

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102519\
 Data File : VX013234.D
 Acq On : 25 Oct 2019 16:27
 Operator : JC/SP
 Sample : K5546-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MSD

Quant Time: Oct 25 23:05:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	76642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	110733	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	112934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	76011	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	82282	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
35) Dibromofluoromethane	5.48	113	64624	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
50) Toluene-d8	8.71	98	233912	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	11.13	95	91186	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	76180	49.260	ug/l	99
3) Chloromethane	1.32	50	60554	47.595	ug/l	98
4) Vinyl Chloride	1.40	62	65948	47.385	ug/l	99
5) Bromomethane	1.63	94	35139	47.635	ug/l	98
6) Chloroethane	1.71	64	41051	52.852	ug/l	100
7) Trichlorofluoromethane	1.92	101	117075	53.289	ug/l	96
8) Diethyl Ether	2.18	74	38535	51.160	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	67939	49.951	ug/l	98
10) Methyl Iodide	2.50	142	87813	51.159	ug/l	100
11) Tert butyl alcohol	3.03	59	89913	258.587	ug/l	100
12) 1,1-Dichloroethene	2.36	96	64775	49.613	ug/l	98
13) Acrolein	2.28	56	50869	270.472	ug/l	96
14) Allyl chloride	2.72	41	99828	48.568	ug/l	99
15) Acrylonitrile	3.13	53	178716	252.935	ug/l	100
16) Acetone	2.44	43	162484	215.151	ug/l	99
17) Carbon Disulfide	2.56	76	160522	45.732	ug/l	99
18) Methyl Acetate	2.76	43	84305	51.102	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	241129	52.446	ug/l	100
20) Methylene Chloride	2.84	84	72908	51.615	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	69626	51.242	ug/l	87
22) Diisopropyl ether	3.84	45	202820	50.466	ug/l	97
23) Vinyl Acetate	3.80	43	870788	254.919	ug/l	99
24) 1,1-Dichloroethane	3.69	63	126216	51.058	ug/l	99
25) 2-Butanone	4.66	43	242691	239.621	ug/l	99
26) 2,2-Dichloropropane	4.57	77	108108	47.320	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	80723	50.485	ug/l	97
28) Bromochloromethane	5.00	49	34779	54.562	ug/l	98
29) Tetrahydrofuran	5.12	42	149433	244.777	ug/l	98
30) Chloroform	5.20	83	137225	52.138	ug/l	96
31) Cyclohexane	5.57	56	102973	49.671	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	125138	53.474	ug/l	99
36) 1,1-Dichloropropene	5.79	75	97269	52.480	ug/l	100
37) Ethyl Acetate	4.82	43	92617	50.191	ug/l	99
38) Carbon Tetrachloride	5.78	117	107384	52.465	ug/l	94

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	110445	46.590	ug/l	98
40) Benzene	6.13	78	281849	50.674	ug/l	99
41) Methacrylonitrile	5.03	41	51431	51.986	ug/l	98
42) 1,2-Dichloroethane	6.19	62	113758	54.246	ug/l	100
43) Isopropyl Acetate	6.43	43	157317	51.348	ug/l	99
44) Trichloroethene	7.20	130	79532	50.382	ug/l	98
45) 1,2-Dichloropropane	7.51	63	69177	49.658	ug/l	100
46) Dibromomethane	7.65	93	51624	51.436	ug/l	99
47) Bromodichloromethane	7.89	83	106501	54.450	ug/l	96
48) Methyl methacrylate	7.76	41	77947	51.475	ug/l	98
49) 1,4-Dioxane	7.73	88	37887	983.060	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	486129	260.318	ug/l	100
52) Toluene	8.78	92	182942	49.631	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	113723	54.713	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	119594	52.597	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	75693	51.940	ug/l	98
56) Ethyl methacrylate	9.17	69	119249	54.368	ug/l	99
57) 1,3-Dichloropropane	9.37	76	125836	51.175	ug/l	100
59) 2-Hexanone	9.49	43	372585	259.013	ug/l	98
60) Dibromochloromethane	9.57	129	85009	55.669	ug/l	100
61) 1,2-Dibromoethane	9.67	107	81764	52.850	ug/l	100
64) Tetrachloroethene	9.33	164	75140	54.081	ug/l	96
65) Chlorobenzene	10.14	112	196810	49.783	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	79423	54.384	ug/l	97
67) Ethyl Benzene	10.25	91	361451	51.071	ug/l	98
68) m/p-Xylenes	10.36	106	268280	100.304	ug/l	99
69) o-Xylene	10.70	106	129367	50.421	ug/l	98
70) Styrene	10.71	104	224794	50.881	ug/l	99
71) Bromoform	10.85	173	59901	56.135	ug/l #	99
73) Isopropylbenzene	11.01	105	353261	51.179	ug/l	97
74) N-amyl acetate	10.89	43	134581	53.122	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	112941	53.888	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	129265	70.560	ug/l	87
77) Bromobenzene	11.25	156	83857	50.689	ug/l	98
78) n-propylbenzene	11.35	91	386318	51.524	ug/l	99
79) 2-Chlorotoluene	11.42	91	243569	51.415	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	306024	53.340	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35681	53.520	ug/l	99
82) 4-Chlorotoluene	11.51	91	274809	51.197	ug/l	99
83) tert-Butylbenzene	11.76	119	296944	52.313	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	305978	52.873	ug/l	99
85) sec-Butylbenzene	11.94	105	337885	52.308	ug/l	100
86) p-Isopropyltoluene	12.06	119	316973	52.232	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	151664	50.746	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	150264	49.381	ug/l	97
89) n-Butylbenzene	12.39	91	255713	51.510	ug/l	97
90) Hexachloroethane	12.59	117	54879	54.000	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	149157	50.753	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28408	54.506	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	88824	47.997	ug/l	97

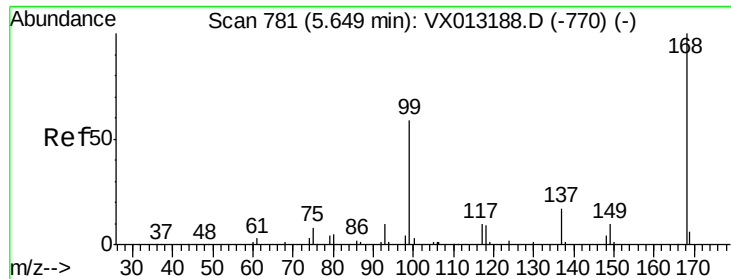
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102519\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	44182	46.153	ug/l	98
95) Naphthalene	13.83	128	297618	52.400	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	89253	48.807	ug/l	98

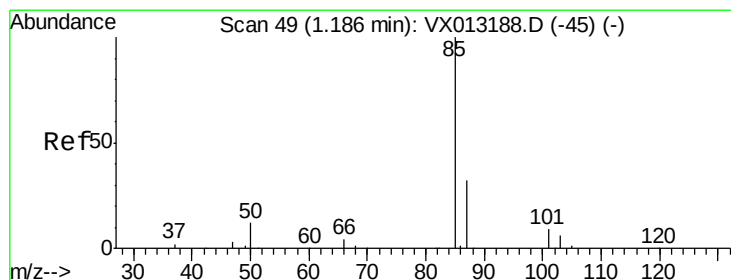
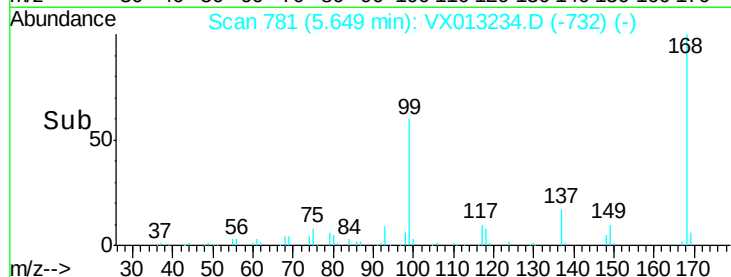
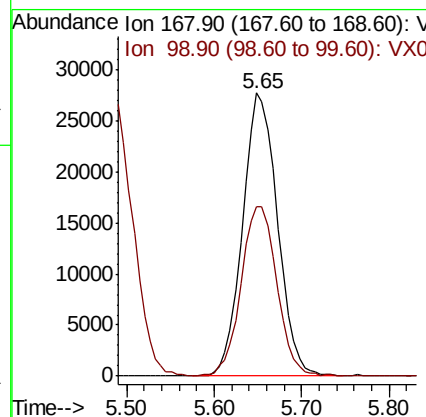
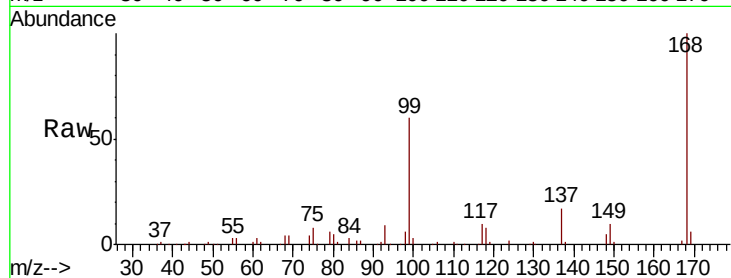
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX013234.D
Acq: 25 Oct 2019 16:27

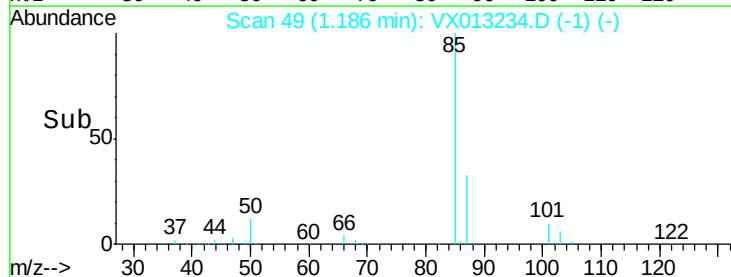
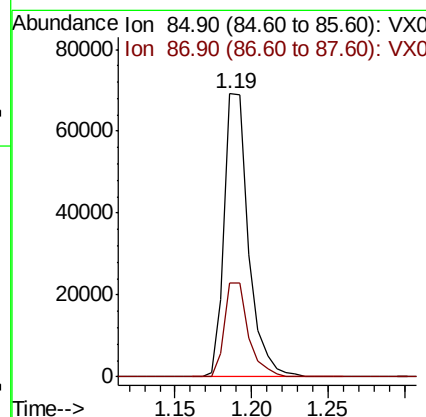
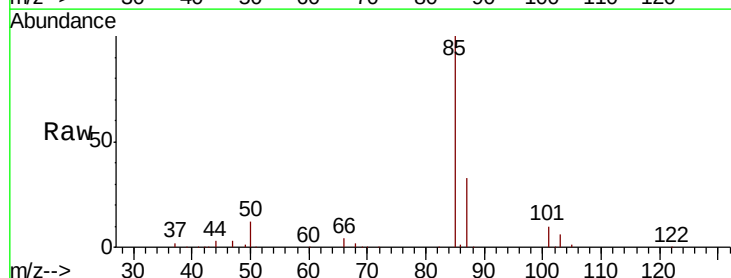
Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MSD

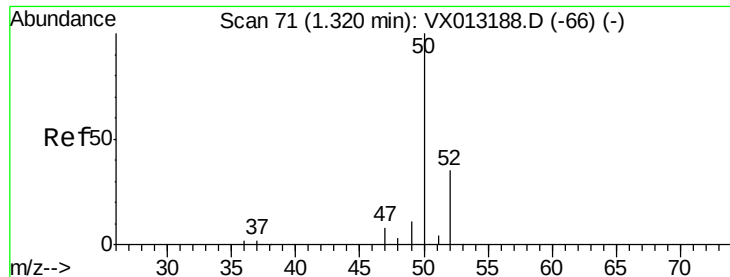
Tot Ion:168 Resp: 76642
Ion Ratio Lower Upper
168 100
99 59.9 47.0 70.4



#2
Dichlorodifluoromethane
Concen: 49.260 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.00 min
Lab File: VX013234.D
Acq: 25 Oct 2019 16:27

Tgt Ion: 85 Resp: 76180
Ion Ratio Lower Upper
85 100
87 33.2 16.2 48.6





#3

Chloromethane

Concen: 47.595 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

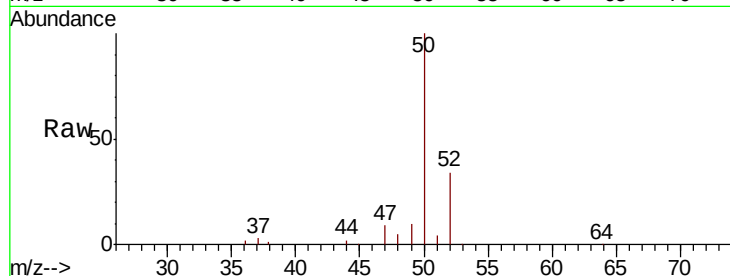
GW809-8.0-13.0-102419MSD

Tot Ion: 50 Resp: 60554

Ion Ratio Lower Upper

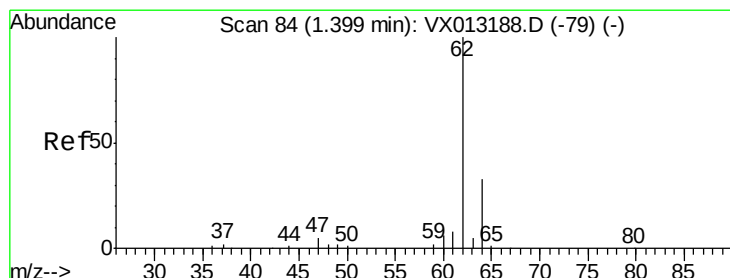
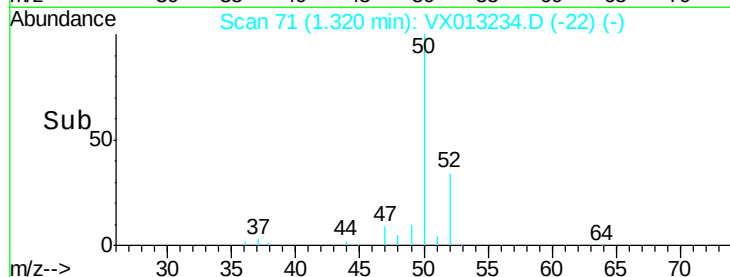
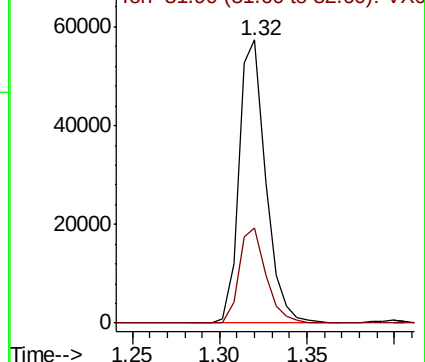
50 100

52 33.5 27.8 41.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.385 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013234.D

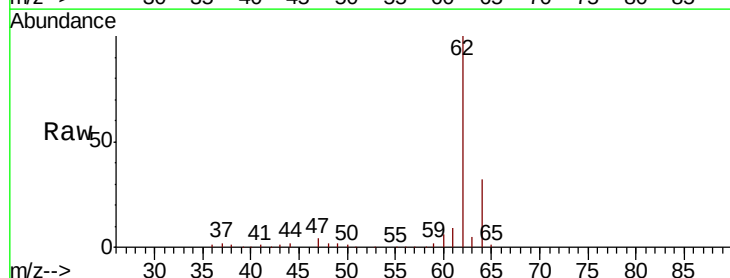
Acq: 25 Oct 2019 16:27

Tgt Ion: 62 Resp: 65948

Ion Ratio Lower Upper

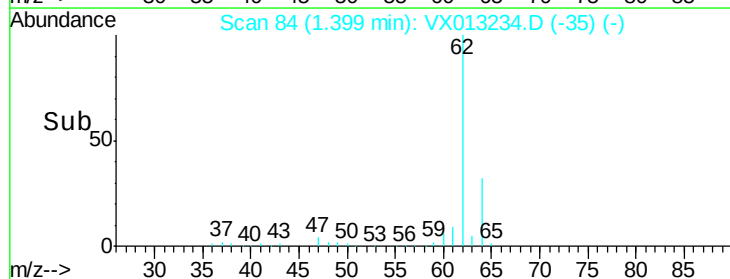
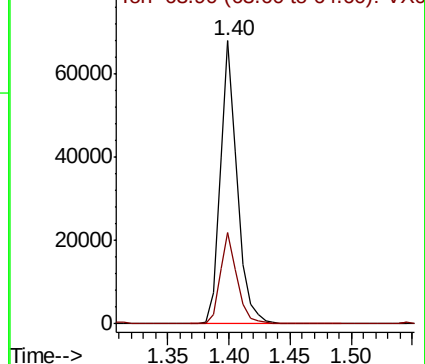
62 100

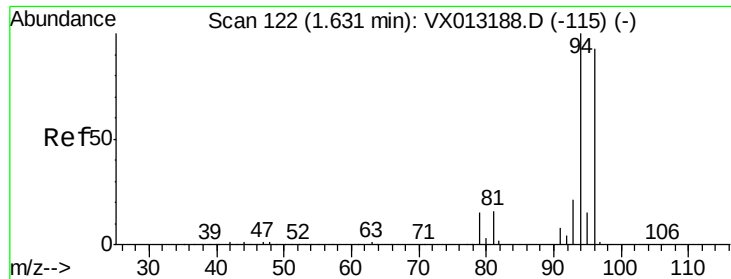
64 32.3 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

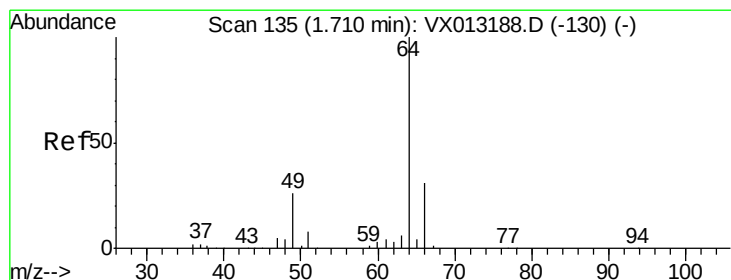
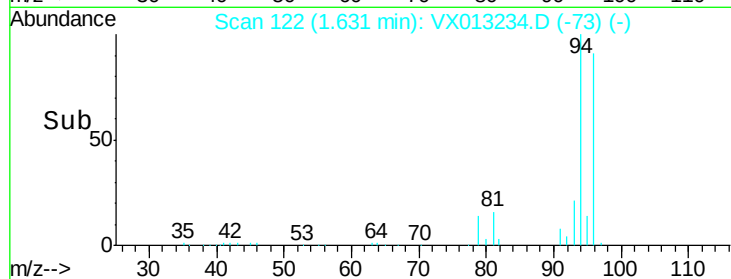
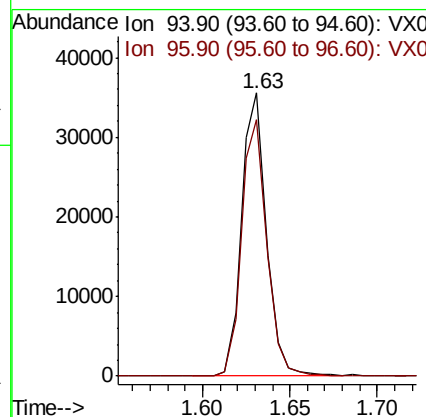
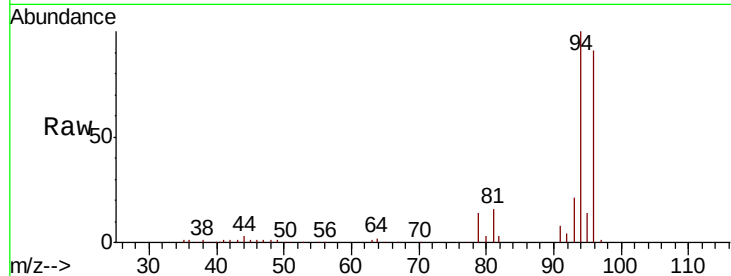




#5
 Bromomethane
 Concen: 47.635 ug/l
 RT: 1.63 min Scan# 122
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

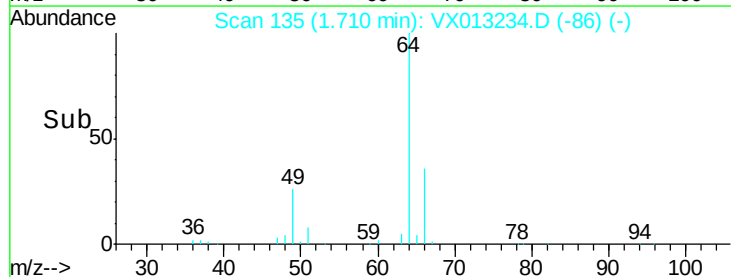
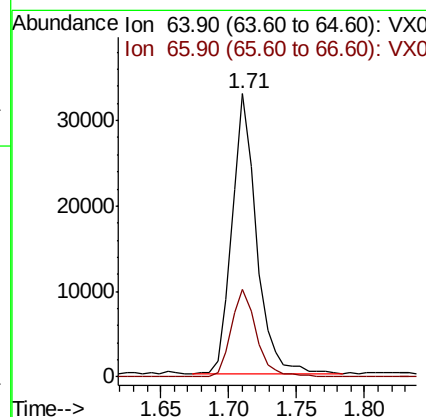
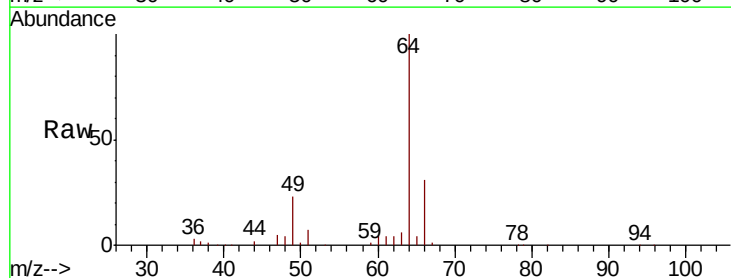
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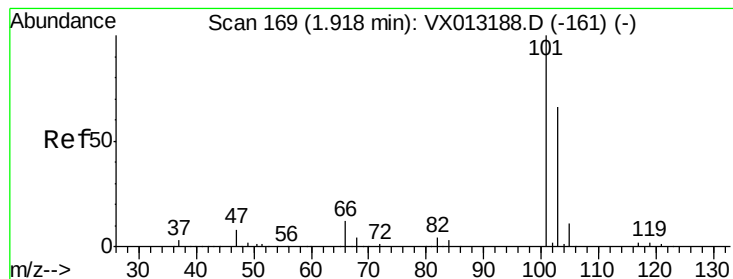
Tot Ion: 94 Resp: 35139
 Ion Ratio Lower Upper
 94 100
 96 90.6 74.2 111.2



#6
 Chloroethane
 Concen: 52.852 ug/l
 RT: 1.71 min Scan# 135
 Delta R.T. 0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

Tgt Ion: 64 Resp: 41051
 Ion Ratio Lower Upper
 64 100
 66 31.3 25.0 37.6



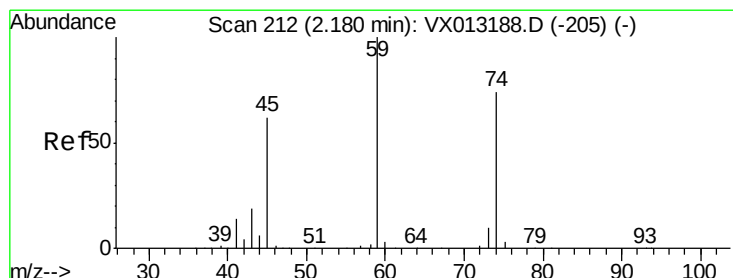
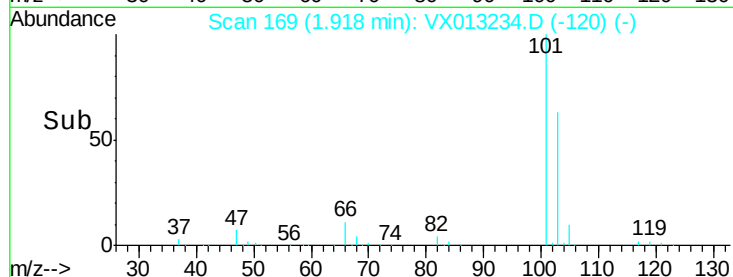
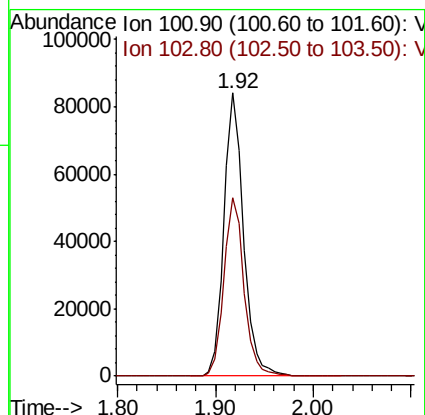
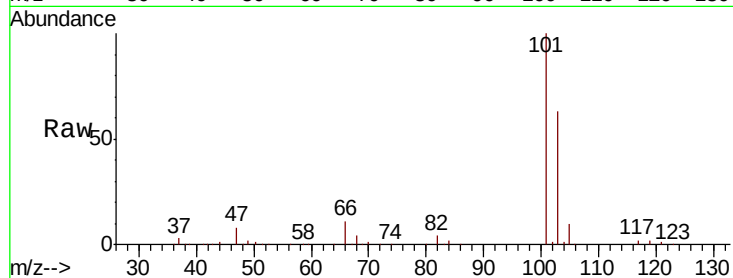


#7

Trichlorofluoromethane
Concen: 53.289 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013234.D
Acq: 25 Oct 2019 16:27

Instrument :
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ClientSampleId :
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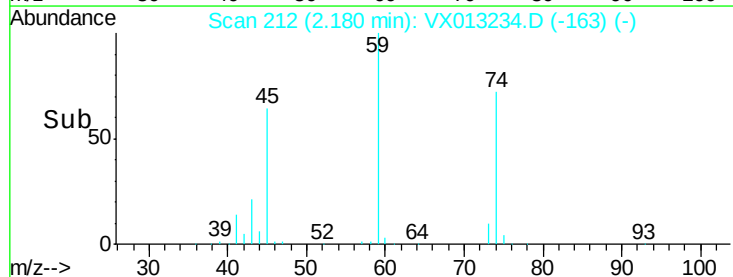
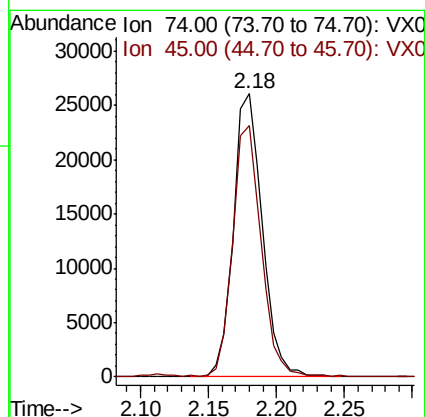
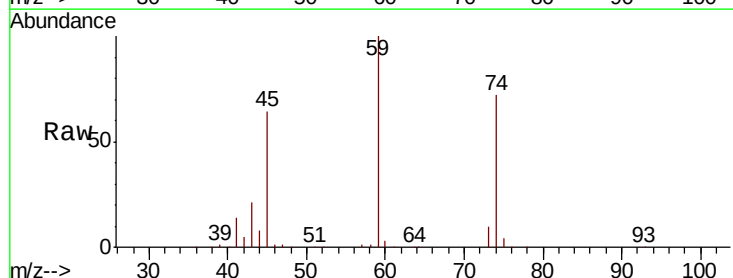
Tot Ion:101 Resp: 117075
Ion Ratio Lower Upper
101 100
103 63.2 53.0 79.6

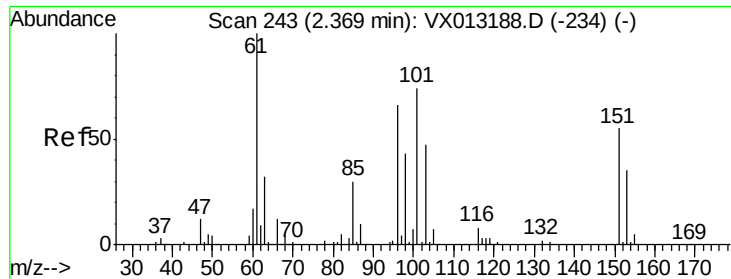


#8

Diethyl Ether
Concen: 51.160 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013234.D
Acq: 25 Oct 2019 16:27

Tgt Ion: 74 Resp: 38535
Ion Ratio Lower Upper
74 100
45 88.0 44.8 134.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.951 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

GW809-8.0-13.0-102419MSD

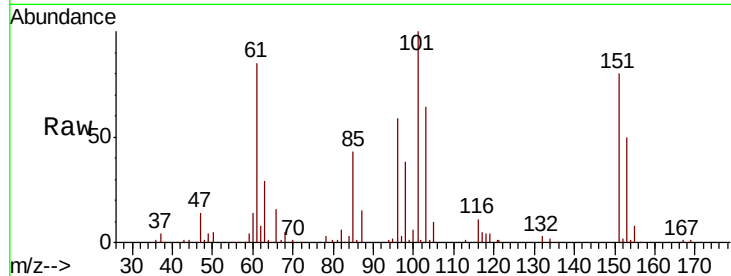
Tot Ion:101 Resp: 67939

Ion Ratio Lower Upper

101 100

85 43.6 34.0 51.0

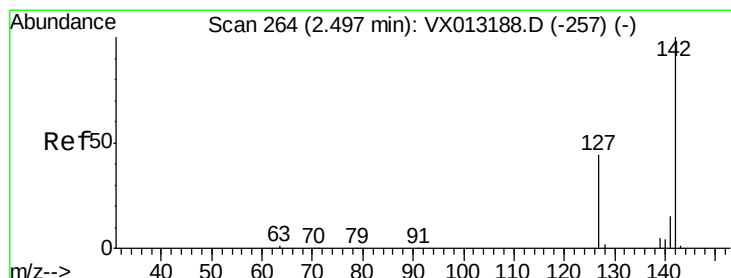
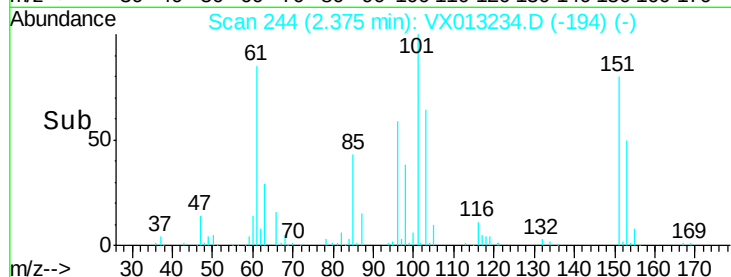
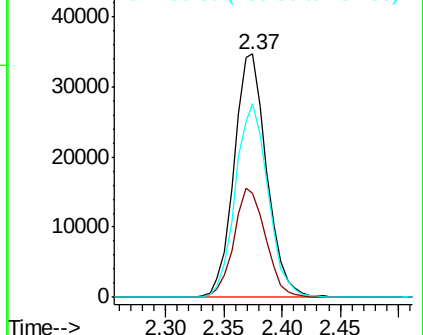
151 79.8 62.0 93.0



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: 51.159 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

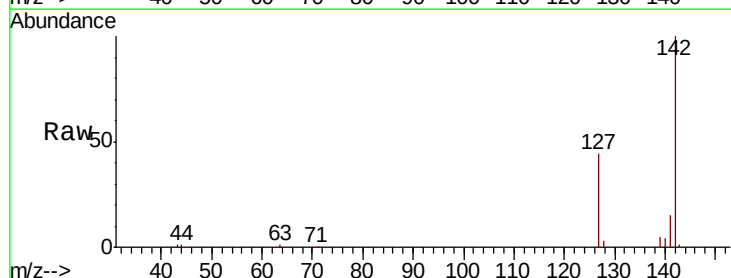
Tgt Ion:142 Resp: 87813

Ion Ratio Lower Upper

142 100

127 44.8 35.6 53.4

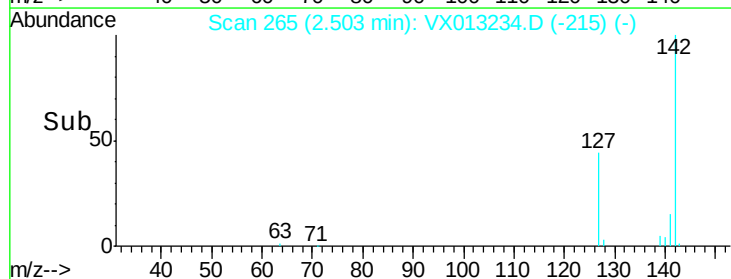
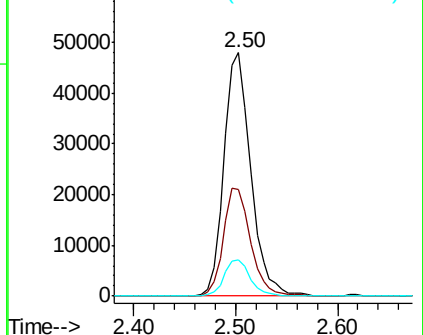
141 14.7 11.6 17.4

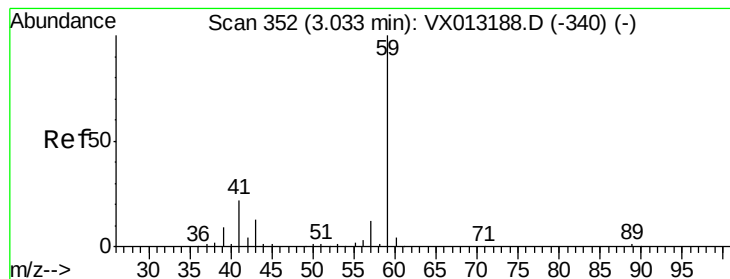


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



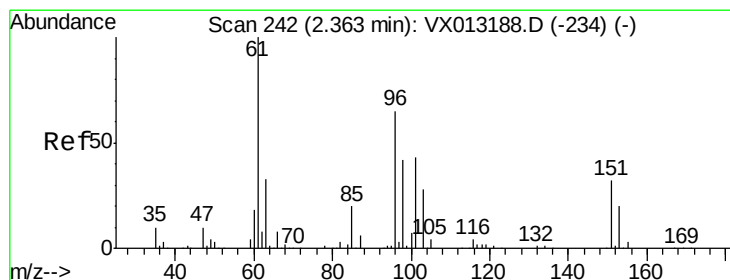
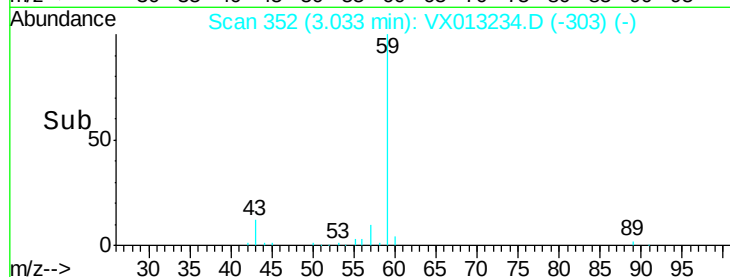
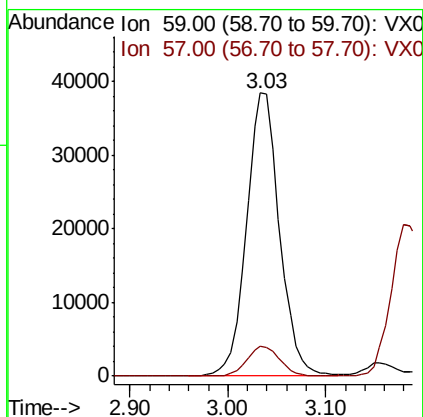
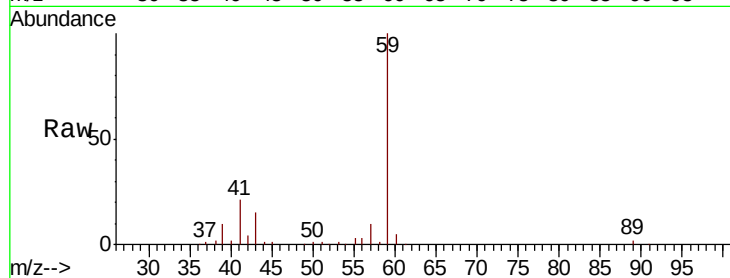


#11

Tert butyl alcohol
 Concen: 258.587 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MSD

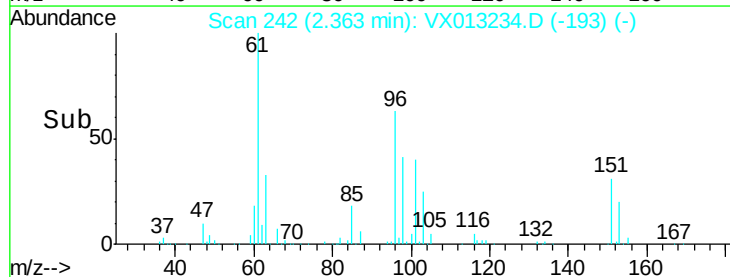
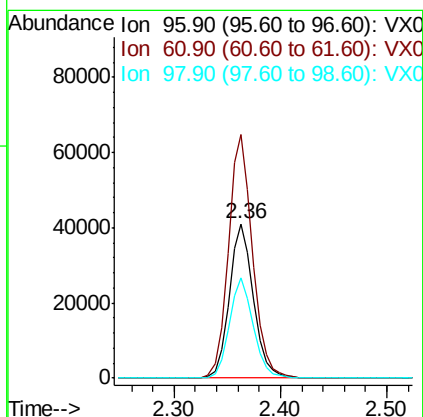
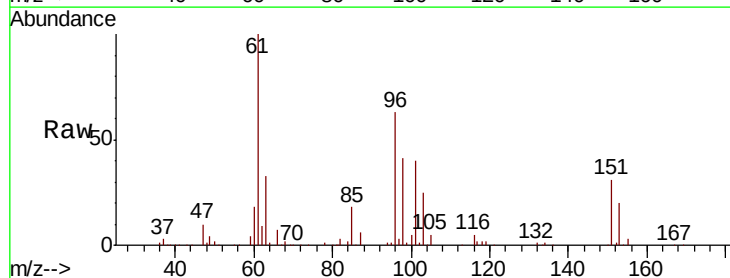
Tot Ion: 59 Resp: 89913
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

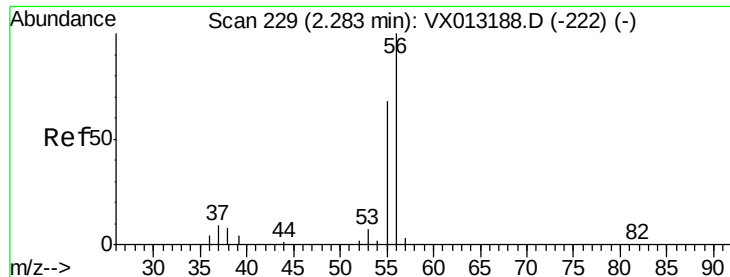


#12

1,1-Dichloroethene
 Concen: 49.613 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

Tgt Ion: 96 Resp: 64775
 Ion Ratio Lower Upper
 96 100
 61 158.1 123.8 185.8
 98 65.0 51.6 77.4

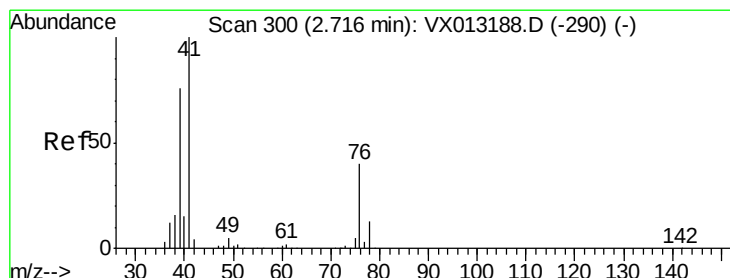
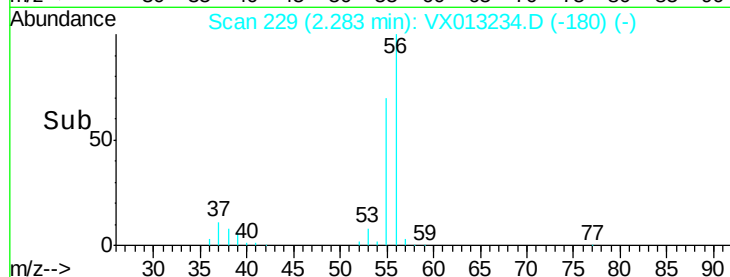
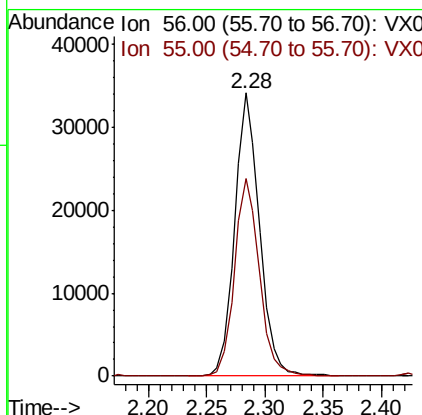
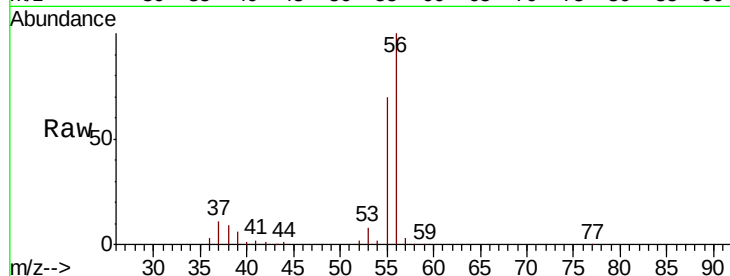




#13
 Acrolein
 Concen: 270.472 ug/l
 RT: 2.28 min Scan# 229
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

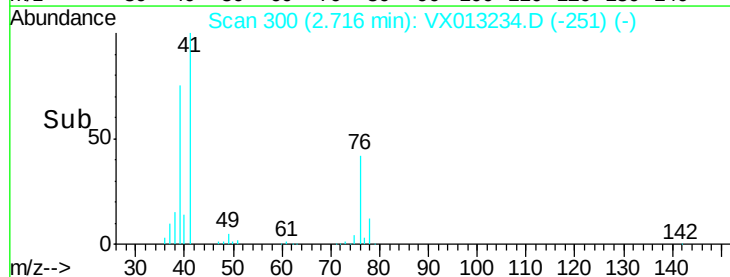
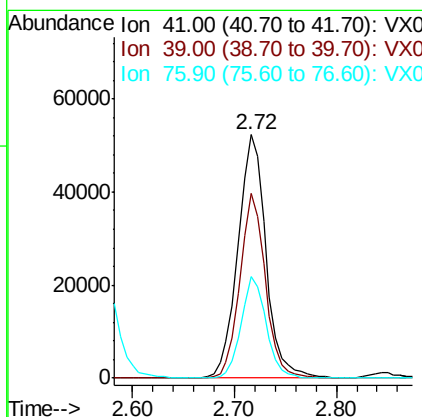
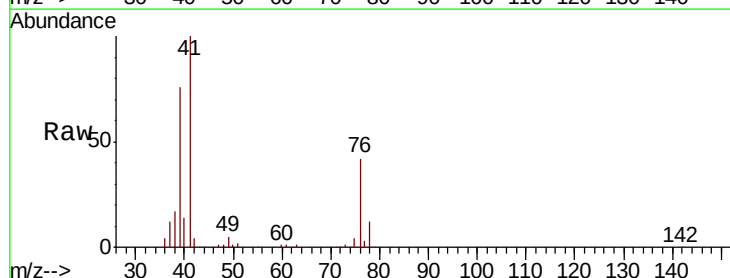
Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MSD

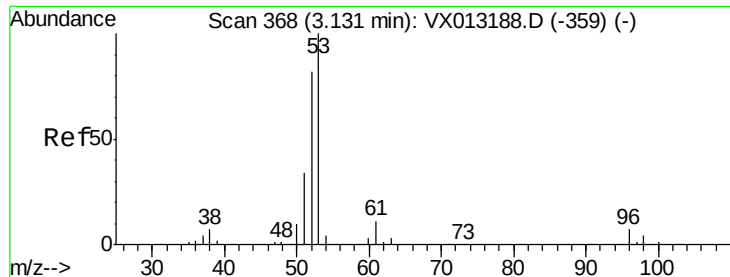
Tot Ion: 56 Resp: 50869
 Ion Ratio Lower Upper
 56 100
 55 70.2 58.9 88.3



#14
 Allyl chloride
 Concen: 48.568 ug/l
 RT: 2.72 min Scan# 300
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

Tgt Ion: 41 Resp: 99828
 Ion Ratio Lower Upper
 41 100
 39 69.0 54.6 81.8
 76 37.3 29.8 44.6





#15

Acrylonitrile

Concen: 252.935 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

GW809-8.0-13.0-102419MSD

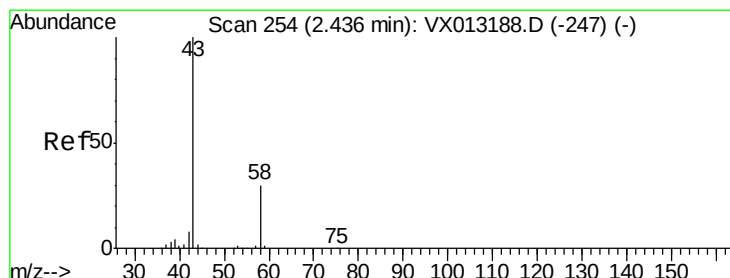
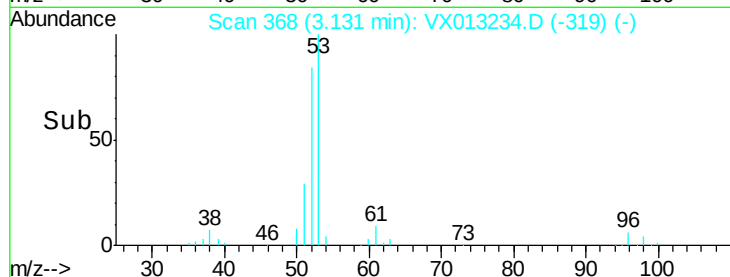
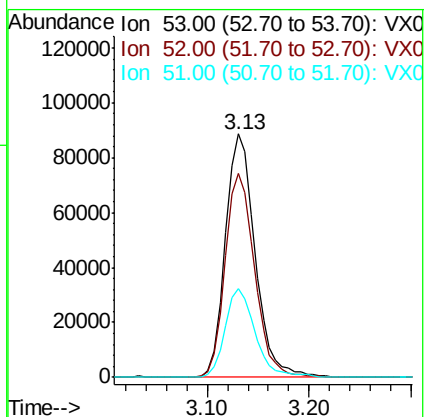
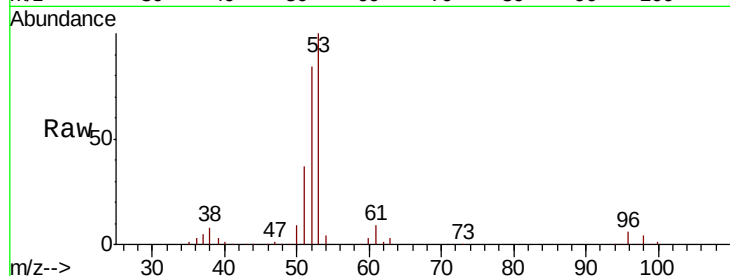
Tot Ion: 53 Resp: 178716

Ion Ratio Lower Upper

53 100

52 83.3 66.4 99.6

51 37.2 29.4 44.2



#16

Acetone

Concen: 215.151 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013234.D

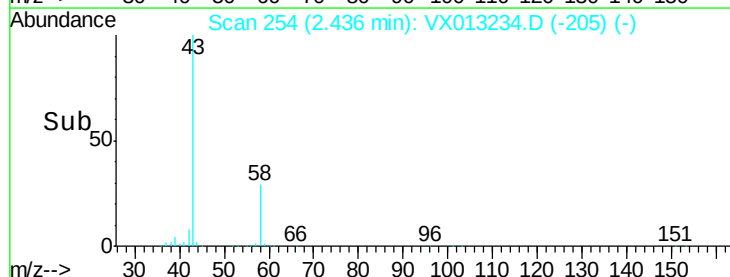
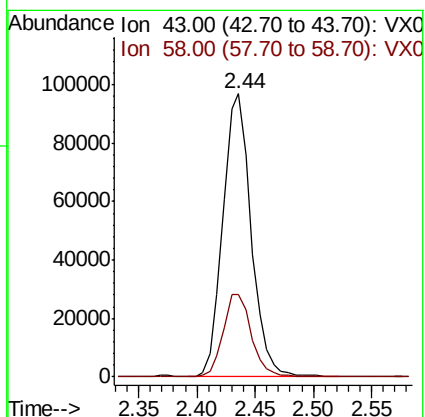
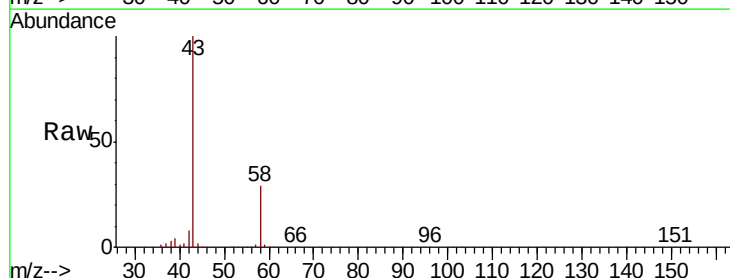
Acq: 25 Oct 2019 16:27

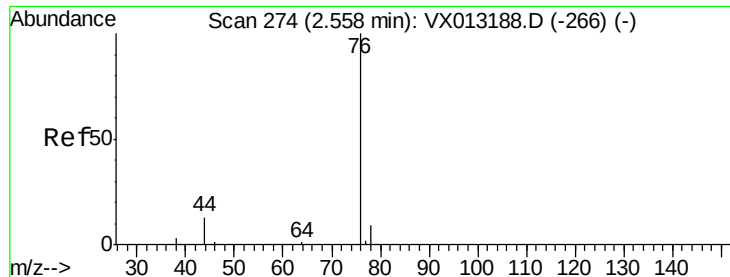
Tgt Ion: 43 Resp: 162484

Ion Ratio Lower Upper

43 100

58 29.3 23.8 35.6





#17

Carbon Disulfide

Concen: 45.732 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

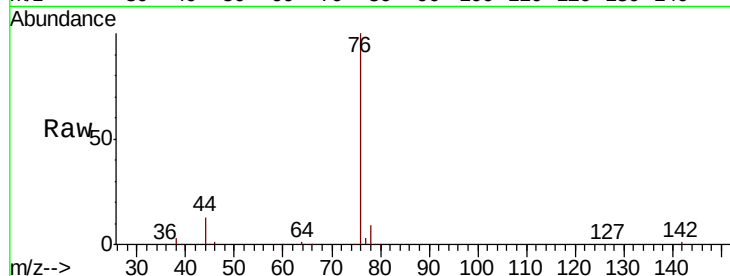
GW809-8.0-13.0-102419MSD

Tot Ion: 76 Resp: 160522

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

100000

80000

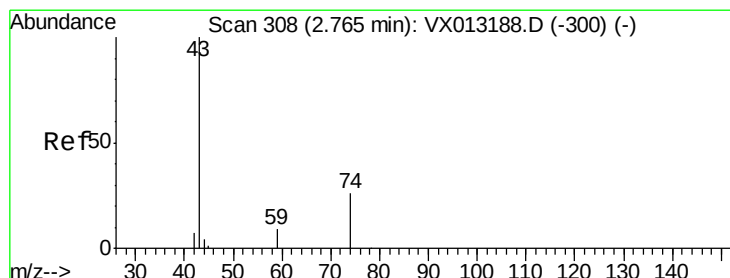
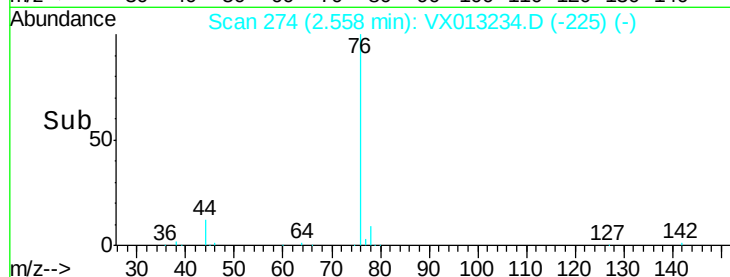
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 51.102 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX013234.D

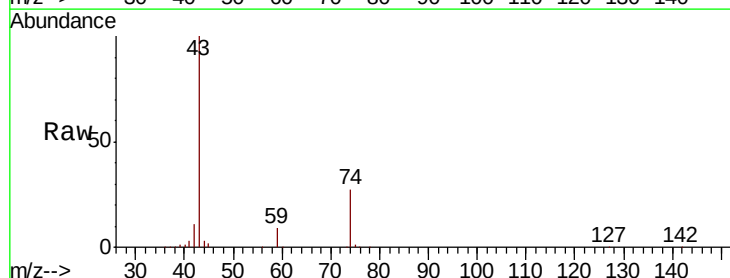
Acq: 25 Oct 2019 16:27

Tgt Ion: 43 Resp: 84305

Ion Ratio Lower Upper

43 100

74 26.7 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

50000

40000

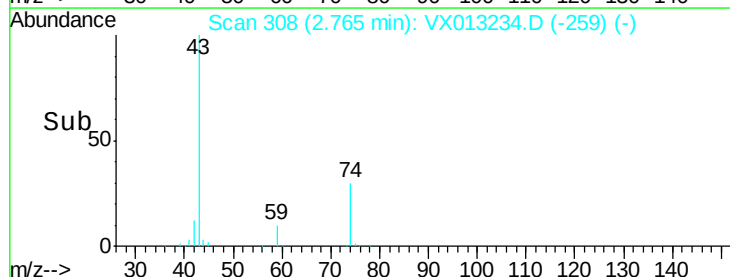
30000

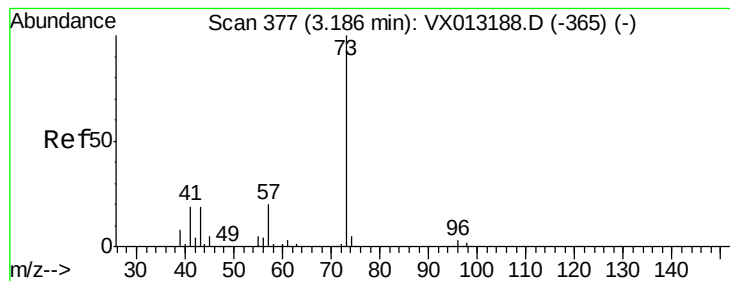
20000

10000

0

Time-->



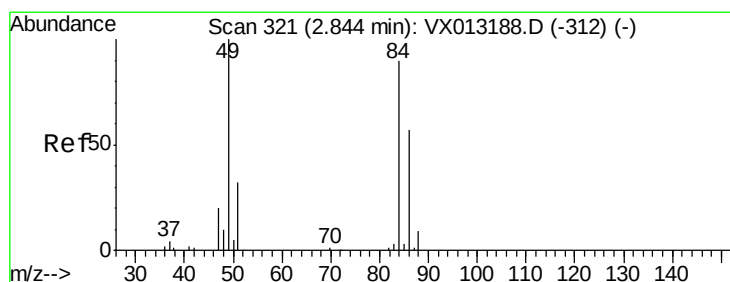
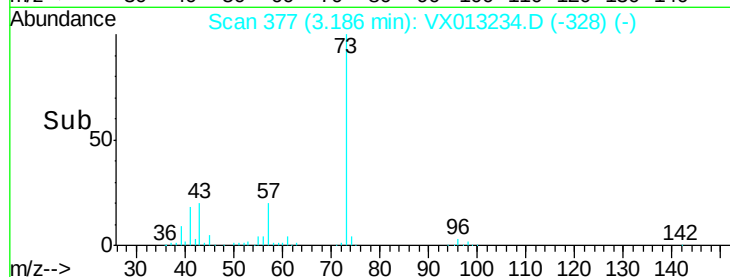
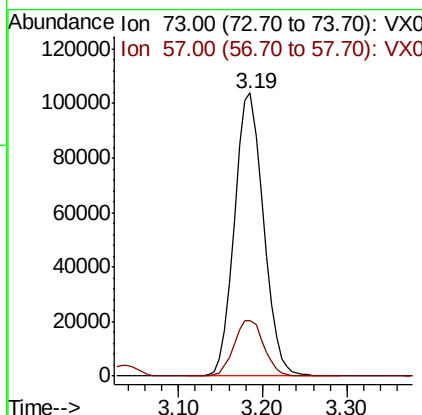
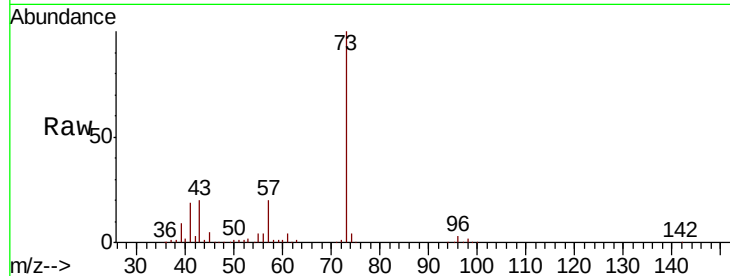


#19

Methyl tert-butyl Ether
 Concen: 52.446 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MSD

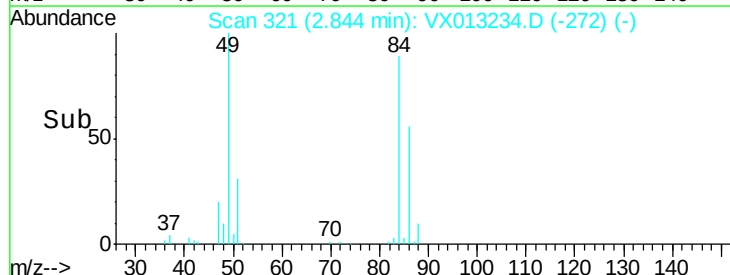
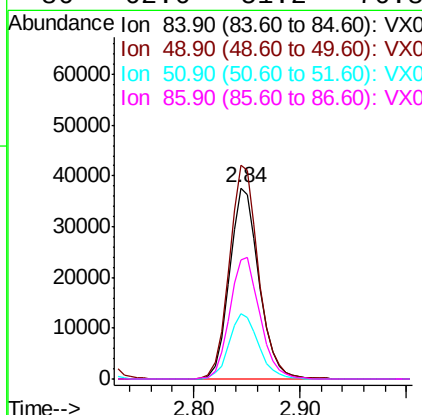
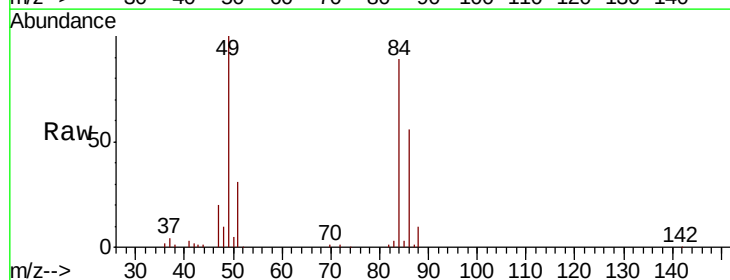
Tot Ion: 73 Resp: 241129
 Ion Ratio Lower Upper
 73 100
 57 19.7 15.8 23.8

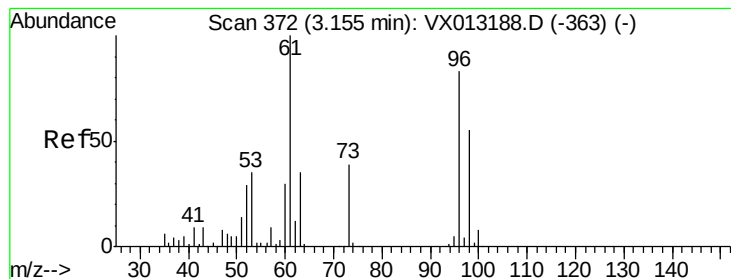


#20

Methylene Chloride
 Concen: 51.615 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

Tgt Ion: 84 Resp: 72908
 Ion Ratio Lower Upper
 84 100
 49 111.8 89.2 133.8
 51 34.2 28.8 43.2
 86 62.6 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 51.242 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

GW809-8.0-13.0-102419MSD

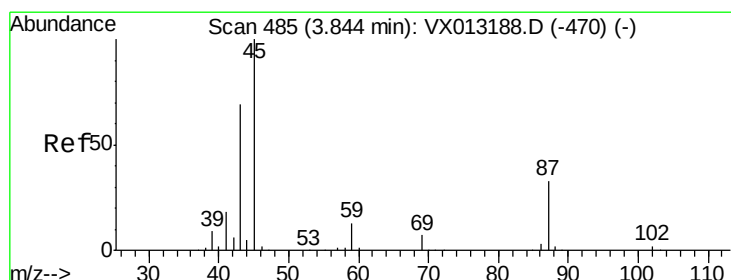
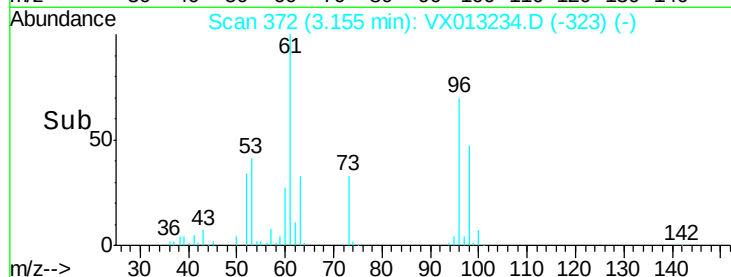
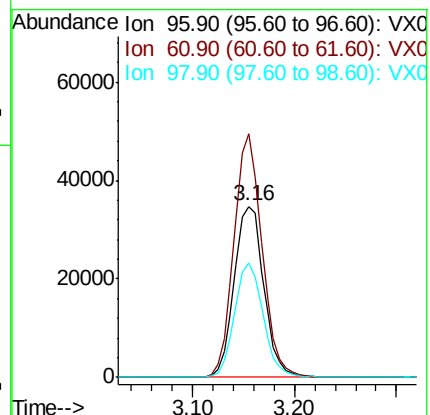
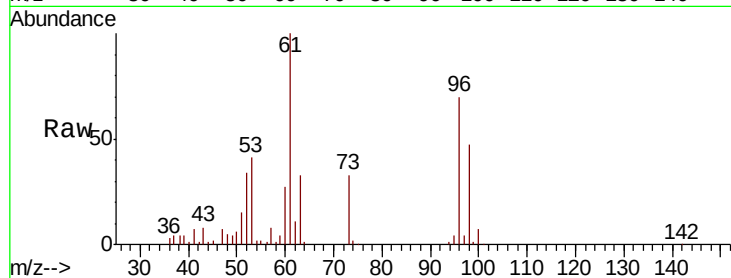
Tot Ion: 96 Resp: 69626

Ion Ratio Lower Upper

96 100

61 142.6 96.9 145.3

98 67.1 53.0 79.4



#22

Diisopropyl ether

Concen: 50.466 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

Tgt Ion: 45 Resp: 202820

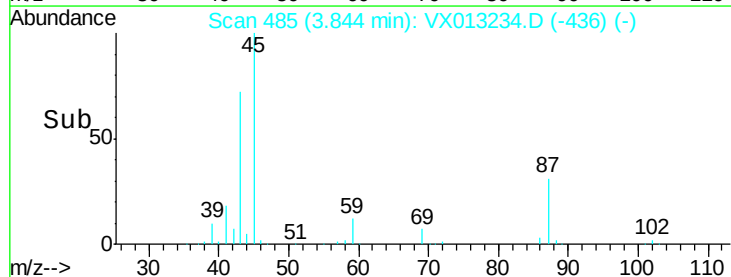
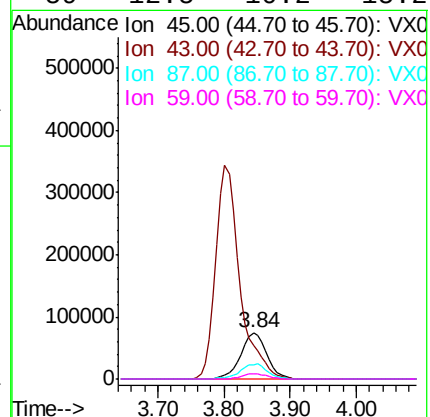
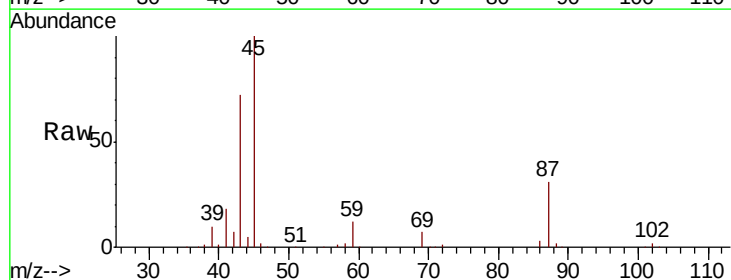
Ion Ratio Lower Upper

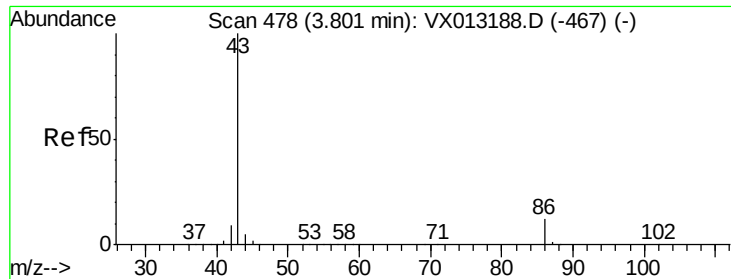
45 100

43 71.2 55.5 83.3

87 31.1 26.7 40.1

59 12.5 10.2 15.2





#23

Vinyl Acetate

Concen: 254.919 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

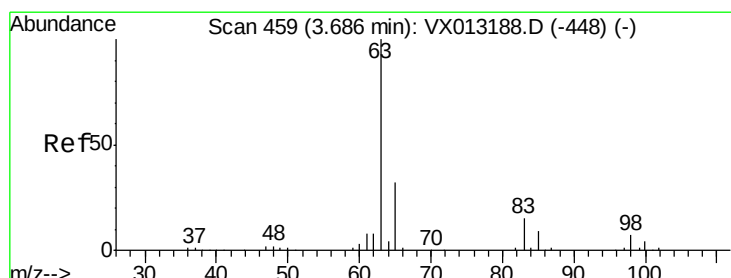
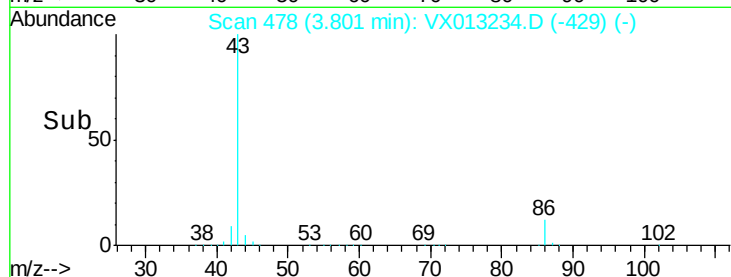
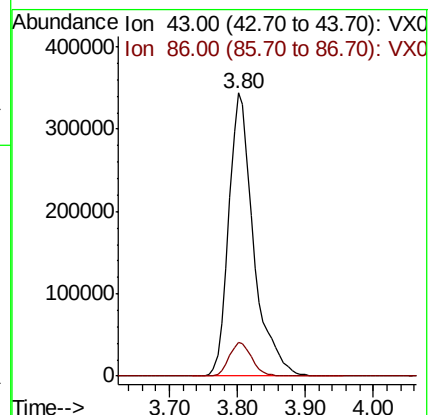
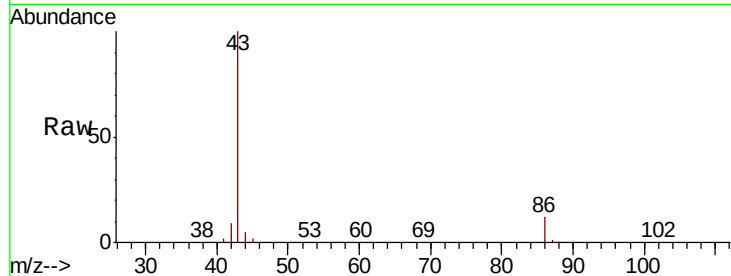
GW809-8.0-13.0-102419MSD

Tot Ion: 43 Resp: 870788

Ion Ratio Lower Upper

43 100

86 11.8 9.7 14.5



#24

1,1-Dichloroethane

Concen: 51.058 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

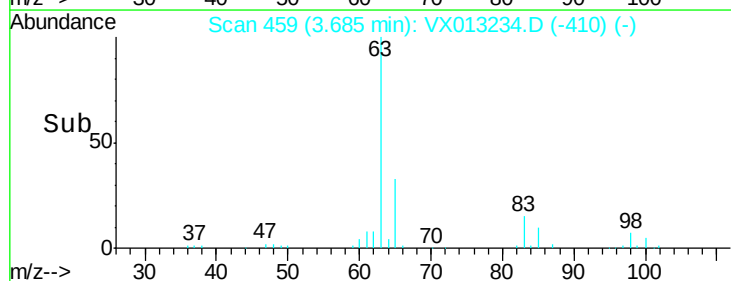
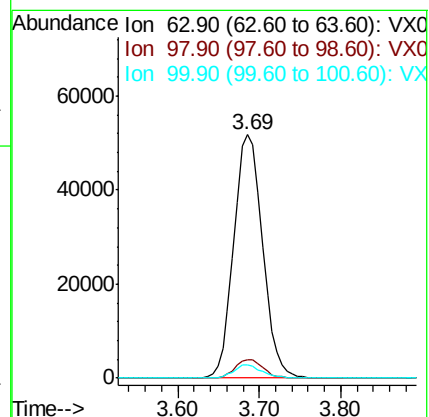
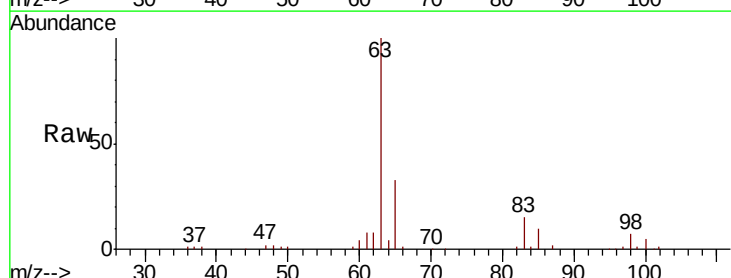
Tgt Ion: 63 Resp: 126216

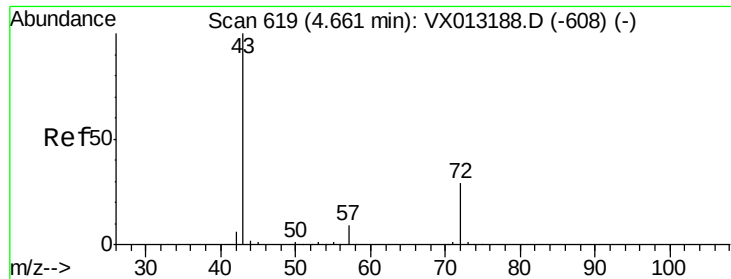
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.2

100 5.2 2.2 6.6





#25

2-Butanone

Concen: 239.621 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

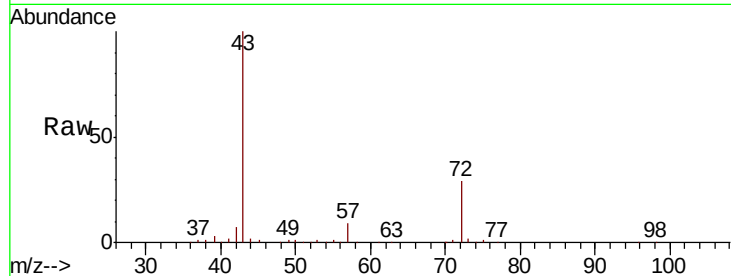
GW809-8.0-13.0-102419MSD

Tot Ion: 43 Resp: 242691

Ion Ratio Lower Upper

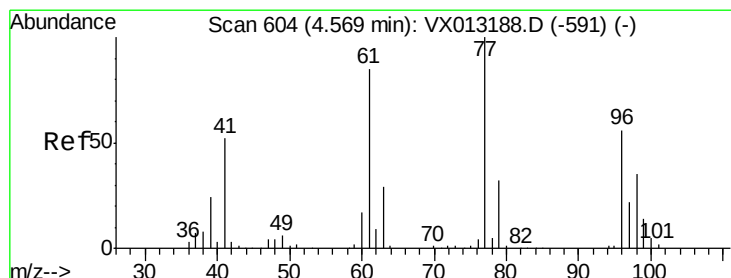
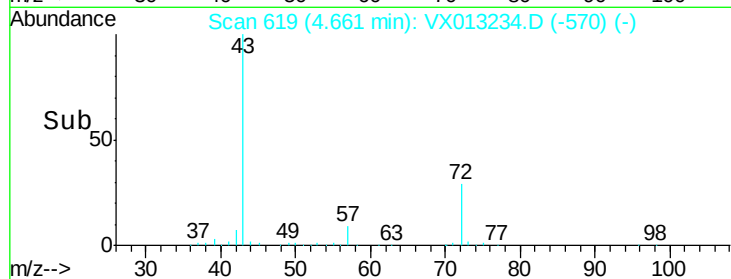
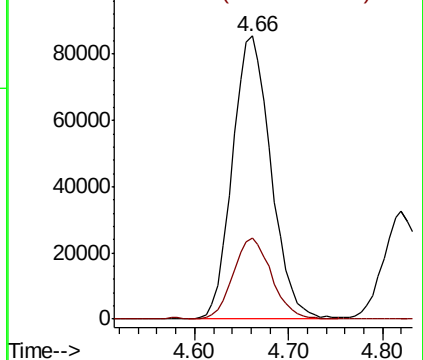
43 100

72 28.5 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.320 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013234.D

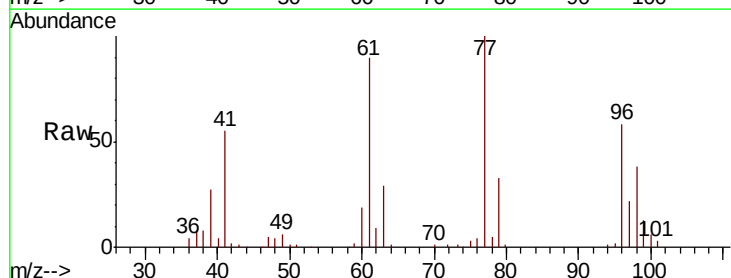
Acq: 25 Oct 2019 16:27

Tgt Ion: 77 Resp: 108108

Ion Ratio Lower Upper

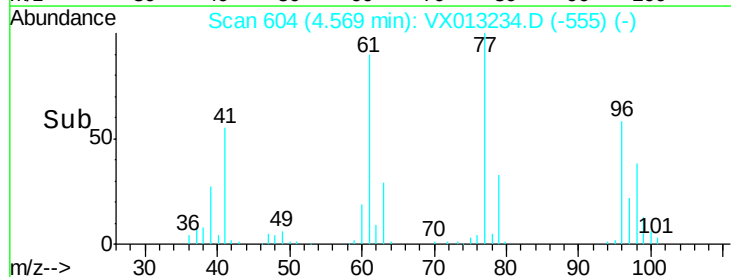
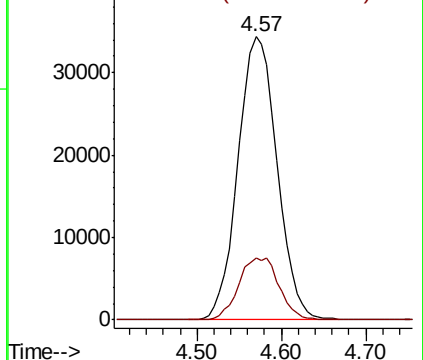
77 100

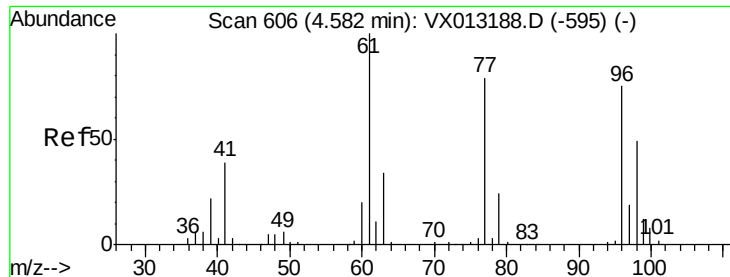
97 22.6 10.9 32.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



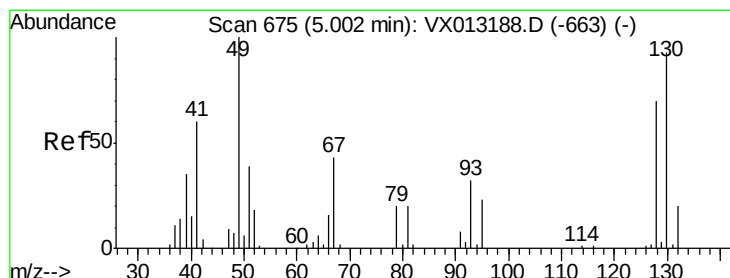
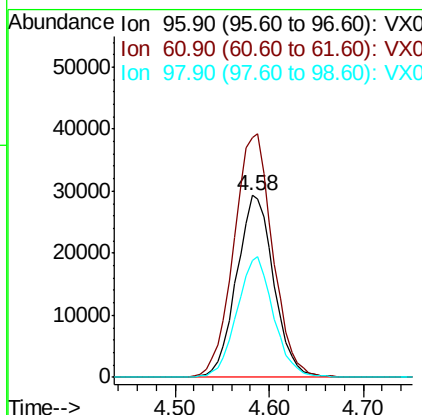
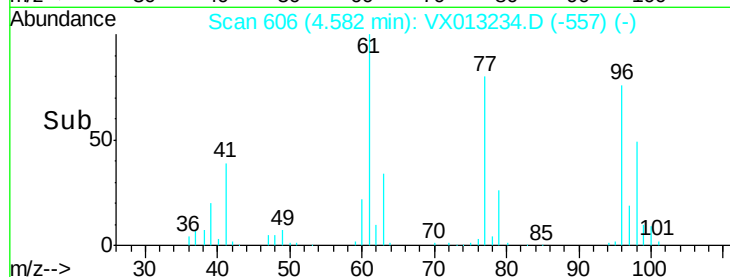
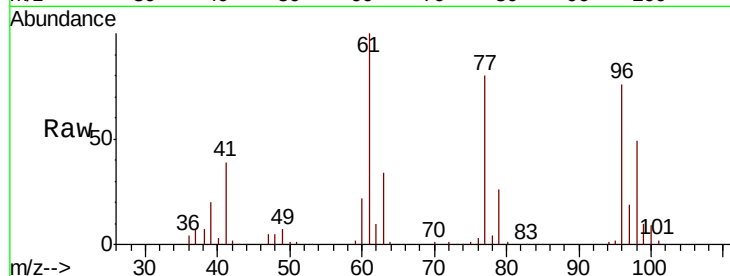


#27

cis-1,2-Dichloroethene
Concen: 50.485 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013234.D
Acq: 25 Oct 2019 16:27

Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MSD

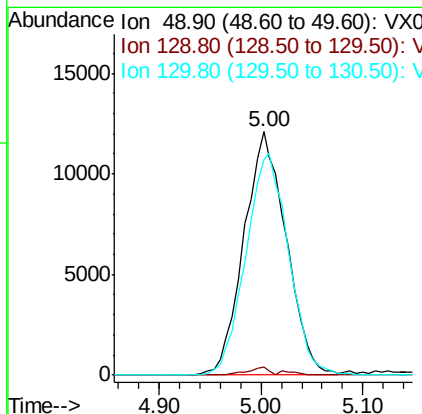
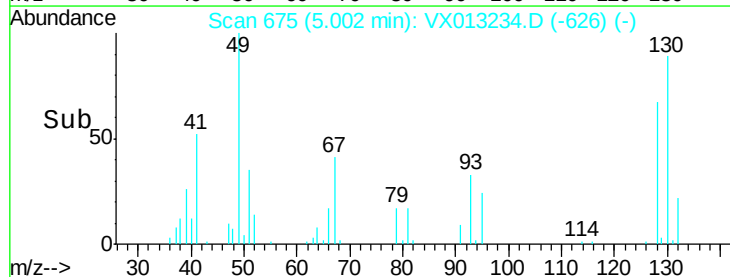
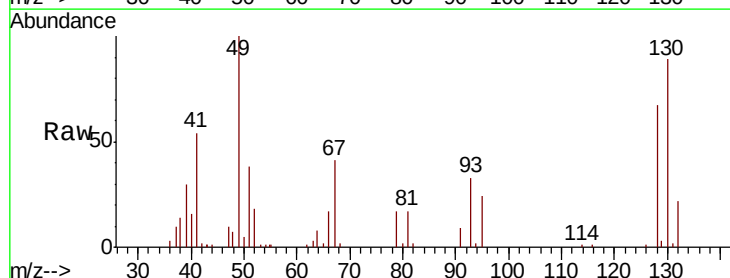
Tot Ion: 96 Resp: 80723
Ion Ratio Lower Upper
96 100
61 140.7 0.0 290.4
98 65.2 0.0 130.4

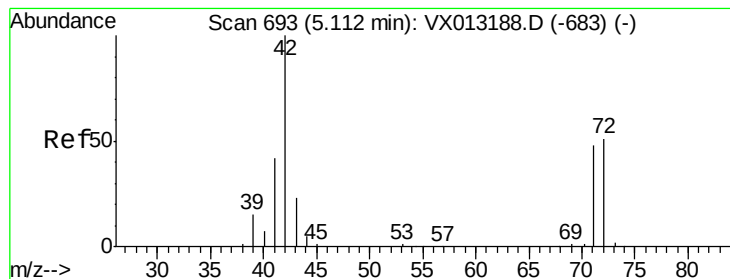


#28

Bromochloromethane
Concen: 54.562 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013234.D
Acq: 25 Oct 2019 16:27

Tgt Ion: 49 Resp: 34779
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.8
130 92.0 71.8 107.8





#29

Tetrahydrofuran

Concen: 244.777 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

GW809-8.0-13.0-102419MSD

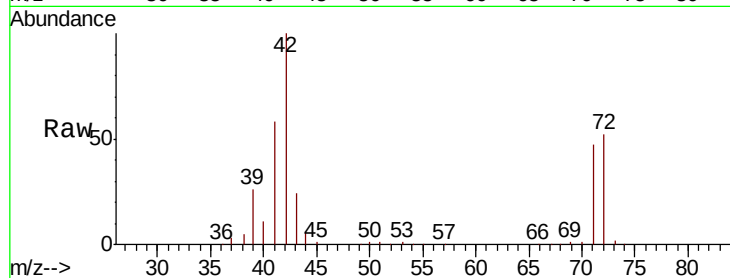
Tot Ion: 42 Resp: 149433

Ion Ratio Lower Upper

42 100

72 52.7 40.9 61.3

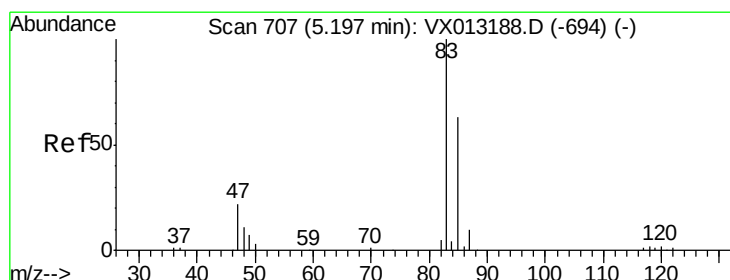
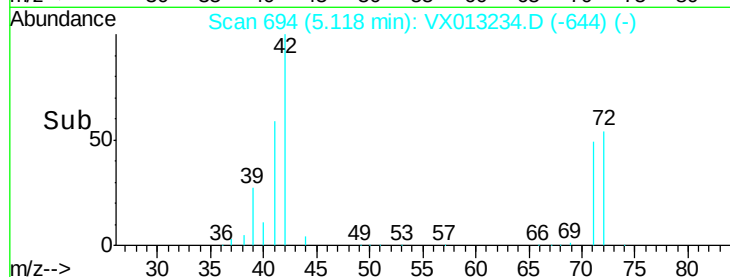
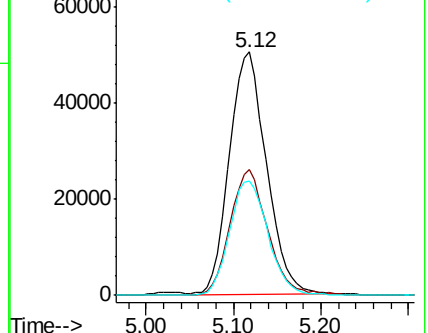
71 48.9 38.6 57.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 52.138 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013234.D

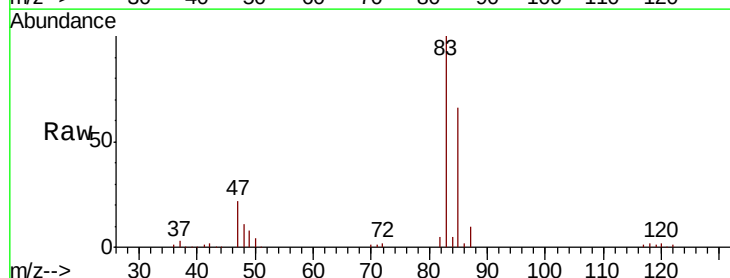
Acq: 25 Oct 2019 16:27

Tgt Ion: 83 Resp: 137225

Ion Ratio Lower Upper

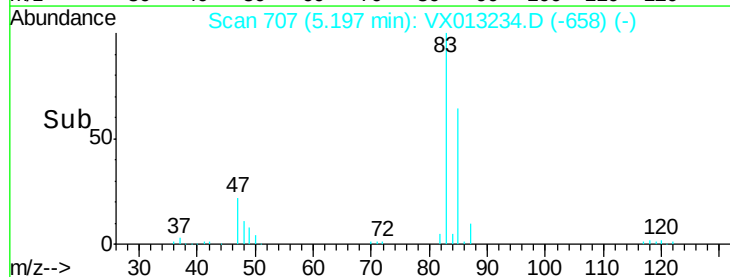
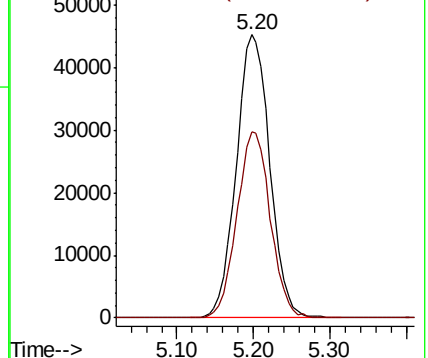
83 100

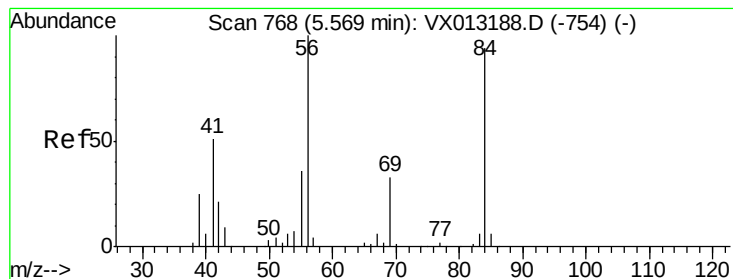
85 65.9 50.1 75.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.671 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

GW809-8.0-13.0-102419MSD

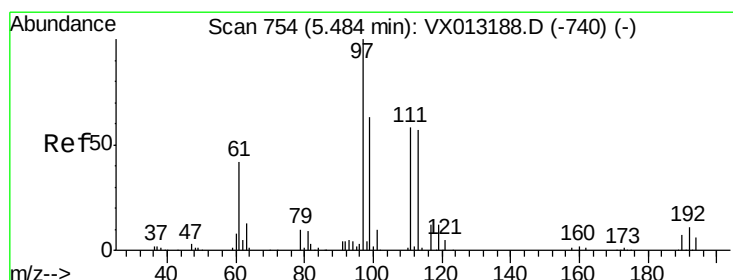
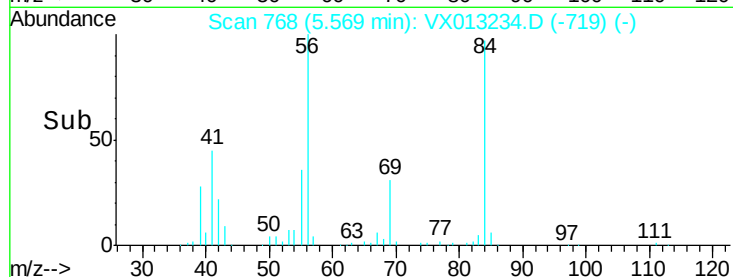
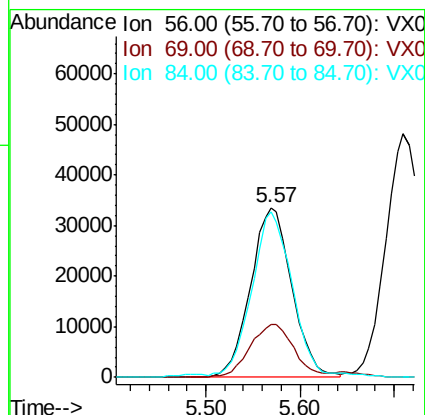
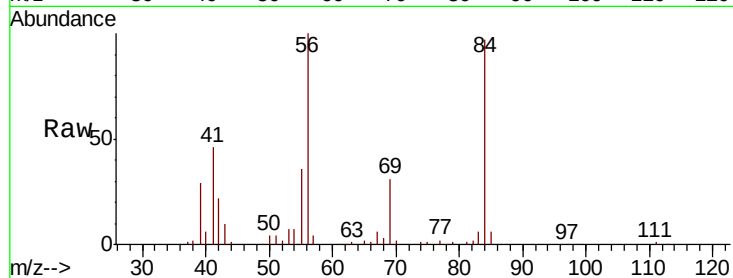
Tot Ion: 56 Resp: 102973

Ion Ratio Lower Upper

56 100

69 31.5 26.3 39.5

84 95.4 73.8 110.6



#32

1,1,1-Trichloroethane

Concen: 53.474 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

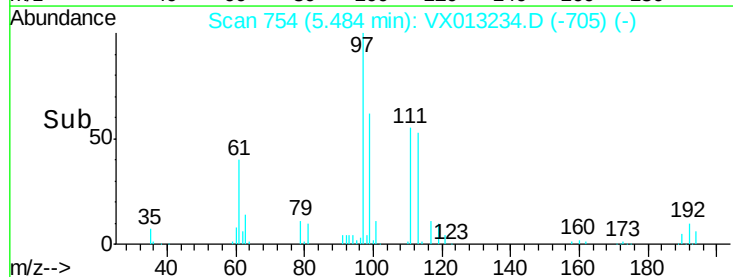
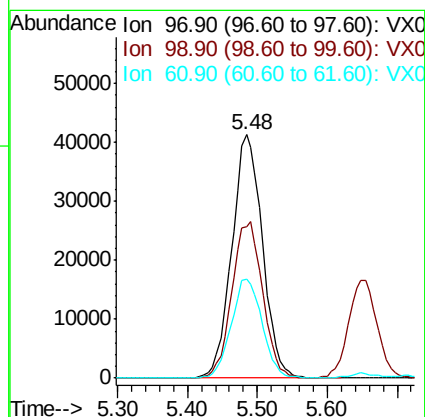
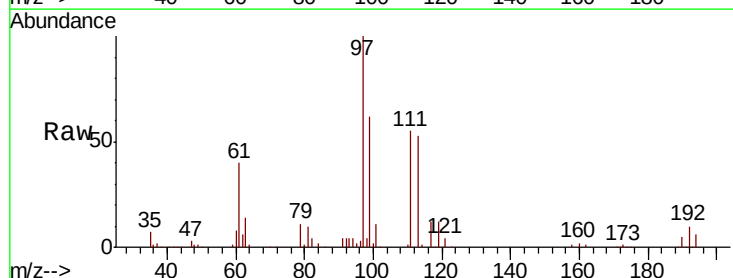
Tgt Ion: 97 Resp: 125138

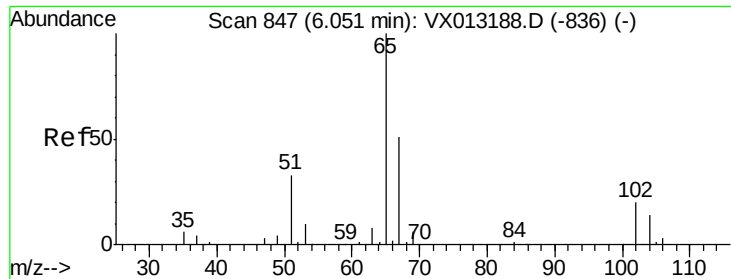
Ion Ratio Lower Upper

97 100

99 64.6 50.8 76.2

61 41.2 32.8 49.2

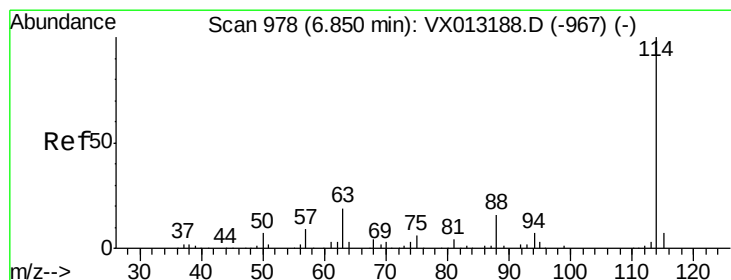
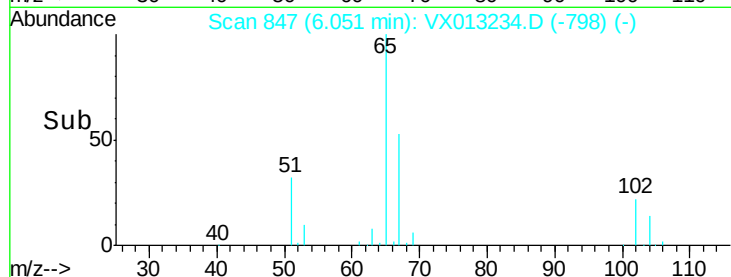
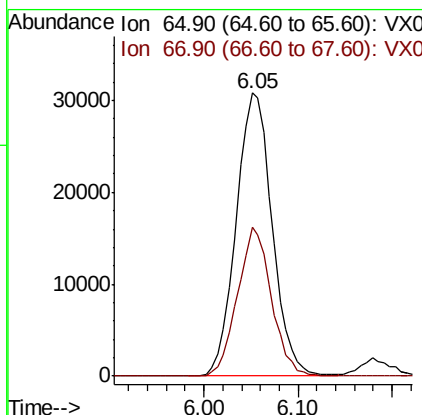
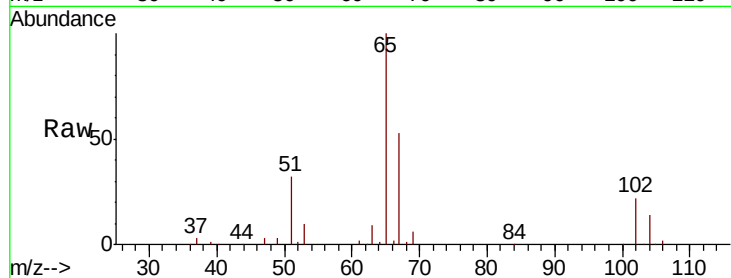




#33
 1,2-Dichloroethane-d4
 Concen: 51.330 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

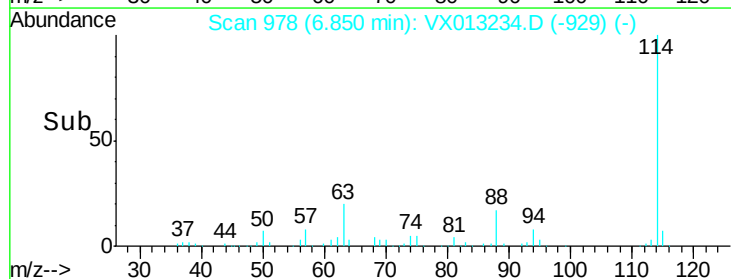
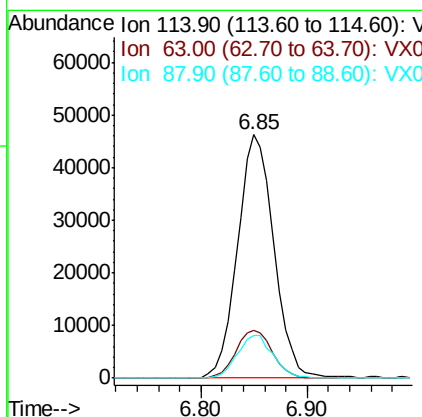
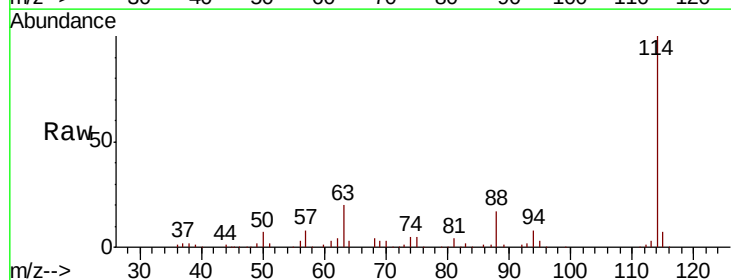
Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MSD

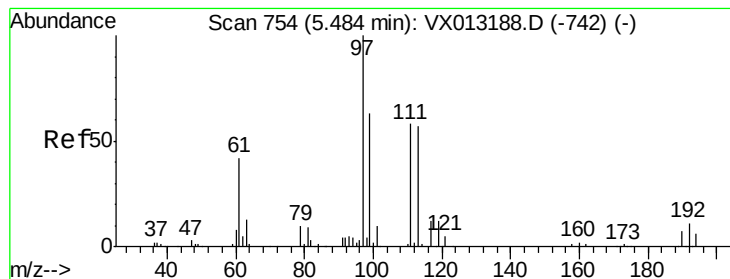
Tot Ion: 65 Resp: 82282
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

Tgt Ion:114 Resp: 110733
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 17.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.334 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

GW809-8.0-13.0-102419MSD

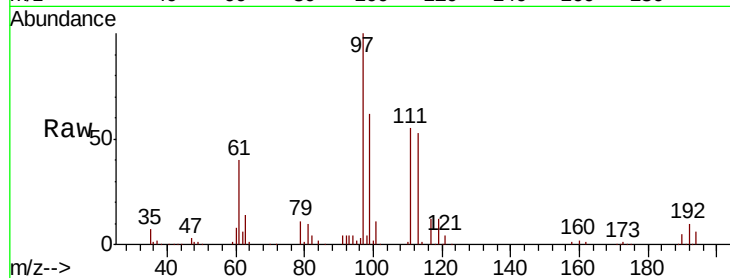
Tot Ion:113 Resp: 64624

Ion Ratio Lower Upper

113 100

111 102.5 80.3 120.5

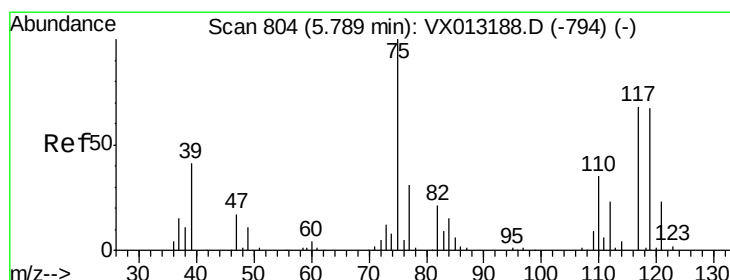
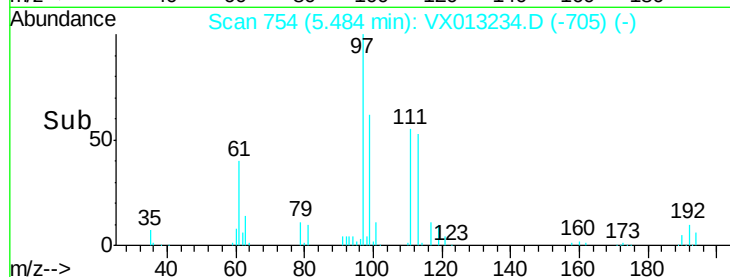
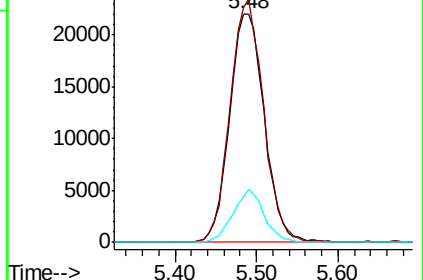
192 20.7 15.9 23.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.480 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

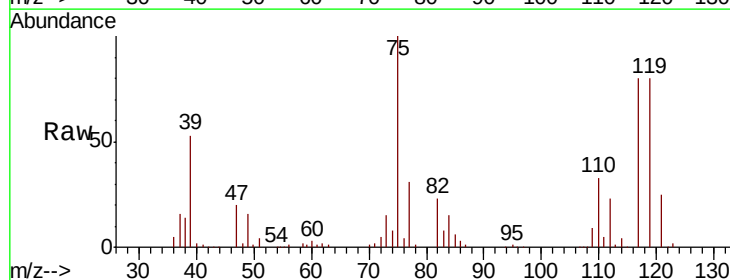
Tgt Ion: 75 Resp: 97269

Ion Ratio Lower Upper

75 100

110 35.6 17.6 52.9

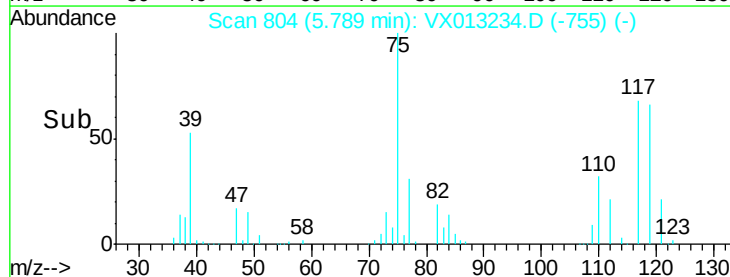
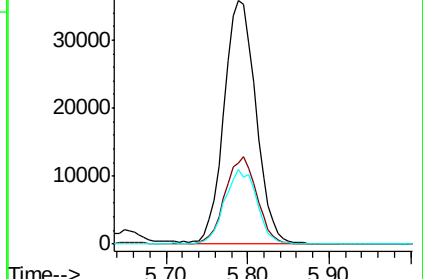
77 30.8 24.7 37.1

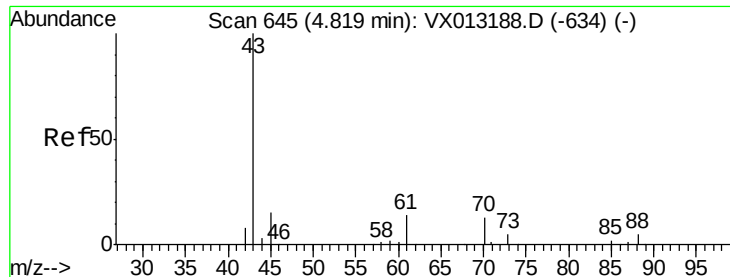


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

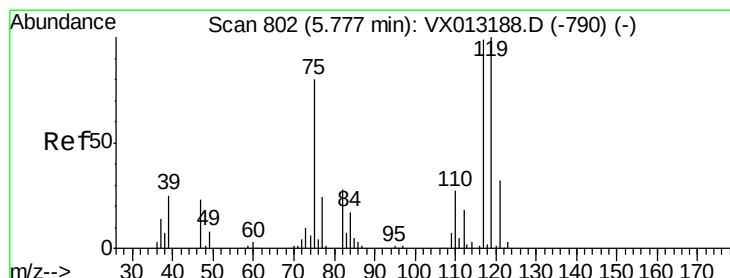
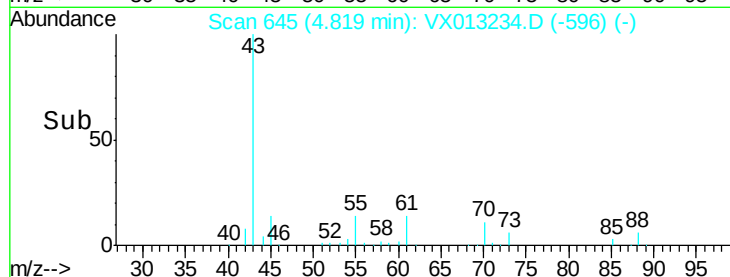
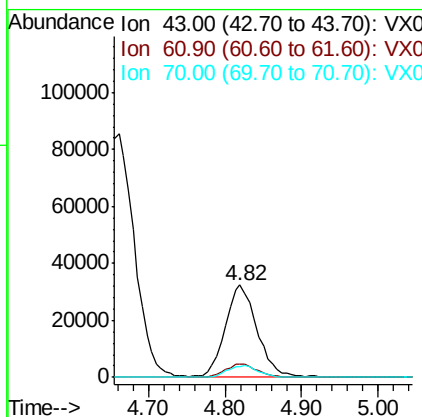
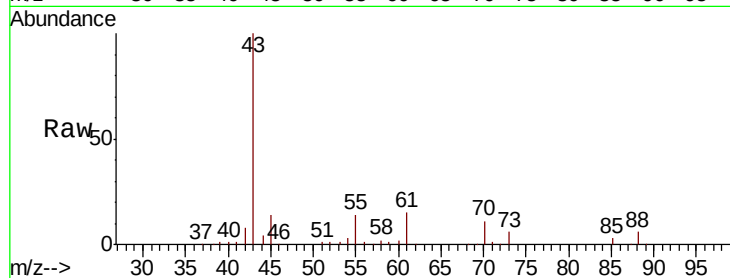




#37
Ethyl Acetate
Concen: 50.191 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013234.D
Acq: 25 Oct 2019 16:27

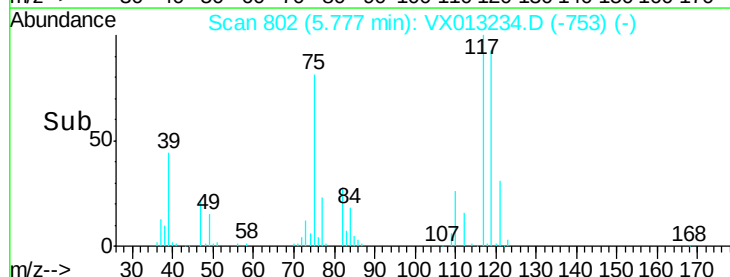
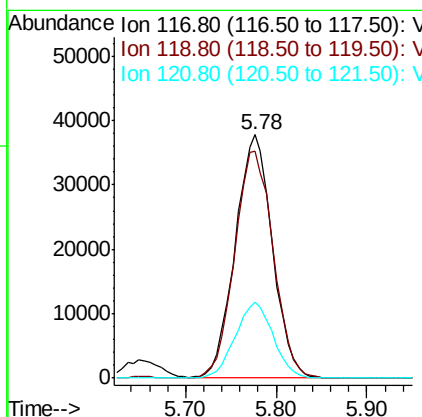
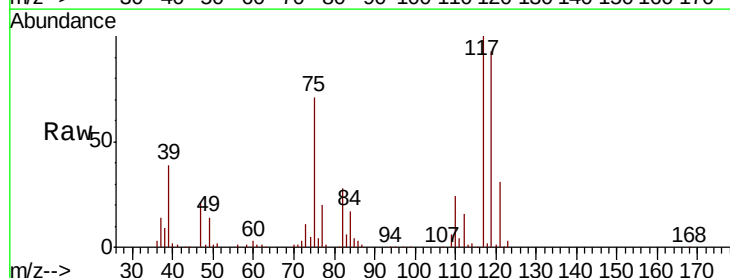
Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MSD

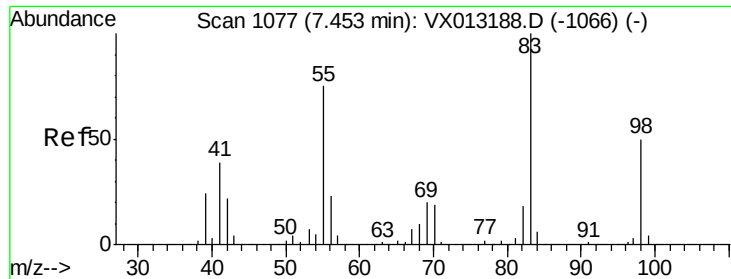
Tot Ion: 43 Resp: 92617
Ion Ratio Lower Upper
43 100
61 14.8 12.1 18.1
70 12.5 10.4 15.6



#38
Carbon Tetrachloride
Concen: 52.465 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013234.D
Acq: 25 Oct 2019 16:27

Tgt Ion: 117 Resp: 107384
Ion Ratio Lower Upper
117 100
119 93.2 80.1 120.1
121 31.3 25.5 38.3

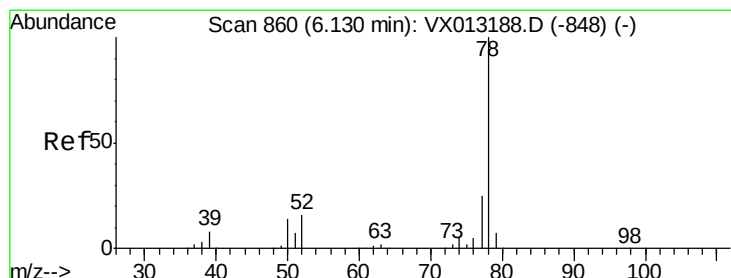
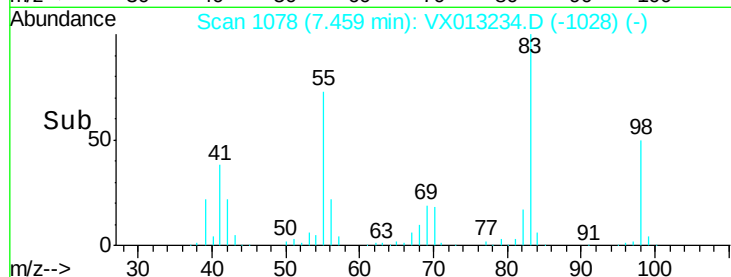
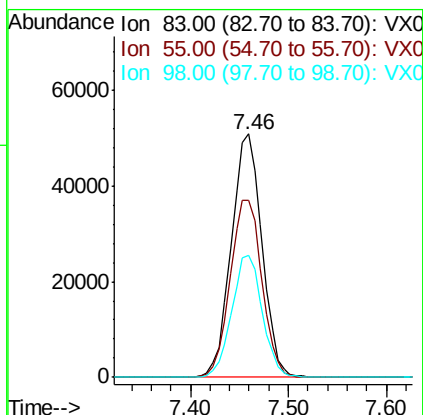
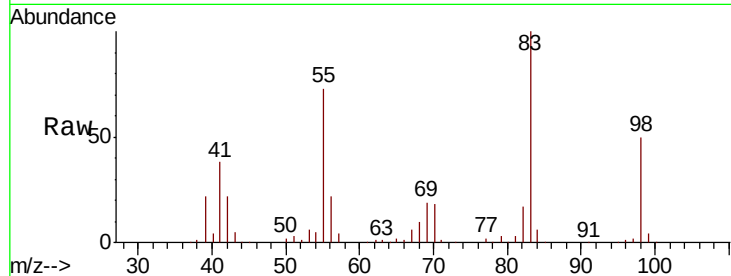




#39
Methylvlcyclohexane
Concen: 46.590 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013234.D
Acq: 25 Oct 2019 16:27

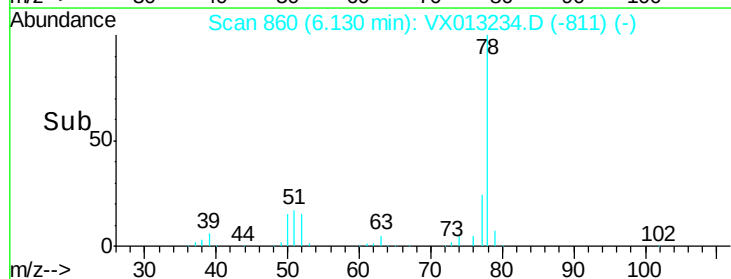
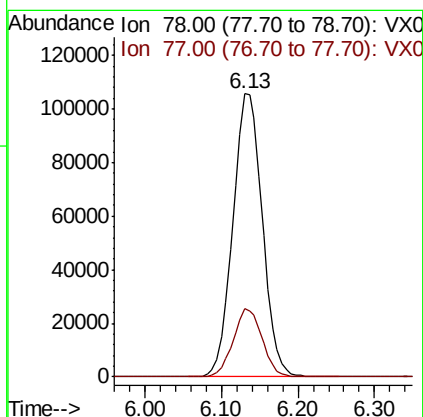
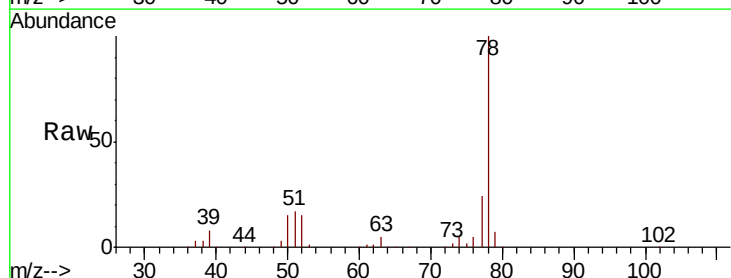
Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MSD

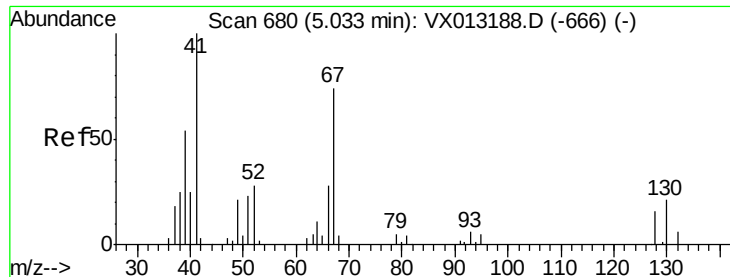
Tot Ion: 83 Resp: 110445
Ion Ratio Lower Upper
83 100
55 72.5 60.1 90.1
98 50.3 39.8 59.8



#40
Benzene
Concen: 50.674 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013234.D
Acq: 25 Oct 2019 16:27

Tgt Ion: 78 Resp: 281849
Ion Ratio Lower Upper
78 100
77 24.0 19.6 29.4





#41

Methacrylonitrile

Concen: 51.986 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

GW809-8.0-13.0-102419MSD

Tot Ion: 41 Resp: 51431

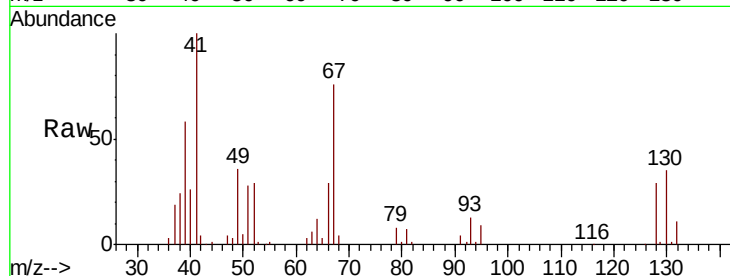
Ion Ratio Lower Upper

41 100

39 57.6 45.2 67.8

67 78.5 61.3 91.9

52 31.4 25.1 37.7

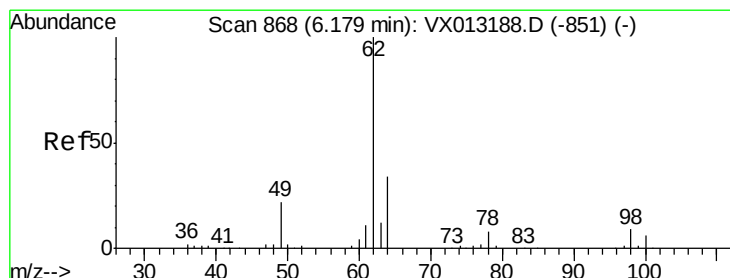
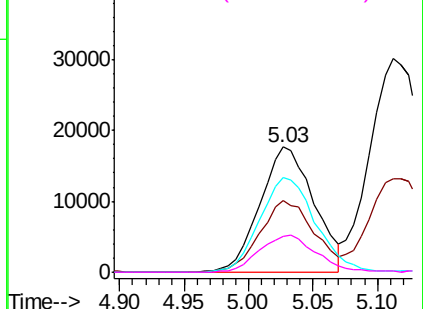
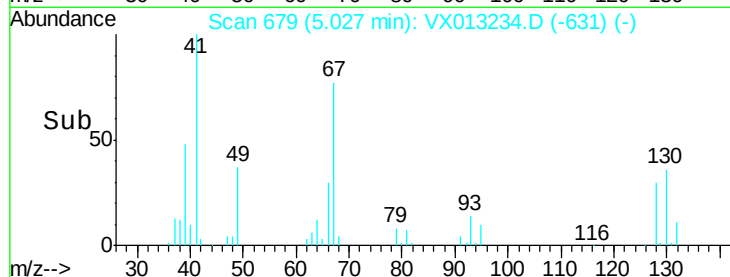


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 54.246 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX013234.D

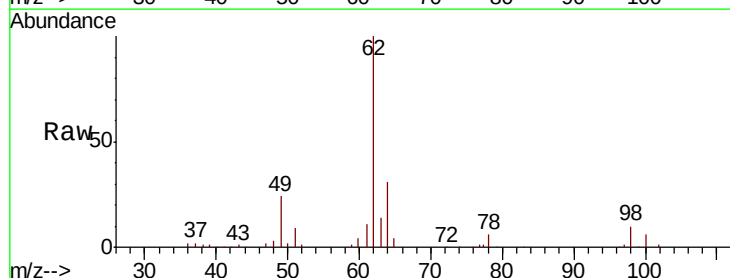
Acq: 25 Oct 2019 16:27

Tgt Ion: 62 Resp: 113758

Ion Ratio Lower Upper

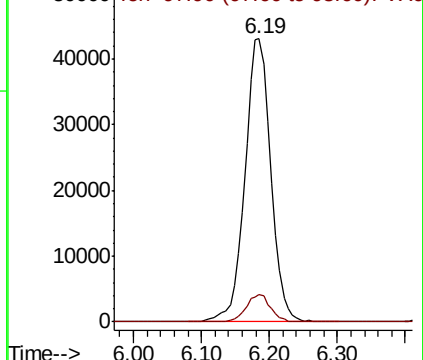
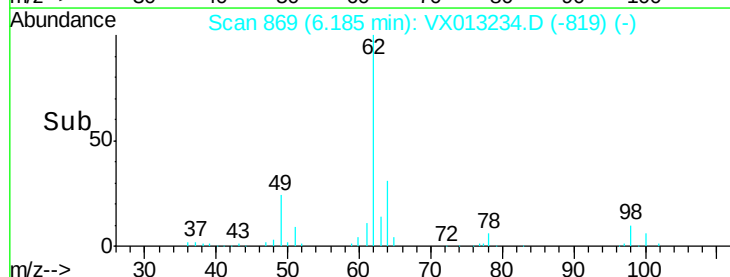
62 100

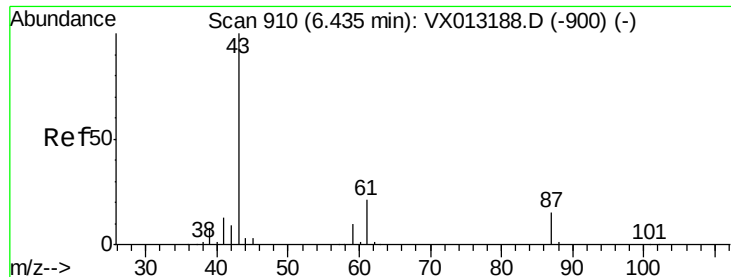
98 9.1 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.348 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

GW809-8.0-13.0-102419MSD

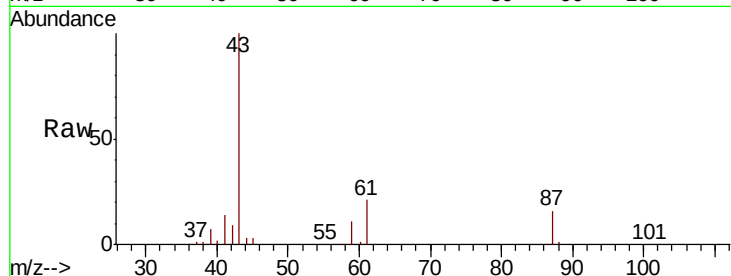
Tot Ion: 43 Resp: 157317

Ion Ratio Lower Upper

43 100

61 21.1 17.0 25.4

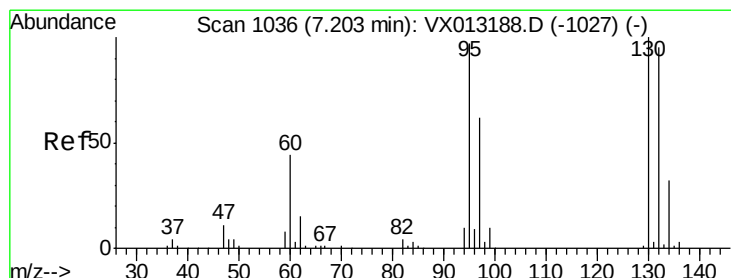
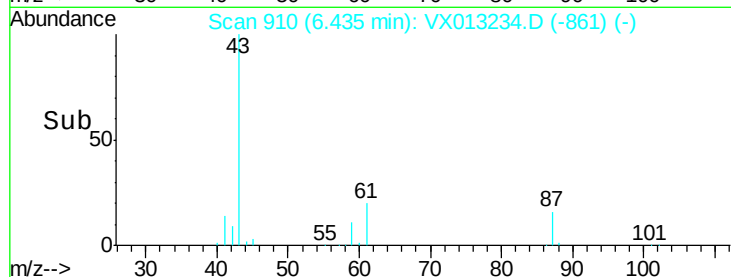
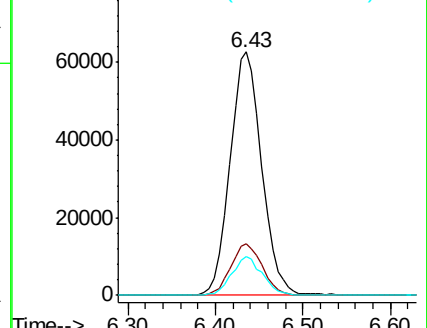
87 15.5 12.1 18.1



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: 50.382 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013234.D

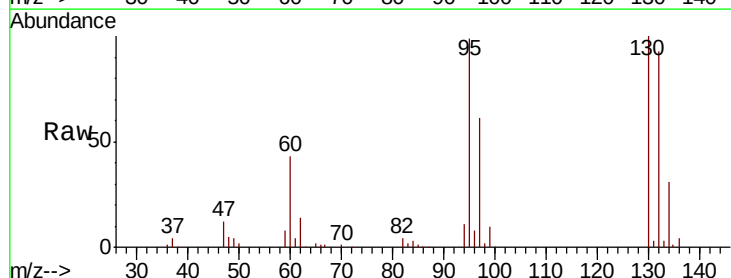
Acq: 25 Oct 2019 16:27

Tgt Ion: 130 Resp: 79532

Ion Ratio Lower Upper

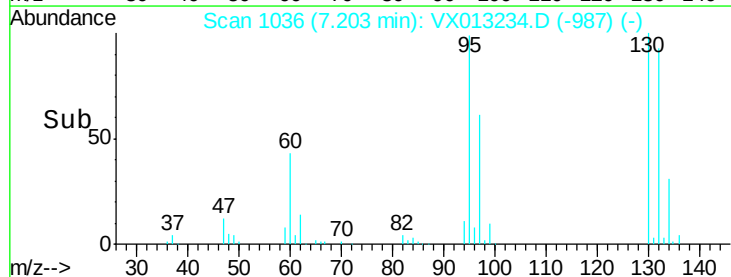
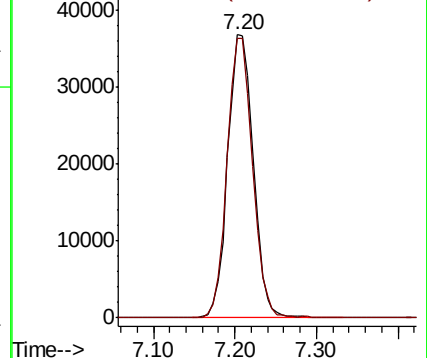
130 100

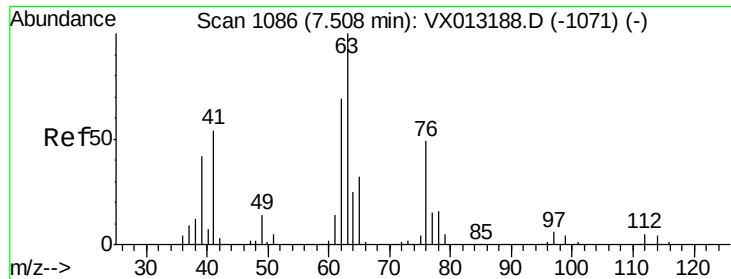
95 98.7 0.0 193.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

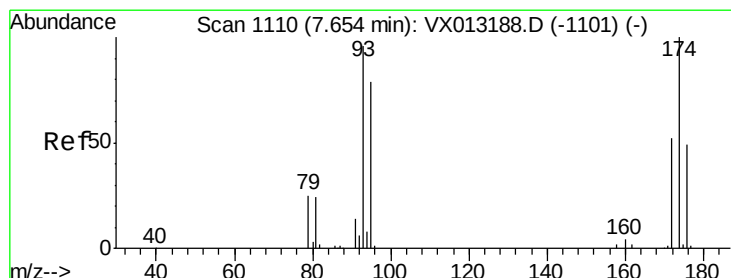
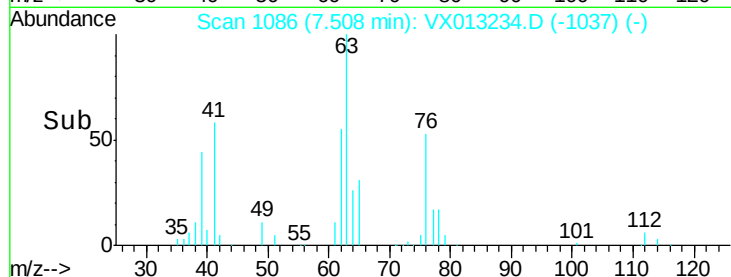
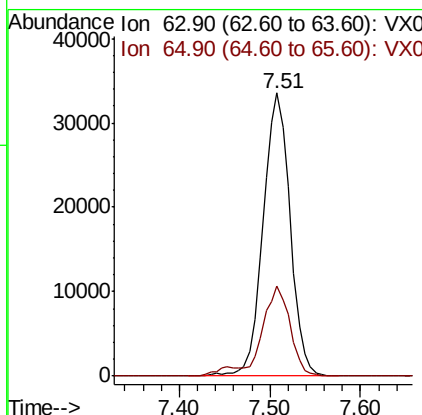
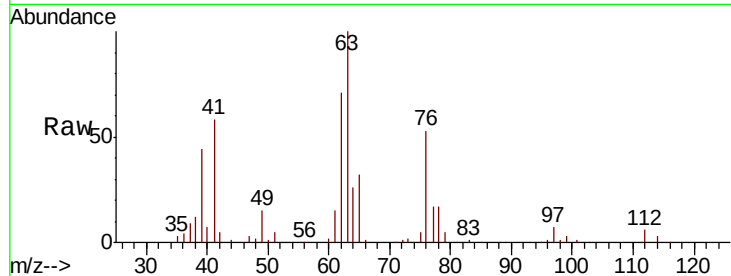




#45
 1,2-Dichloropropane
 Concen: 49.658 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

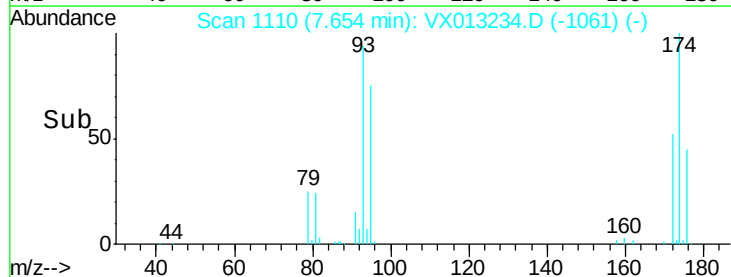
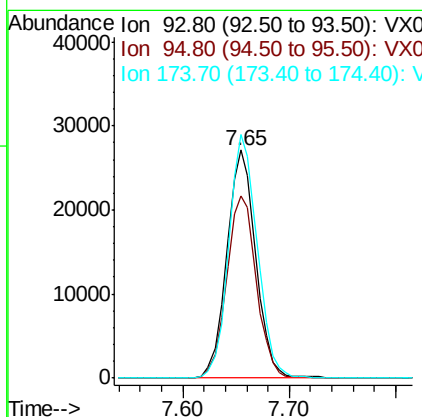
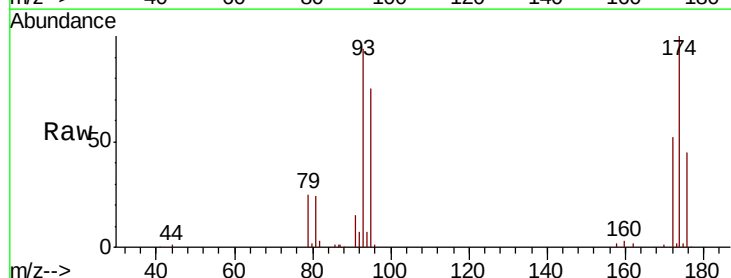
Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MSD

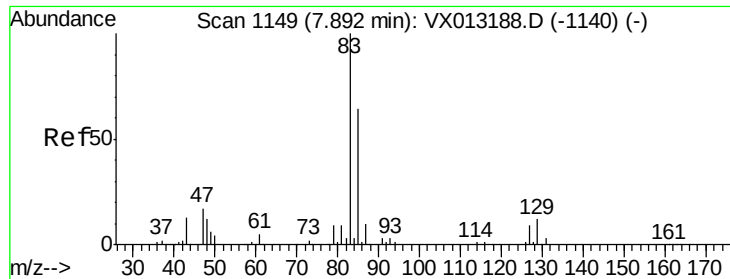
Tot Ion: 63 Resp: 69177
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.3 37.9



#46
 Dibromomethane
 Concen: 51.436 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

Tgt Ion: 93 Resp: 51624
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.2 99.4
 174 105.6 85.2 127.8

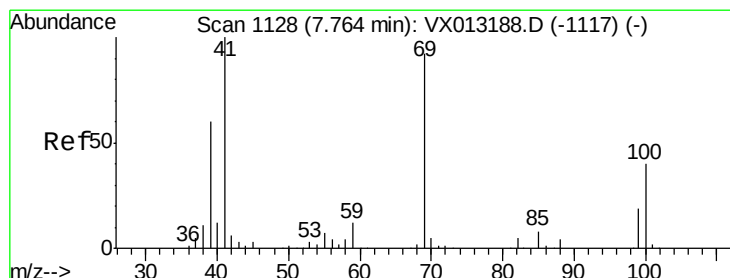
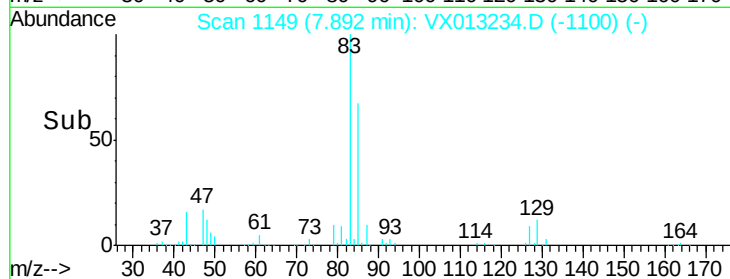
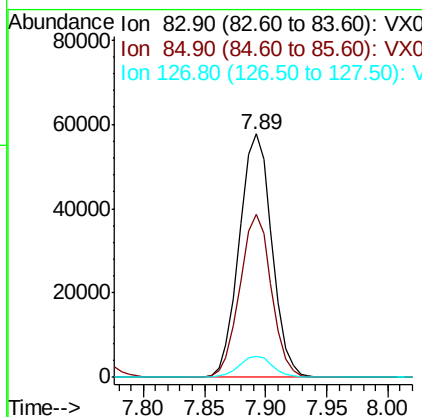
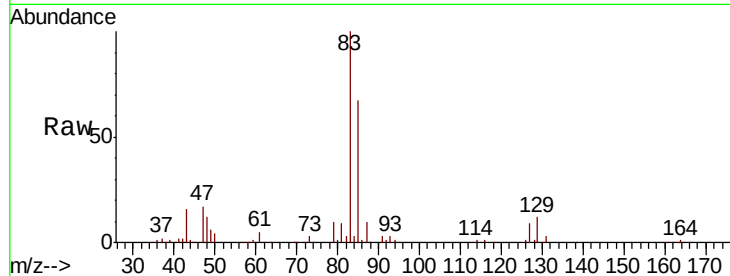




#47
 Bromodichloromethane
 Concen: 54.450 ug/l
 RT: 7.89 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

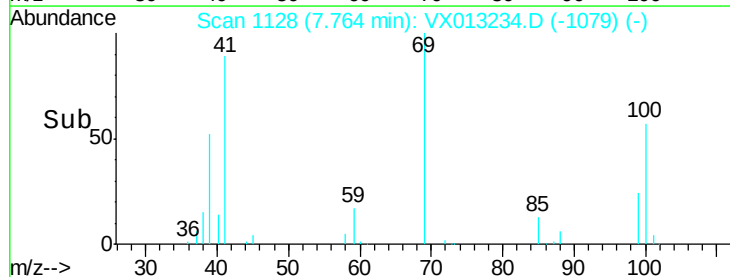
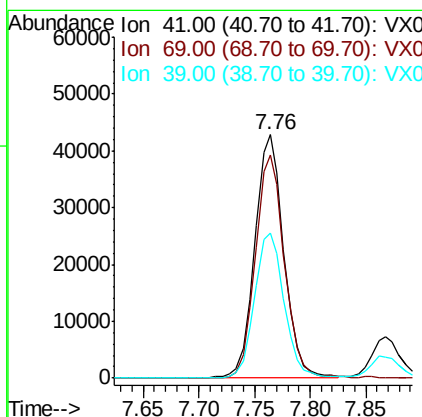
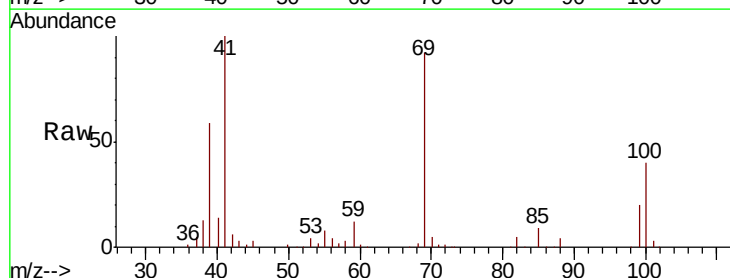
Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MSD

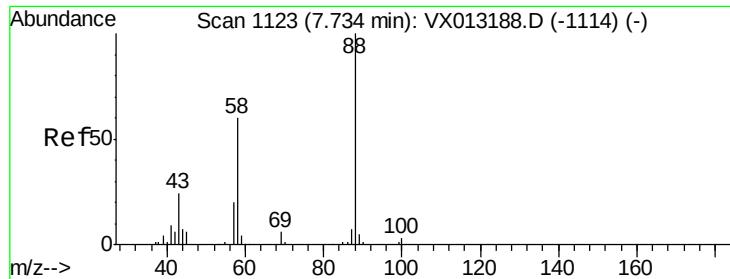
Tot Ion: 83 Resp: 106501
 Ion Ratio Lower Upper
 83 100
 85 66.9 51.0 76.6
 127 8.7 7.2 10.8



#48
 Methyl methacrylate
 Concen: 51.475 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

Tgt Ion: 41 Resp: 77947
 Ion Ratio Lower Upper
 41 100
 69 91.7 72.0 108.0
 39 60.9 47.4 71.0

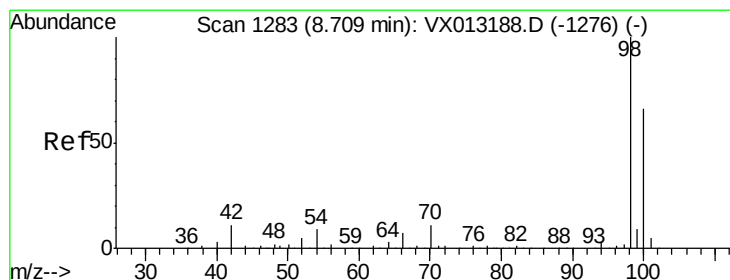
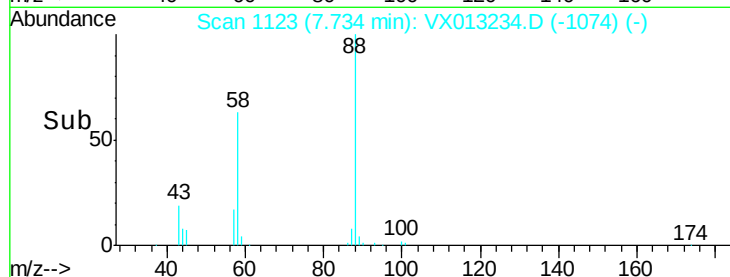
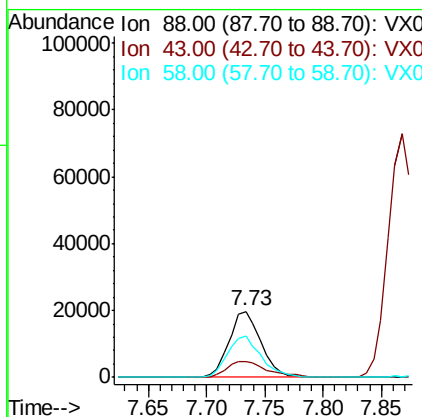
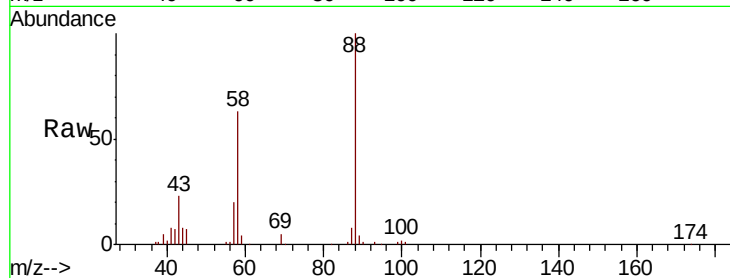




#49
 1,4-Dioxane
 Concen: 983.060 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

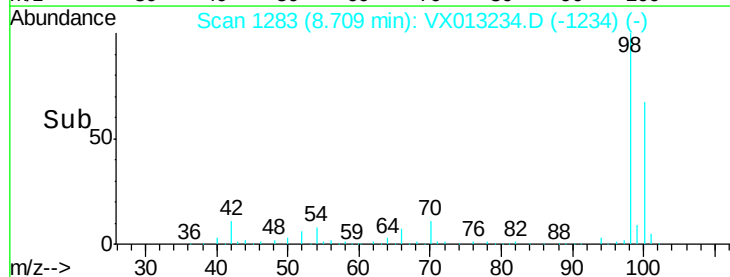
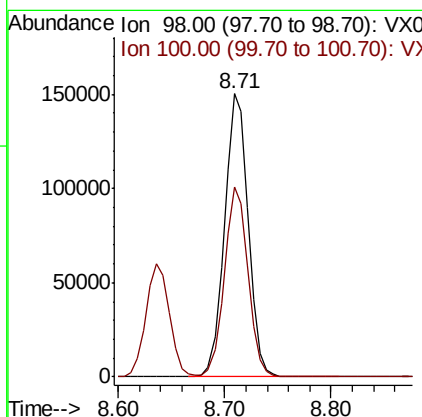
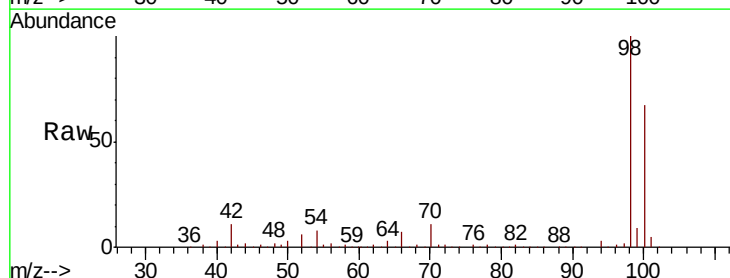
Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MSD

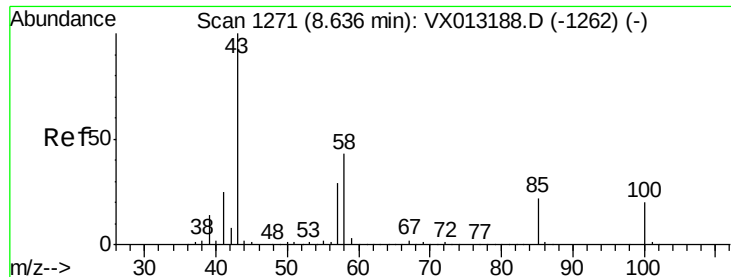
Tot Ion	88	Resp	37887
Ion	Ratio	Lower	Upper
88	100		
43	31.1	24.5	36.7
58	65.7	54.1	81.1



#50
 Toluene-d8
 Concen: 51.115 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

Tgt Ion	98	Resp	233912
Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 260.318 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

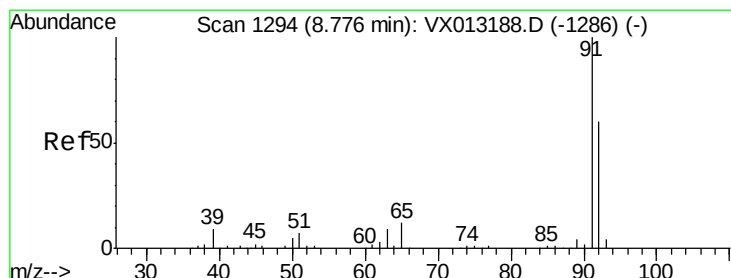
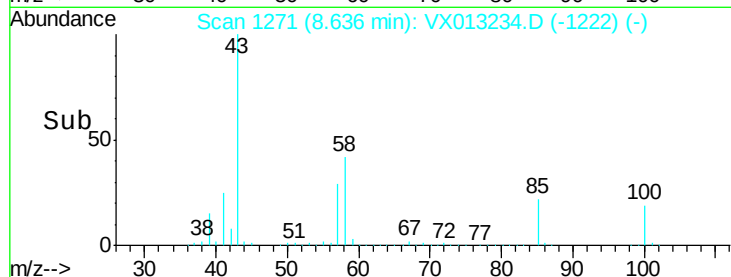
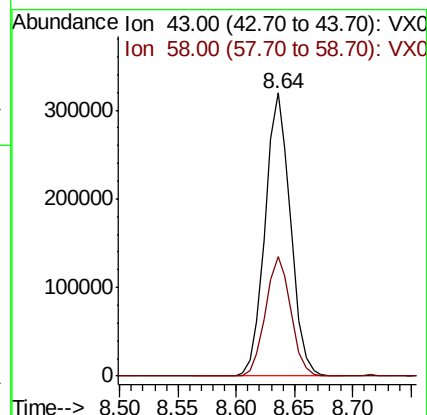
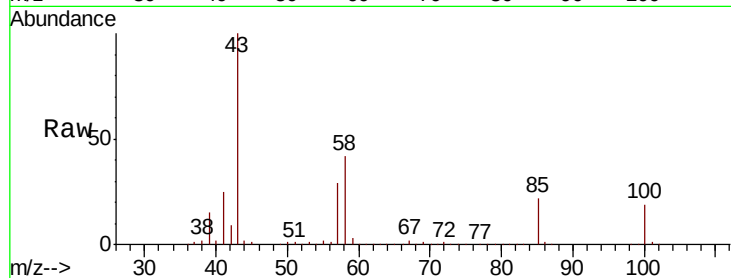
GW809-8.0-13.0-102419MSD

Tot Ion: 43 Resp: 486129

Ion Ratio Lower Upper

43 100

58 42.2 33.9 50.9



#52

Toluene

Concen: 49.631 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX013234.D

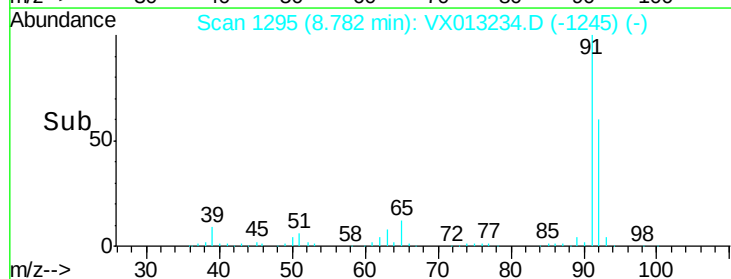
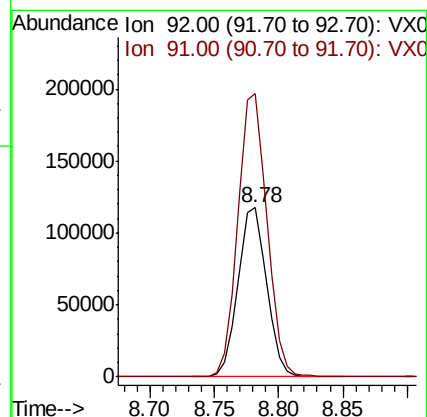
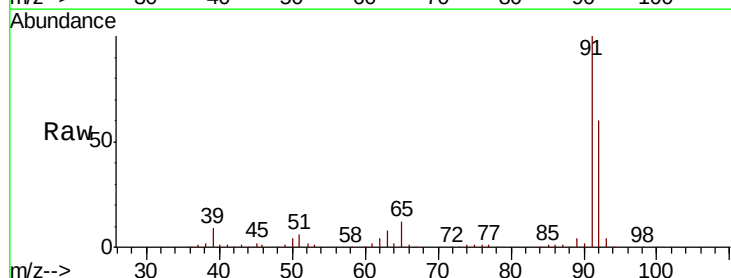
Acq: 25 Oct 2019 16:27

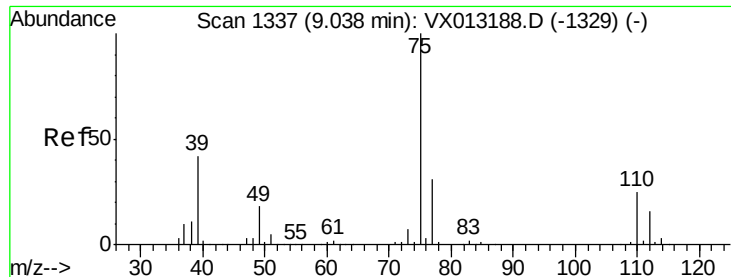
Tgt Ion: 92 Resp: 182942

Ion Ratio Lower Upper

92 100

91 170.2 133.9 200.9

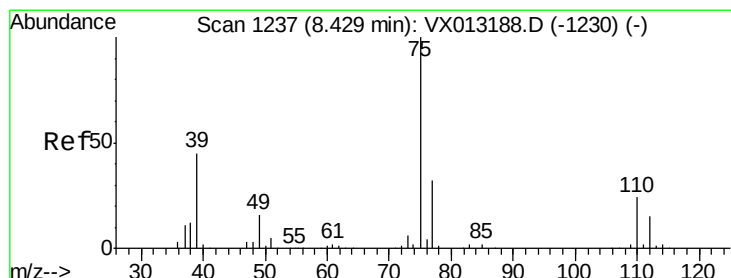
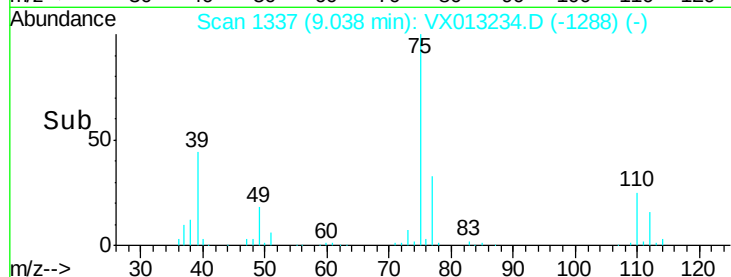
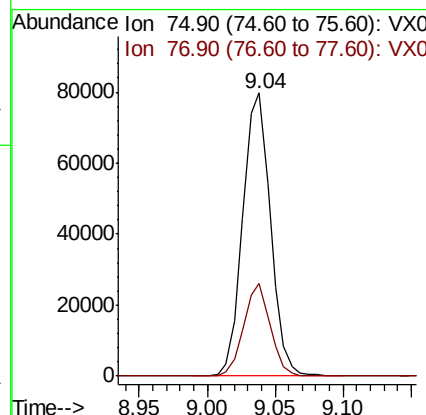
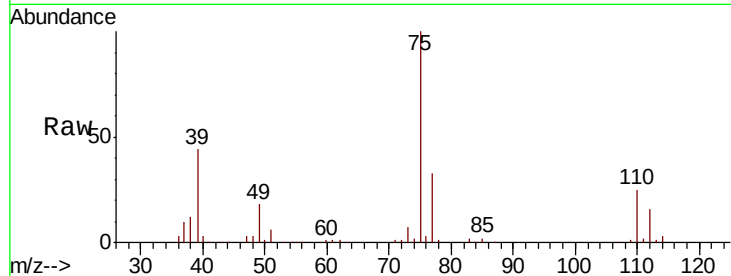




#53
 t-1,3-Dichloropropene
 Concen: 54.713 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

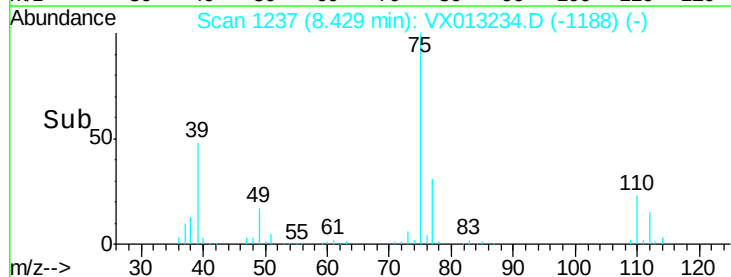
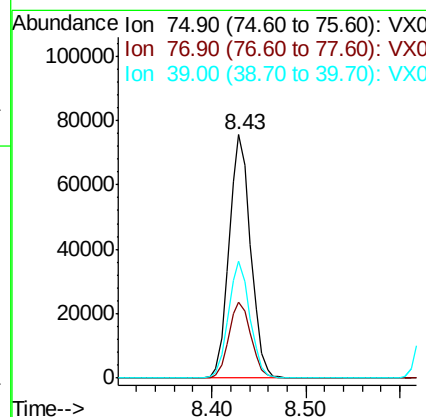
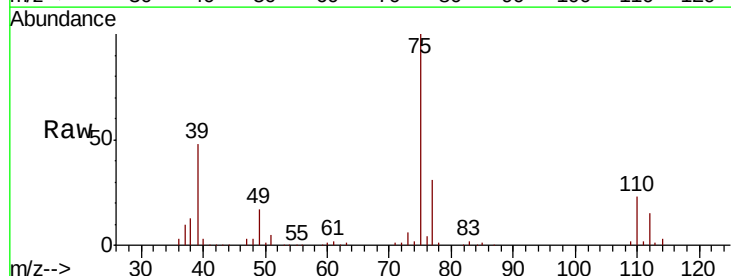
Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MSD

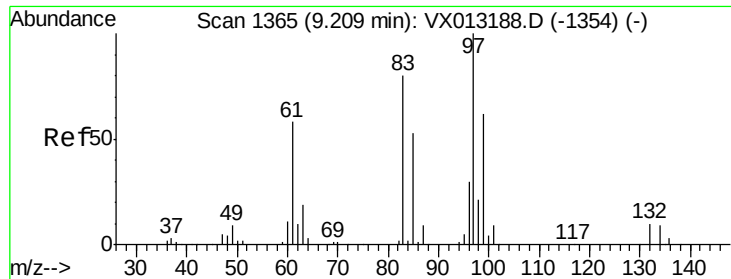
Tot Ion: 75 Resp: 113723
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.7 37.1



#54
 cis-1,3-Dichloropropene
 Concen: 52.597 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

Tgt Ion: 75 Resp: 119594
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0
 39 48.2 36.2 54.4

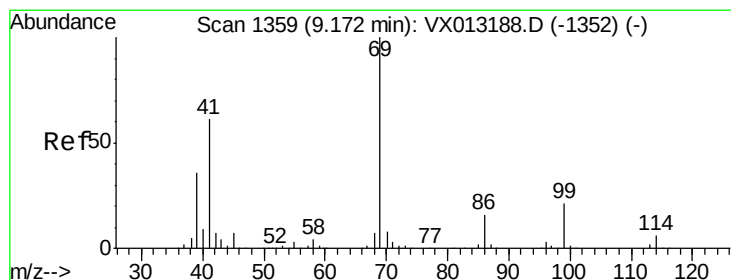
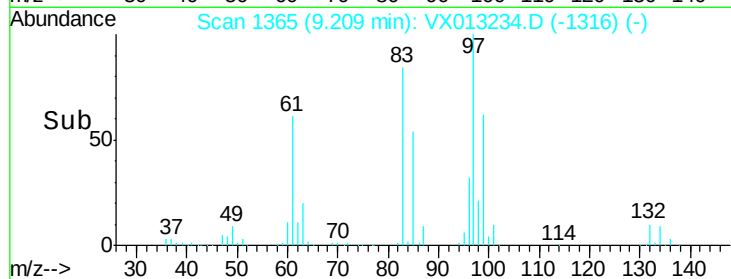
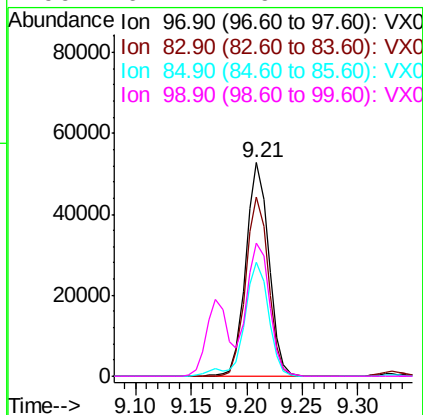
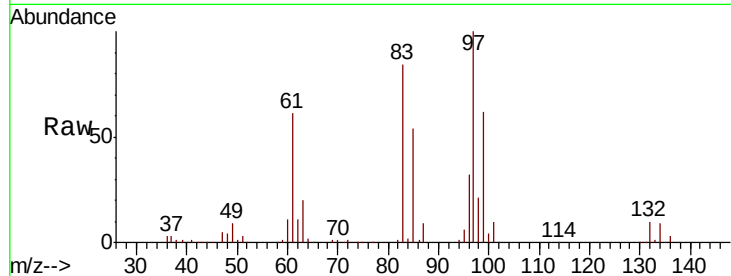




#55
 1,1,2-Trichloroethane
 Concen: 51.940 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

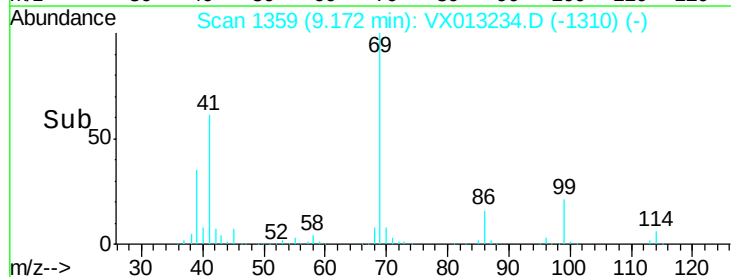
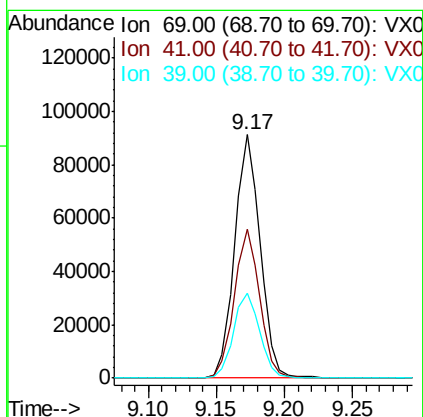
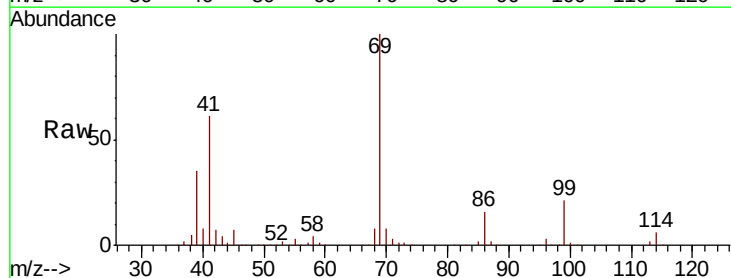
Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MSD

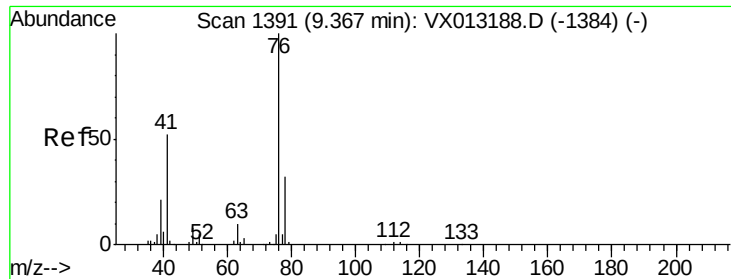
Tot Ion:	97	Resp:	75693
Ion	Ratio	Lower	Upper
97	100		
83	83.7	64.1	96.1
85	53.6	42.1	63.1
99	62.1	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 54.368 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

Tgt Ion:	69	Resp:	119249
Ion	Ratio	Lower	Upper
69	100		
41	61.0	49.5	74.3
39	36.4	28.3	42.5

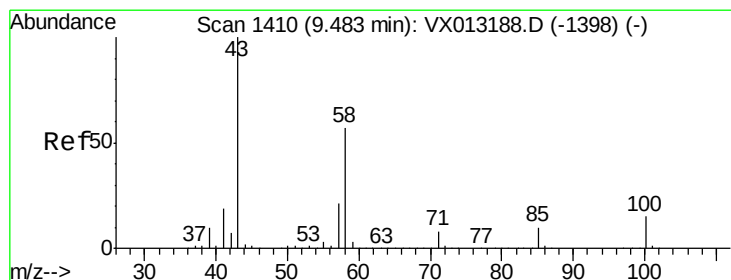
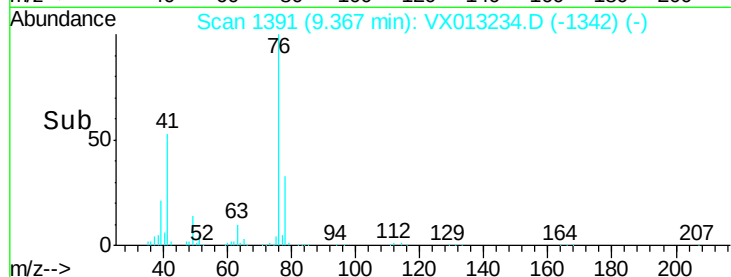
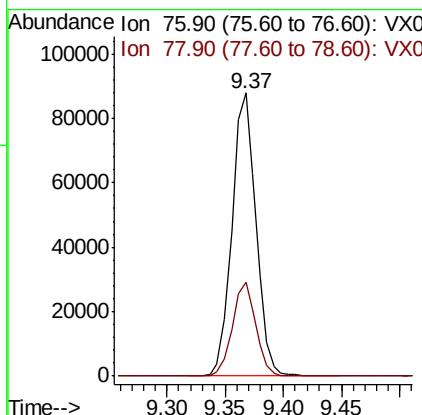
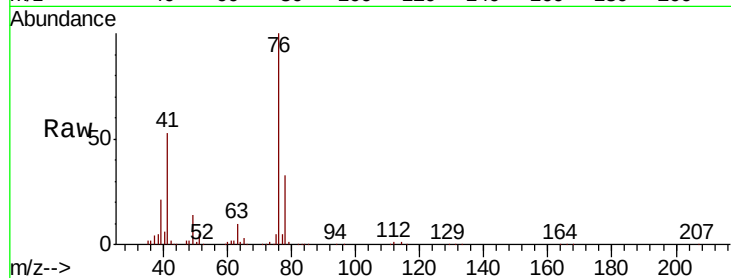




#57
 1,3-Dichloropropane
 Concen: 51.175 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

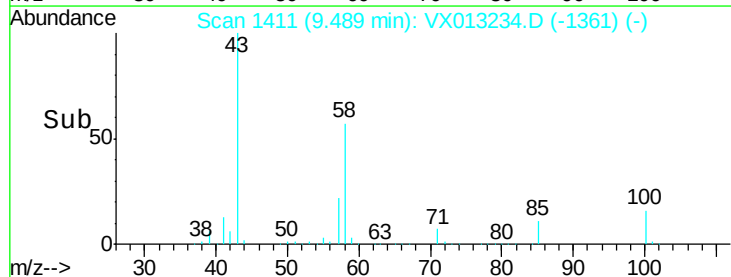
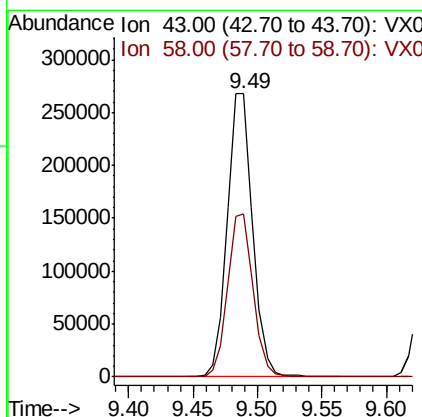
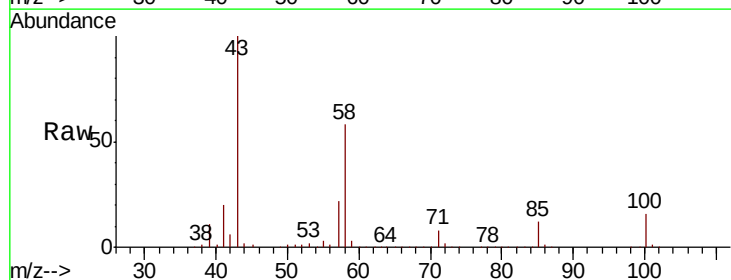
Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MSD

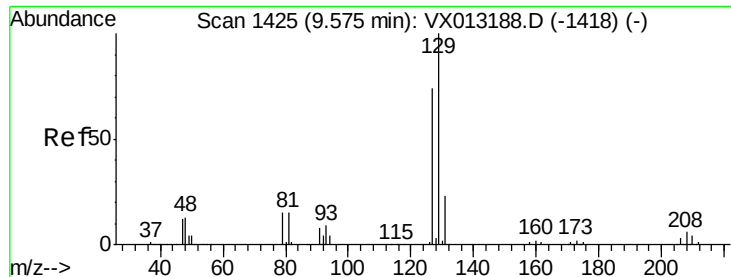
Tot Ion: 76 Resp: 125836
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.1 39.1



#59
 2-Hexanone
 Concen: 259.013 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

Tgt Ion: 43 Resp: 372585
 Ion Ratio Lower Upper
 43 100
 58 57.8 28.2 84.7





#60

Dibromochloromethane

Concen: 55.669 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

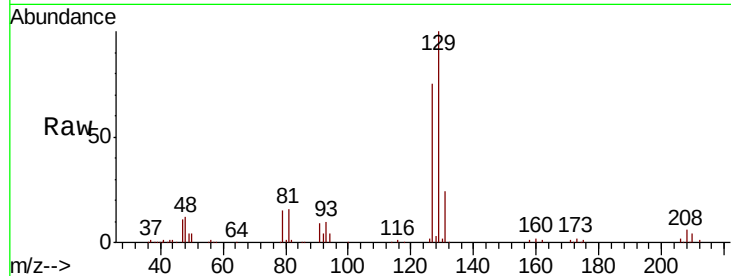
GW809-8.0-13.0-102419MSD

Tot Ion:129 Resp: 85009

Ion Ratio Lower Upper

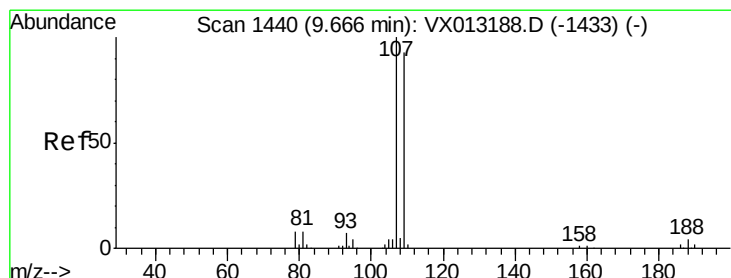
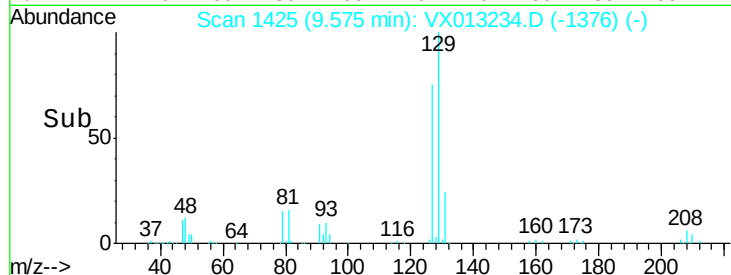
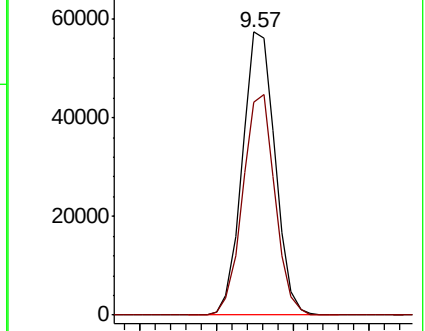
129 100

127 76.8 38.2 114.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 52.850 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013234.D

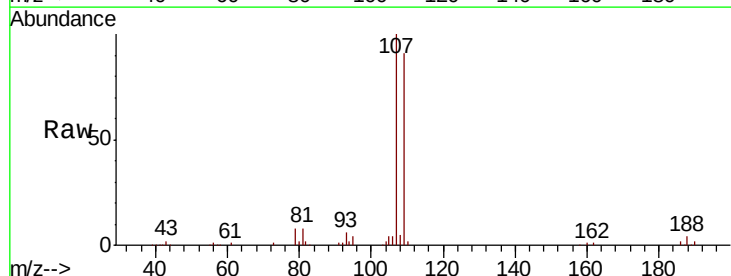
Acq: 25 Oct 2019 16:27

Tgt Ion:107 Resp: 81764

Ion Ratio Lower Upper

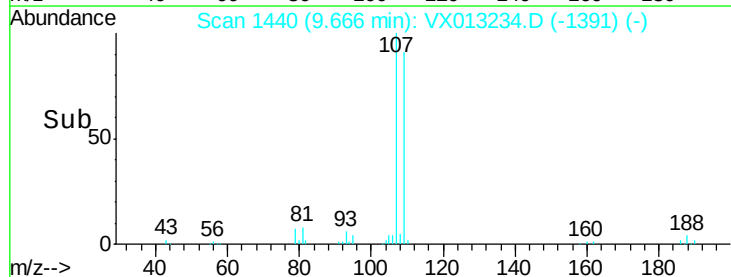
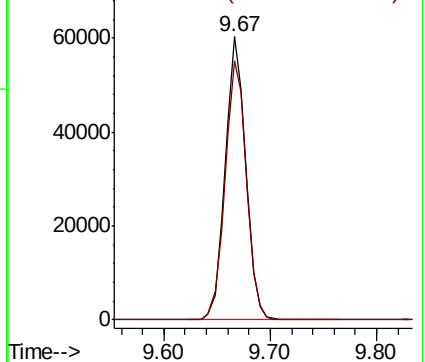
107 100

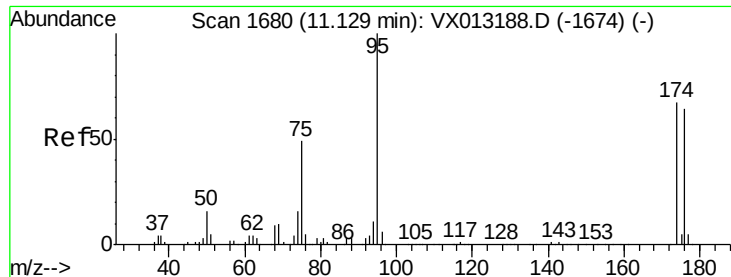
109 94.8 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 50.344 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

GW809-8.0-13.0-102419MSD

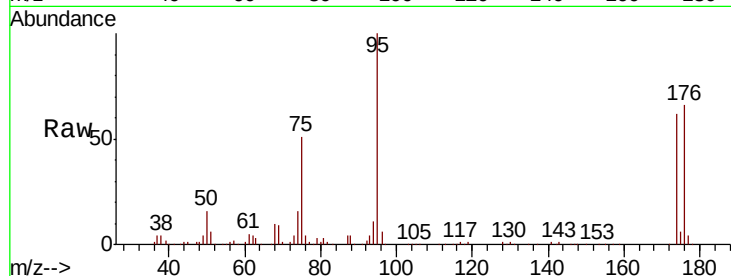
Tot Ion: 95 Resp: 91186

Ion Ratio Lower Upper

95 100

174 72.9 0.0 152.4

176 74.6 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VX013234.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX013234.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX013234.D (-1631) (-)

11.13

80000

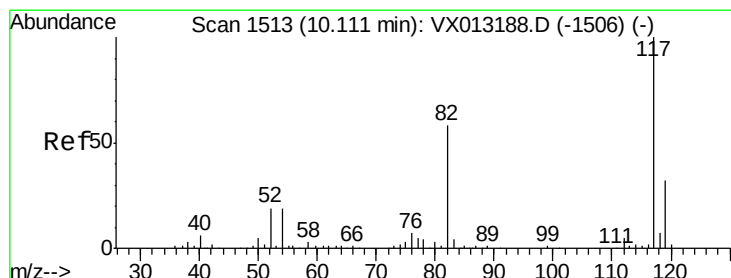
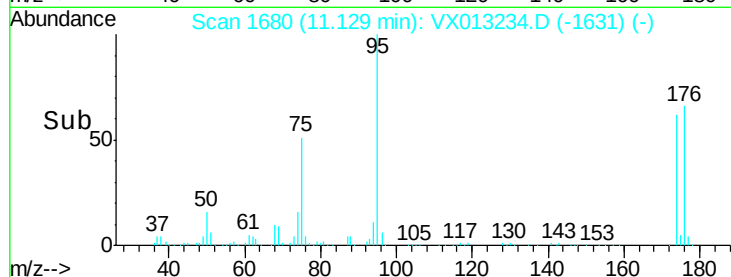
60000

40000

20000

0

Time--> 11.05 11.10 11.15 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

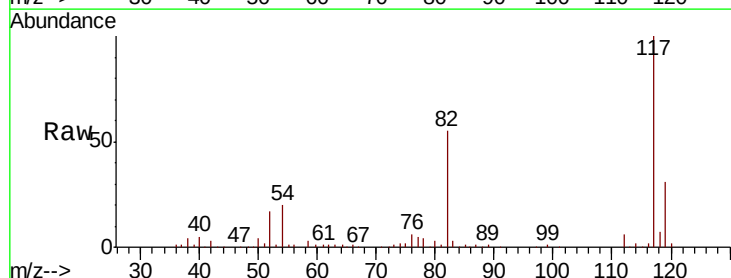
Tgt Ion: 117 Resp: 112934

Ion Ratio Lower Upper

117 100

82 55.1 46.5 69.7

119 31.4 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): VX013234.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX013234.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX013234.D (-1464) (-)

10.11

100000

80000

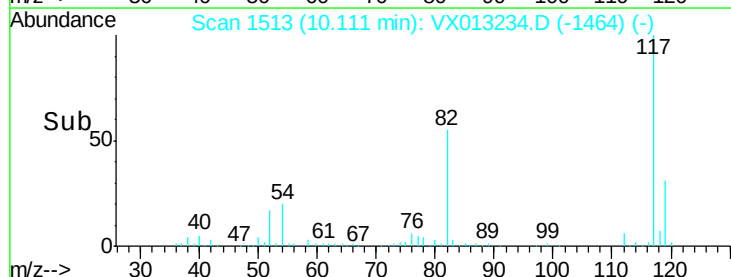
60000

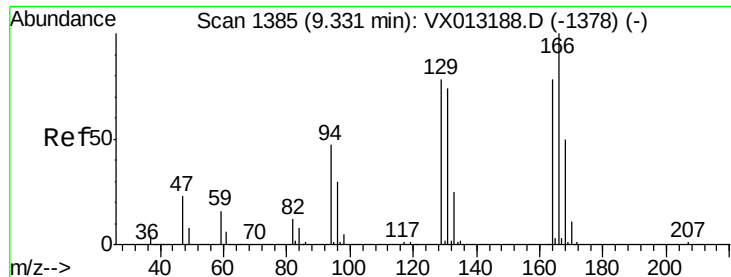
40000

20000

0

Time--> 10.10 10.20

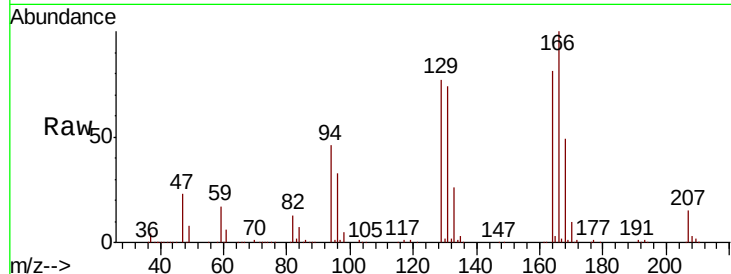




#64
Tetrachloroethene
Concen: 54.081 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013234.D
Acq: 25 Oct 2019 16:27

Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	123.3	102.2	153.4
129	94.7	79.8	119.8
131	91.6	75.3	112.9



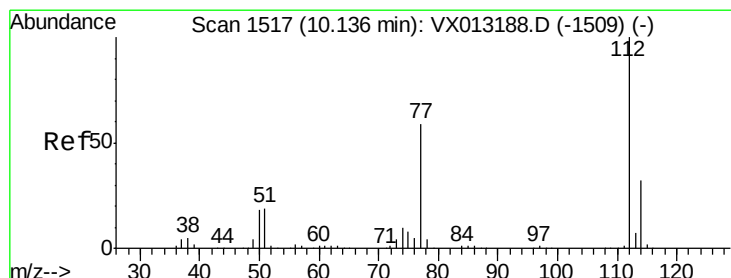
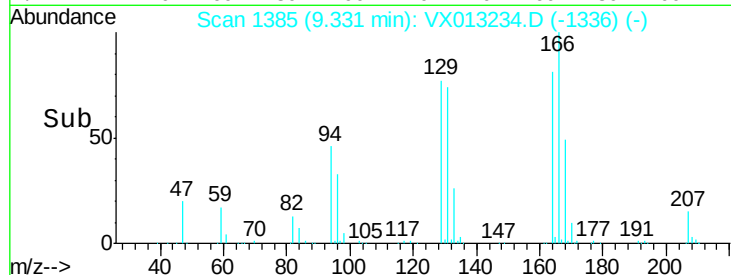
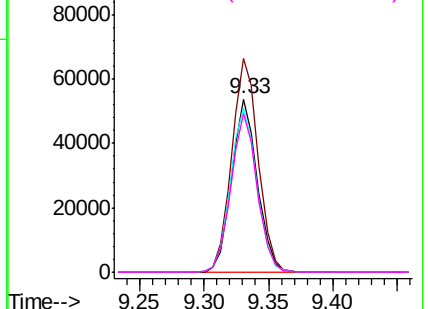
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

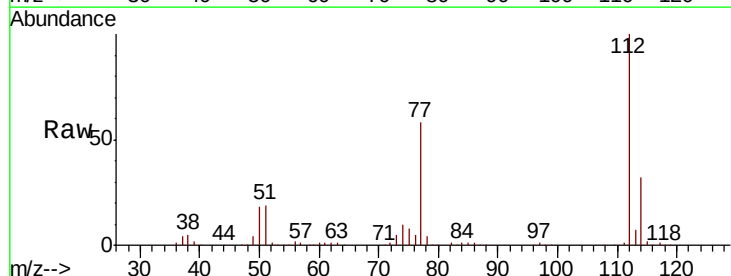
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 49.783 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013234.D
Acq: 25 Oct 2019 16:27

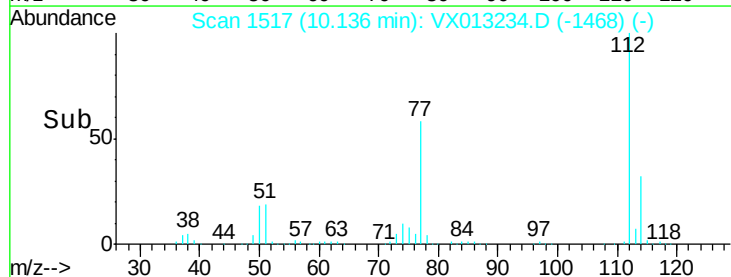
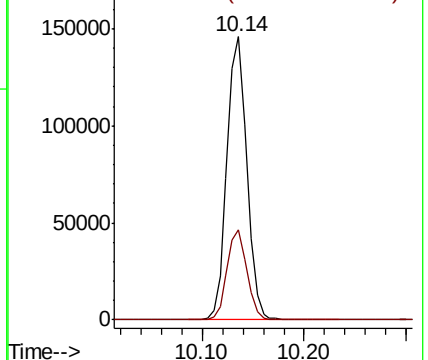
Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.8	38.8

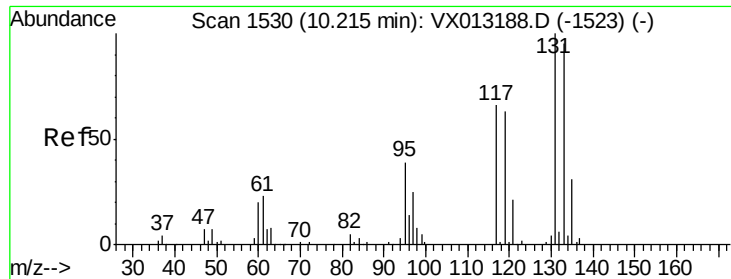


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

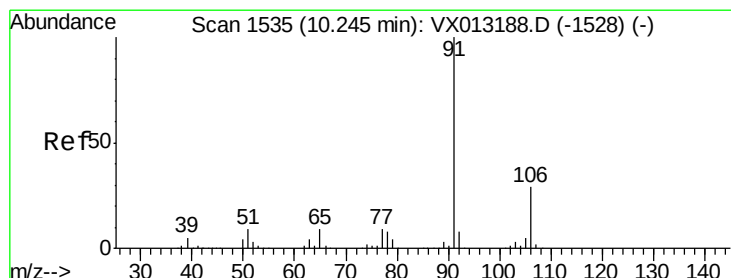
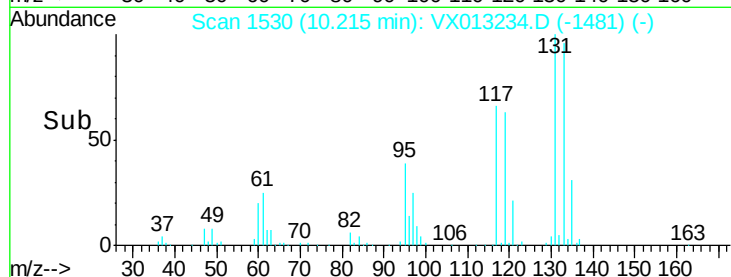
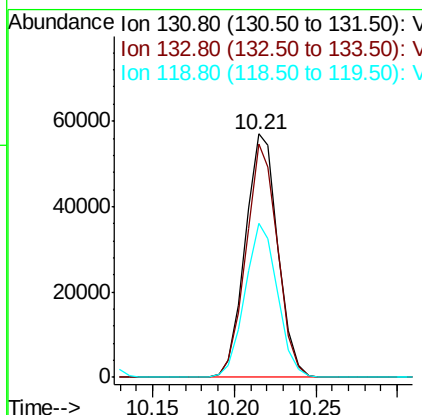
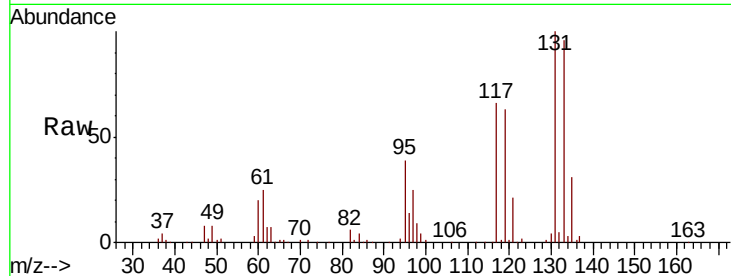




#66
 1,1,1,2-Tetrachloroethane
 Concen: 54.384 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

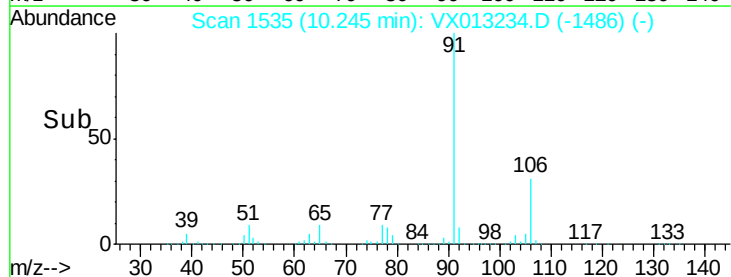
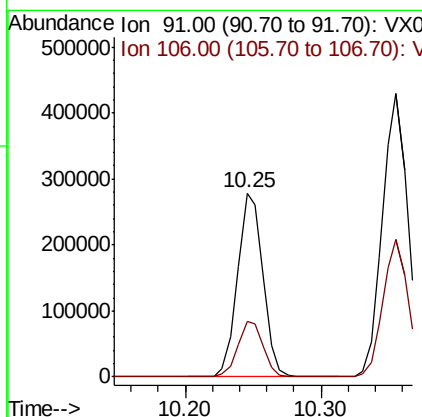
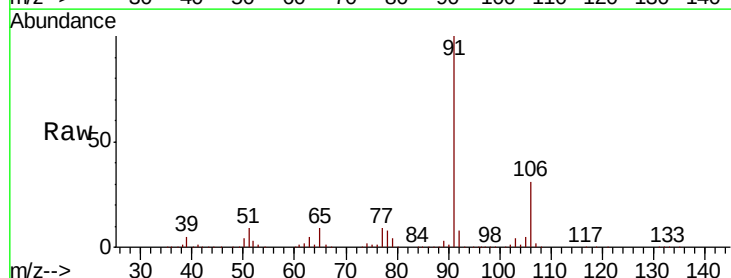
Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MSD

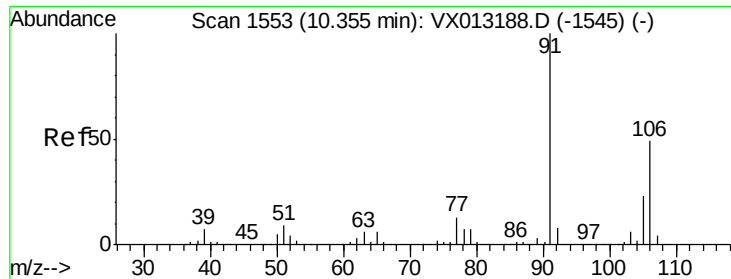
Tot Ion:131 Resp: 79423
 Ion Ratio Lower Upper
 131 100
 133 93.0 48.4 145.2
 119 62.9 32.4 97.0



#67
 Ethyl Benzene
 Concen: 51.071 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

Tgt Ion: 91 Resp: 361451
 Ion Ratio Lower Upper
 91 100
 106 30.5 23.5 35.3

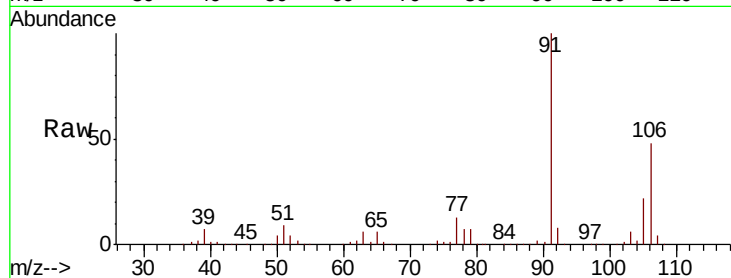




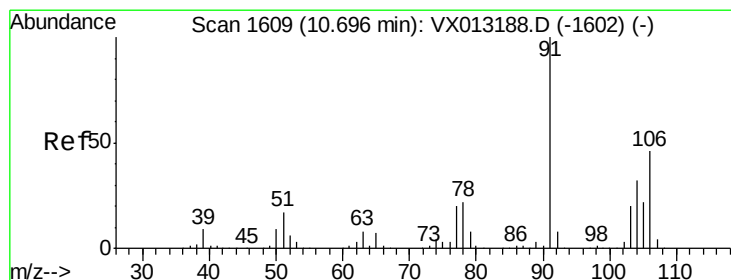
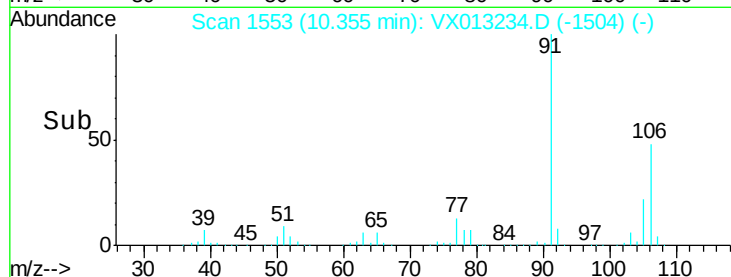
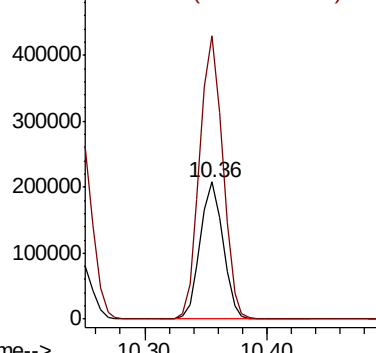
#68
m/p-Xylenes
Concen: 100.304 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013234.D
Acq: 25 Oct 2019 16:27

Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MSD

Tot Ion:106 Resp: 268280
Ion Ratio Lower Upper
106 100
91 210.0 166.8 250.2

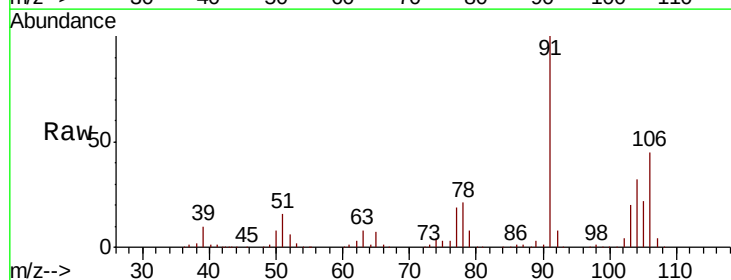


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

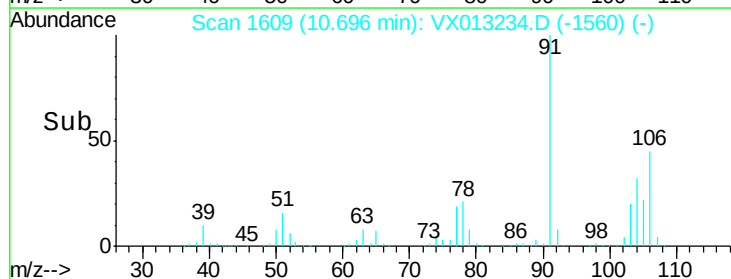
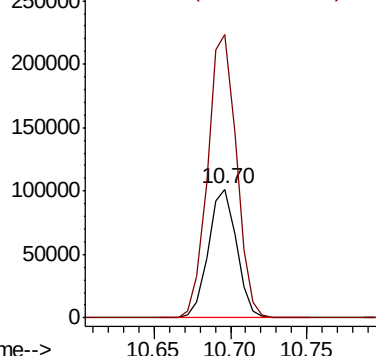


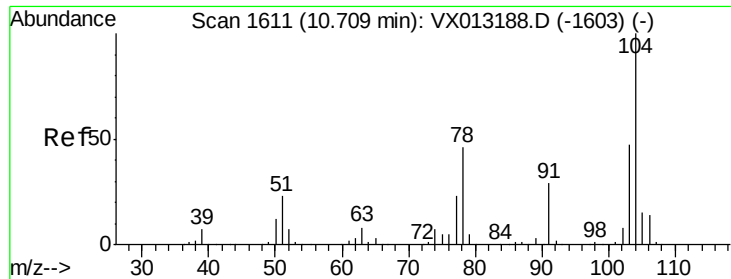
#69
o-Xylene
Concen: 50.421 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013234.D
Acq: 25 Oct 2019 16:27

Tgt Ion:106 Resp: 129367
Ion Ratio Lower Upper
106 100
91 224.6 110.7 331.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

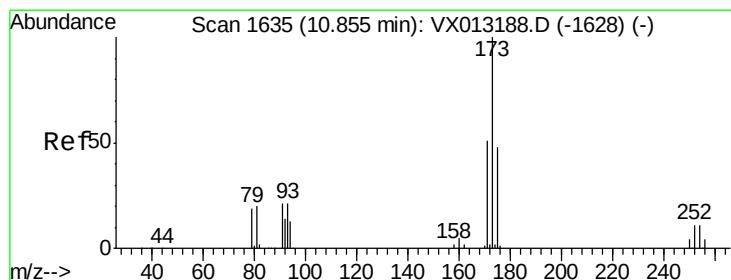
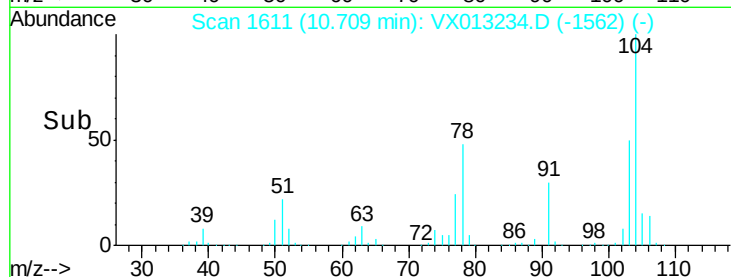
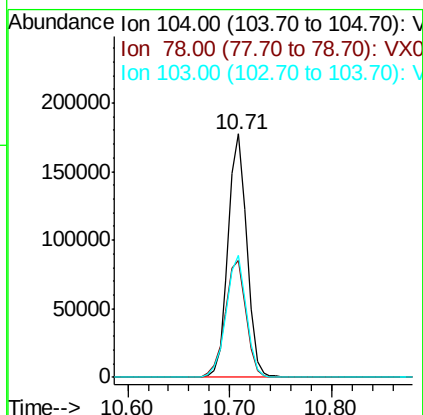
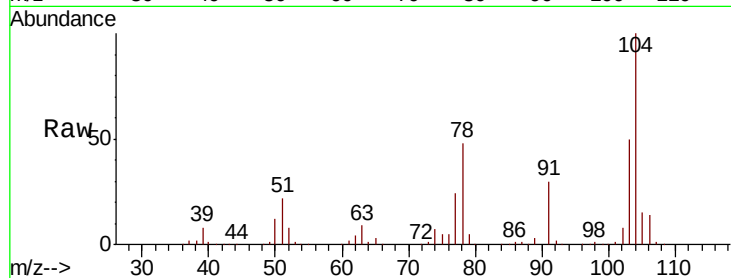




#70
Stvrene
Concen: 50.881 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013234.D
Acq: 25 Oct 2019 16:27

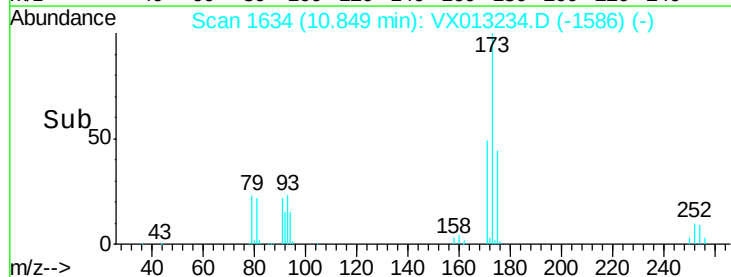
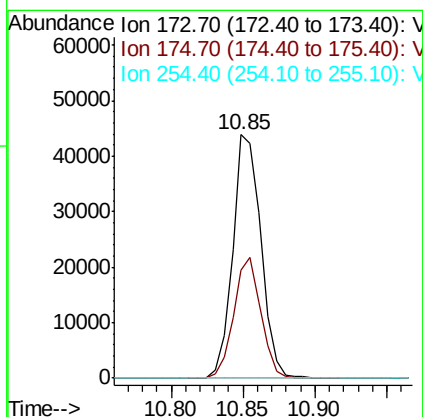
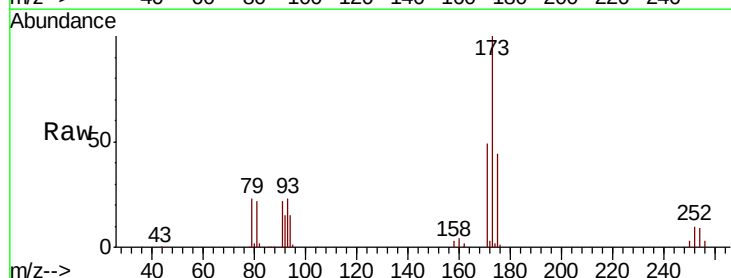
Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MSD

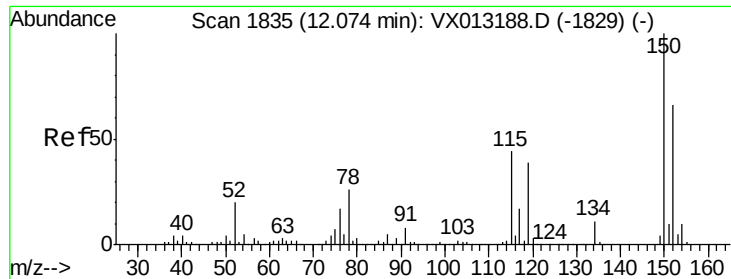
Tot Ion:104 Resp: 224794
Ion Ratio Lower Upper
104 100
78 53.5 42.2 63.4
103 54.0 42.8 64.2



#71
Bromoform
Concen: 56.135 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013234.D
Acq: 25 Oct 2019 16:27

Tgt Ion:173 Resp: 59901
Ion Ratio Lower Upper
173 100
175 47.6 24.3 72.8
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

GW809-8.0-13.0-102419MSD

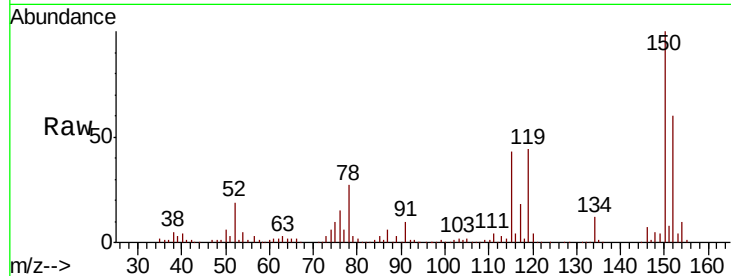
Tot Ion:152 Resp: 76011

Ion Ratio Lower Upper

152 100

115 93.7 46.6 139.8

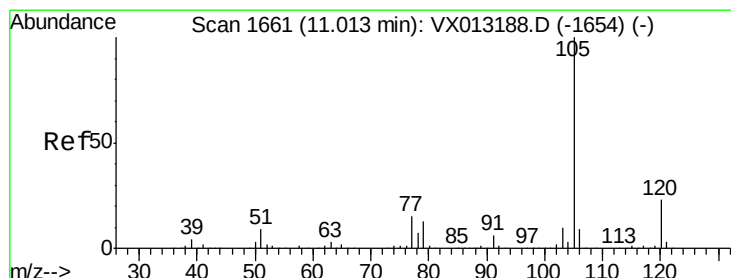
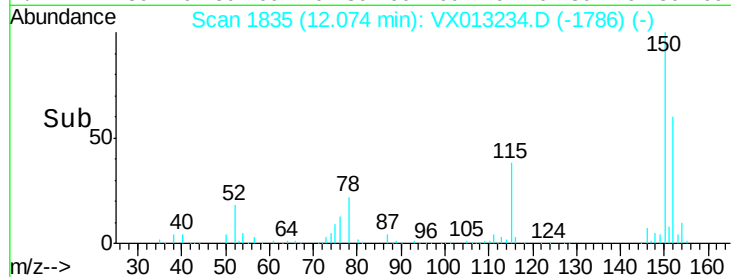
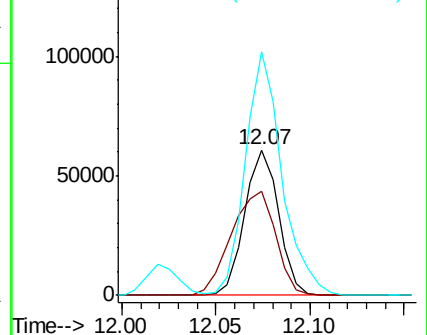
150 181.0 0.0 354.0



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: 51.179 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013234.D

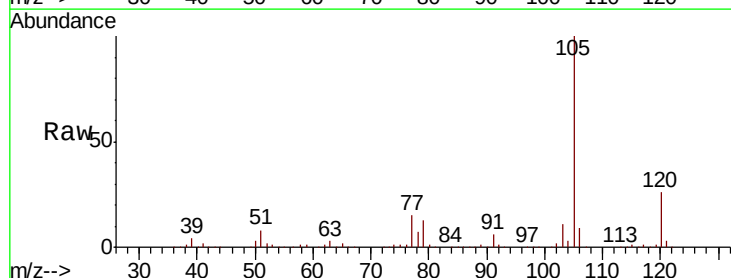
Acq: 25 Oct 2019 16:27

Tgt Ion:105 Resp: 353261

Ion Ratio Lower Upper

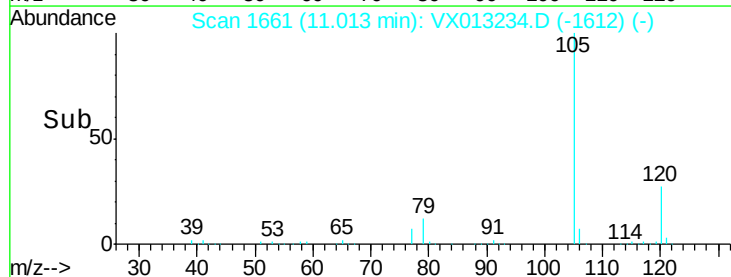
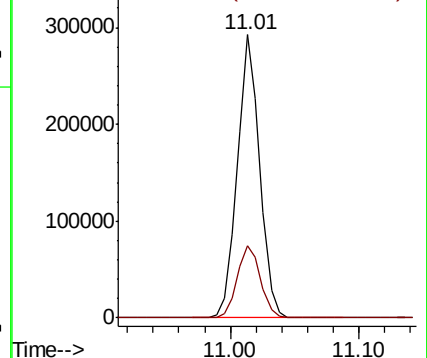
105 100

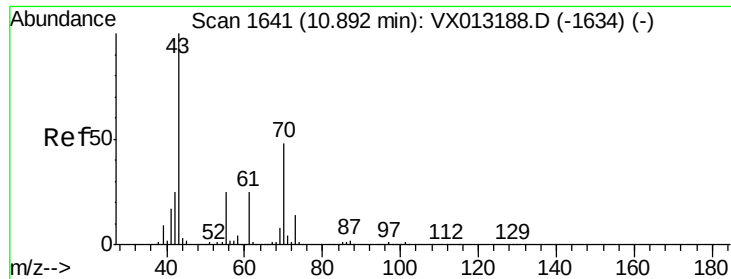
120 26.6 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 53.122 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

GW809-8.0-13.0-102419MSD

Tot Ion: 43 Resp: 134581

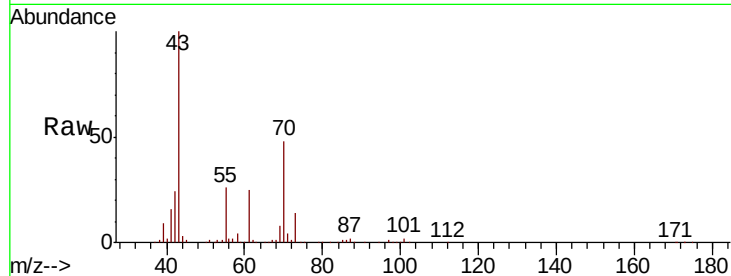
Ion Ratio Lower Upper

43 100

70 48.3 38.5 57.7

55 25.9 20.7 31.1

61 25.9 20.8 31.2

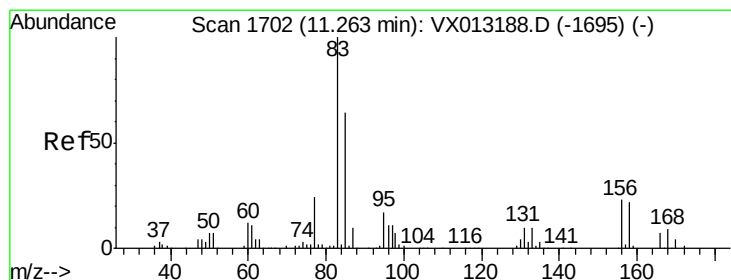
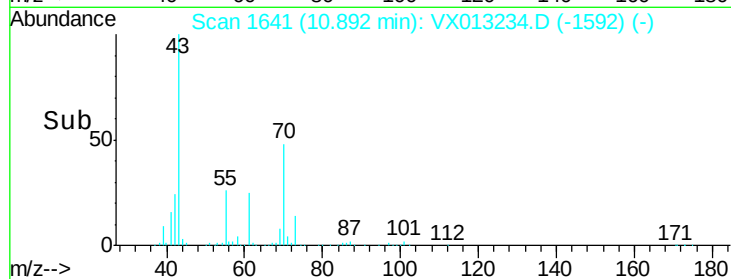
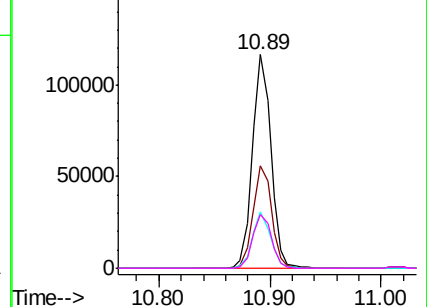


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 53.888 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

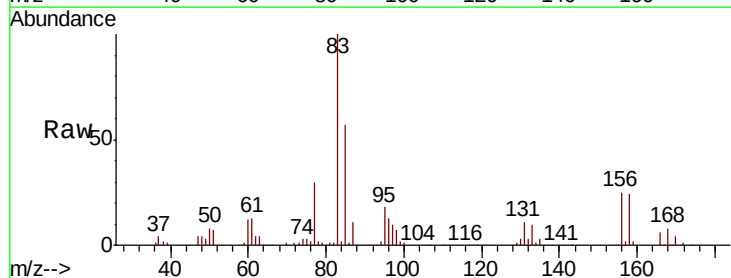
Tgt Ion: 83 Resp: 112941

Ion Ratio Lower Upper

83 100

131 10.9 5.3 16.1

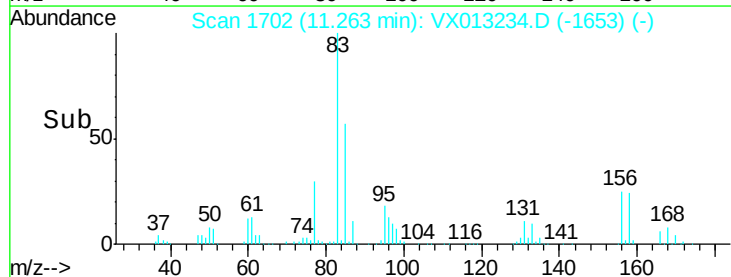
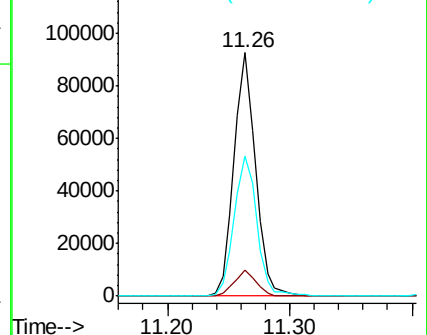
85 60.6 31.4 94.3

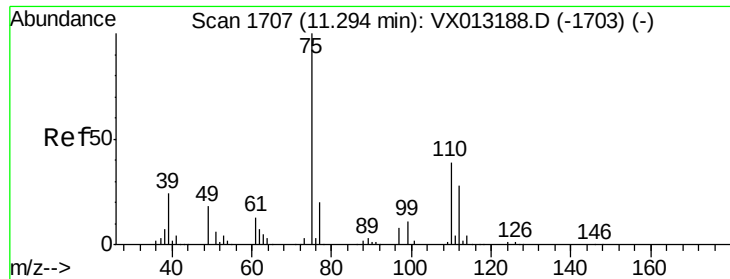


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 70.560 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

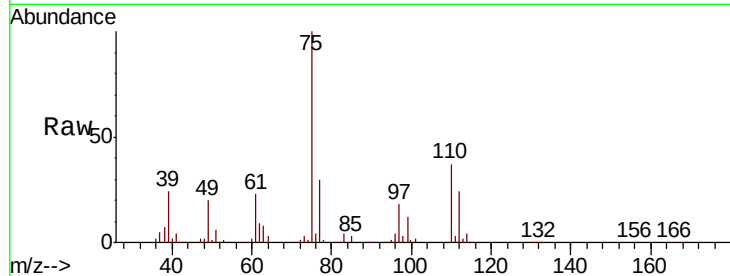
GW809-8.0-13.0-102419MSD

Tot Ion: 75 Resp: 129265

Ion Ratio Lower Upper

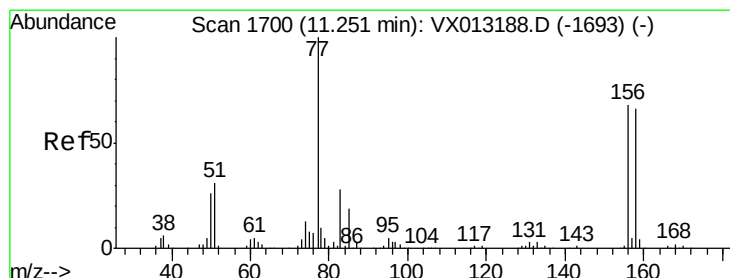
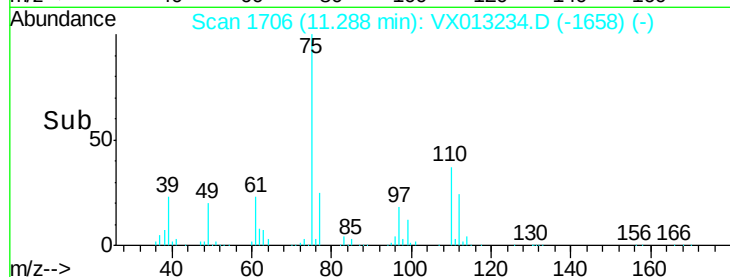
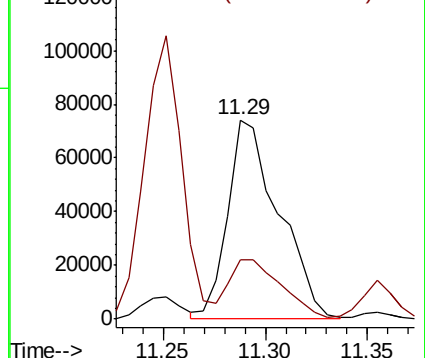
75 100

77 30.3 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: 50.689 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

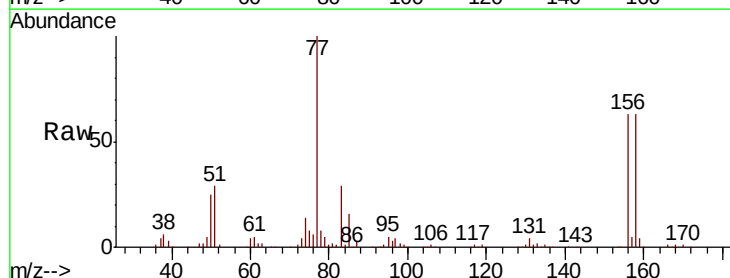
Tgt Ion: 156 Resp: 83857

Ion Ratio Lower Upper

156 100

77 161.2 81.7 245.1

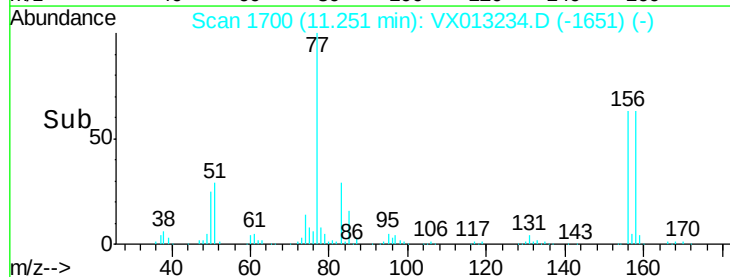
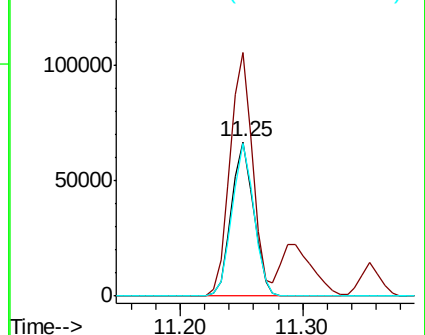
158 97.1 49.6 148.8

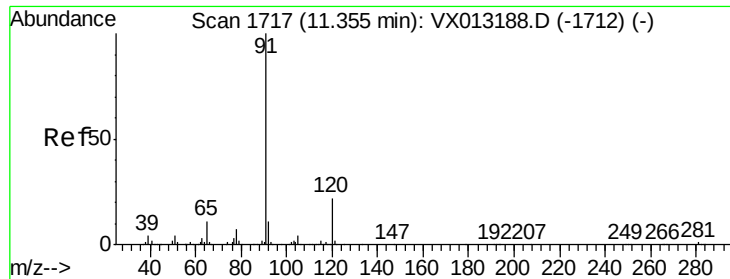


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 51.524 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

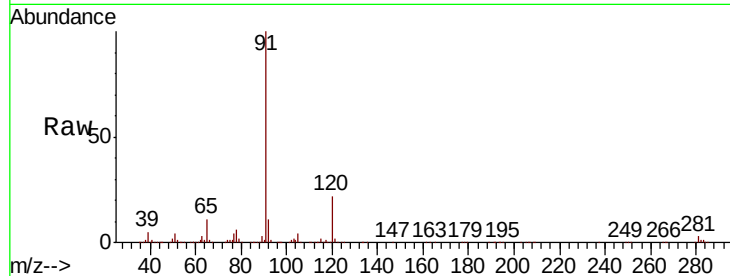
GW809-8.0-13.0-102419MSD

Tot Ion: 91 Resp: 386318

Ion Ratio Lower Upper

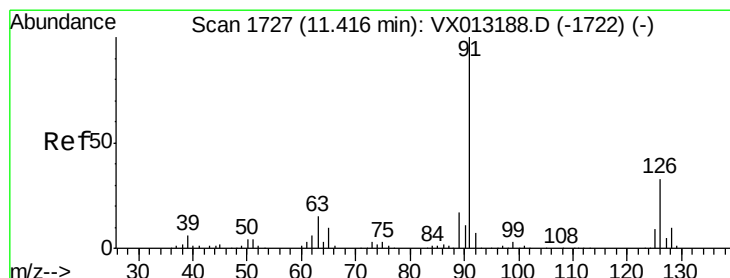
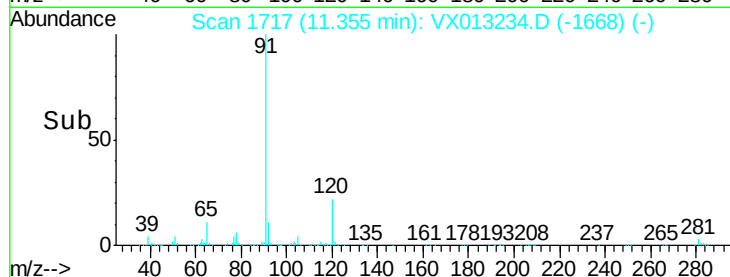
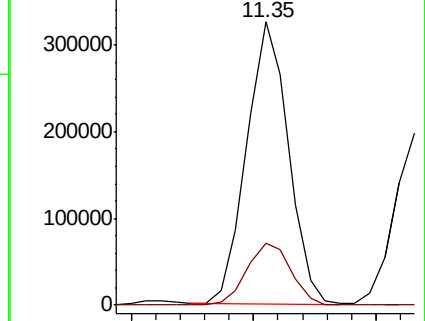
91 100

120 23.1 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 51.415 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013234.D

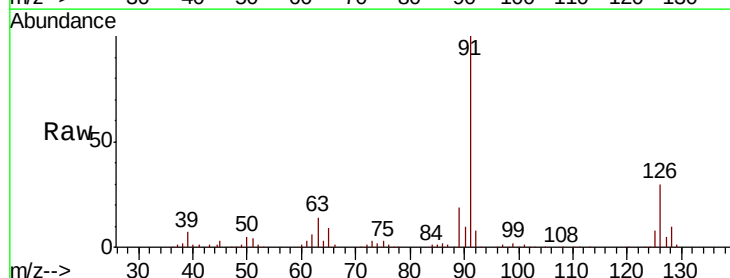
Acq: 25 Oct 2019 16:27

Tgt Ion: 91 Resp: 243569

Ion Ratio Lower Upper

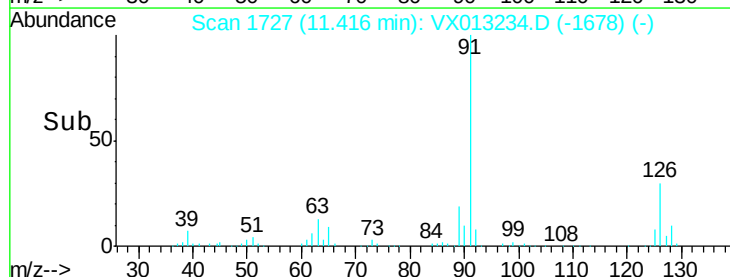
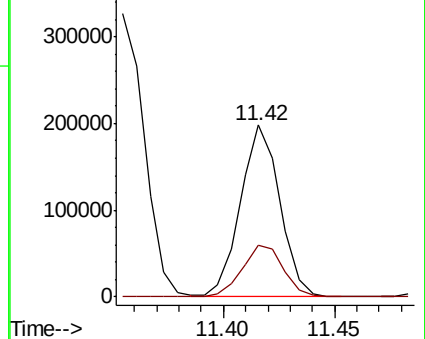
91 100

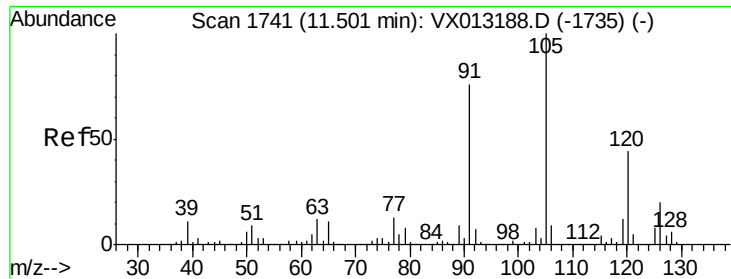
126 31.4 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

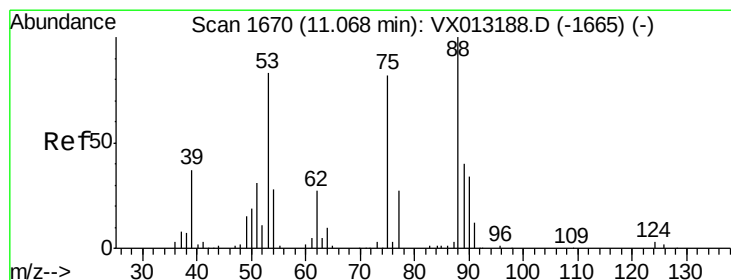
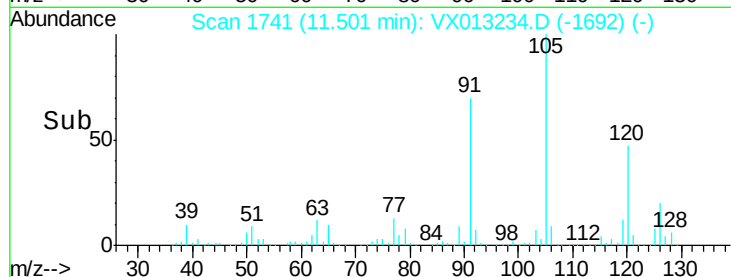
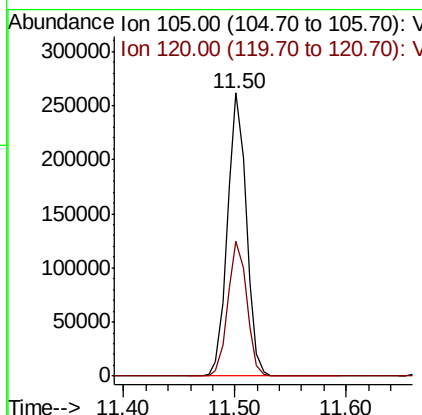
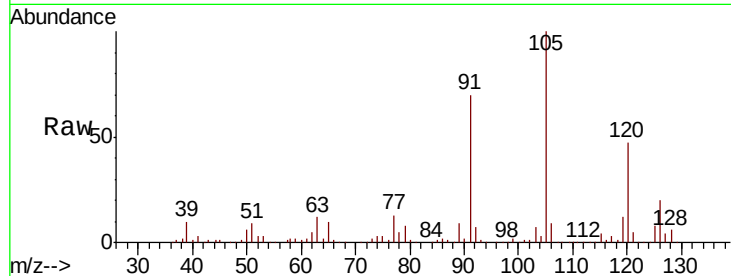




#80
 1,3,5-Trimethylbenzene
 Concen: 53.340 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

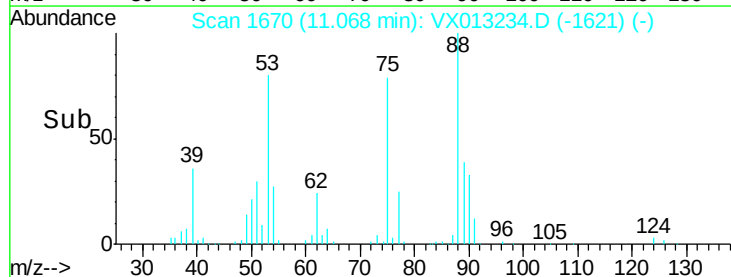
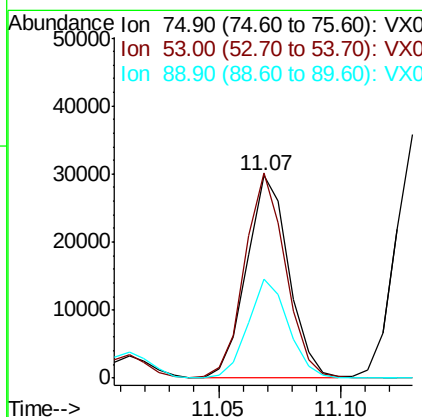
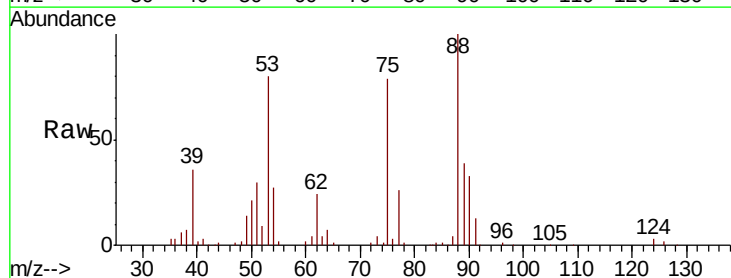
Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MSD

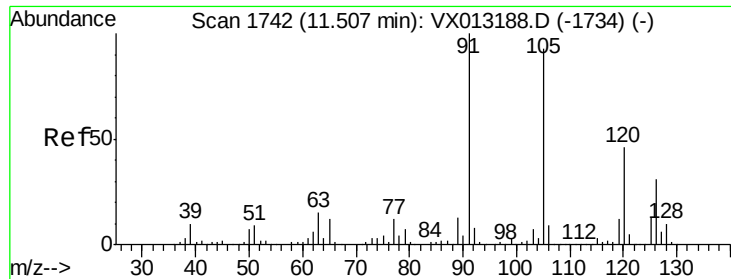
Tot Ion:105 Resp: 306024
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.4 70.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.520 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

Tgt Ion: 75 Resp: 35681
 Ion Ratio Lower Upper
 75 100
 53 98.0 77.9 116.9
 89 47.1 37.3 55.9

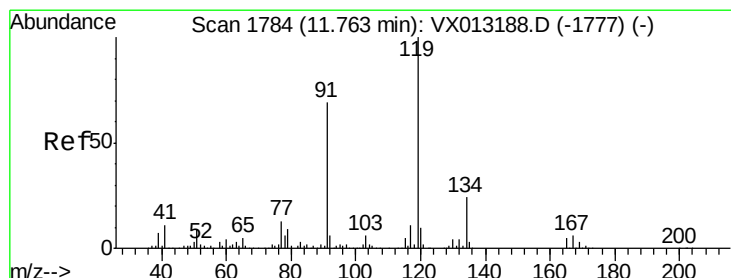
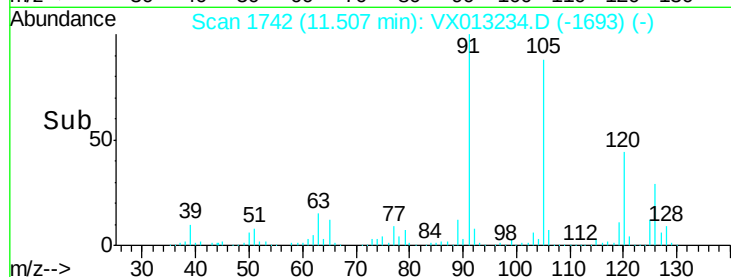
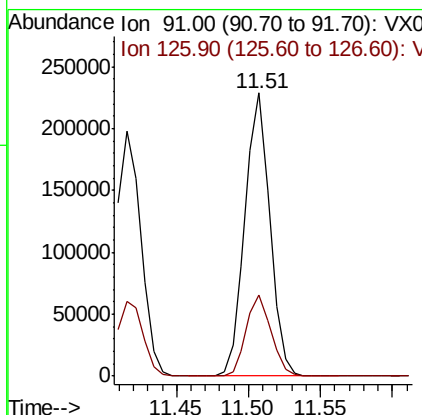
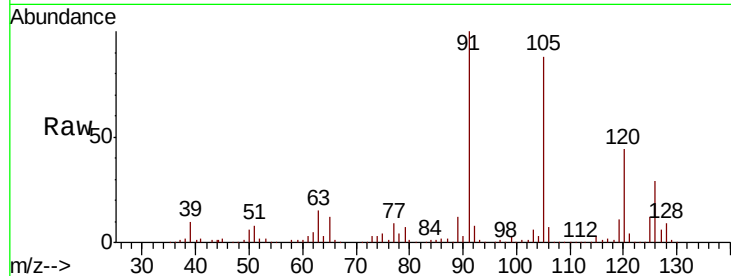




#82
4-Chlorotoluene
Concen: 51.197 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013234.D
Acq: 25 Oct 2019 16:27

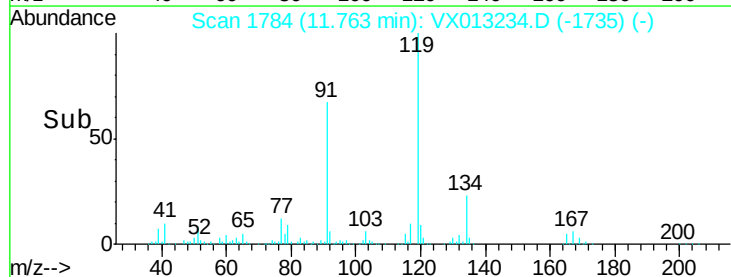
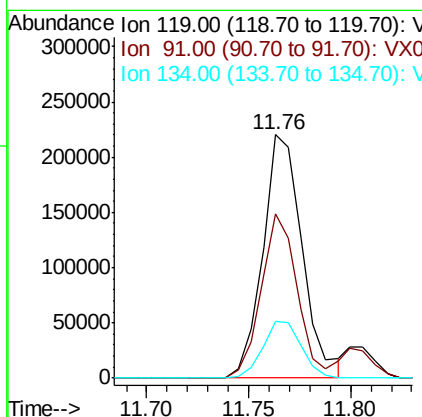
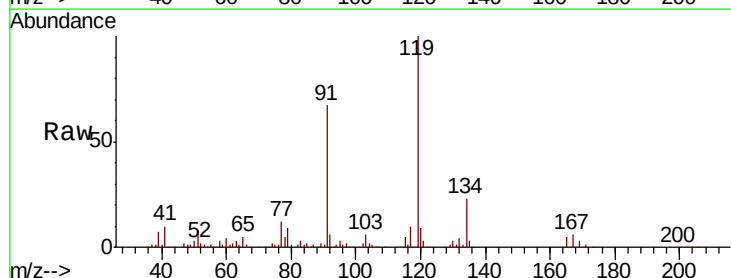
Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MSD

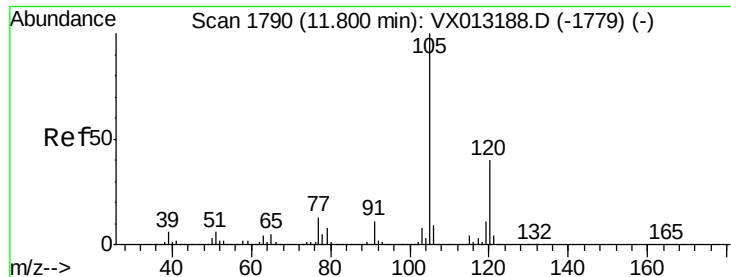
Tot Ion: 91 Resp: 274809
Ion Ratio Lower Upper
91 100
126 28.5 14.6 44.0



#83
tert-Butylbenzene
Concen: 52.313 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013234.D
Acq: 25 Oct 2019 16:27

Tgt Ion: 119 Resp: 296944
Ion Ratio Lower Upper
119 100
91 61.5 30.8 92.4
134 22.7 11.5 34.5

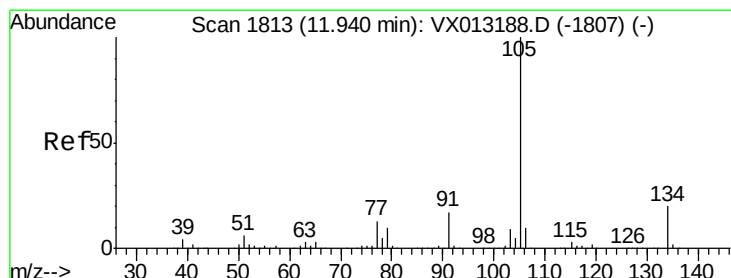
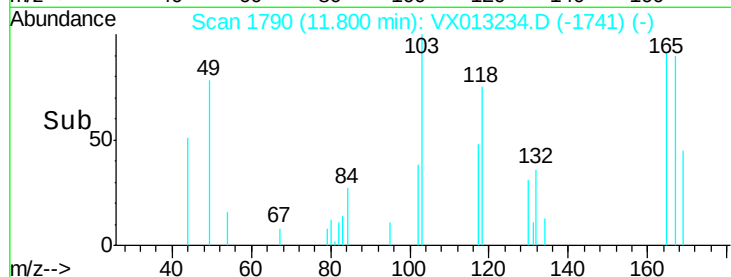
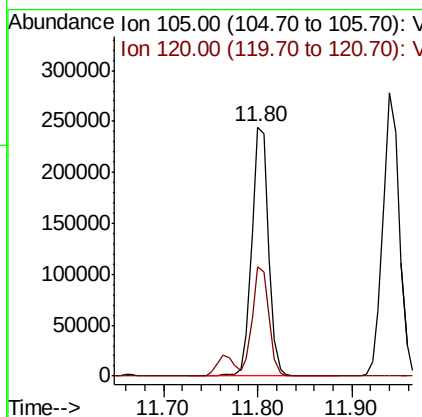
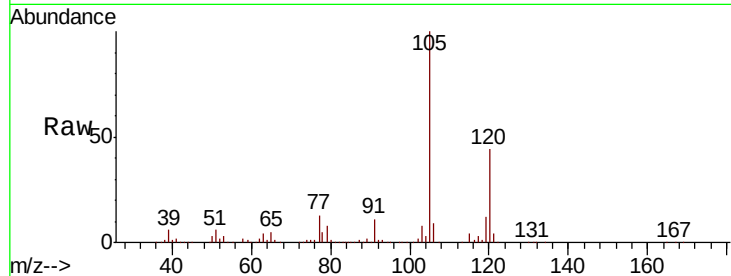




#84
 1,2,4-Trimethylbenzene
 Concen: 52.873 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

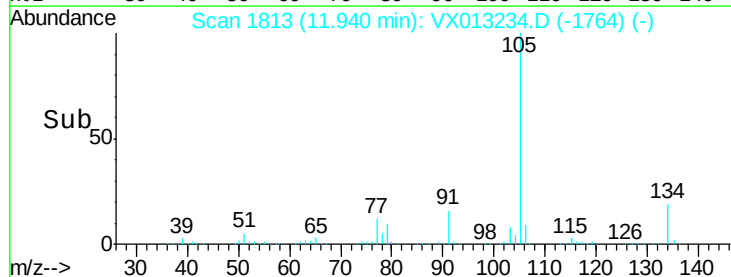
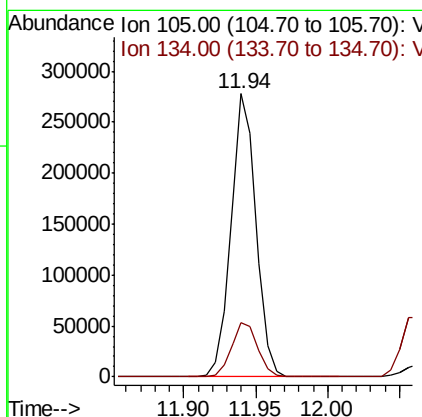
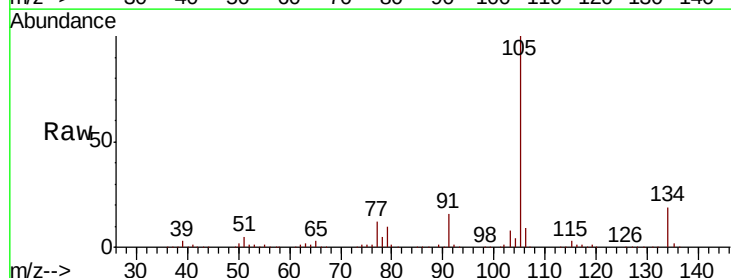
Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MSD

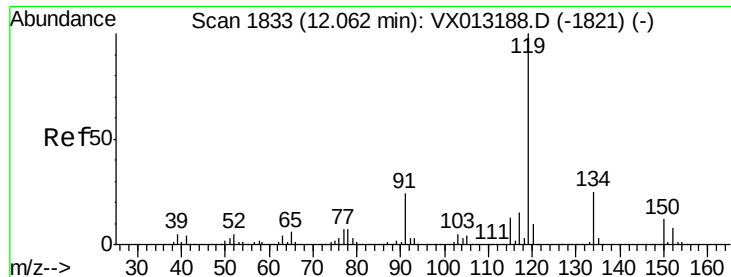
Tot Ion:105 Resp: 305978
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.4 64.3



#85
 sec-Butylbenzene
 Concen: 52.308 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

Tgt Ion:105 Resp: 337885
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.9 29.7

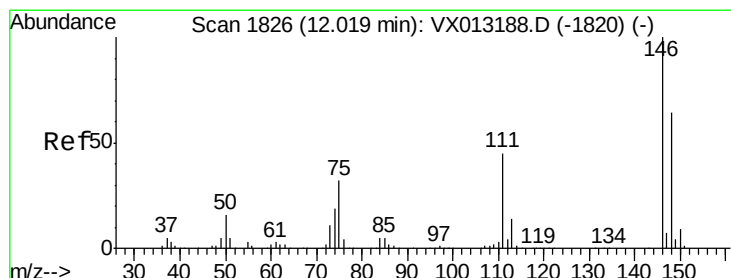
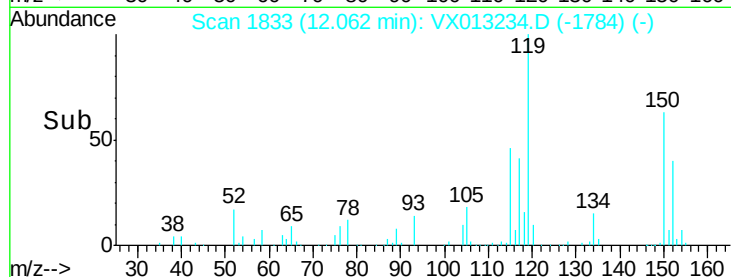
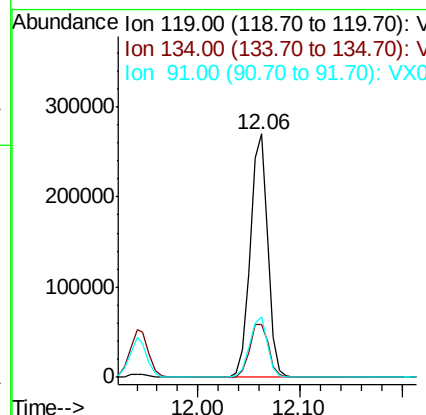
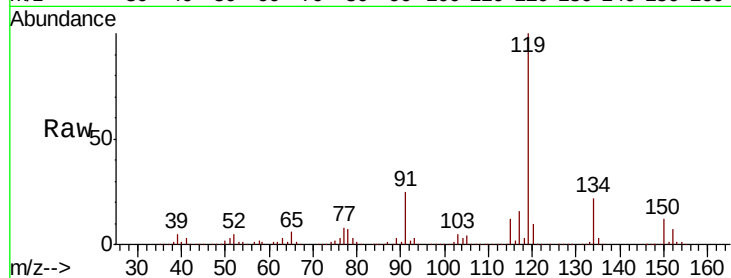




#86
 p-Isopropyltoluene
 Concen: 52.232 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

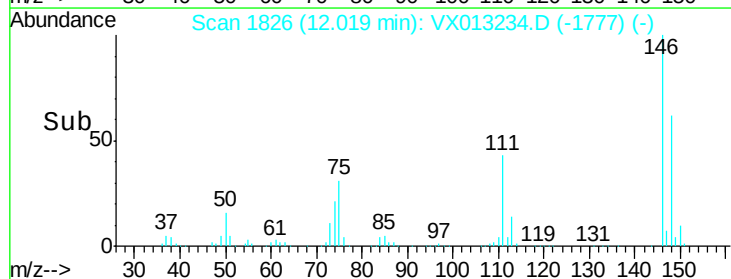
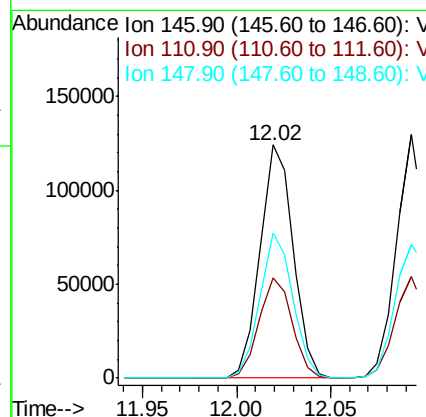
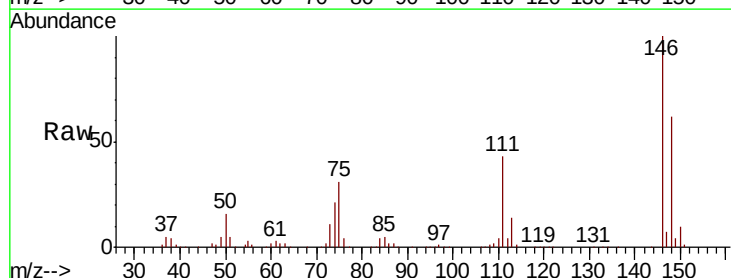
Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MSD

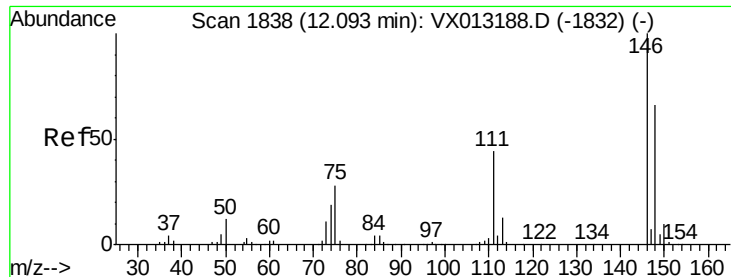
Tot Ion	Ratio	Lower	Upper
119	100		
134	23.9	12.5	37.5
91	25.1	12.4	37.2



#87
 1,3-Dichlorobenzene
 Concen: 50.746 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.3	63.9
148	61.8	31.6	94.8

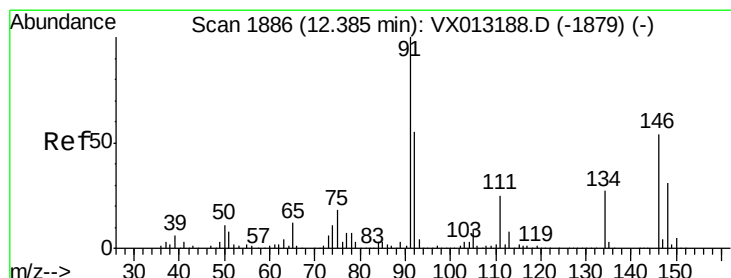
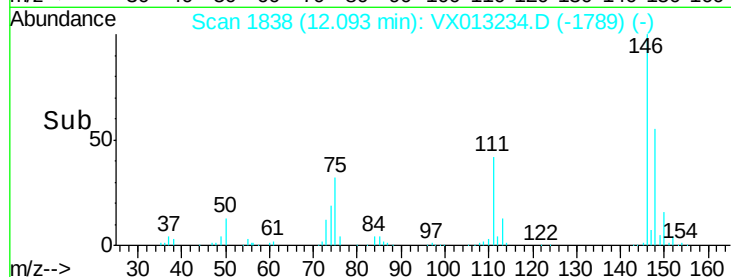
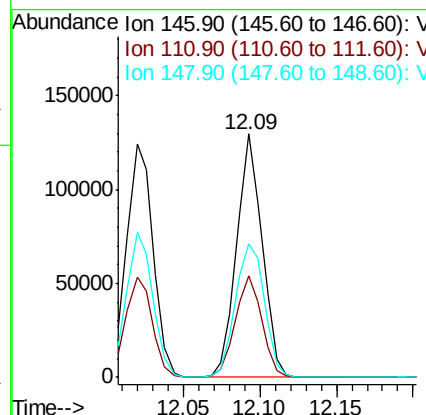
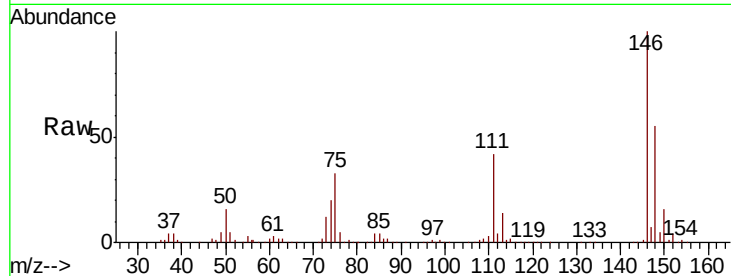




#88
 1,4-Dichlorobenzene
 Concen: 49.381 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

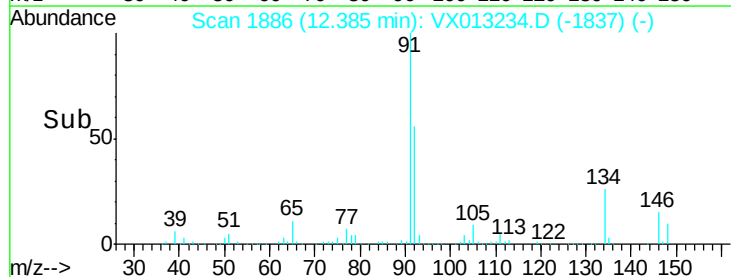
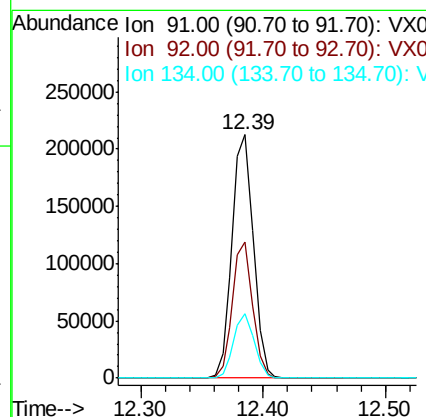
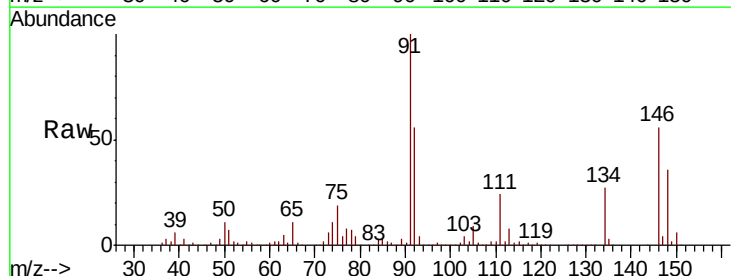
Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MSD

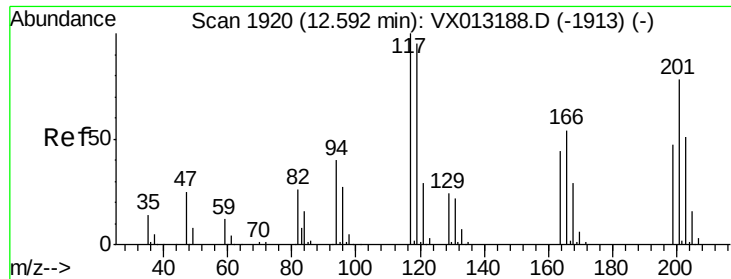
Tot Ion:146 Resp: 150264
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.3 63.9
 148 62.2 32.5 97.5



#89
 n-Butylbenzene
 Concen: 51.510 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

Tgt Ion: 91 Resp: 255713
 Ion Ratio Lower Upper
 91 100
 92 52.9 27.7 83.1
 134 25.8 13.2 39.6

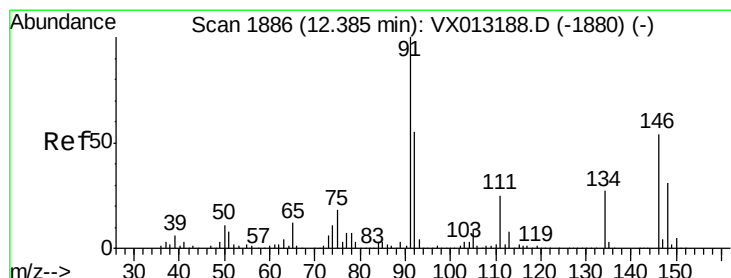
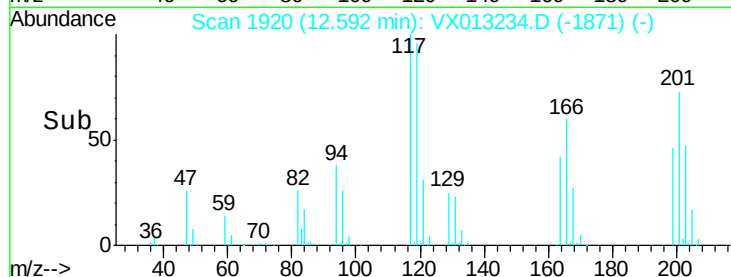
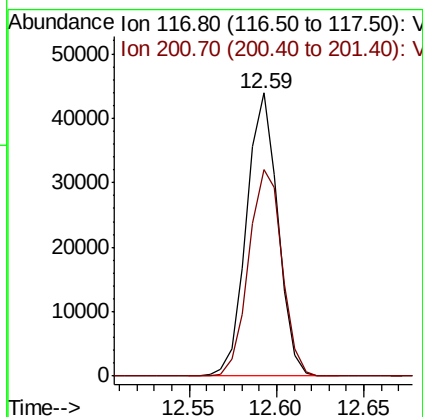
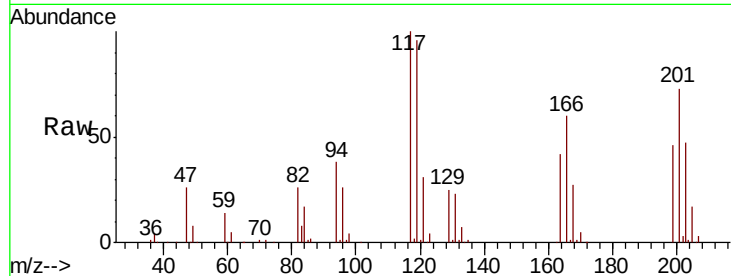




#90
Hexachloroethane
Concen: 54.000 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013234.D
Acq: 25 Oct 2019 16:27

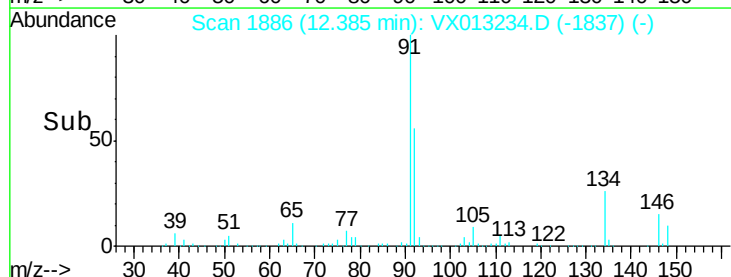
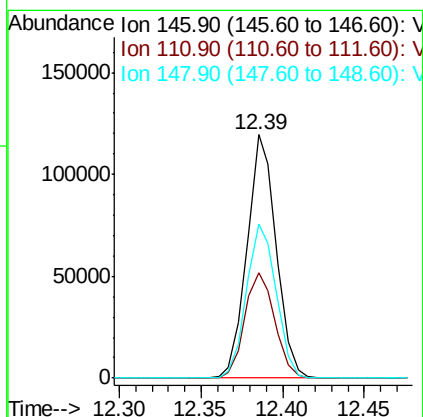
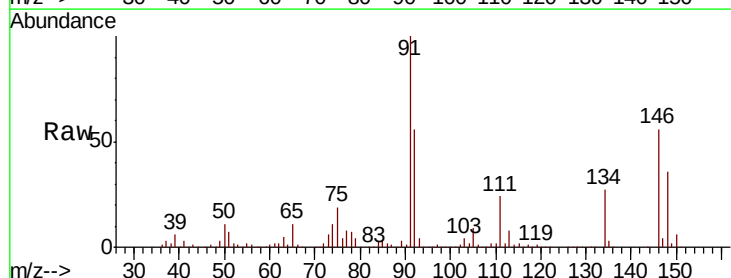
Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MSD

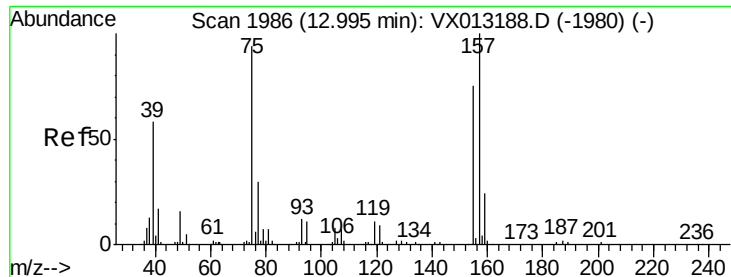
Tot Ion:117 Resp: 54879
Ion Ratio Lower Upper
117 100
201 77.9 39.0 116.9



#91
1,2-Dichlorobenzene
Concen: 50.753 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013234.D
Acq: 25 Oct 2019 16:27

Tgt Ion:146 Resp: 149157
Ion Ratio Lower Upper
146 100
111 44.6 22.9 68.8
148 64.4 31.8 95.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 54.506 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

Instrument :

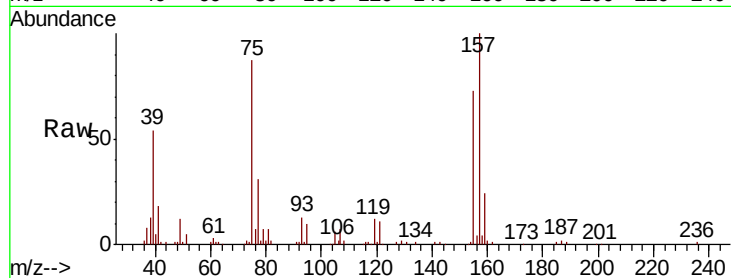
MSVOA_X

ClientSampleId :

GW809-8.0-13.0-102419MSD

Tot Ion: 75 Resp: 28408

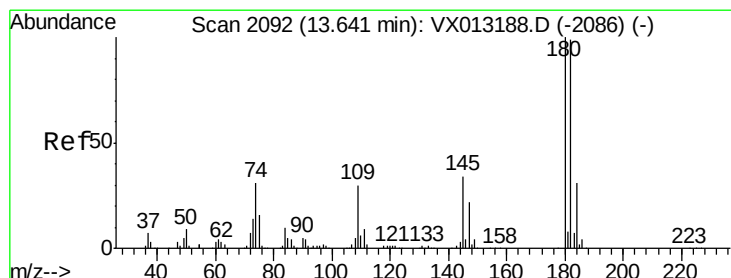
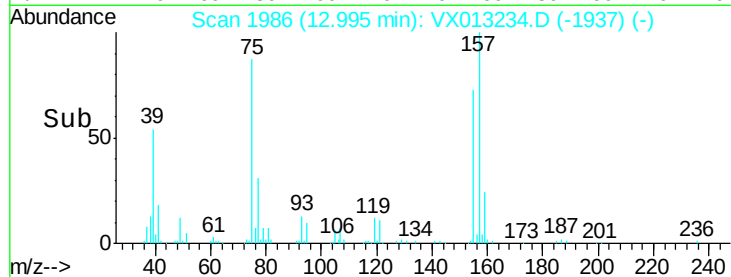
Ion	Ratio	Lower	Upper
75	100		
155	86.1	42.8	128.4
157	114.5	54.3	162.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 47.997 ug/l

RT: 13.64 min Scan# 2092

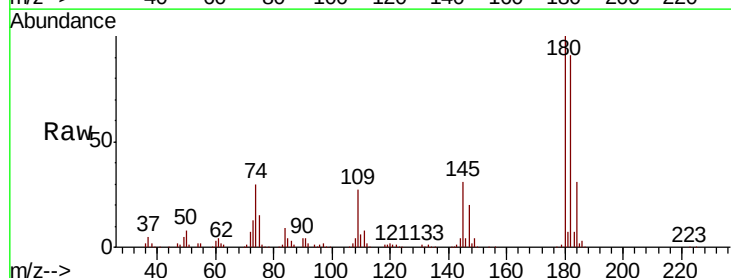
Delta R.T. -0.00 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

Tgt Ion:180 Resp: 88824

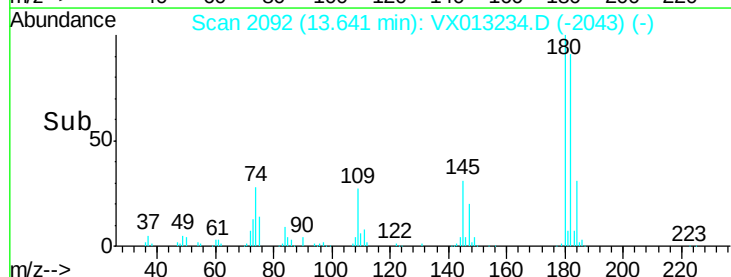
Ion	Ratio	Lower	Upper
180	100		
182	94.1	45.9	137.6
145	33.5	15.9	47.6

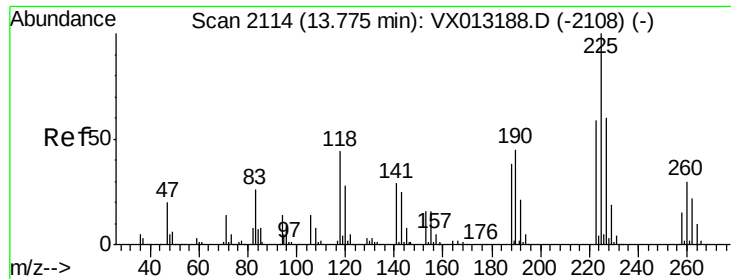


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 46.153 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

Instrument :

MSVOA_X

ClientSampleId :

GW809-8.0-13.0-102419MSD

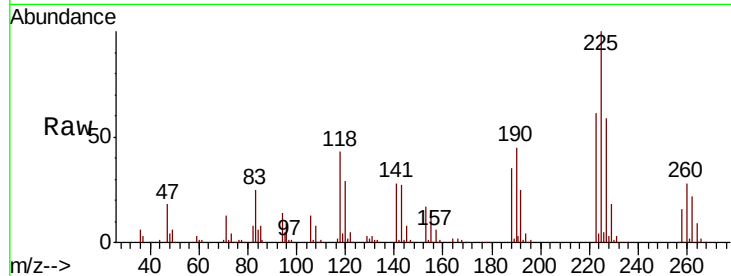
Tot Ion:225 Resp: 44182

Ion Ratio Lower Upper

225 100

223 61.5 30.9 92.5

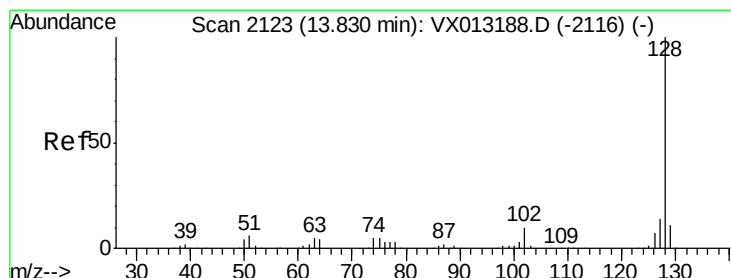
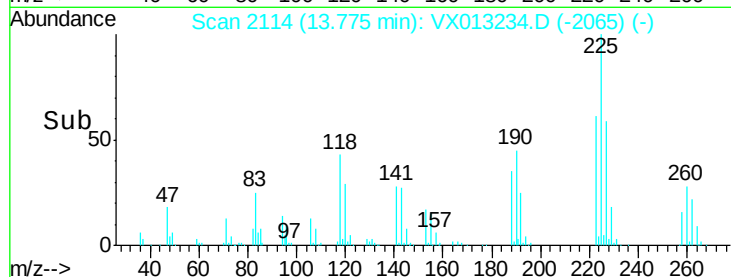
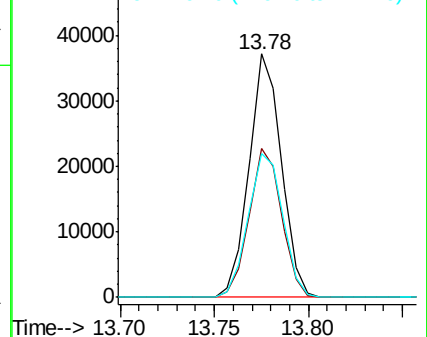
227 63.2 30.3 90.9



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: 52.400 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013234.D

Acq: 25 Oct 2019 16:27

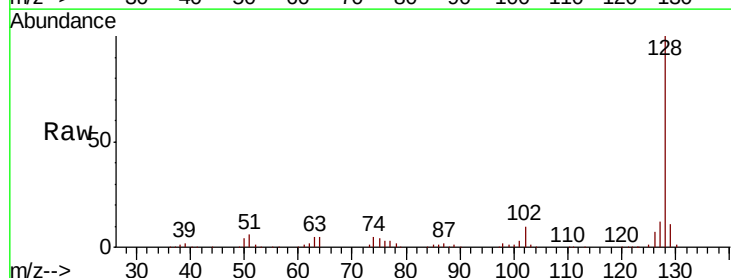
Tgt Ion:128 Resp: 297618

Ion Ratio Lower Upper

128 100

127 12.4 10.7 16.1

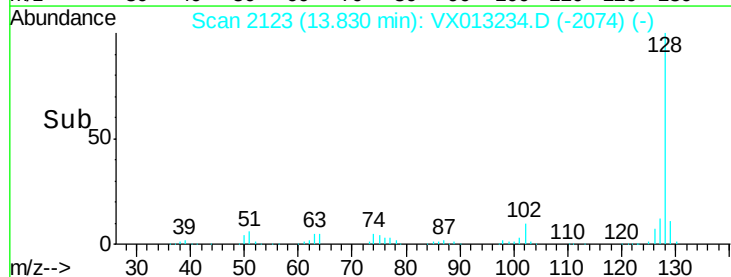
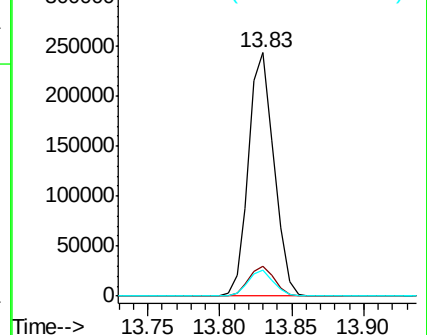
129 10.5 8.6 13.0

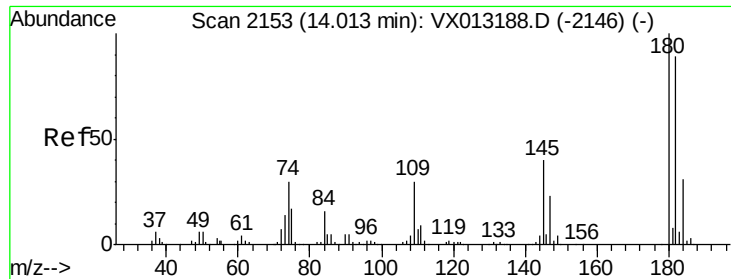


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

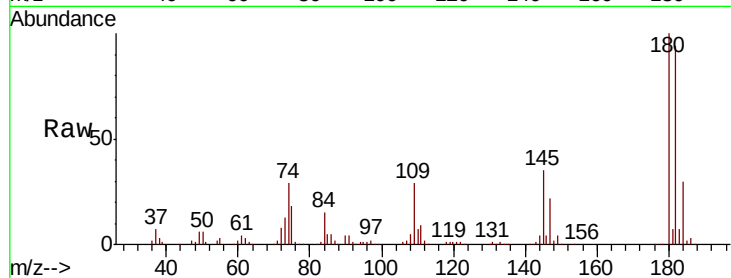




#96
 1,2,3-Trichlorobenzene
 Concen: 48.807 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX013234.D
 Acq: 25 Oct 2019 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MSD

Tot Ion:180 Resp: 89253
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.3 144.9
 145 35.0 18.6 55.6



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

