

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112719\
 Data File : VX013667.D
 Acq On : 27 Nov 2019 21:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 28 04:18:18 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	643963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1017501	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	916088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	453108	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	368353	49.28	ug/l	0.00
Spiked Amount			Recovery	=	98.56%	
35) Dibromofluoromethane	5.49	113	304928	48.48	ug/l	0.00
Spiked Amount			Recovery	=	96.96%	
50) Toluene-d8	8.71	98	1185389	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	
62) 4-Bromofluorobenzene	11.13	95	426687	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	376115	52.474	ug/l	99
3) Chloromethane	1.32	50	411192	51.127	ug/l	99
4) Vinyl Chloride	1.40	62	478848	52.899	ug/l	99
5) Bromomethane	1.63	94	280665	46.168	ug/l	100
6) Chloroethane	1.71	64	262264	50.914	ug/l	99
7) Trichlorofluoromethane	1.92	101	510604	50.798	ug/l	99
8) Diethyl Ether	2.18	74	236049	51.908	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	308306	50.216	ug/l	98
10) Methyl Iodide	2.50	142	352766	47.498	ug/l	100
11) Tert butyl alcohol	3.03	59	412285	223.453	ug/l	99
12) 1,1-Dichloroethene	2.36	96	313940	51.227	ug/l	99
13) Acrolein	2.28	56	266881	217.096	ug/l	99
14) Allyl chloride	2.72	41	559177	50.279	ug/l	99
15) Acrylonitrile	3.13	53	978816	257.006	ug/l	99
16) Acetone	2.43	43	849846	230.281	ug/l	99
17) Carbon Disulfide	2.56	76	830873	47.559	ug/l	99
18) Methyl Acetate	2.77	43	550200	53.539	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	1049516	51.695	ug/l	98
20) Methylene Chloride	2.85	84	356017	50.214	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	336010	50.329	ug/l	99
22) Diisopropyl ether	3.84	45	1115881	52.108	ug/l	97
23) Vinyl Acetate	3.80	43	4643725	260.665	ug/l	100
24) 1,1-Dichloroethane	3.69	63	608925	52.015	ug/l	99
25) 2-Butanone	4.66	43	1369082	249.616	ug/l	99
26) 2,2-Dichloropropane	4.57	77	440920	45.522	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	383016	49.957	ug/l	98
28) Bromochloromethane	5.00	49	255864	55.308	ug/l	98
29) Tetrahydrofuran	5.12	42	878841	259.921	ug/l	99
30) Chloroform	5.20	83	591829	49.849	ug/l	97
31) Cyclohexane	5.57	56	547835	49.614	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	499198	50.315	ug/l	100
36) 1,1-Dichloropropene	5.79	75	456877	49.465	ug/l	100
37) Ethyl Acetate	4.82	43	528998	51.053	ug/l	100
38) Carbon Tetrachloride	5.78	117	428161	50.273	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	543888	47.638	ug/l	100
40) Benzene	6.14	78	1392602	49.504	ug/l	100
41) Methacrylonitrile	5.03	41	293684	51.681	ug/l	98
42) 1,2-Dichloroethane	6.19	62	479405	49.970	ug/l	99
43) Isopropyl Acetate	6.44	43	857524	50.269	ug/l	99
44) Trichloroethene	7.20	130	370646	48.008	ug/l	98
45) 1,2-Dichloropropane	7.51	63	357610	50.809	ug/l	96
46) Dibromomethane	7.65	93	233881	48.927	ug/l	100
47) Bromodichloromethane	7.89	83	463295	51.267	ug/l	99
48) Methyl methacrylate	7.76	41	426103	51.409	ug/l	98
49) 1,4-Dioxane	7.73	88	167480	902.723	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2718357	253.333	ug/l	100
52) Toluene	8.78	92	868457	49.694	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	506810	49.271	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	564786	50.258	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	355248	50.443	ug/l	99
56) Ethyl methacrylate	9.17	69	582338	51.432	ug/l	98
57) 1,3-Dichloropropane	9.37	76	603226	49.693	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1106995	249.363	ug/l	100
59) 2-Hexanone	9.49	43	2058129	245.926	ug/l	99
60) Dibromochloromethane	9.58	129	375889	51.431	ug/l	100
61) 1,2-Dibromoethane	9.67	107	372643	49.542	ug/l	100
64) Tetrachloroethene	9.33	164	340346	49.819	ug/l	99
65) Chlorobenzene	10.14	112	936641	49.245	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	348214	50.984	ug/l	100
67) Ethyl Benzene	10.25	91	1649013	50.454	ug/l	99
68) m/p-Xylenes	10.36	106	1259284	100.638	ug/l	100
69) o-Xylene	10.70	106	614833	50.380	ug/l	99
70) Styrene	10.71	104	1057888	51.531	ug/l	99
71) Bromoform	10.86	173	292166	51.700	ug/l #	99
73) Isopropylbenzene	11.01	105	1607095	50.563	ug/l	99
74) N-amyl acetate	10.89	43	760228	52.214	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	565407	51.296	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	623432	61.174	ug/l	88
77) Bromobenzene	11.25	156	424915	49.486	ug/l	99
78) n-propylbenzene	11.35	91	1822472	51.365	ug/l	100
79) 2-Chlorotoluene	11.42	91	1077000	50.602	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1349444	51.803	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	183262	49.197	ug/l	99
82) 4-Chlorotoluene	11.51	91	1240290	50.314	ug/l	99
83) tert-Butylbenzene	11.76	119	1356457	51.237	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1354642	51.239	ug/l	99
85) sec-Butylbenzene	11.94	105	1550251	51.266	ug/l	100
86) p-Isopropyltoluene	12.06	119	1418816	50.435	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	742075	49.579	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	735326	48.232	ug/l	98
89) n-Butylbenzene	12.39	91	1226573	51.121	ug/l	99
90) Hexachloroethane	12.59	117	253488	49.852	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	739093	49.977	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	122050	50.848	ug/l	98

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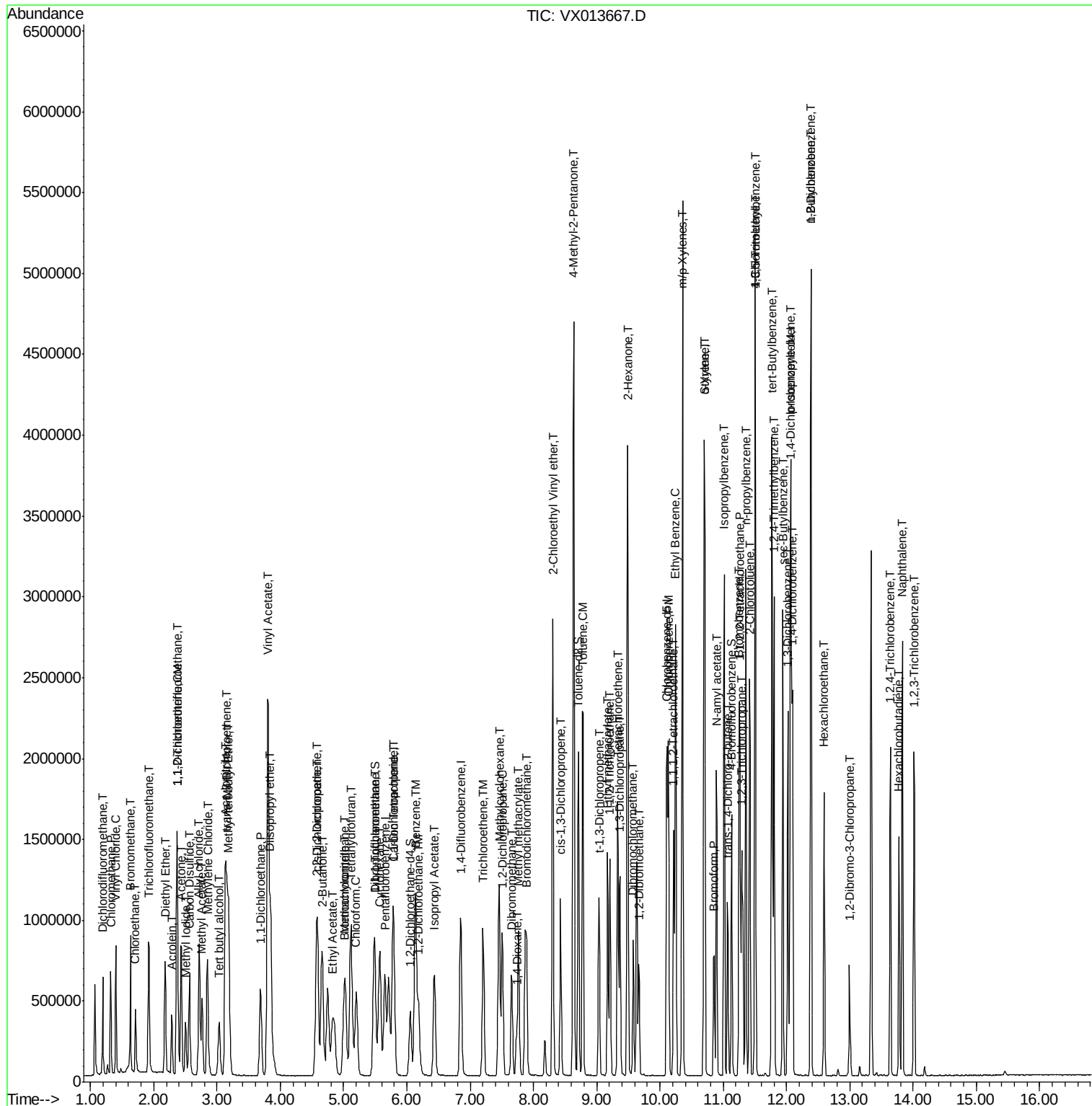
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

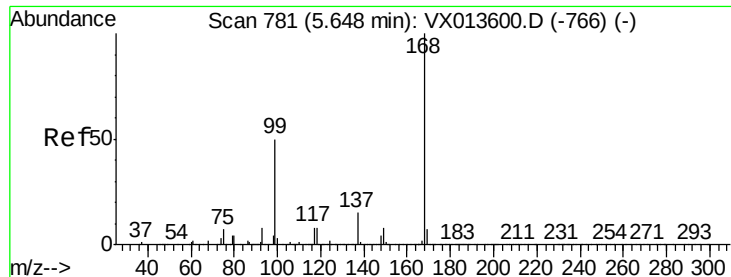
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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	499898	48.503	ug/l	98
94) Hexachlorobutadiene	13.78	225	234805	47.425	ug/l	99
95) Naphthalene	13.83	128	1607018	52.357	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	516881	50.651	ug/l	100

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

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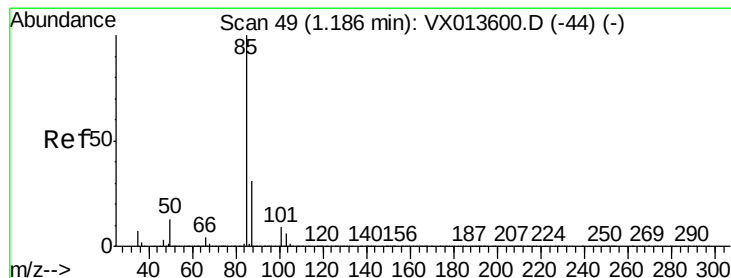
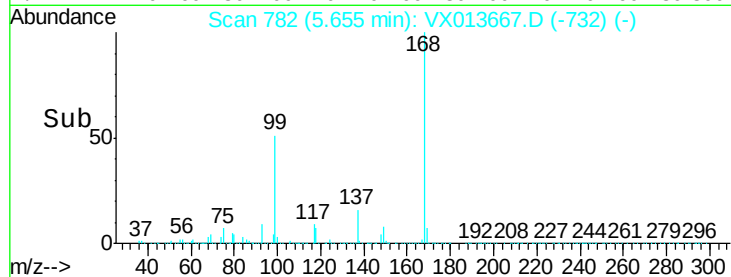
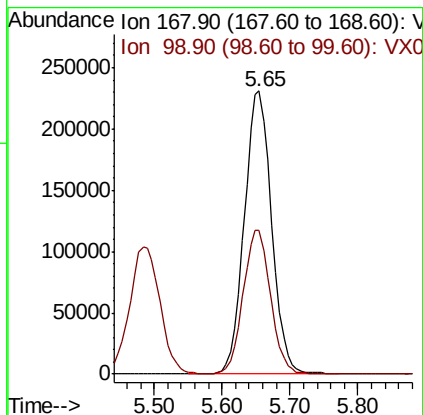
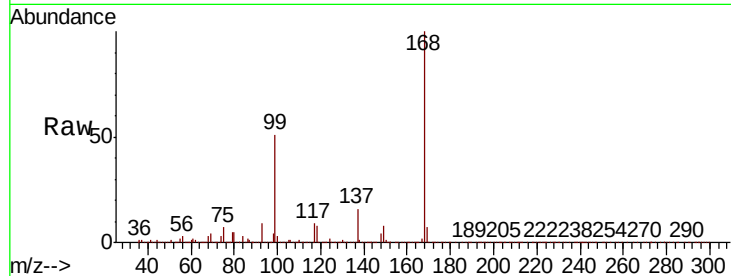


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013667.D
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Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

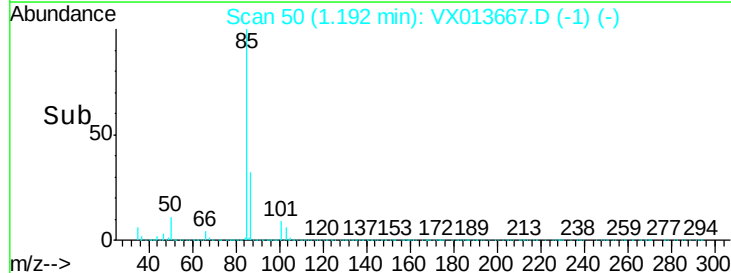
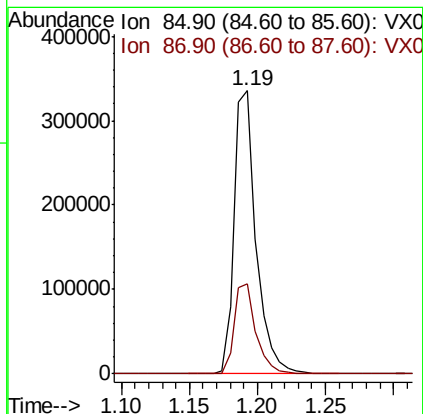
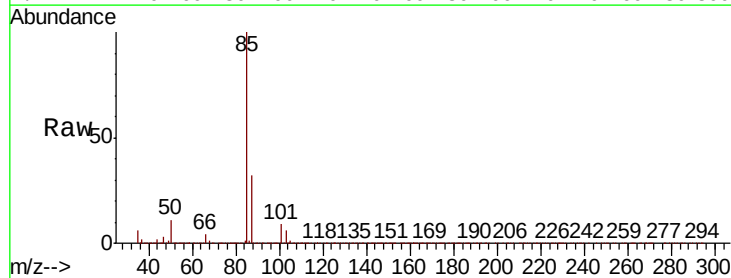
Tot Ion:168 Resp: 643963
 Ion Ratio Lower Upper
 168 100
 99 50.7 39.8 59.8

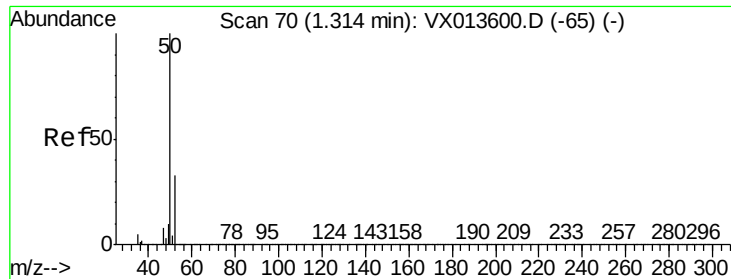


#2

Dichlorodifluoromethane
 Concen: 52.474 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

Tgt Ion: 85 Resp: 376115
 Ion Ratio Lower Upper
 85 100
 87 31.8 15.7 47.1





#3

Chloromethane

Concen: 51.127 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

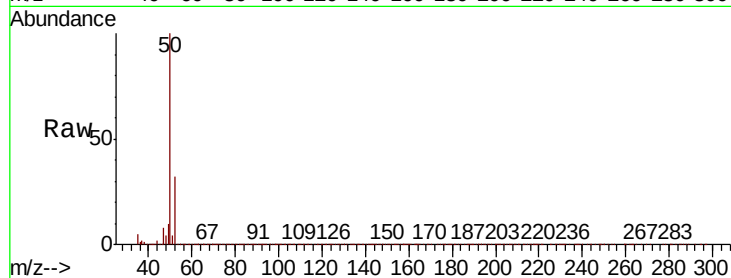
VSTDCCC050

Tot Ion: 50 Resp: 411192

Ion Ratio Lower Upper

50 100

52 32.1 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

400000

300000

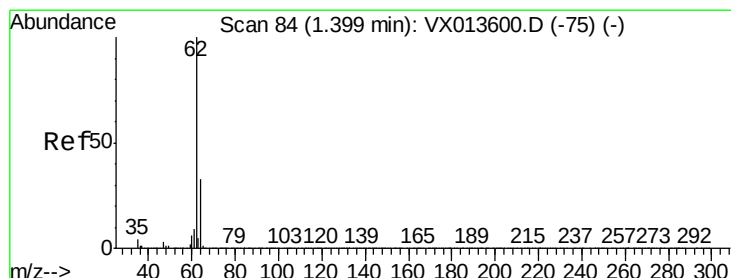
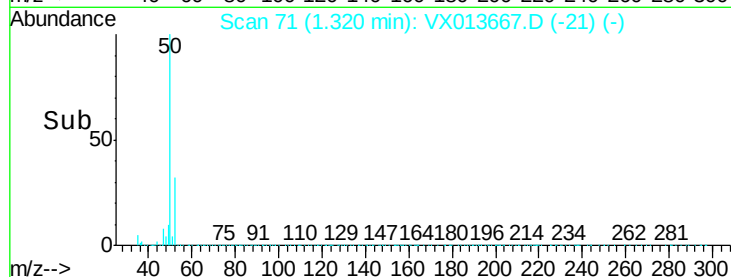
200000

100000

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Time-->

1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 52.899 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013667.D

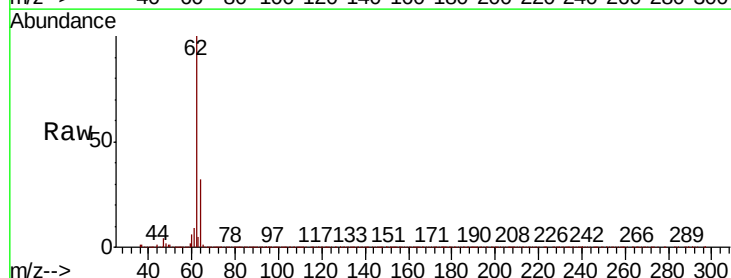
Acq: 27 Nov 2019 21:41

Tgt Ion: 62 Resp: 478848

Ion Ratio Lower Upper

62 100

64 32.2 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

500000

400000

300000

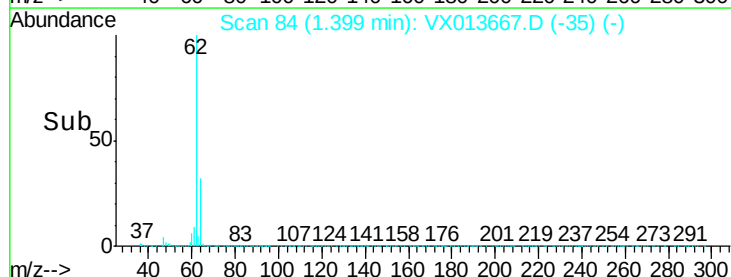
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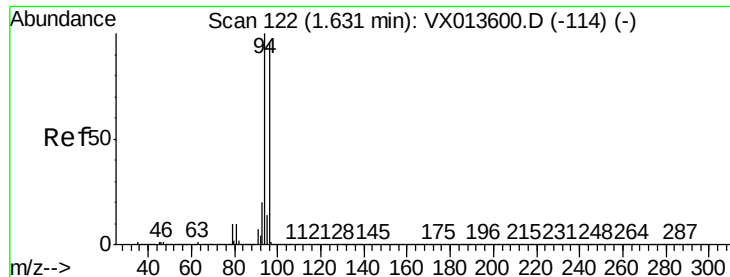
100000

0

Time-->

1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 46.168 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

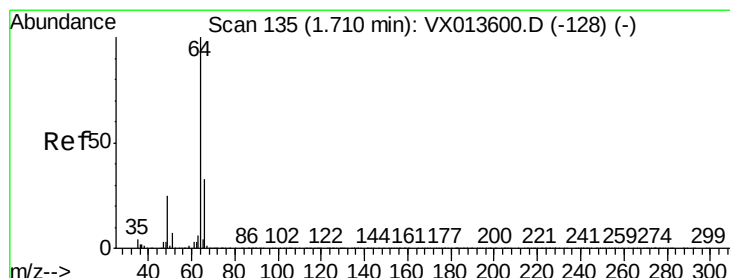
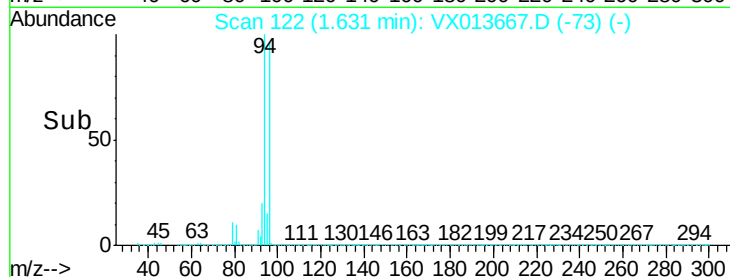
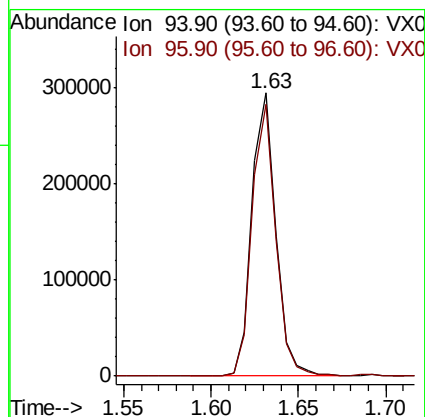
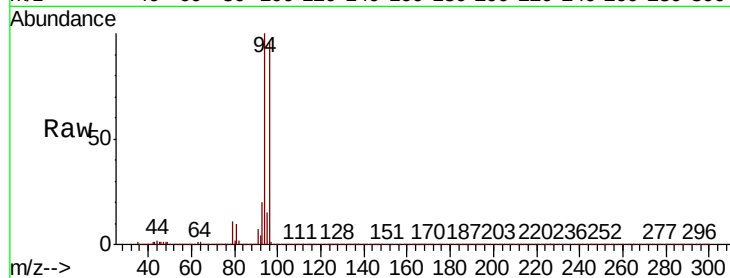
VSTDCCC050

Tot Ion: 94 Resp: 280665

Ion Ratio Lower Upper

94 100

96 96.1 77.0 115.4



#6

Chloroethane

Concen: 50.914 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013667.D

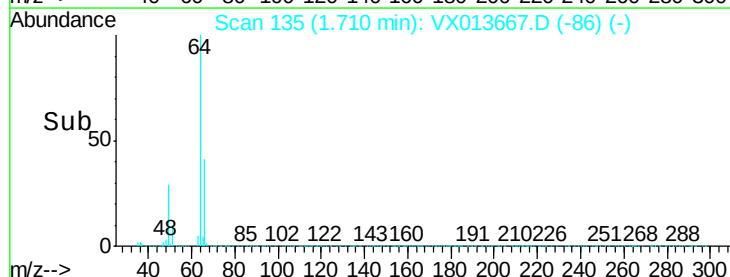
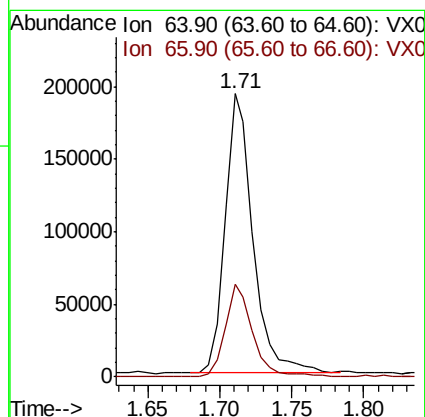
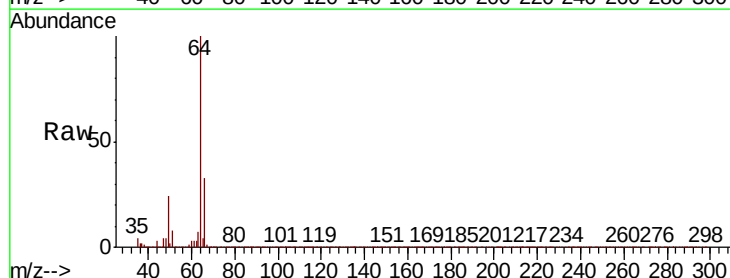
Acq: 27 Nov 2019 21:41

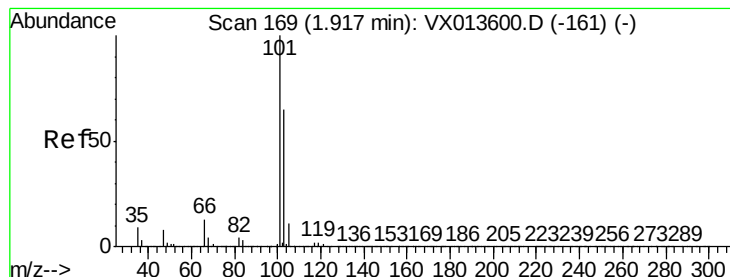
Tgt Ion: 64 Resp: 262264

Ion Ratio Lower Upper

64 100

66 32.8 26.7 40.1



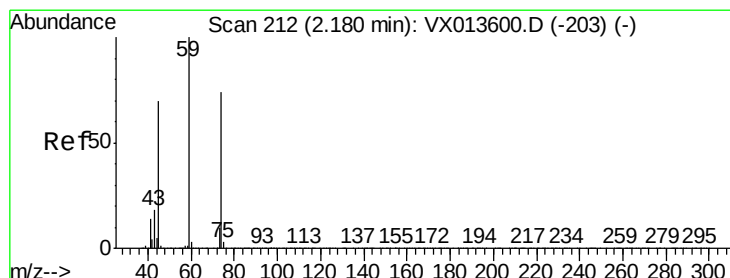
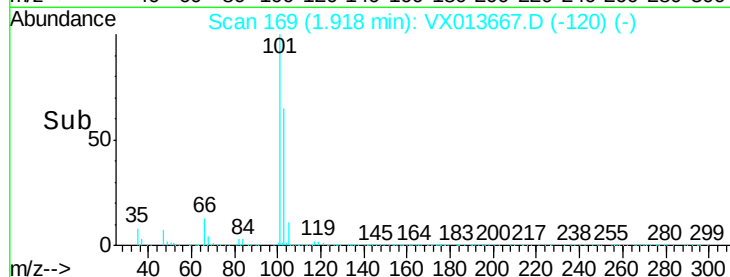
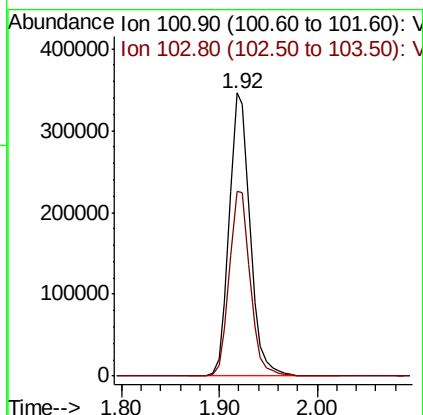
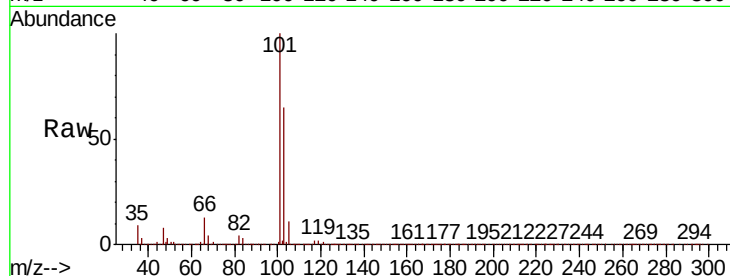


#7

Trichlorofluoromethane
Concen: 50.798 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

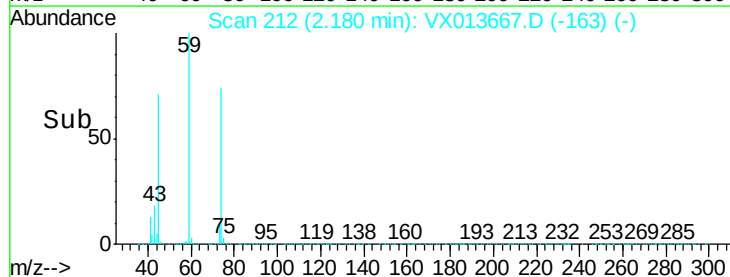
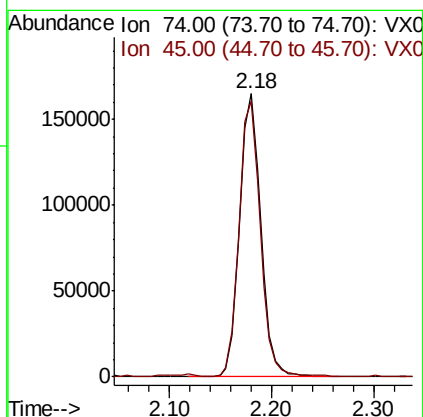
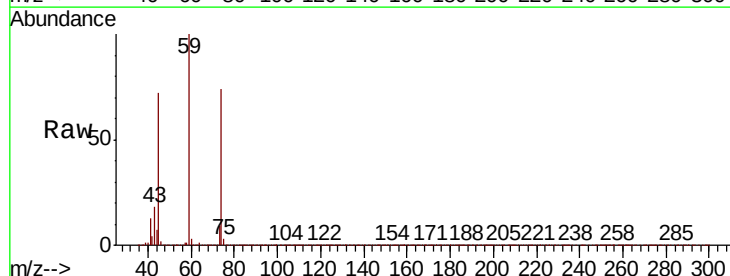
Tot Ion:101 Resp: 510604
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.6

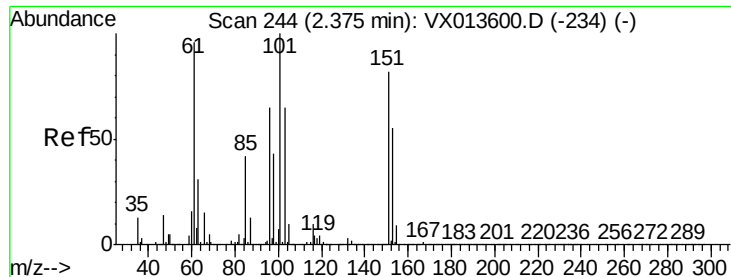


#8

Diethyl Ether
Concen: 51.908 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion: 74 Resp: 236049
Ion Ratio Lower Upper
74 100
45 96.9 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.216 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

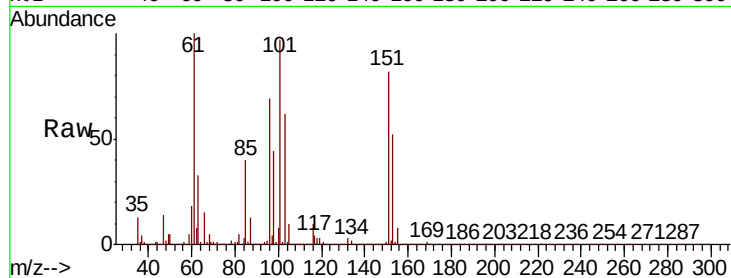
Tot Ion:101 Resp: 308306

Ion Ratio Lower Upper

101 100

85 41.9 33.9 50.9

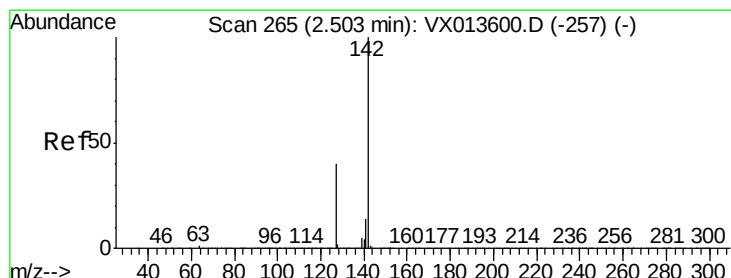
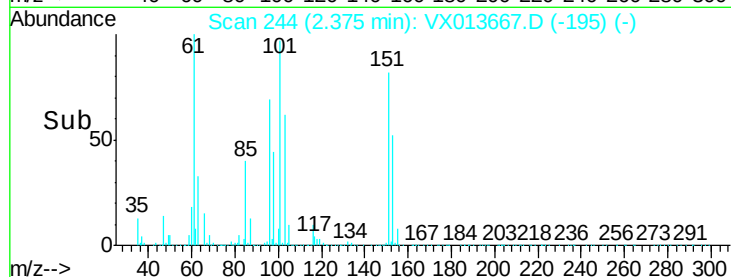
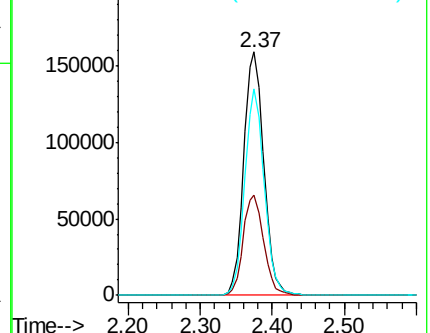
151 82.0 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.498 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

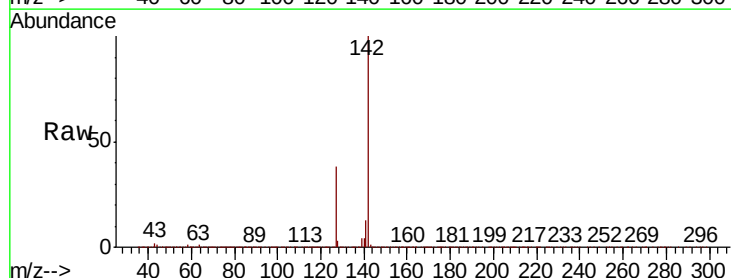
Tgt Ion:142 Resp: 352766

Ion Ratio Lower Upper

142 100

127 38.9 31.0 46.4

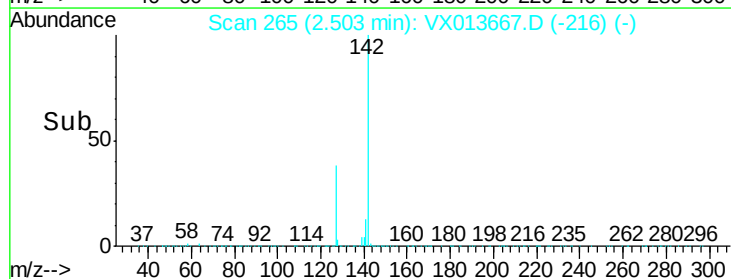
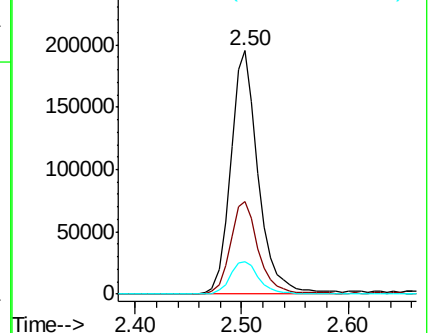
141 14.2 11.6 17.4

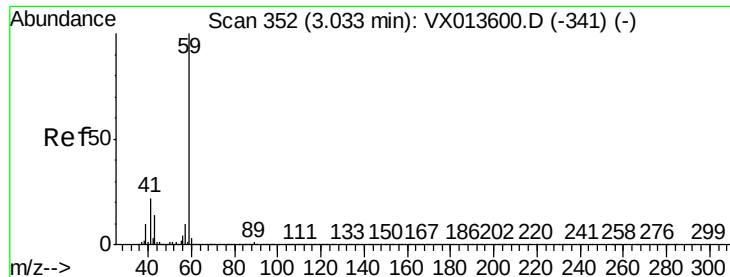


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



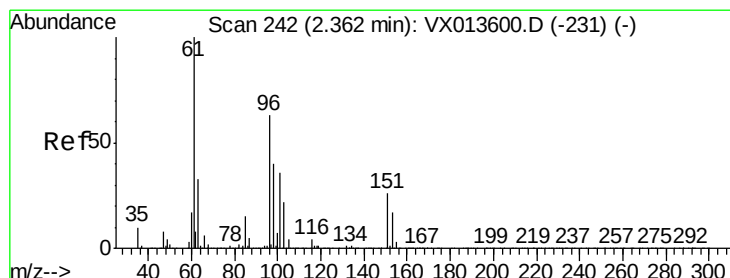
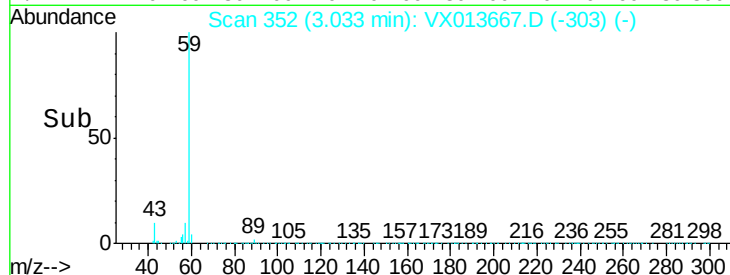
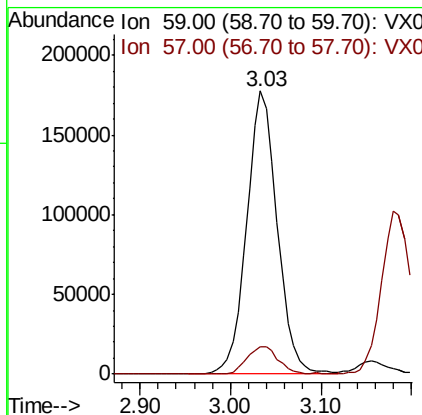
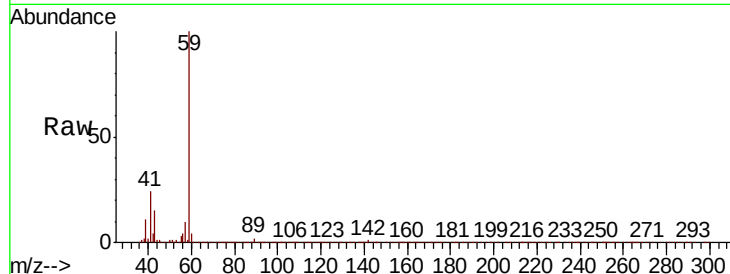


#11

Tert butyl alcohol
Concen: 223.453 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

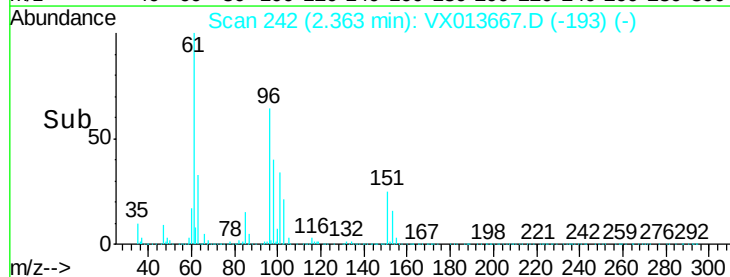
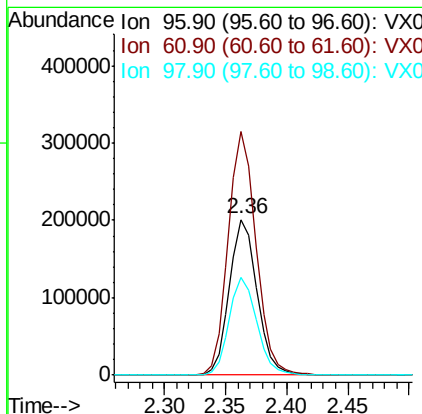
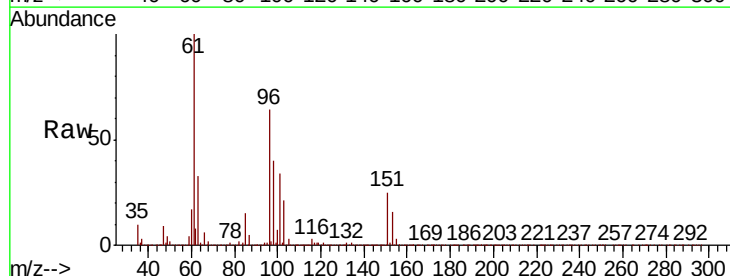
Tot Ion: 59 Resp: 412285
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.6

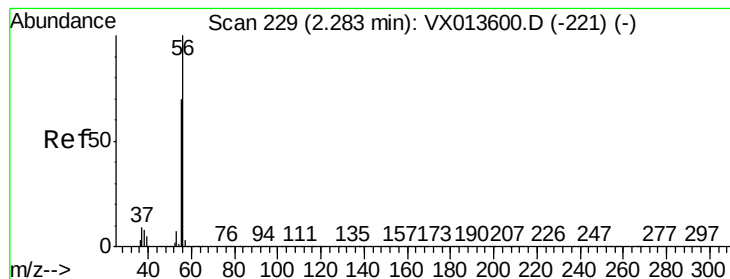


#12

1,1-Dichloroethene
Concen: 51.227 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion: 96 Resp: 313940
Ion Ratio Lower Upper
96 100
61 156.4 126.6 190.0
98 62.8 50.6 76.0





#13

Acrolein

Concen: 217.096 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

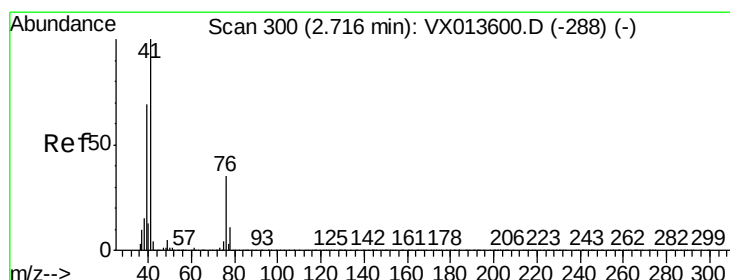
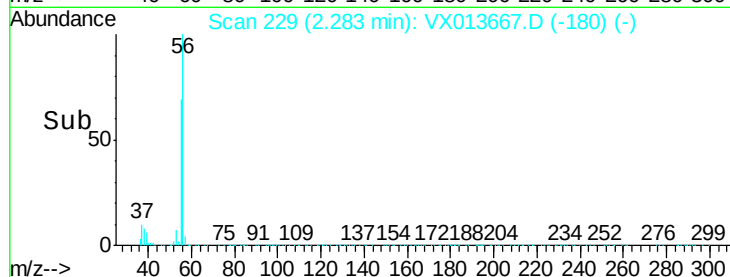
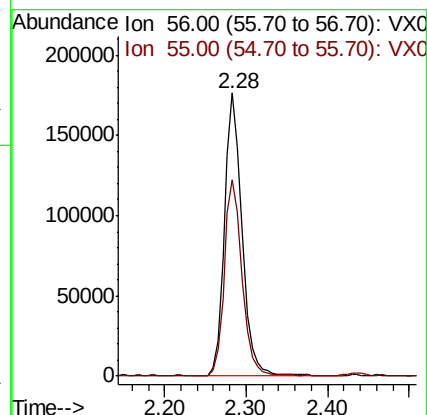
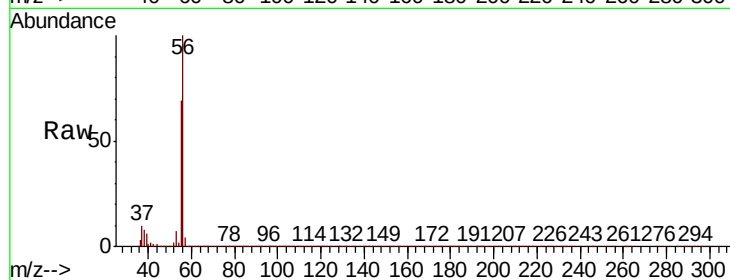
VSTDCCC050

Tot Ion: 56 Resp: 266881

Ion Ratio Lower Upper

56 100

55 69.1 56.2 84.4



#14

Allyl chloride

Concen: 50.279 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

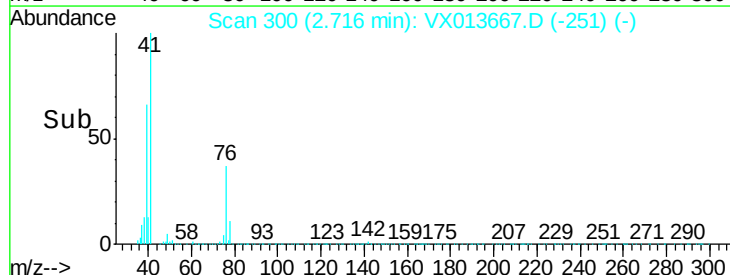
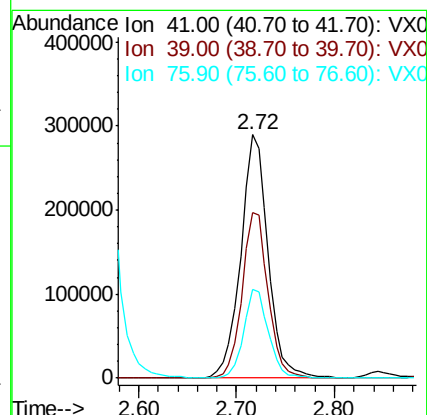
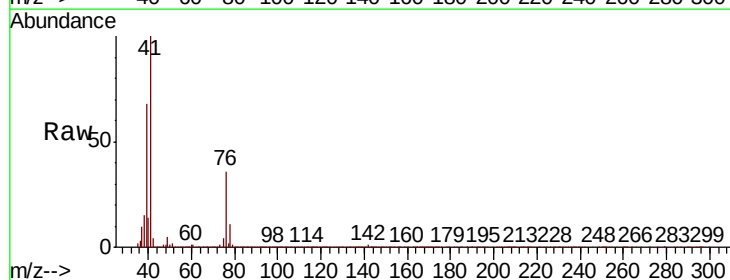
Tgt Ion: 41 Resp: 559177

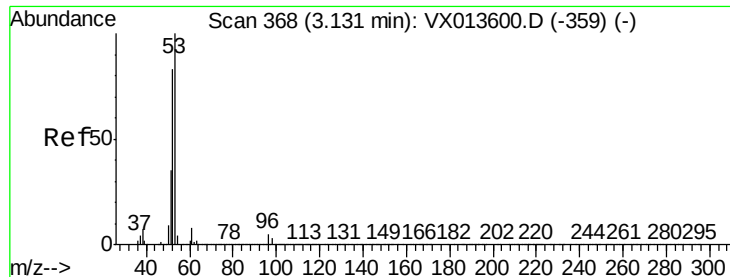
Ion Ratio Lower Upper

41 100

39 65.0 51.7 77.5

76 32.7 25.9 38.9





#15

Acrylonitrile

Concen: 257.006 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

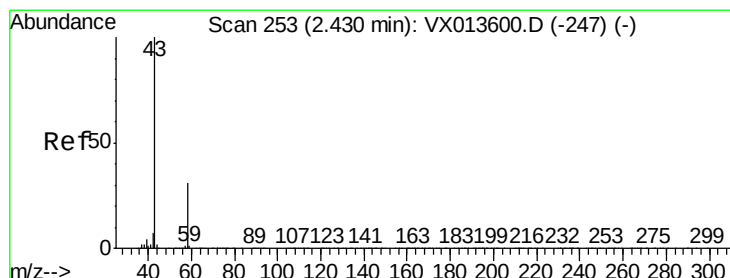
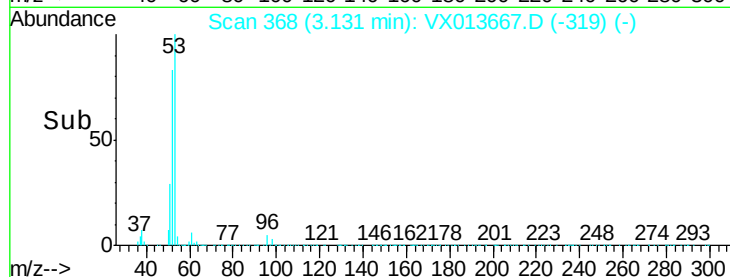
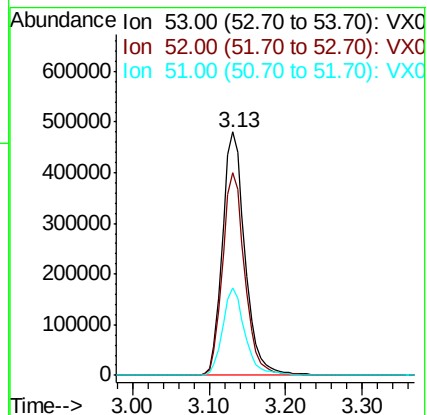
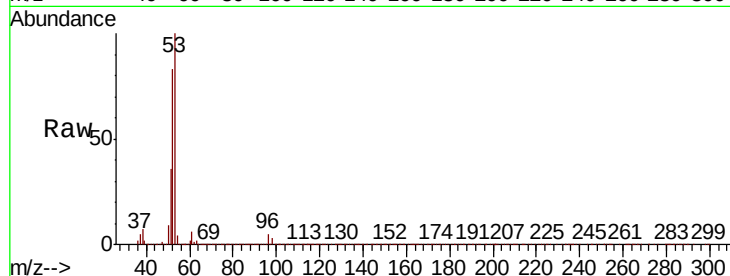
Tot Ion: 53 Resp: 978816

Ion Ratio Lower Upper

53 100

52 82.4 66.2 99.2

51 35.3 29.0 43.6



#16

Acetone

Concen: 230.281 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013667.D

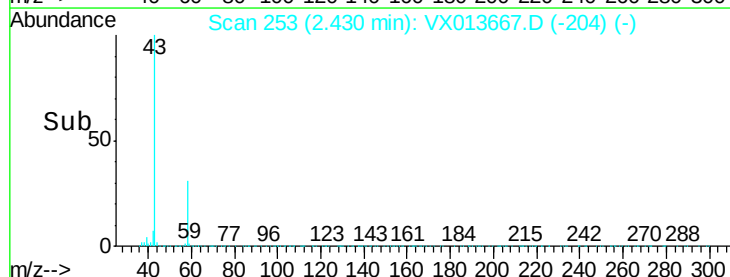
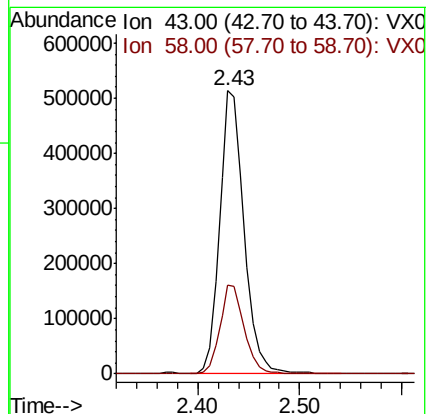
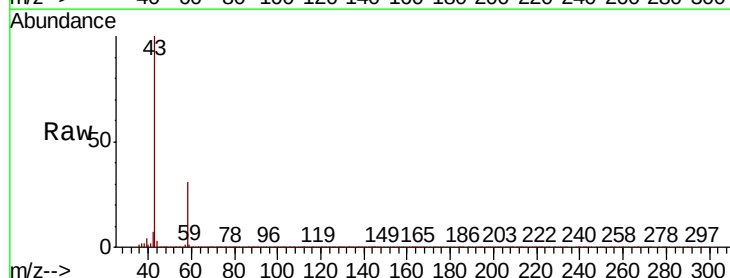
Acq: 27 Nov 2019 21:41

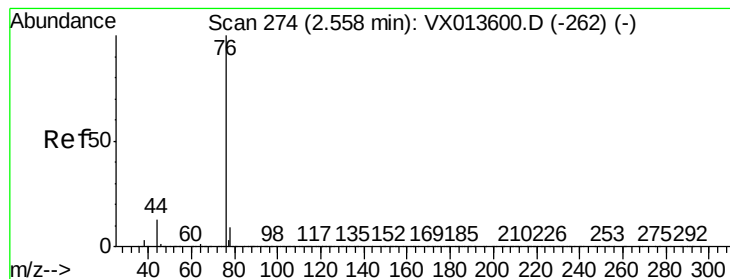
Tgt Ion: 43 Resp: 849846

Ion Ratio Lower Upper

43 100

58 31.1 24.6 36.8





#17

Carbon Disulfide

Concen: 47.559 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

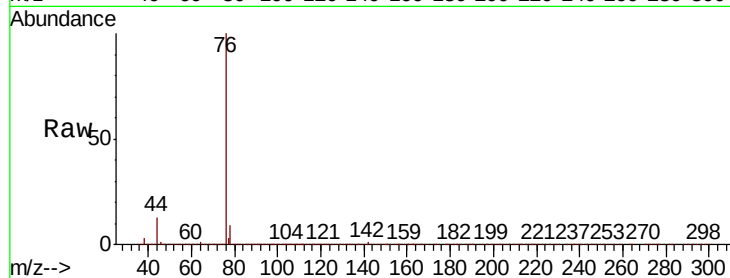
VSTDCCC050

Tot Ion: 76 Resp: 830873

Ion Ratio Lower Upper

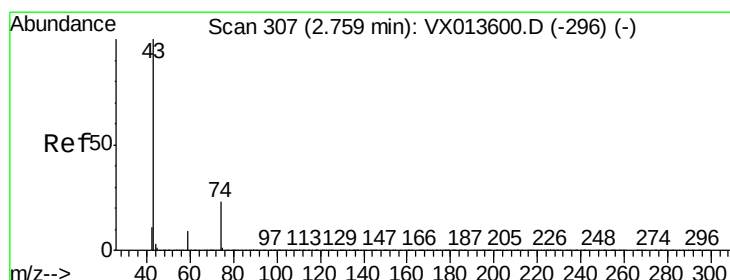
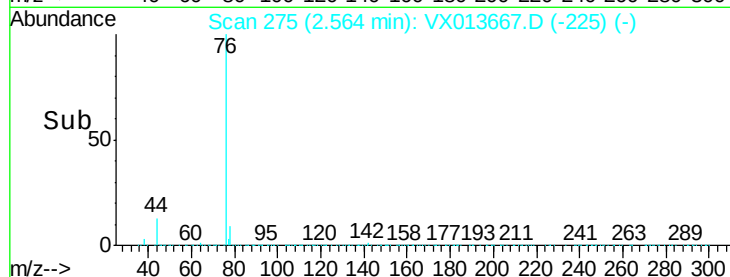
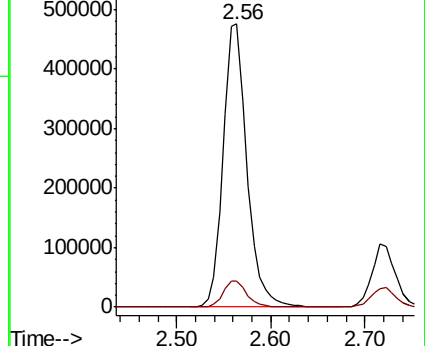
76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 53.539 ug/l

RT: 2.77 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013667.D

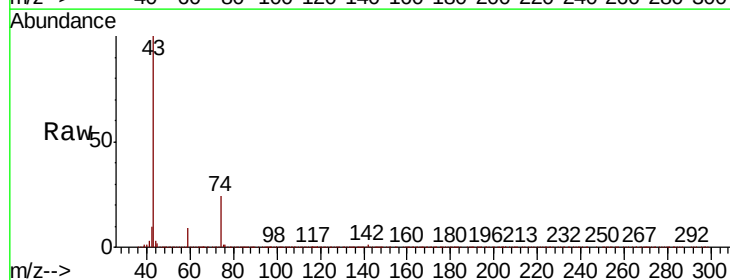
Acq: 27 Nov 2019 21:41

Tgt Ion: 43 Resp: 550200

Ion Ratio Lower Upper

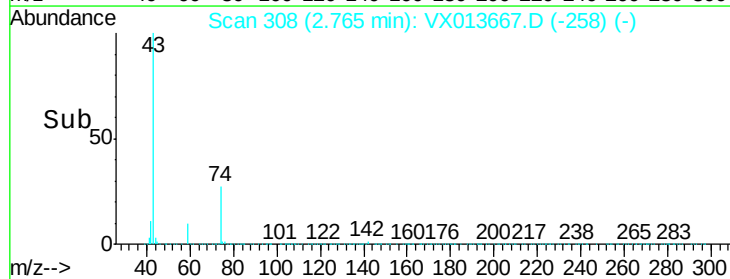
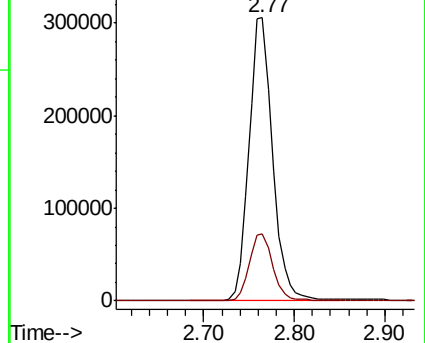
43 100

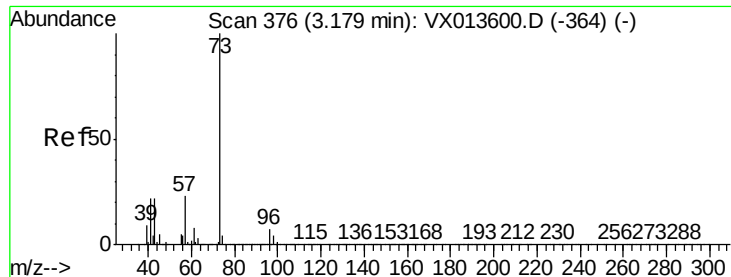
74 23.9 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



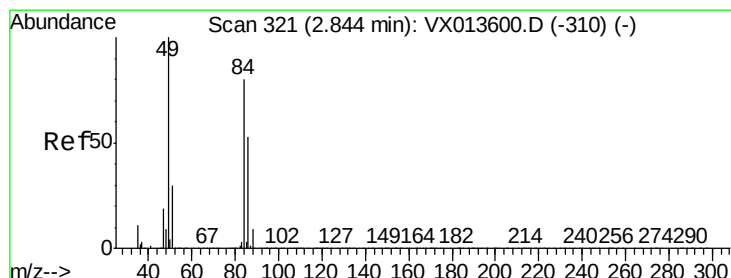
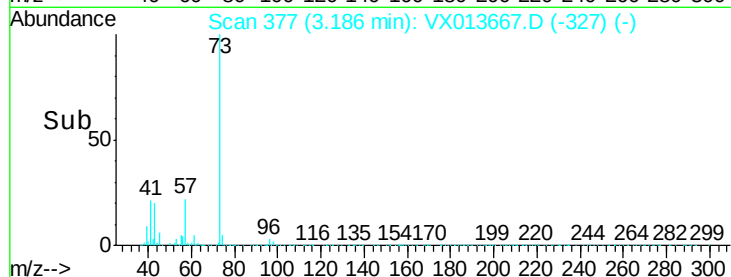
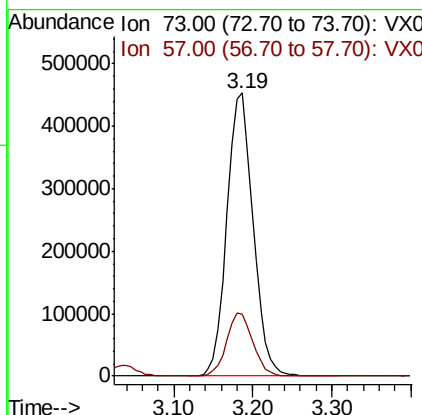
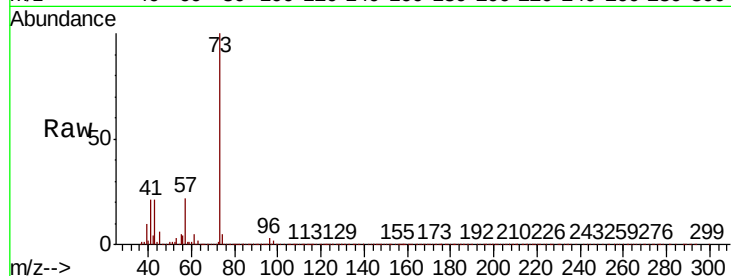


#19

Methyl tert-butyl Ether
 Concen: 51.695 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

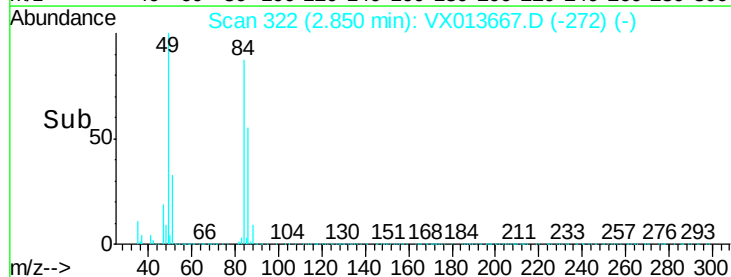
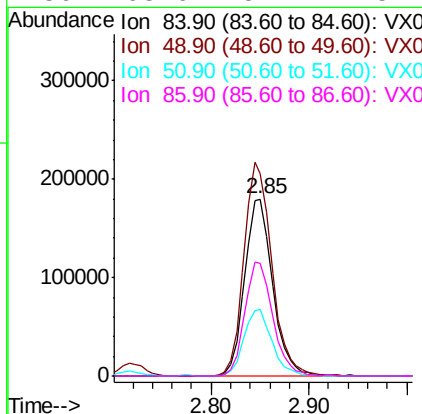
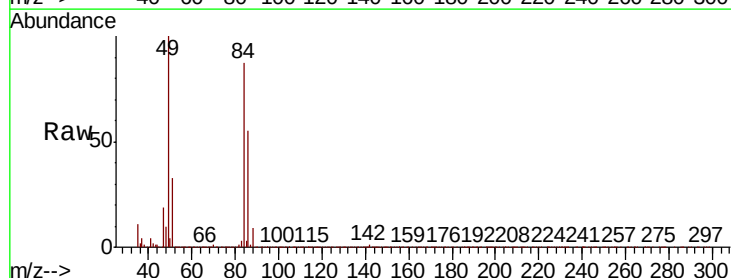
Tot Ion: 73 Resp: 1049516
 Ion Ratio Lower Upper
 73 100
 57 21.9 18.3 27.5

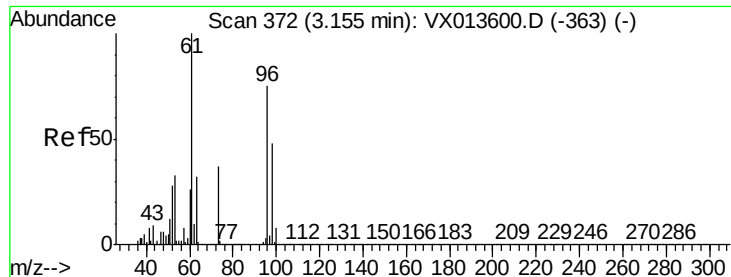


#20

Methylene Chloride
 Concen: 50.214 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

Tgt Ion: 84 Resp: 356017
 Ion Ratio Lower Upper
 84 100
 49 114.7 99.7 149.5
 51 37.6 29.9 44.9
 86 63.6 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 50.329 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

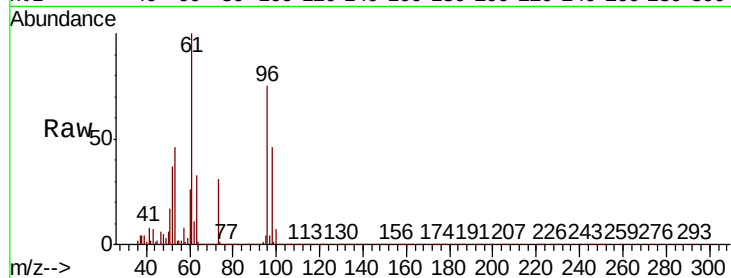
Tot Ion: 96 Resp: 336010

Ion Ratio Lower Upper

96 100

61 133.7 107.2 160.8

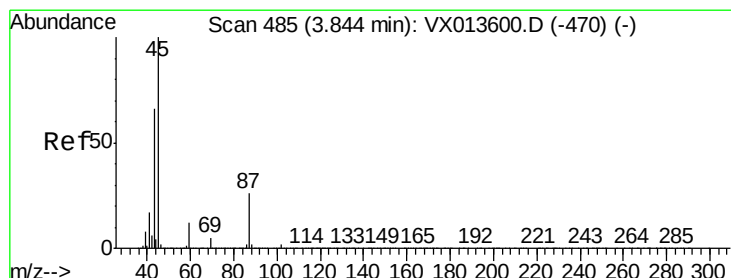
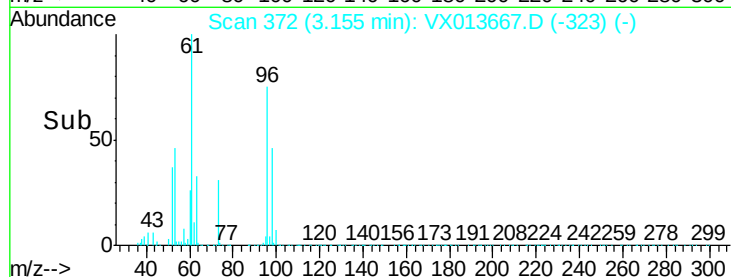
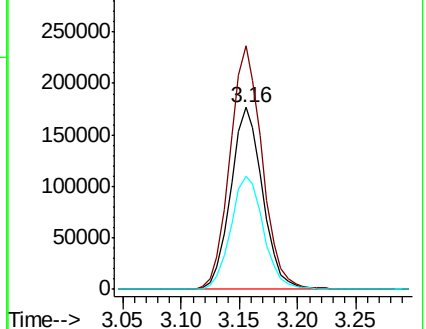
98 62.0 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.108 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Tgt Ion: 45 Resp: 1115881

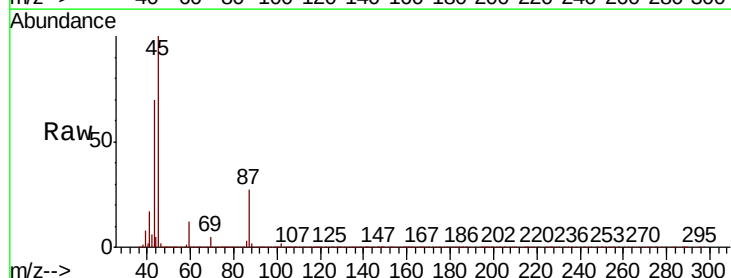
Ion Ratio Lower Upper

45 100

43 69.3 52.6 79.0

87 26.8 21.1 31.7

59 12.0 9.2 13.8

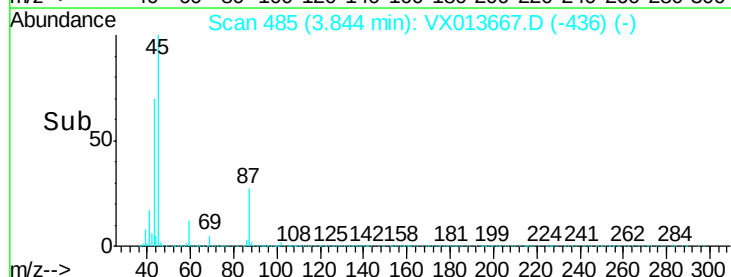
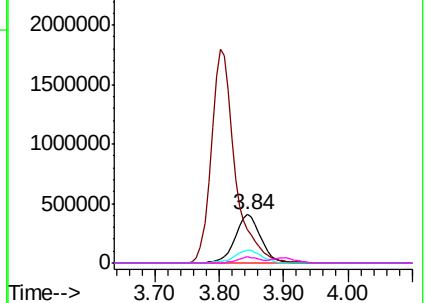


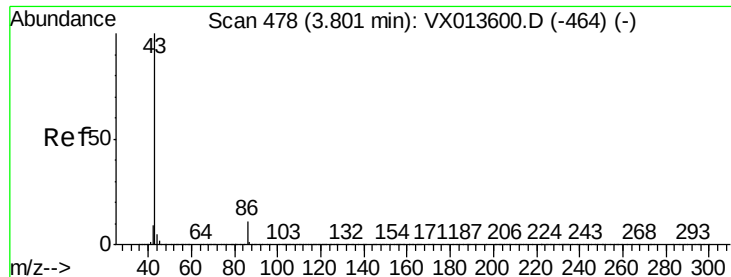
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 260.665 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

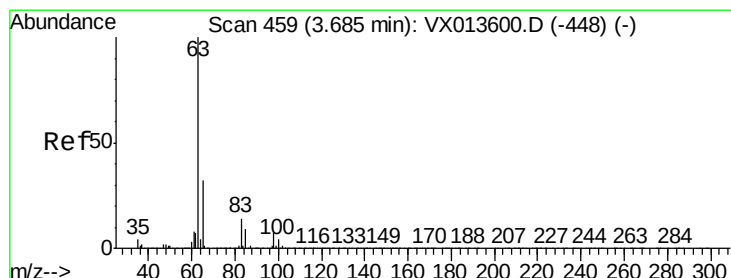
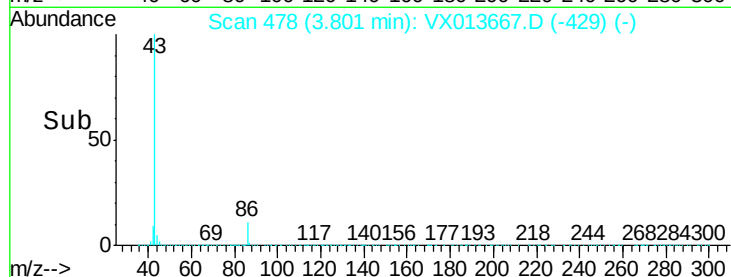
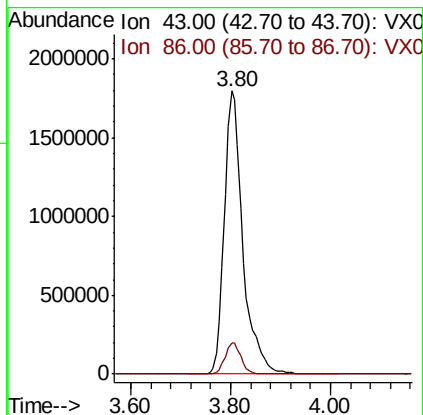
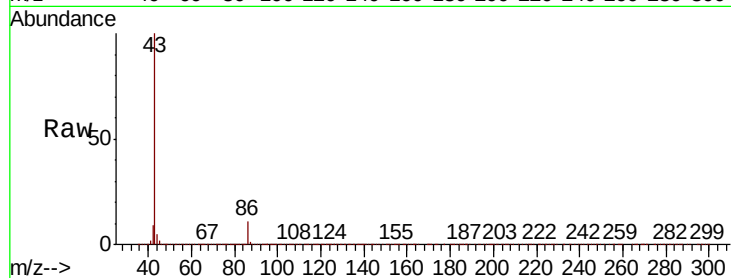
VSTDCCC050

Tot Ion: 43 Resp: 4643725

Ion Ratio Lower Upper

43 100

86 10.9 8.7 13.1



#24

1,1-Dichloroethane

Concen: 52.015 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

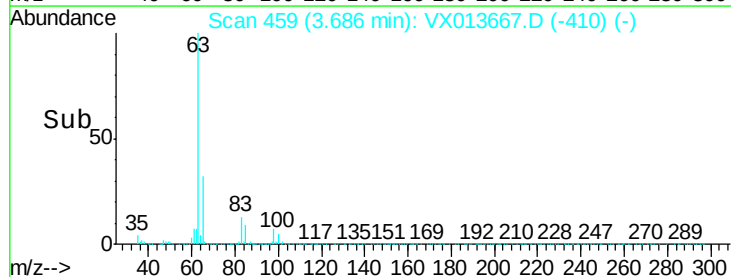
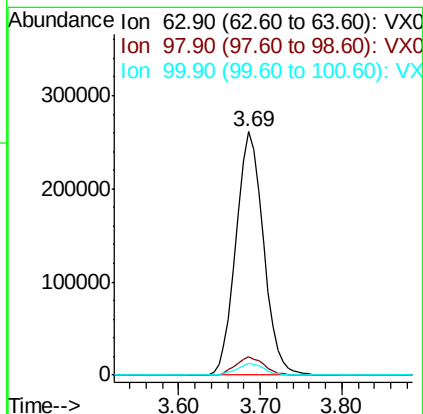
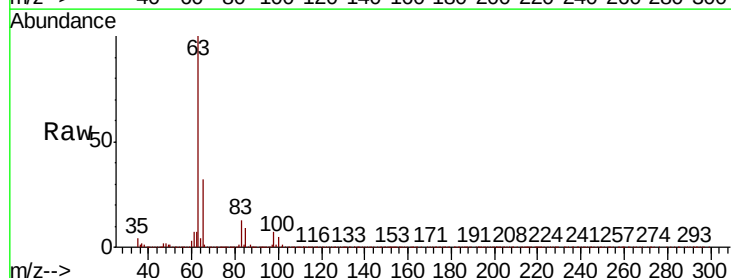
Tgt Ion: 63 Resp: 608925

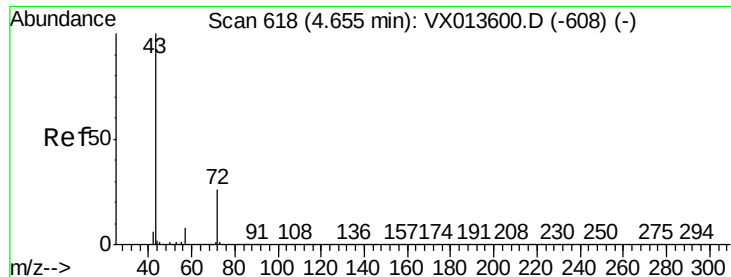
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 4.6 2.1 6.3





#25

2-Butanone

Concen: 249.616 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

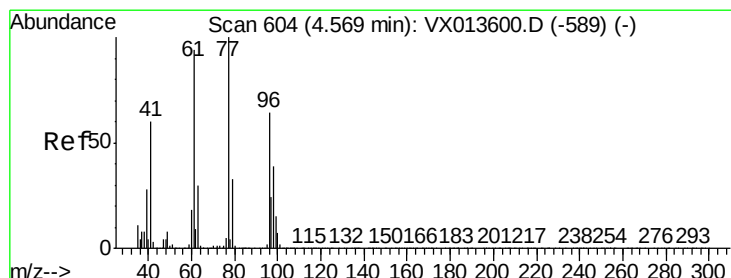
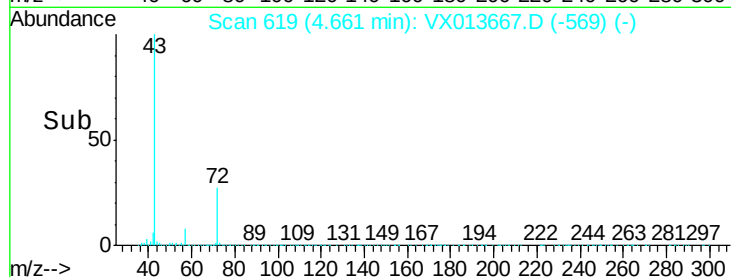
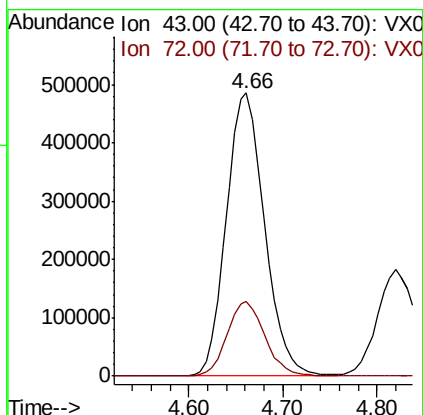
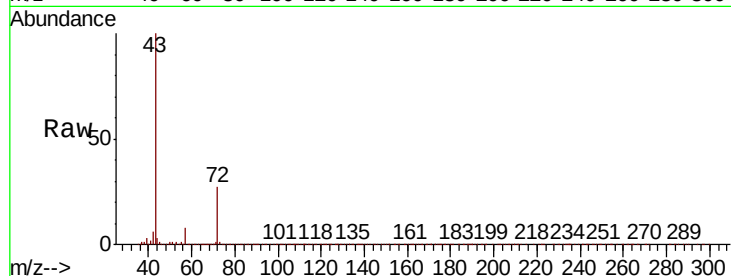
VSTDCCC050

Tot Ion: 43 Resp: 1369082

Ion Ratio Lower Upper

43 100

72 26.4 20.6 31.0



#26

2,2-Dichloropropane

Concen: 45.522 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013667.D

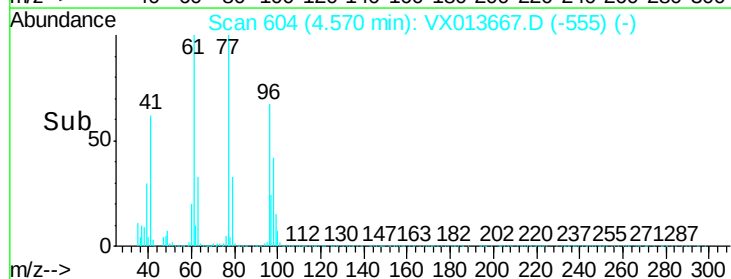
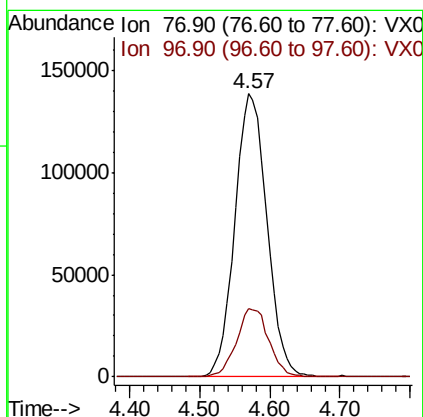
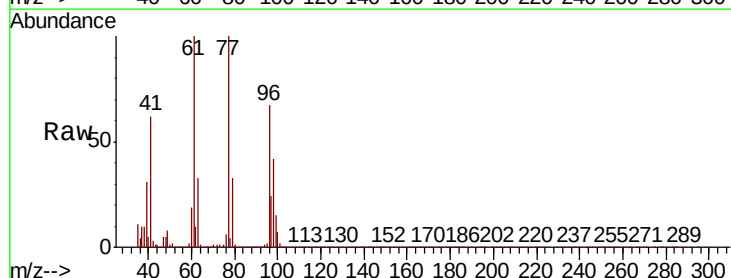
Acq: 27 Nov 2019 21:41

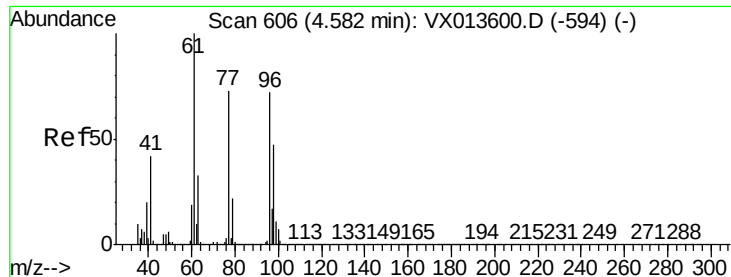
Tgt Ion: 77 Resp: 440920

Ion Ratio Lower Upper

77 100

97 24.3 12.0 36.1



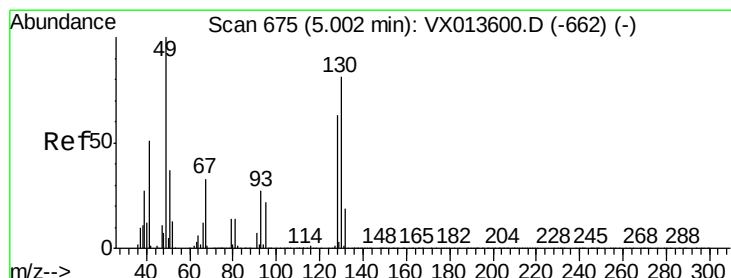
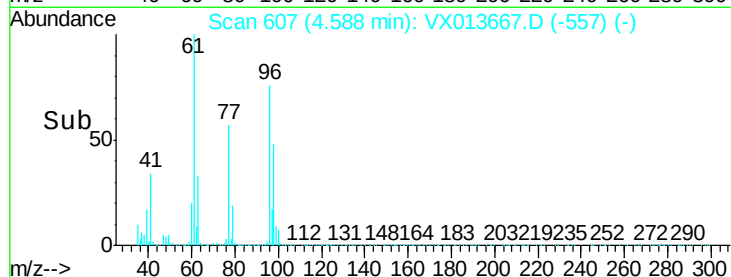
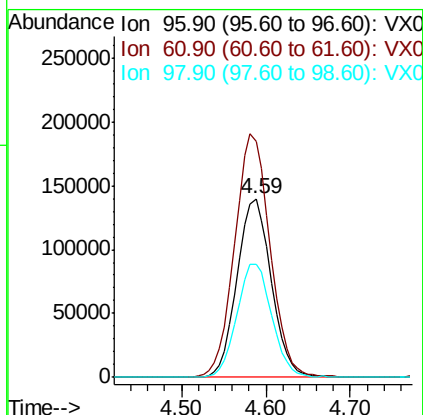
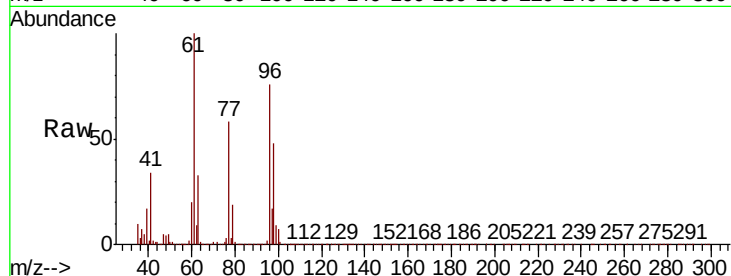


#27

cis-1,2-Dichloroethene
Concen: 49.957 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

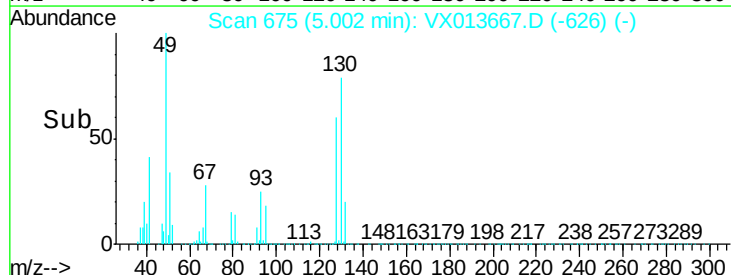
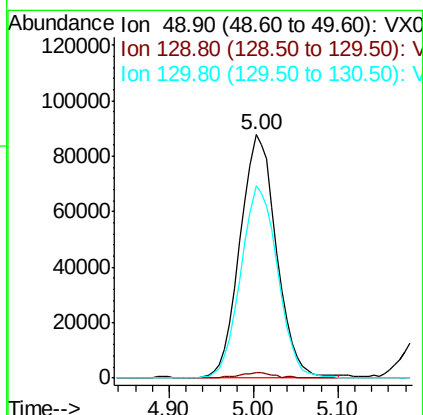
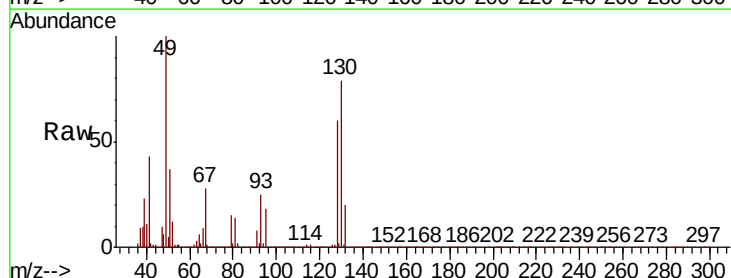
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.2	0.0	286.4
98	64.8	0.0	127.4

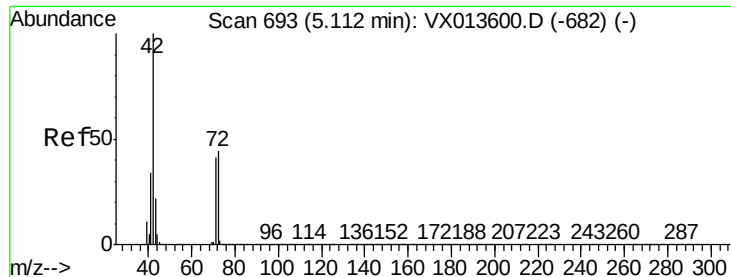


#28

Bromochloromethane
Concen: 55.308 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	80.2	65.4	98.0





#29

Tetrahydrofuran

Concen: 259.921 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

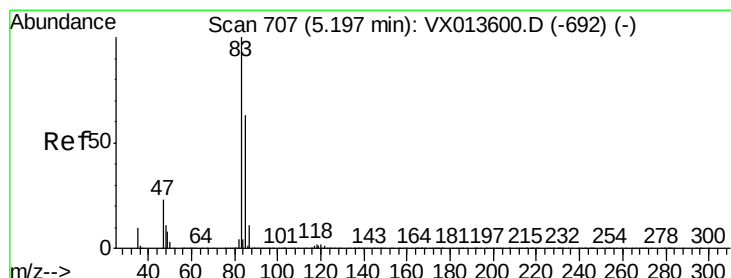
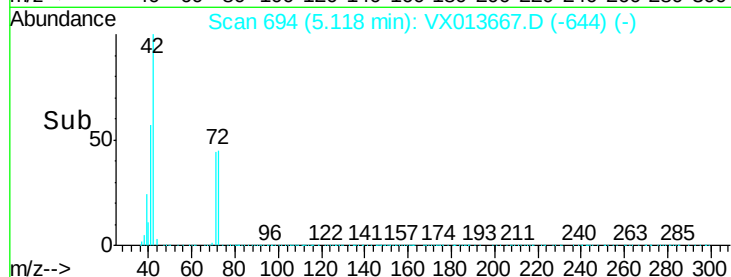
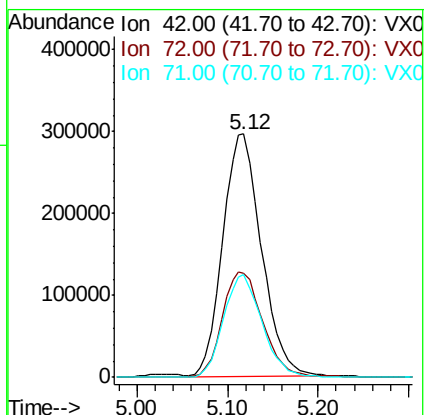
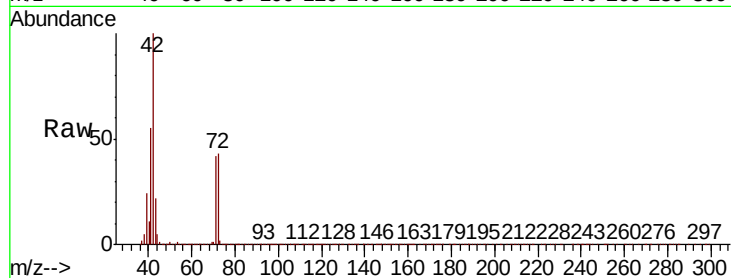
Tot Ion: 42 Resp: 878841

Ion Ratio Lower Upper

42 100

72 45.6 36.3 54.5

71 42.6 33.2 49.8



#30

Chloroform

Concen: 49.849 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013667.D

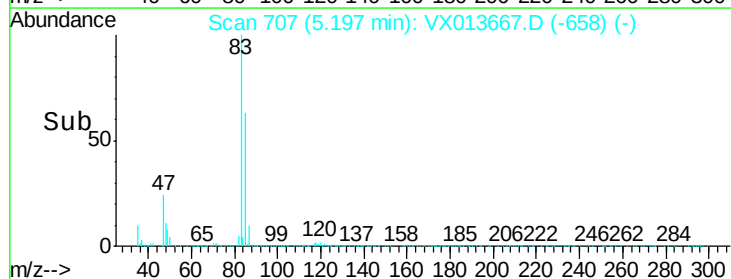
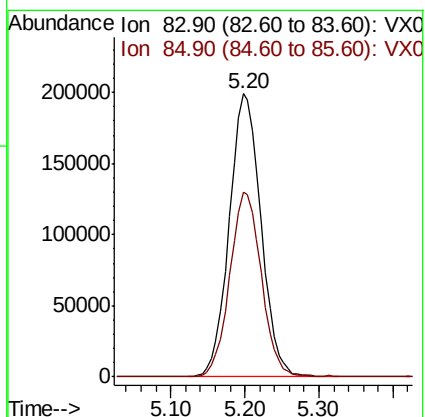
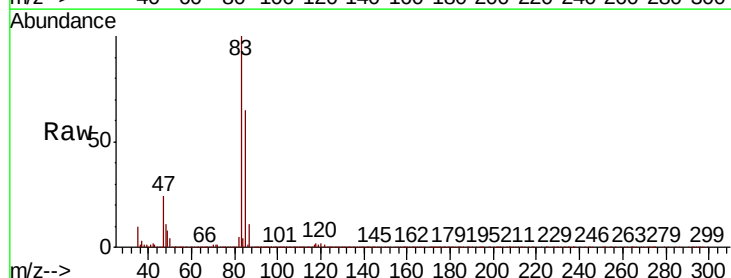
Acq: 27 Nov 2019 21:41

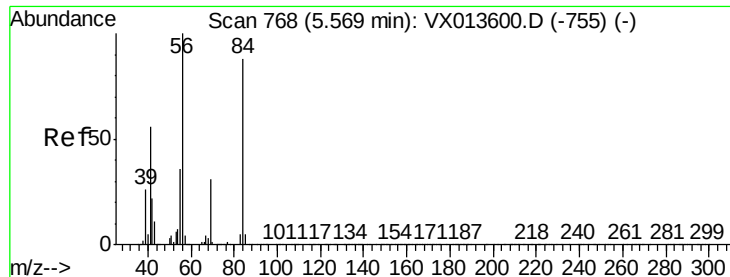
Tgt Ion: 83 Resp: 591829

Ion Ratio Lower Upper

83 100

85 65.3 50.2 75.4

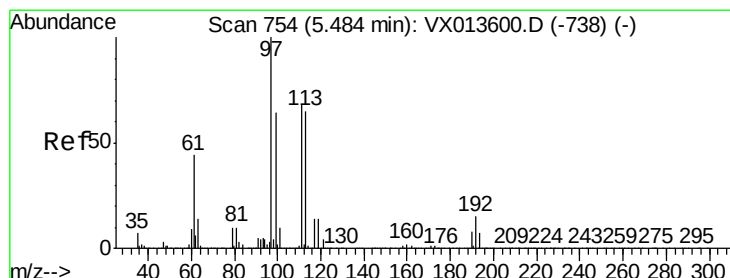
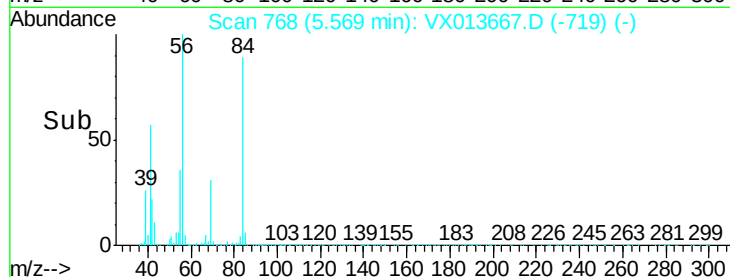
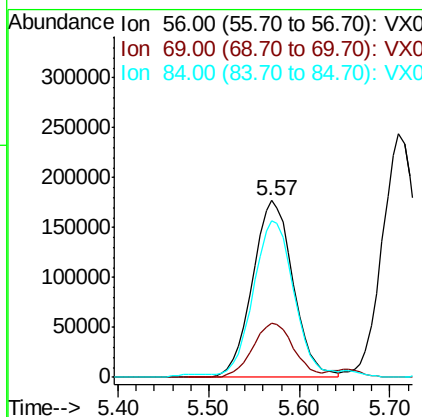
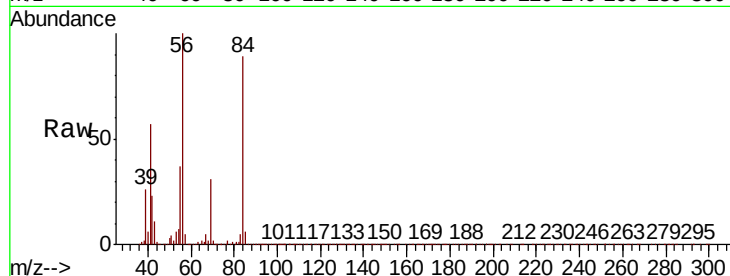




#31
Cyclohexane
Concen: 49.614 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

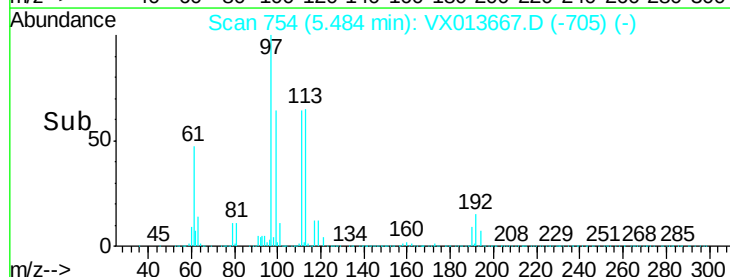
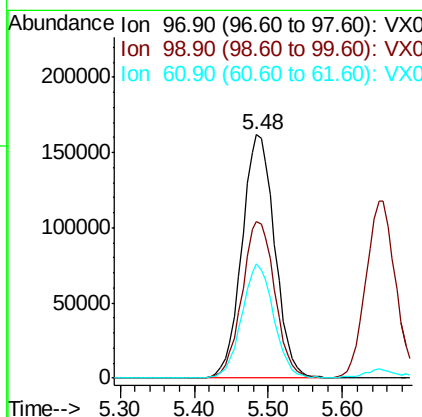
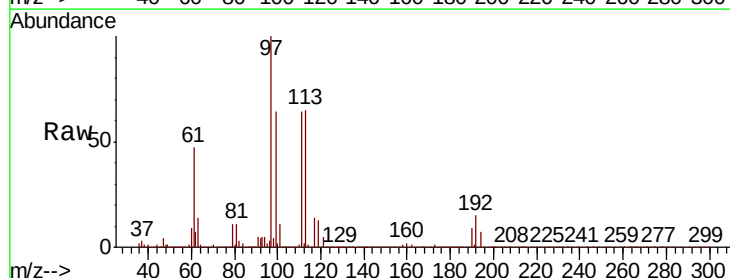
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

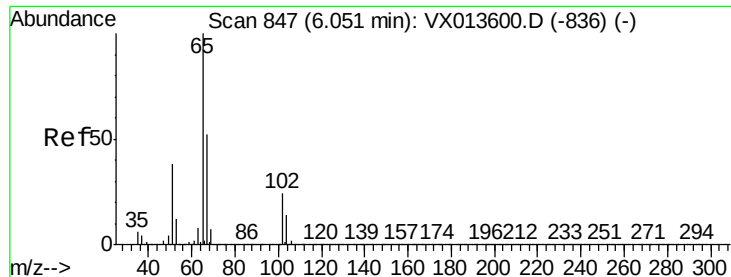
Tot Ion: 56 Resp: 547835
Ion Ratio Lower Upper
56 100
69 30.8 24.6 36.8
84 87.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.315 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion: 97 Resp: 499198
Ion Ratio Lower Upper
97 100
99 64.4 51.6 77.4
61 45.6 36.1 54.1

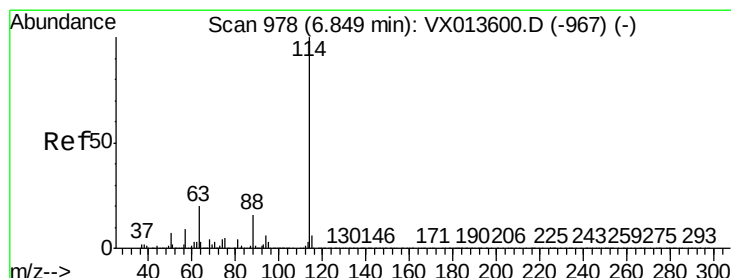
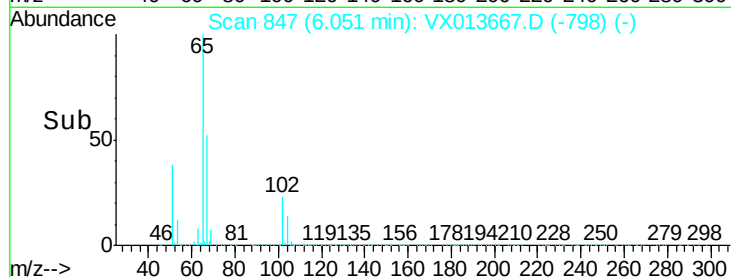
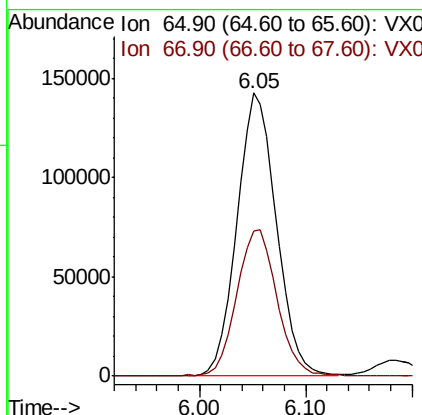
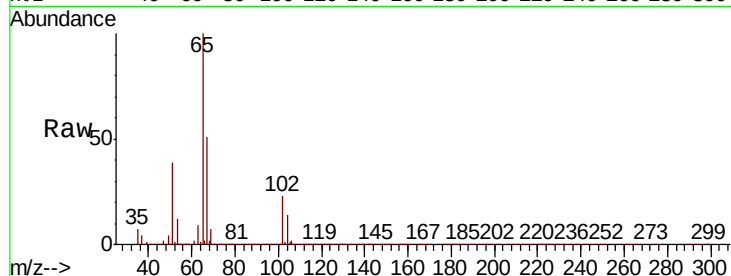




#33
 1,2-Dichloroethane-d4
 Concen: 49.278 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

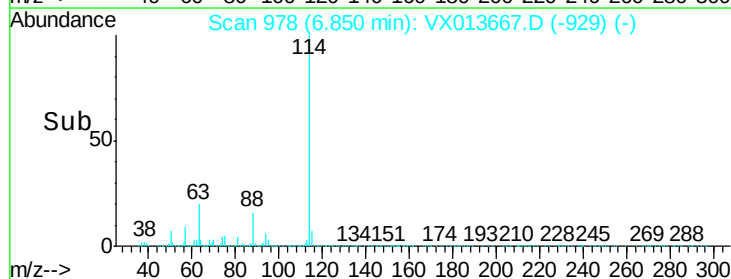
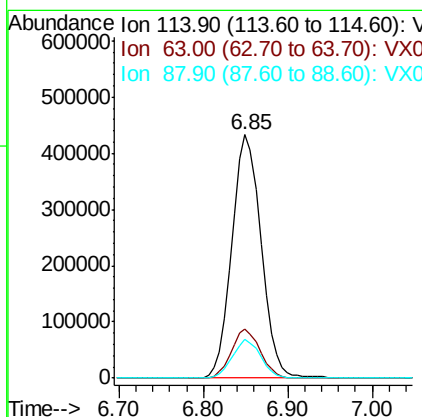
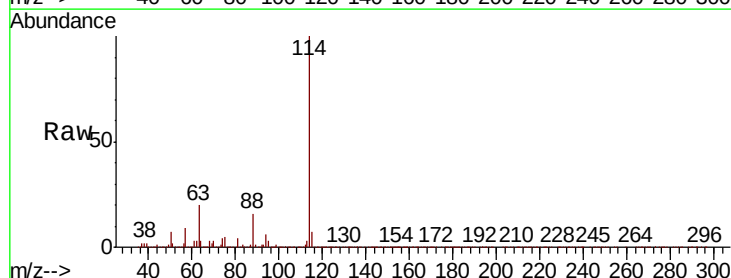
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

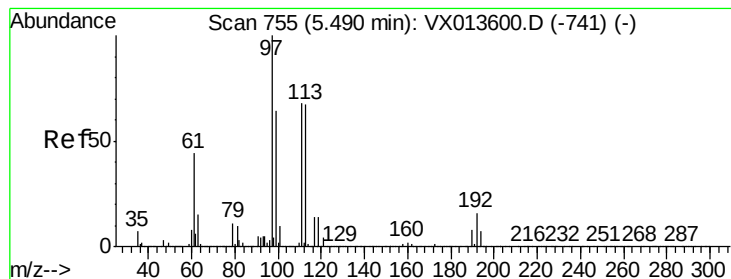
Tot Ion: 65 Resp: 368353
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

Tgt Ion: 114 Resp: 1017501
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.6
 88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.476 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

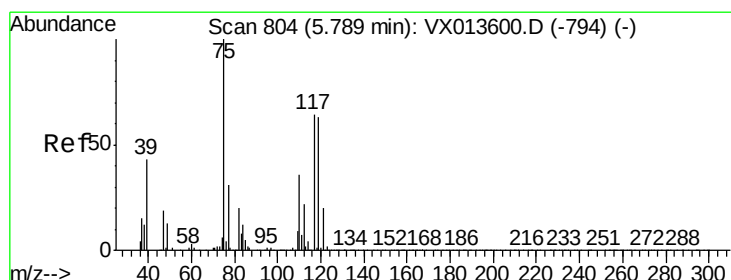
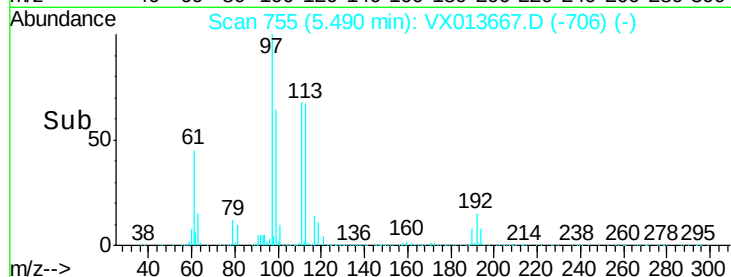
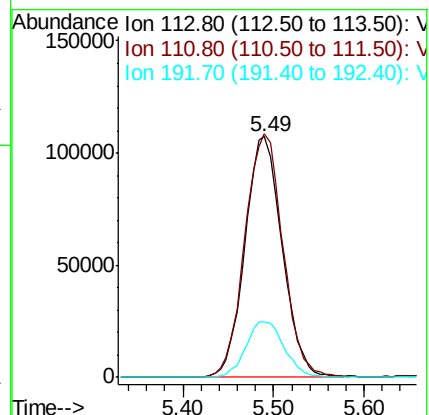
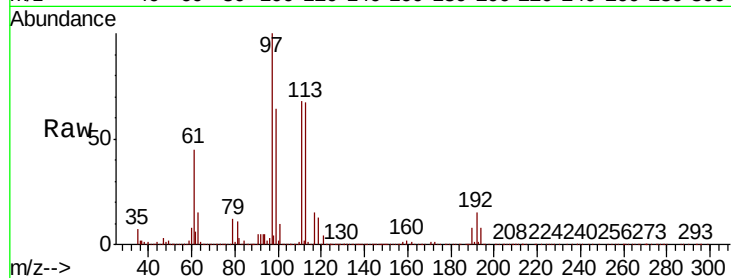
Tot Ion:113 Resp: 304928

Ion Ratio Lower Upper

113 100

111 103.3 83.6 125.4

192 24.2 19.2 28.8



#36

1,1-Dichloropropene

Concen: 49.465 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

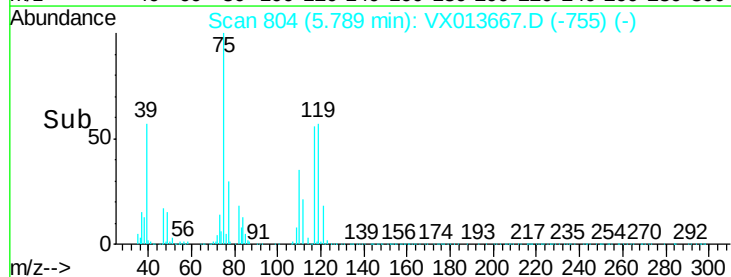
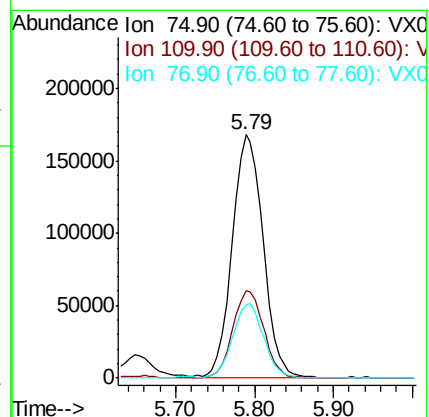
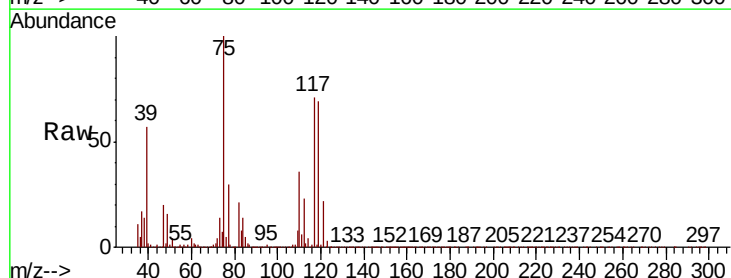
Tgt Ion: 75 Resp: 456877

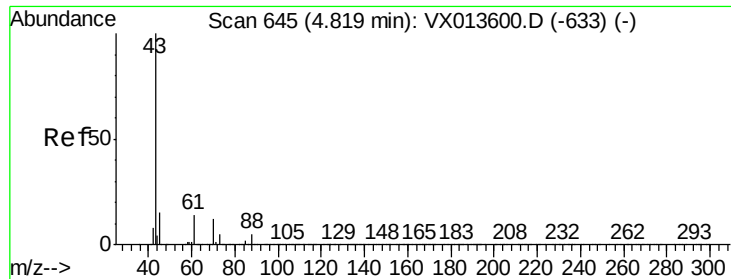
Ion Ratio Lower Upper

75 100

110 36.3 18.1 54.1

77 30.3 24.5 36.7

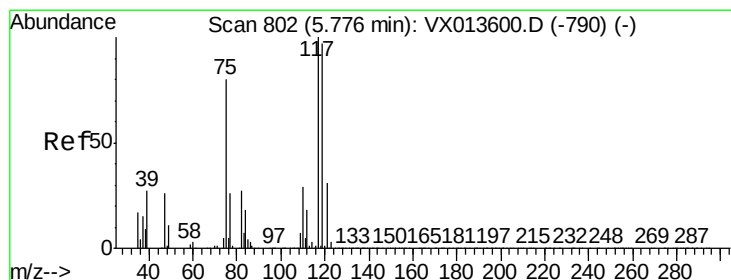
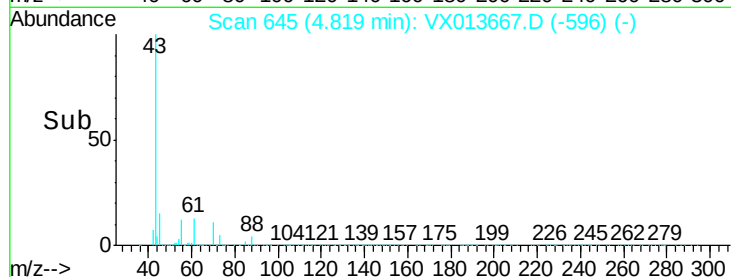
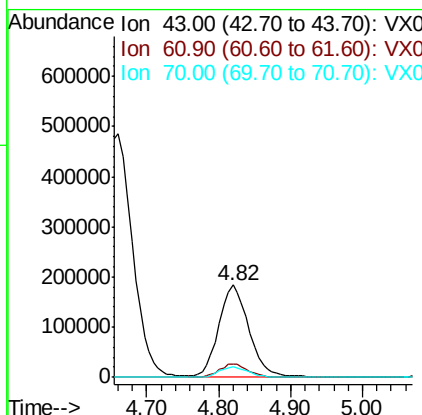
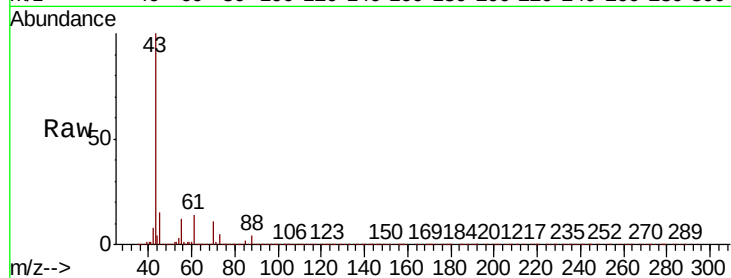




#37
Ethyl Acetate
Concen: 51.053 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

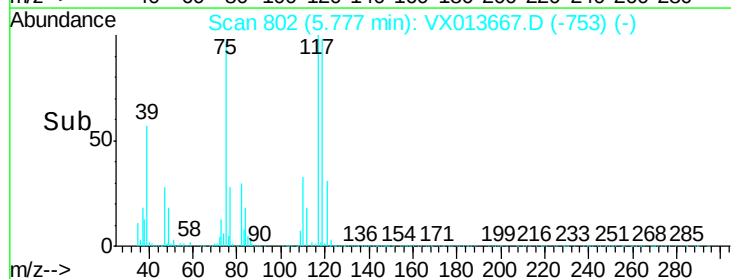
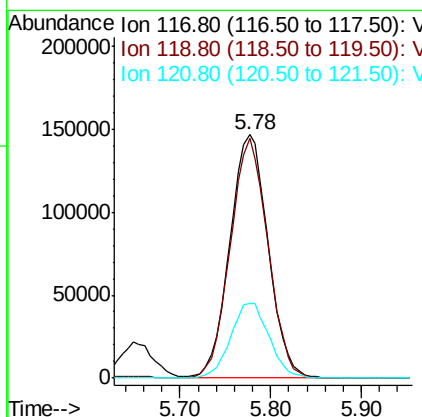
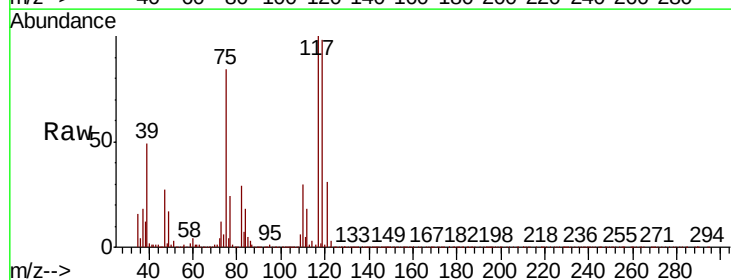
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

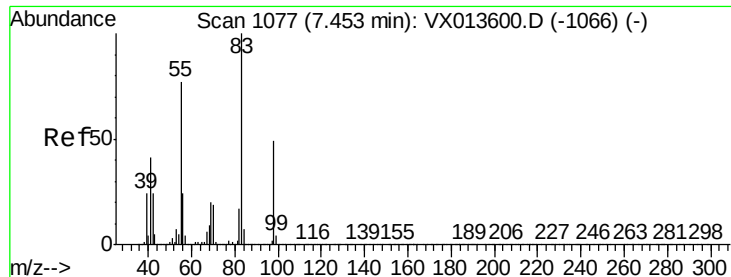
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	11.0	8.6	12.8



#38
Carbon Tetrachloride
Concen: 50.273 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.5	116.3
121	30.6	25.0	37.6

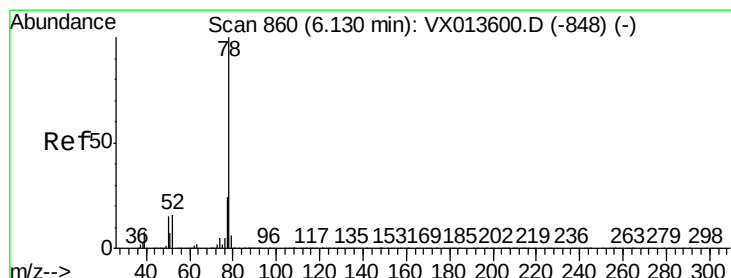
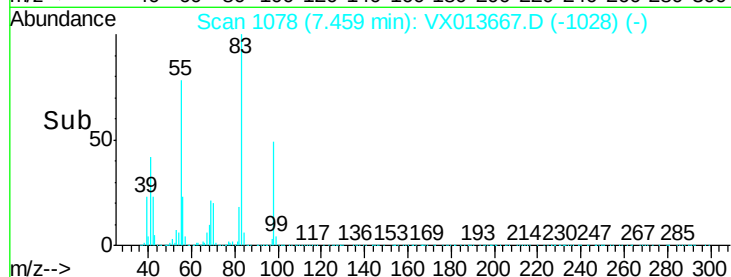
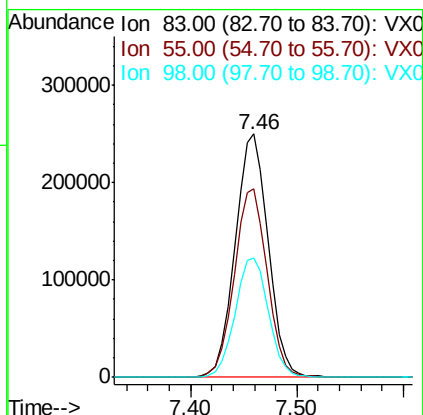
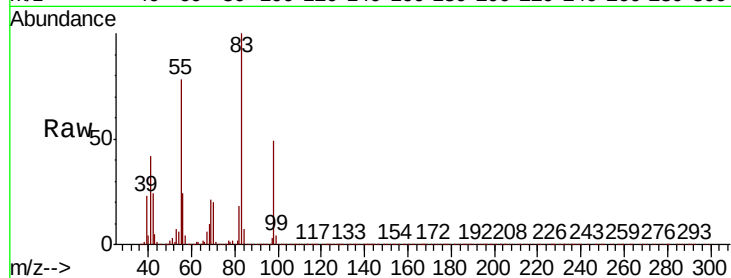




#39
Methylvlcyclohexane
Concen: 47.638 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

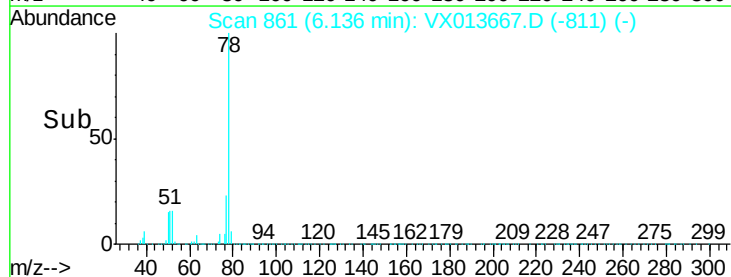
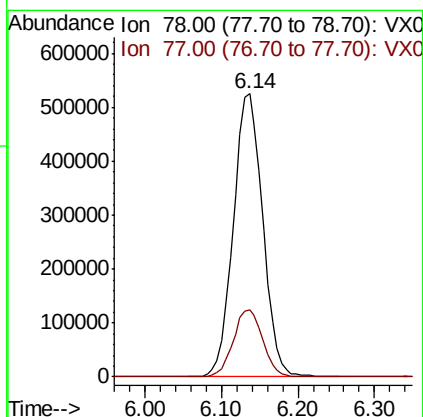
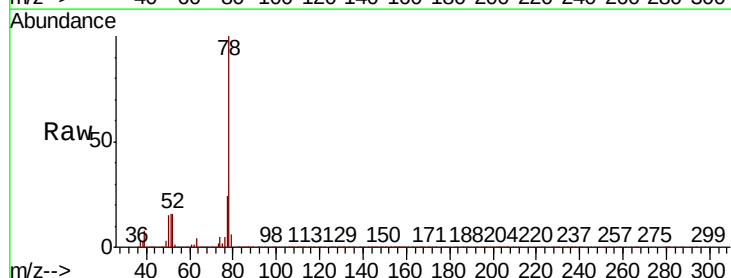
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

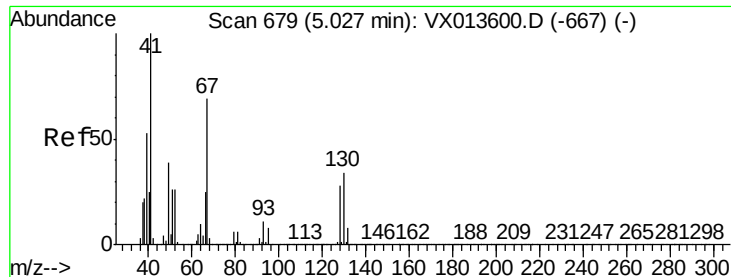
Tot Ion	Ratio	Lower	Upper
83	100		
55	77.5	61.9	92.9
98	48.7	39.4	59.0



#40
Benzene
Concen: 49.504 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4





#41

Methacrylonitrile

Concen: 51.681 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 293684

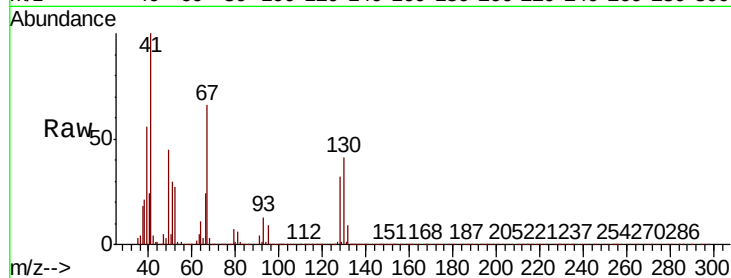
Ion Ratio Lower Upper

41 100

39 55.7 42.9 64.3

67 70.7 57.4 86.0

52 27.9 22.4 33.6

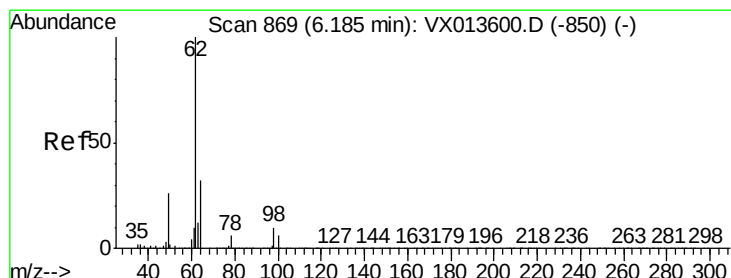
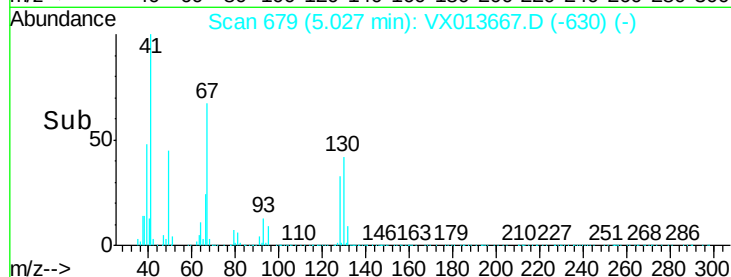
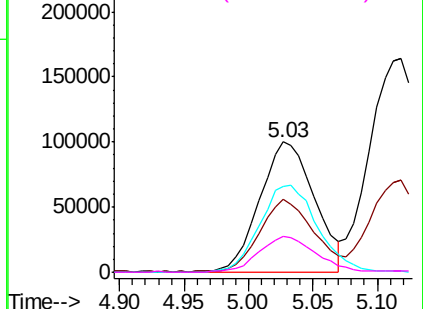


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.970 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX013667.D

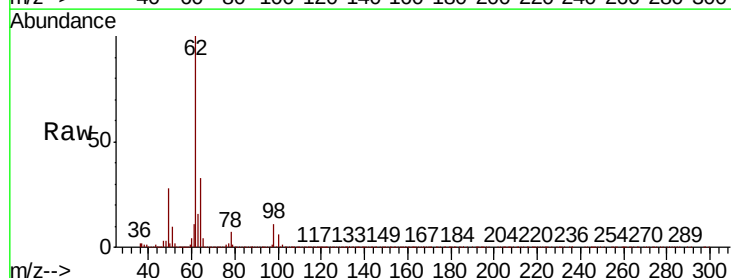
Acq: 27 Nov 2019 21:41

Tgt Ion: 62 Resp: 479405

Ion Ratio Lower Upper

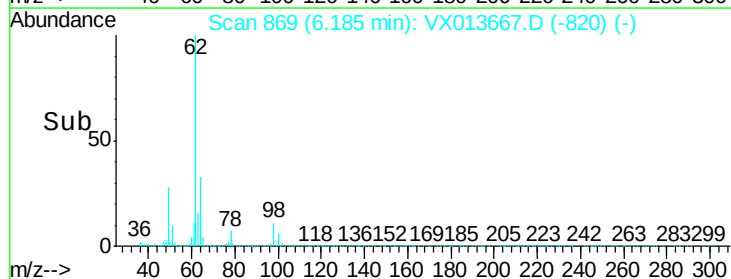
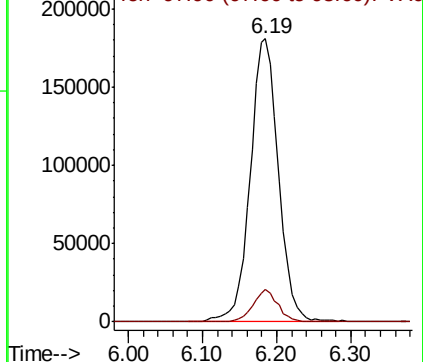
62 100

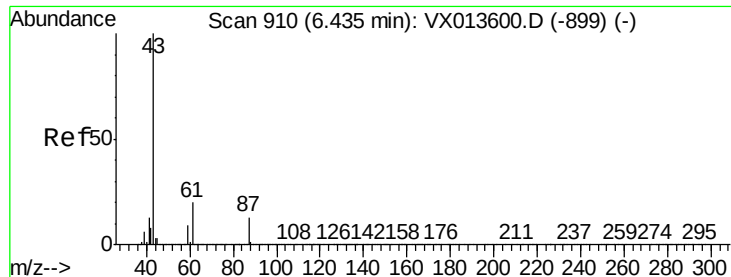
98 10.0 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.269 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

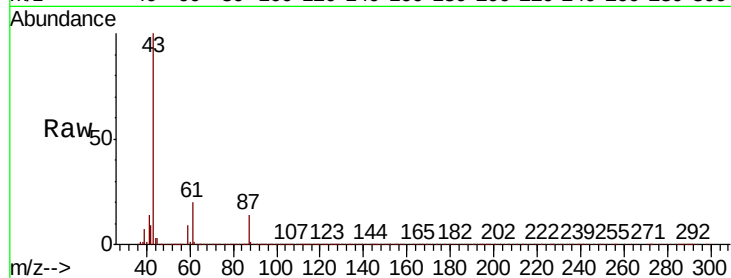
Tot Ion: 43 Resp: 857524

Ion Ratio Lower Upper

43 100

61 20.0 16.3 24.5

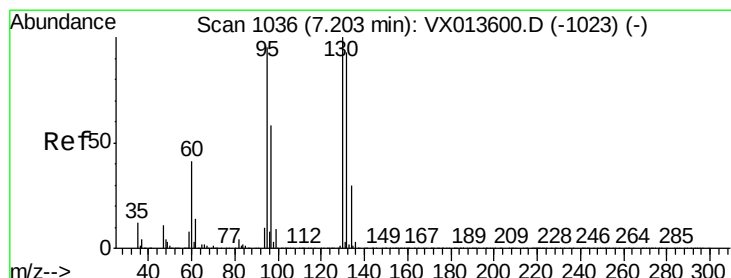
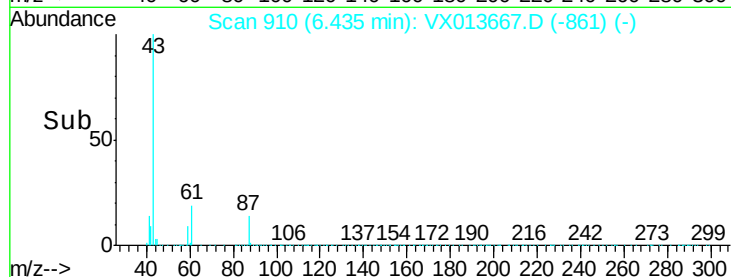
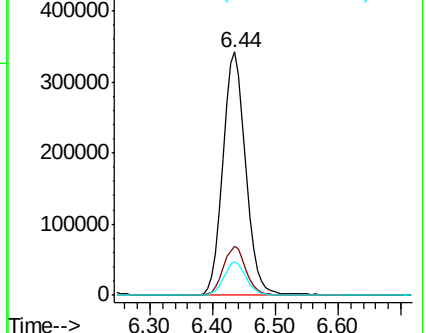
87 13.4 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.008 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013667.D

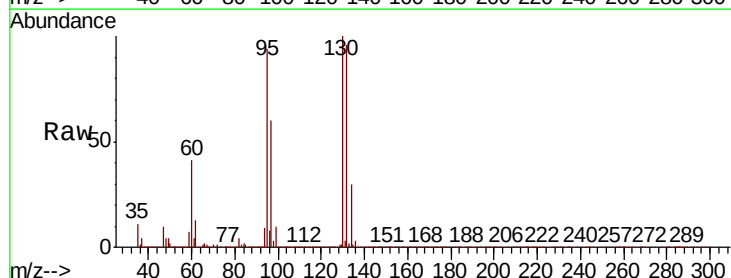
Acq: 27 Nov 2019 21:41

Tgt Ion:130 Resp: 370646

Ion Ratio Lower Upper

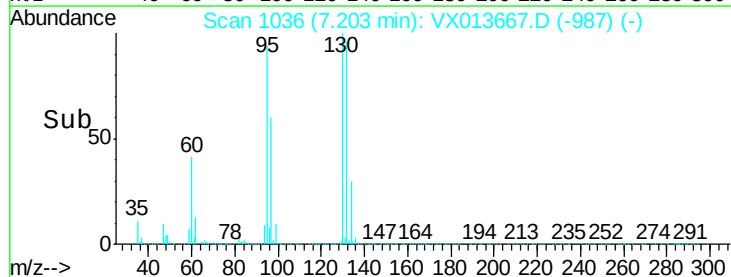
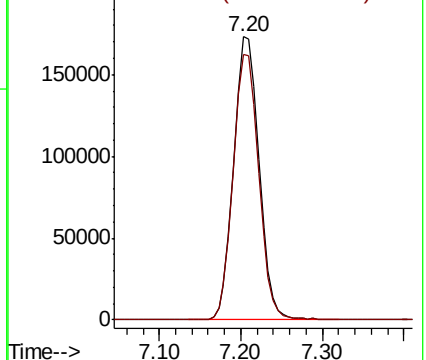
130 100

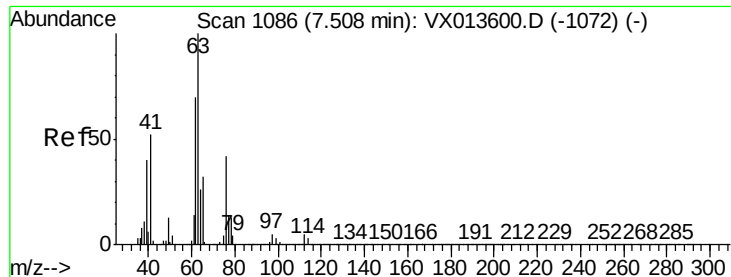
95 93.6 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.809 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

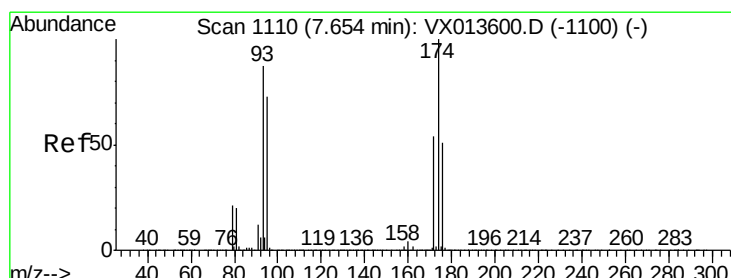
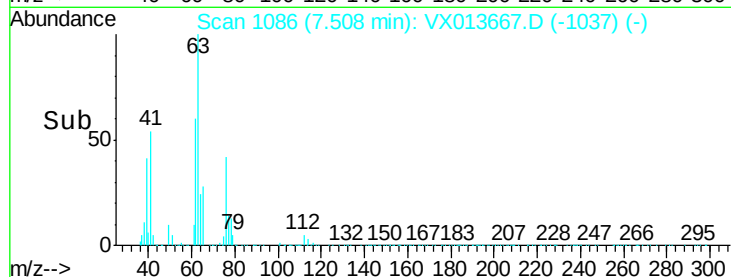
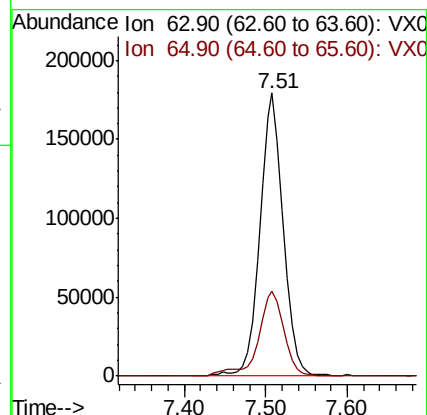
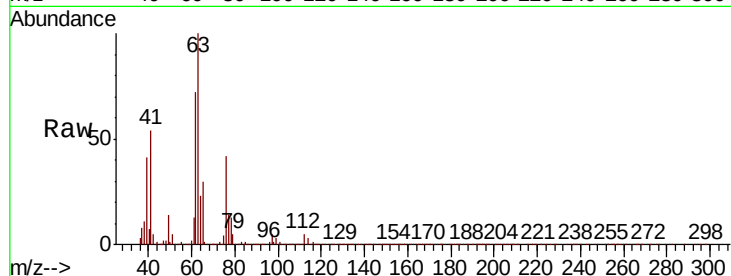
VSTDCCC050

Tot Ion: 63 Resp: 357610

Ion Ratio Lower Upper

63 100

65 29.7 25.5 38.3



#46

Dibromomethane

Concen: 48.927 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

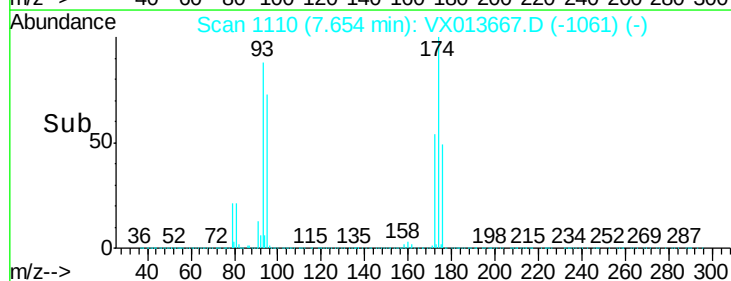
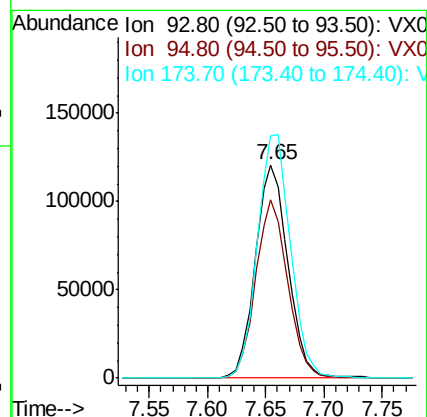
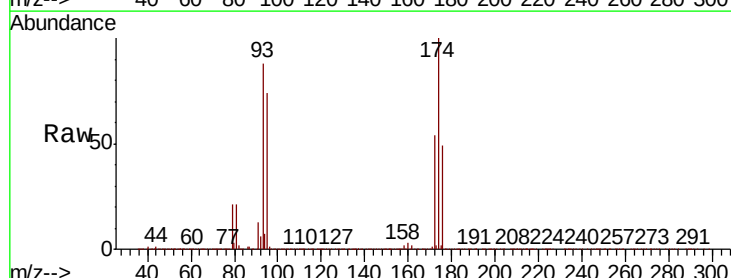
Tgt Ion: 93 Resp: 233881

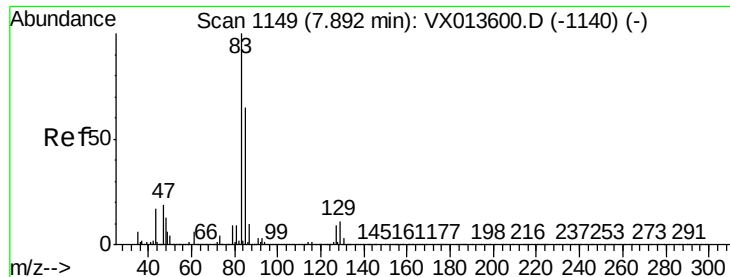
Ion Ratio Lower Upper

93 100

95 82.3 66.2 99.2

174 117.2 93.4 140.0

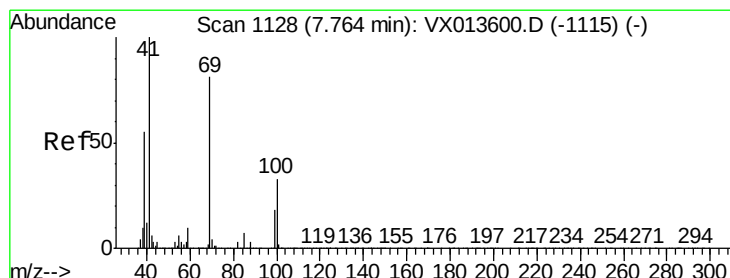
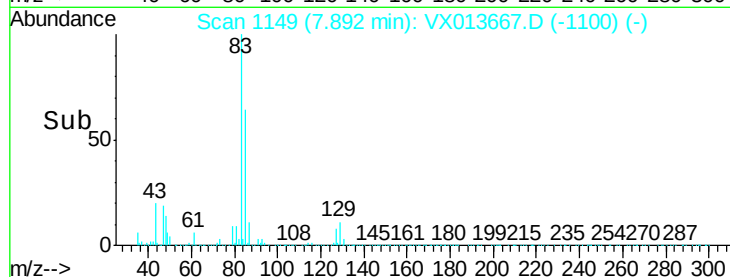
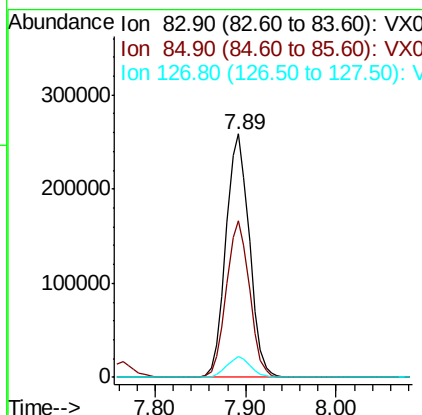
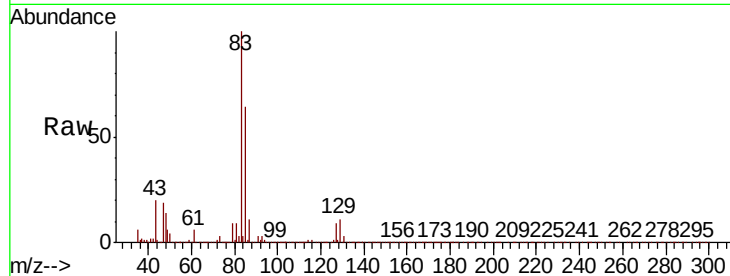




#47
Bromodichloromethane
Concen: 51.267 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

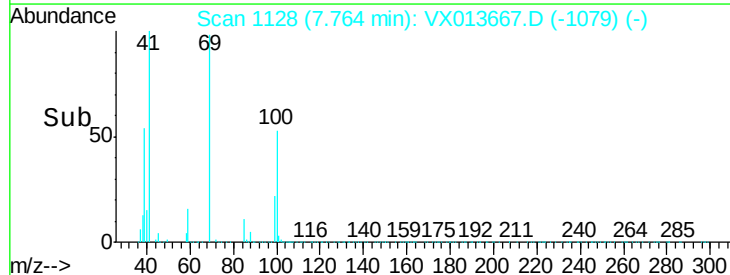
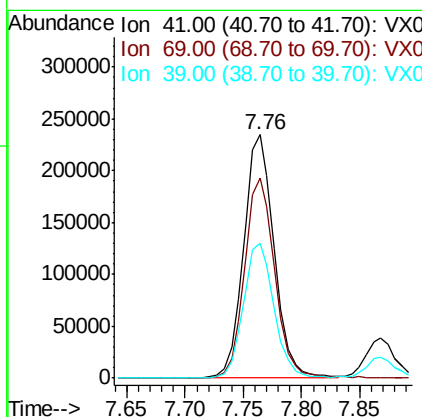
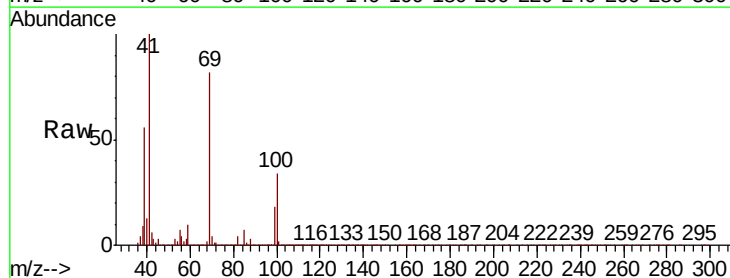
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

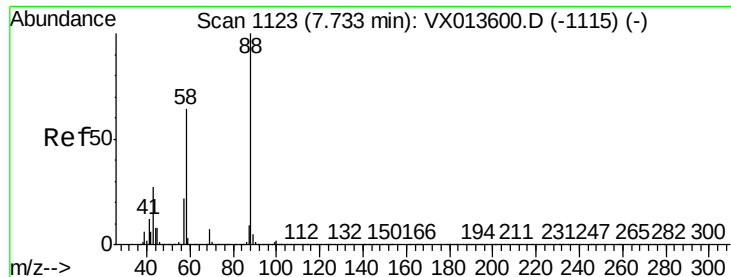
Tot Ion	83	Resp	463295
Ion Ratio	Lower	Upper	
83	100		
85	64.1	52.1	78.1
127	8.5	7.0	10.4



#48
Methyl methacrylate
Concen: 51.409 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion	41	Resp	426103
Ion Ratio	Lower	Upper	
41	100		
69	82.1	64.7	97.1
39	56.3	43.8	65.6





#49

1,4-Dioxane

Concen: 902.723 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

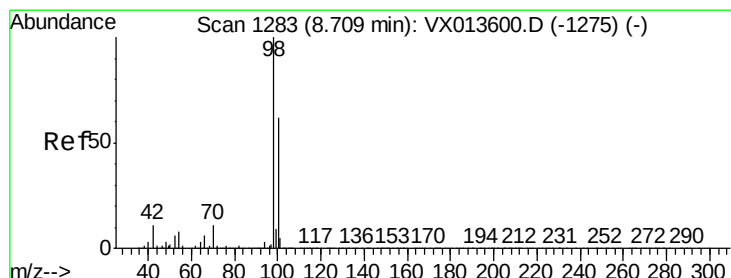
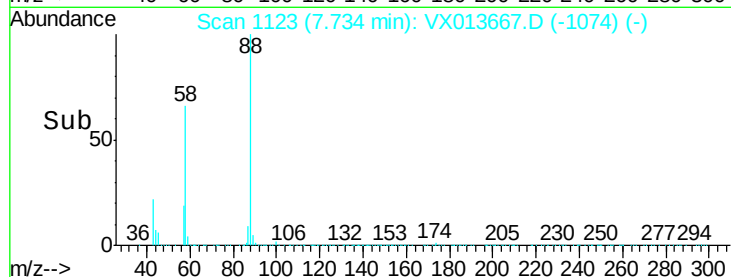
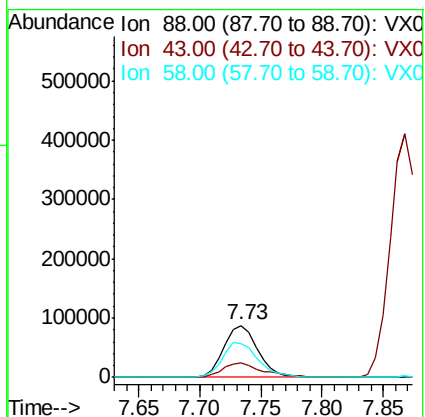
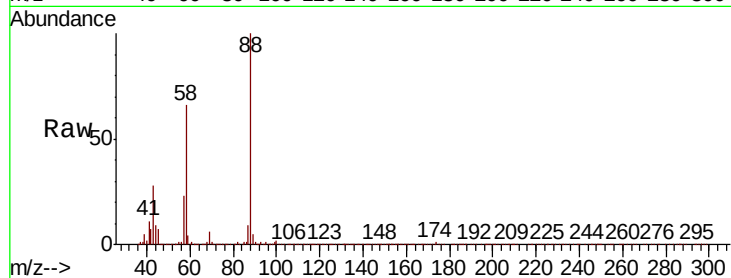
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 167480

Ion	Ratio	Lower	Upper
88	100		
43	33.0	25.8	38.6
58	70.9	54.6	82.0



#50

Toluene-d8

Concen: 48.368 ug/l

RT: 8.71 min Scan# 1283

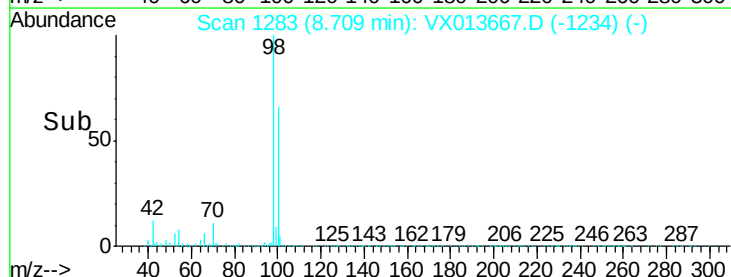
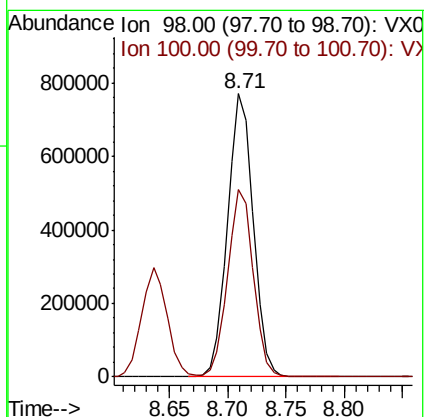
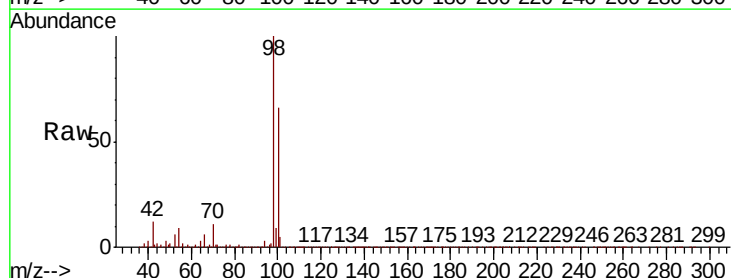
Delta R.T. 0.00 min

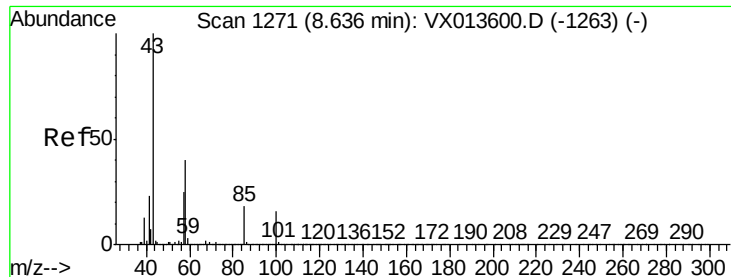
Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Tgt Ion: 98 Resp: 1185389

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 253.333 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

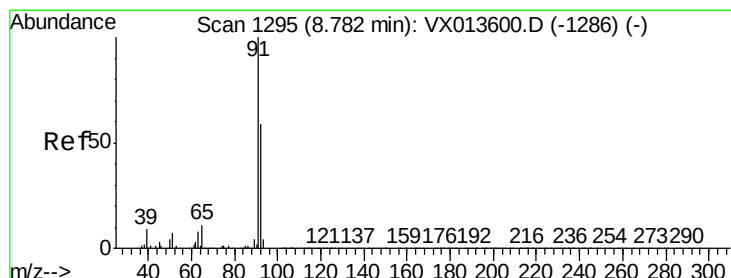
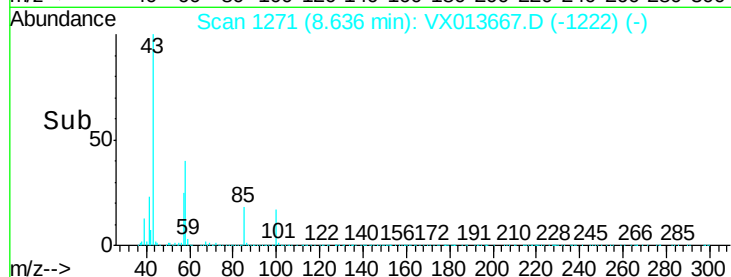
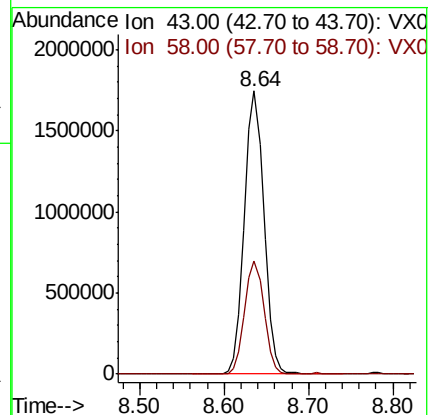
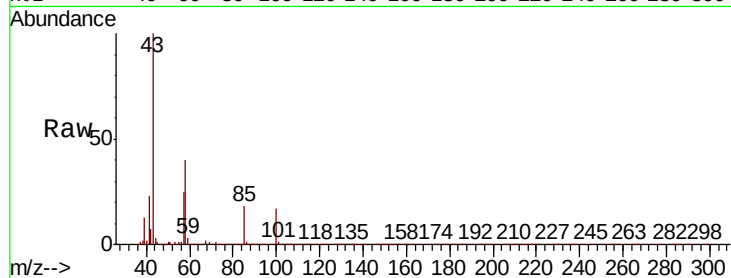
VSTDCCC050

Tot Ion: 43 Resp: 2718357

Ion Ratio Lower Upper

43 100

58 39.8 32.1 48.1



#52

Toluene

Concen: 49.694 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013667.D

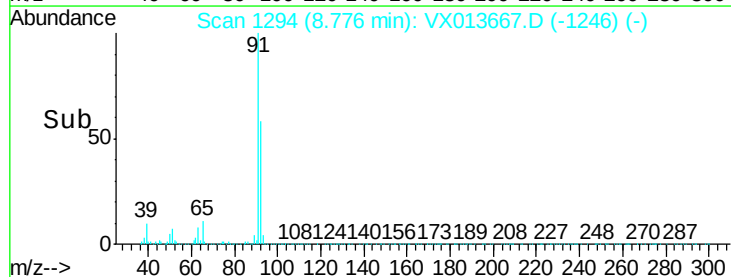
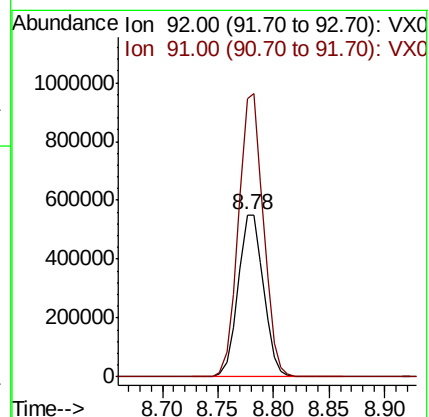
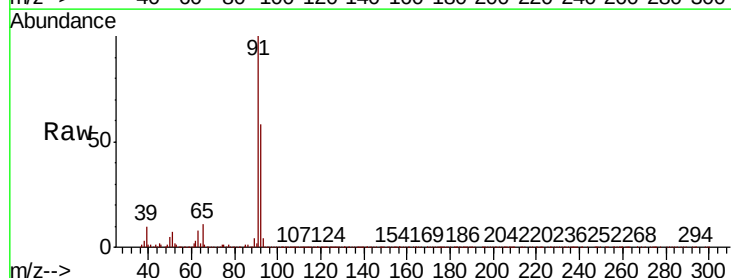
Acq: 27 Nov 2019 21:41

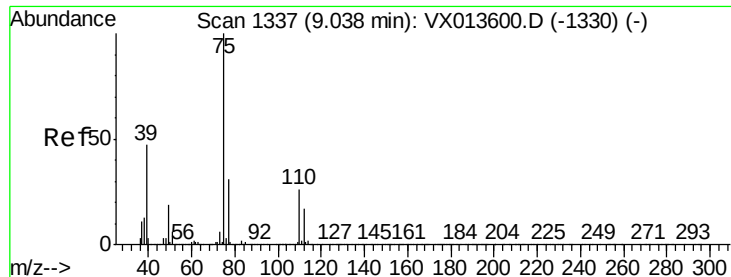
Tgt Ion: 92 Resp: 868457

Ion Ratio Lower Upper

92 100

91 171.8 136.2 204.2

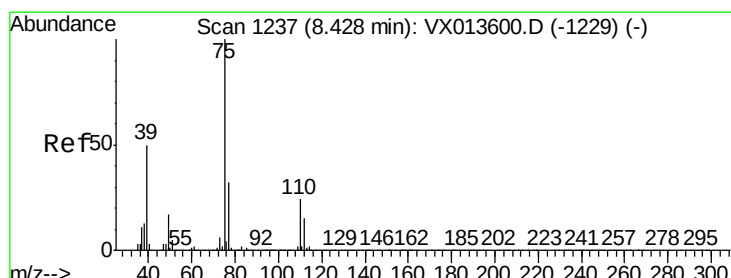
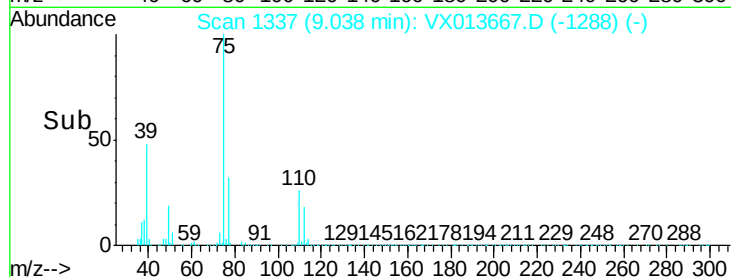
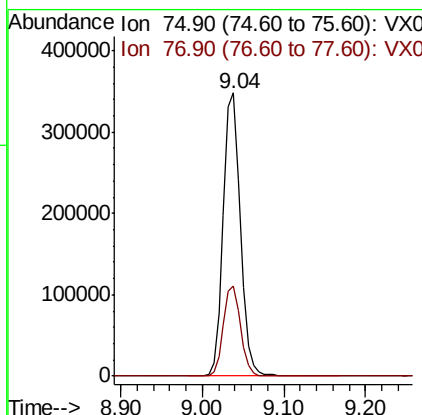
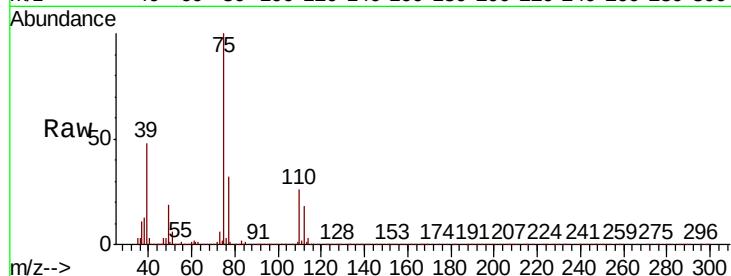




#53
 t-1,3-Dichloropropene
 Concen: 49.271 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

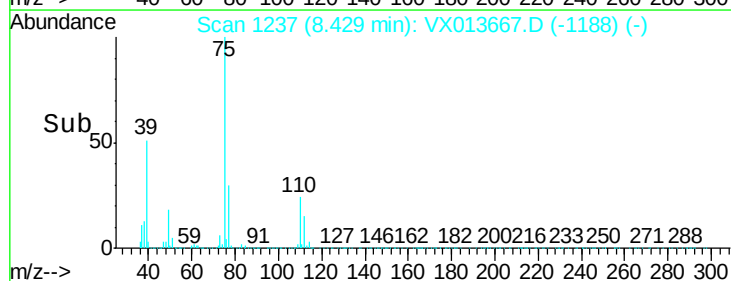
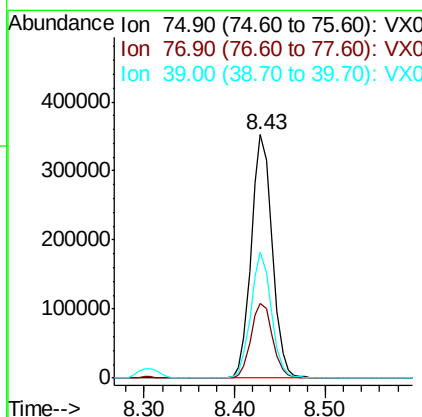
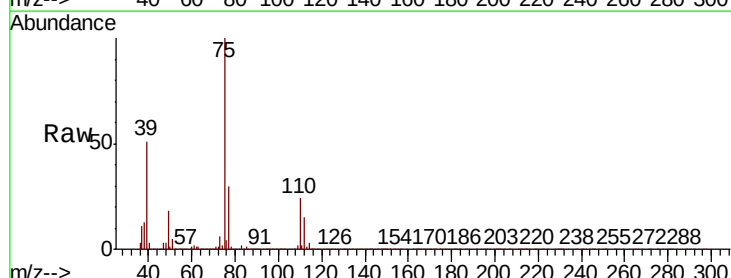
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

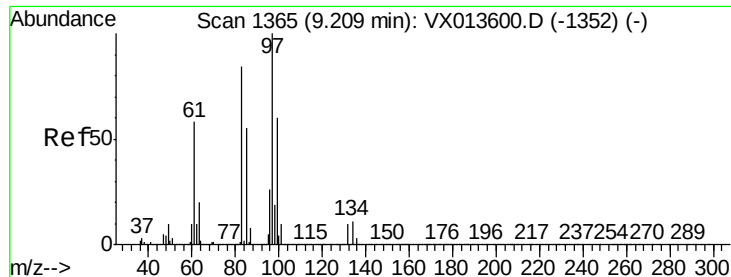
Tot Ion: 75 Resp: 506810
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.4 36.6



#54
 cis-1,3-Dichloropropene
 Concen: 50.258 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

Tgt Ion: 75 Resp: 564786
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.8 38.6
 39 51.2 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 50.443 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 355248

Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.3	100.9
85	55.5	43.6	65.4
99	61.2	48.2	72.4

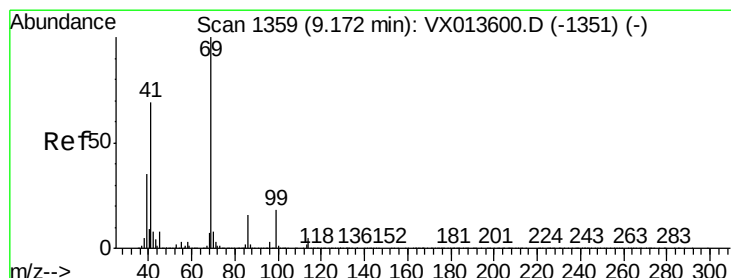
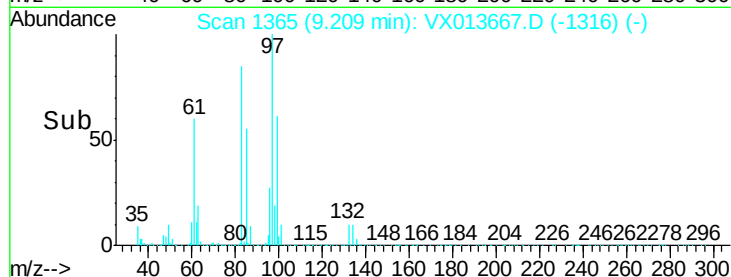
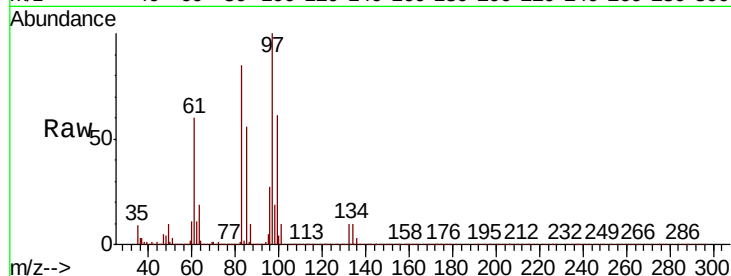
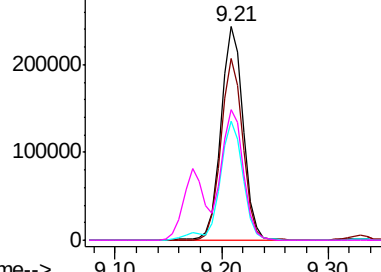
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.432 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Tgt Ion: 69 Resp: 582338

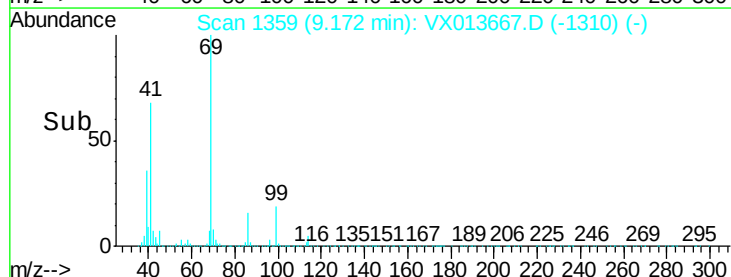
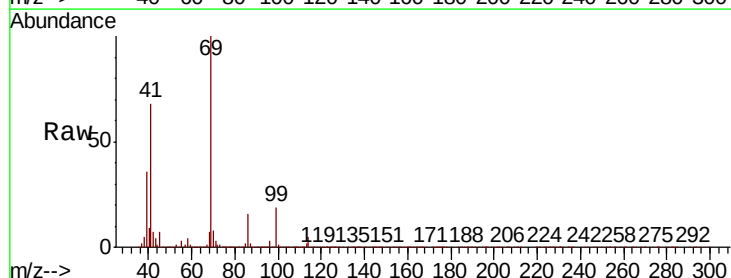
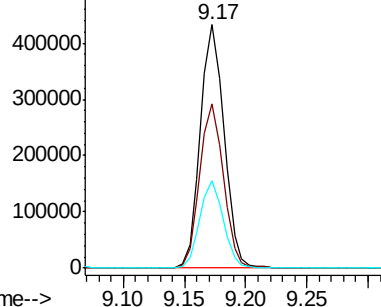
Ion	Ratio	Lower	Upper
69	100		
41	67.2	55.0	82.4
39	35.3	28.7	43.1

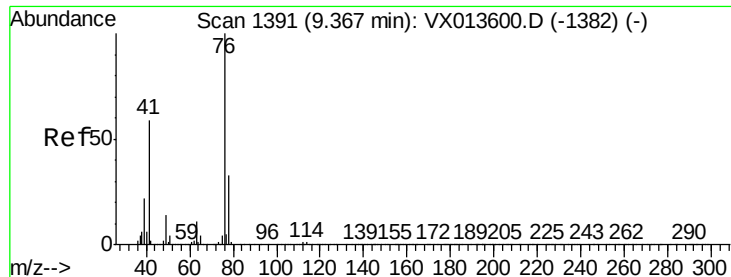
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.693 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

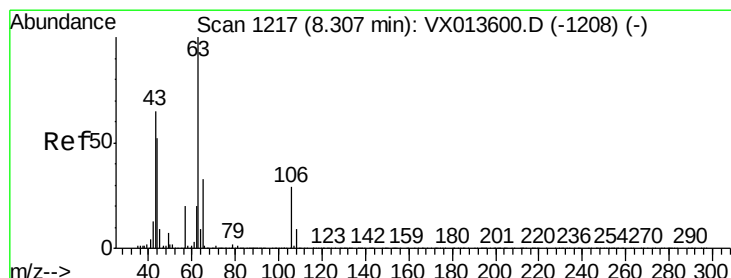
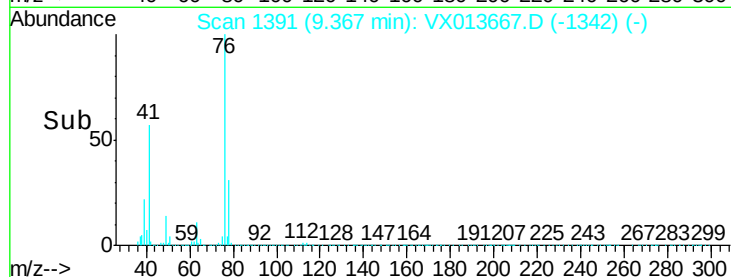
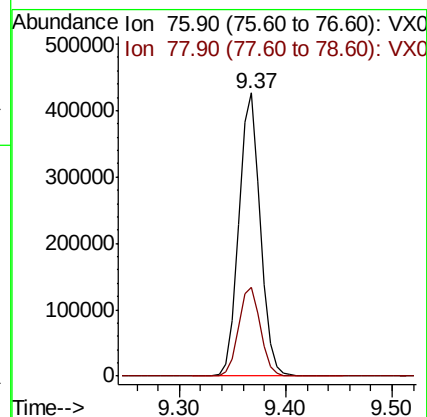
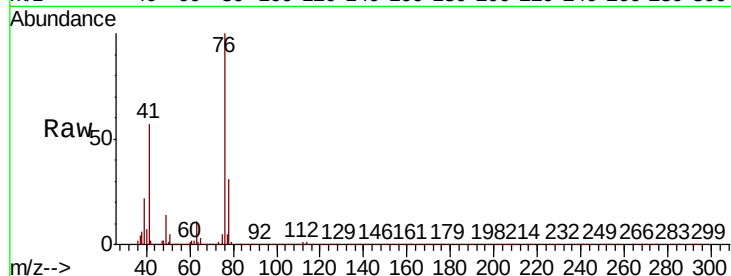
VSTDCCC050

Tot Ion: 76 Resp: 603226

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 249.363 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013667.D

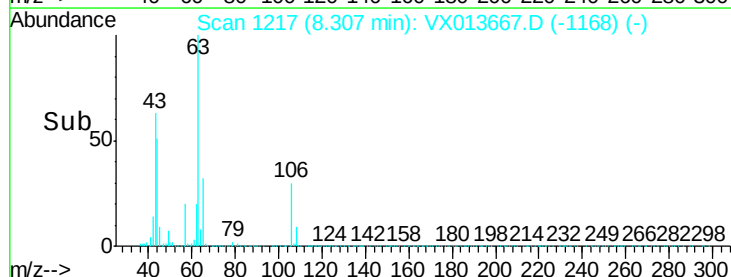
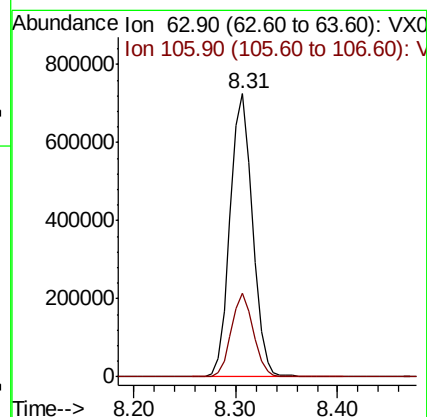
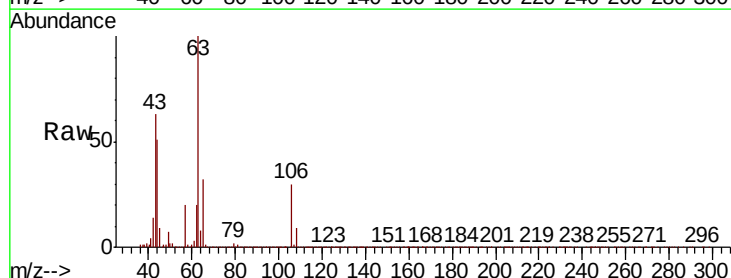
Acq: 27 Nov 2019 21:41

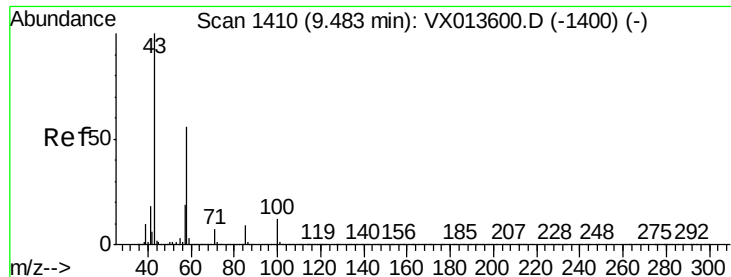
Tgt Ion: 63 Resp: 1106995

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.0

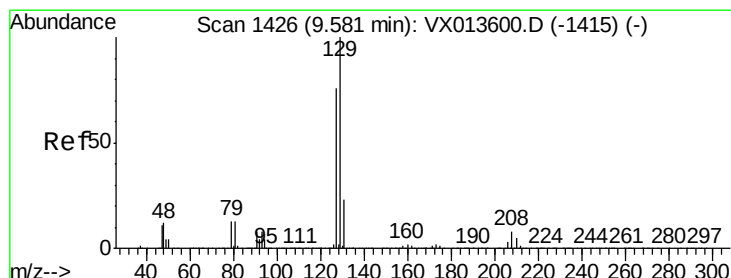
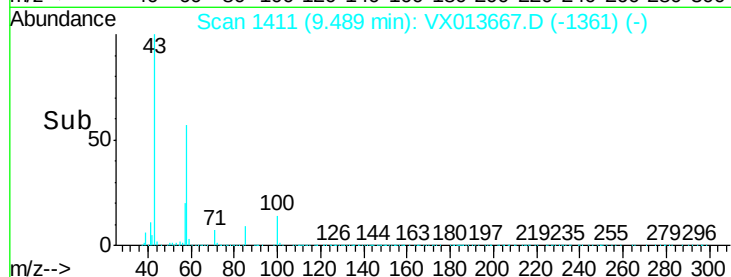
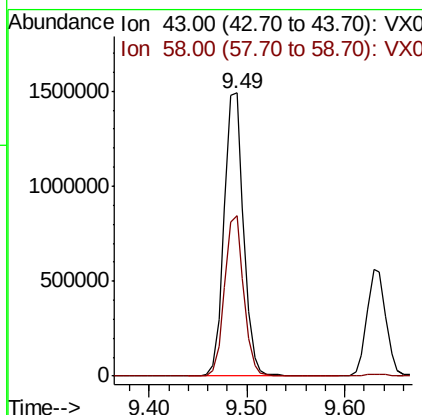
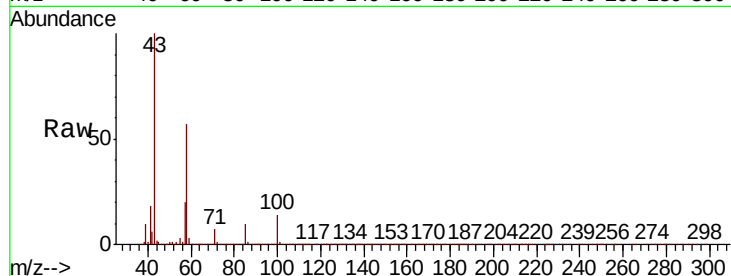




#59
2-Hexanone
Concen: 245.926 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

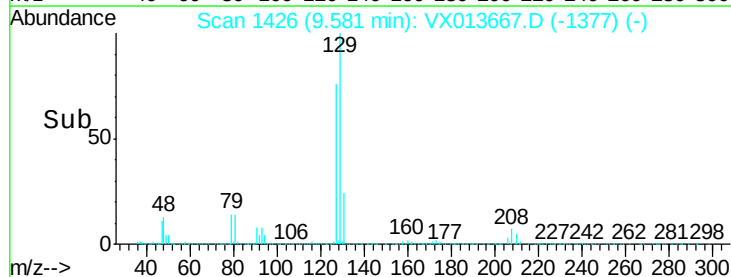
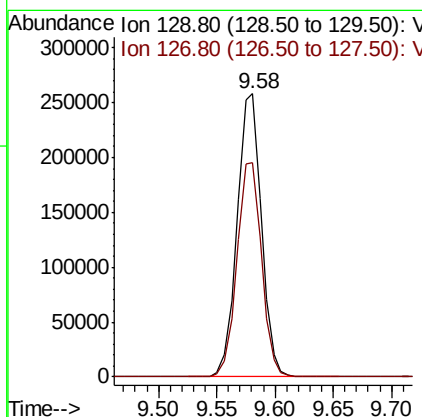
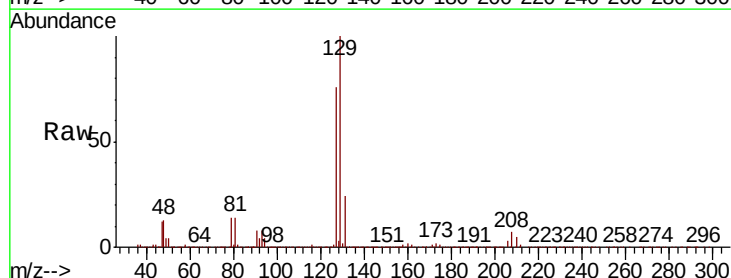
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

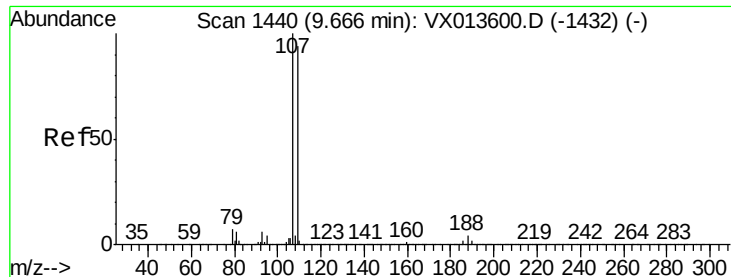
Tot Ion: 43 Resp: 2058129
Ion Ratio Lower Upper
43 100
58 55.7 28.1 84.4



#60
Dibromochloromethane
Concen: 51.431 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion: 129 Resp: 375889
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.542 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

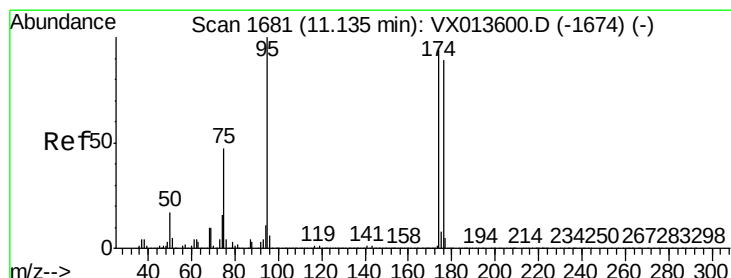
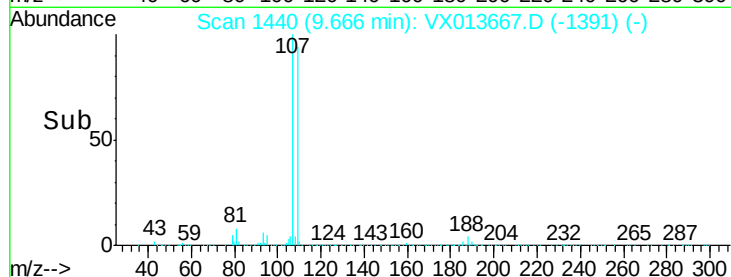
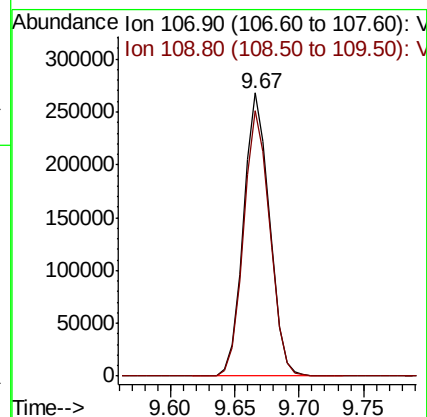
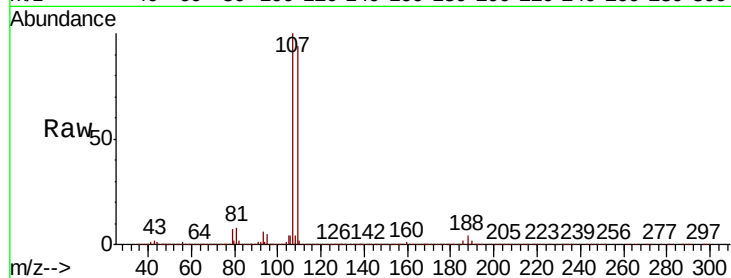
VSTDCCC050

Tot Ion: 107 Resp: 372643

Ion Ratio Lower Upper

107 100

109 94.9 76.1 114.1



#62

4-Bromofluorobenzene

Concen: 48.281 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

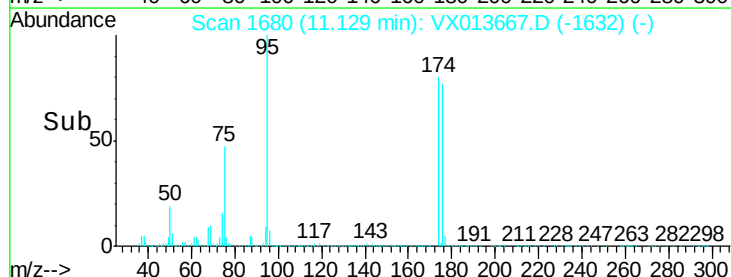
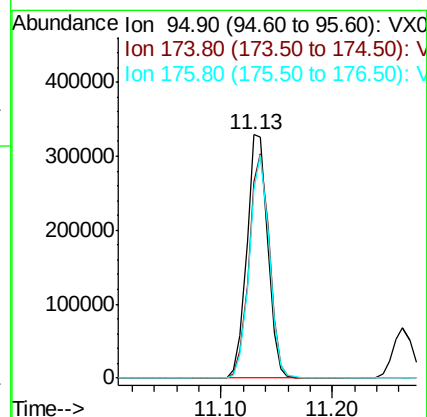
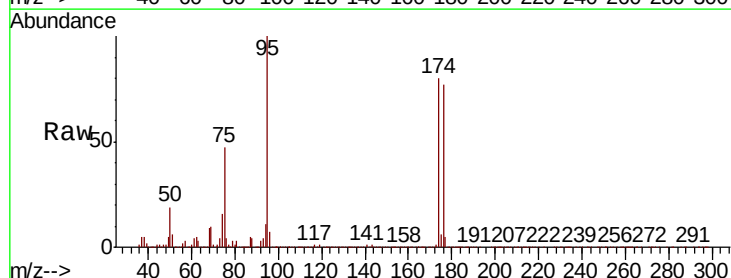
Tgt Ion: 95 Resp: 426687

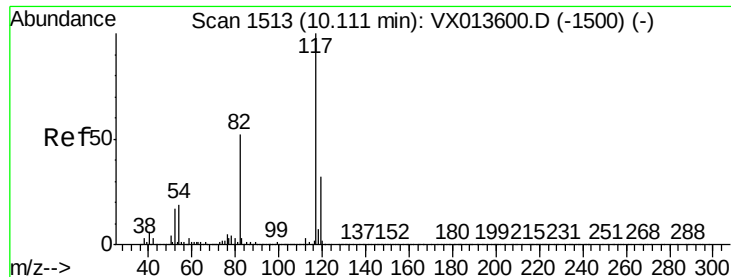
Ion Ratio Lower Upper

95 100

174 89.8 0.0 180.0

176 87.1 0.0 173.6

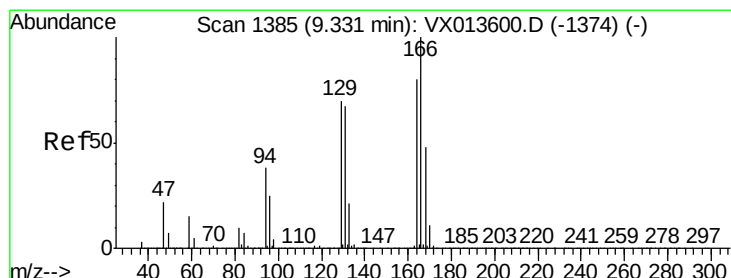
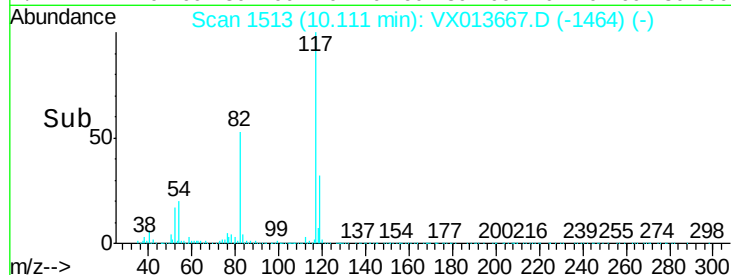
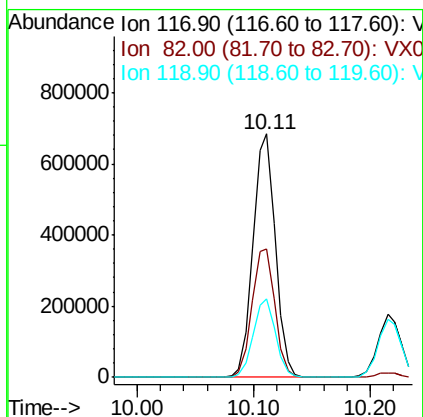
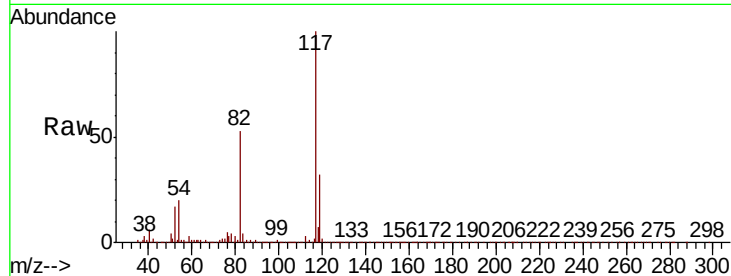




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

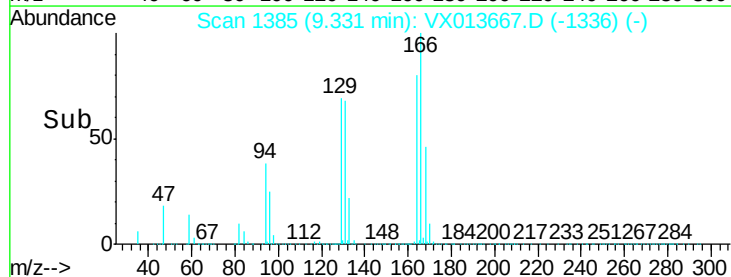
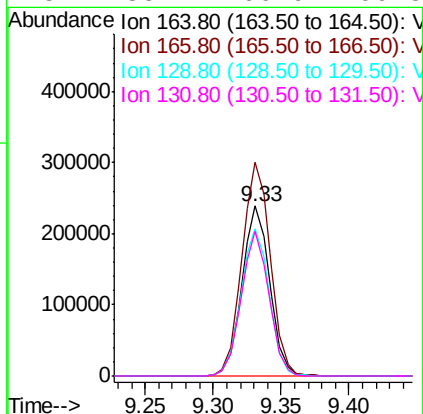
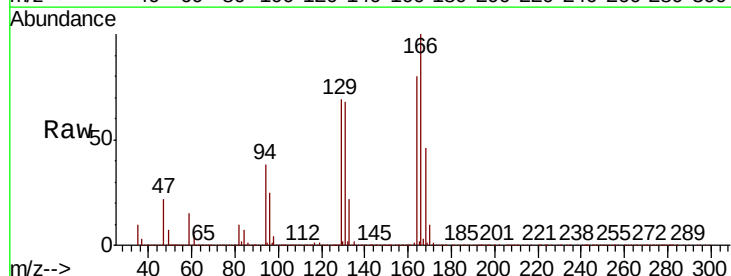
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

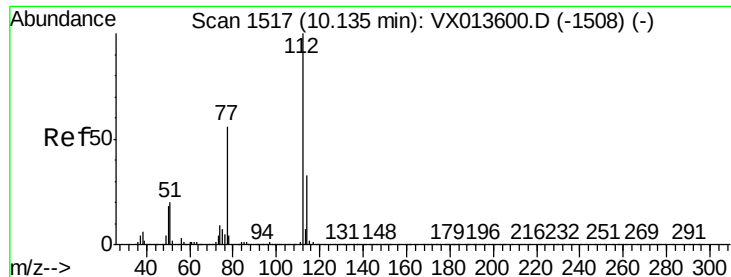
Tot Ion:117 Resp: 916088
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.8
119 32.5 25.8 38.8



#64
Tetrachloroethene
Concen: 49.819 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion:164 Resp: 340346
Ion Ratio Lower Upper
164 100
166 125.5 99.7 149.5
129 86.5 70.1 105.1
131 85.2 66.9 100.3





#65

Chlorobenzene

Concen: 49.245 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

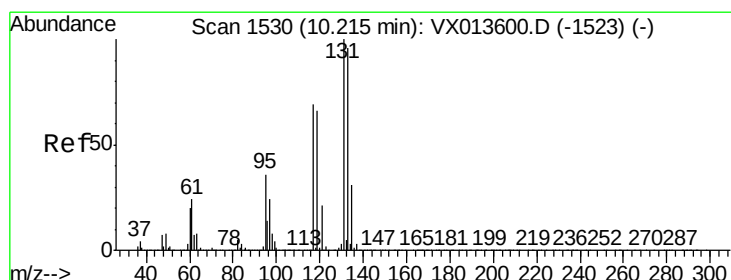
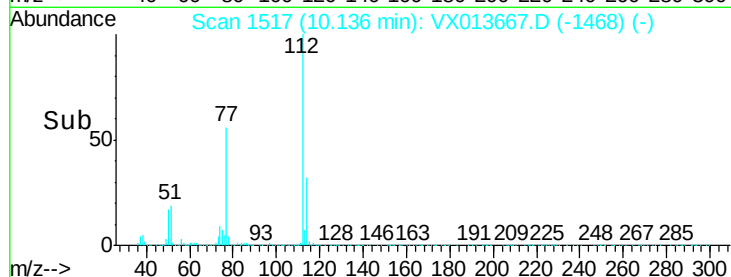
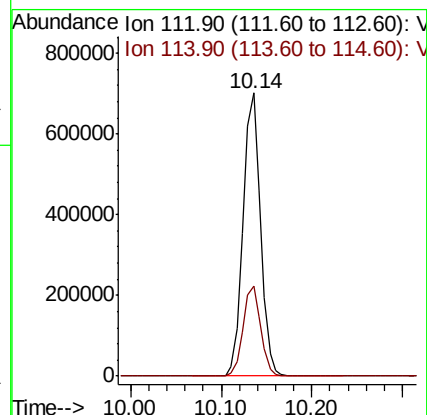
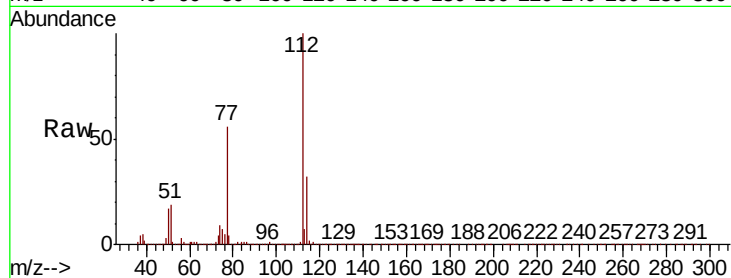
VSTDCCC050

Tot Ion:112 Resp: 936641

Ion Ratio Lower Upper

112 100

114 31.8 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 50.984 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

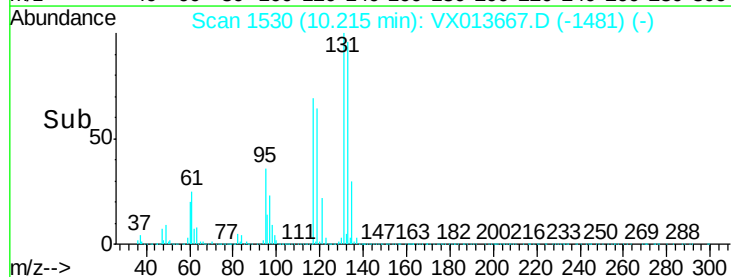
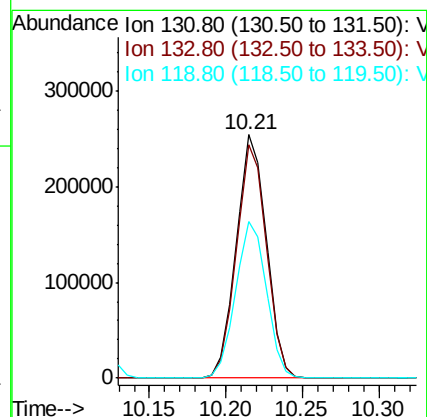
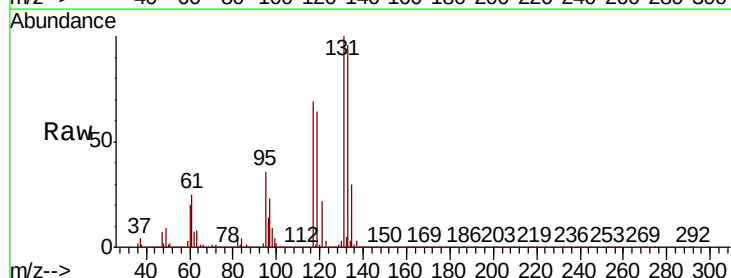
Tgt Ion:131 Resp: 348214

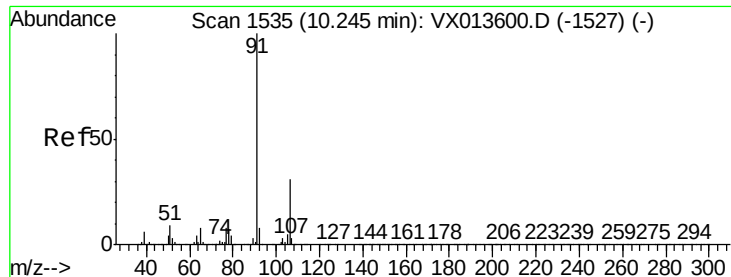
Ion Ratio Lower Upper

131 100

133 95.5 47.7 143.1

119 65.5 32.9 98.6

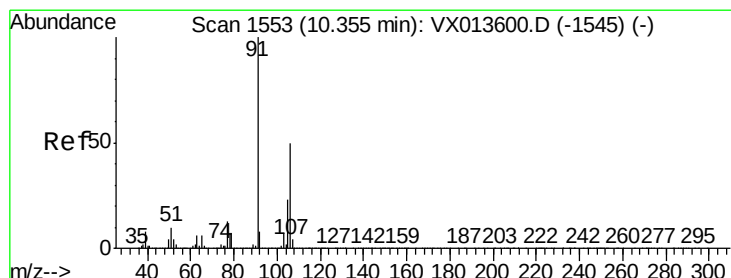
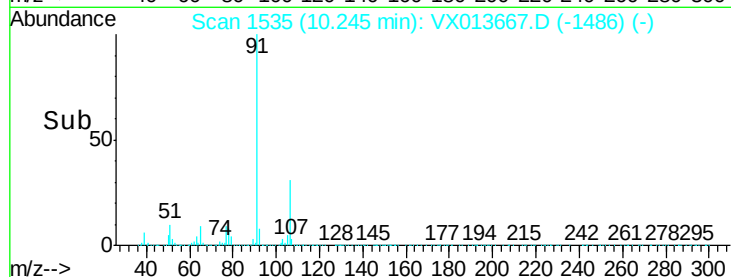
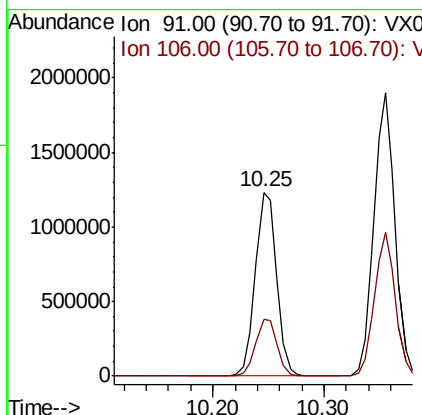
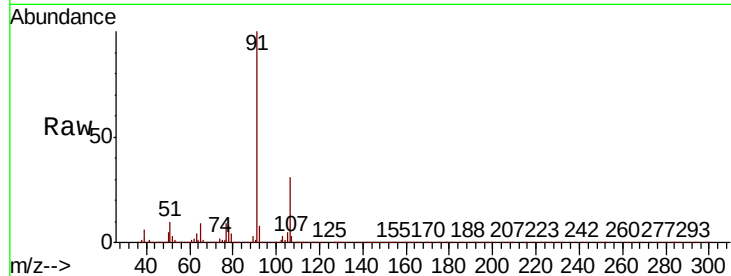




#67
Ethyl Benzene
Concen: 50.454 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

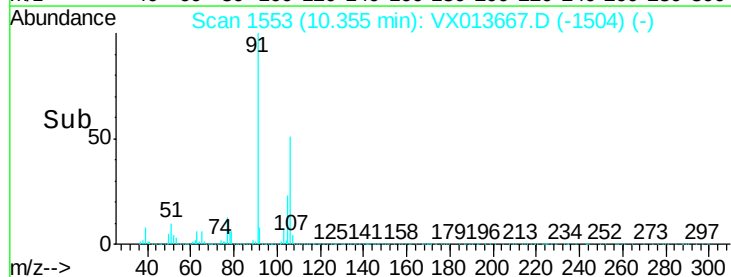
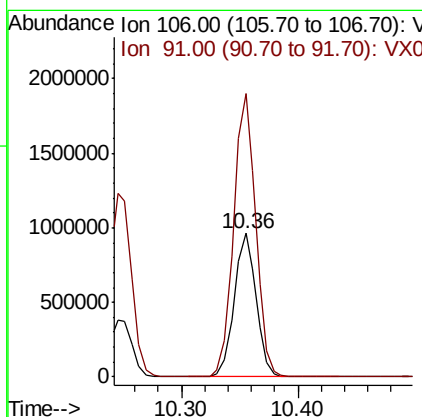
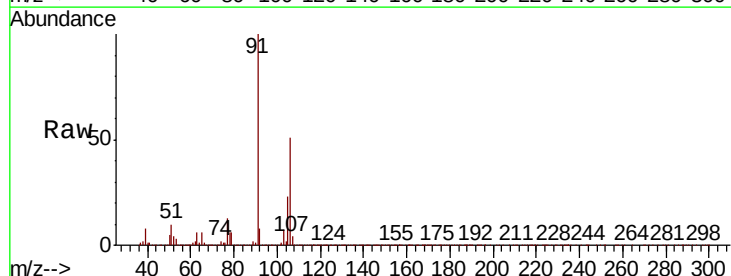
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

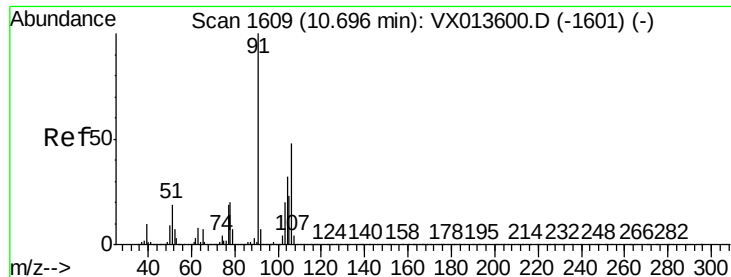
Tot Ion: 91 Resp: 1649013
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7



#68
m/p-Xylenes
Concen: 100.638 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion: 106 Resp: 1259284
Ion Ratio Lower Upper
106 100
91 198.7 159.0 238.4

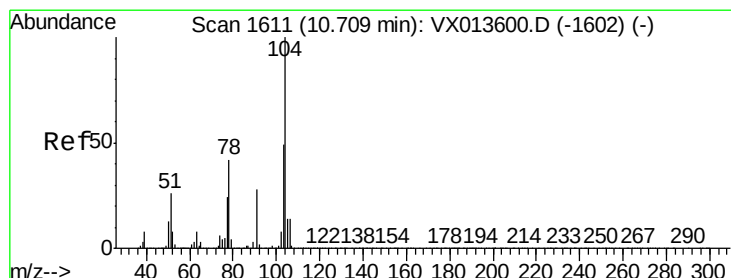
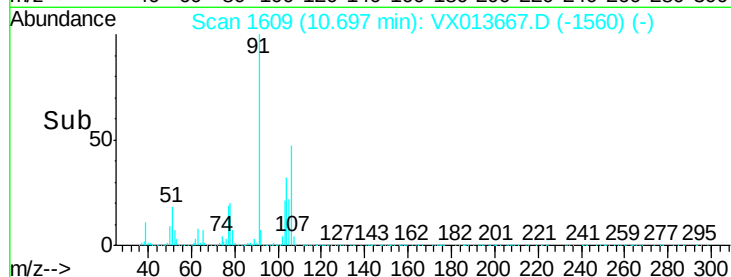
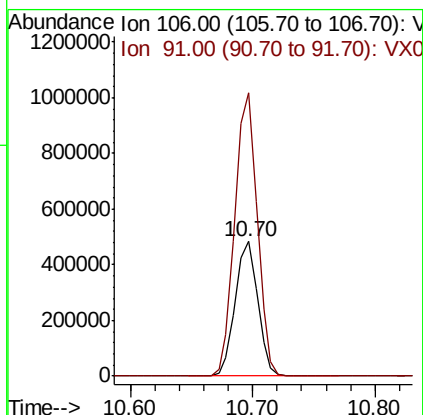
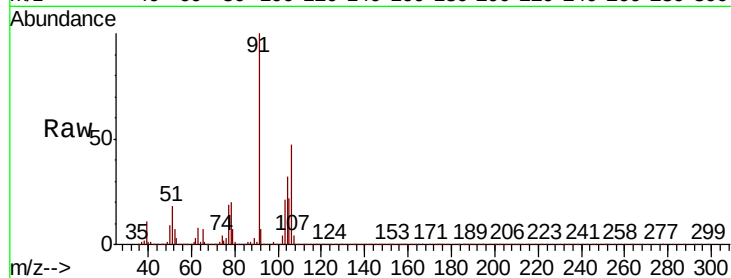




#69
o-Xylene
Concen: 50.380 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

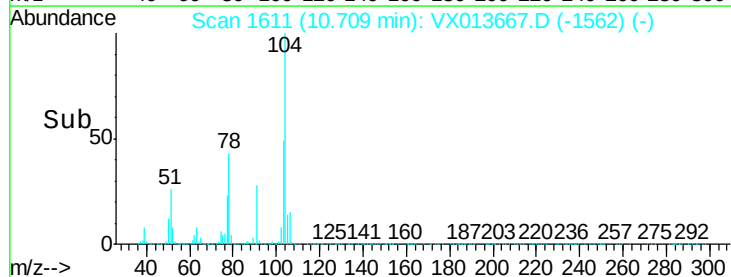
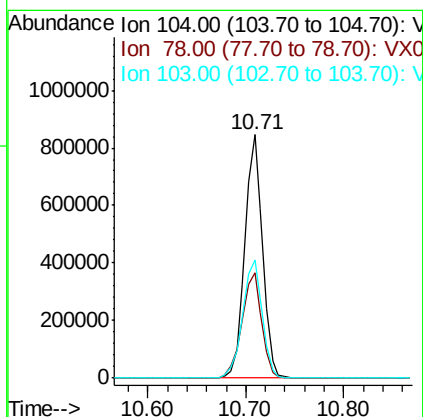
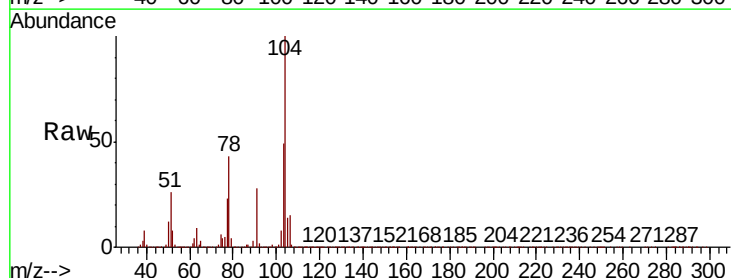
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

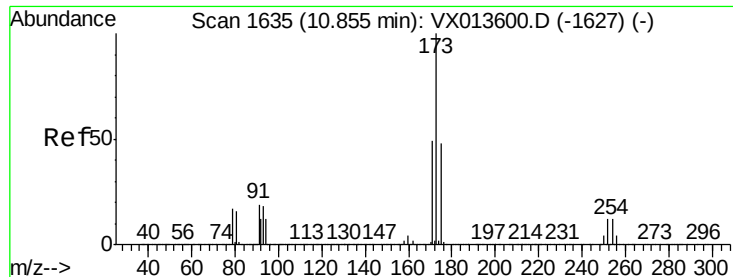
Tot Ion:106 Resp: 614833
Ion Ratio Lower Upper
106 100
91 209.2 104.1 312.2



#70
Styrene
Concen: 51.531 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion:104 Resp: 1057888
Ion Ratio Lower Upper
104 100
78 48.3 38.5 57.7
103 53.9 43.7 65.5





#71

Bromoform

Concen: 51.700 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

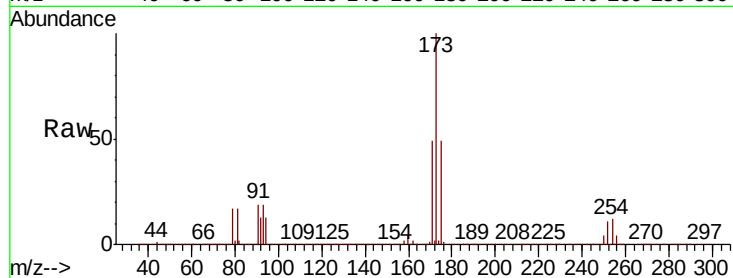
Tot Ion:173 Resp: 292166

Ion Ratio Lower Upper

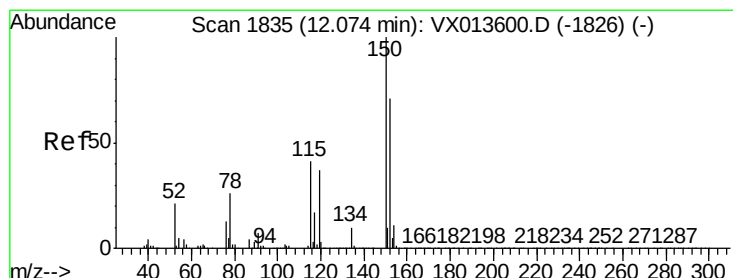
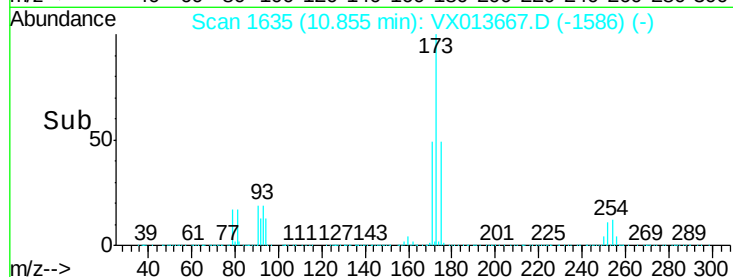
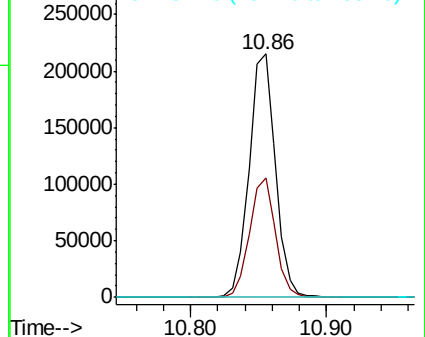
173 100

175 48.1 24.3 72.8

254 0.2 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

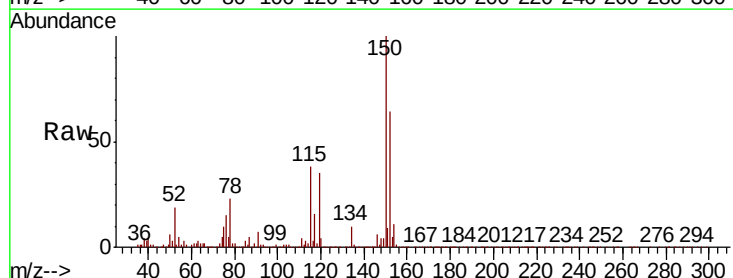
Tgt Ion:152 Resp: 453108

Ion Ratio Lower Upper

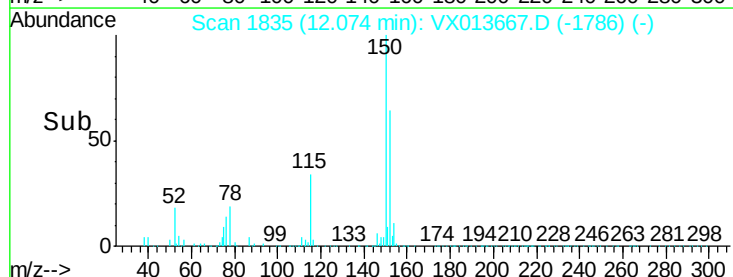
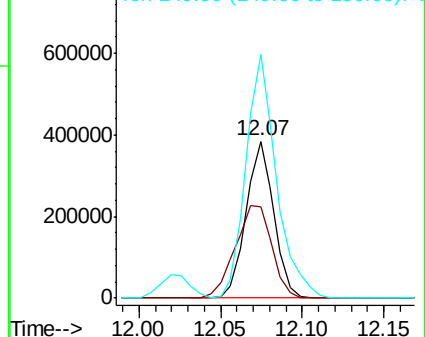
152 100

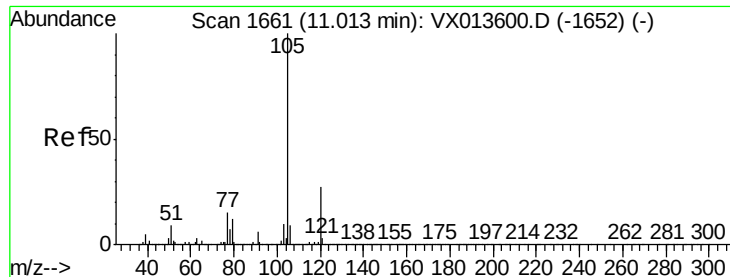
115 78.5 38.4 115.1

150 171.8 0.0 346.8



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: 50.563 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

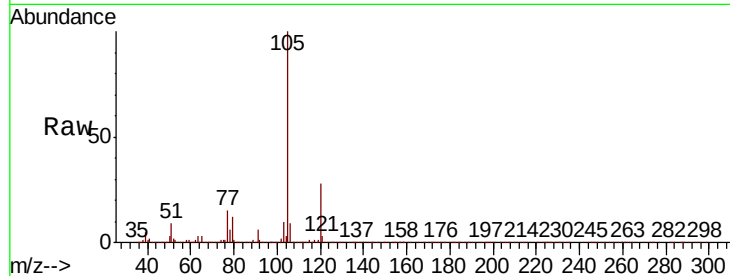
VSTDCCC050

Tot Ion:105 Resp: 1607095

Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

1500000 Ion 120.00 (119.70 to 120.70): V

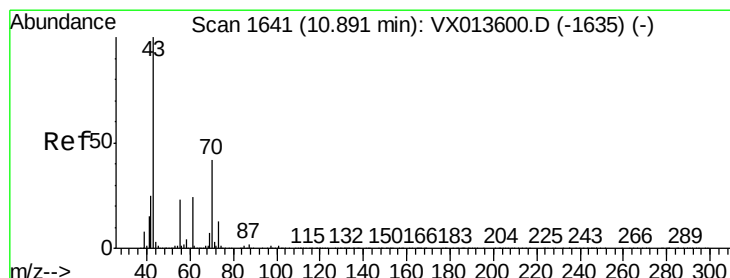
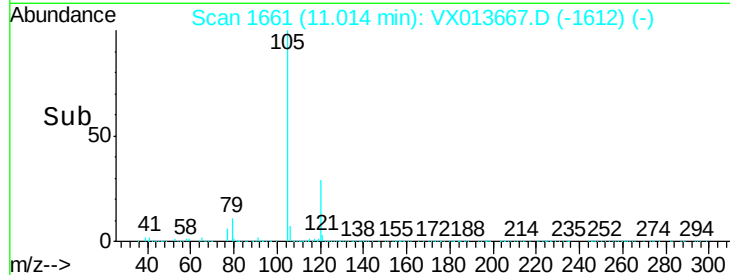
11.01

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 52.214 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Tgt Ion: 43 Resp: 760228

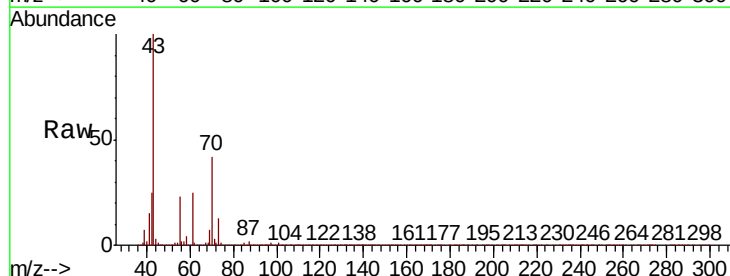
Ion Ratio Lower Upper

43 100

70 43.1 34.3 51.5

55 23.8 18.5 27.7

61 25.1 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

1000000 Ion 70.00 (69.70 to 70.70): VX0

800000 Ion 55.00 (54.70 to 55.70): VX0

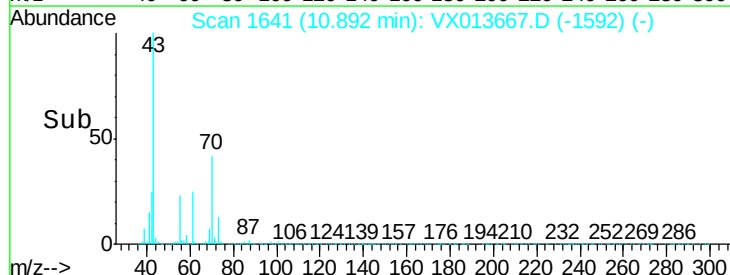
600000 Ion 61.00 (60.70 to 61.70): VX0

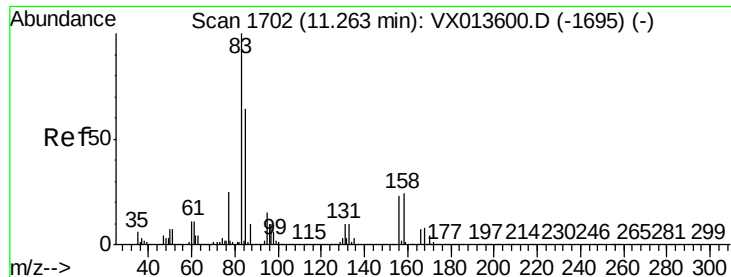
400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.296 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

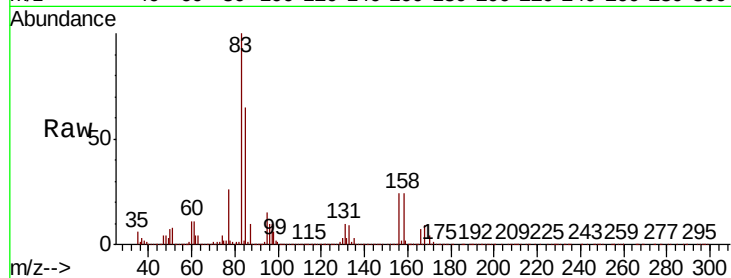
Tot Ion: 83 Resp: 565407

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

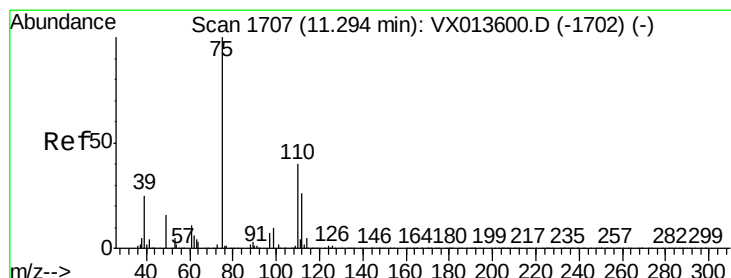
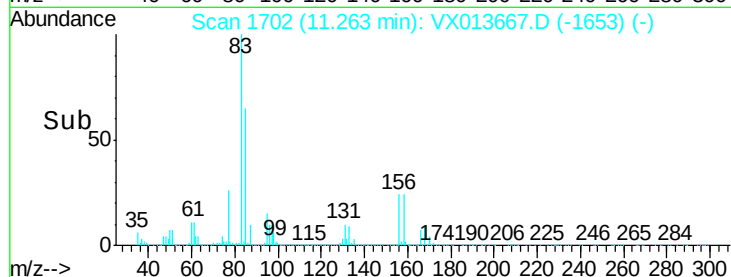
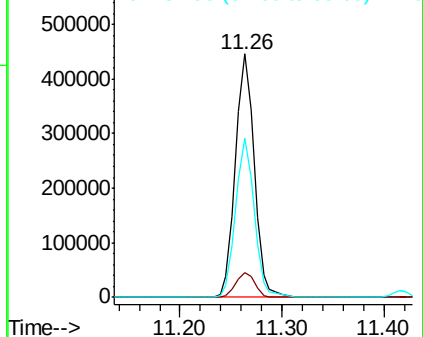
85 64.7 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.174 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013667.D

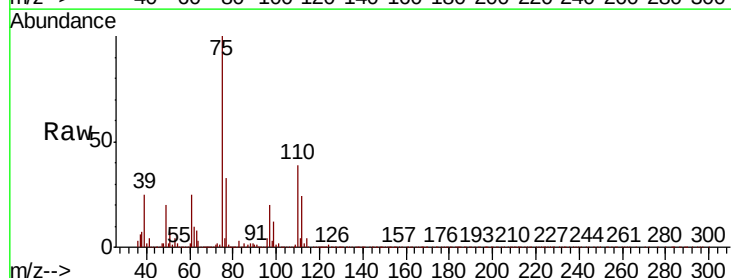
Acq: 27 Nov 2019 21:41

Tgt Ion: 75 Resp: 623432

Ion Ratio Lower Upper

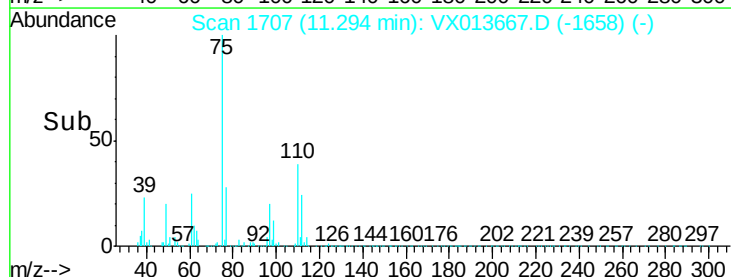
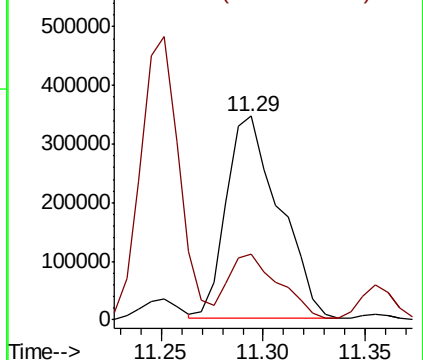
75 100

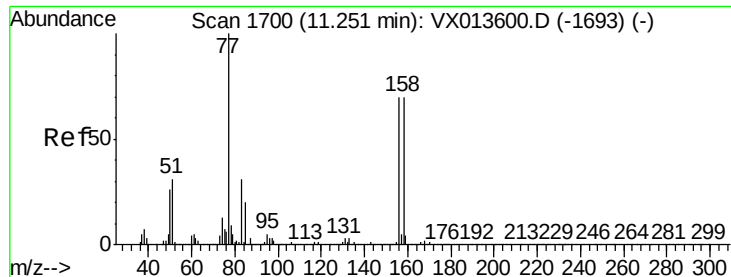
77 31.1 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.486 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

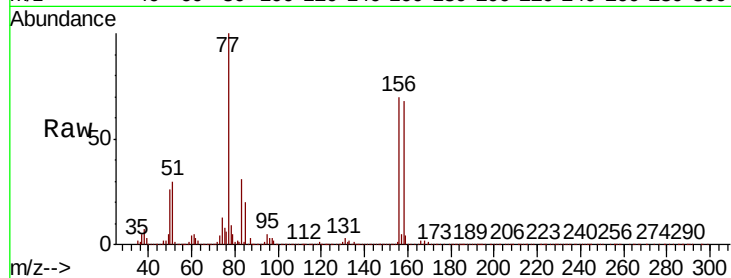
Tot Ion:156 Resp: 424915

Ion	Ratio	Lower	Upper
156	100		
77	149.4	74.4	223.1
158	97.2	48.9	146.6

156 100

77 149.4 74.4 223.1

158 97.2 48.9 146.6



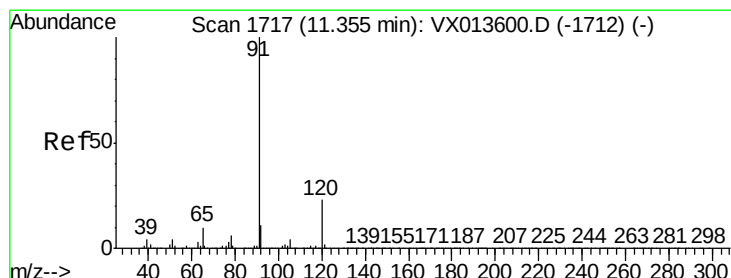
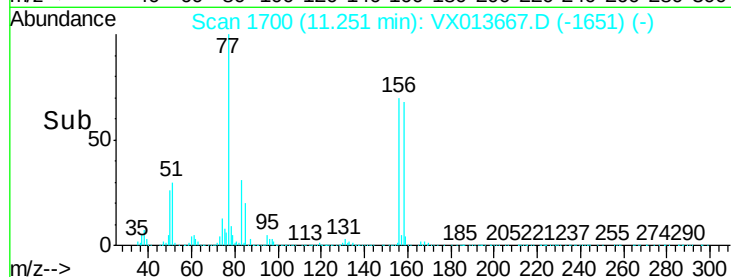
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

11.25

Time-->



#78

n-propylbenzene

Concen: 51.365 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013667.D

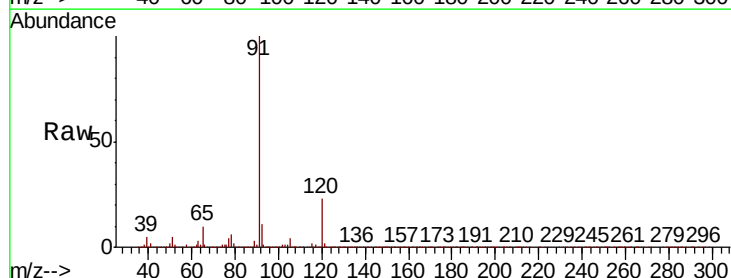
Acq: 27 Nov 2019 21:41

Tgt Ion: 91 Resp: 1822472

Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.8	35.3

91 100

120 23.6 11.8 35.3

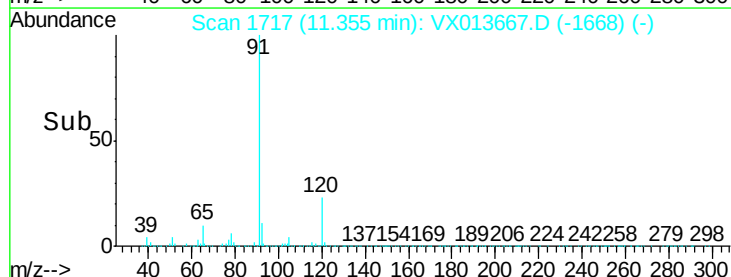


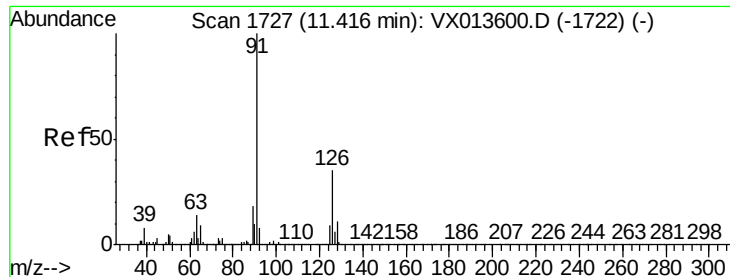
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.35

Time-->





#79

2-Chlorotoluene

Concen: 50.602 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

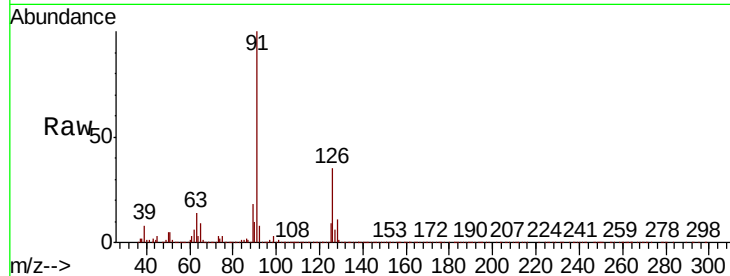
VSTDCCC050

Tot Ion: 91 Resp: 1077000

Ion Ratio Lower Upper

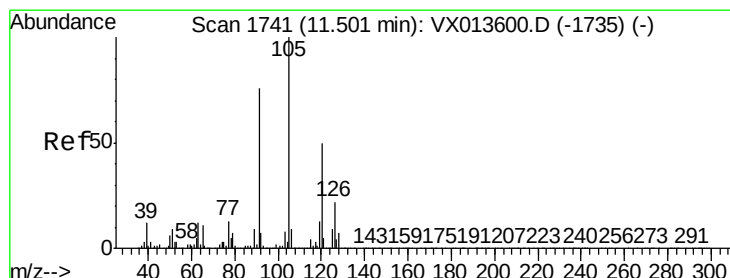
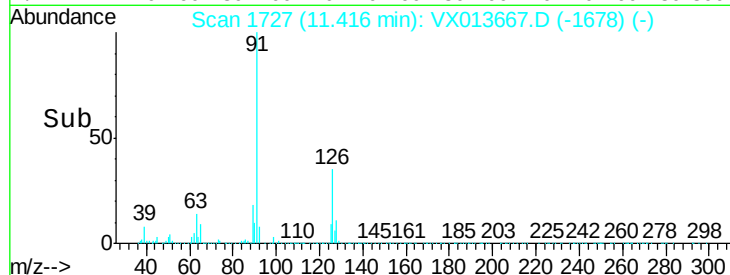
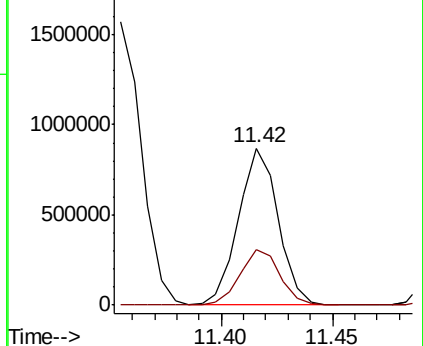
91 100

126 35.4 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.803 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013667.D

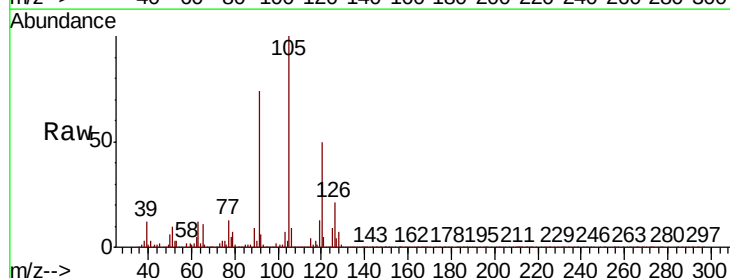
Acq: 27 Nov 2019 21:41

Tgt Ion:105 Resp: 1349444

Ion Ratio Lower Upper

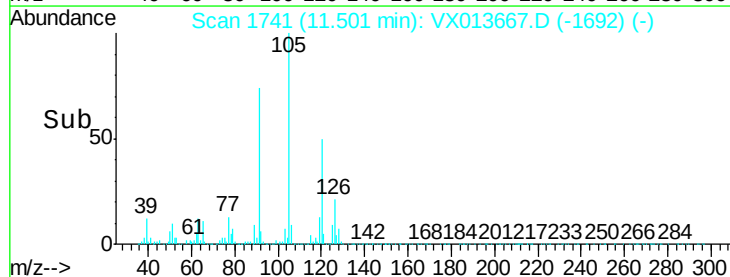
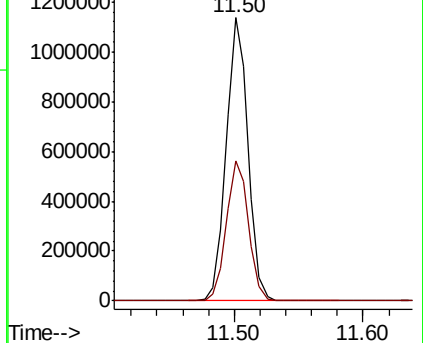
105 100

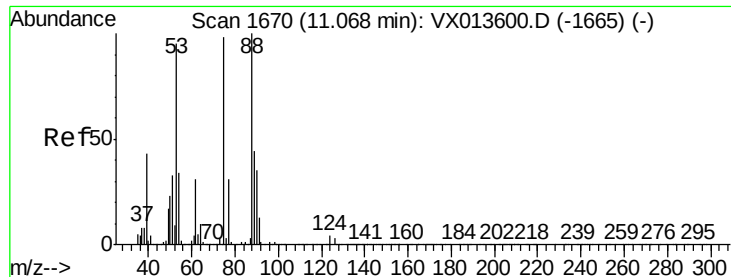
120 50.3 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 49.197 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

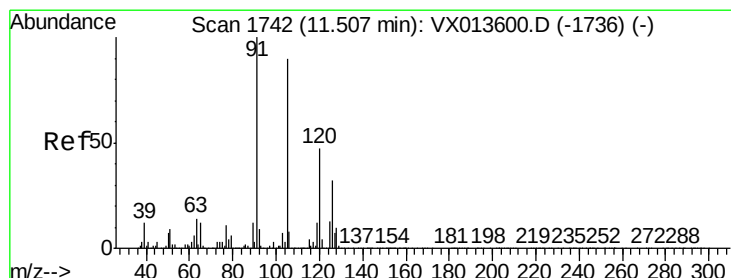
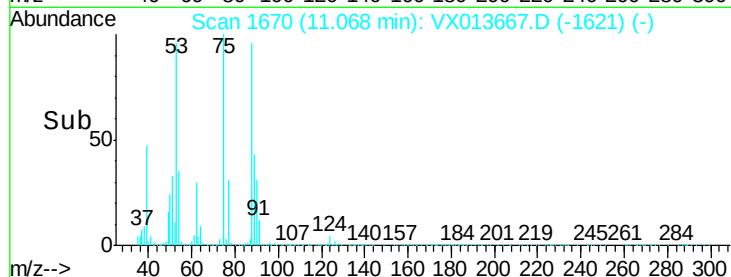
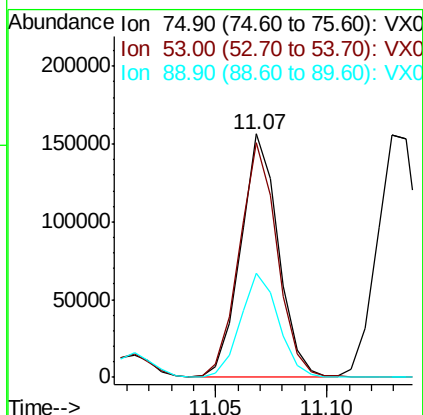
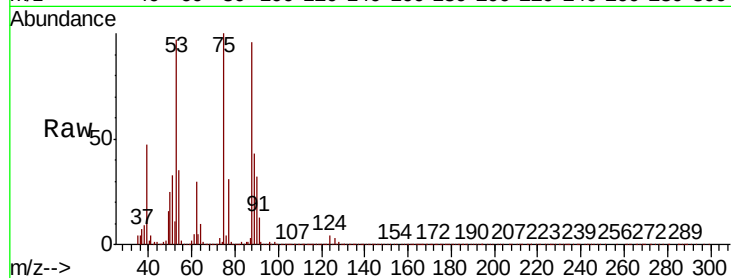
Tot Ion: 75 Resp: 183262

Ion Ratio Lower Upper

75 100

53 97.0 78.2 117.2

89 43.2 35.4 53.2



#82

4-Chlorotoluene

Concen: 50.314 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013667.D

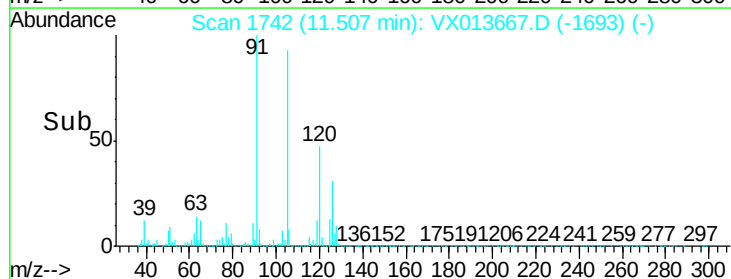
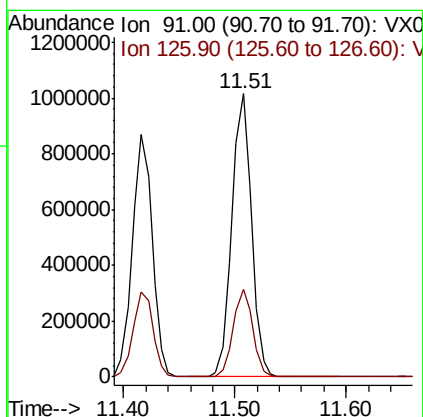
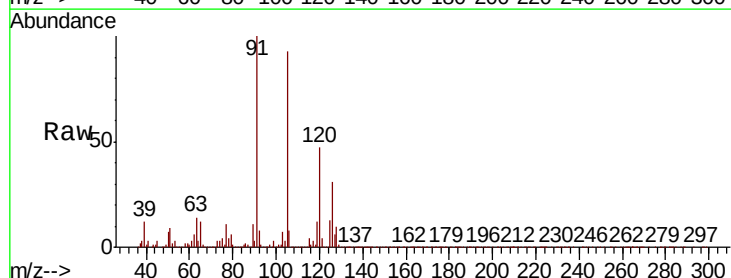
Acq: 27 Nov 2019 21:41

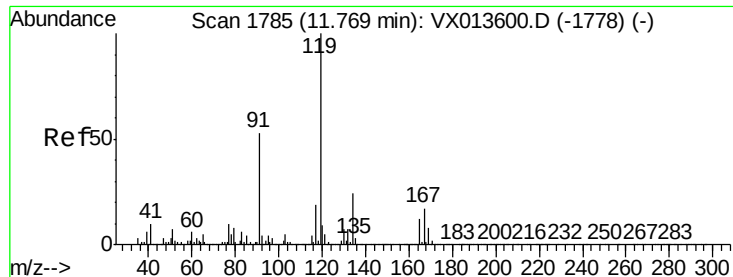
Tgt Ion: 91 Resp: 1240290

Ion Ratio Lower Upper

91 100

126 30.7 15.7 47.0



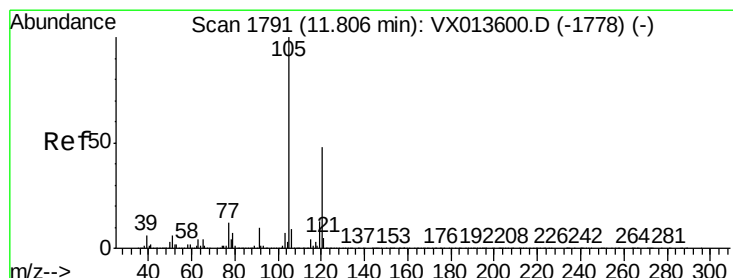
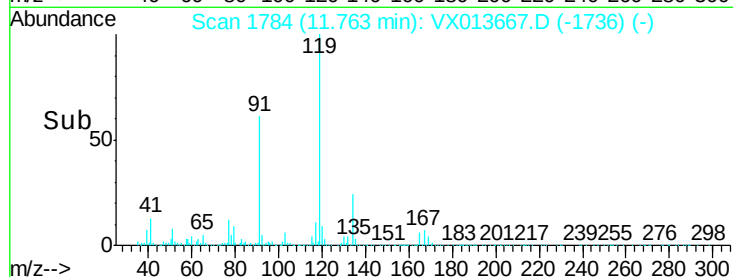
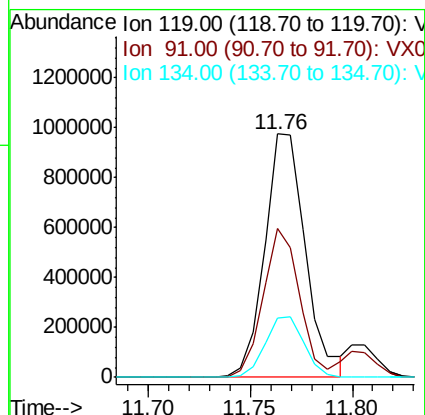
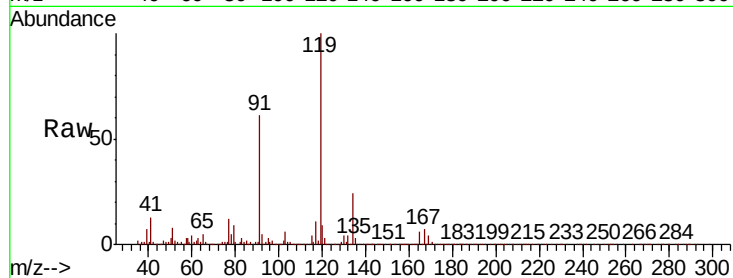


#83
 tert-Butylbenzene
 Concen: 51.237 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 1356457

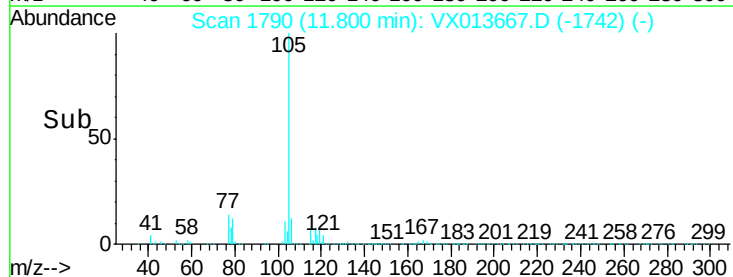
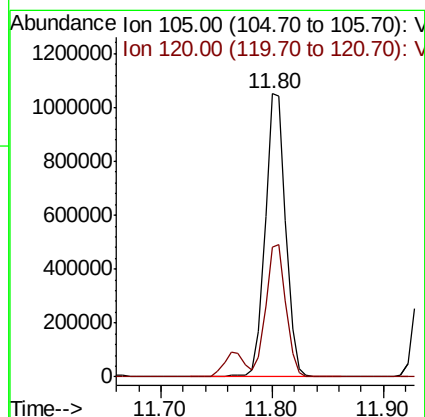
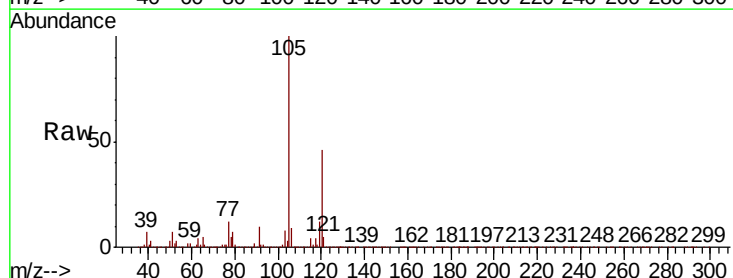
Ion	Ratio	Lower	Upper
119	100		
91	54.6	27.2	81.6
134	23.8	11.7	35.1

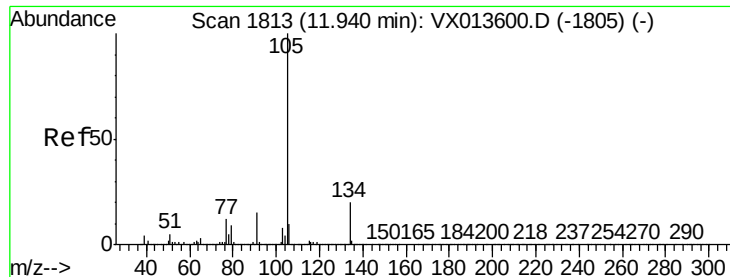


#84
 1,2,4-Trimethylbenzene
 Concen: 51.239 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

Tgt Ion:105 Resp: 1354642

Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.1	69.3





#85

sec-Butylbenzene

Concen: 51.266 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

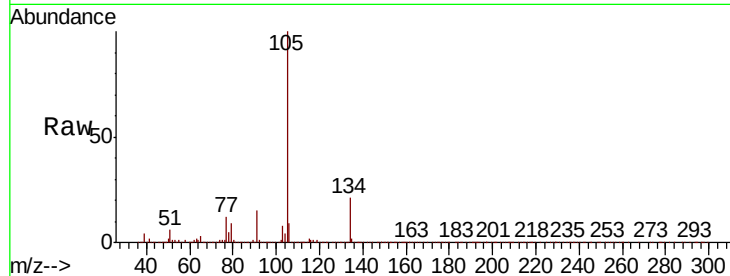
VSTDCCC050

Tot Ion:105 Resp: 1550251

Ion Ratio Lower Upper

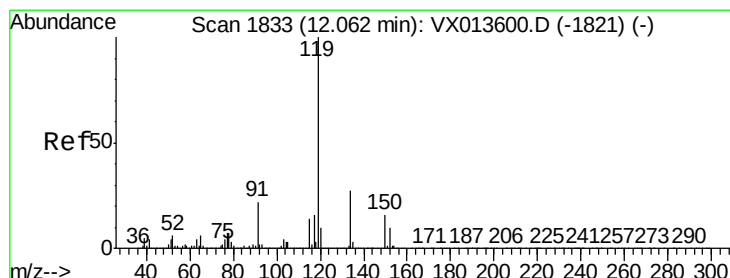
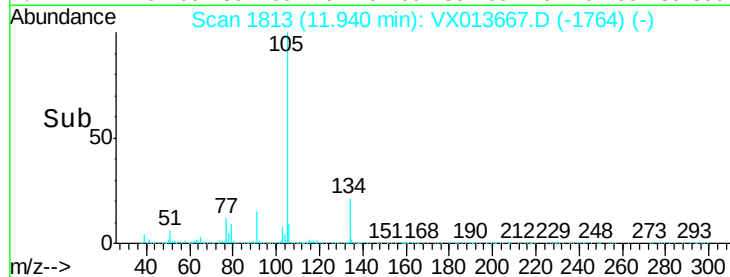
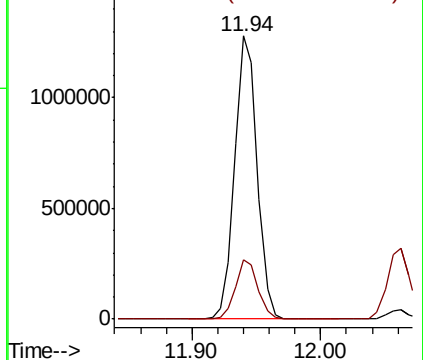
105 100

134 20.7 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.435 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

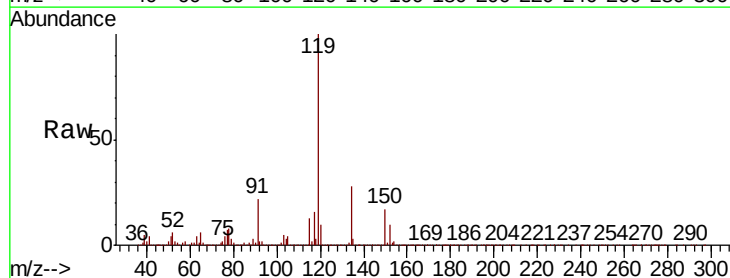
Tgt Ion:119 Resp: 1418816

Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.9

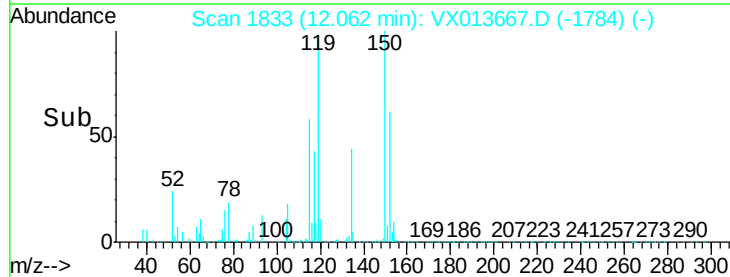
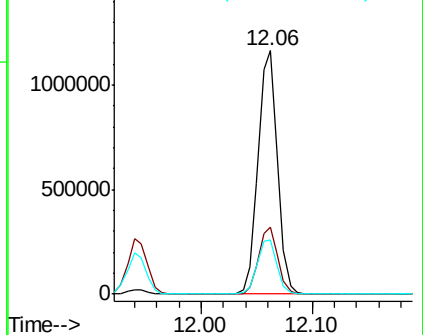
91 22.4 11.3 33.8

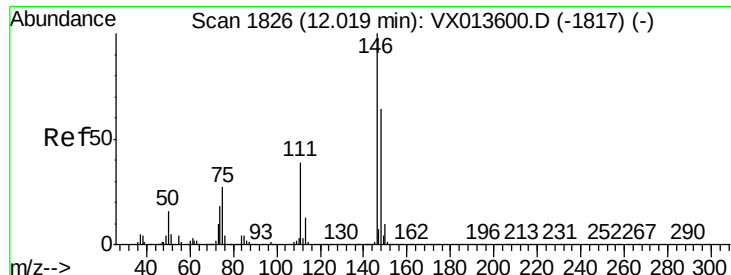


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.579 ug/l

RT: 12.02 min Scan# 1826

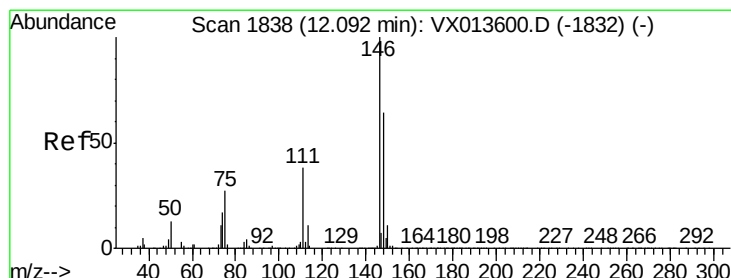
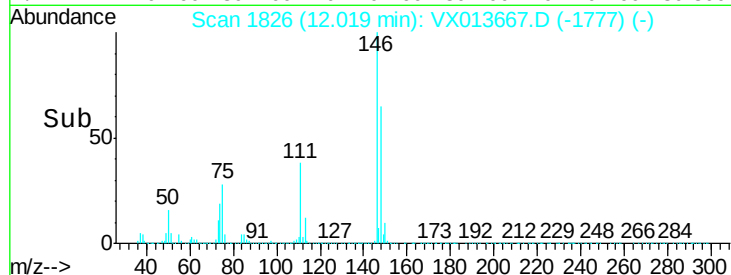
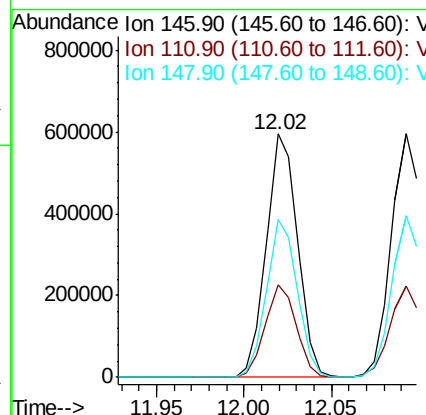
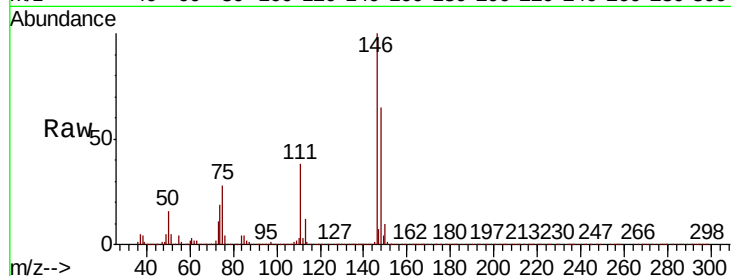
Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.0	57.0
148	63.8	31.8	95.4



#88

1,4-Dichlorobenzene

Concen: 48.232 ug/l

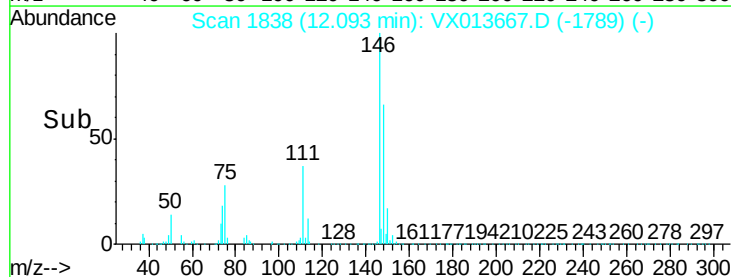
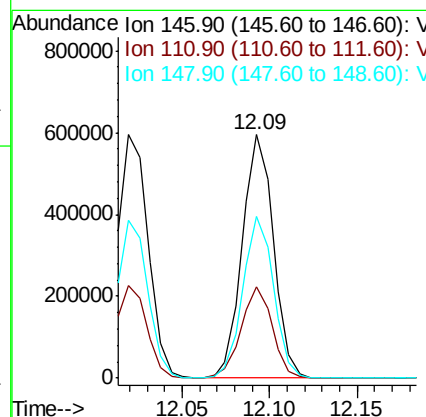
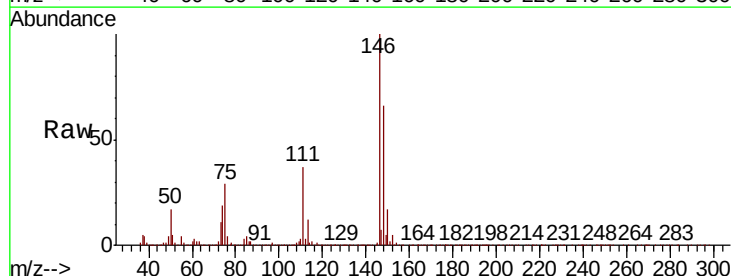
RT: 12.09 min Scan# 1838

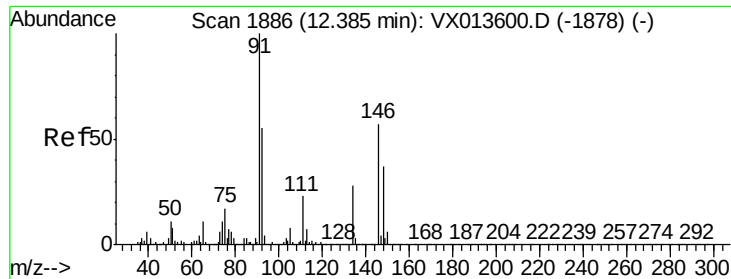
Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.9
148	65.5	31.9	95.5

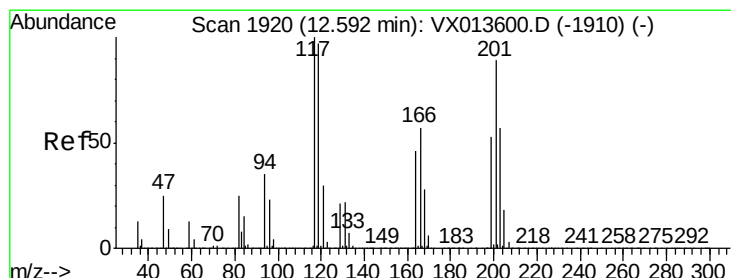
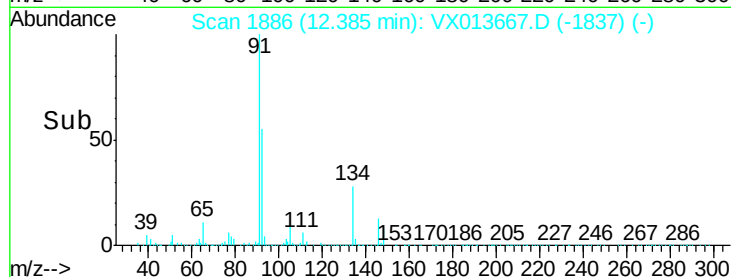
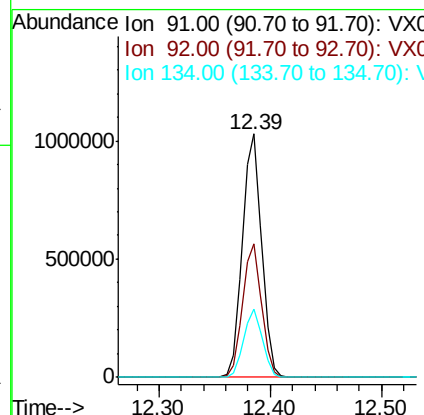
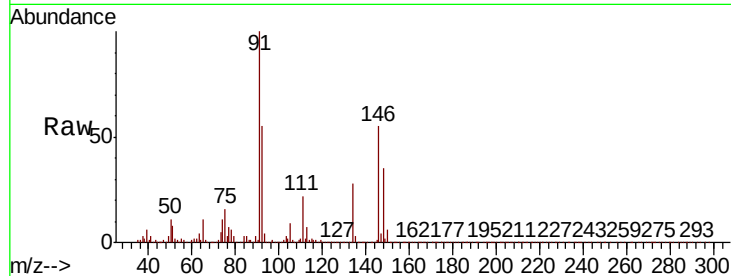




#89
n-Butylbenzene
Concen: 51.121 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

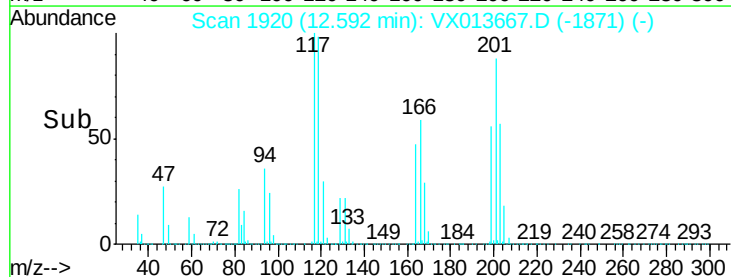
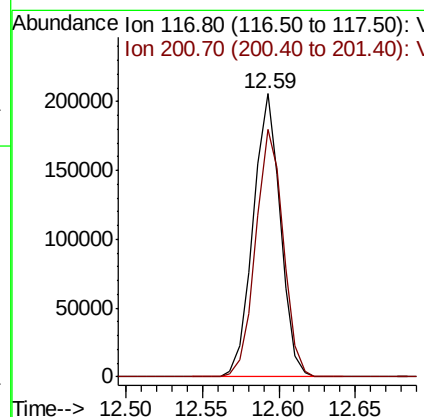
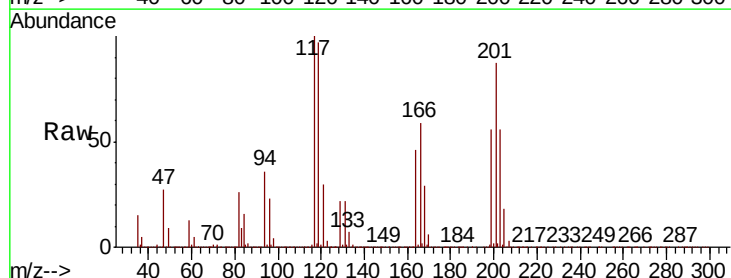
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

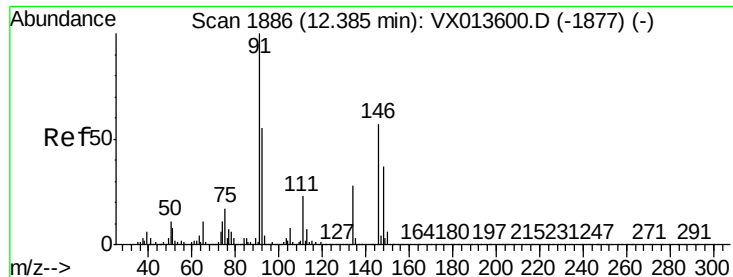
Tot Ion: 91 Resp: 1226573
Ion Ratio Lower Upper
91 100
92 54.3 27.4 82.2
134 27.4 13.5 40.4



#90
Hexachloroethane
Concen: 49.852 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013667.D
Acq: 27 Nov 2019 21:41

Tgt Ion: 117 Resp: 253488
Ion Ratio Lower Upper
117 100
201 89.0 44.1 132.4

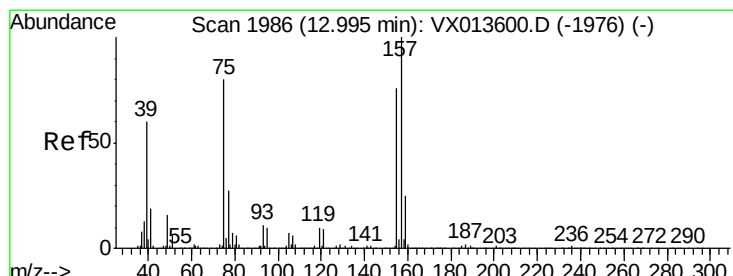
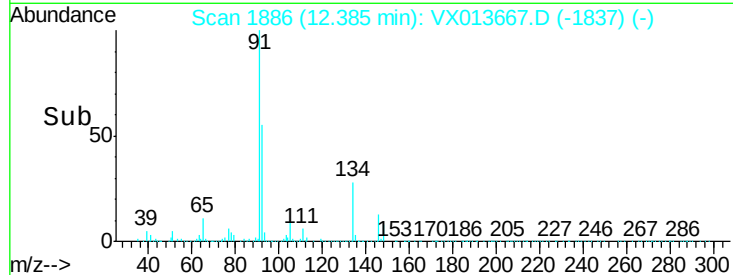
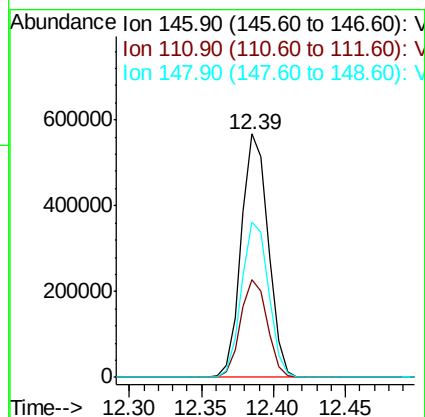
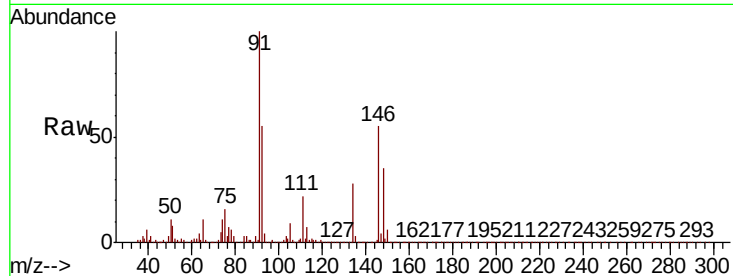




#91
 1,2-Dichlorobenzene
 Concen: 49.977 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

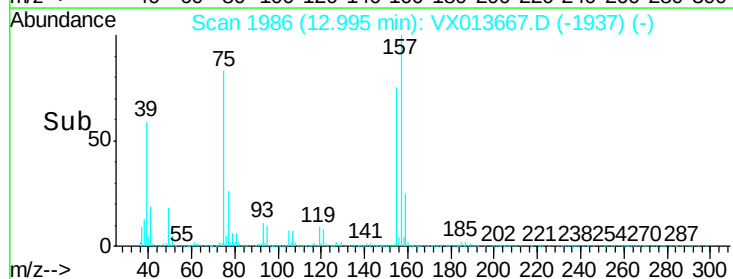
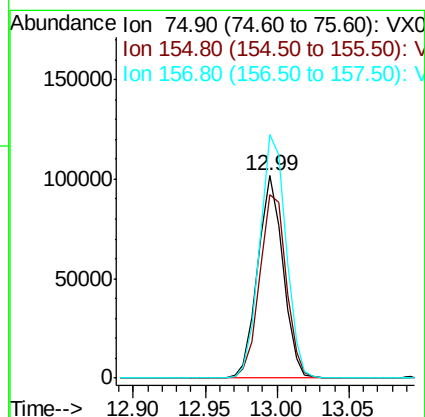
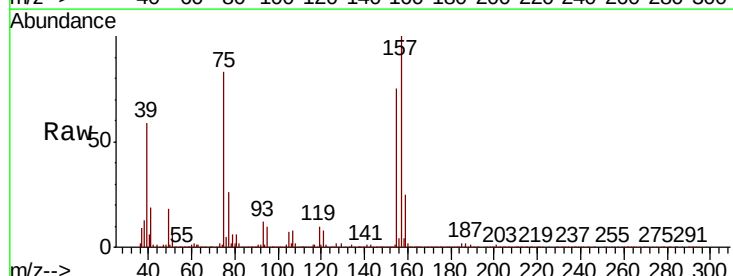
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

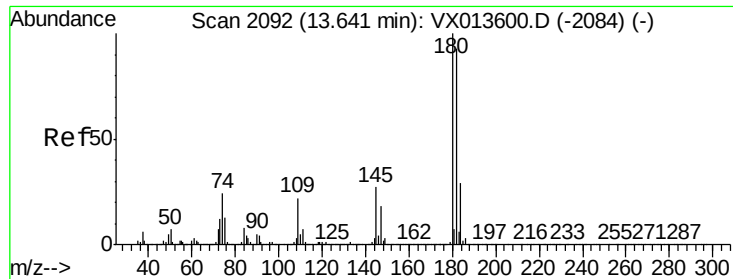
Tot Ion:146 Resp: 739093
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.6 58.7
 148 64.2 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.848 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013667.D
 Acq: 27 Nov 2019 21:41

Tgt Ion: 75 Resp: 122050
 Ion Ratio Lower Upper
 75 100
 155 96.5 47.6 142.8
 157 126.2 62.1 186.2





#93

1,2,4-Trichlorobenzene

Concen: 48.503 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

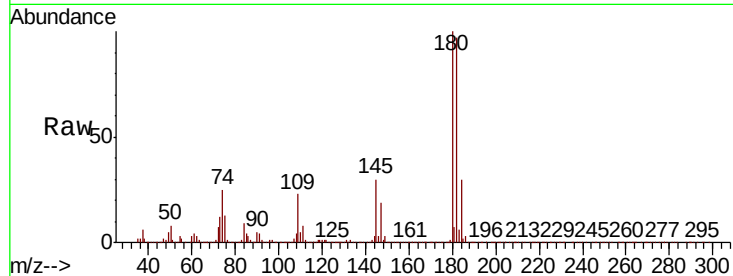
Tot Ion:180 Resp: 499898

Ion Ratio Lower Upper

180 100

182 96.4 47.2 141.6

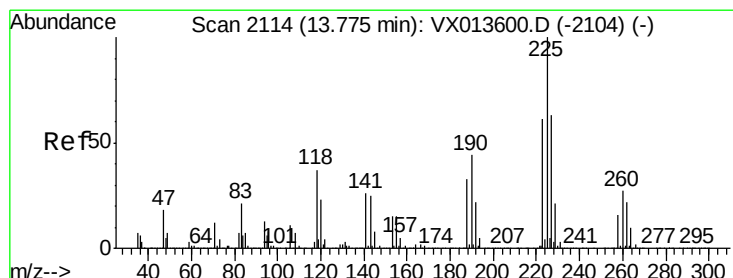
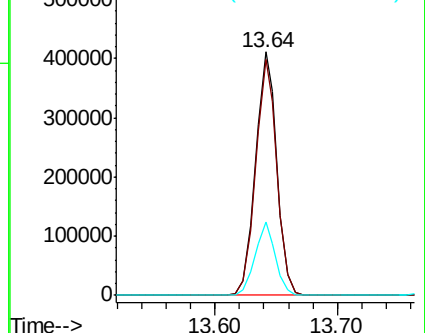
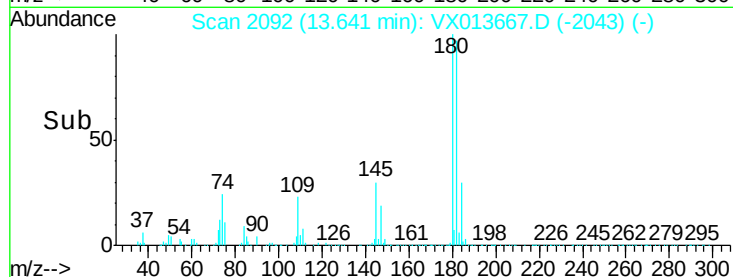
145 29.0 13.8 41.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 47.425 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. 0.01 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

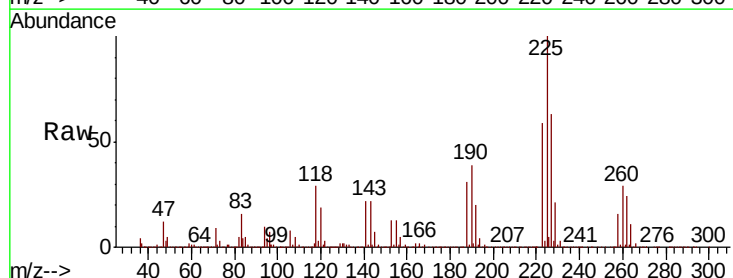
Tgt Ion:225 Resp: 234805

Ion Ratio Lower Upper

225 100

223 61.8 31.9 95.5

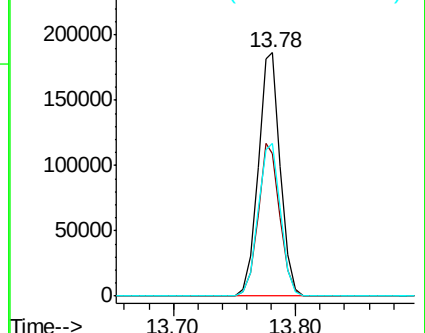
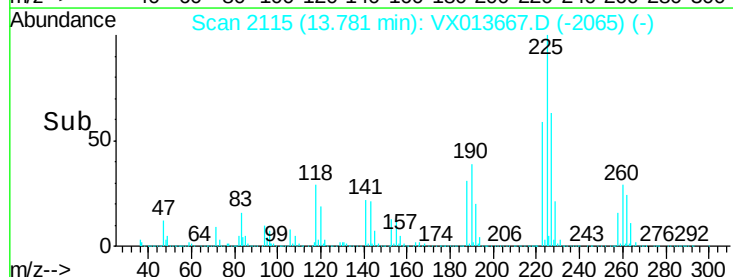
227 64.0 32.1 96.3

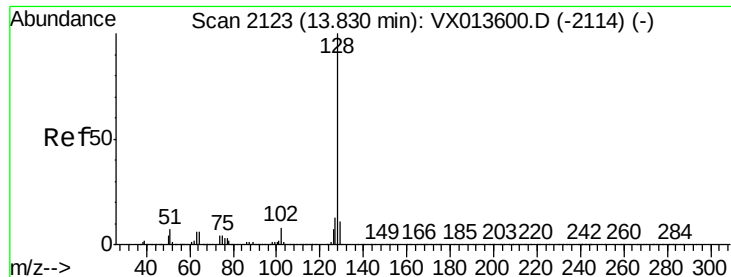


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 52.357 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

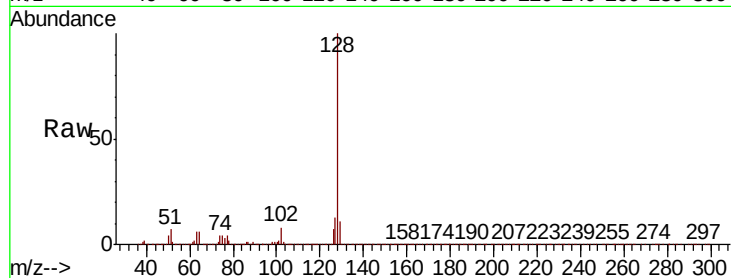
Tot Ion:128 Resp: 1607018

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

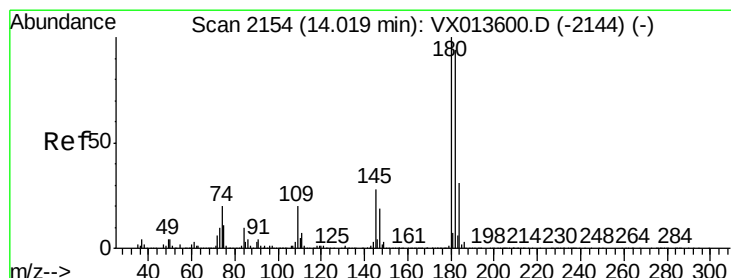
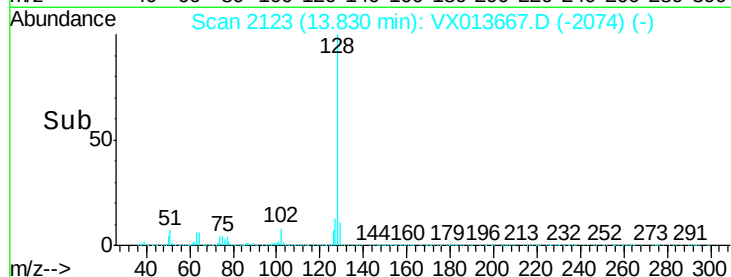
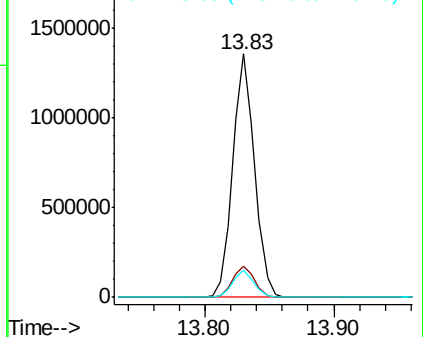
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.651 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013667.D

Acq: 27 Nov 2019 21:41

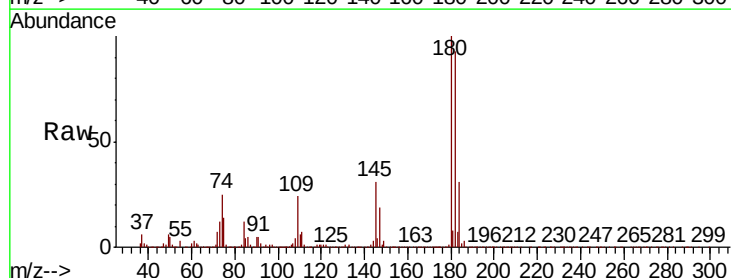
Tgt Ion:180 Resp: 516881

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.8

145 30.1 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

