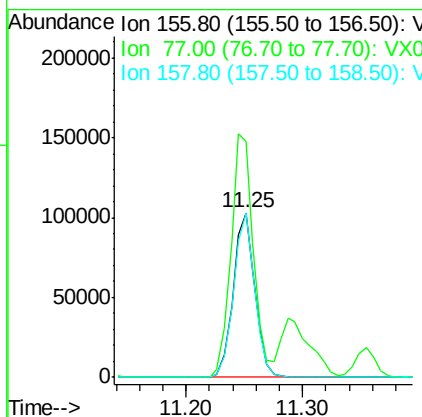
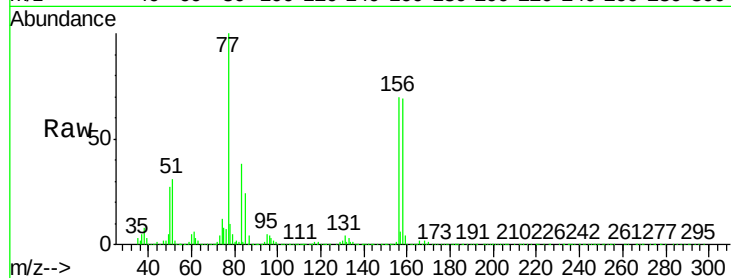
ClientSampleId :

VX1216WBSD01

Tot Ion:	156	Resp:	132174
Ion Ratio	Lower	Upper	
156	100		
77	154.6	76.5	229.5
158	98.1	49.3	147.9

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#78

n-propylbenzene

Concen: 19.149 ug/l

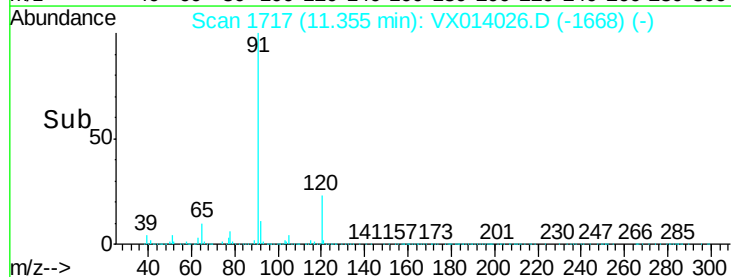
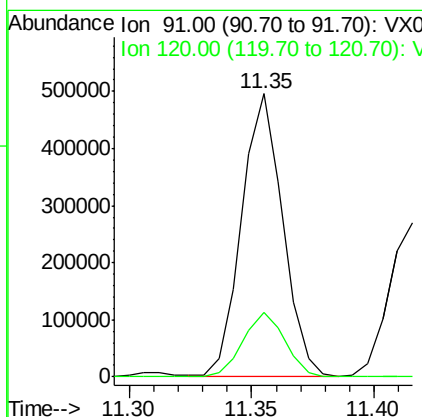
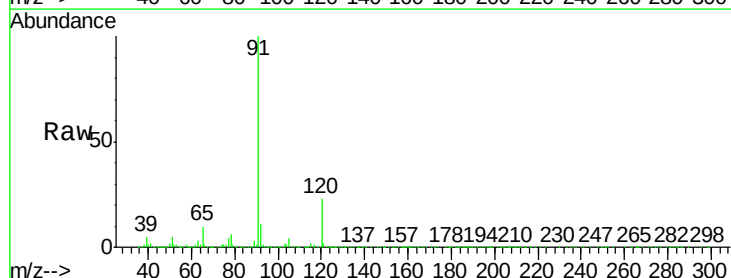
RT: 11.35 min Scan# 1717

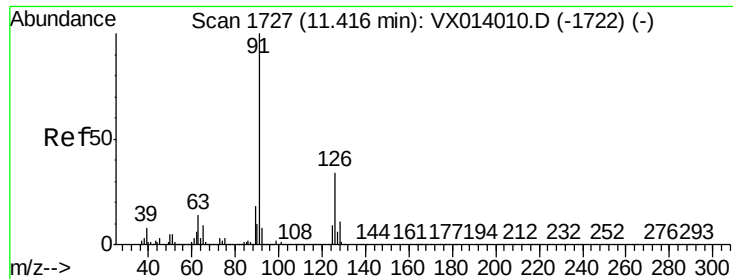
Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Tgt Ion:	91	Resp:	575697
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.7	35.0





#79

2-Chlorotoluene

Concen: 18.613 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

Tot Ion: 91 Resp: 340152

Ion Ratio Lower Upper

91 100

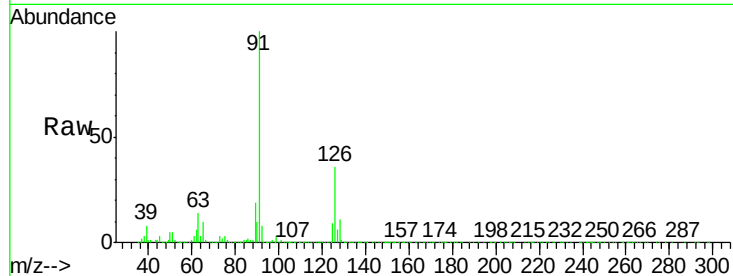
126 35.0 17.2 51.6

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

500000

400000

300000

200000

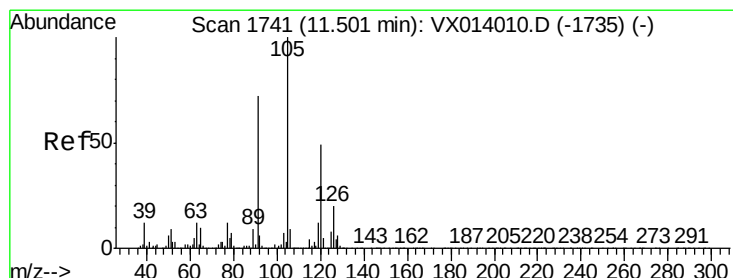
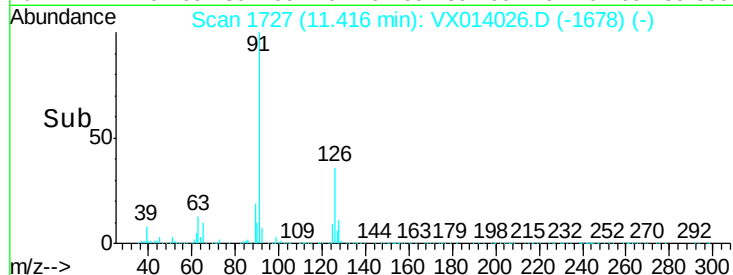
100000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.904 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014026.D

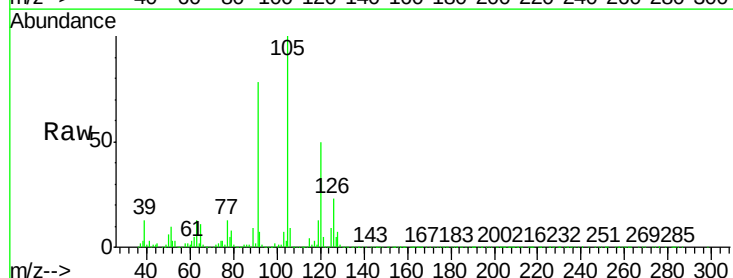
Acq: 16 Dec 2019 11:44

Tgt Ion: 105 Resp: 426409

Ion Ratio Lower Upper

105 100

120 50.1 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

200000

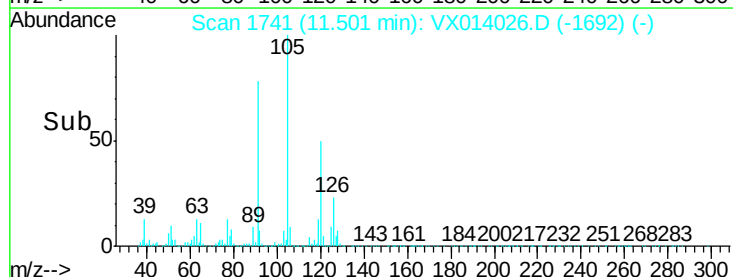
100000

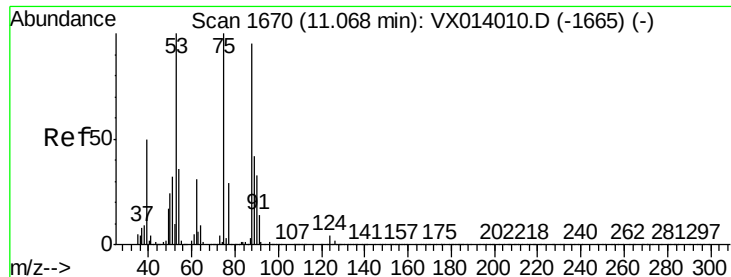
0

11.50

11.60

Time-->





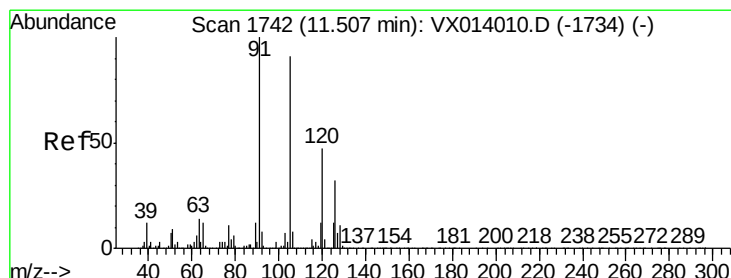
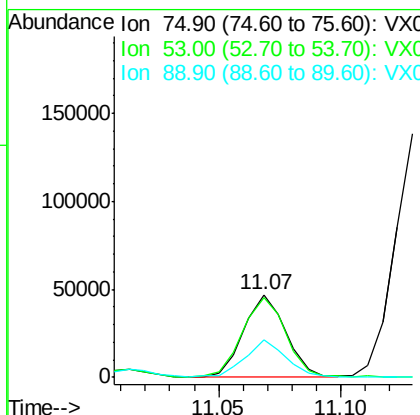
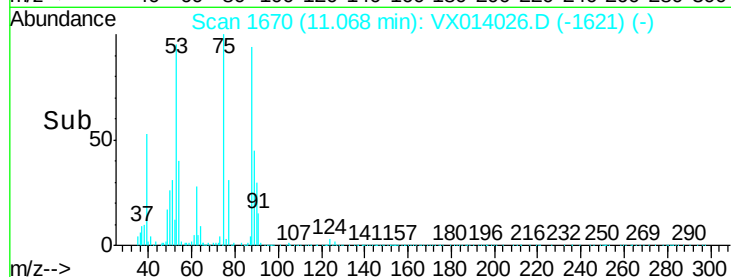
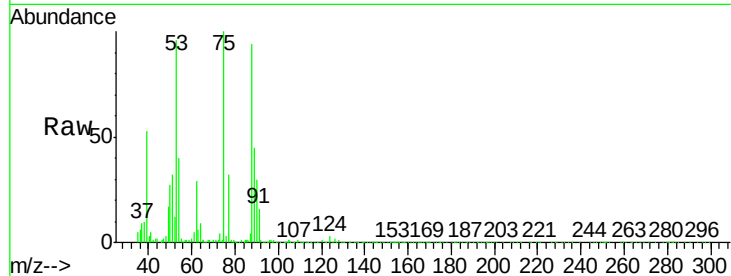
#81
trans-1,4-Dichloro-2-butene
Concen: 18.798 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.4	76.7	115.1
89	46.0	34.6	51.8

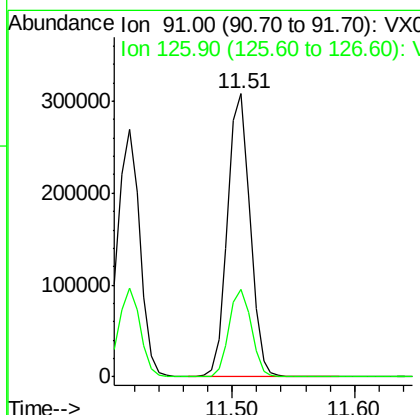
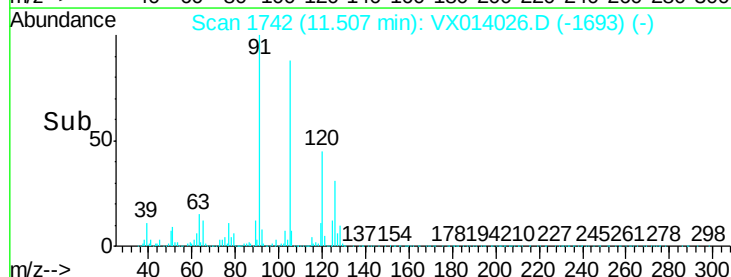
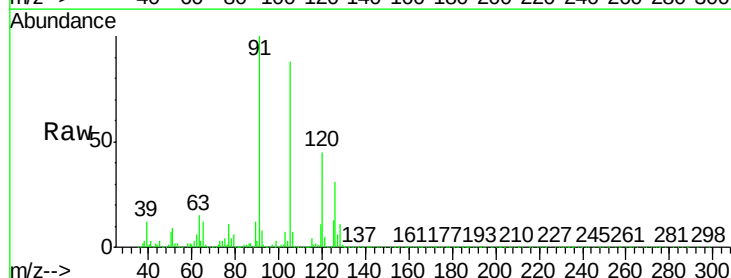
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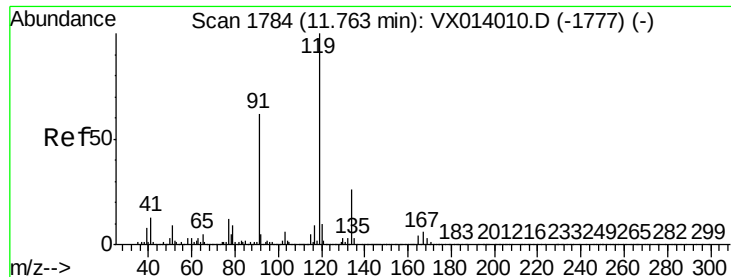
apatel
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#82
4-Chlorotoluene
Concen: 18.494 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.6	46.8





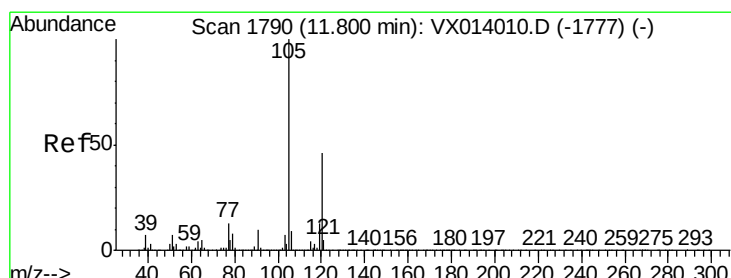
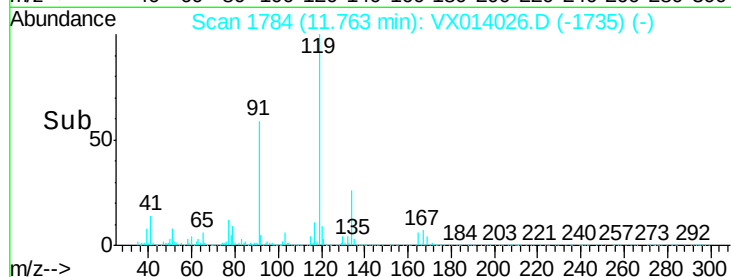
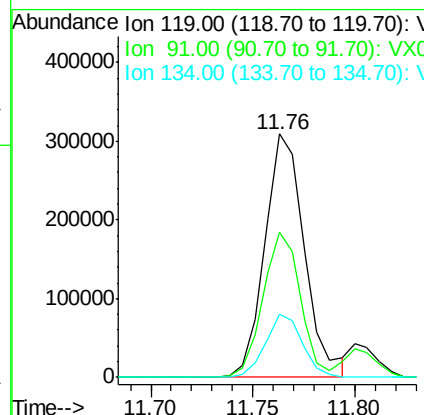
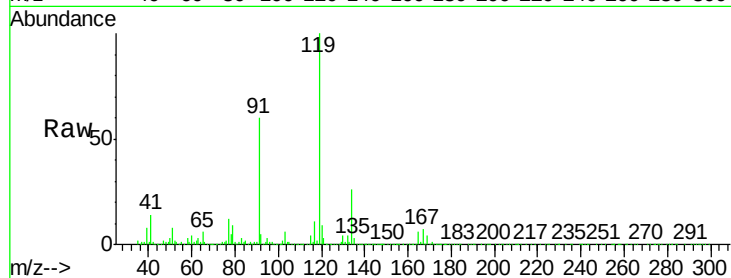
#83
tert-Butylbenzene
Concen: 19.115 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.0	28.5	85.6
134	24.3	12.2	36.6

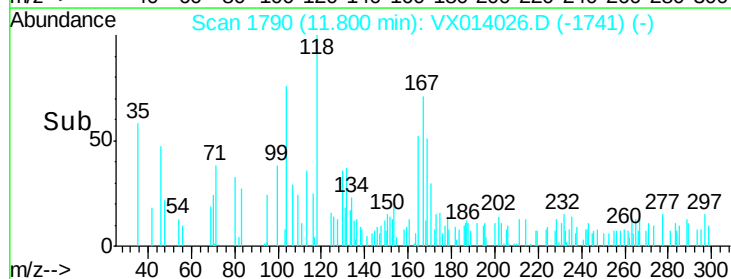
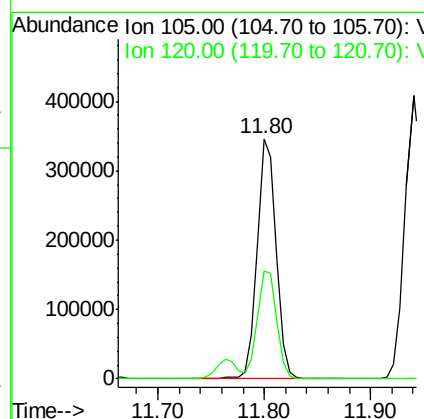
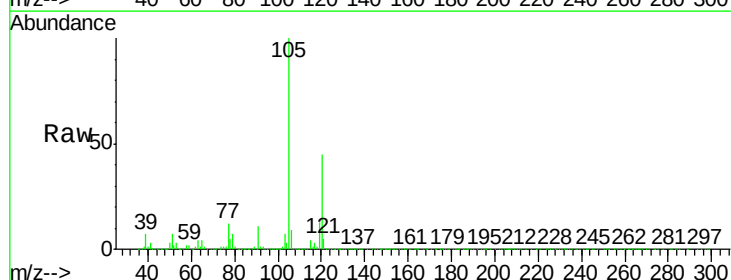
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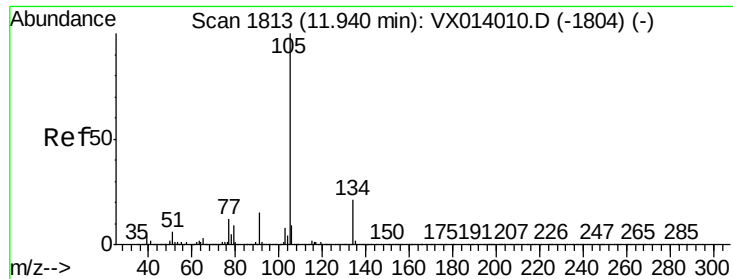
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#84
1,2,4-Trimethylbenzene
Concen: 19.129 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.1	69.2





#85

sec-Butylbenzene

Concen: 19.005 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBSD01

Tot Ion:105 Resp: 492513

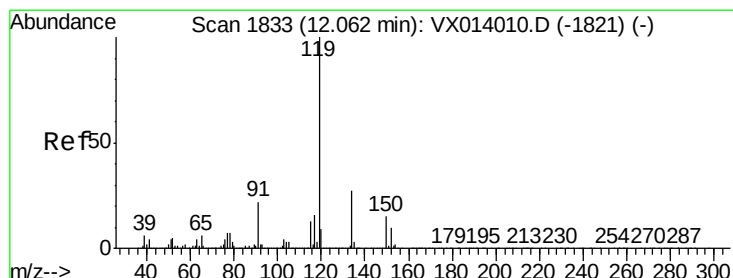
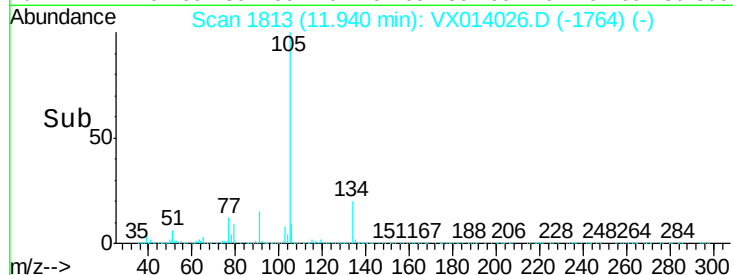
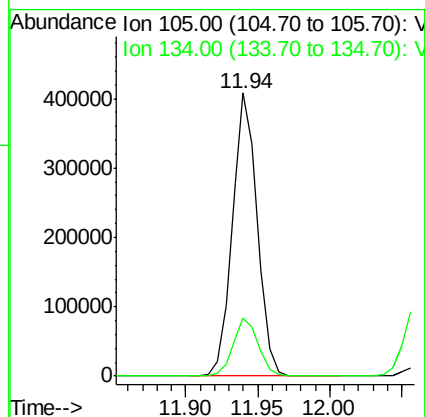
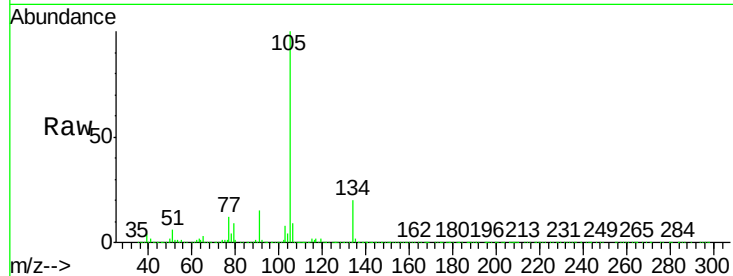
Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 19.016 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

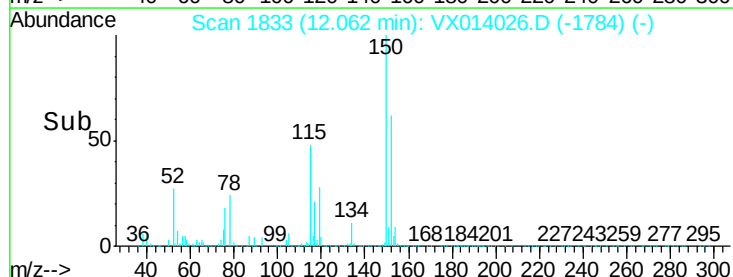
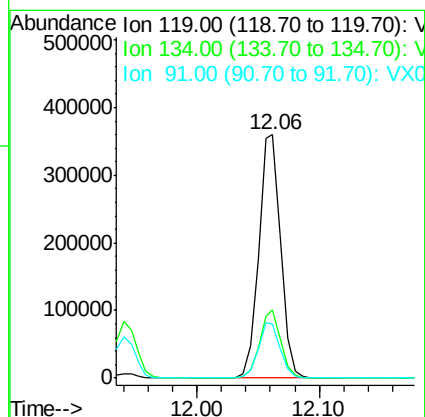
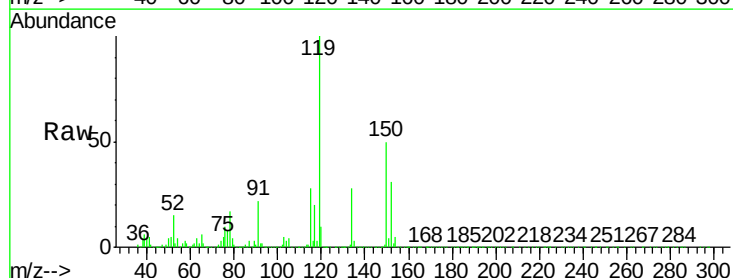
Tgt Ion:119 Resp: 450764

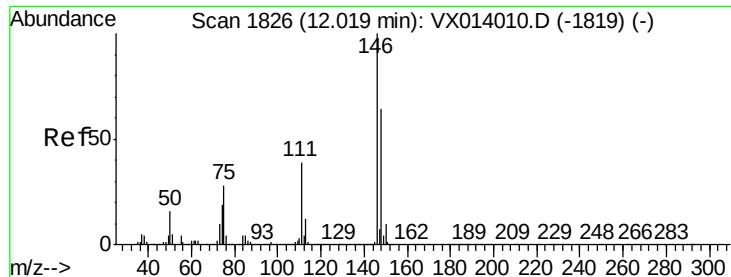
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 22.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 17.901 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

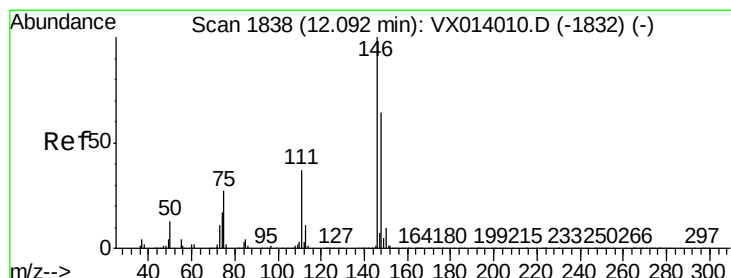
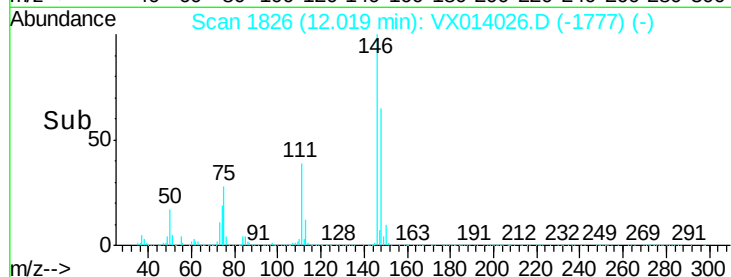
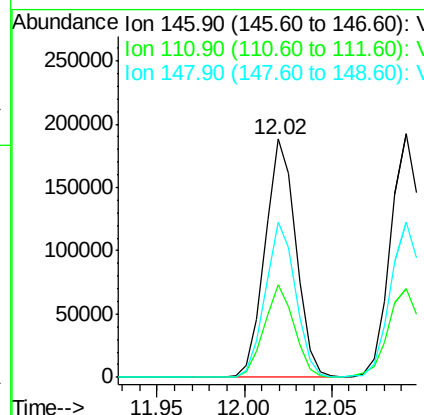
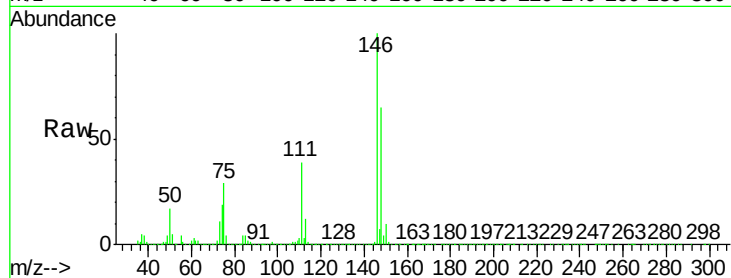
ClientSampleId :

VX1216WBSD01

Tot Ion:	146	Resp:	231364
Ion Ratio	Lower	Upper	
146	100		
111	37.6	19.1	57.1
148	64.0	32.3	96.9

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#88

1,4-Dichlorobenzene

Concen: 17.728 ug/l

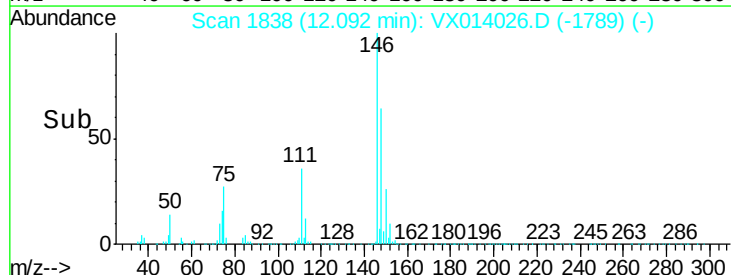
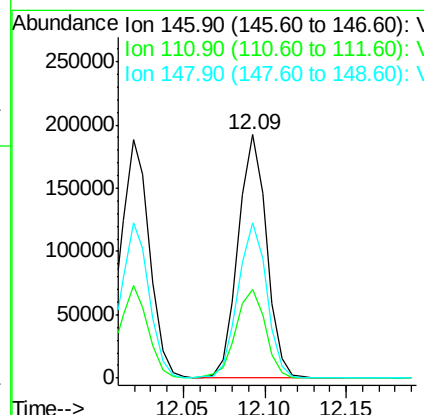
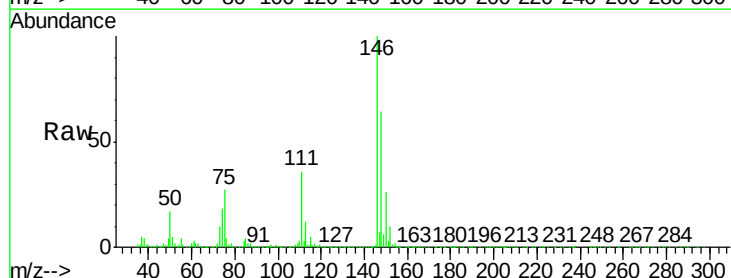
RT: 12.09 min Scan# 1838

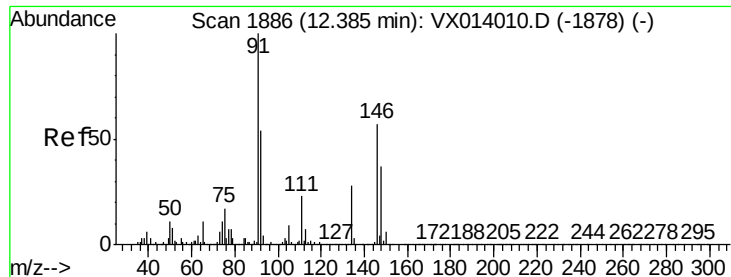
Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Tgt Ion:	146	Resp:	232969
Ion Ratio	Lower	Upper	
146	100		
111	38.5	18.7	56.1
148	64.6	31.9	95.9





#89

n-Butylbenzene

Concen: 18.705 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

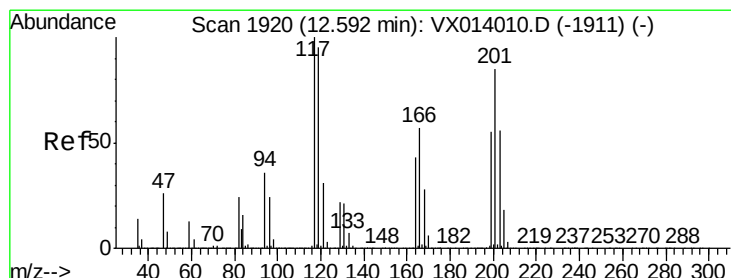
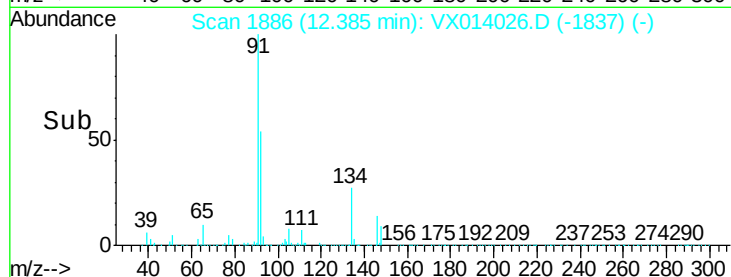
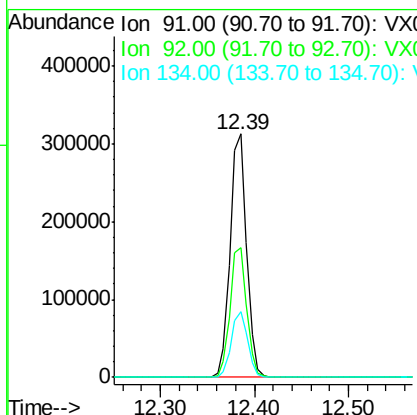
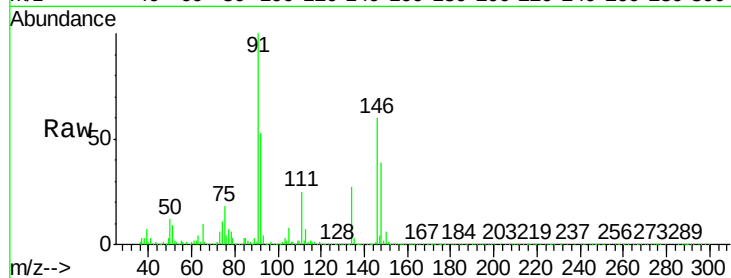
ClientSampleId :

VX1216WBSD01

Tot Ion:	91	Resp:	378338
Ion Ratio	Lower	Upper	
91	100		
92	54.2	27.2	81.6
134	26.8	13.4	40.1

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#90

Hexachloroethane

Concen: 18.488 ug/l

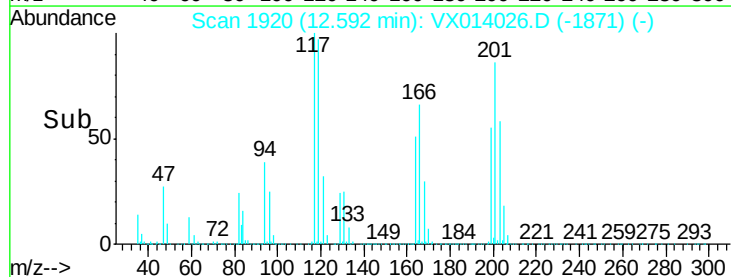
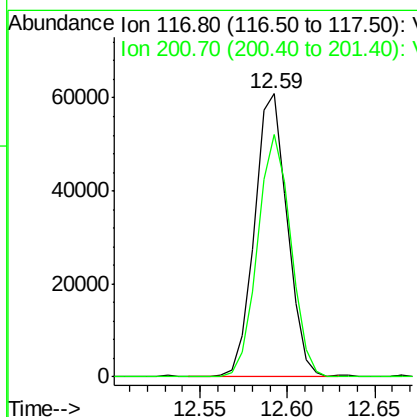
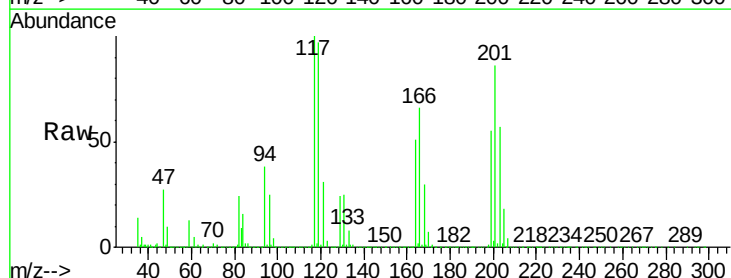
RT: 12.59 min Scan# 1920

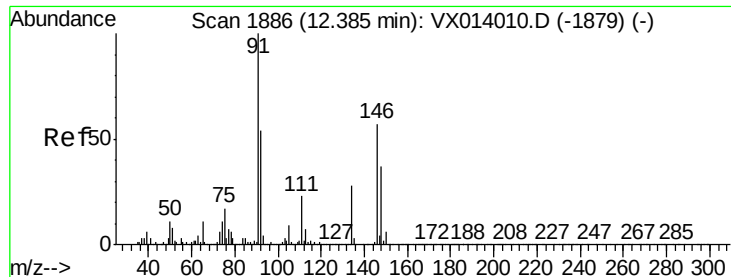
Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Tgt Ion:	117	Resp:	78717
Ion Ratio	Lower	Upper	
117	100		
201	87.1	43.1	129.3





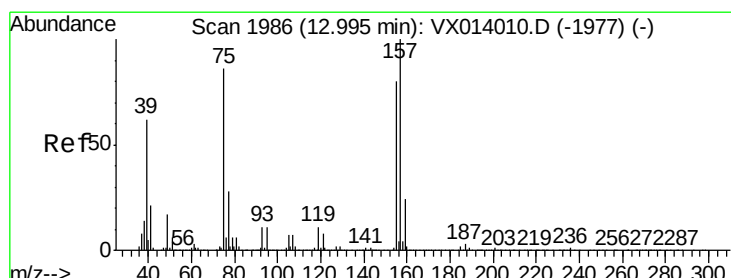
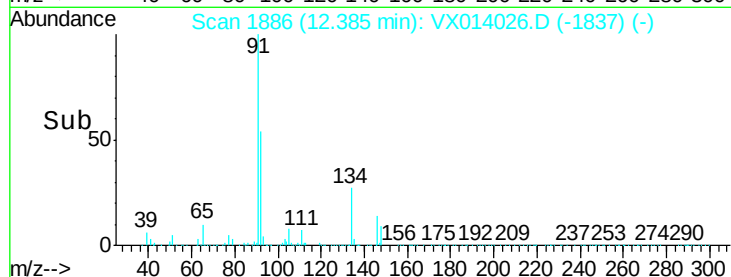
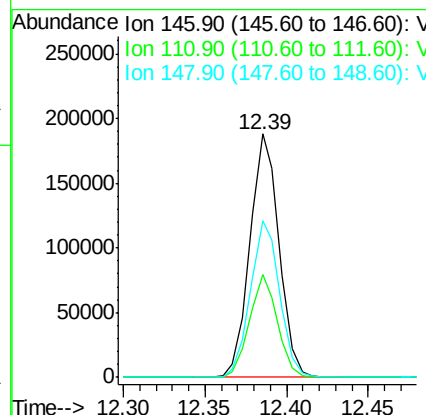
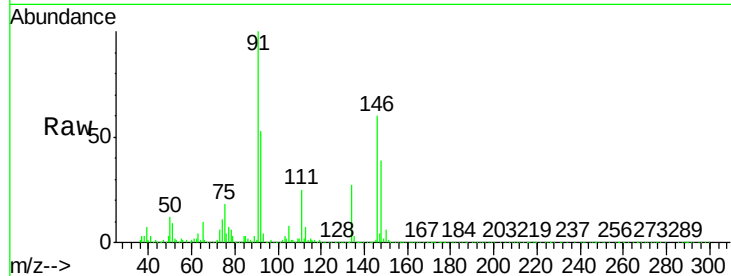
#91
 1,2-Dichlorobenzene
 Concen: 18.002 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014026.D
 Acq: 16 Dec 2019 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.7	59.1
148	64.7	32.1	96.5

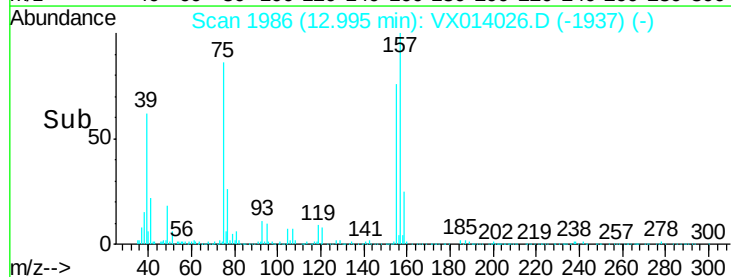
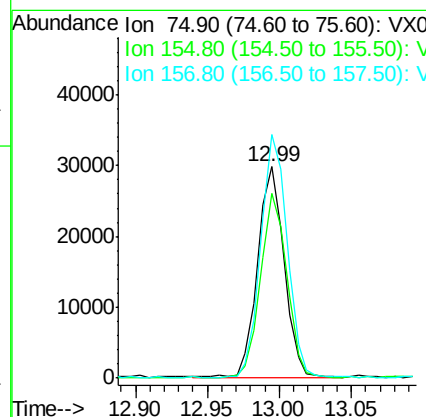
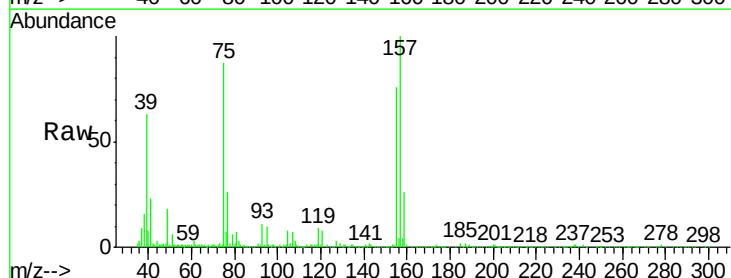
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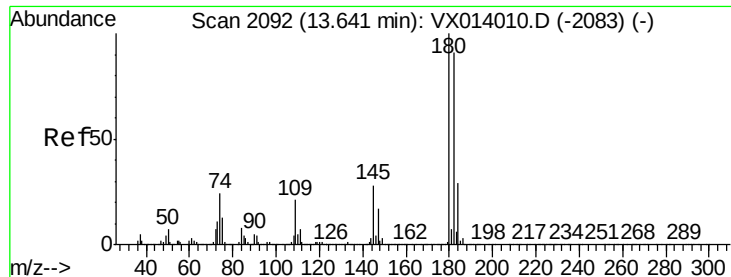
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.192 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014026.D
 Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.9	46.9	140.6
157	117.2	60.8	182.4





#93

1,2,4-Trichlorobenzene

Concen: 18.067 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Instrument :

MSVOA_X

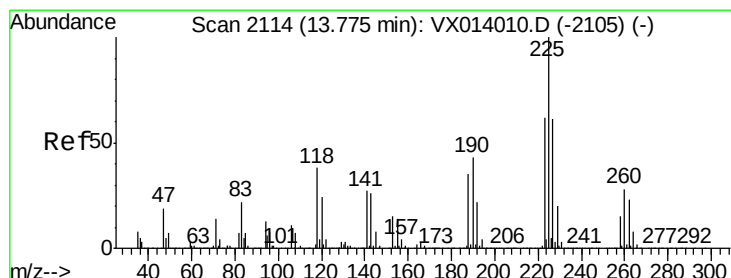
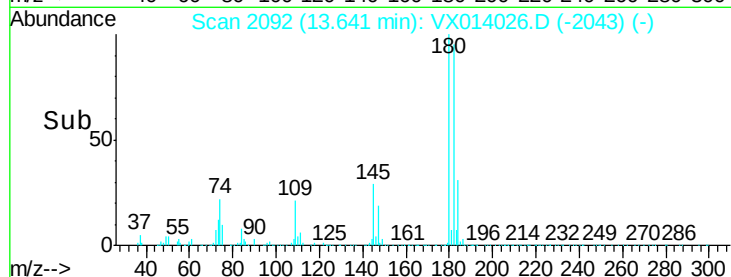
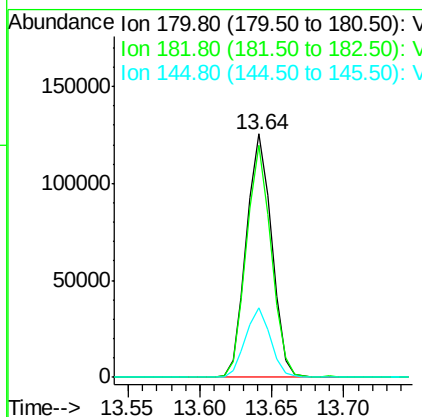
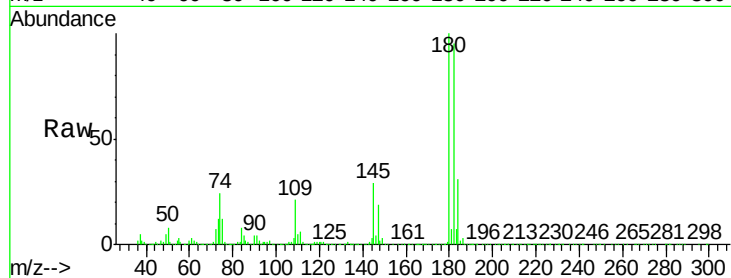
ClientSampleId :

VX1216WBSD01

Tot Ion:	180	Resp:	152782
Ion Ratio	Lower	Upper	
180	100		
182	93.1	46.6	139.8
145	28.5	14.2	42.6

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#94

Hexachlorobutadiene

Concen: 18.366 ug/l

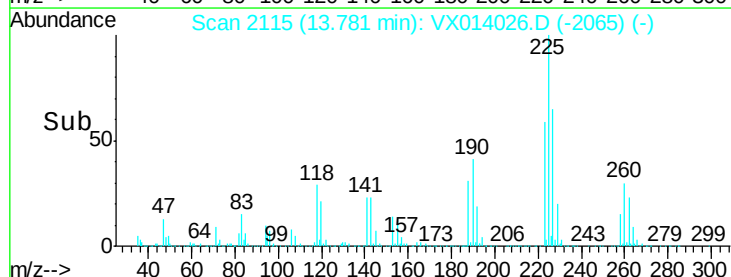
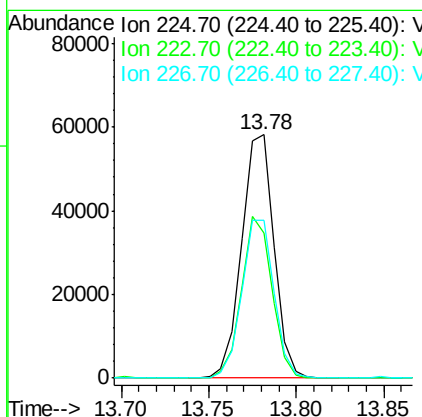
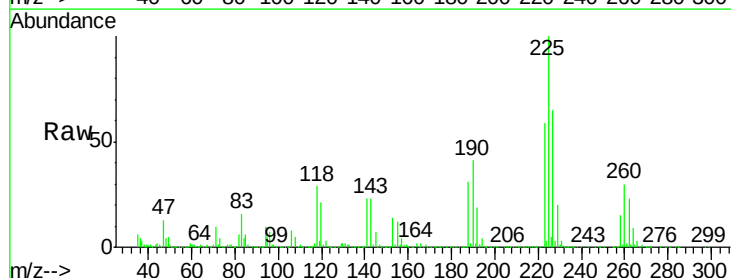
RT: 13.78 min Scan# 2115

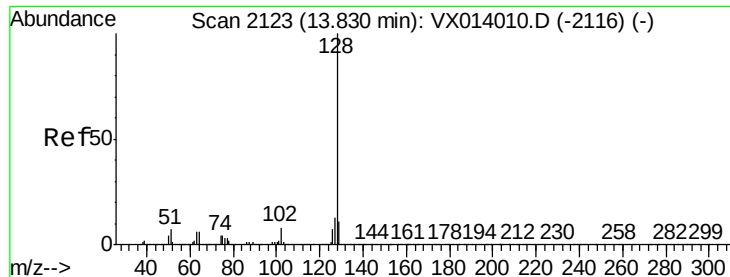
Delta R.T. 0.01 min

Lab File: VX014026.D

Acq: 16 Dec 2019 11:44

Tgt Ion:	225	Resp:	74640
Ion Ratio	Lower	Upper	
225	100		
223	62.7	30.9	92.5
227	65.0	30.9	92.7





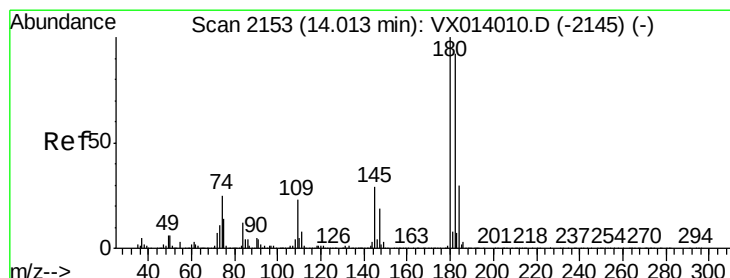
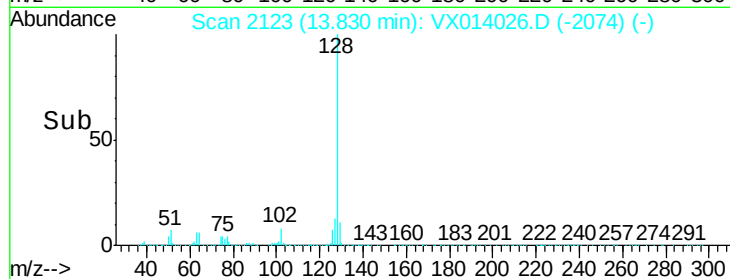
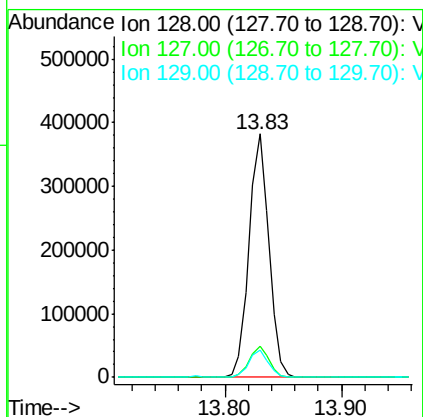
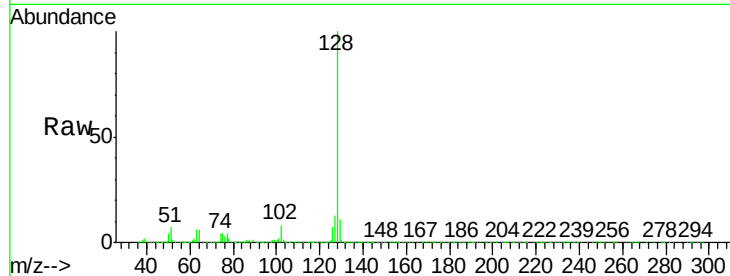
#95
Naphthalene
Concen: 18.452 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.1	8.7	13.1

Manual Integrations
APPROVED

apatel
12/17/2019 4:50:11 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.081 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014026.D
Acq: 16 Dec 2019 11:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	46.8	140.3
145	29.7	14.8	44.4

