

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013637.D
 Acq On : 27 Nov 2019 06:58
 Operator : JC/SP
 Sample : K5968-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20191121MS

Manual Integrations
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Quant Time: Nov 27 07:37:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	672619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1037202	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	946615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	467196	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	368652	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
35) Dibromofluoromethane	5.49	113	306905	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
50) Toluene-d8	8.71	98	1173958	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
62) 4-Bromofluorobenzene	11.14	95	421782	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	382129	51.041	ug/l	98
3) Chloromethane	1.31	50	421314	50.153	ug/l	99
4) Vinyl Chloride	1.40	62	484593	51.253	ug/l	98
5) Bromomethane	1.63	94	270287	42.567	ug/l	98
6) Chloroethane	1.71	64	262244	48.741	ug/l	97
7) Trichlorofluoromethane	1.92	101	509920	48.569	ug/l	98
8) Diethyl Ether	2.18	74	237848	50.075	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	304729	47.518	ug/l	98
10) Methyl Iodide	2.50	142	415289	53.535	ug/l	100
11) Tert butyl alcohol	3.03	59	436554	226.527	ug/l	98
12) 1,1-Dichloroethene	2.36	96	314703	49.164	ug/l	98
13) Acrolein	2.28	56	279002	217.281	ug/l	100
14) Allyl chloride	2.72	41	544338	46.859	ug/l	99
15) Acrylonitrile	3.13	53	974493	244.970	ug/l	99
16) Acetone	2.43	43	846617	219.632	ug/l	99
17) Carbon Disulfide	2.56	76	857318	46.982	ug/l	99
18) Methyl Acetate	2.76	43	503925	46.947	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1051040	49.565	ug/l	99
20) Methylene Chloride	2.84	84	359965	48.607	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	341789	49.014	ug/l	99
22) Diisopropyl ether	3.84	45	1118803	50.018	ug/l	99
23) Vinyl Acetate	3.80	43	4244170	228.087	ug/l	100
24) 1,1-Dichloroethane	3.69	63	606696	49.616	ug/l	100
25) 2-Butanone	4.65	43	1380021	240.891	ug/l	100
26) 2,2-Dichloropropane	4.57	77	335383	33.151	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	388049	48.457	ug/l	97
28) Bromochloromethane	5.00	49	249364	51.606	ug/l	99
29) Tetrahydrofuran	5.11	42	897478	254.125	ug/l	99
30) Chloroform	5.20	83	595137	47.992	ug/l	96
31) Cyclohexane	5.57	56	557978	48.380	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	509532	49.169	ug/l	99
36) 1,1-Dichloropropene	5.79	75	448468	47.632	ug/l	98
37) Ethyl Acetate	4.82	43	487678	46.171	ug/l	100
38) Carbon Tetrachloride	5.78	117	431320	49.682	ug/l	99

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Quant Time: Nov 27 07:37:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	548461	47.127	ug/l	98
40) Benzene	6.13	78	1400618	48.844	ug/l	99
41) Methacrylonitrile	5.03	41	294632	50.863	ug/l	99
42) 1,2-Dichloroethane	6.19	62	477601	48.837	ug/l	100
43) Isopropyl Acetate	6.44	43	820928	47.209	ug/l	100
44) Trichloroethene	7.21	130	376359	47.822	ug/l	95
45) 1,2-Dichloropropane	7.51	63	361524	50.390	ug/l	97
46) Dibromomethane	7.65	93	235763	48.384	ug/l	100
47) Bromodichloromethane	7.89	83	459091	49.837	ug/l	100
48) Methyl methacrylate	7.76	41	426827	50.518	ug/l	98
49) 1,4-Dioxane	7.73	88	188427	996.337	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2731686	249.740	ug/l	100
52) Toluene	8.78	92	879182	49.352	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	490952	46.823	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	544395	47.523	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	359565	50.087	ug/l	98
56) Ethyl methacrylate	9.17	69	573337	49.675	ug/l	99
57) 1,3-Dichloropropane	9.37	76	600967	48.567	ug/l	100
59) 2-Hexanone	9.48	43	2104870	246.734	ug/l	99
60) Dibromochloromethane	9.57	129	372712	50.027	ug/l	100
61) 1,2-Dibromoethane	9.67	107	374860	48.891	ug/l	100
64) Tetrachloroethene	9.33	164	329821	46.722	ug/l	98
65) Chlorobenzene	10.14	112	939108	47.783	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	348416	49.369	ug/l	99
67) Ethyl Benzene	10.25	91	1657772	49.086	ug/l	98
68) m/p-Xylenes	10.36	106	1265843	97.899	ug/l	100
69) o-Xylene	10.70	106	619508	49.126	ug/l	100
70) Styrene	10.71	104	1045718	49.296	ug/l	99
71) Bromoform	10.85	173	293989	50.345	ug/l #	99
73) Isopropylbenzene	11.01	105	1622891	49.521	ug/l	100
74) N-amyl acetate	10.89	43	699715	46.609	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	567950	49.973	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	445574m	42.403	ug/l	
77) Bromobenzene	11.25	156	425495	48.060	ug/l	99
78) n-propylbenzene	11.35	91	1820962	49.775	ug/l	100
79) 2-Chlorotoluene	11.42	91	1074608	48.967	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1352584	50.358	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	165993	43.217	ug/l	99
82) 4-Chlorotoluene	11.51	91	1231546	48.452	ug/l	100
83) tert-Butylbenzene	11.76	119	1369907	50.185	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1351802	49.589	ug/l	100
85) sec-Butylbenzene	11.94	105	1531761	49.127	ug/l	100
86) p-Isopropyltoluene	12.06	119	1410722	48.635	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	727183	47.119	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	728505	46.344	ug/l	99
89) n-Butylbenzene	12.39	91	1183219	47.827	ug/l	99
90) Hexachloroethane	12.59	117	251967	48.059	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	733881	48.128	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	119670	48.353	ug/l	96
93) 1,2,4-Trichlorobenzene	13.64	180	492915	46.383	ug/l	99

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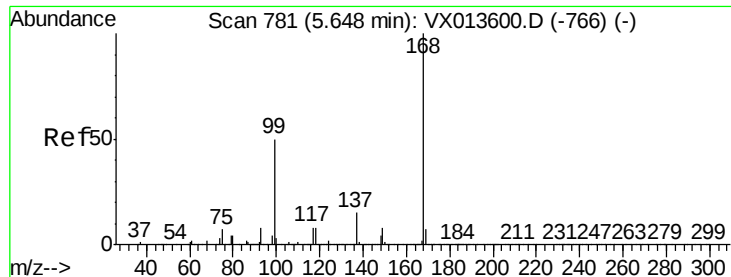
Manual Integrations
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Quant Time: Nov 27 07:37:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	221485	43.386	ug/l	98
95) Naphthalene	13.83	128	1549332	48.955	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	499174	47.441	ug/l	99

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



#1

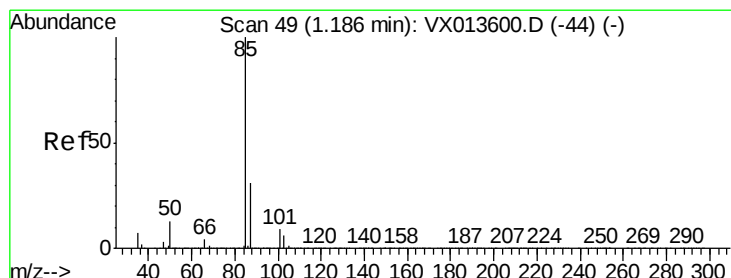
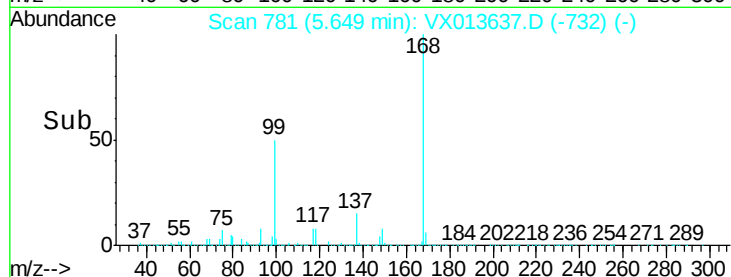
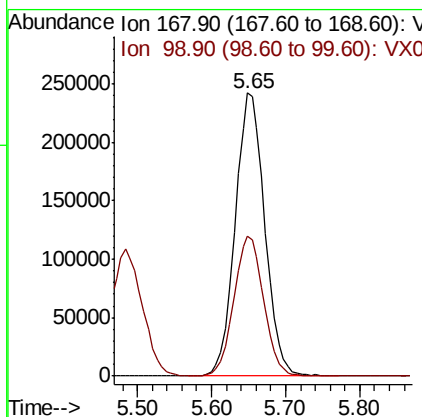
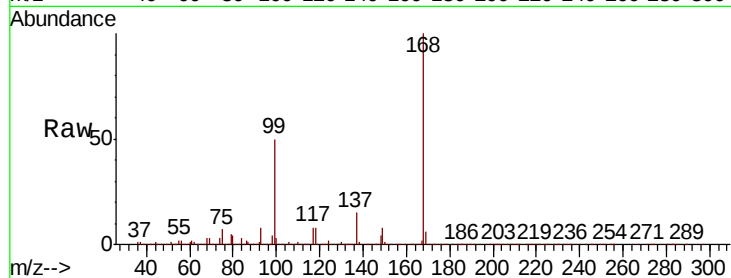
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20191121MS

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.5	39.8	59.8

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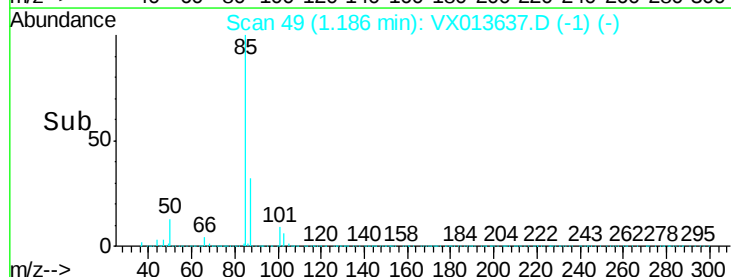
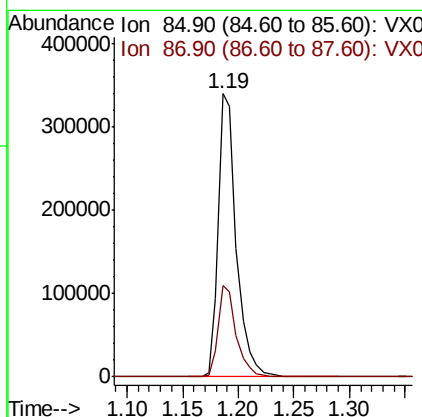
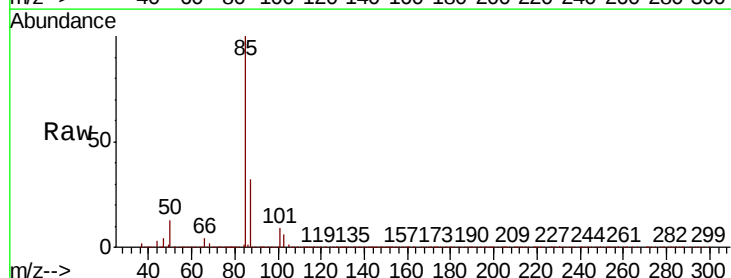
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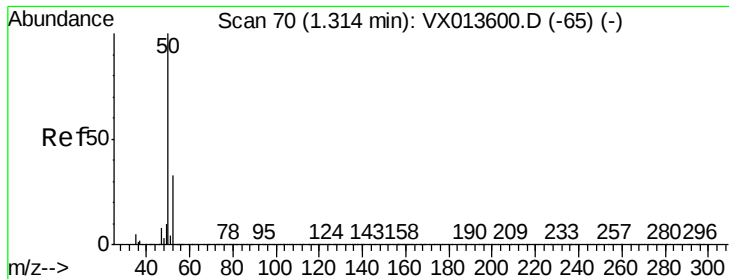


#2

Dichlorodifluoromethane
 Concen: 51.041 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	15.7	47.1





#3

Chloromethane

Concen: 50.153 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20191121MS

Tot Ion: 50 Resp: 421314

Ion Ratio Lower Upper

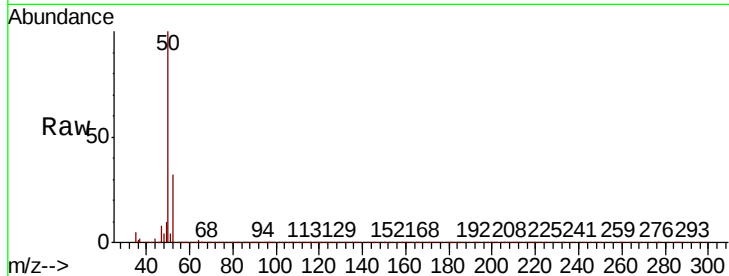
50 100

52 32.2 26.0 39.0

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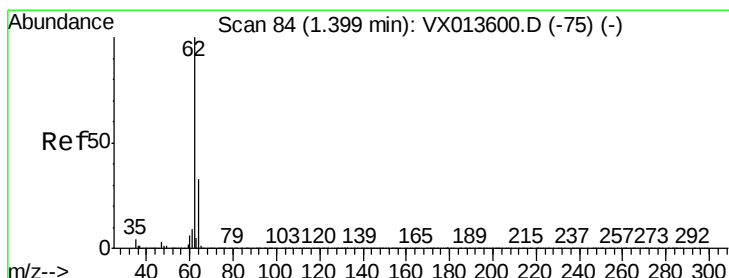
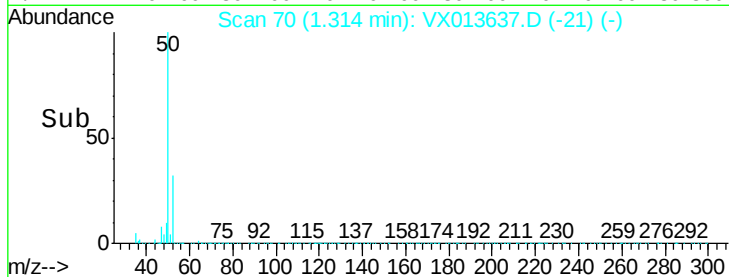
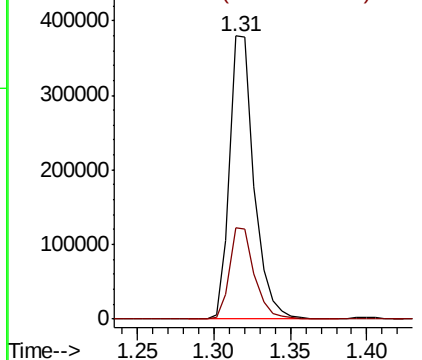
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.253 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013637.D

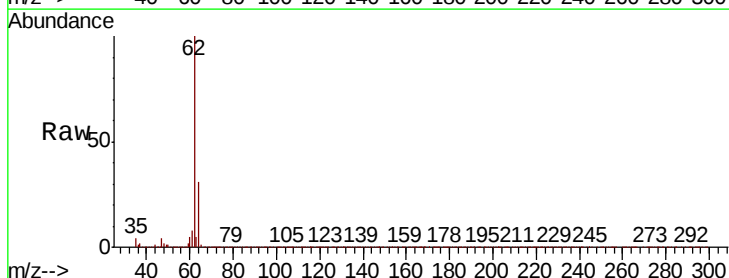
Acq: 27 Nov 2019 06:58

Tgt Ion: 62 Resp: 484593

Ion Ratio Lower Upper

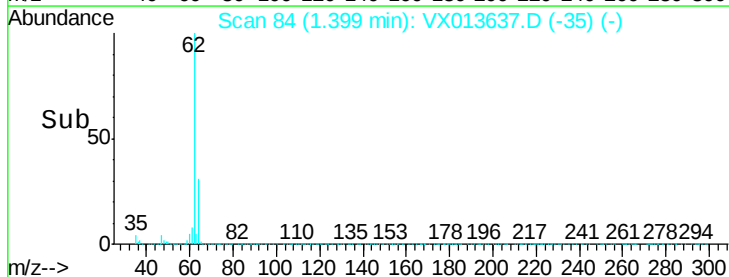
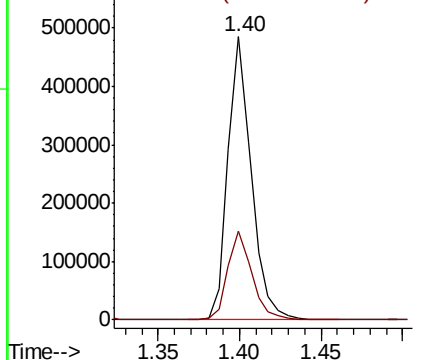
62 100

64 31.3 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 42.567 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20191121MS

Tot Ion: 94 Resp: 270287

Ion Ratio Lower Upper

94 100

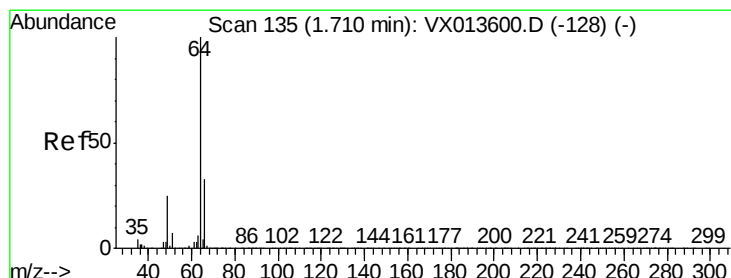
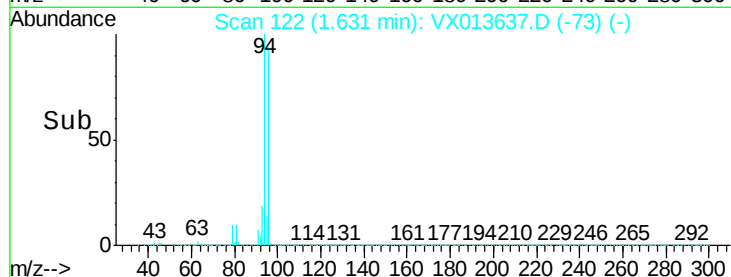
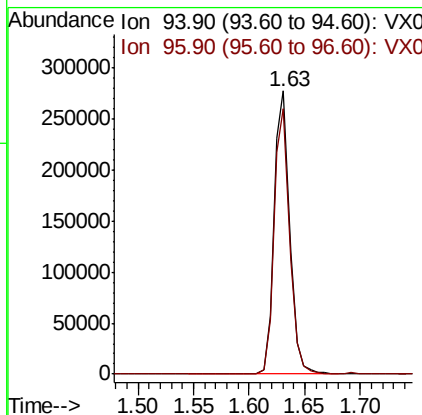
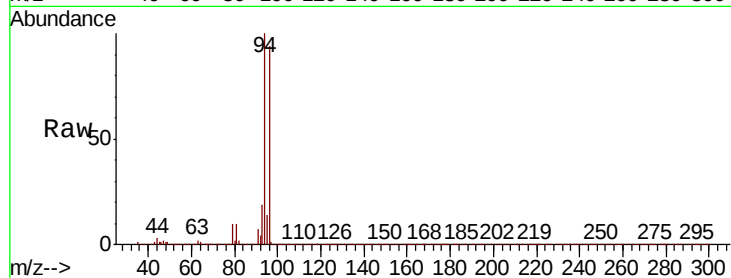
96 93.8 77.0 115.4

Manual Integrations

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#6

Chloroethane

Concen: 48.741 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013637.D

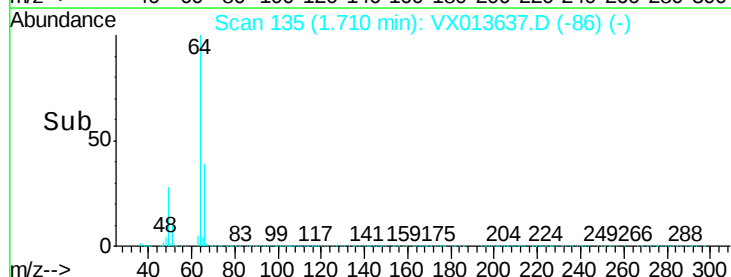
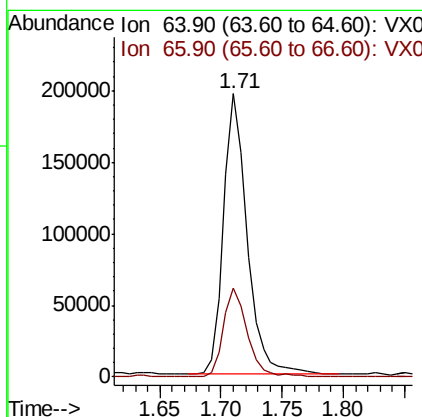
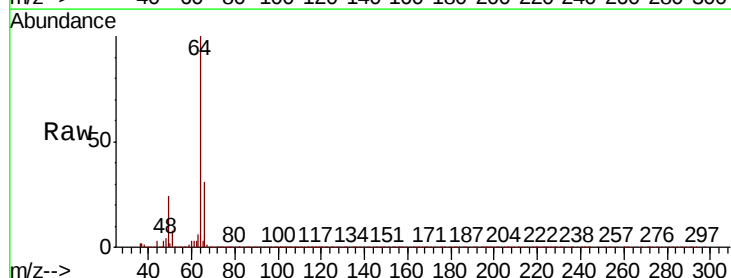
Acq: 27 Nov 2019 06:58

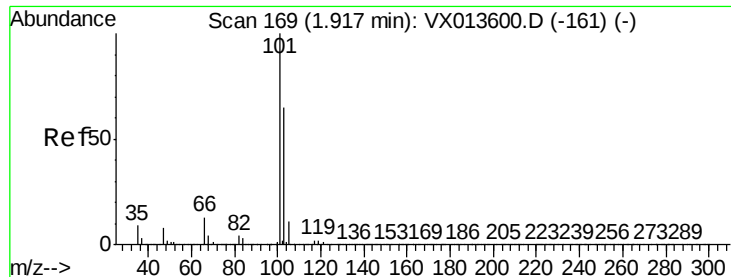
Tgt Ion: 64 Resp: 262244

Ion Ratio Lower Upper

64 100

66 31.5 26.7 40.1





#7

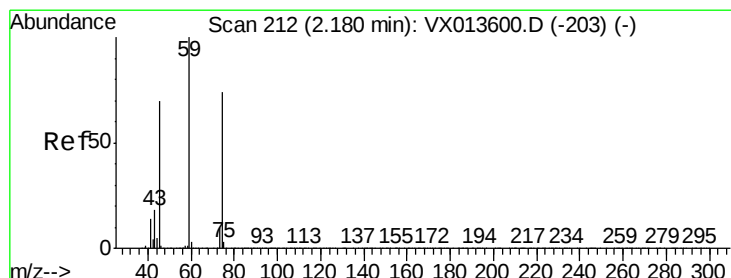
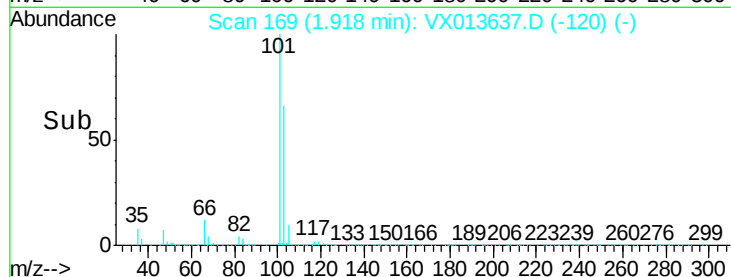
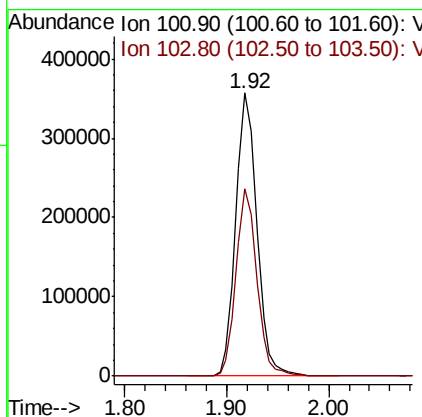
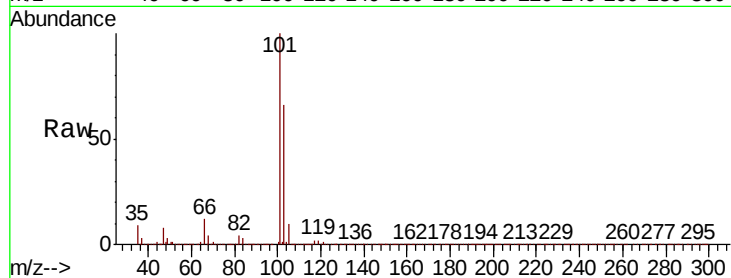
Trichlorofluoromethane
Concen: 48.569 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.2	51.8	77.6

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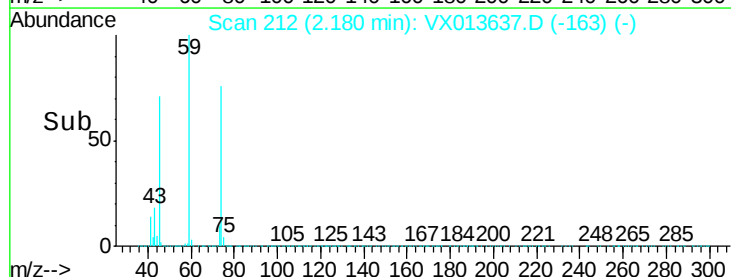
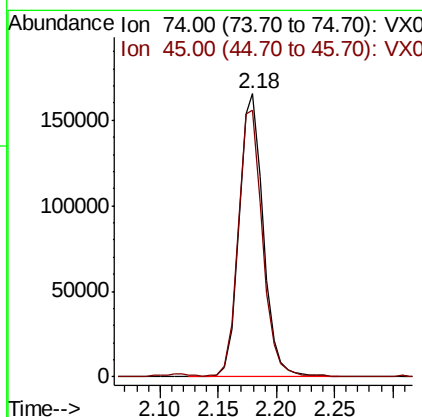
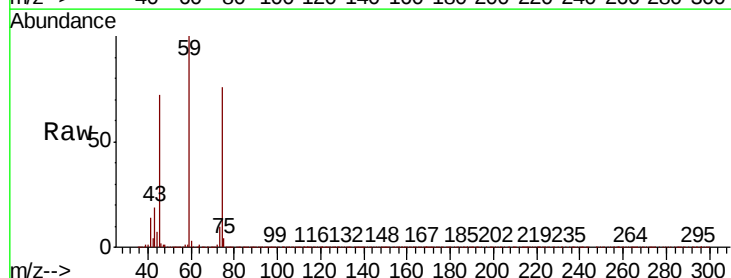
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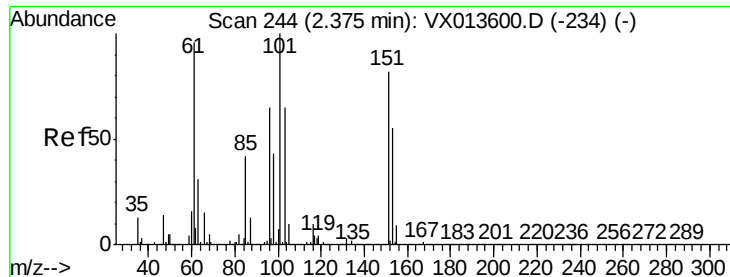


#8

Diethyl Ether
Concen: 50.075 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.7	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.518 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

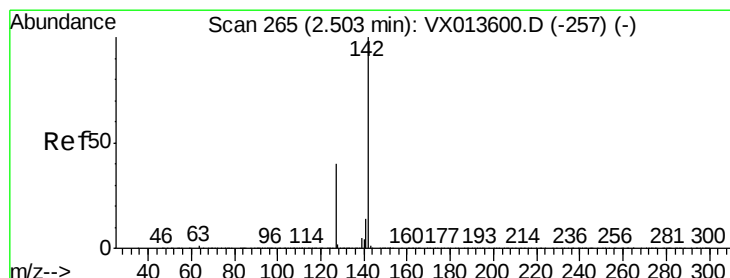
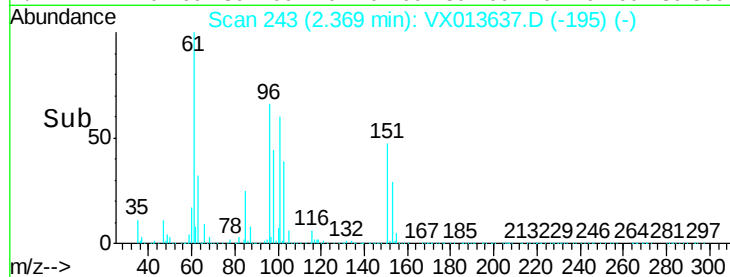
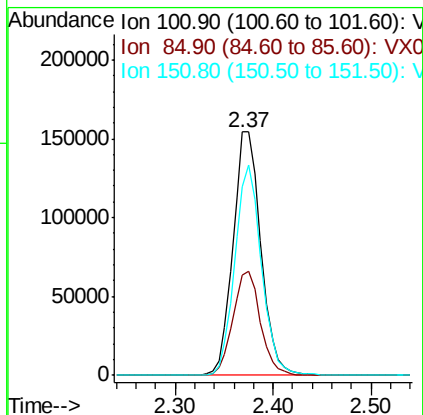
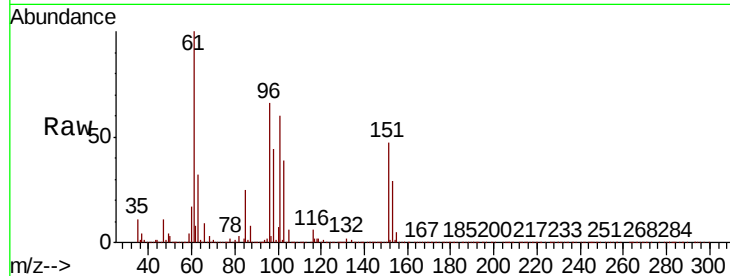
ClientSampleId :

GR-OF-20191121MS

Tot Ion:	101	Resp:	304729
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.9	50.9
151	82.7	64.2	96.2

Manual Integrations
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#10

Methyl Iodide

Concen: 53.535 ug/l

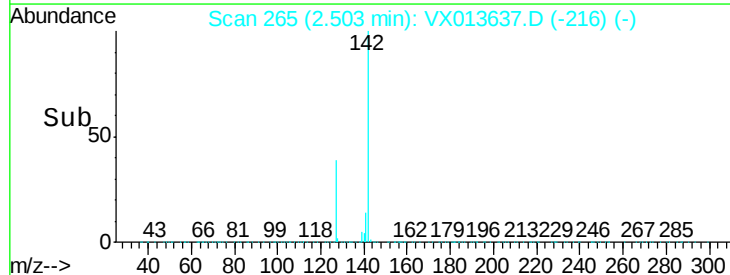
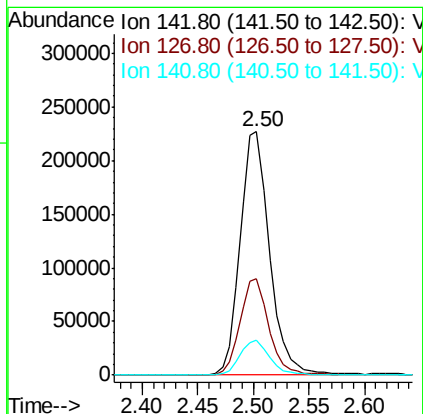
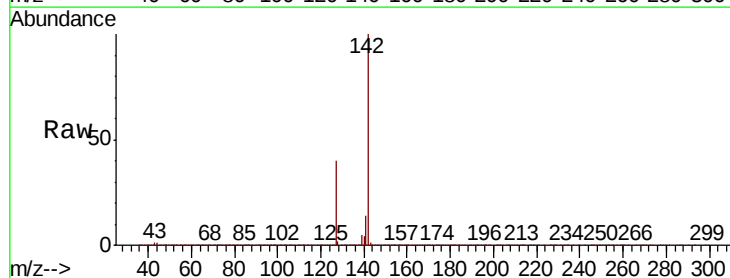
RT: 2.50 min Scan# 265

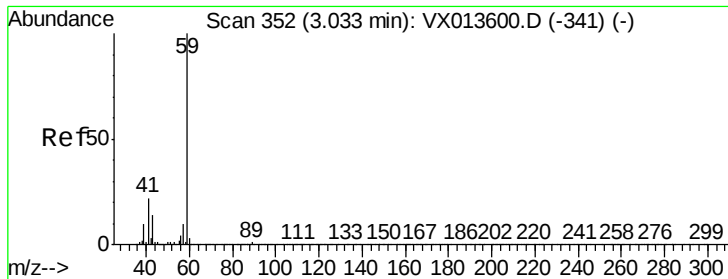
Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Tgt Ion:	142	Resp:	415289
Ion Ratio	Lower	Upper	
142	100		
127	38.9	31.0	46.4
141	14.6	11.6	17.4





#11

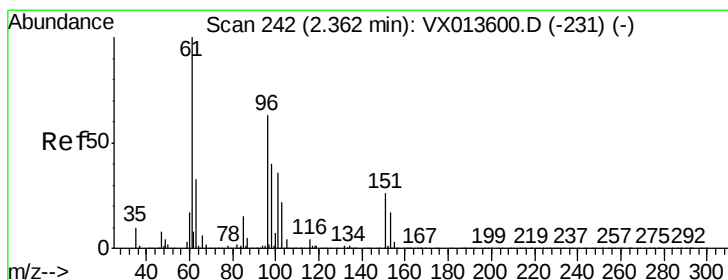
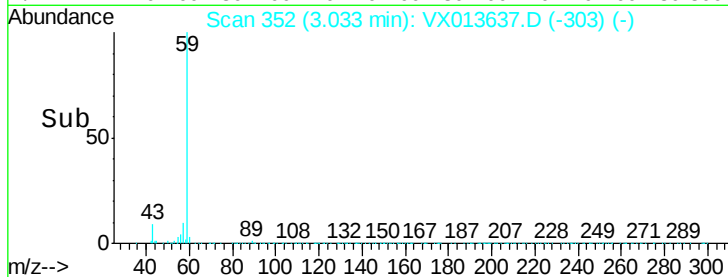
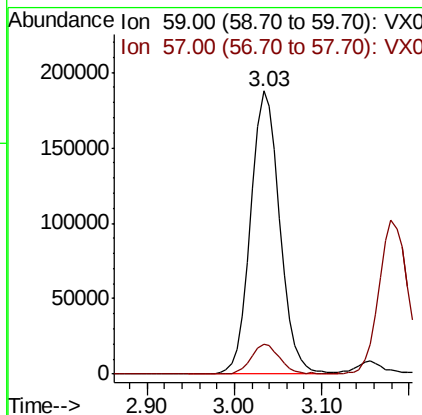
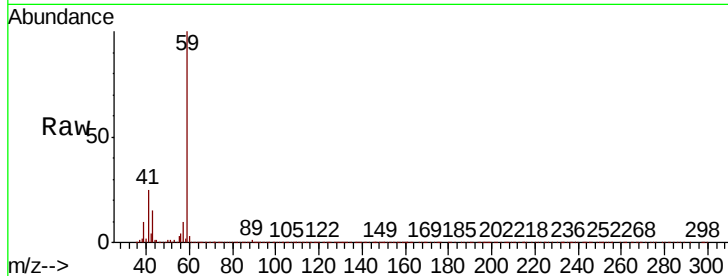
Tert butyl alcohol
Concen: 226.527 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	7.8	11.6

Manual Integrations
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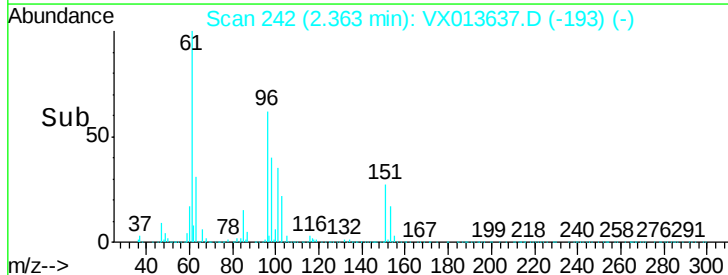
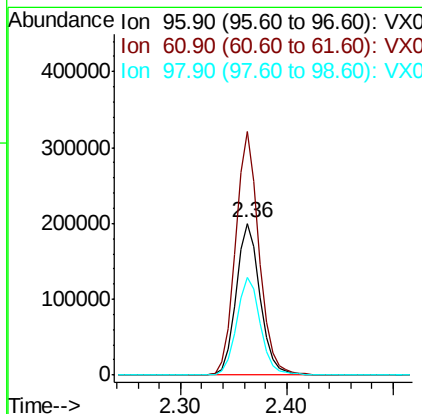
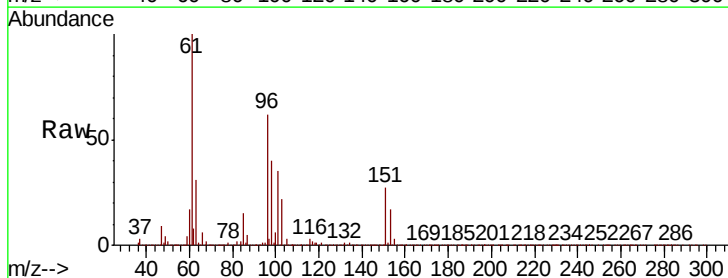
apatel
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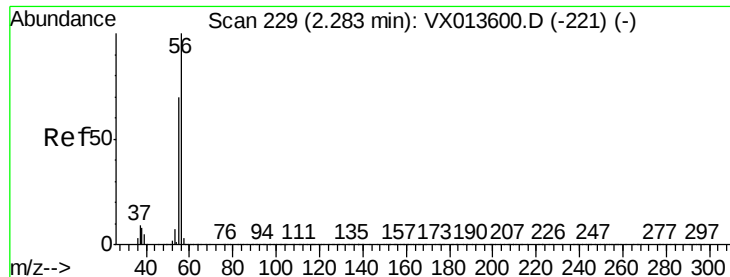


#12

1,1-Dichloroethene
Concen: 49.164 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.8	126.6	190.0
98	64.3	50.6	76.0





#13

Acrolein

Concen: 217.281 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20191121MS

Tot Ion: 56 Resp: 279002

Ion Ratio Lower Upper

56 100

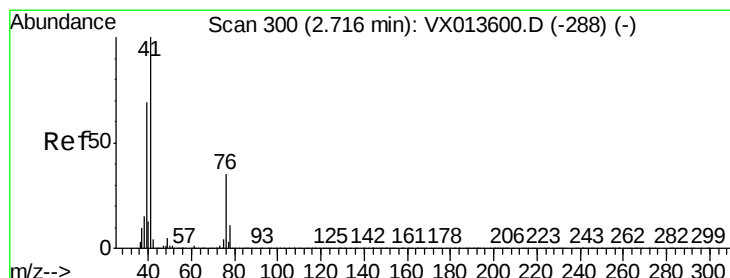
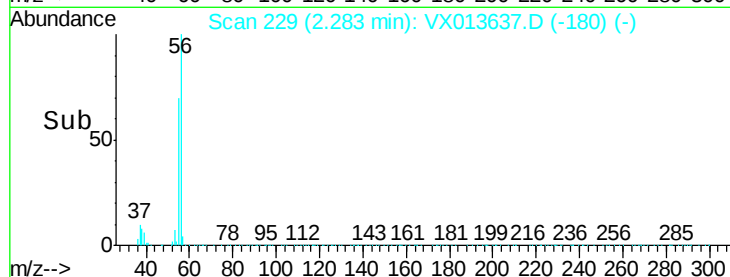
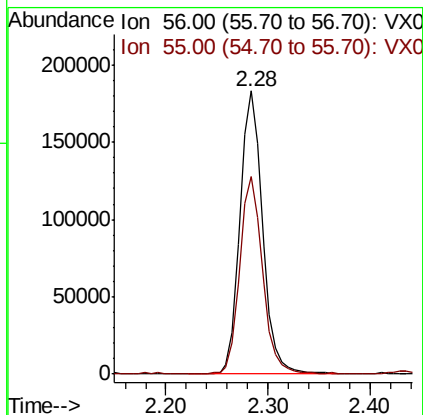
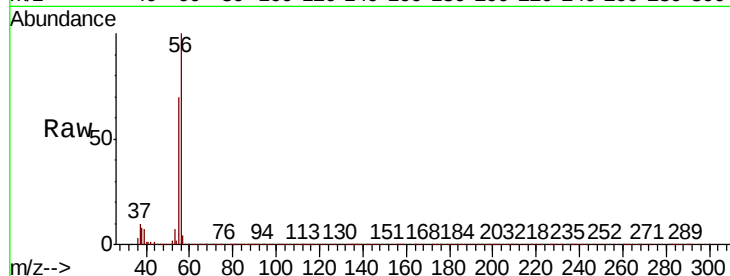
55 70.1 56.2 84.4

Manual Integrations

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#14

Allyl chloride

Concen: 46.859 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

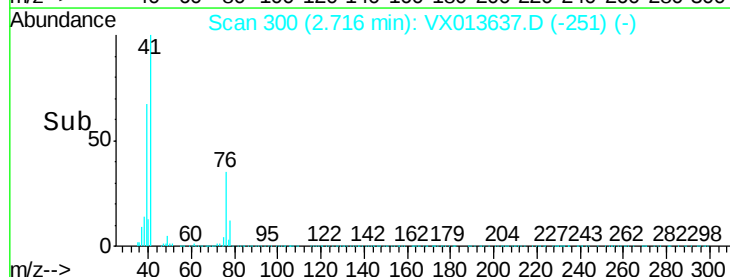
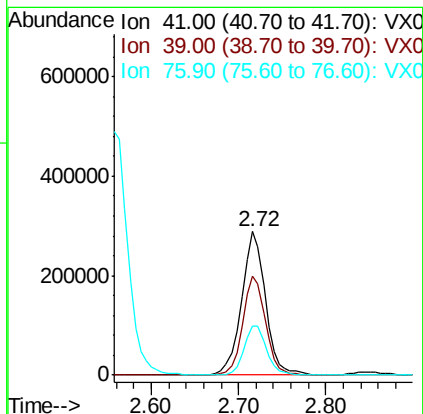
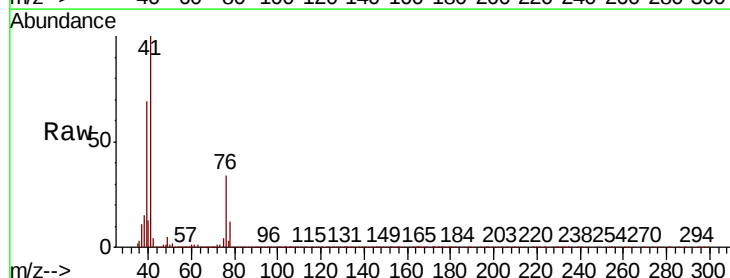
Tgt Ion: 41 Resp: 544338

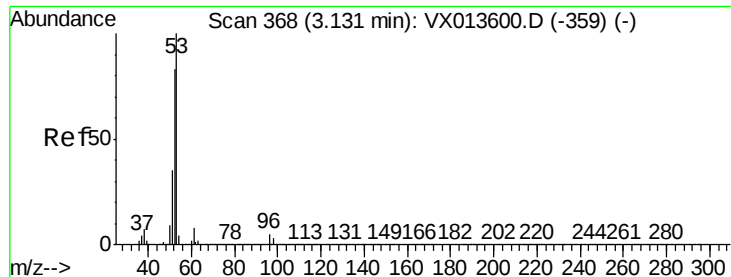
Ion Ratio Lower Upper

41 100

39 65.3 51.7 77.5

76 32.2 25.9 38.9





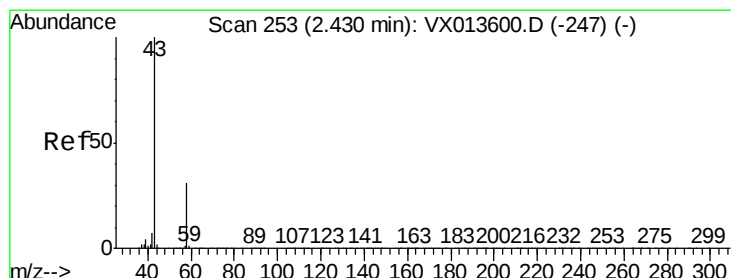
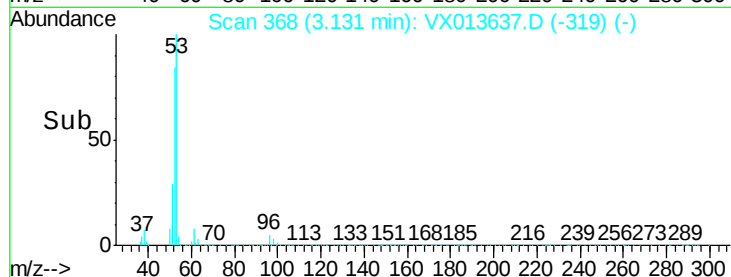
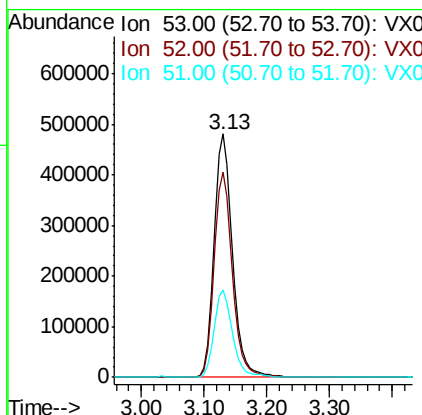
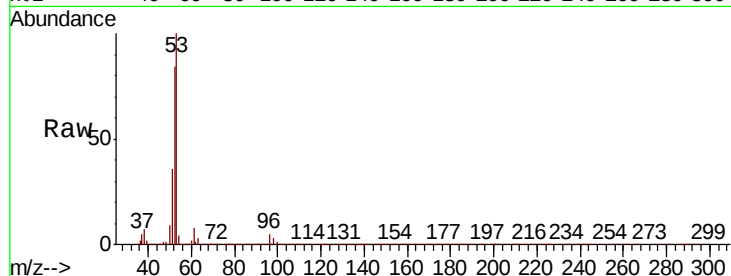
#15
 Acrylonitrile
 Concen: 244.970 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20191121MS

Tot Ion	Ion	Ratio	Lower	Upper
53	53	100		
52	52	83.3	66.2	99.2
51	51	35.9	29.0	43.6

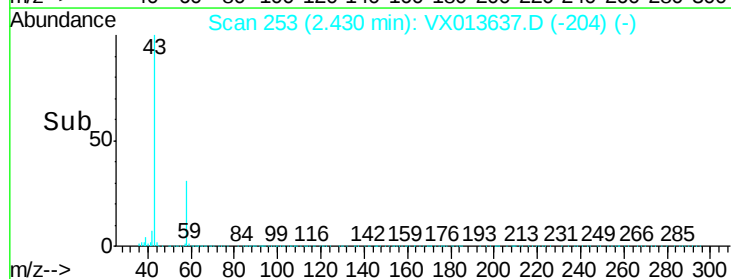
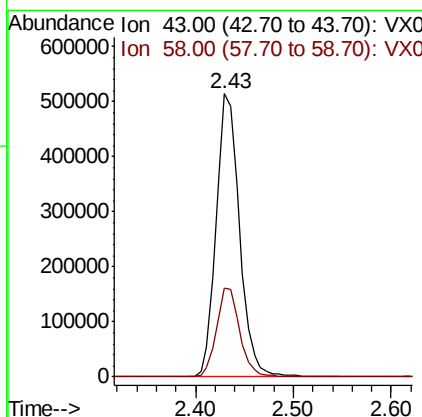
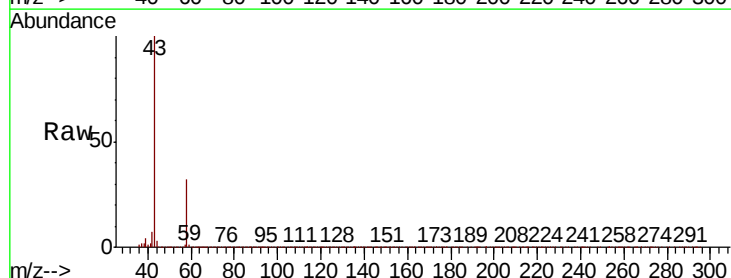
Manual Integrations
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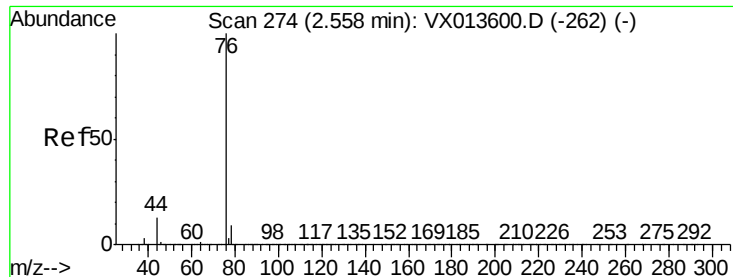
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#16
 Acetone
 Concen: 219.632 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

Tgt Ion	Ion	Ratio	Lower	Upper
43	43	100		
58	58	31.5	24.6	36.8





#17

Carbon Disulfide

Concen: 46.982 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20191121MS

Tot Ion: 76 Resp: 857318

Ion Ratio Lower Upper

76 100

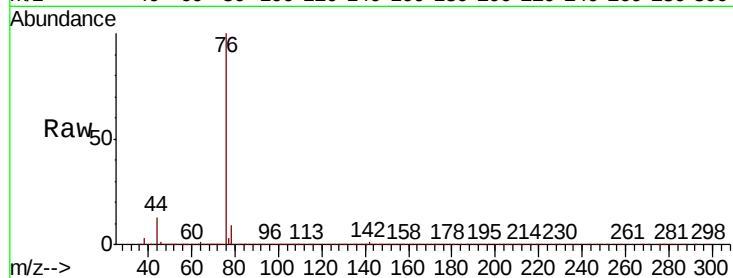
78 9.2 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

500000

400000

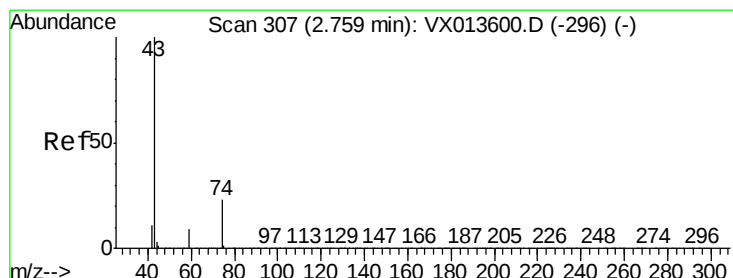
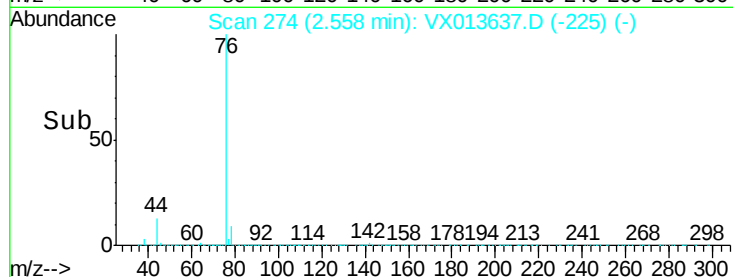
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 46.947 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013637.D

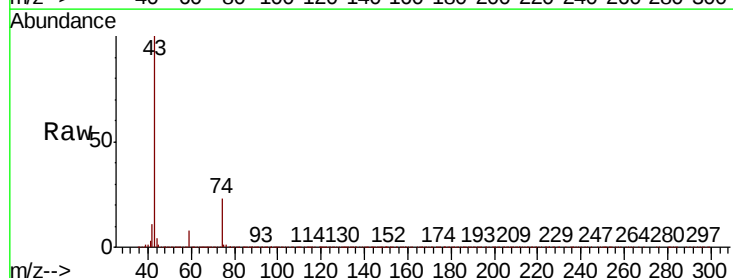
Acq: 27 Nov 2019 06:58

Tgt Ion: 43 Resp: 503925

Ion Ratio Lower Upper

43 100

74 24.3 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

300000

250000

200000

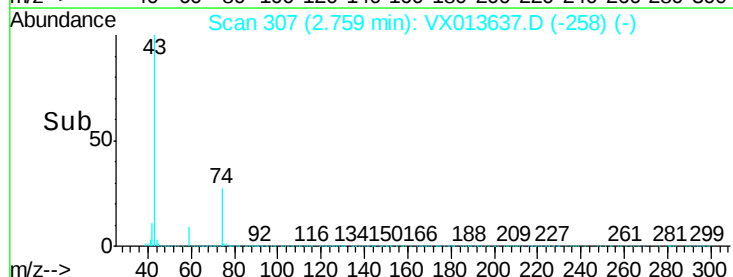
150000

100000

50000

0

Time-->





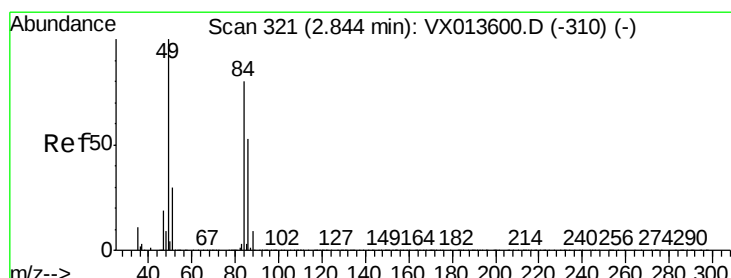
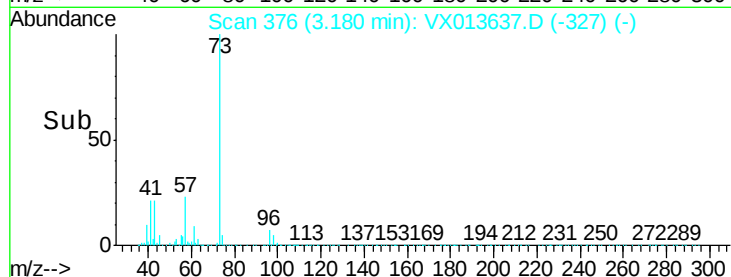
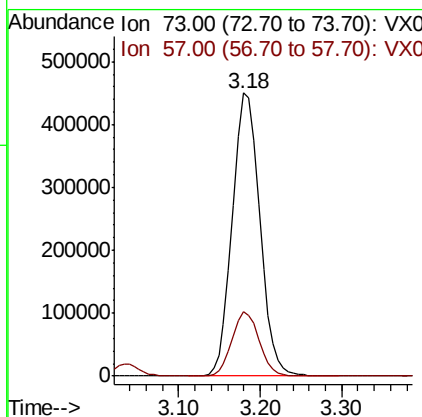
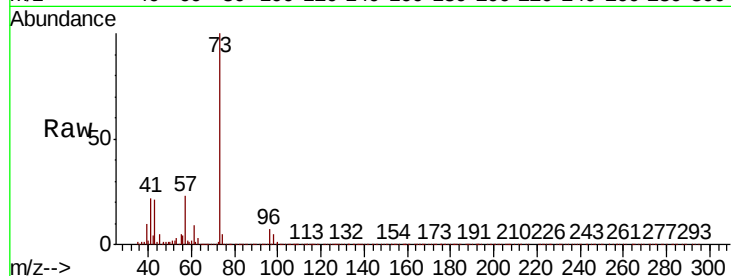
#19
Methvl tert-butvl Ether
Concen: 49.565 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

Tot Ion: 73 Resp: 1051040
Ion Ratio Lower Upper
73 100
57 22.6 18.3 27.5

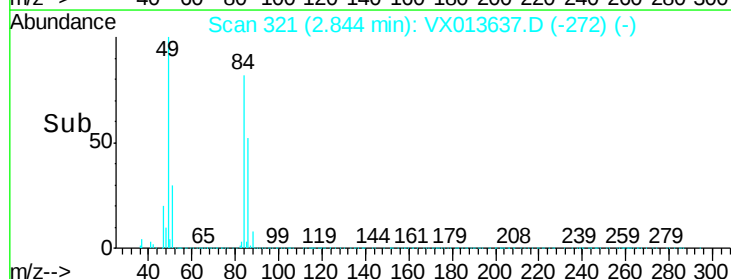
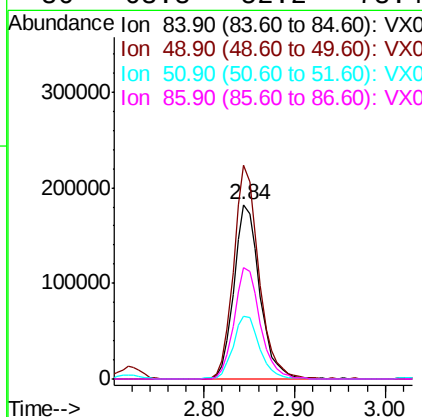
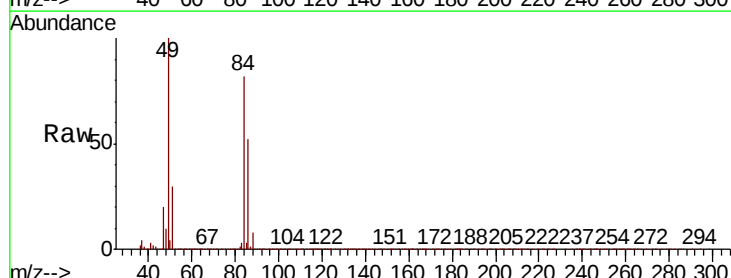
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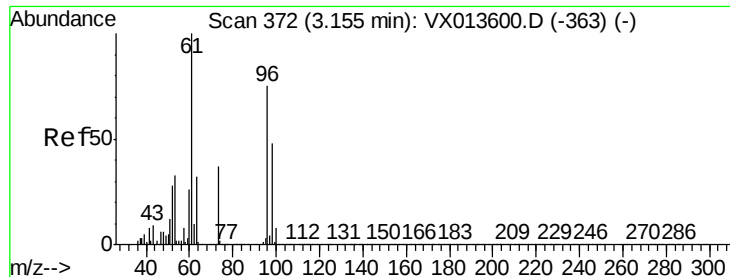
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#20
Methylene Chloride
Concen: 48.607 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion: 84 Resp: 359965
Ion Ratio Lower Upper
84 100
49 122.6 99.7 149.5
51 36.2 29.9 44.9
86 63.8 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 49.014 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20191121MS

Tot Ion: 96 Resp: 341789

Ion Ratio Lower Upper

96 100

61 133.3 107.2 160.8

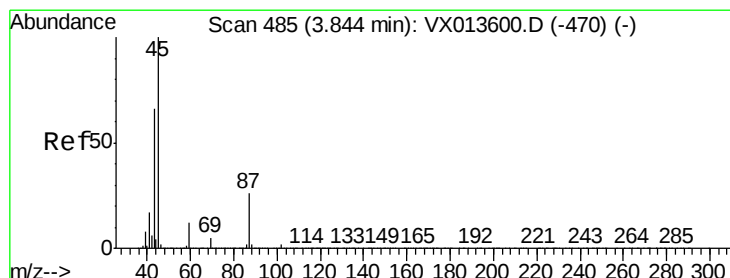
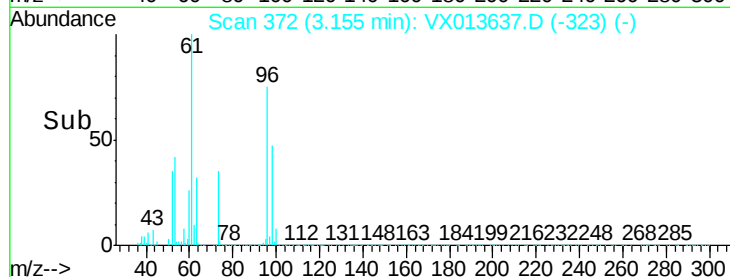
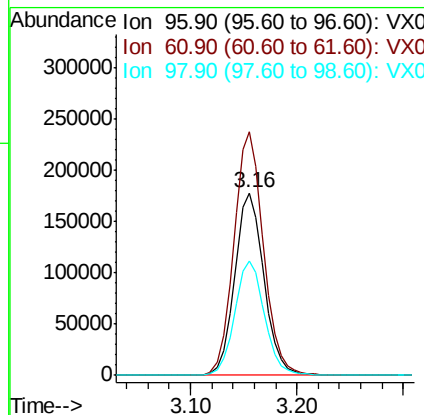
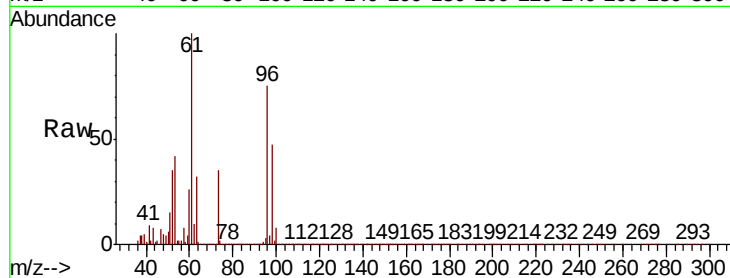
98 62.4 51.4 77.0

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#22

Diisopropyl ether

Concen: 50.018 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Tgt Ion: 45 Resp: 1118803

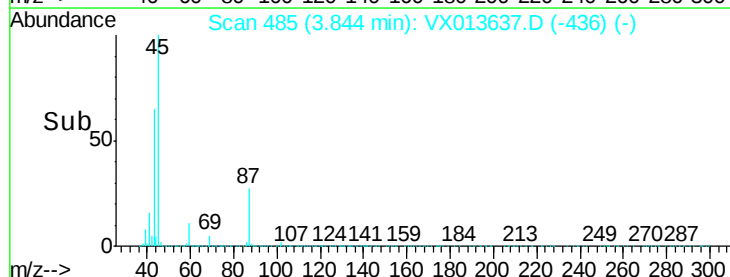
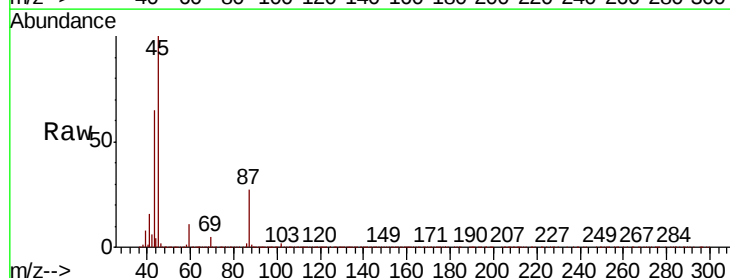
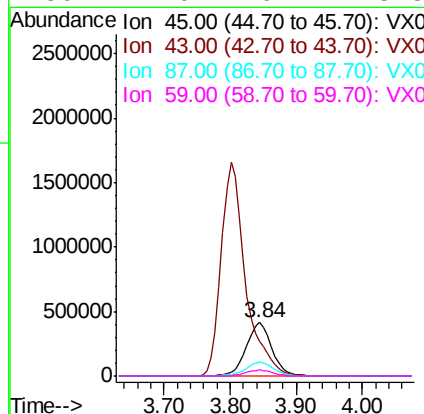
Ion Ratio Lower Upper

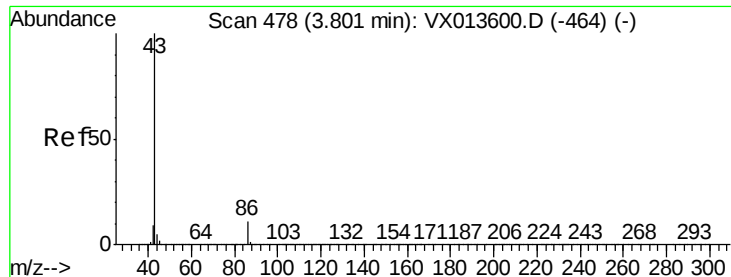
45 100

43 64.8 52.6 79.0

87 27.1 21.1 31.7

59 11.0 9.2 13.8





#23

Vinyl Acetate

Concen: 228.087 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20191121MS

Tot Ion: 43 Resp: 4244170

Ion Ratio Lower Upper

43 100

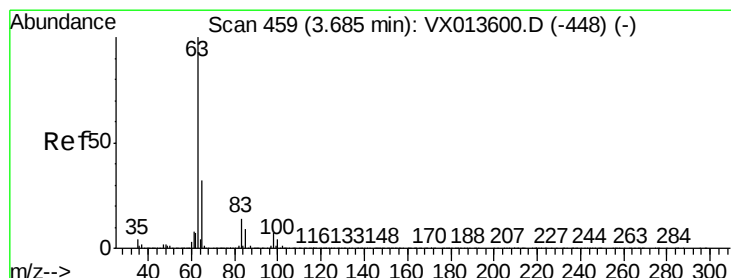
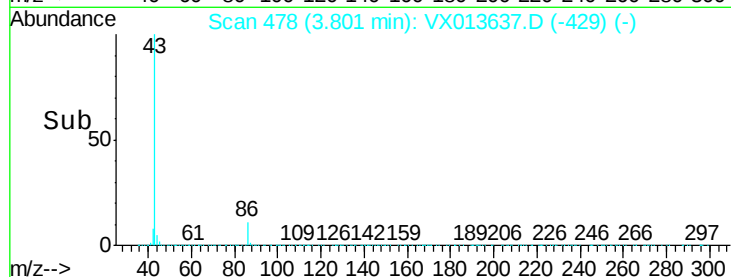
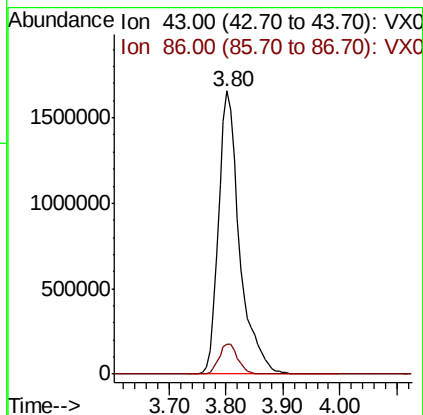
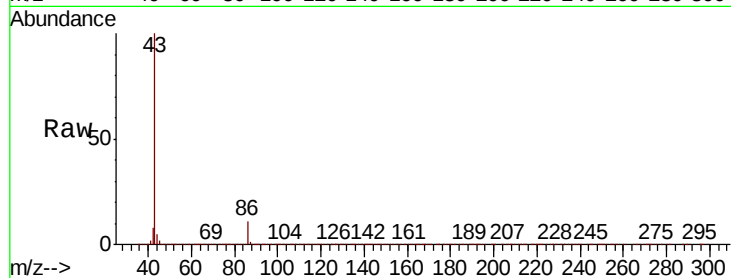
86 10.7 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 49.616 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

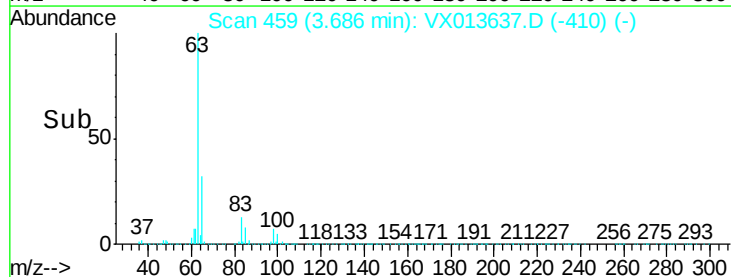
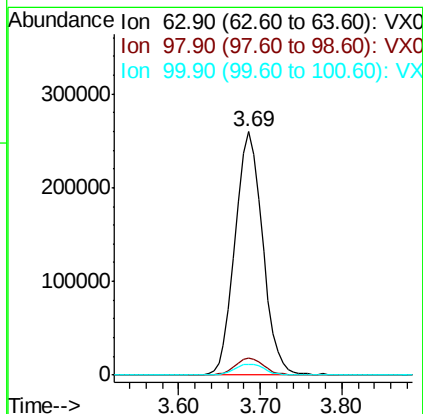
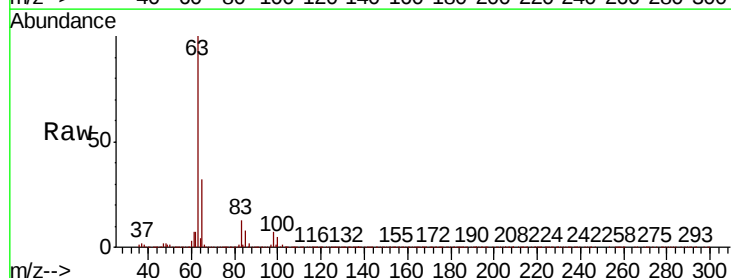
Tgt Ion: 63 Resp: 606696

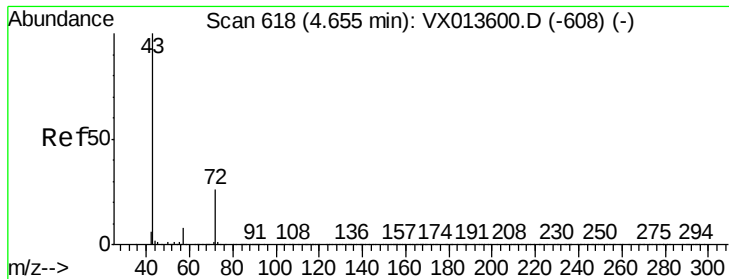
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.5 2.1 6.3





#25

2-Butanone

Concen: 240.891 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20191121MS

Tot Ion: 43 Resp: 1380021

Ion Ratio Lower Upper

43 100

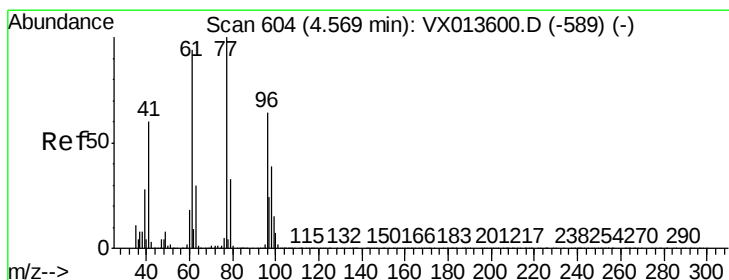
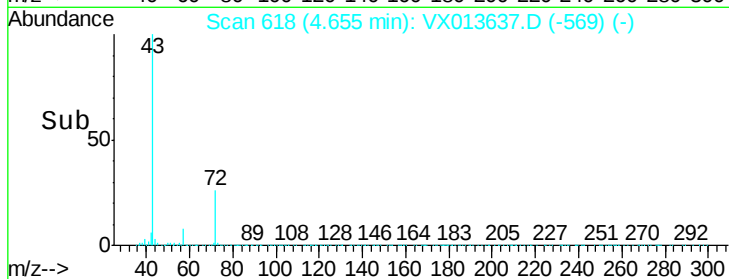
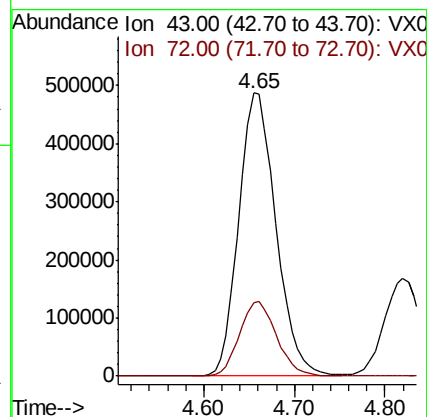
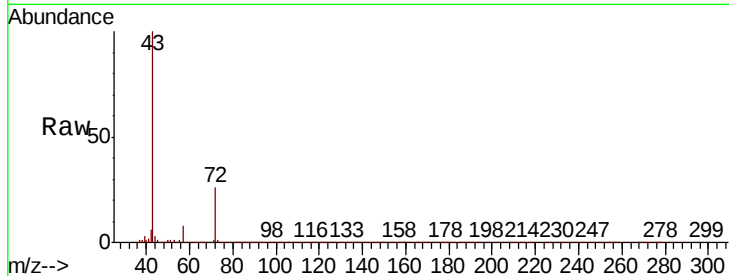
72 25.7 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 33.151 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013637.D

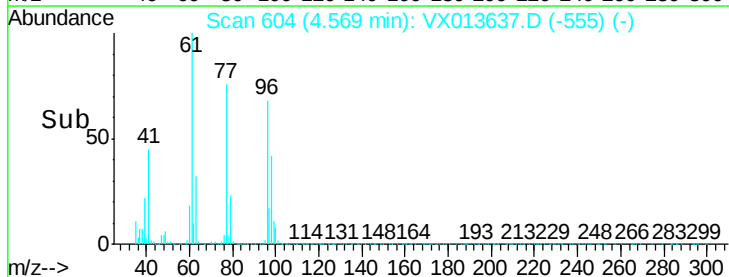
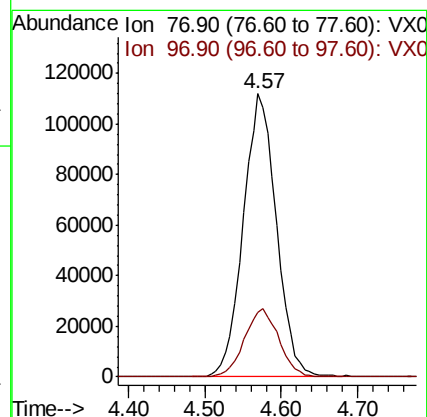
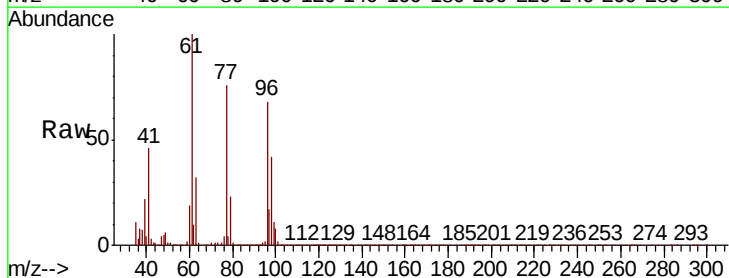
Acq: 27 Nov 2019 06:58

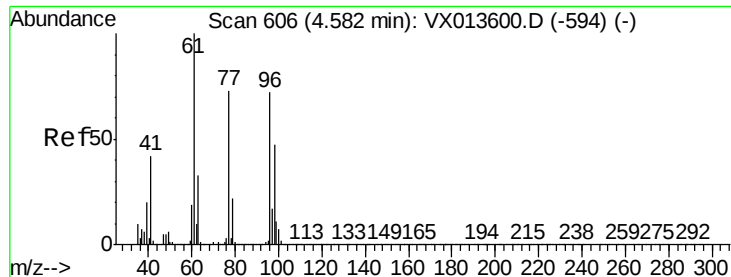
Tgt Ion: 77 Resp: 335383

Ion Ratio Lower Upper

77 100

97 25.2 12.0 36.1





#27

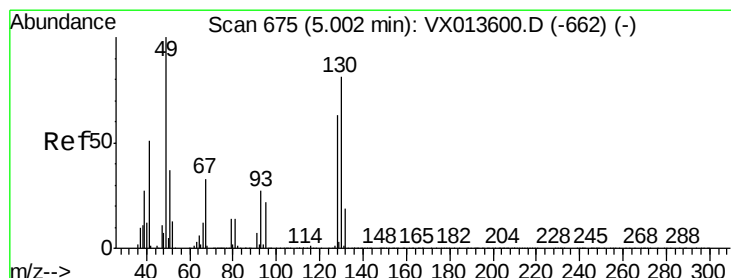
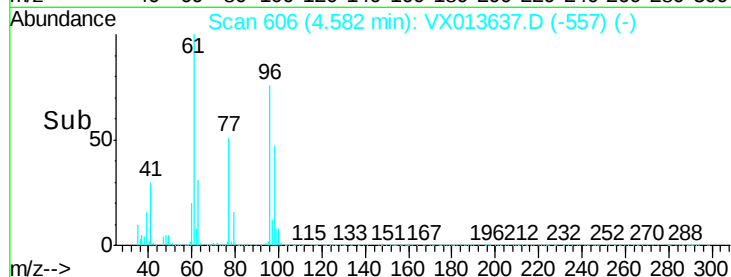
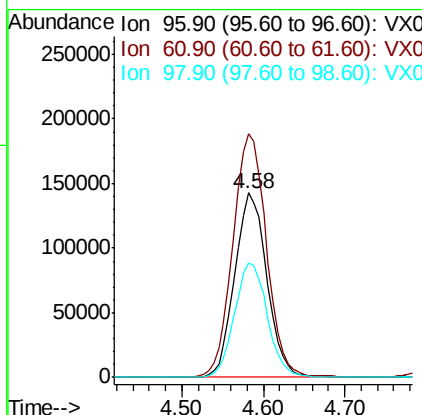
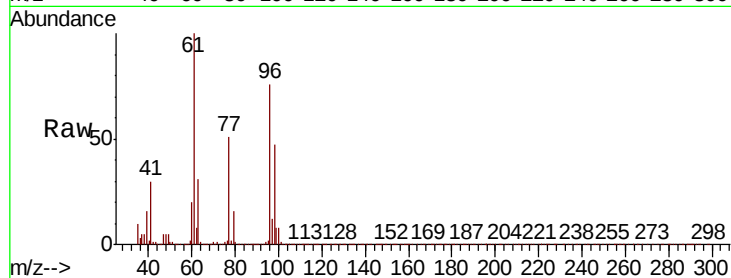
cis-1,2-Dichloroethene
Concen: 48.457 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	388049		
61	139.0	0.0	286.4	
98	63.2	0.0	127.4	

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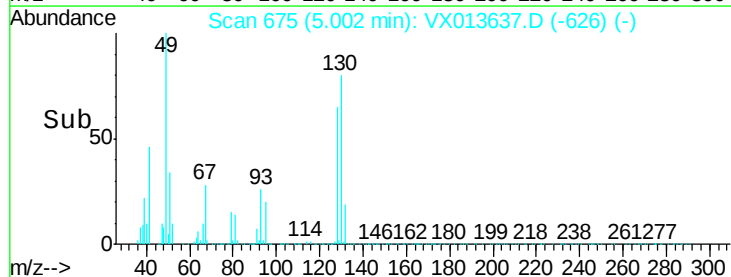
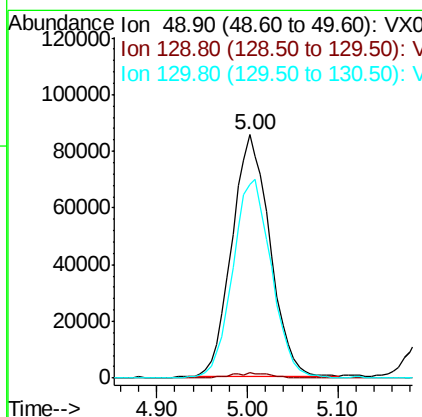
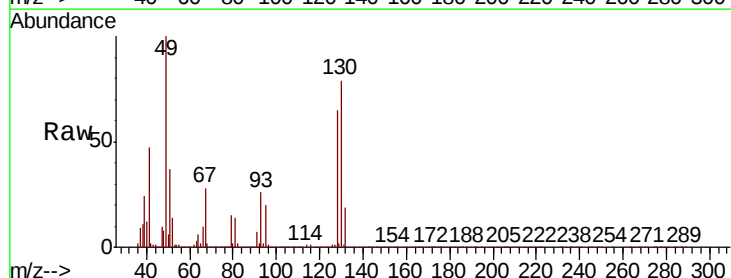
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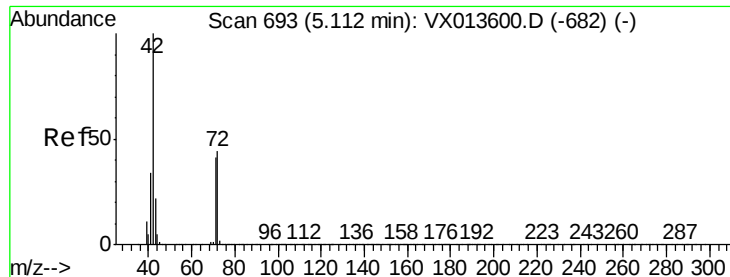


#28

Bromochloromethane
Concen: 51.606 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	249364		
129	2.4	0.0	5.0	
130	82.9	65.4	98.0	





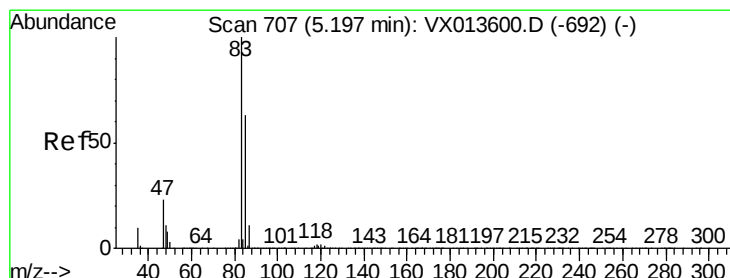
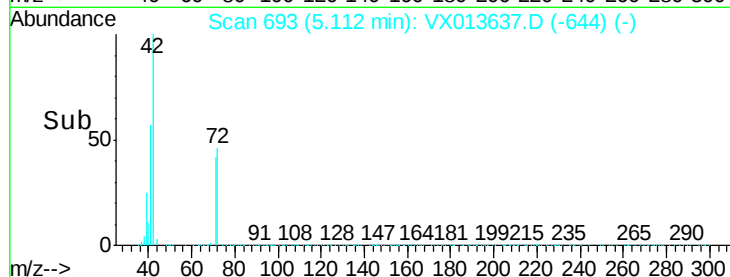
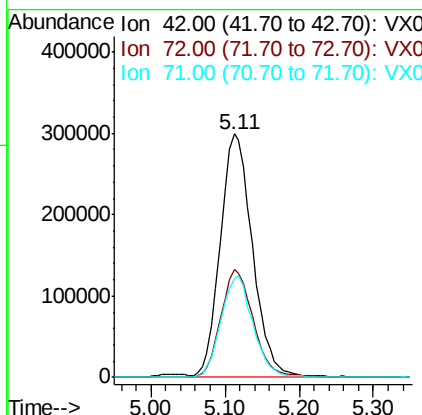
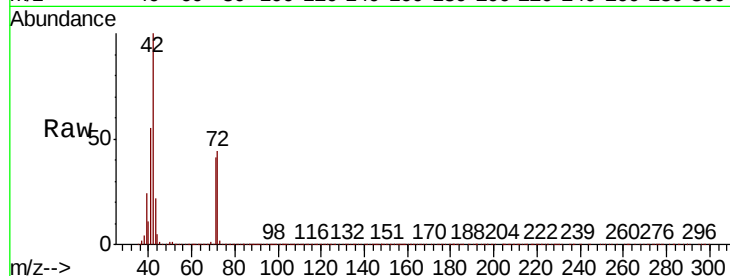
#29
Tetrahydrofuran
Concen: 254.125 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	36.3	54.5
71	41.6	33.2	49.8

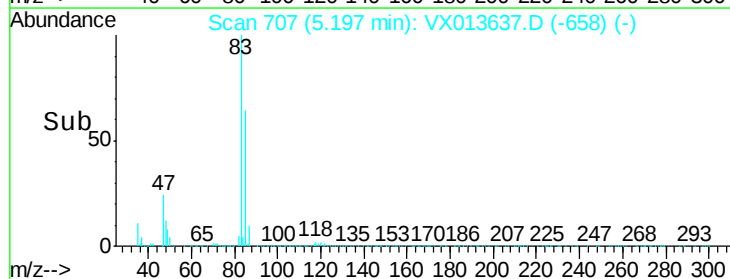
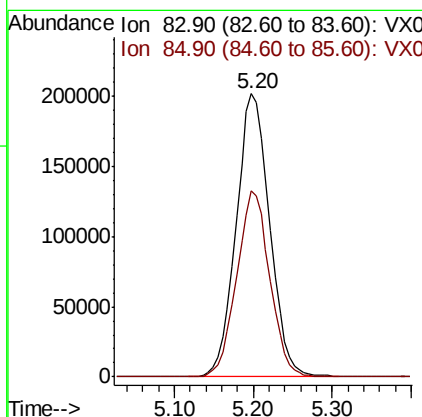
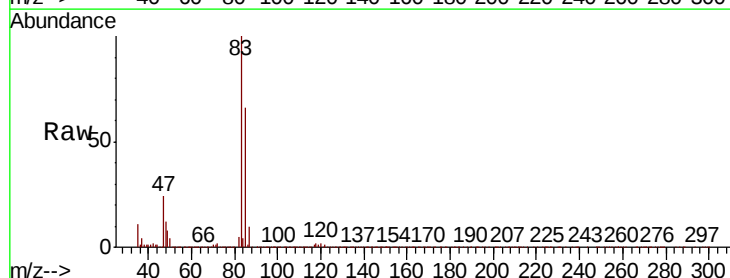
Manual Integrations
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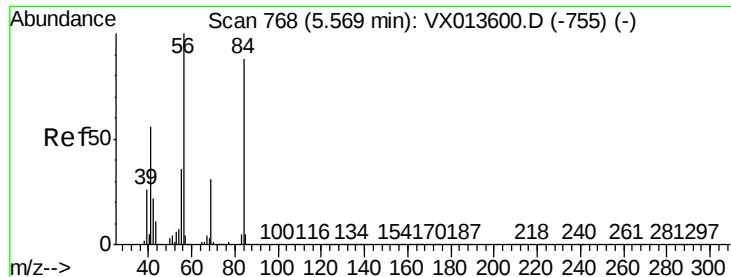
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#30
Chloroform
Concen: 47.992 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.2	75.4





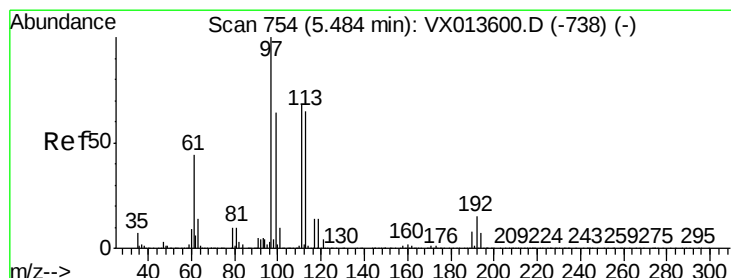
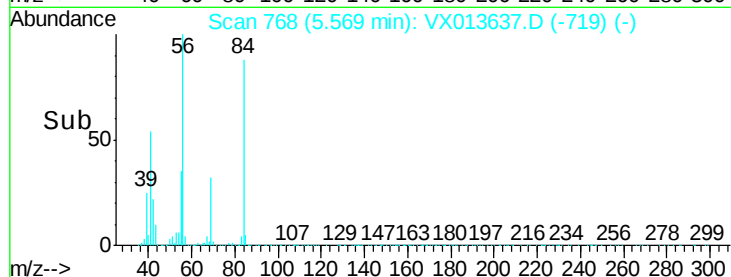
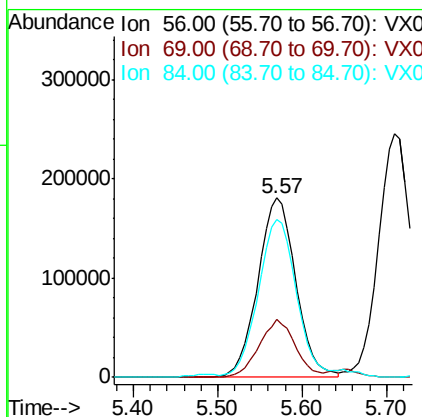
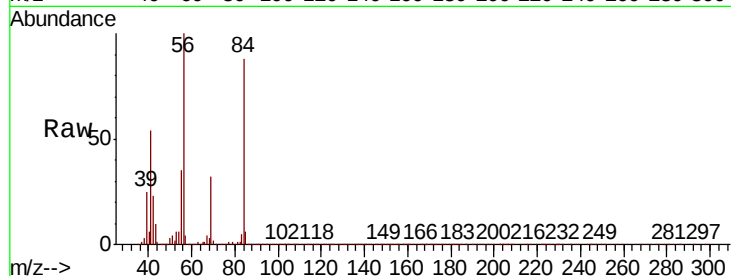
#31
Cyclohexane
Concen: 48.380 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.1	24.6	36.8
84	87.4	70.0	105.0

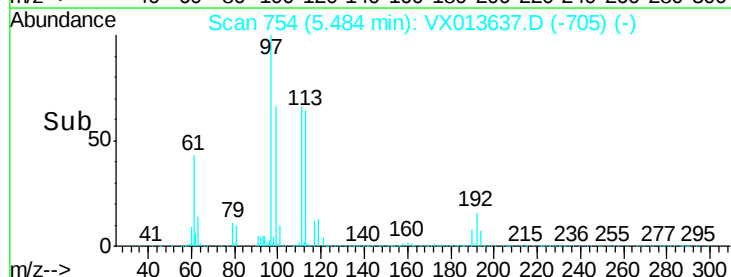
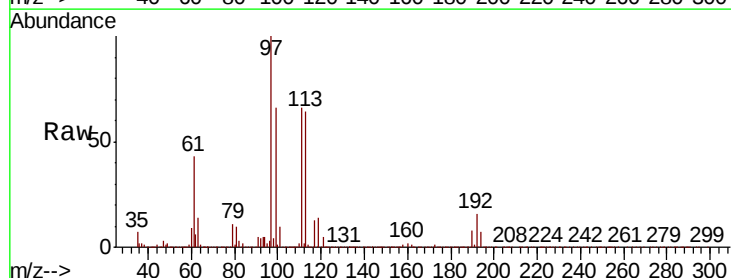
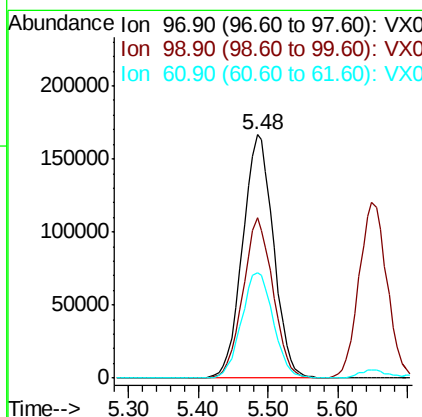
Manual Integrations
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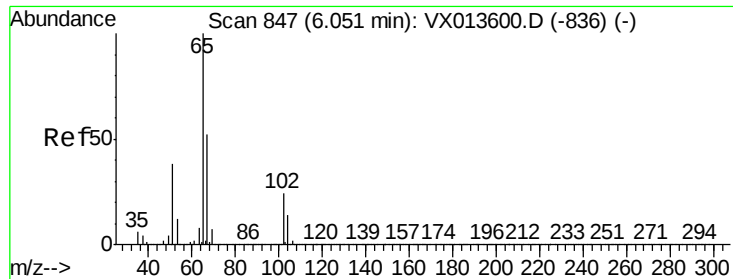
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#32
1,1,1-Trichloroethane
Concen: 49.169 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	44.2	36.1	54.1





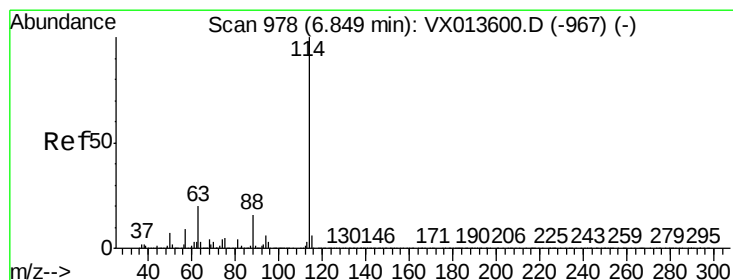
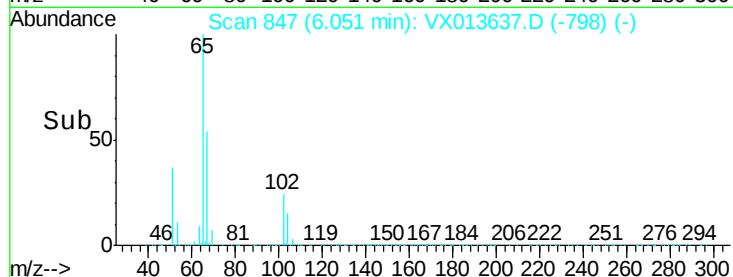
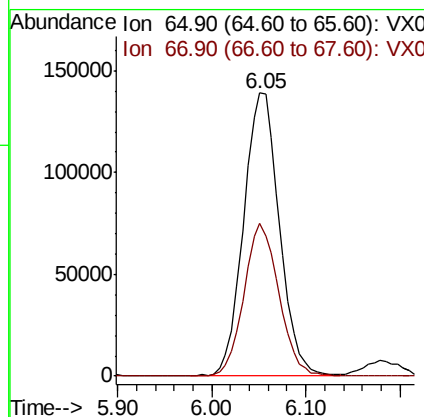
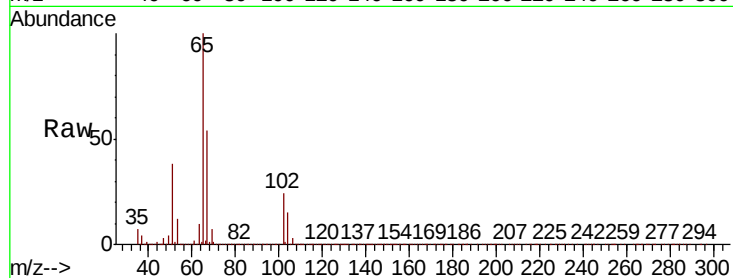
#33
 1,2-Dichloroethane-d4
 Concen: 47.217 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20191121MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.4

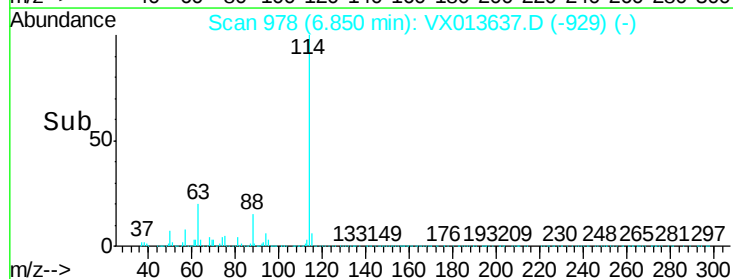
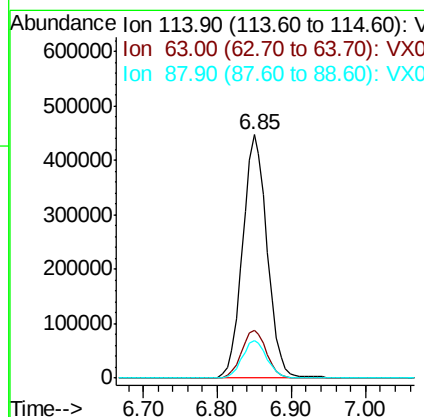
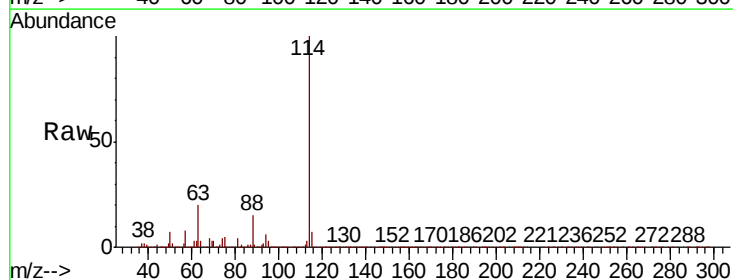
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.6
88	15.2	0.0	31.4





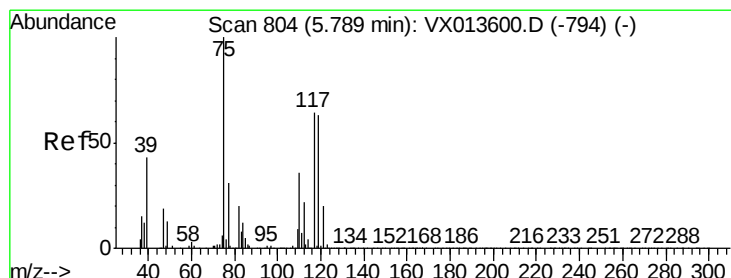
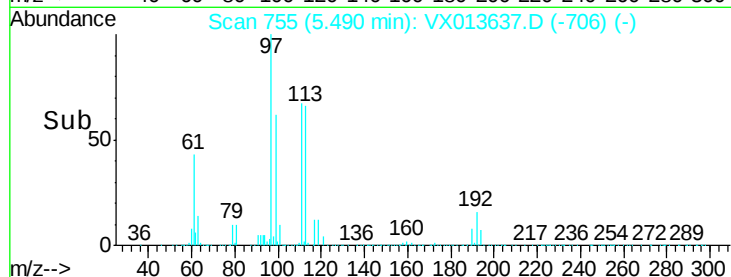
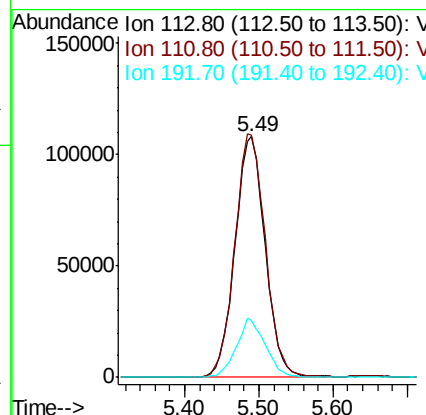
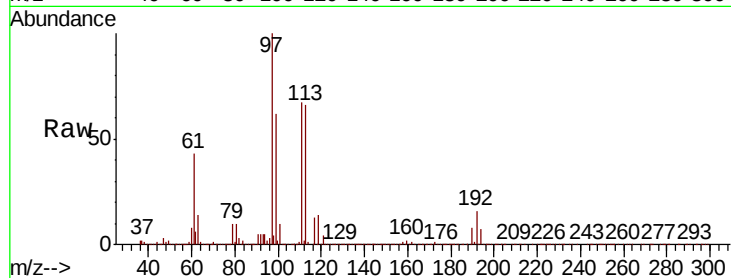
#35
Dibromofluoromethane
Concen: 47.863 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	306905		
111	102.2	83.6	125.4	
192	23.4	19.2	28.8	

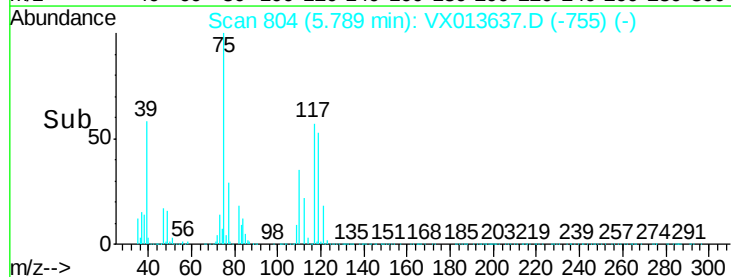
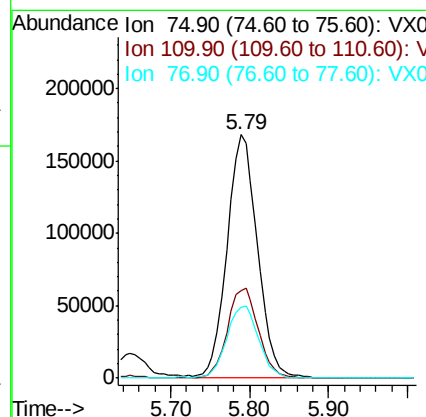
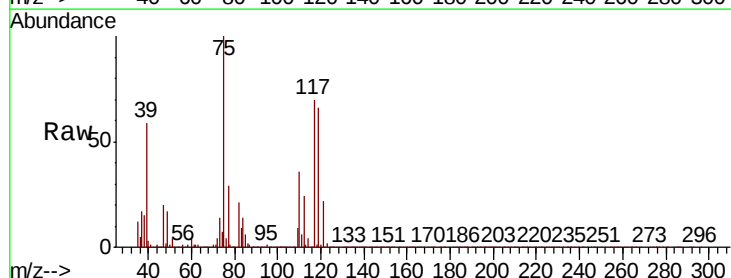
Manual Integrations
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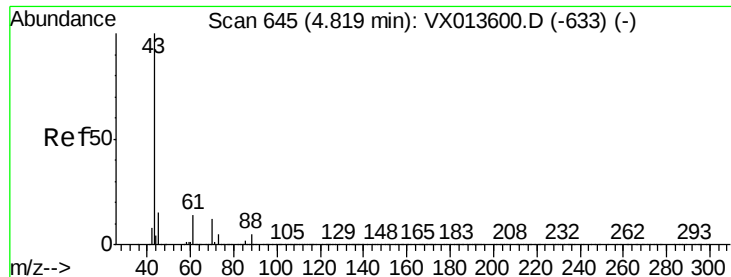
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#36
1,1-Dichloropropene
Concen: 47.632 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	448468		
110	37.9	18.1	54.1	
77	30.9	24.5	36.7	





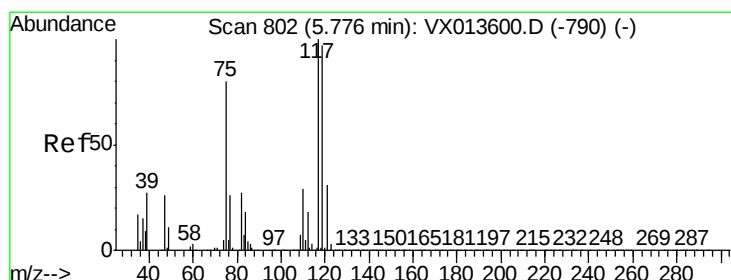
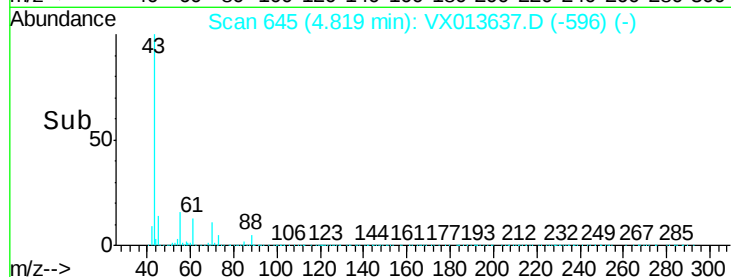
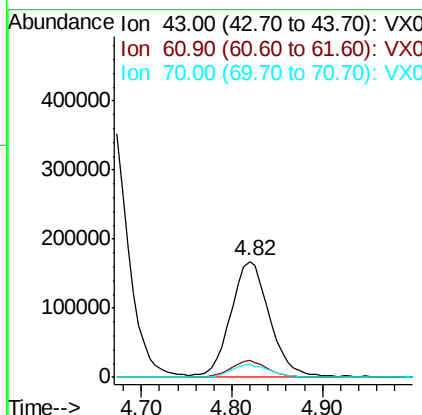
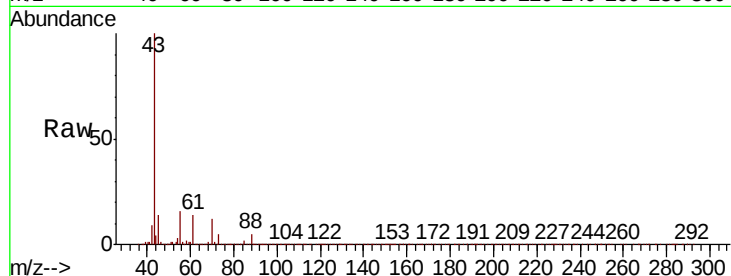
#37
Ethyl Acetate
Concen: 46.171 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.0	16.4
70	10.7	8.6	12.8

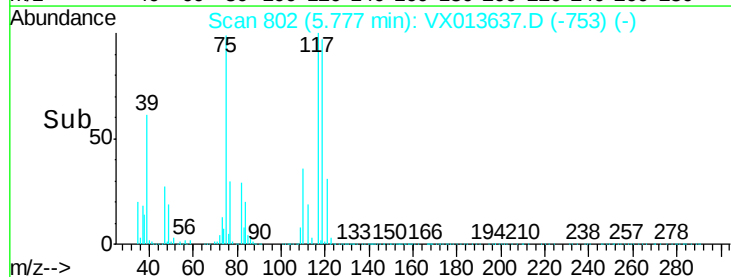
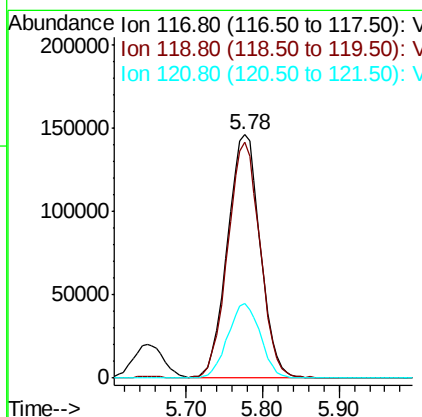
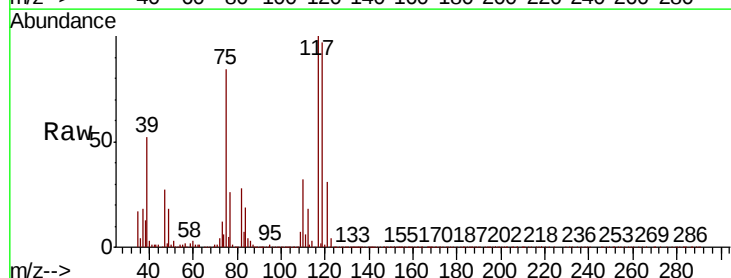
Manual Integrations
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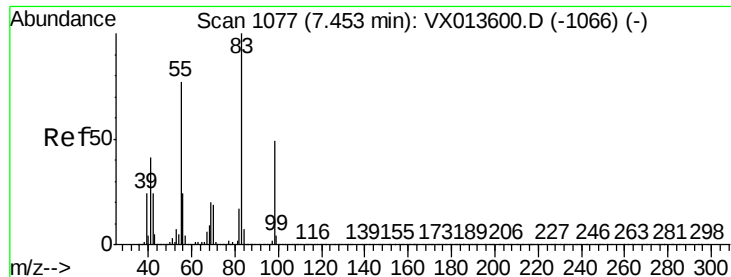
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#38
Carbon Tetrachloride
Concen: 49.682 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.5	116.3
121	30.5	25.0	37.6





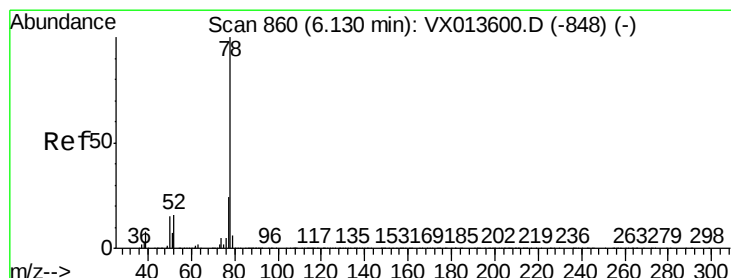
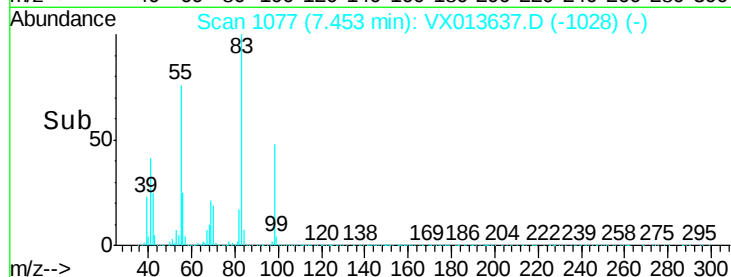
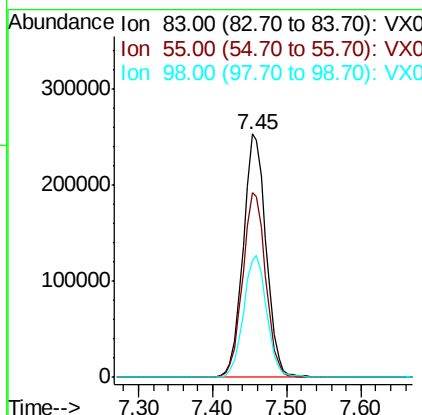
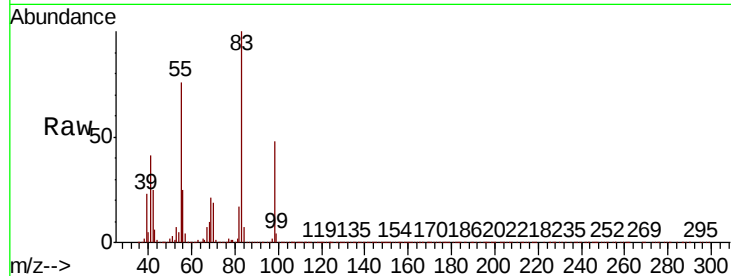
#39
Methvlcvclohexane
Concen: 47.127 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	61.9	92.9
98	48.2	39.4	59.0

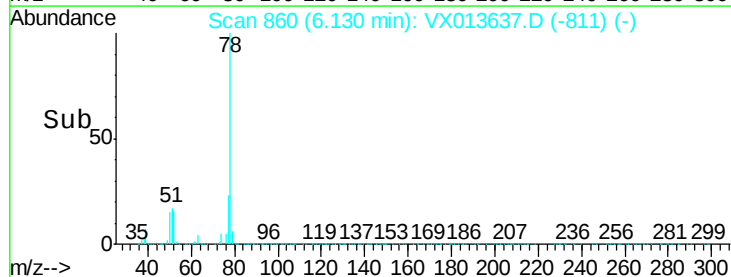
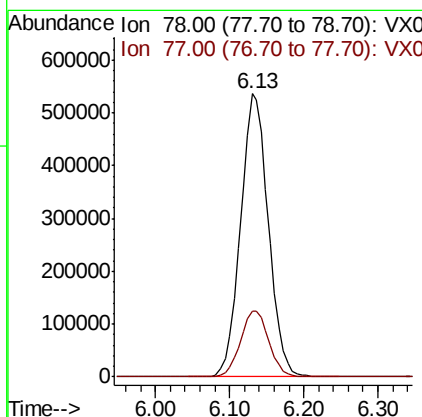
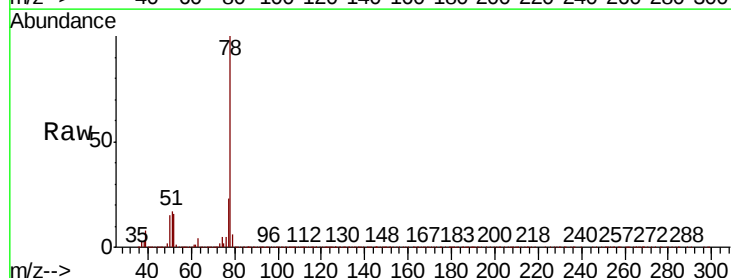
Manual Integrations
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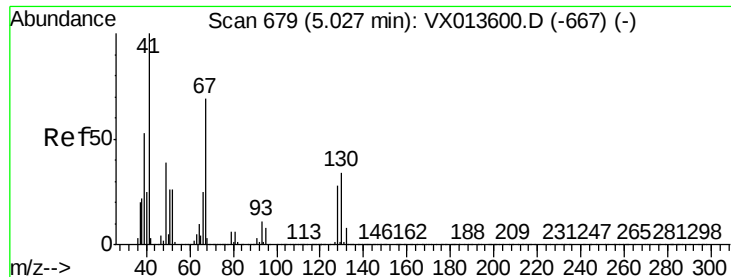
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#40
Benzene
Concen: 48.844 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4





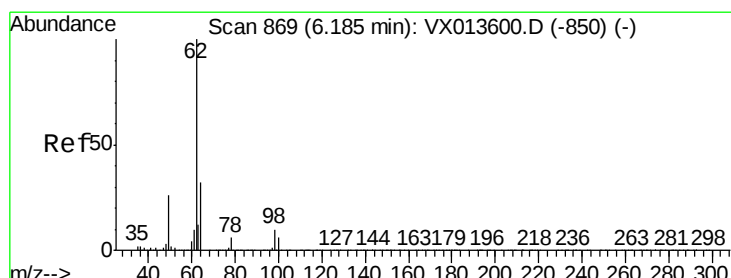
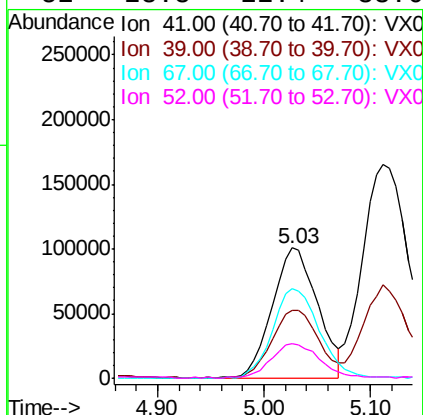
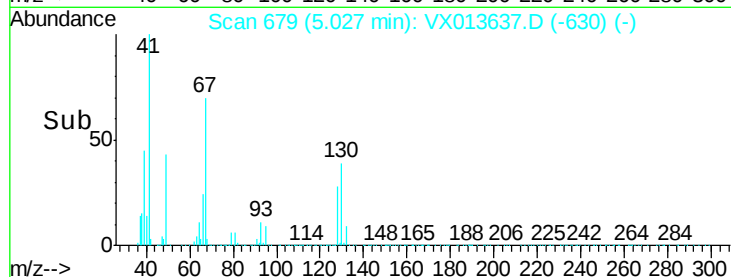
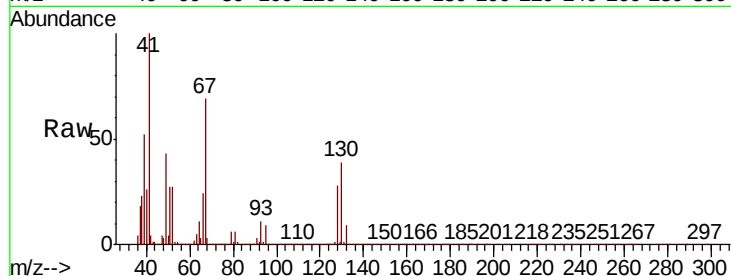
#41
Methacrylonitrile
Concen: 50.863 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.6	42.9	64.3	
67	71.1	57.4	86.0	
52	28.8	22.4	33.6	

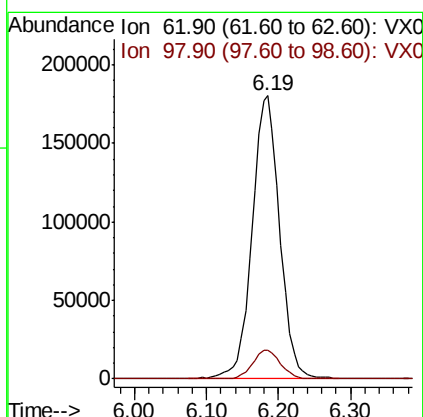
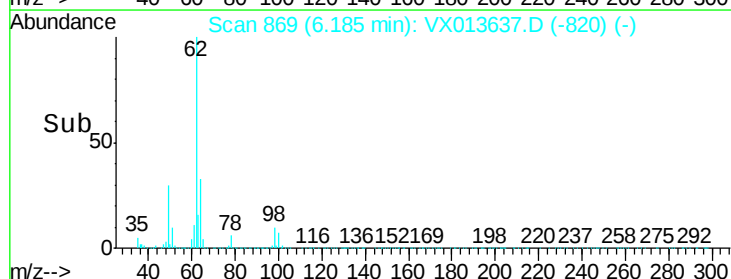
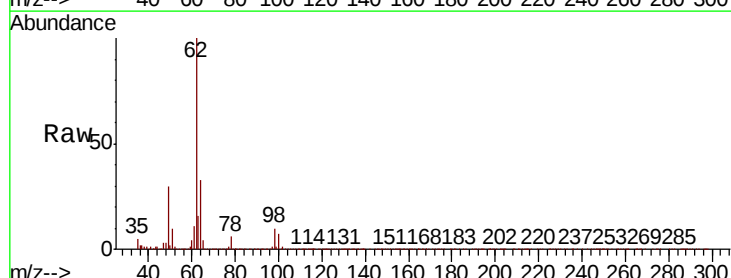
Manual Integrations
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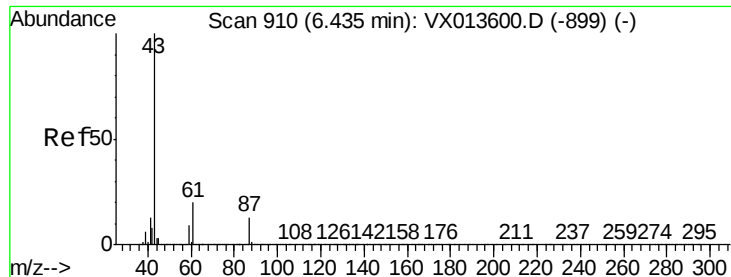
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#42
1,2-Dichloroethane
Concen: 48.837 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	20.8	





#43

Isopropyl Acetate

Concen: 47.209 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

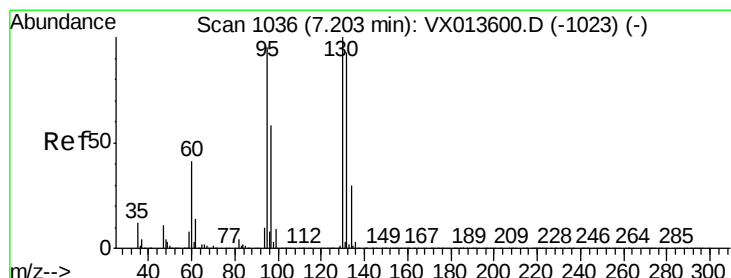
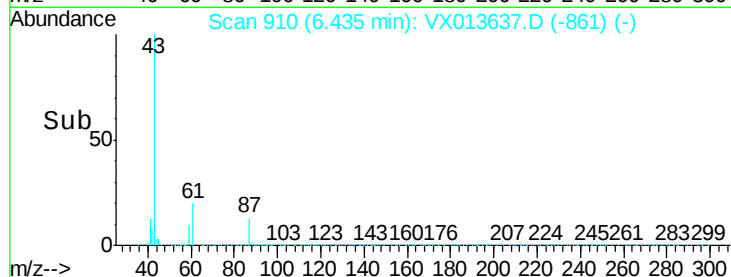
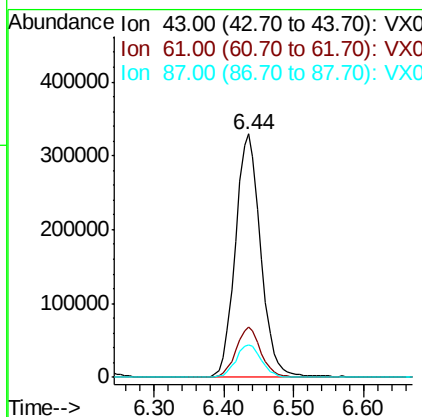
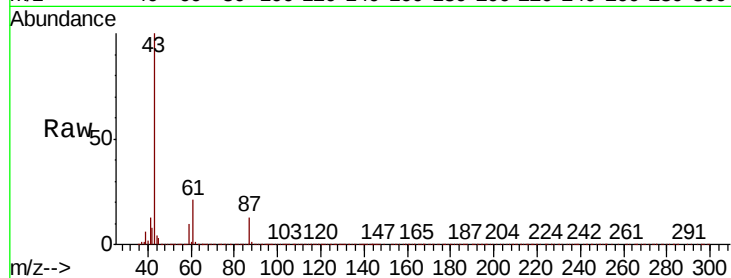
ClientSampleId :

GR-OF-20191121MS

Tot Ion:	43	Resp:	820928
Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.3	24.5
87	13.4	10.8	16.2

Manual Integrations
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#44

Trichloroethene

Concen: 47.822 ug/l

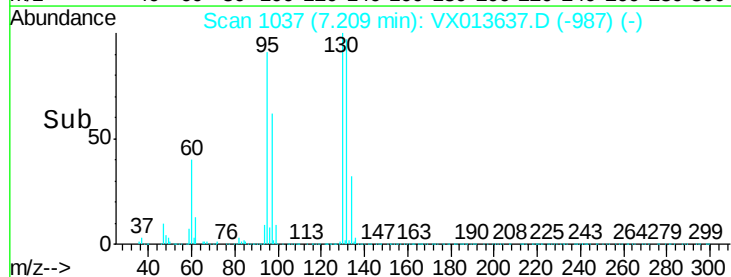
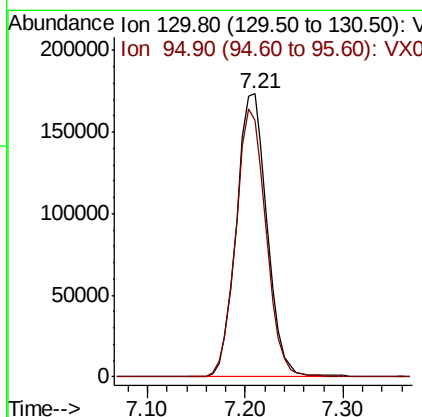
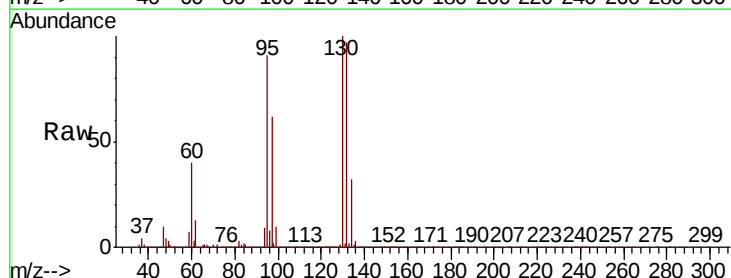
RT: 7.21 min Scan# 1037

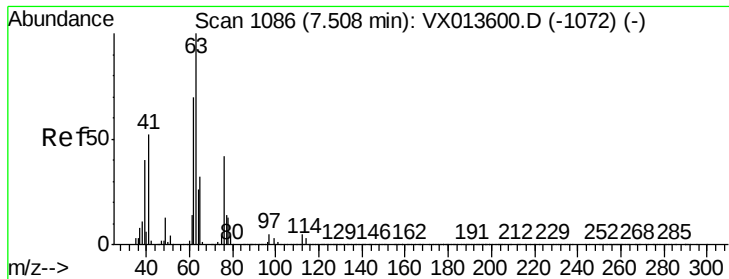
Delta R.T. 0.01 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Tgt Ion:	130	Resp:	376359
Ion	Ratio	Lower	Upper
130	100		
95	90.8	0.0	190.8





#45

1,2-Dichloropropane

Concen: 50.390 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20191121MS

Tot Ion: 63 Resp: 361524

Ion Ratio Lower Upper

63 100

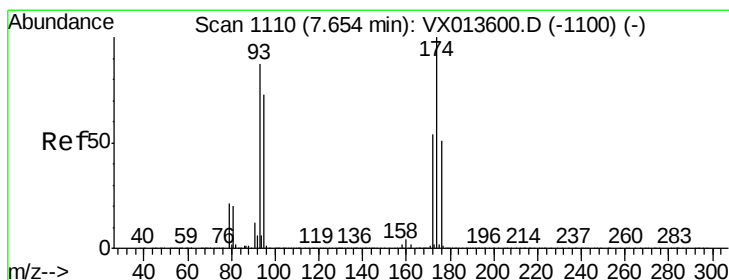
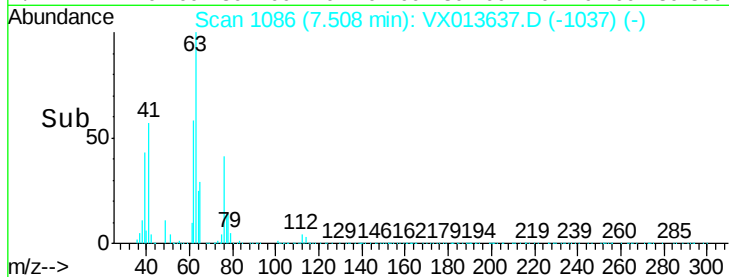
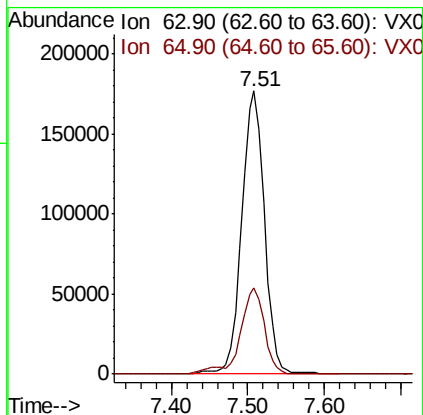
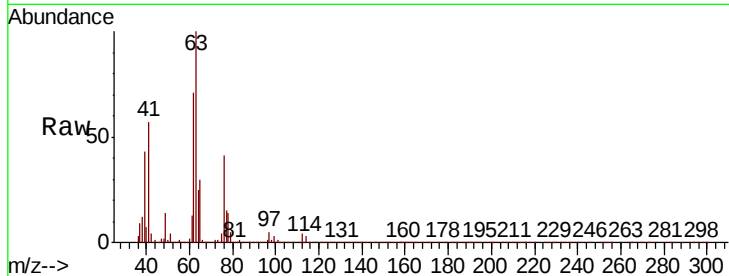
65 30.3 25.5 38.3

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#46

Dibromomethane

Concen: 48.384 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

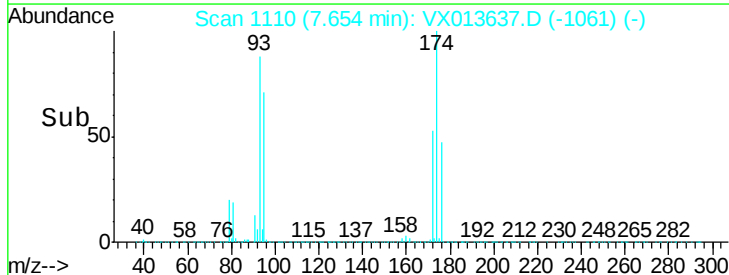
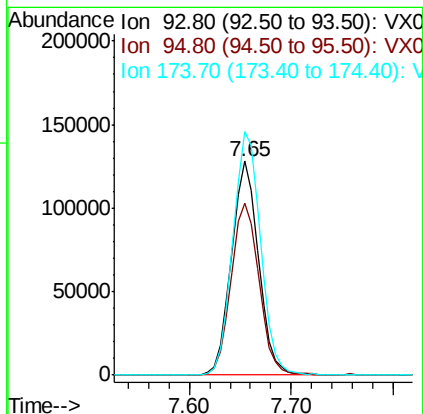
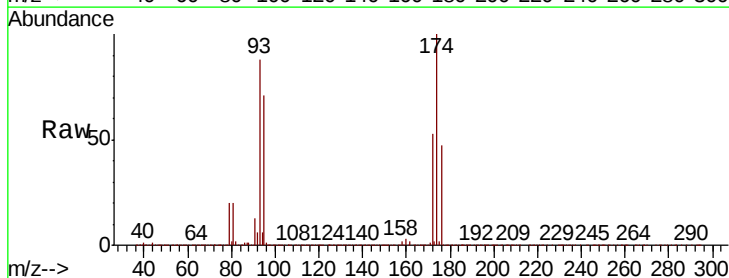
Tgt Ion: 93 Resp: 235763

Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.2

174 116.1 93.4 140.0





#47

Bromodichloromethane

Concen: 49.837 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

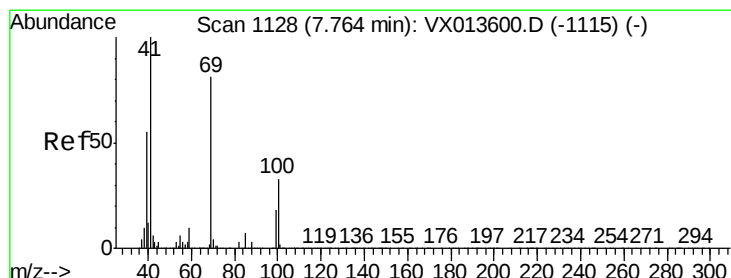
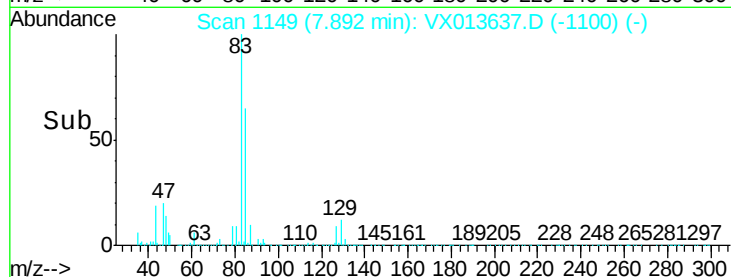
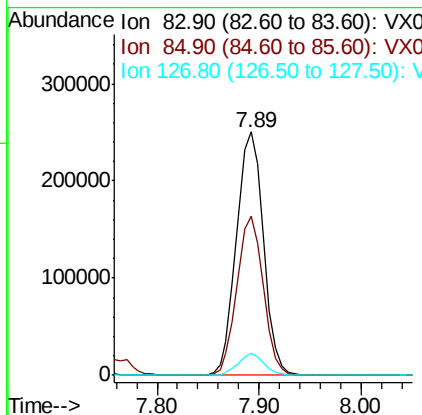
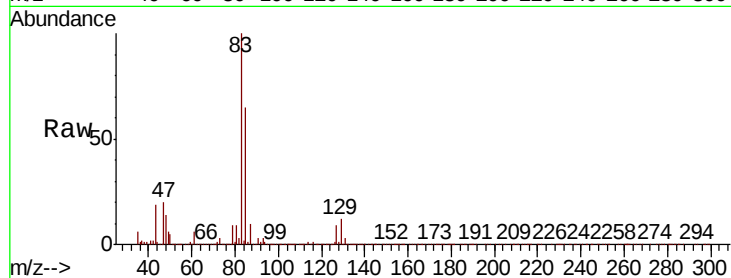
ClientSampleId :

GR-OF-20191121MS

Tot Ion:	83	Resp:	459091
Ion Ratio	Lower	Upper	
83	100		
85	65.1	52.1	78.1
127	8.9	7.0	10.4

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#48

Methyl methacrylate

Concen: 50.518 ug/l

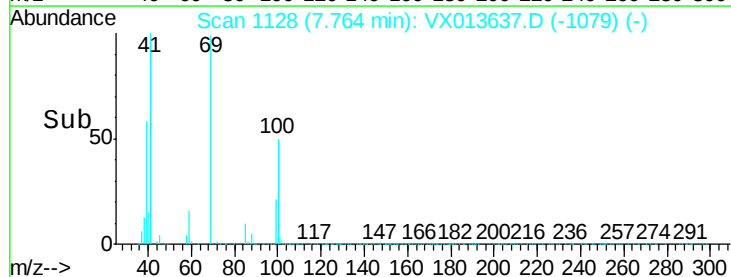
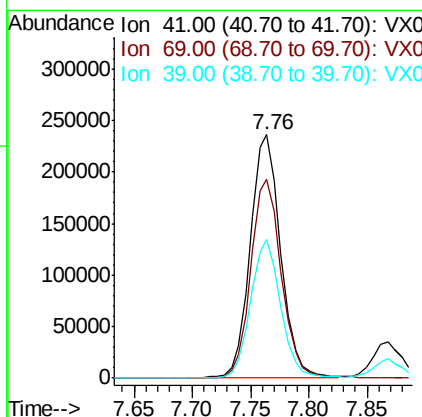
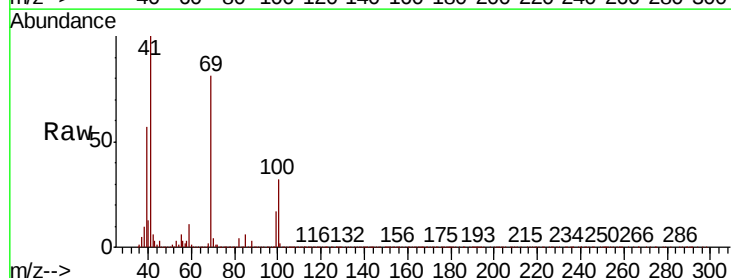
RT: 7.76 min Scan# 1128

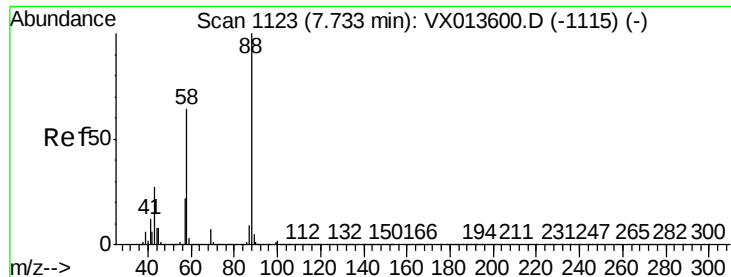
Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Tgt Ion:	41	Resp:	426827
Ion Ratio	Lower	Upper	
41	100		
69	83.0	64.7	97.1
39	56.2	43.8	65.6





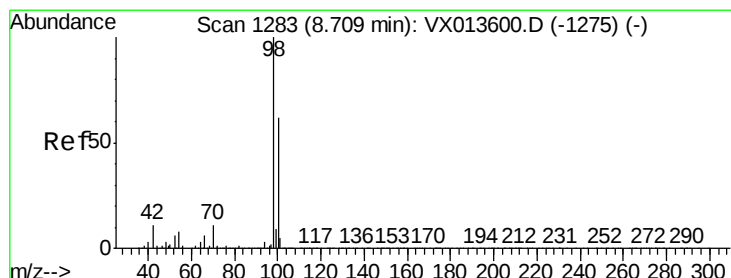
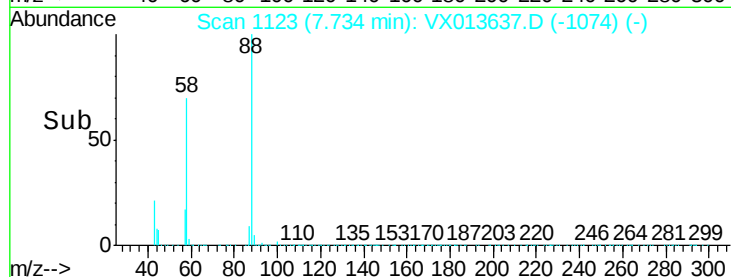
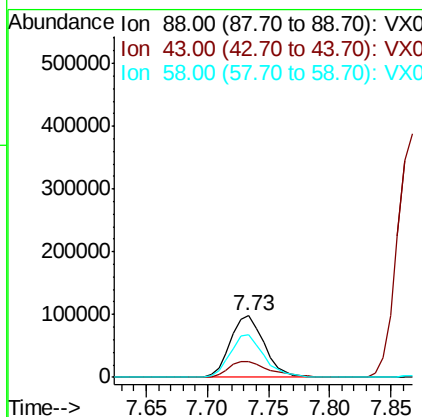
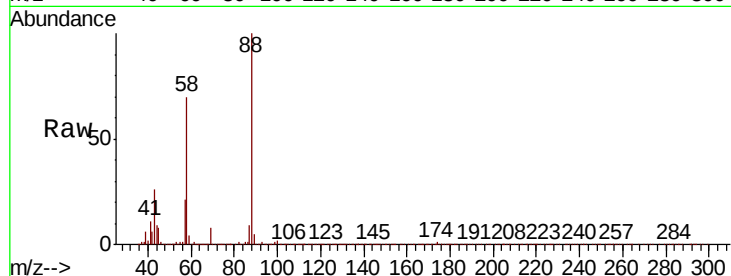
#49
1,4-Dioxane
Concen: 996.337 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	25.8	38.6
58	68.8	54.6	82.0

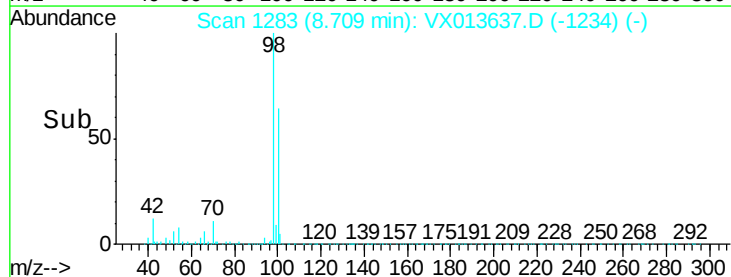
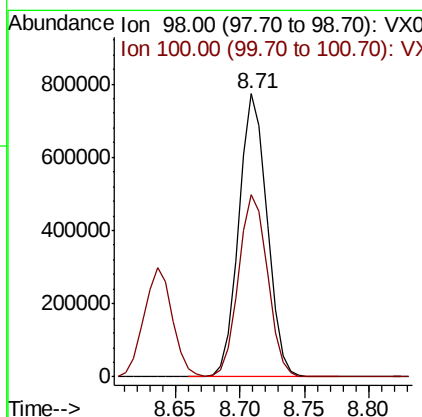
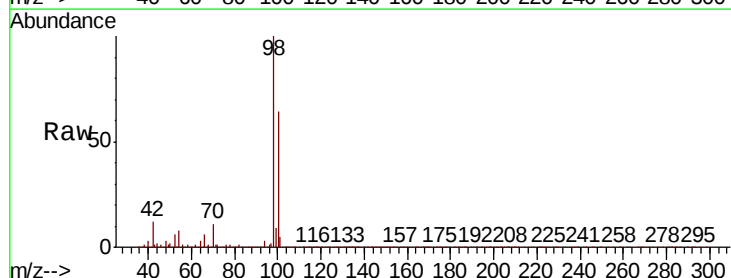
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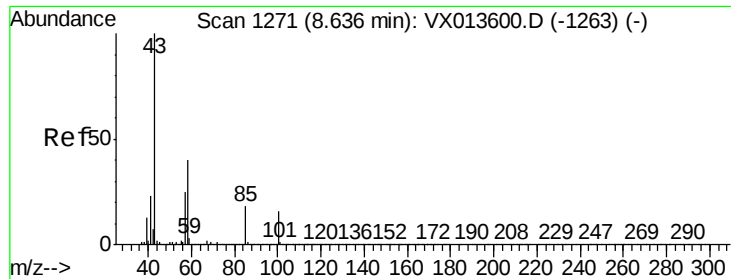
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#50
Toluene-d8
Concen: 46.992 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 249.740 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20191121MS

Tot Ion: 43 Resp: 2731686

Ion Ratio Lower Upper

43 100

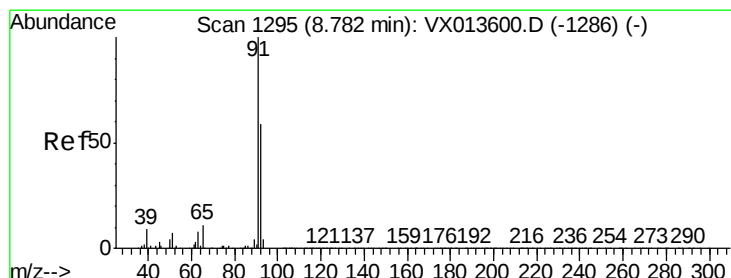
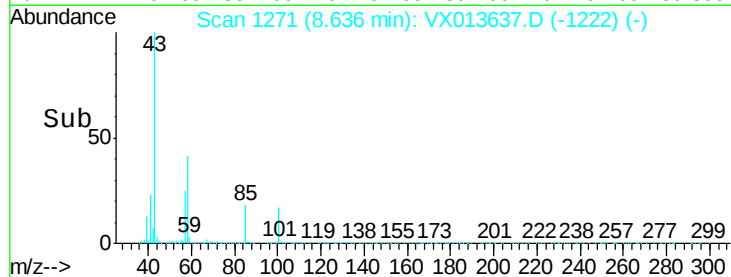
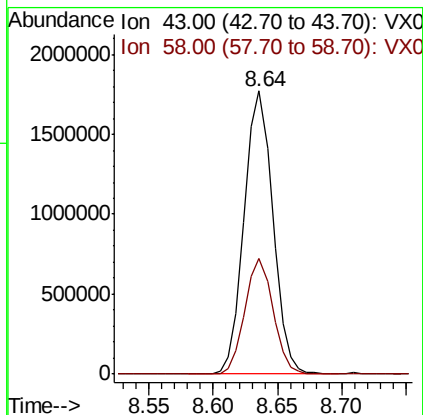
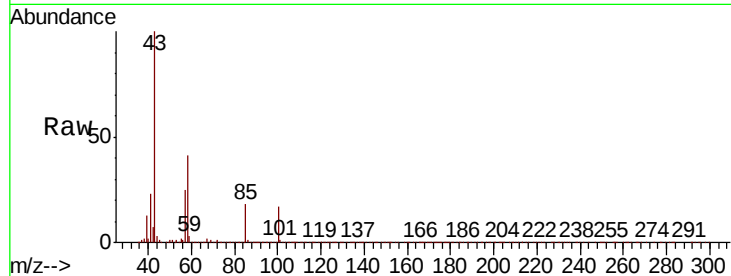
58 40.0 32.1 48.1

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#52

Toluene

Concen: 49.352 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013637.D

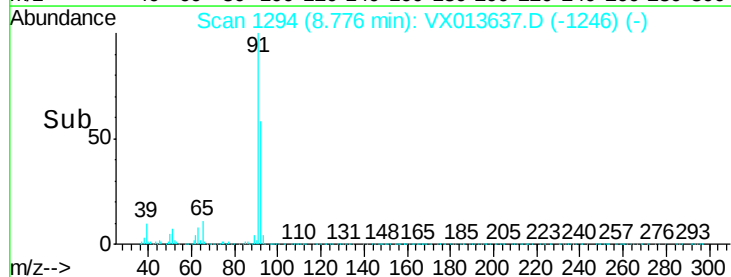
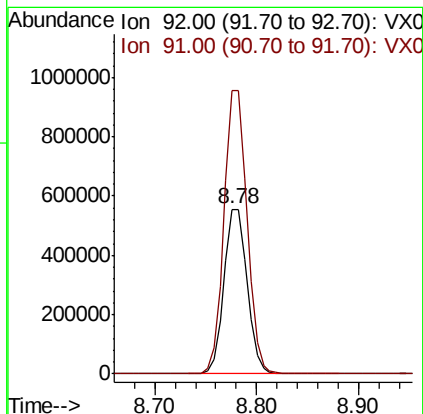
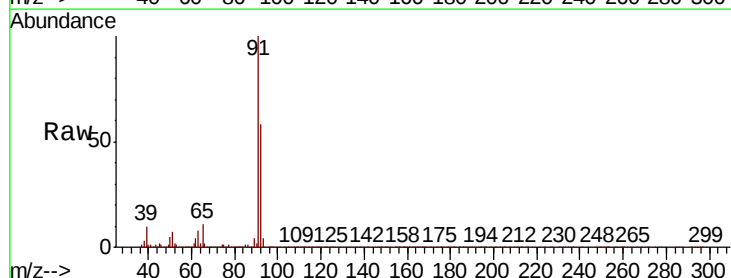
Acq: 27 Nov 2019 06:58

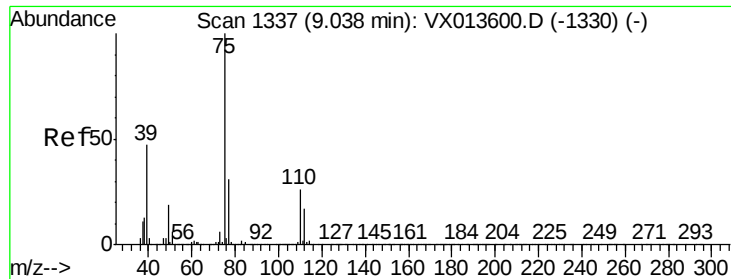
Tgt Ion: 92 Resp: 879182

Ion Ratio Lower Upper

92 100

91 170.2 136.2 204.2





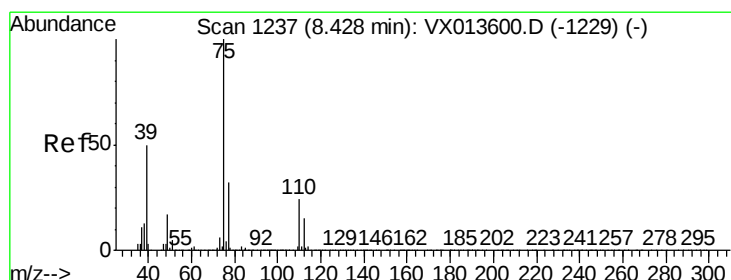
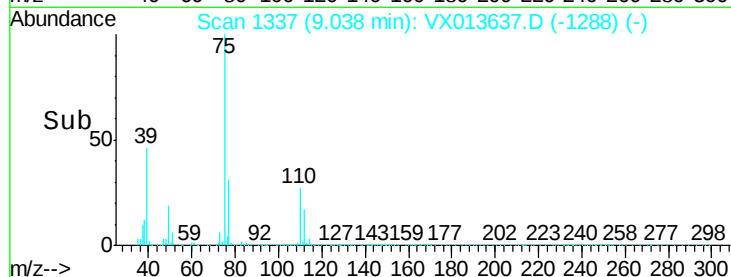
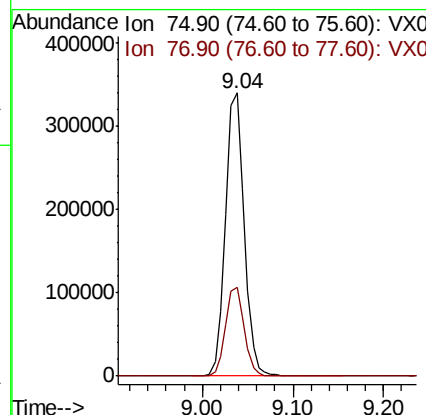
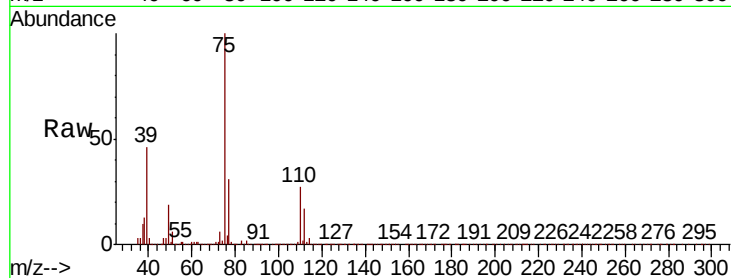
#53
t-1,3-Dichloropropene
Concen: 46.823 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.4	36.6

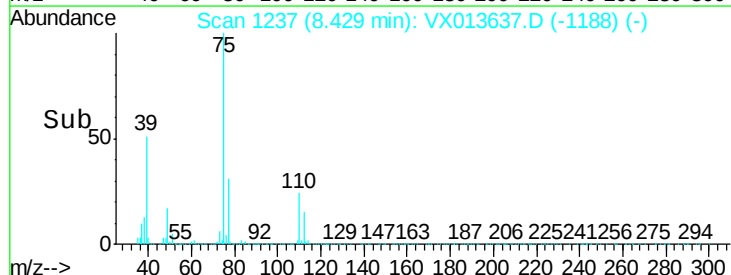
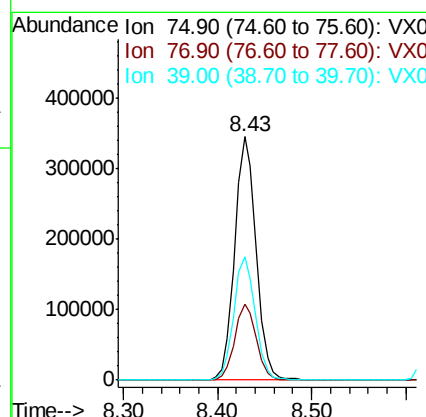
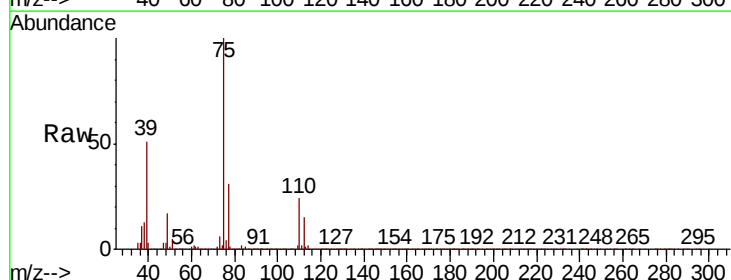
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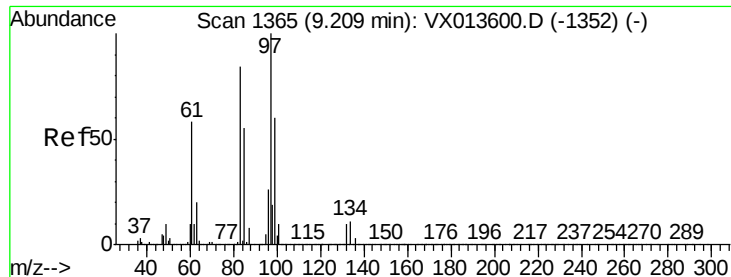
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#54
cis-1,3-Dichloropropene
Concen: 47.523 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.8	38.6
39	50.6	39.9	59.9





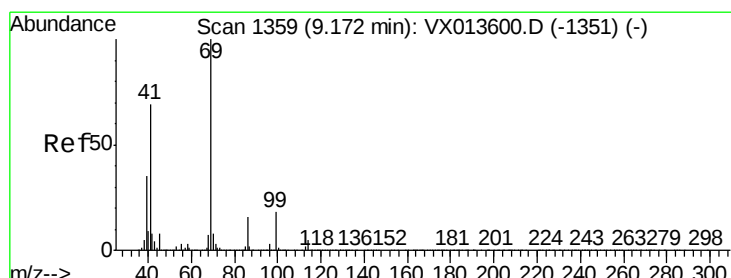
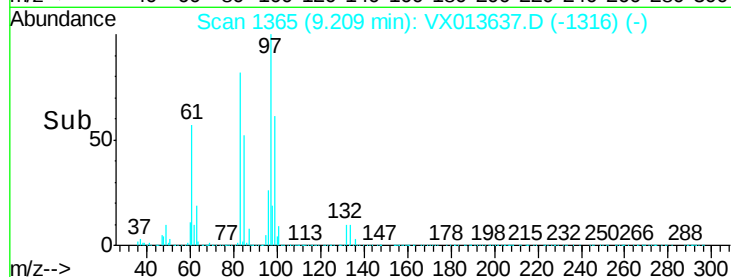
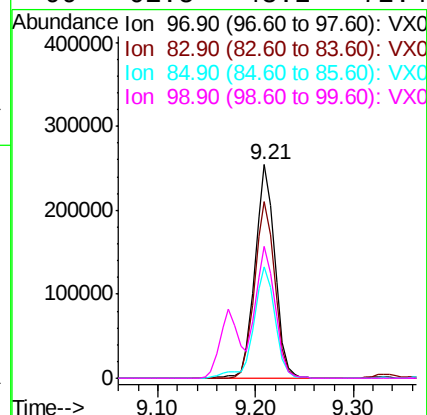
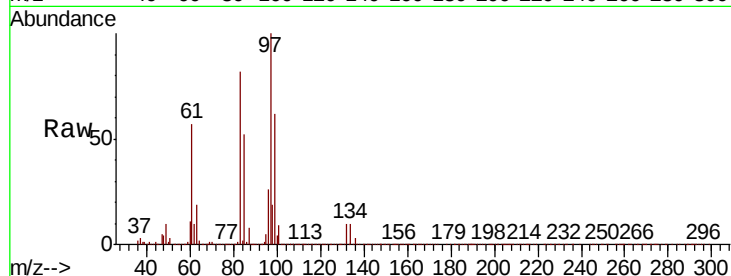
#55
 1,1,2-Trichloroethane
 Concen: 50.087 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20191121MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		359565		
83	82.5	67.3	100.9		
85	52.3	43.6	65.4		
99	61.5	48.2	72.4		

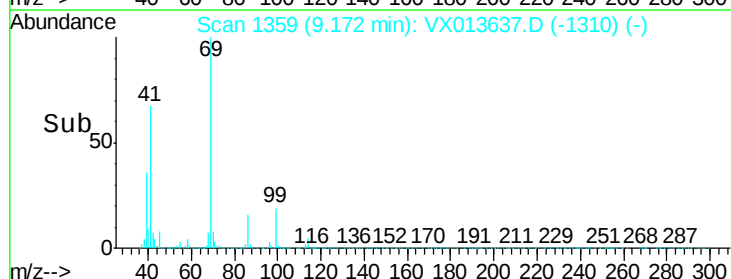
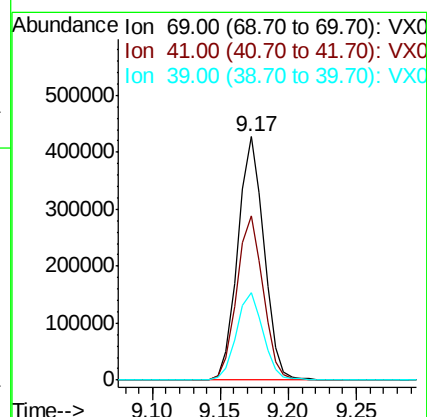
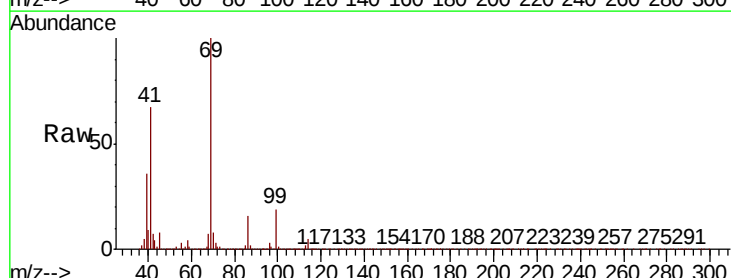
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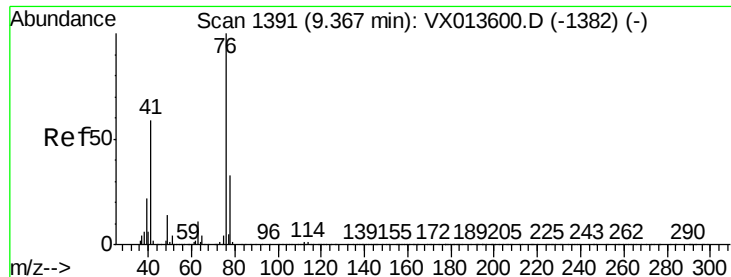
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#56
 Ethyl methacrylate
 Concen: 49.675 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		573337		
41	67.8	55.0	82.4		
39	36.3	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 48.567 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20191121MS

Tot Ion: 76 Resp: 600967

Ion Ratio Lower Upper

76 100

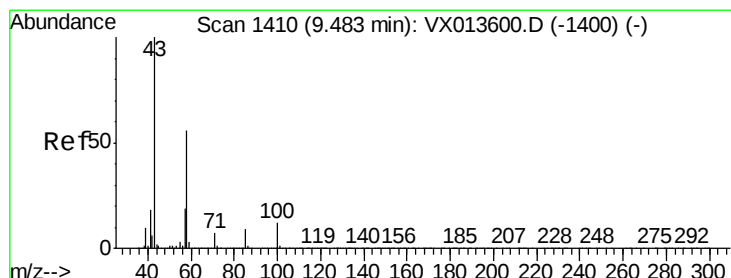
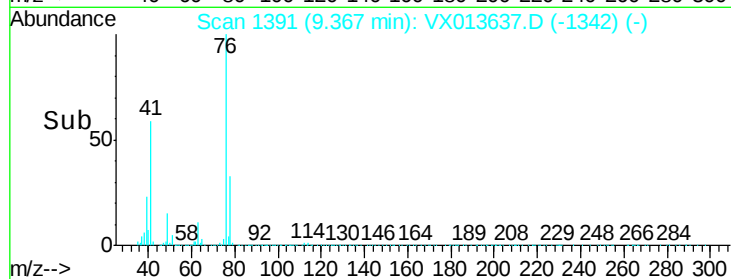
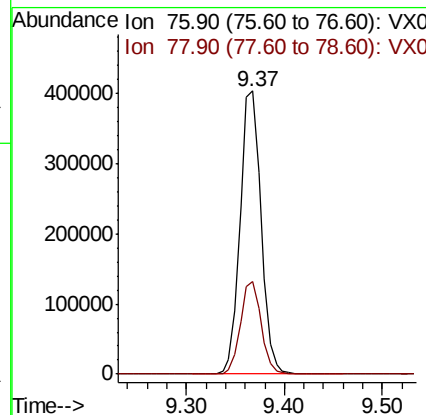
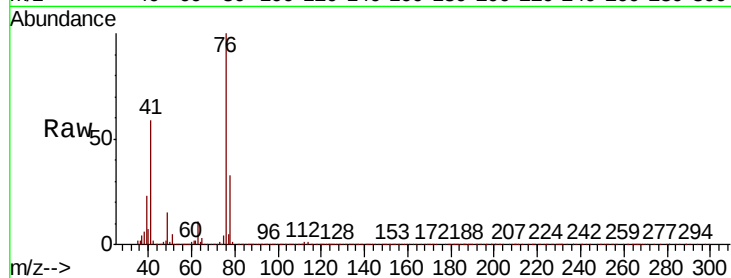
78 32.2 26.0 39.0

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#59

2-Hexanone

Concen: 246.734 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX013637.D

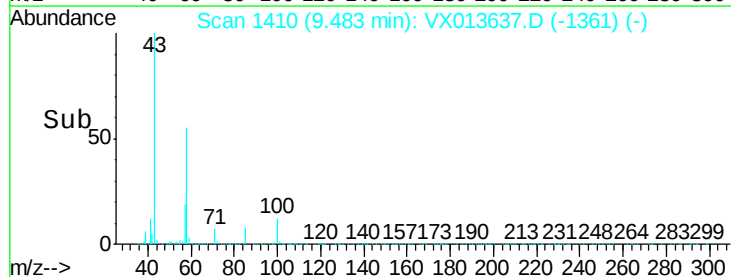
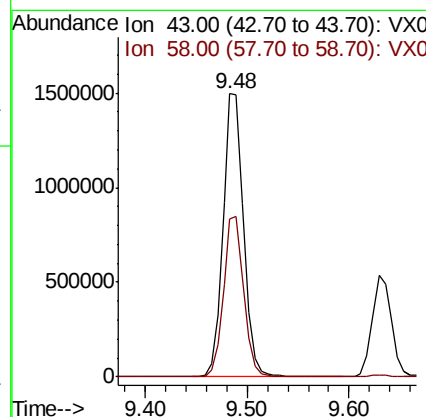
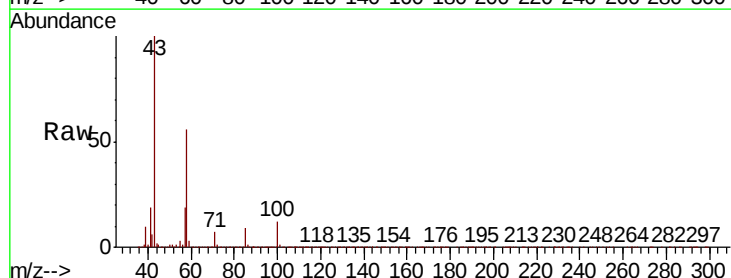
Acq: 27 Nov 2019 06:58

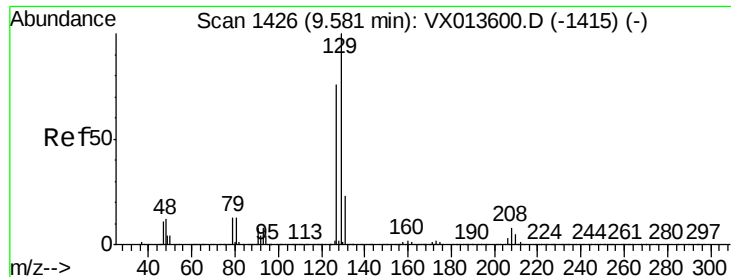
Tgt Ion: 43 Resp: 2104870

Ion Ratio Lower Upper

43 100

58 55.8 28.1 84.4





#60

Dibromochloromethane

Concen: 50.027 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20191121MS

Tot Ion:129 Resp: 372712

Ion Ratio Lower Upper

129 100

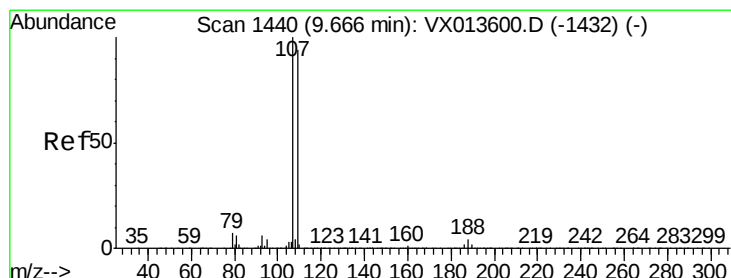
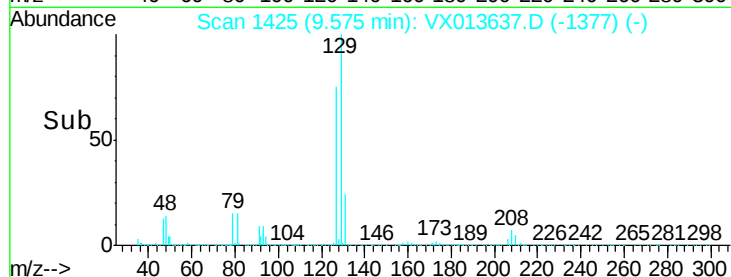
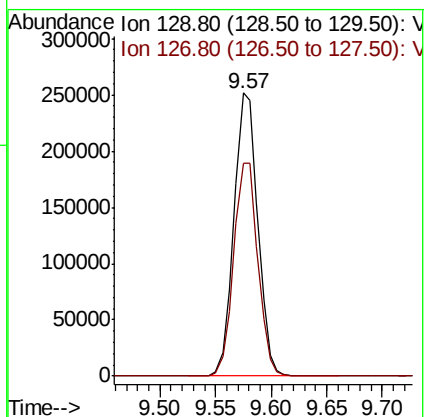
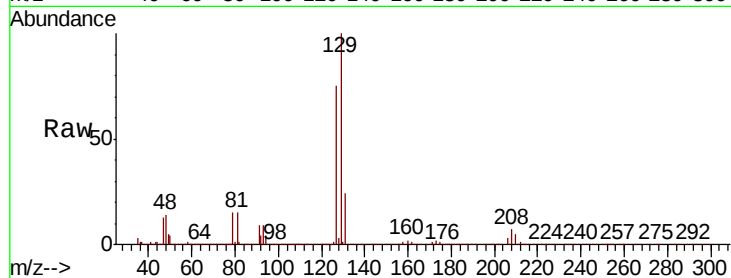
127 76.6 38.5 115.5

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#61

1,2-Dibromoethane

Concen: 48.891 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013637.D

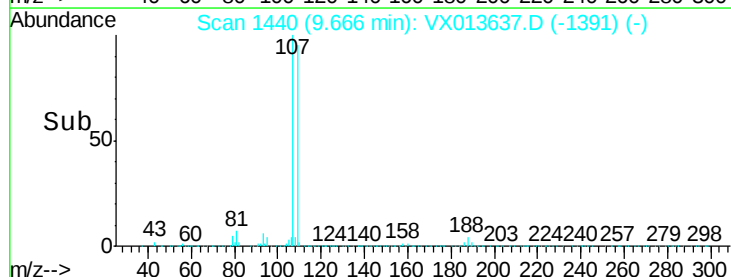
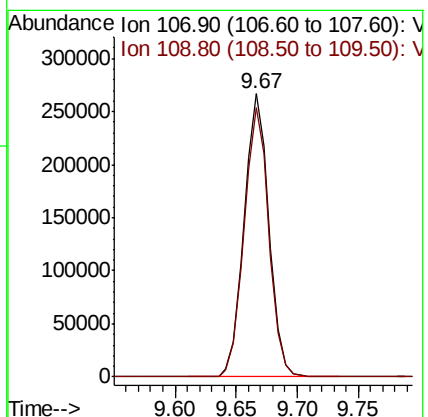
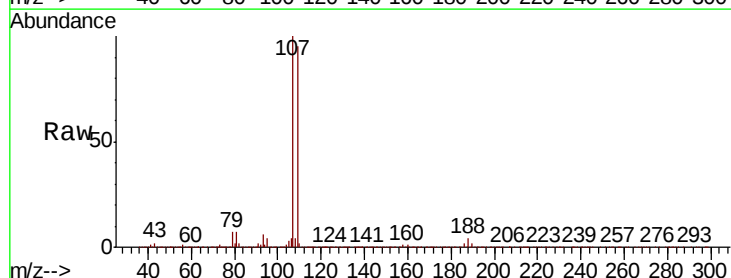
Acq: 27 Nov 2019 06:58

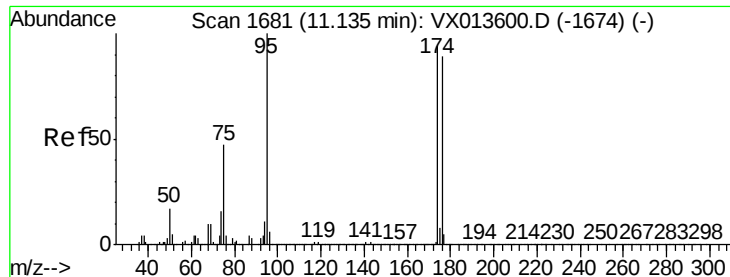
Tgt Ion:107 Resp: 374860

Ion Ratio Lower Upper

107 100

109 95.0 76.1 114.1





#62

4-Bromofluorobenzene

Concen: 46.819 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

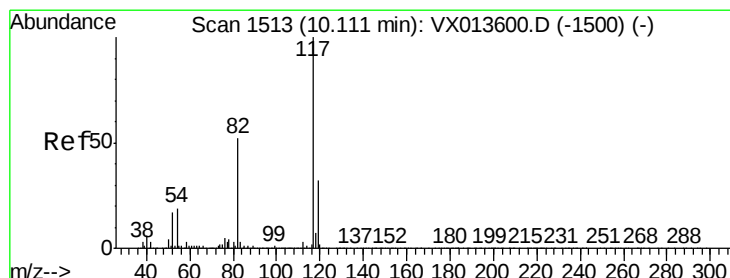
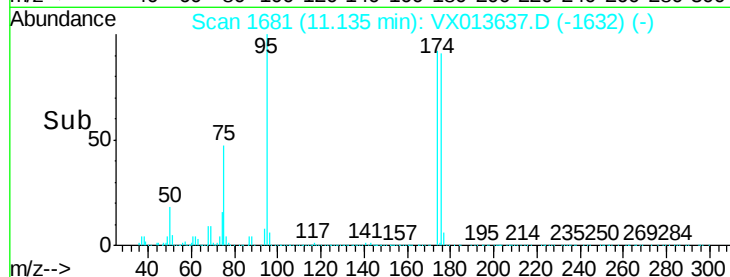
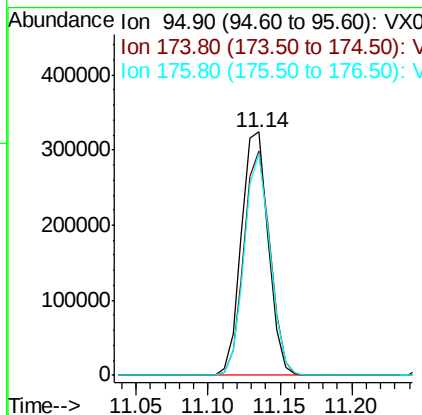
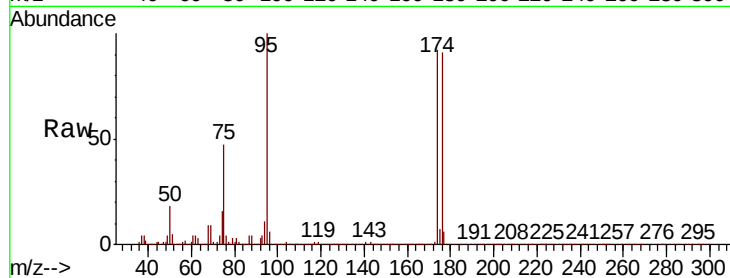
ClientSampleId :

GR-OF-20191121MS

Tot Ion:	95	Resp:	421782
Ion Ratio	Lower	Upper	
95	100		
174	89.6	0.0	180.0
176	86.6	0.0	173.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

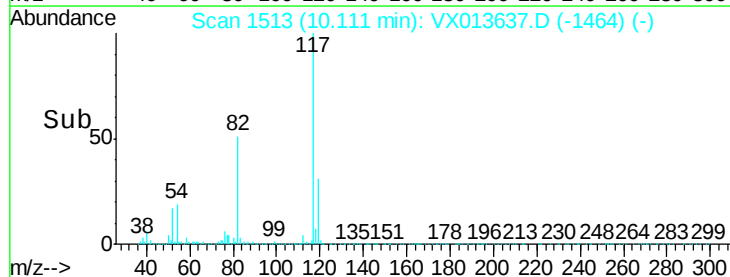
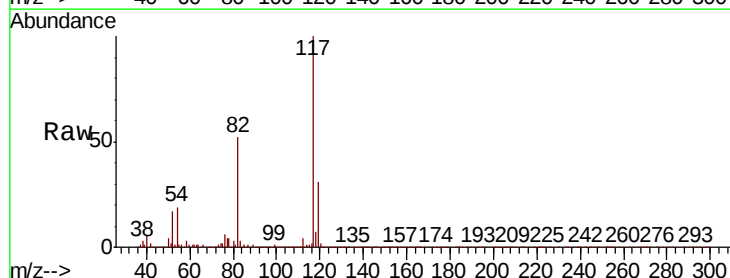
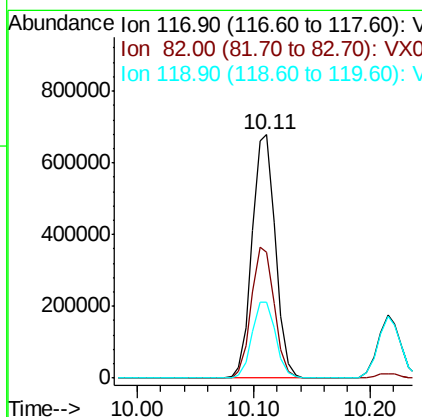
RT: 10.11 min Scan# 1513

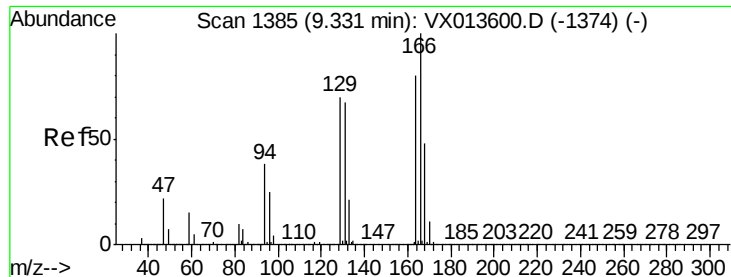
Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Tgt Ion:	117	Resp:	946615
Ion Ratio	Lower	Upper	
117	100		
82	51.5	41.8	62.8
119	31.1	25.8	38.8





#64

Tetrachloroethene

Concen: 46.722 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

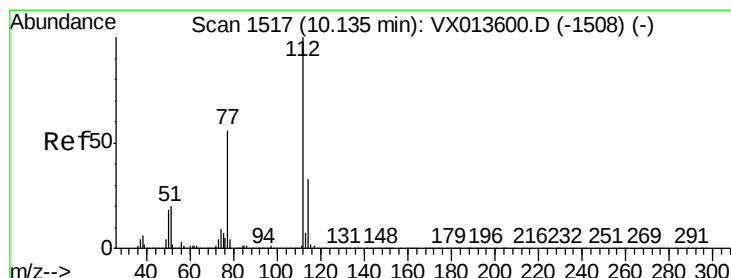
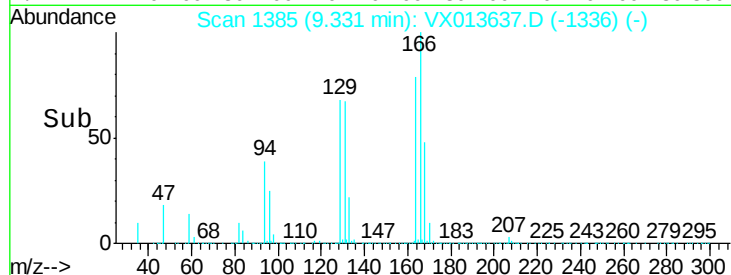
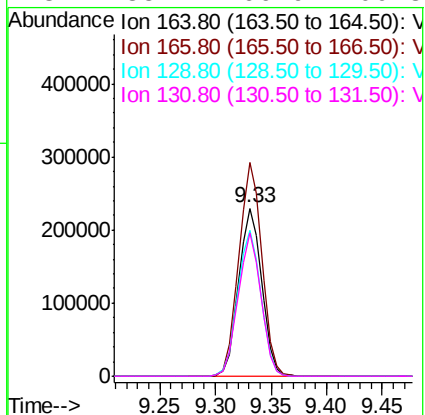
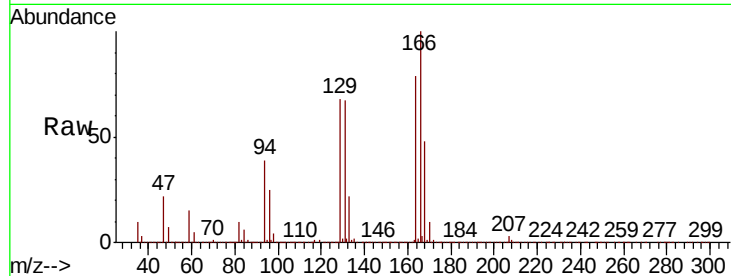
ClientSampleId :

GR-OF-20191121MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	127.2	99.7	149.5	
129	86.8	70.1	105.1	
131	85.1	66.9	100.3	

Manual Integrations
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#65

Chlorobenzene

Concen: 47.783 ug/l

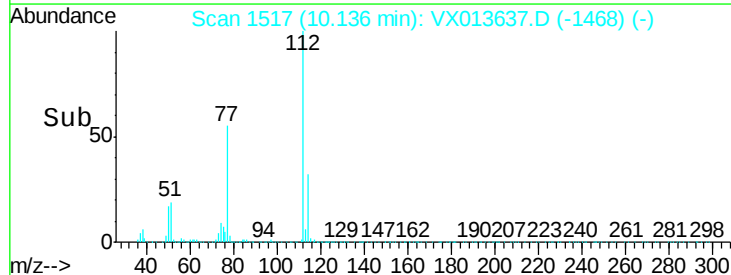
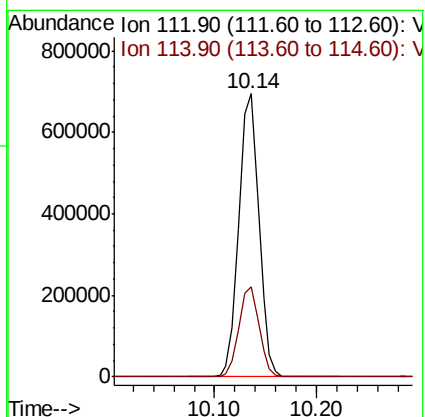
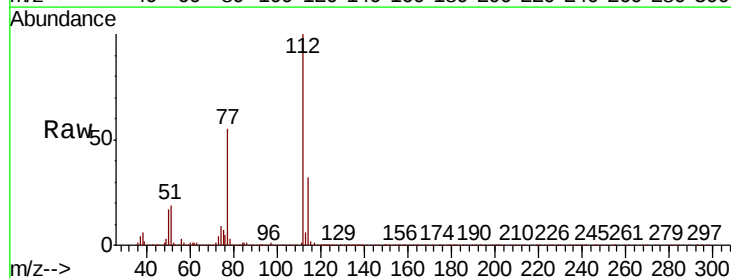
RT: 10.14 min Scan# 1517

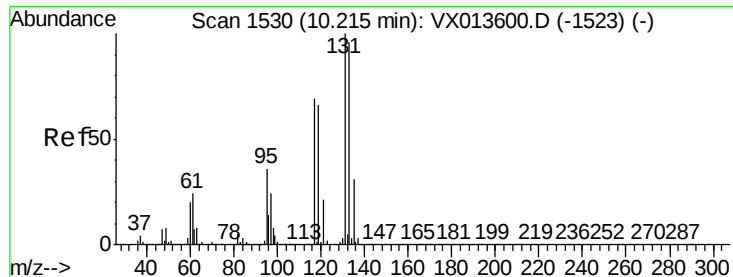
Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	31.6	26.1	39.1	





#66

1,1,1,2-Tetrachloroethane

Concen: 49.369 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

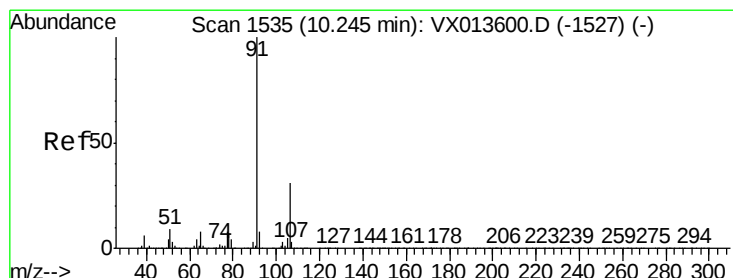
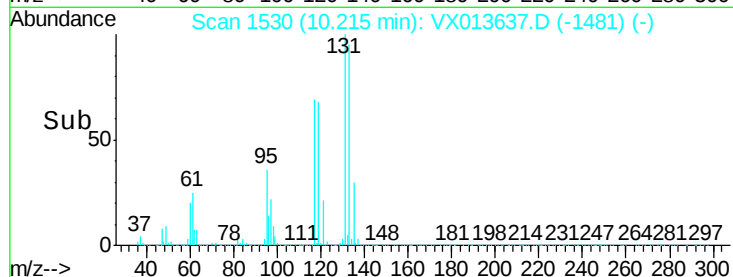
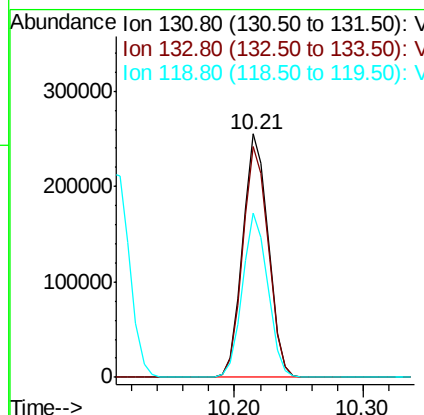
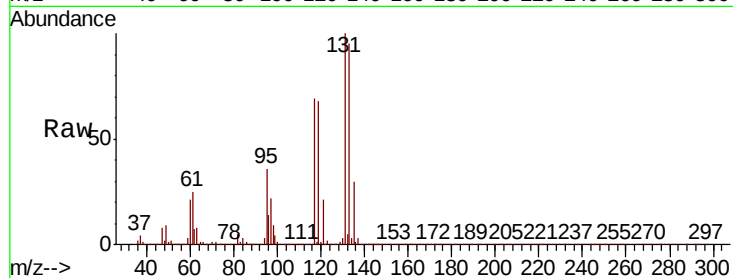
ClientSampleId :

GR-OF-20191121MS

Tot Ion:	131	Resp:	348416
Ion Ratio	Lower	Upper	
131	100		
133	95.2	47.7	143.1
119	66.6	32.9	98.6

Manual Integrations
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#67

Ethyl Benzene

Concen: 49.086 ug/l

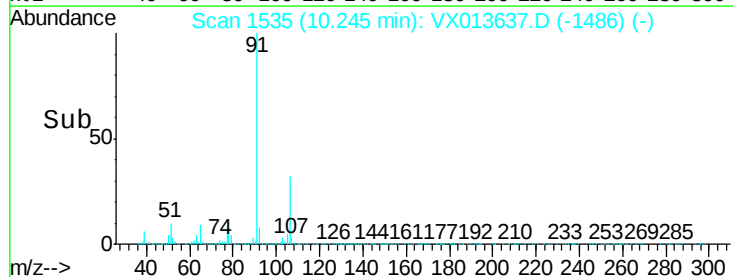
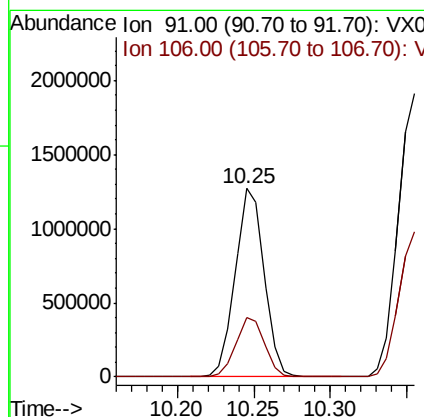
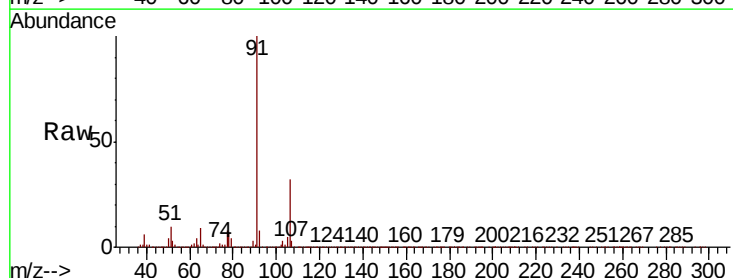
RT: 10.25 min Scan# 1535

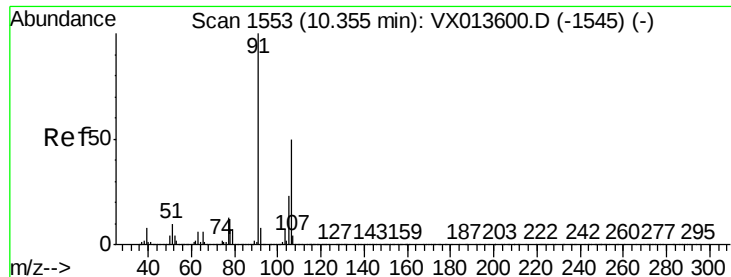
Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Tgt Ion:	91	Resp:	1657772
Ion Ratio	Lower	Upper	
91	100		
106	31.6	24.5	36.7





#68

m/p-Xylenes

Concen: 97.899 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20191121MS

Tot Ion:106 Resp: 1265843

Ion Ratio Lower Upper

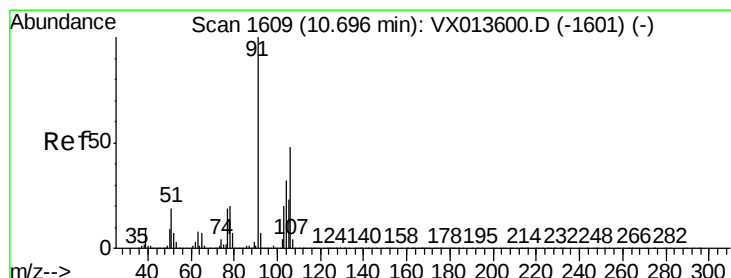
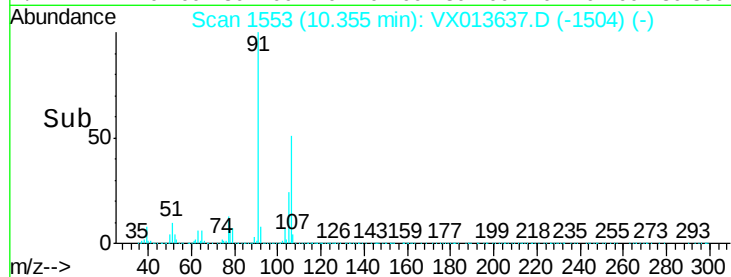
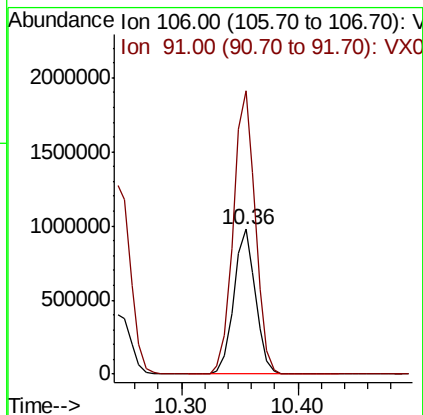
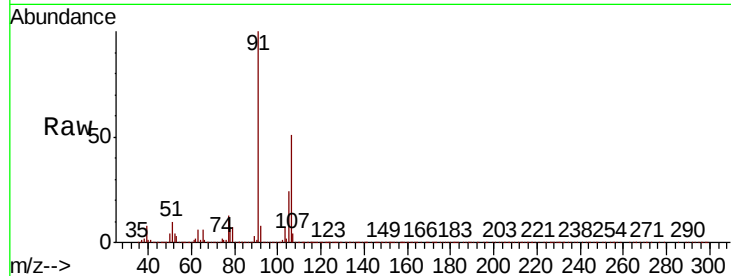
106 100

91 199.1 159.0 238.4

Manual Integrations
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#69

o-Xylene

Concen: 49.126 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX013637.D

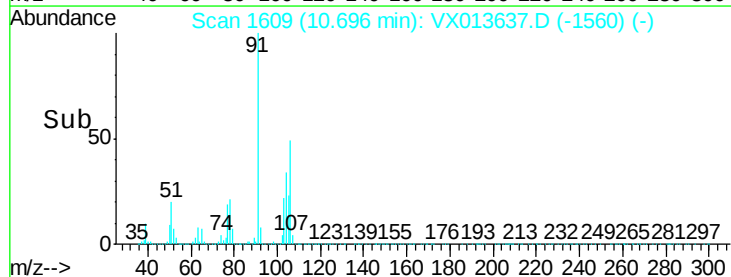
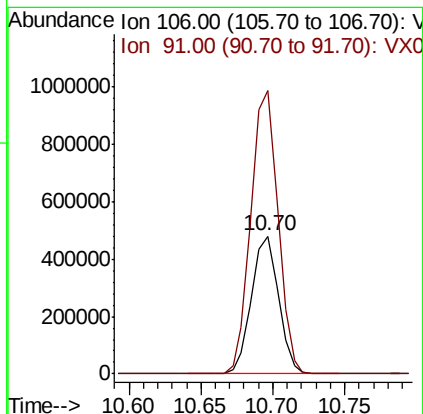
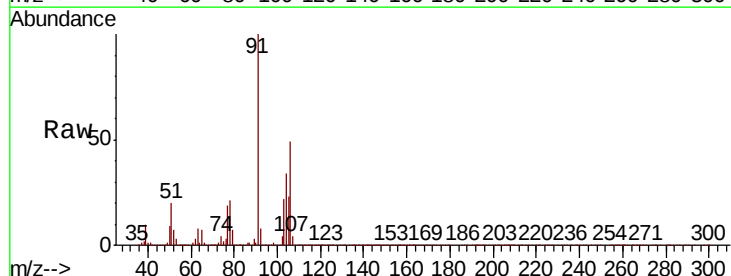
Acq: 27 Nov 2019 06:58

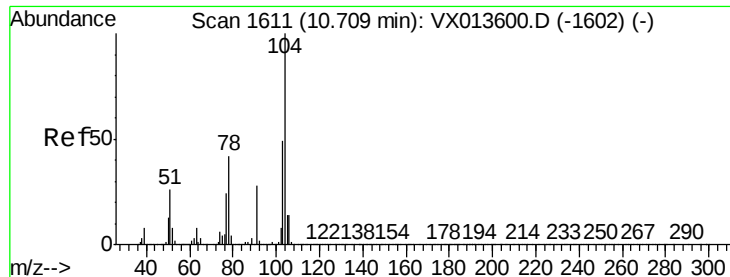
Tgt Ion:106 Resp: 619508

Ion Ratio Lower Upper

106 100

91 207.8 104.1 312.2





#70

Stvrene

Concen: 49.296 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20191121MS

Tot Ion:104 Resp: 1045718

Ion Ratio Lower Upper

104 100

78 48.7 38.5 57.7

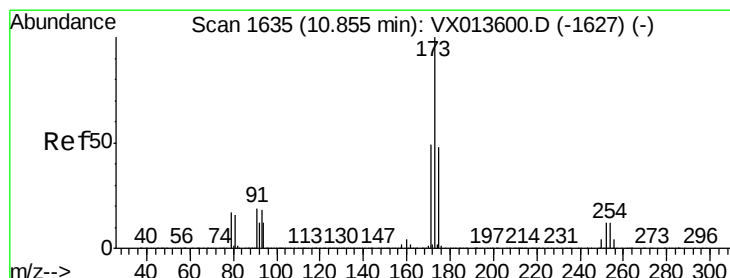
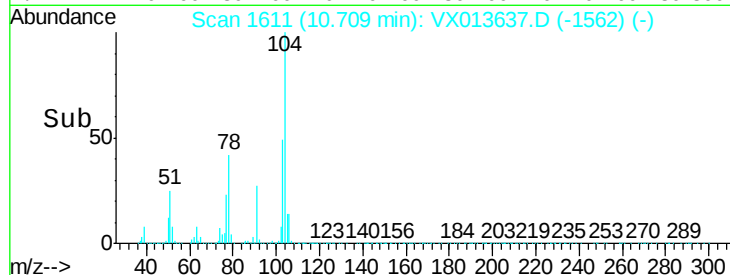
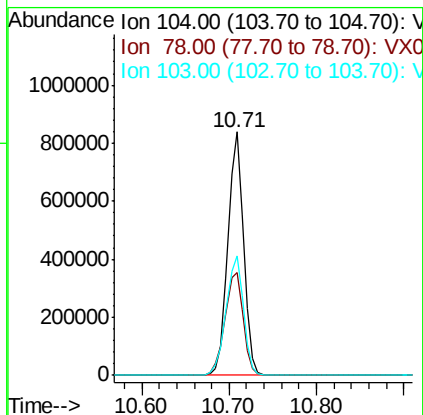
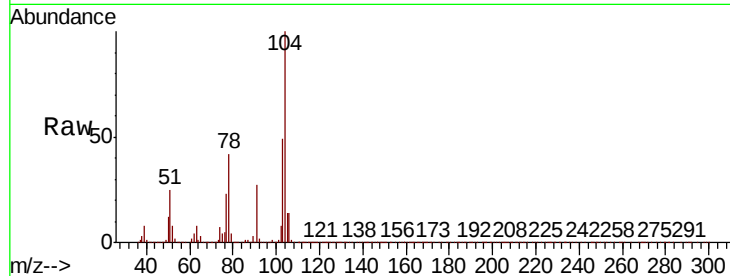
103 54.1 43.7 65.5

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#71

Bromoform

Concen: 50.345 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

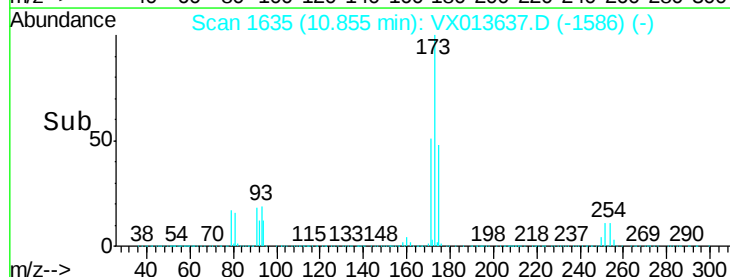
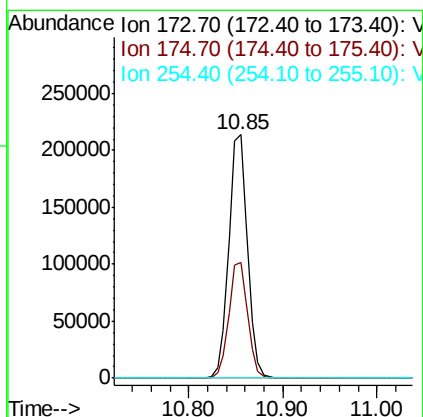
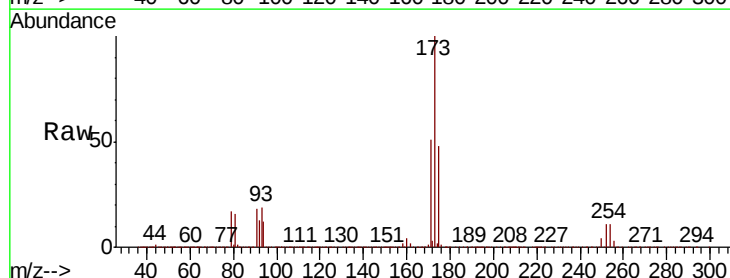
Tgt Ion:173 Resp: 293989

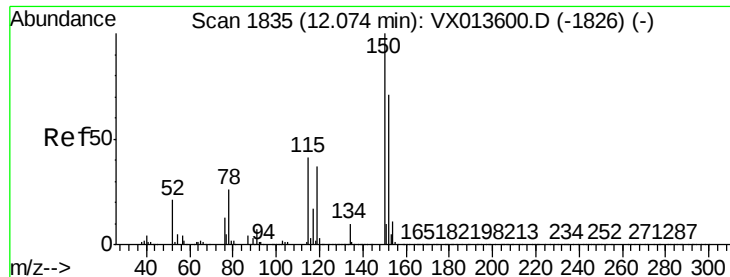
Ion Ratio Lower Upper

173 100

175 48.0 24.3 72.8

254 0.1 0.2 0.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

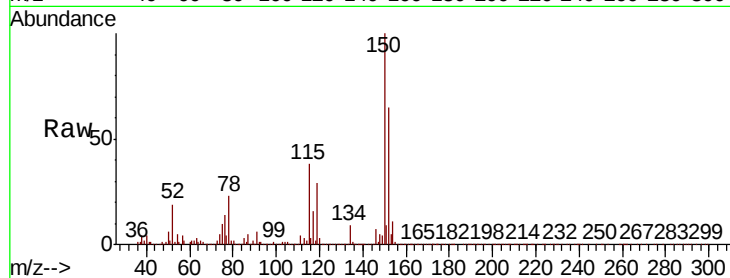
ClientSampleId :

GR-OF-20191121MS

Tot Ion:	152	Resp:	467196
Ion Ratio	Lower	Upper	
152	100		
115	76.7	38.4	115.1
150	169.7	0.0	346.8

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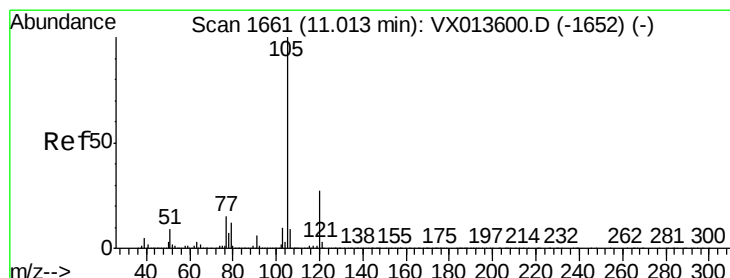
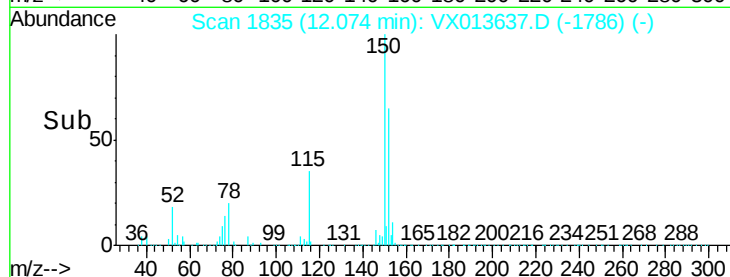
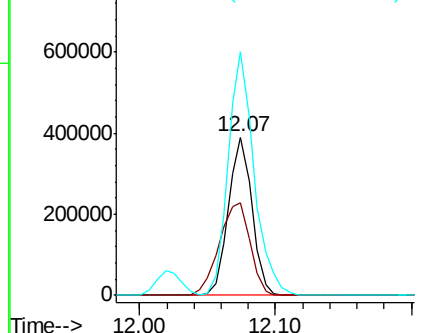
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 49.521 ug/l

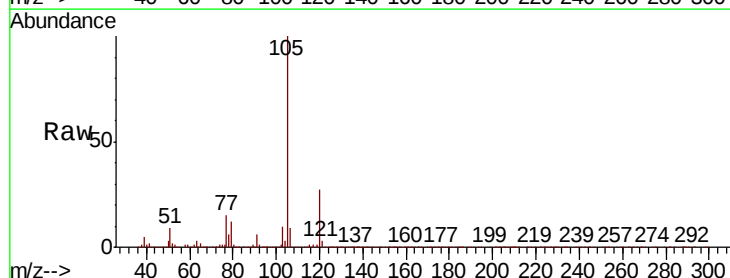
RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013637.D

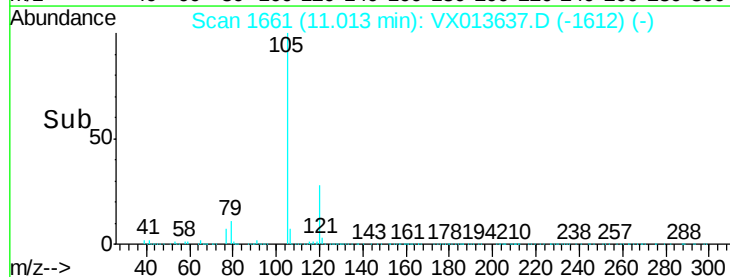
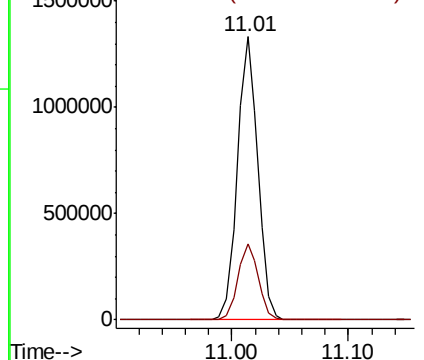
Acq: 27 Nov 2019 06:58

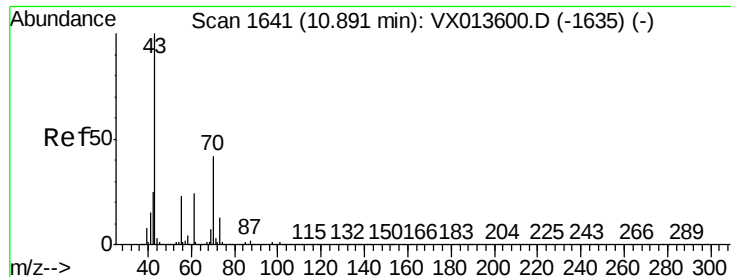
Tgt Ion:	105	Resp:	1622891
Ion Ratio	Lower	Upper	
105	100		
120	26.8	13.5	40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 46.609 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

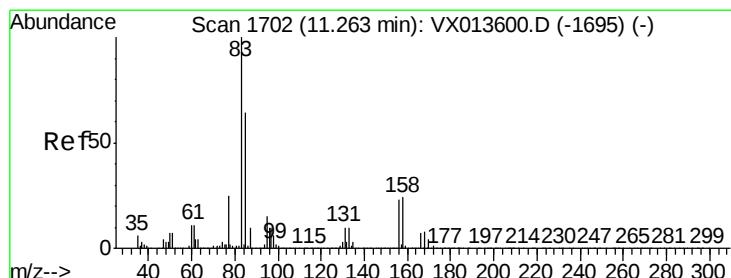
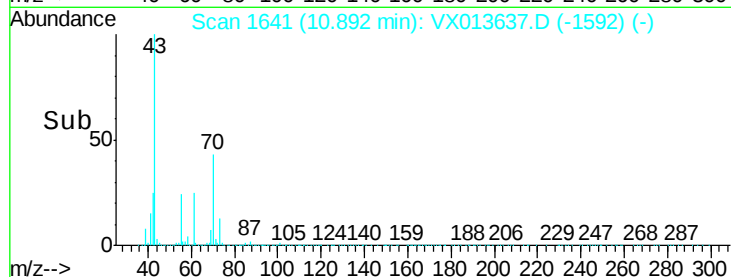
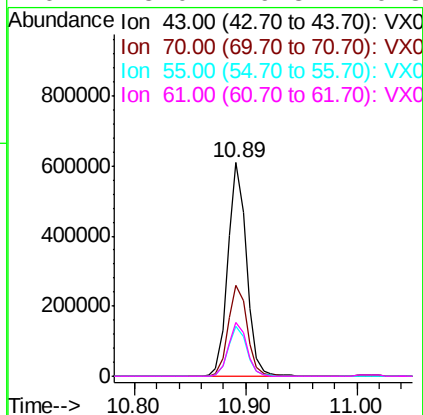
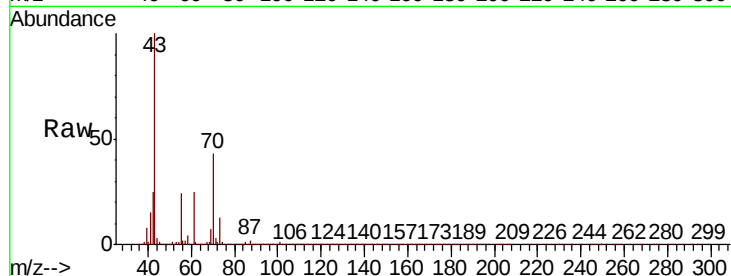
ClientSampleId :

GR-OF-20191121MS

Tot Ion	43	Resp	699715
Ion Ratio	Lower	Upper	
43	100		
70	43.9	34.3	51.5
55	23.8	18.5	27.7
61	25.0	19.8	29.8

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#75

1,1,2,2-Tetrachloroethane

Concen: 49.973 ug/l

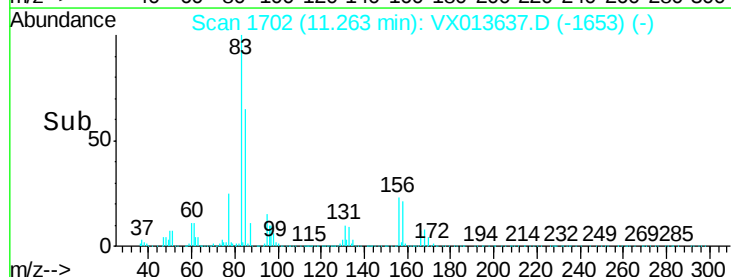
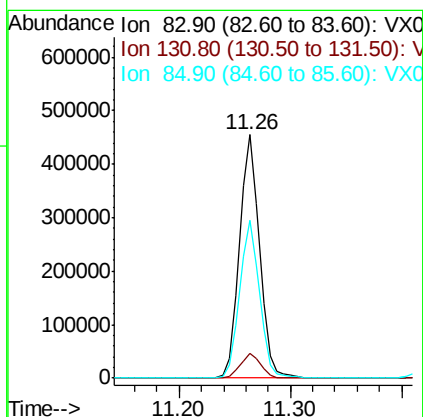
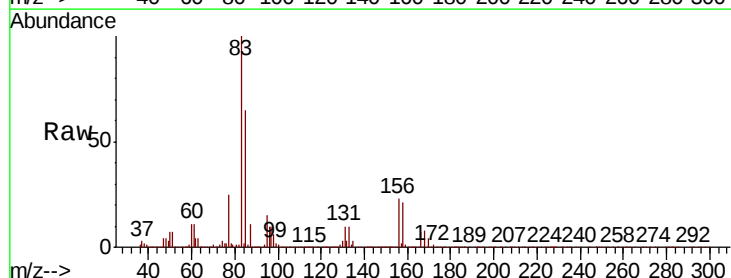
RT: 11.26 min Scan# 1702

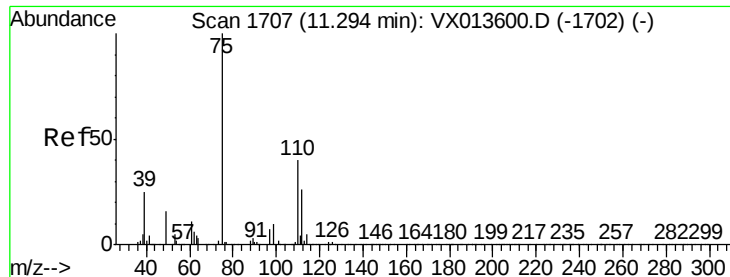
Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Tgt Ion	83	Resp	567950
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.3
85	64.7	31.8	95.3





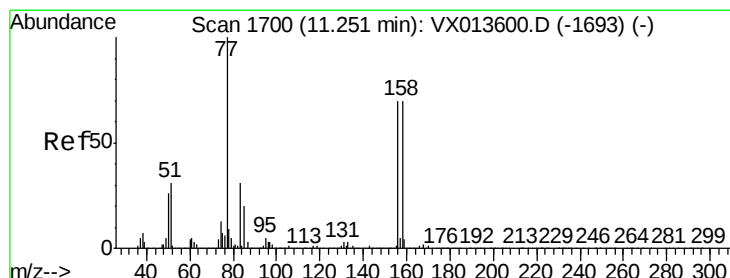
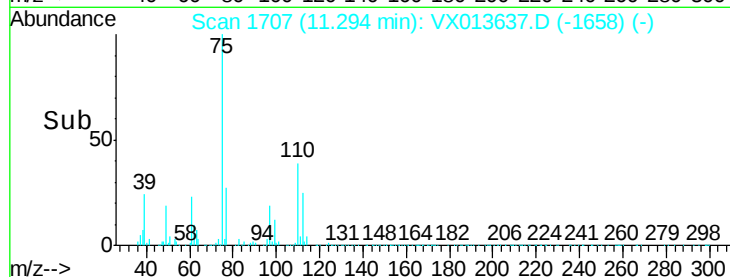
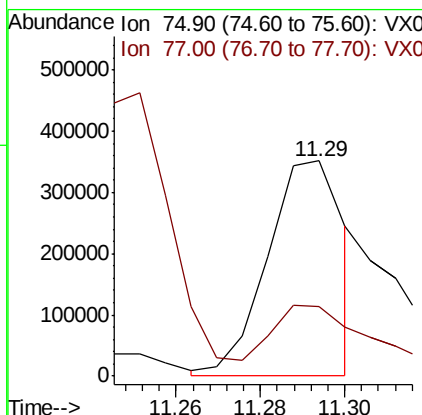
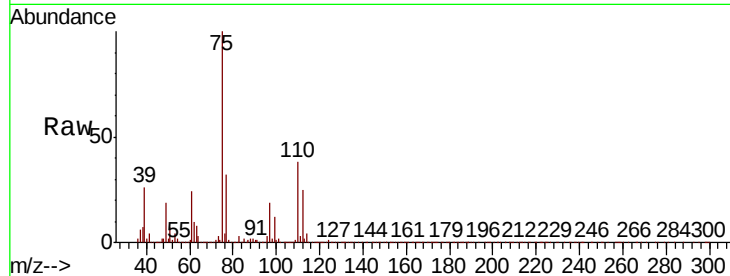
#76
 1,2,3-Trichloropropane
 Concen: 42.403 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20191121MS

Tot Ion: 75 Resp: 445574
 Ion Ratio Lower Upper
 75 100
 77 43.3 19.1 57.5

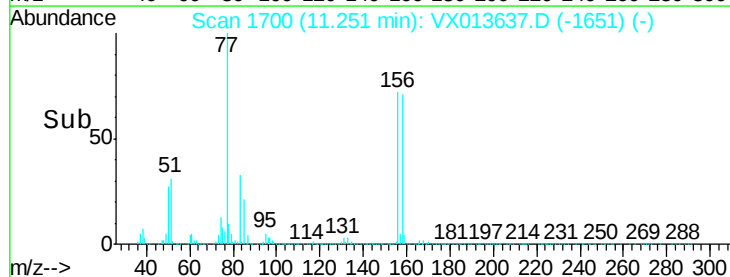
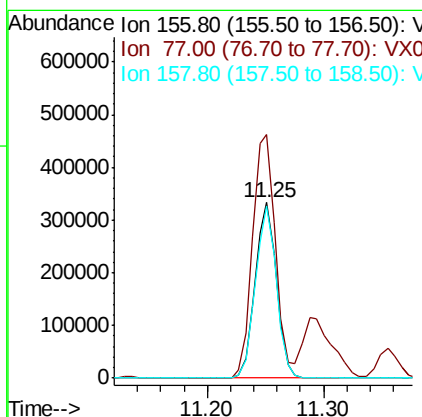
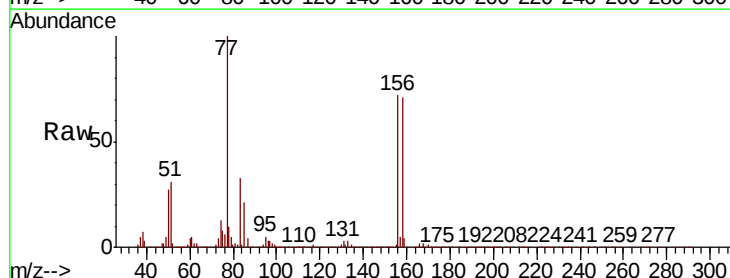
Manual Integrations
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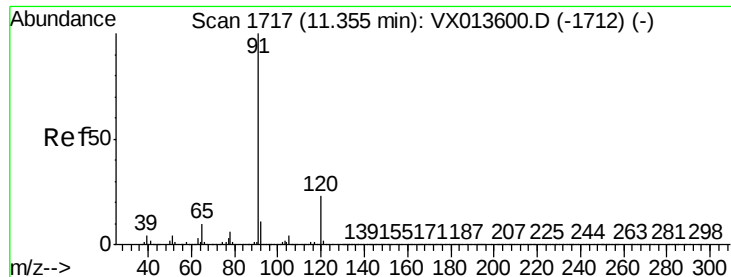
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#77
 Bromobenzene
 Concen: 48.060 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

Tgt Ion: 156 Resp: 425495
 Ion Ratio Lower Upper
 156 100
 77 149.6 74.4 223.1
 158 96.7 48.9 146.6





#78

n-propylbenzene

Concen: 49.775 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20191121MS

Tot Ion: 91 Resp: 1820962

Ion Ratio Lower Upper

91 100

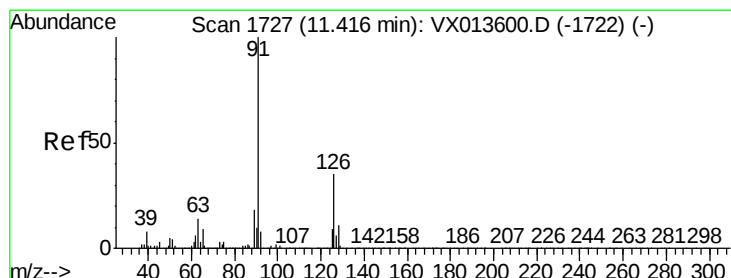
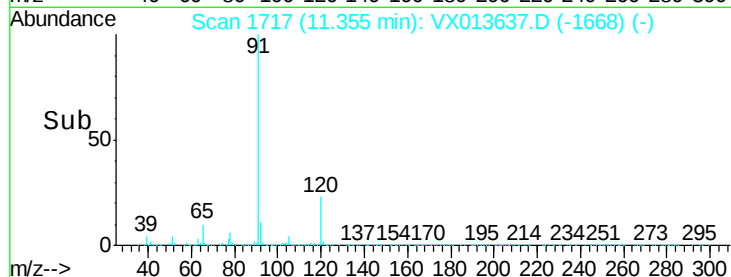
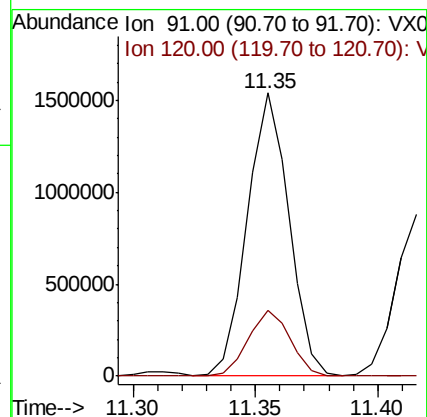
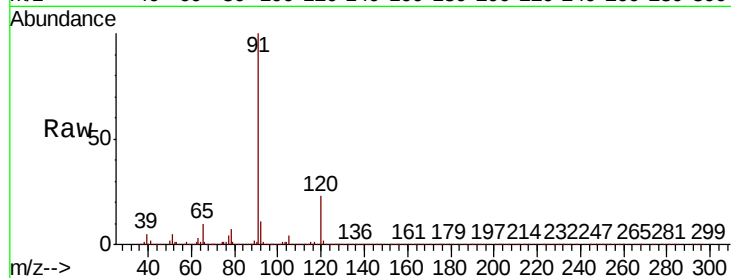
120 23.6 11.8 35.3

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#79

2-Chlorotoluene

Concen: 48.967 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013637.D

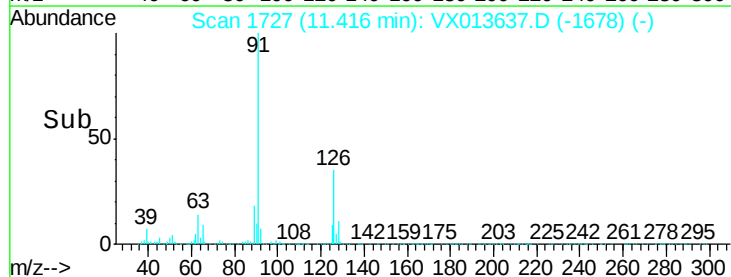
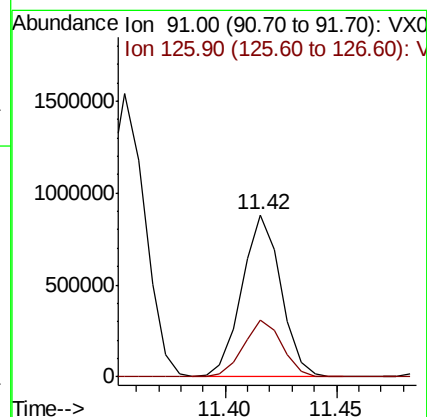
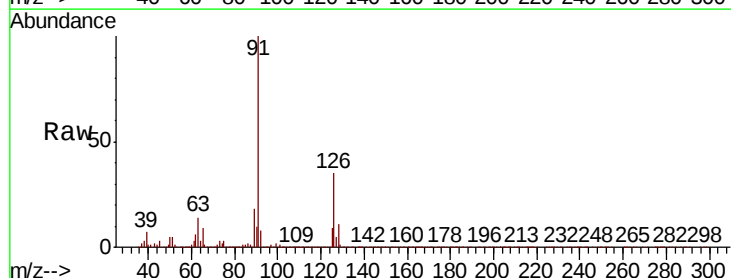
Acq: 27 Nov 2019 06:58

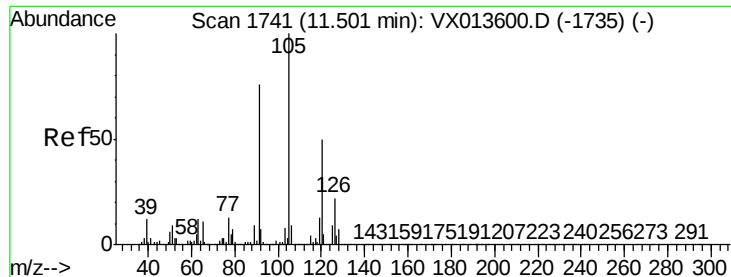
Tgt Ion: 91 Resp: 1074608

Ion Ratio Lower Upper

91 100

126 34.7 17.5 52.5





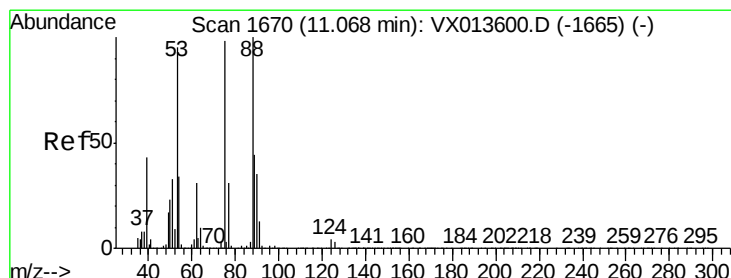
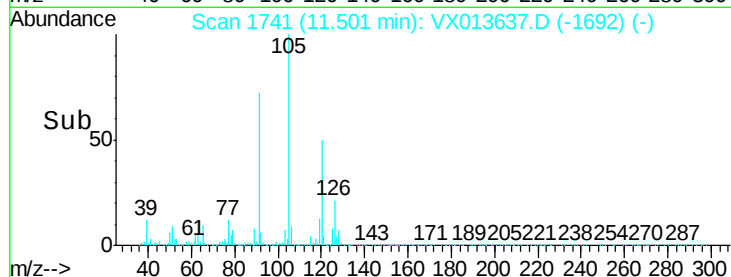
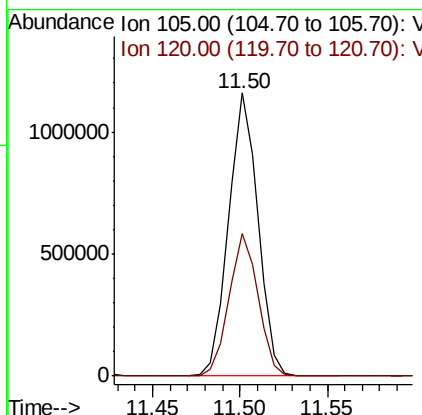
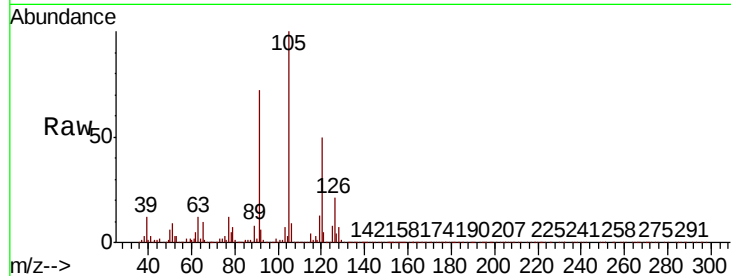
#80
 1,3,5-Trimethylbenzene
 Concen: 50.358 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20191121MS

Tot Ion:105 Resp: 1352584
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.3 75.9

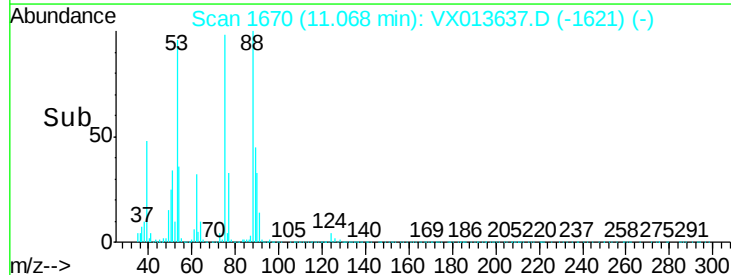
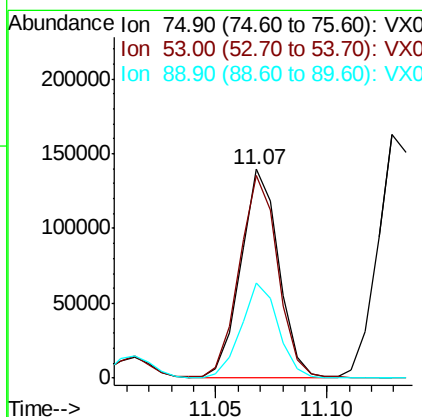
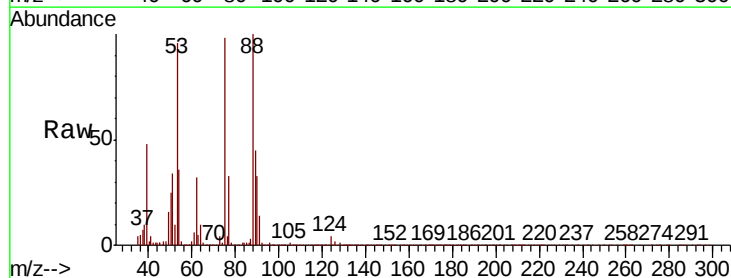
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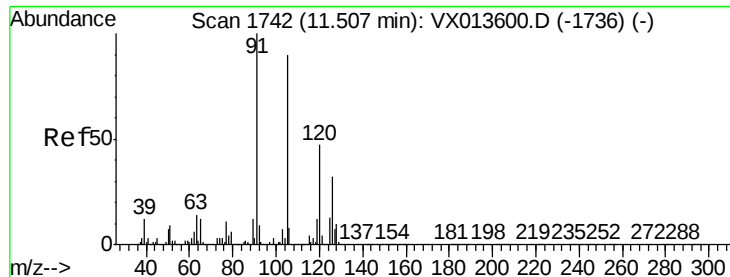
apatel
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.217 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

Tgt Ion: 75 Resp: 165993
 Ion Ratio Lower Upper
 75 100
 53 98.7 78.2 117.2
 89 45.5 35.4 53.2





#82

4-Chlorotoluene

Concen: 48.452 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20191121MS

Tot Ion: 91 Resp: 1231546

Ion Ratio Lower Upper

91 100

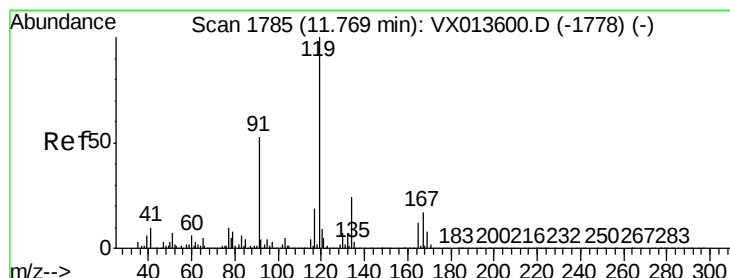
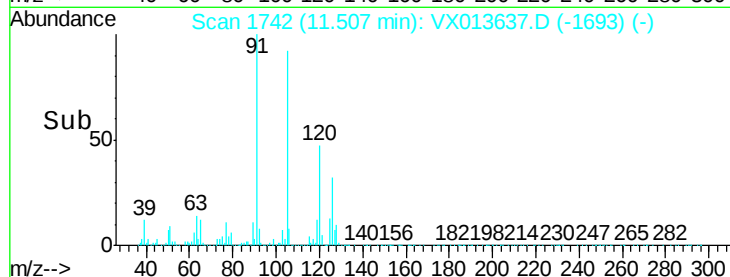
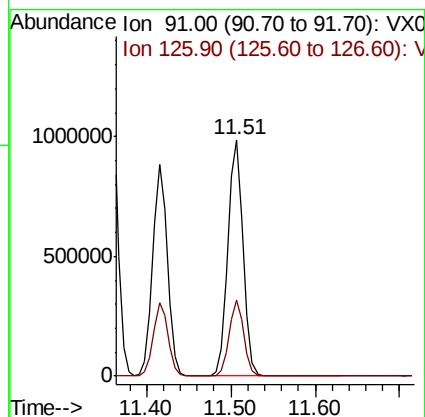
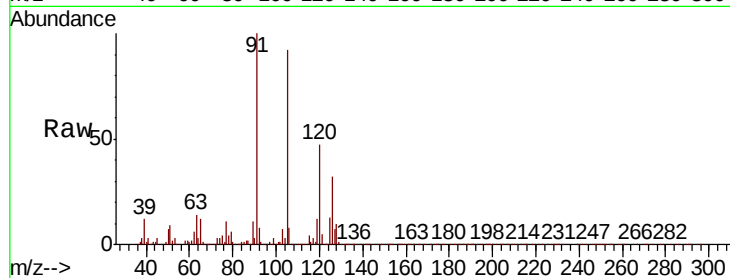
126 31.0 15.7 47.0

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#83

tert-Butylbenzene

Concen: 50.185 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

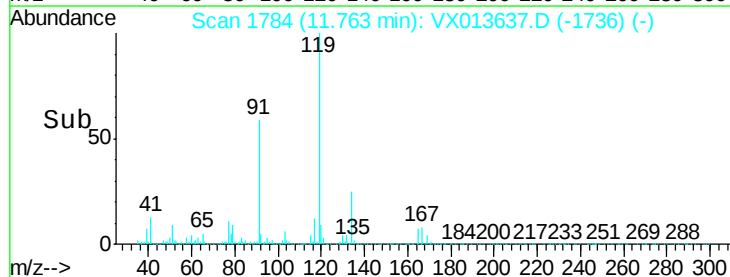
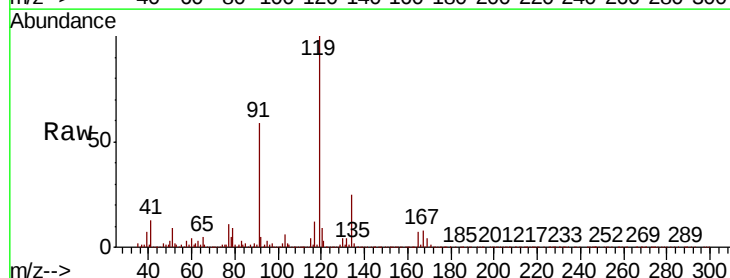
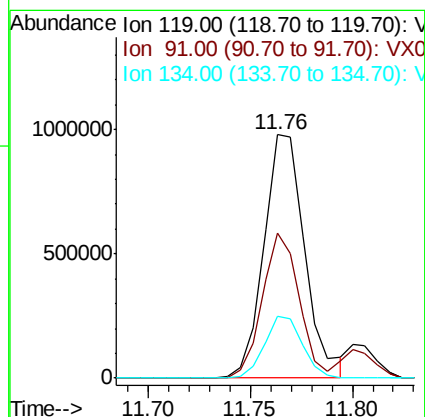
Tgt Ion: 119 Resp: 1369907

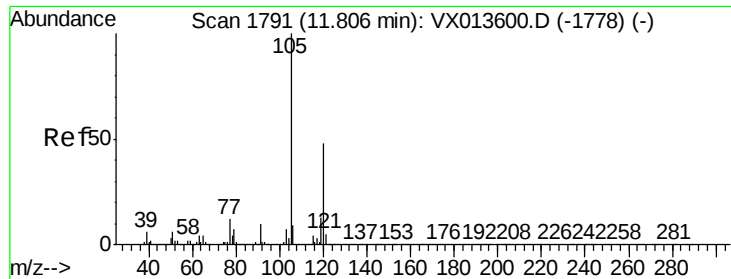
Ion Ratio Lower Upper

119 100

91 53.5 27.2 81.6

134 23.6 11.7 35.1





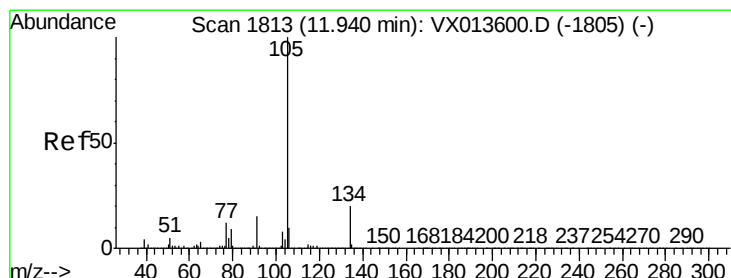
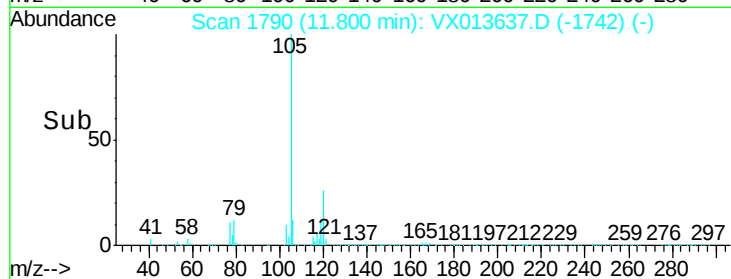
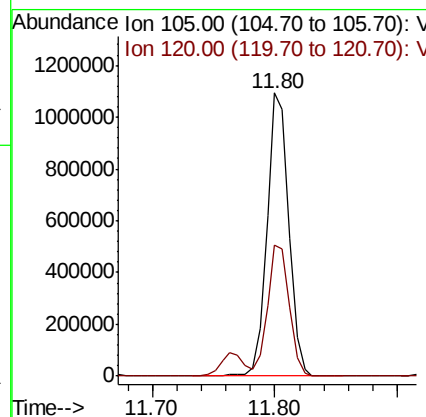
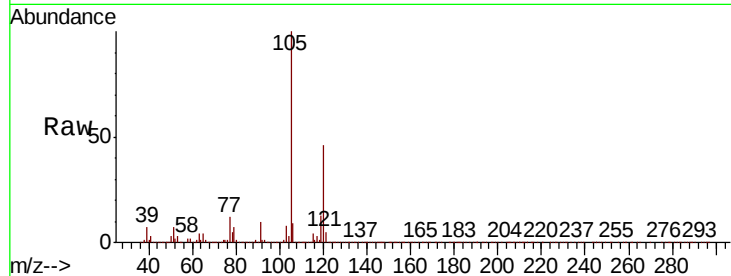
#84
 1,2,4-Trimethylbenzene
 Concen: 49.589 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20191121MS

Tot Ion:105 Resp: 1351802
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.1 69.3

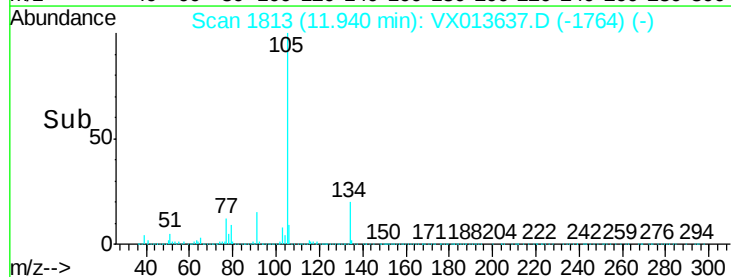
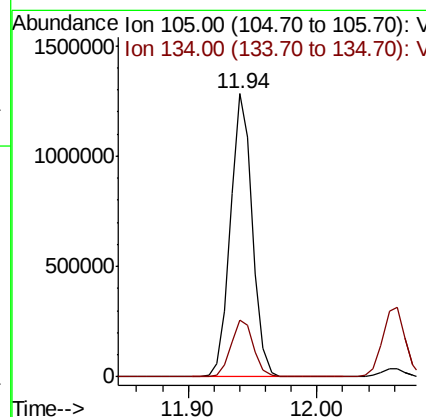
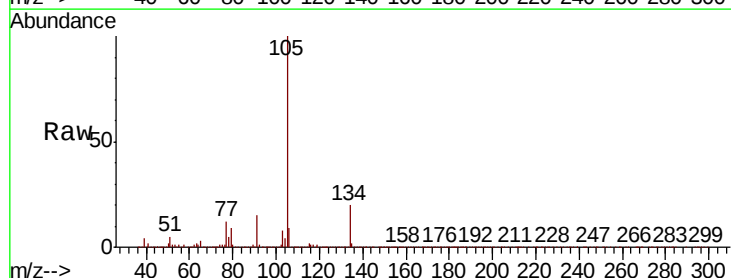
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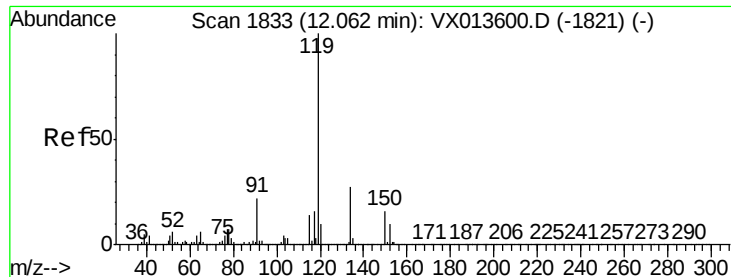
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#85
 sec-Butylbenzene
 Concen: 49.127 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

Tgt Ion:105 Resp: 1531761
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.2





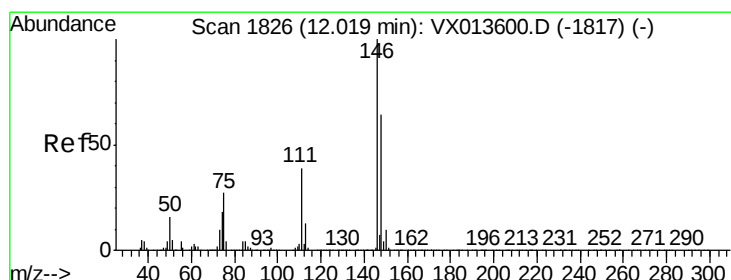
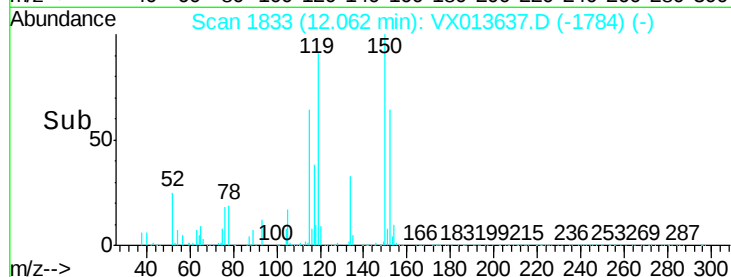
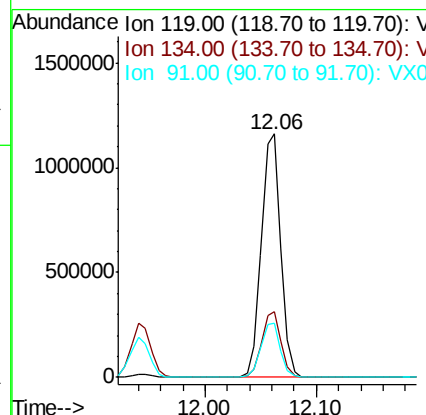
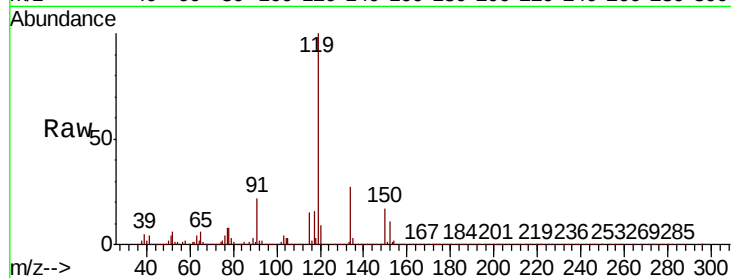
#86
p-Isopropyltoluene
Concen: 48.635 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.3	39.9
91	22.3	11.3	33.8

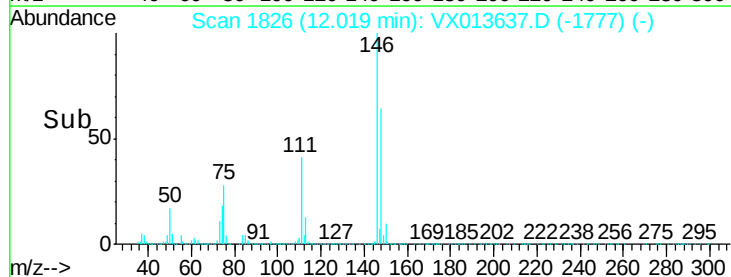
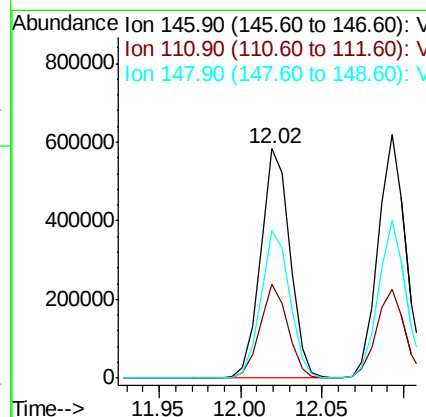
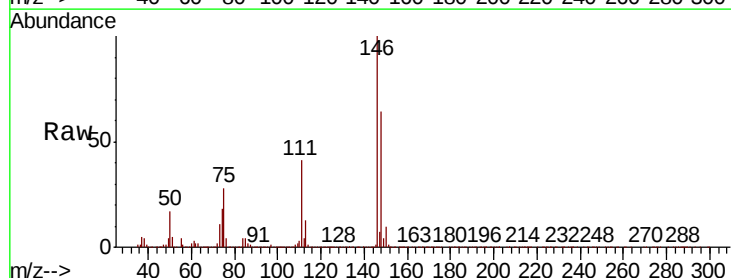
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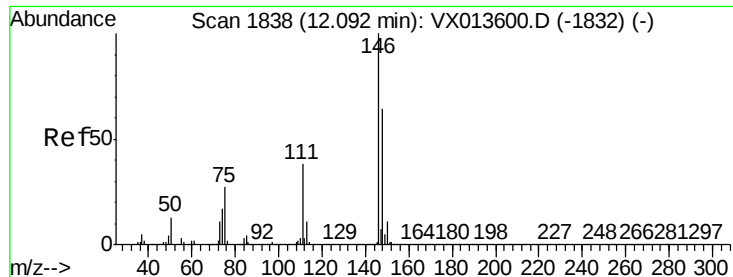
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#87
1,3-Dichlorobenzene
Concen: 47.119 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.0	57.0
148	64.2	31.8	95.4





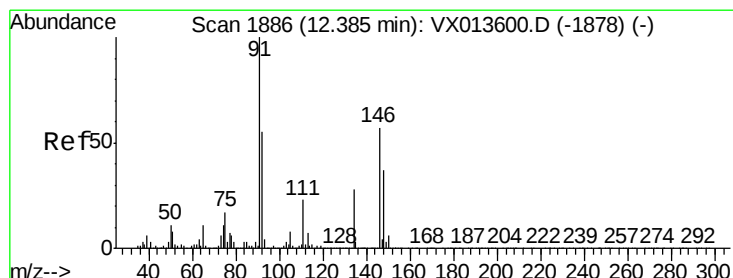
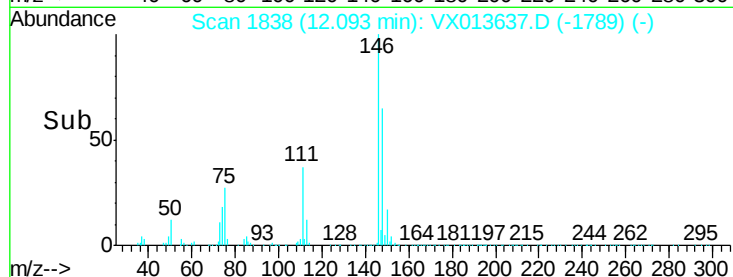
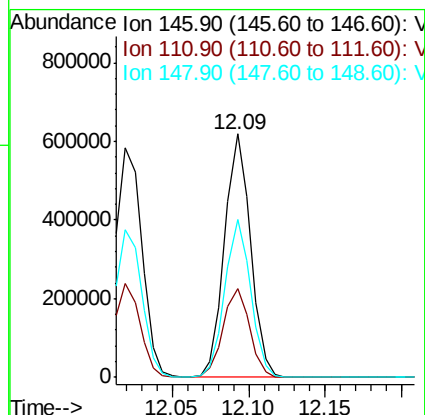
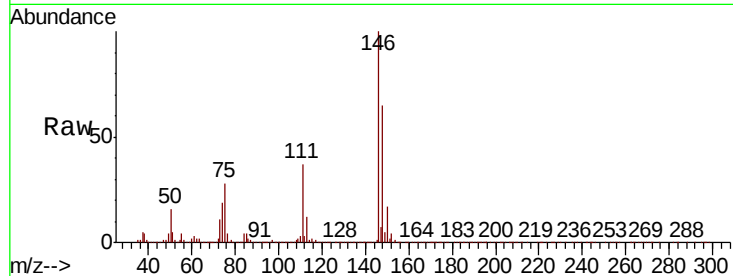
#88
 1,4-Dichlorobenzene
 Concen: 46.344 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20191121MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.9
148	64.6	31.9	95.5

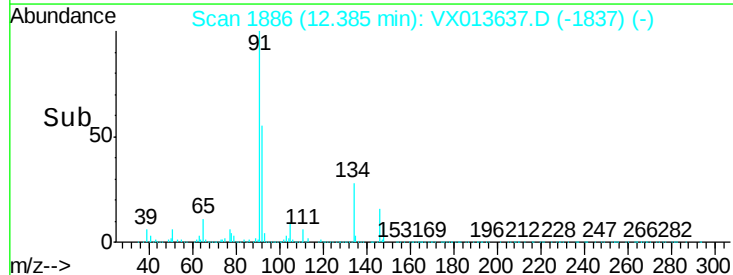
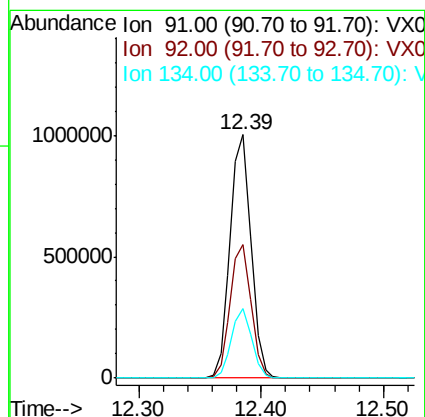
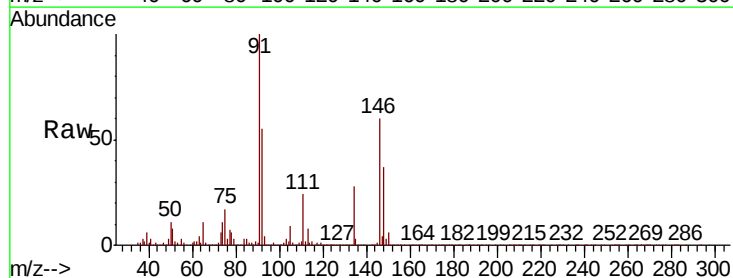
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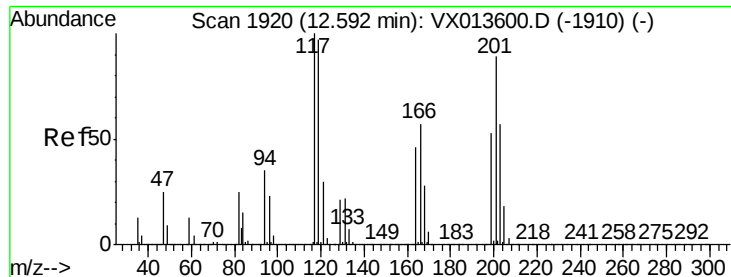
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#89
 n-Butylbenzene
 Concen: 47.827 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.4	82.2
134	27.5	13.5	40.4





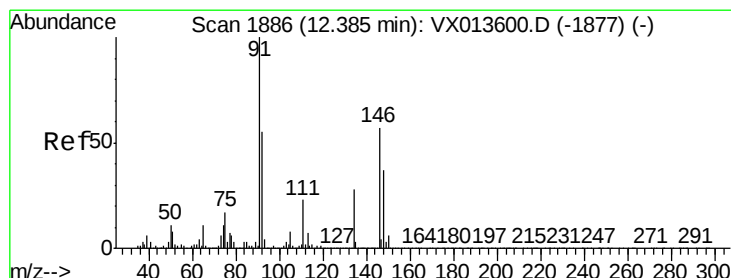
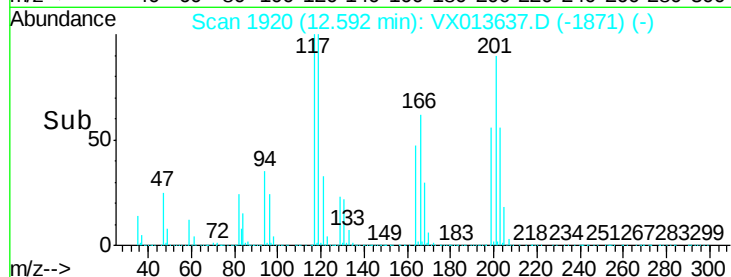
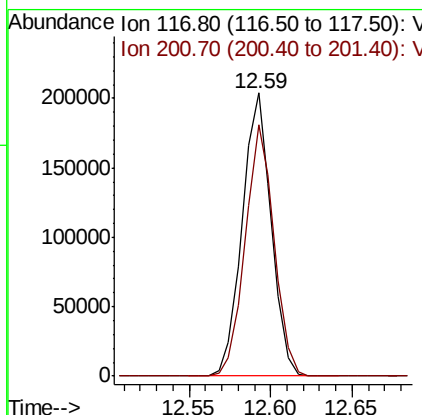
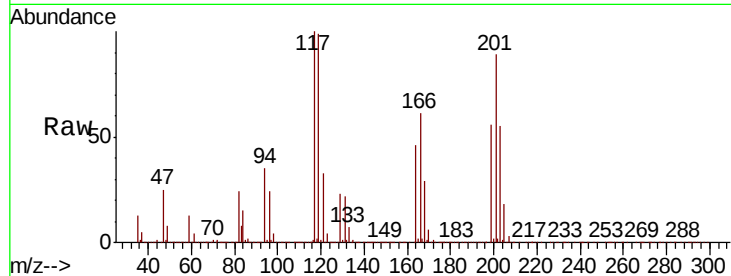
#90
Hexachloroethane
Concen: 48.059 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20191121MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	251967		
201	88.6	44.1	132.4	

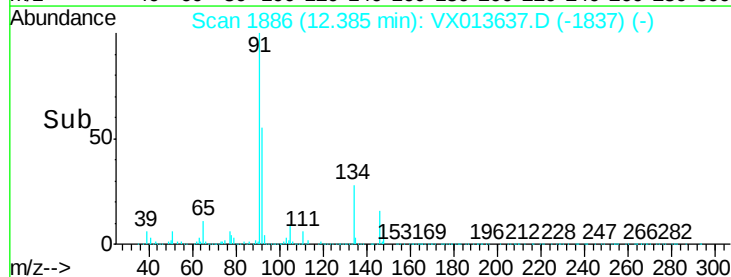
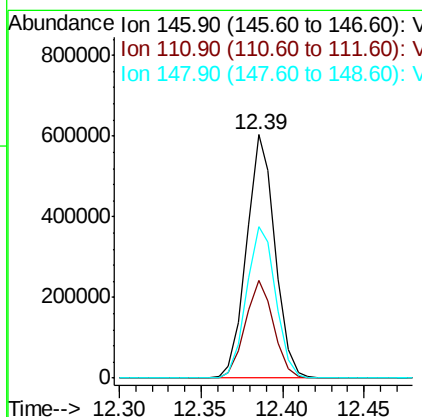
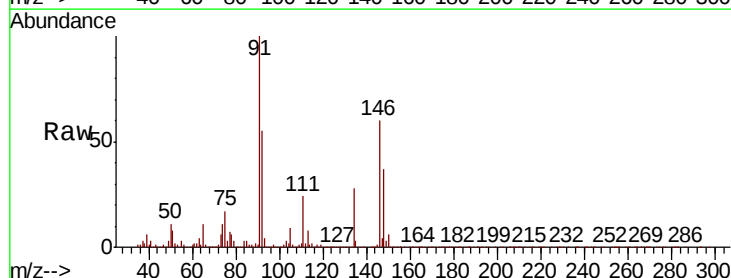
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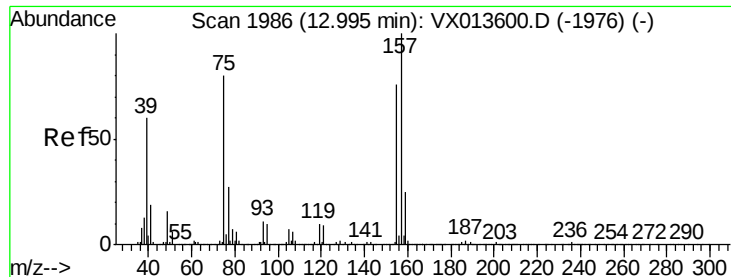
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#91
1,2-Dichlorobenzene
Concen: 48.128 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013637.D
Acq: 27 Nov 2019 06:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	733881		
111	39.8	19.6	58.7	
148	64.2	31.9	95.7	





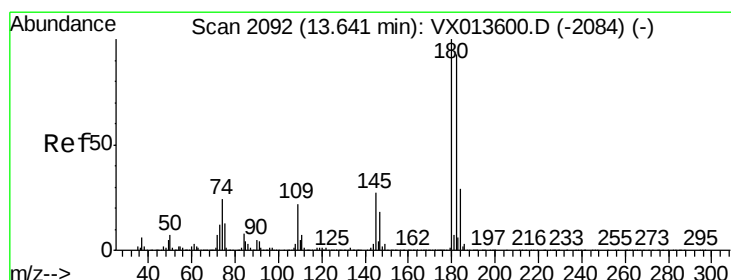
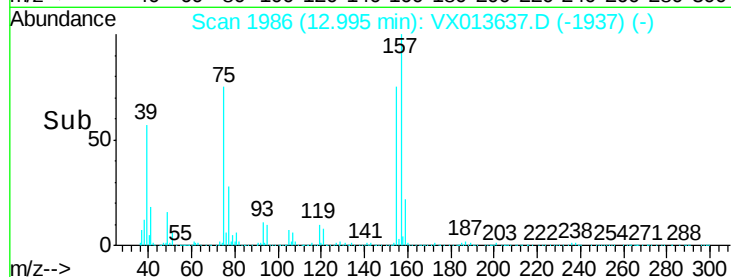
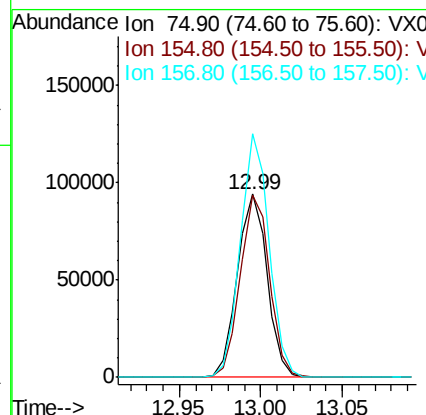
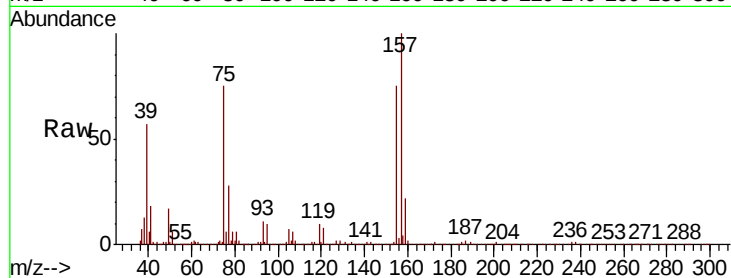
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.353 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20191121MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	98.4	47.6	142.8
157	128.6	62.1	186.2

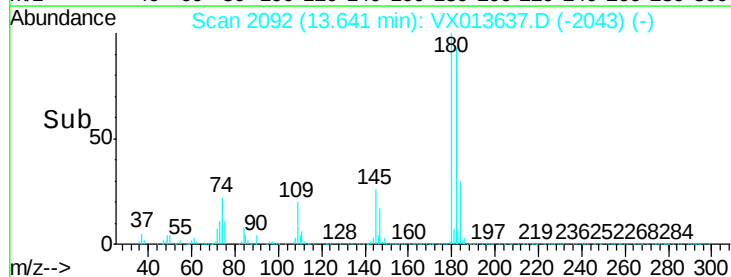
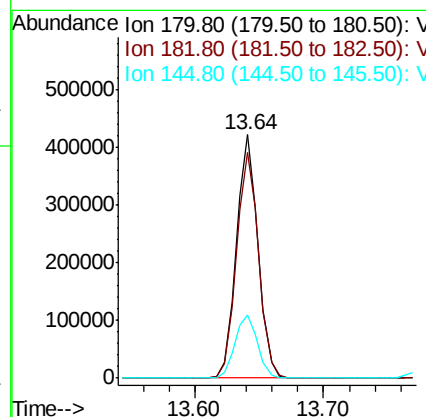
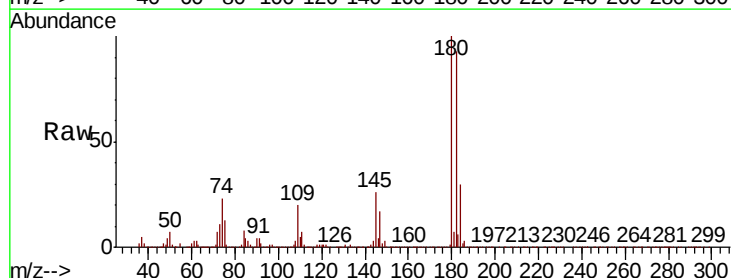
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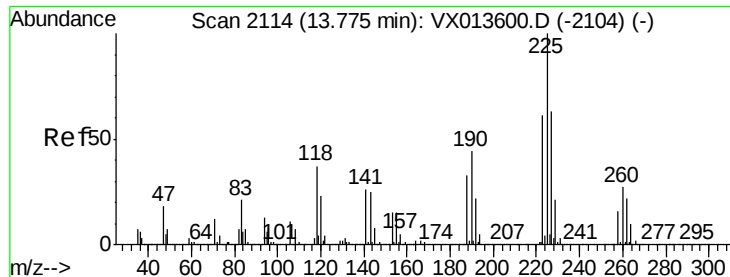
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#93
 1,2,4-Trichlorobenzene
 Concen: 46.383 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.2	141.6
145	27.0	13.8	41.4





#94

Hexachlorobutadiene

Concen: 43.386 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Instrument :

MSVOA_X

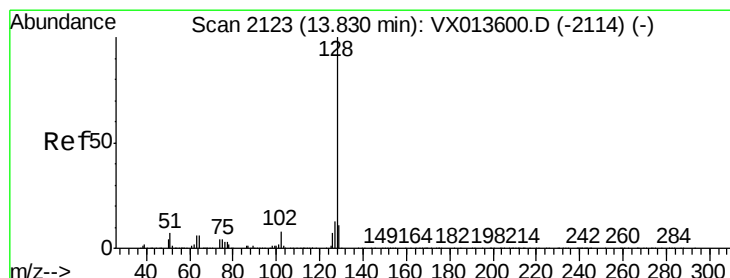
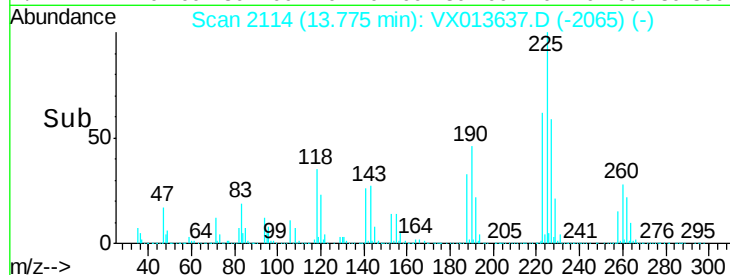
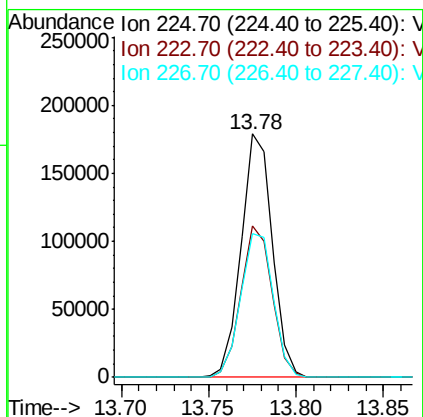
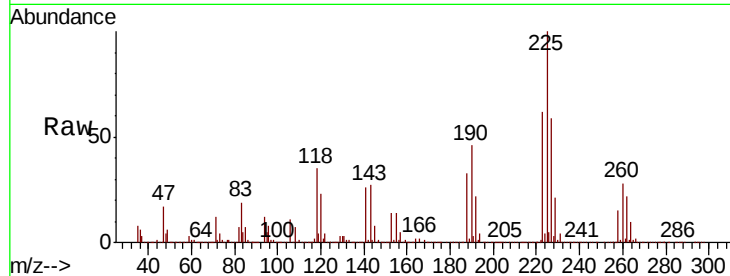
ClientSampleId :

GR-OF-20191121MS

Tot Ion:	225	Resp:	221485
Ion Ratio		Lower	Upper
225	100		
223	62.4	31.9	95.5
227	62.4	32.1	96.3

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#95

Naphthalene

Concen: 48.955 ug/l

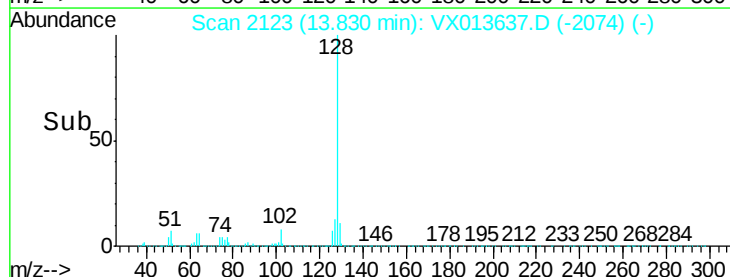
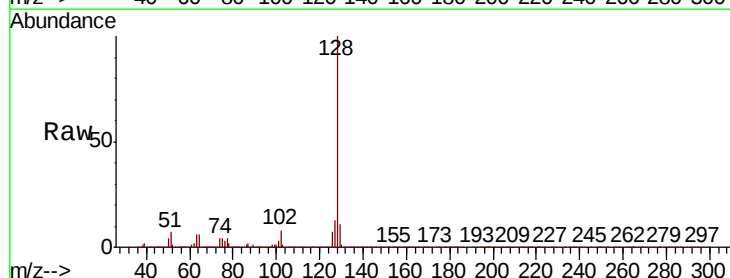
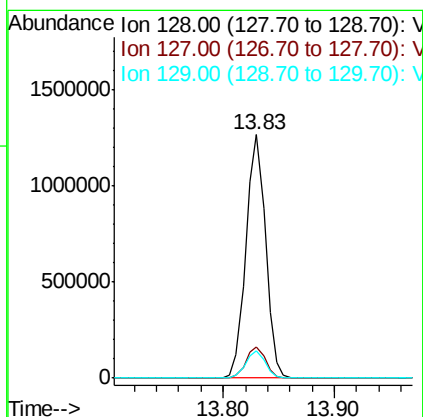
RT: 13.83 min Scan# 2123

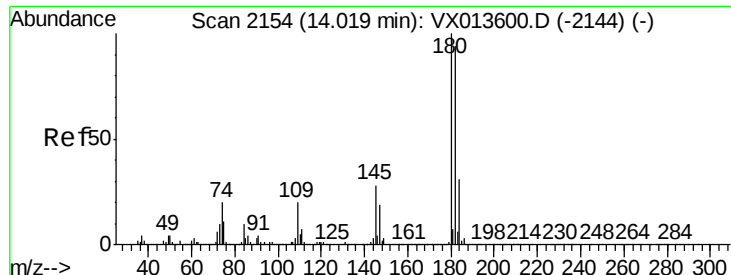
Delta R.T. 0.00 min

Lab File: VX013637.D

Acq: 27 Nov 2019 06:58

Tgt Ion:	128	Resp:	1549332
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.1	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 47.441 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: VX013637.D
 Acq: 27 Nov 2019 06:58

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20191121MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	499174		
182	96.5	47.6	142.8	
145	30.0	15.0	45.0	

Manual Integrations
 APPROVED

apatel
 11/27/2019 4:29:07 PM

