

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
 Data File : VX012069.D
 Acq On : 05 Sep 2019 00:06
 Operator : SY/SP
 Sample : VX0904SBS02
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS02

Quant Time: Sep 05 05:28:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	115807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	222082	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	209772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101877	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	94897	59.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.78%	
35) Dibromofluoromethane	5.48	113	73222	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
50) Toluene-d8	8.71	98	269907	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
62) 4-Bromofluorobenzene	11.14	95	119548	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	19439	18.203	ug/l	99
3) Chloromethane	1.31	50	21284	19.461	ug/l	96
4) Vinyl Chloride	1.39	62	19687	19.132	ug/l	99
5) Bromomethane	1.62	94	10872	21.299	ug/l	95
6) Chloroethane	1.70	64	12765	19.955	ug/l	95
7) Trichlorofluoromethane	1.91	101	30236	18.919	ug/l	96
8) Diethyl Ether	2.17	74	12128	21.959	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.36	101	22098	18.668	ug/l #	83
10) Methyl Iodide	2.50	142	13560	16.721	ug/l	95
11) Tert butyl alcohol	3.03	59	18869	122.942	ug/l	95
12) 1,1-Dichloroethene	2.36	96	21609	18.950	ug/l	93
13) Acrolein	2.28	56	4301	88.565	ug/l	92
14) Allyl chloride	2.71	41	42643	20.666	ug/l	99
15) Acrylonitrile	3.13	53	39286	113.197	ug/l	97
16) Acetone	2.43	43	36403	95.312	ug/l	98
17) Carbon Disulfide	2.55	76	55512	16.657	ug/l	99
18) Methyl Acetate	2.76	43	26721	29.699	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	86414	23.277	ug/l	97
20) Methylene Chloride	2.84	84	31811	20.741	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	26850	20.065	ug/l	91
22) Diisopropyl ether	3.84	45	95692	22.753	ug/l	98
23) Vinyl Acetate	3.79	43	274970	101.067	ug/l	98
24) 1,1-Dichloroethane	3.69	63	53048	21.748	ug/l	99
25) 2-Butanone	4.66	43	54381	111.855	ug/l	93
26) 2,2-Dichloropropane	4.56	77	38884	17.266	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	33067	21.081	ug/l	93
28) Bromochloromethane	5.00	49	23609	24.247	ug/l #	80
29) Tetrahydrofuran	5.12	42	33752	115.226	ug/l	99
30) Chloroform	5.20	83	57099	21.816	ug/l	99
31) Cyclohexane	5.57	56	36074	18.414	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	46972	20.606	ug/l	96
36) 1,1-Dichloropropene	5.78	75	35170	17.981	ug/l	96
37) Ethyl Acetate	4.82	43	23330	21.934	ug/l	97
38) Carbon Tetrachloride	5.77	117	38794	18.822	ug/l	99

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 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
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Quant Time: Sep 05 05:28:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	38033	16.753	ug/l	95
40) Benzene	6.13	78	111885	19.925	ug/l	97
41) Methacrylonitrile	5.02	41	14093	22.218	ug/l	97
42) 1,2-Dichloroethane	6.18	62	44425	21.985	ug/l	98
43) Isopropyl Acetate	6.43	43	47941	22.167	ug/l	98
44) Trichloroethene	7.20	130	29779	19.662	ug/l	95
45) 1,2-Dichloropropane	7.51	63	30151	20.783	ug/l	96
46) Dibromomethane	7.65	93	18074	21.341	ug/l #	72
47) Bromodichloromethane	7.89	83	45730	21.243	ug/l	99
48) Methyl methacrylate	7.76	41	23719	21.812	ug/l	97
49) 1,4-Dioxane	7.73	88	6820	460.058	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	123275	112.063	ug/l	99
52) Toluene	8.78	92	72776	19.919	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	44169	19.818	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	48970	19.759	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	26210	21.647	ug/l	97
56) Ethyl methacrylate	9.17	69	36529	21.062	ug/l	94
57) 1,3-Dichloropropane	9.37	76	44351	21.227	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	90731	116.040	ug/l	94
59) 2-Hexanone	9.48	43	87309	108.771	ug/l	98
60) Dibromochloromethane	9.57	129	30452	21.103	ug/l	97
61) 1,2-Dibromoethane	9.67	107	24930	21.308	ug/l	98
64) Tetrachloroethene	9.33	164	27677	21.163	ug/l #	85
65) Chlorobenzene	10.14	112	80775	19.516	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	30958	20.456	ug/l	98
67) Ethyl Benzene	10.25	91	144300	19.127	ug/l	96
68) m/p-Xylenes	10.35	106	105496	37.952	ug/l	91
69) o-Xylene	10.70	106	52334	19.416	ug/l	90
70) Styrene	10.71	104	93049	19.875	ug/l	95
71) Bromoform	10.85	173	17245	20.746	ug/l #	97
73) Isopropylbenzene	11.01	105	139041	18.601	ug/l	96
74) N-amyl acetate	10.89	43	44155	19.979	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	32384	20.781	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	35544	28.554	ug/l	75
77) Bromobenzene	11.25	156	33250	19.889	ug/l #	68
78) n-propylbenzene	11.35	91	163933	18.153	ug/l	95
79) 2-Chlorotoluene	11.42	91	104516	19.104	ug/l	91
80) 1,3,5-Trimethylbenzene	11.50	105	122837	18.752	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.07	75	9052	17.192	ug/l	91
82) 4-Chlorotoluene	11.51	91	123665	18.965	ug/l	92
83) tert-Butylbenzene	11.77	119	115456	18.492	ug/l	87
84) 1,2,4-Trimethylbenzene	11.81	105	126281	18.757	ug/l	95
85) sec-Butylbenzene	11.94	105	139510	17.990	ug/l	93
86) p-Isopropyltoluene	12.06	119	126655	17.959	ug/l	93
87) 1,3-Dichlorobenzene	12.02	146	63966	19.095	ug/l	94
88) 1,4-Dichlorobenzene	12.09	146	64377	19.220	ug/l	91
89) n-Butylbenzene	12.38	91	121188	17.689	ug/l	95
90) Hexachloroethane	12.59	117	25085	17.814	ug/l	55
91) 1,2-Dichlorobenzene	12.38	146	61690	20.448	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6750	20.700	ug/l	62

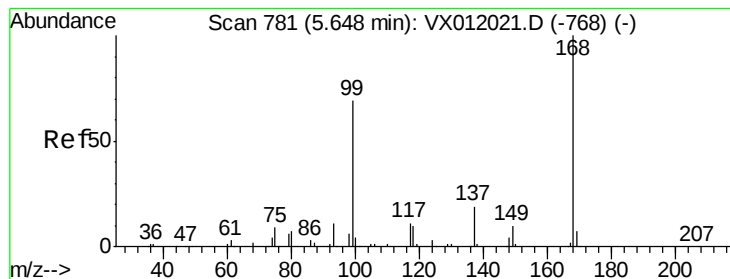
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
Data File : VX012069.D
Acq On : 05 Sep 2019 00:06
Operator : SY/SP
Sample : VX0904SBS02
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ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

Quant Time: Sep 05 05:28:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	39467	18.379	ug/l	96
94) Hexachlorobutadiene	13.78	225	19589	18.097	ug/l	96
95) Naphthalene	13.83	128	92320	19.864	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	36206	19.165	ug/l	95

(#) = 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: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

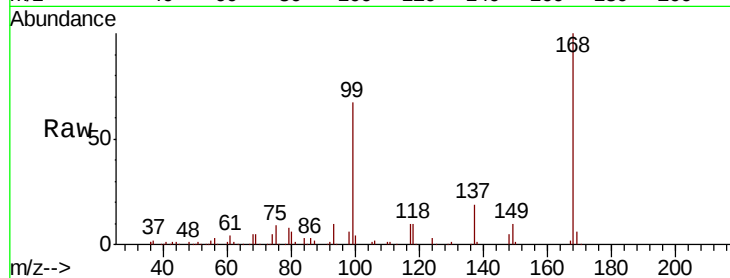
VX0904SBS02

Tgt Ion:168 Resp: 115807

Ion Ratio Lower Upper

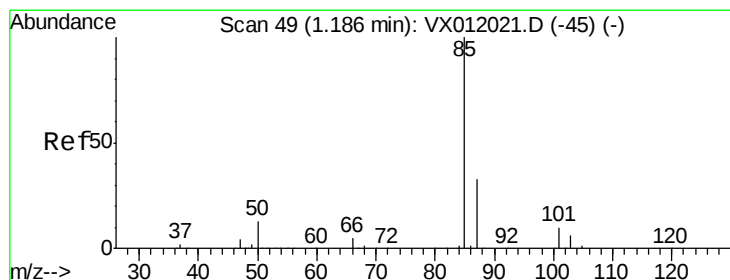
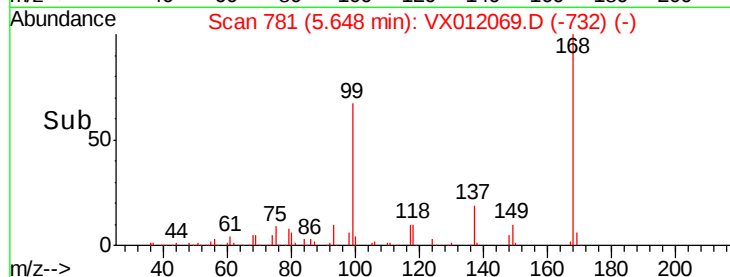
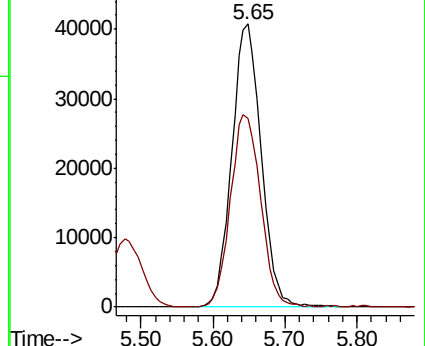
168 100

99 66.6 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.203 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012069.D

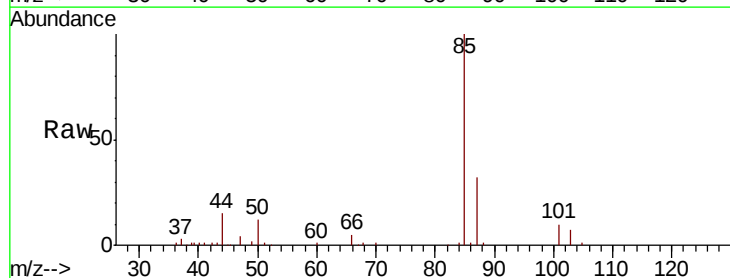
Acq: 05 Sep 2019 00:06

Tgt Ion: 85 Resp: 19439

Ion Ratio Lower Upper

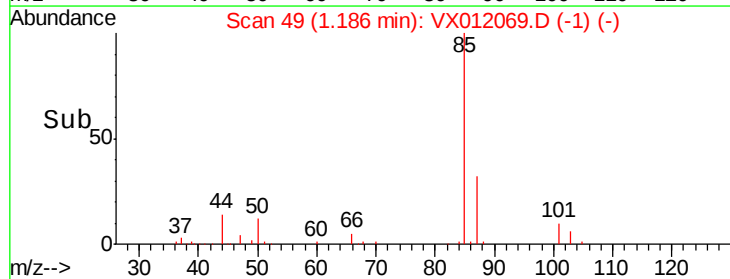
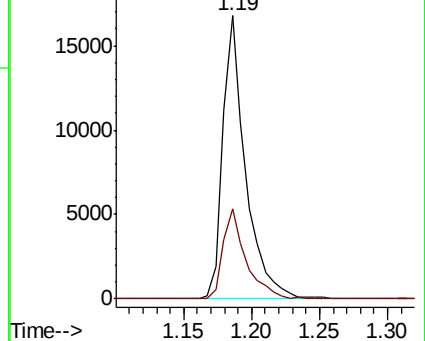
85 100

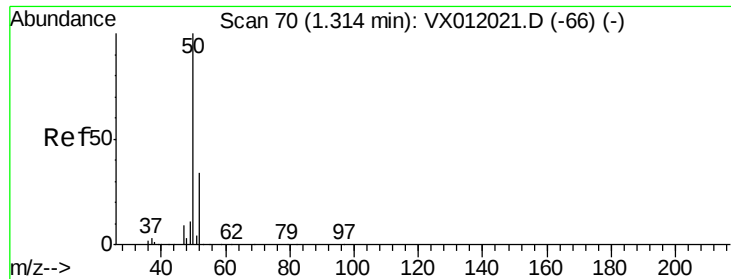
87 31.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.461 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

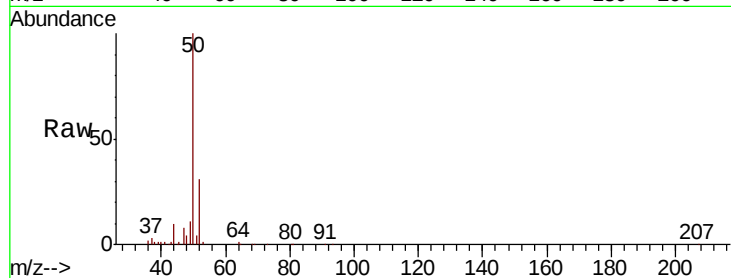
VX0904SBS02

Tgt Ion: 50 Resp: 21284

Ion Ratio Lower Upper

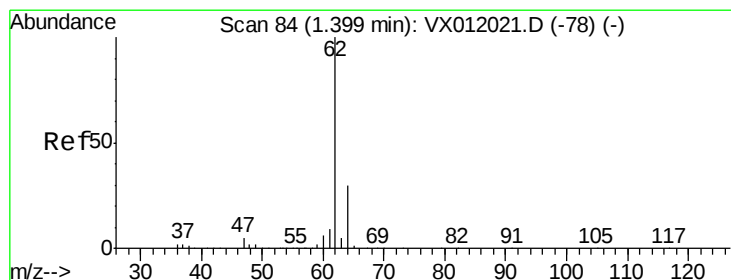
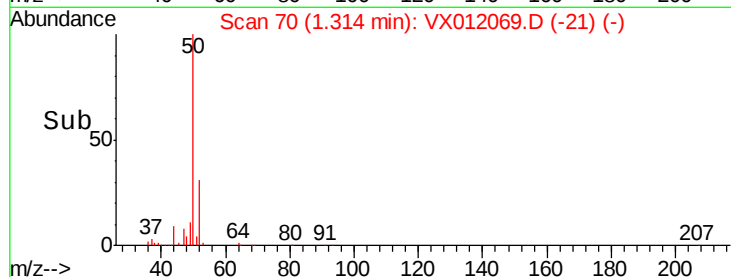
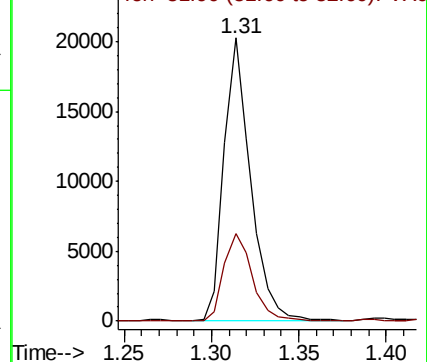
50 100

52 31.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.132 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012069.D

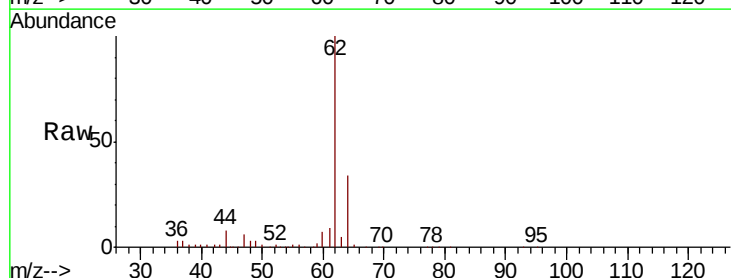
Acq: 05 Sep 2019 00:06

Tgt Ion: 62 Resp: 19687

Ion Ratio Lower Upper

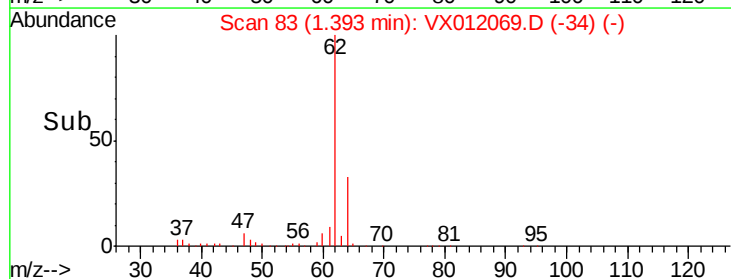
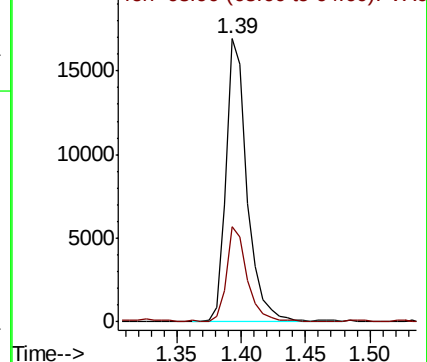
62 100

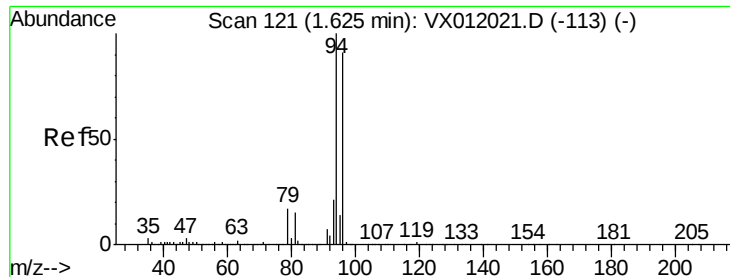
64 33.6 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.299 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

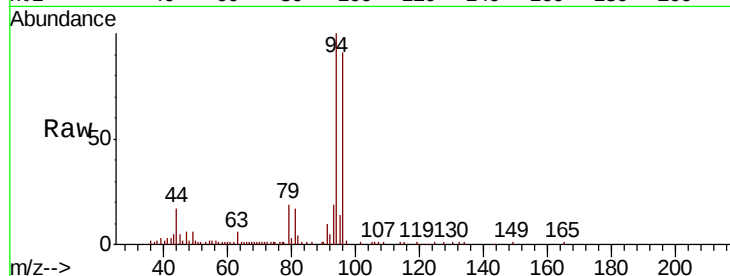
VX0904SBS02

Tgt Ion: 94 Resp: 10872

Ion Ratio Lower Upper

94 100

96 90.4 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

12000

10000

8000

6000

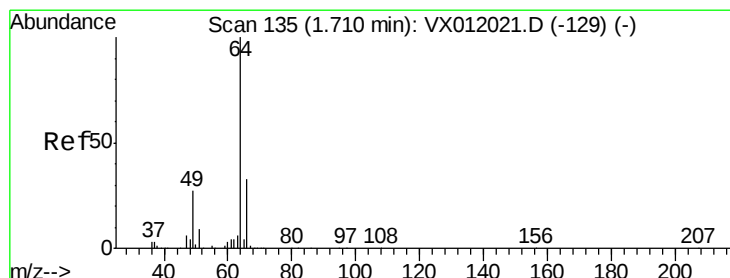
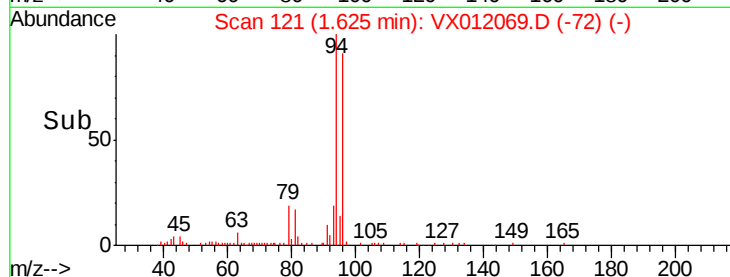
4000

2000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 19.955 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012069.D

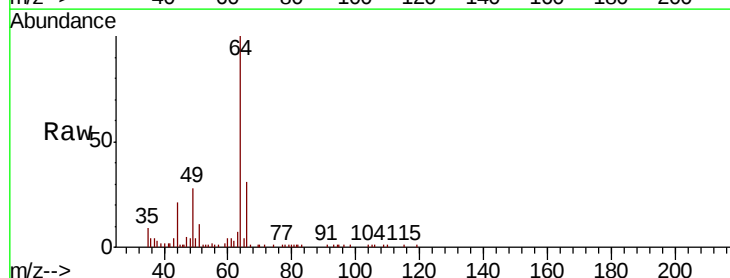
Acq: 05 Sep 2019 00:06

Tgt Ion: 64 Resp: 12765

Ion Ratio Lower Upper

64 100

66 30.3 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

10000

8000

6000

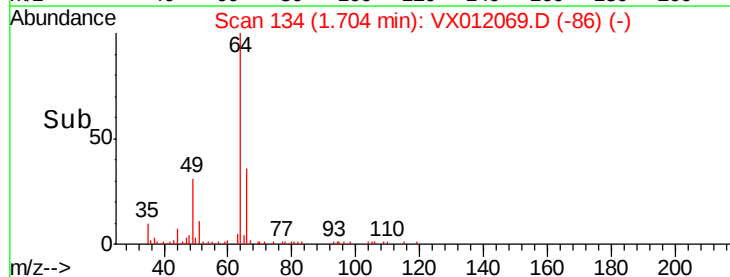
4000

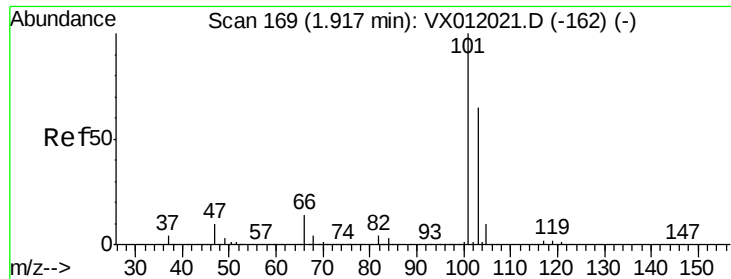
2000

0

1.60 1.70 1.80

Time-->



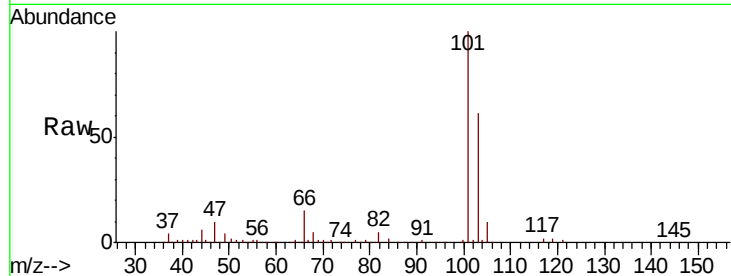


#7

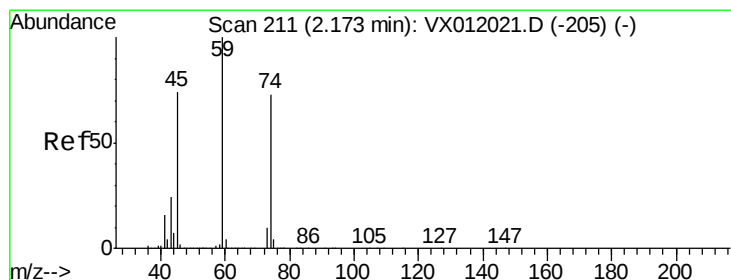
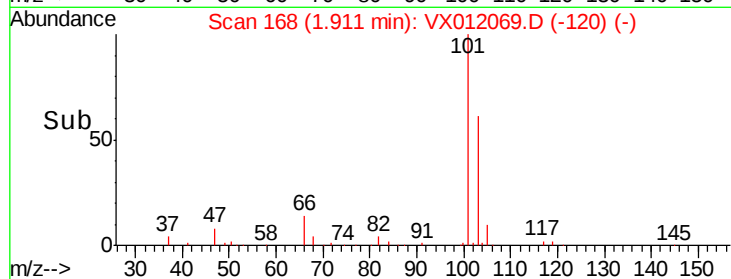
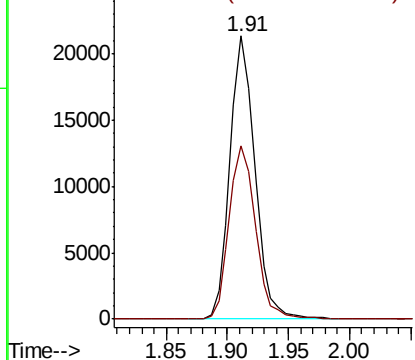
Trichlorofluoromethane
Concen: 18.919 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

Tgt Ion:101 Resp: 30236
Ion Ratio Lower Upper
101 100
103 61.1 51.6 77.4



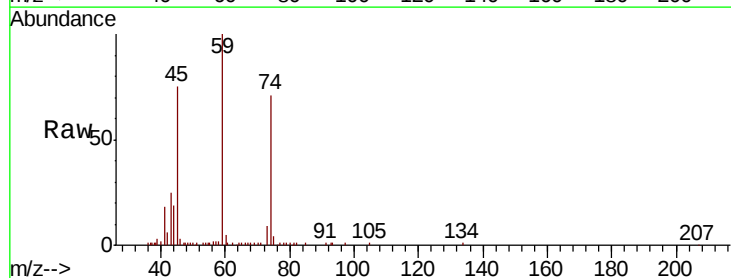
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



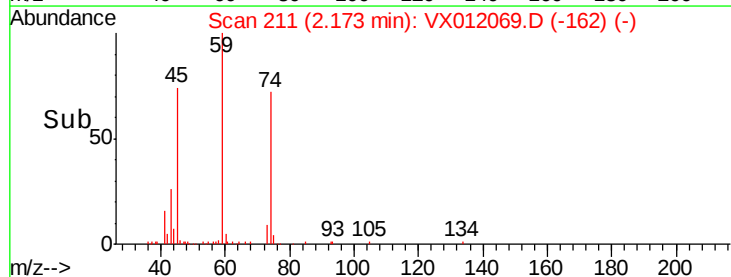
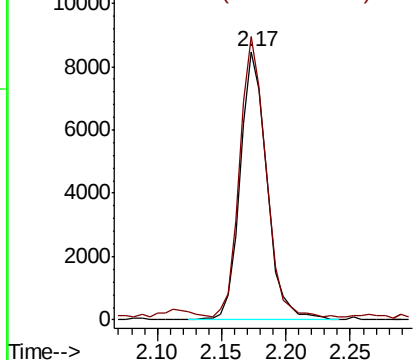
#8

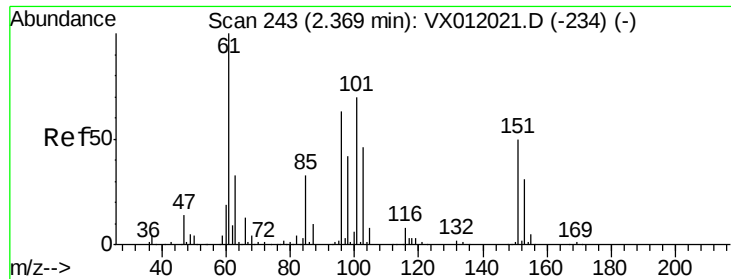
Diethyl Ether
Concen: 21.959 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion: 74 Resp: 12128
Ion Ratio Lower Upper
74 100
45 101.9 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.668 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS02

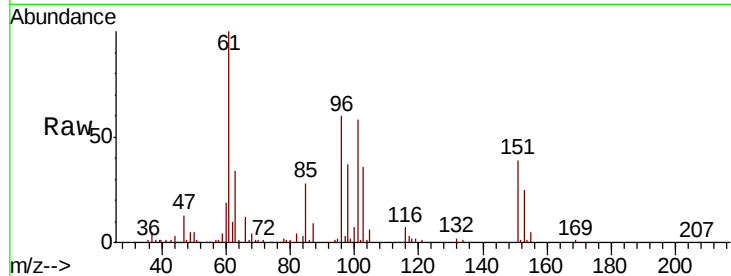
Tgt Ion:101 Resp: 22098

Ion Ratio Lower Upper

101 100

85 46.8 34.5 51.7

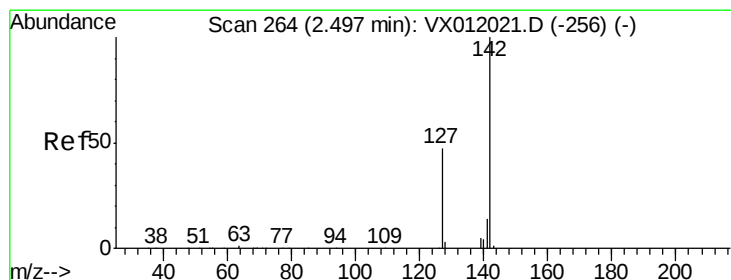
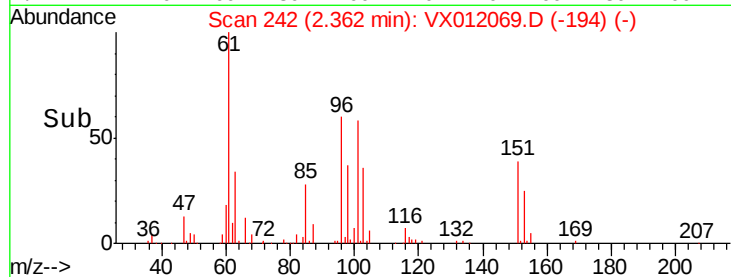
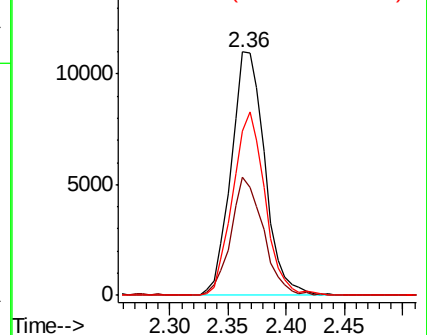
151 72.5 75.0 112.4#



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: 16.721 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

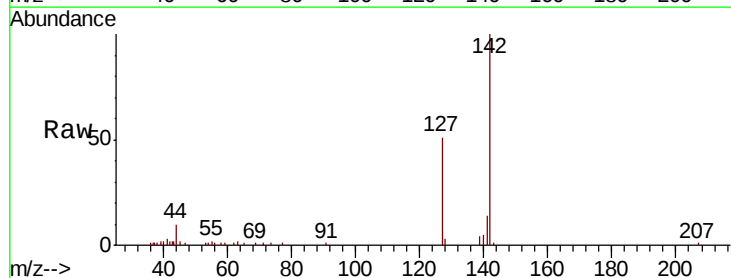
Tgt Ion:142 Resp: 13560

Ion Ratio Lower Upper

142 100

127 48.7 35.4 53.2

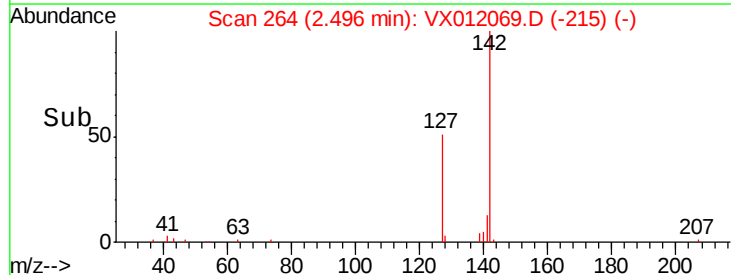
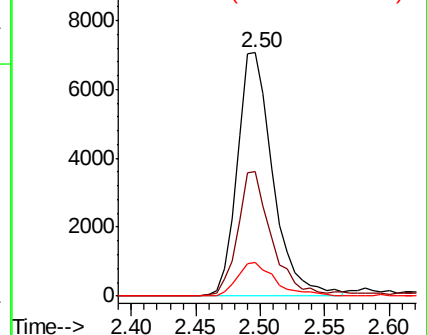
141 14.8 11.4 17.2

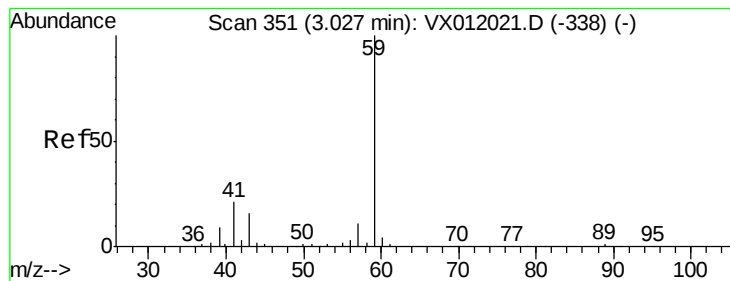


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



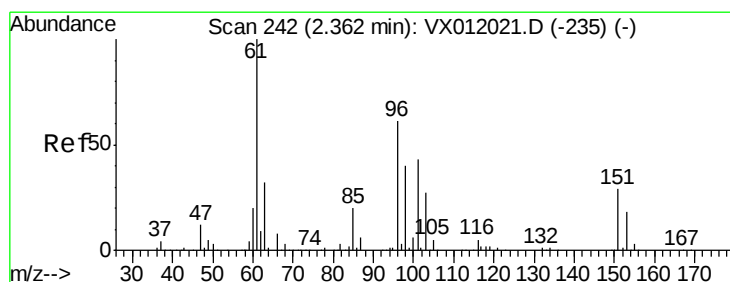
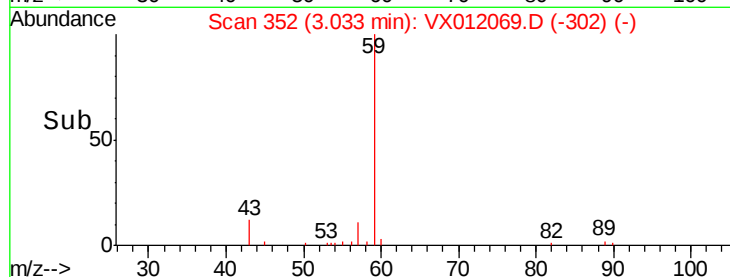
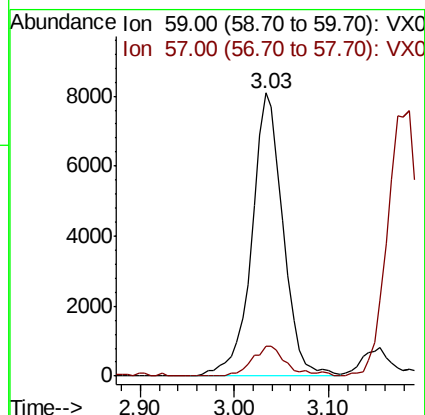
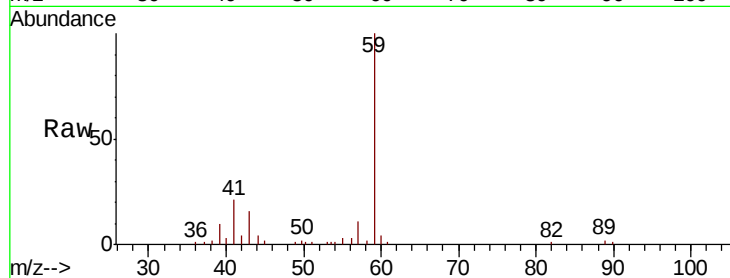


#11

Tert butyl alcohol
 Concen: 122.942 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS02

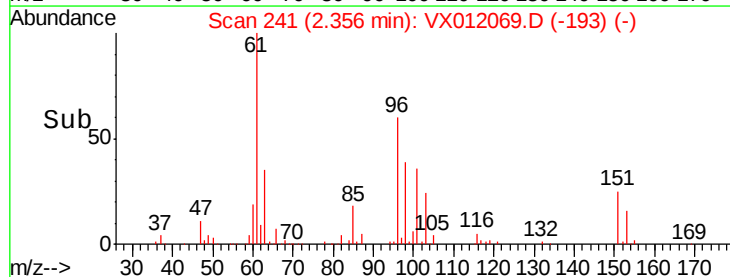
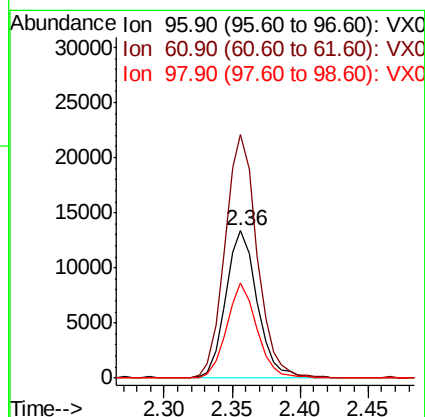
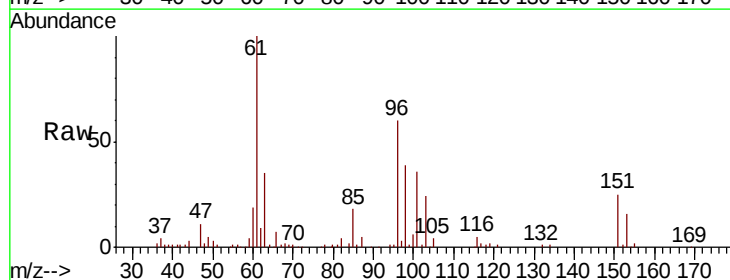
Tgt Ion: 59 Resp: 18869
 Ion Ratio Lower Upper
 59 100
 57 11.6 7.9 11.9

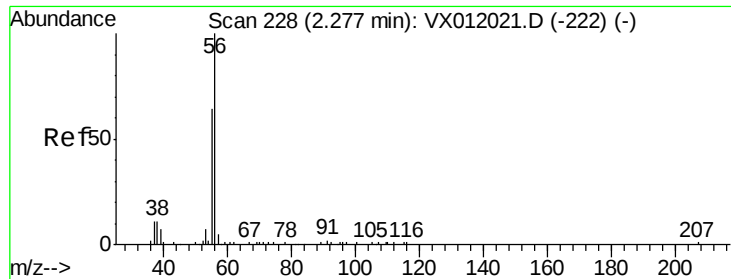


#12

1,1-Dichloroethene
 Concen: 18.950 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Tgt Ion: 96 Resp: 21609
 Ion Ratio Lower Upper
 96 100
 61 165.5 124.1 186.1
 98 65.0 50.2 75.2

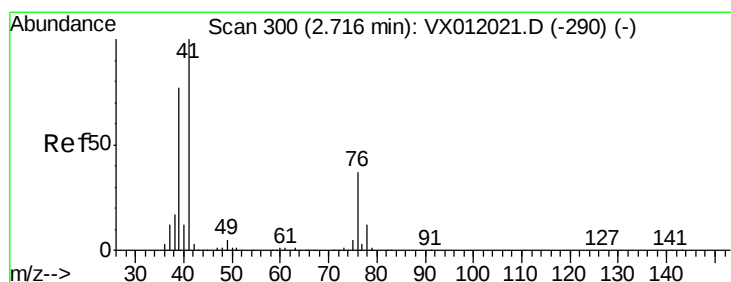
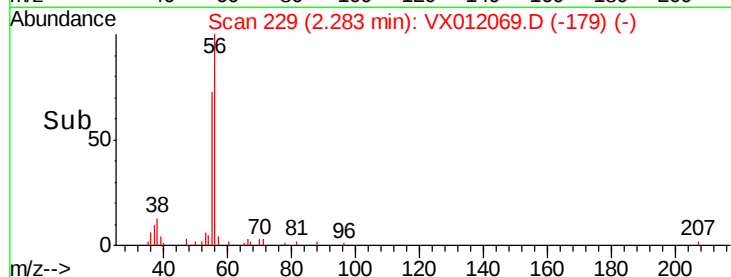
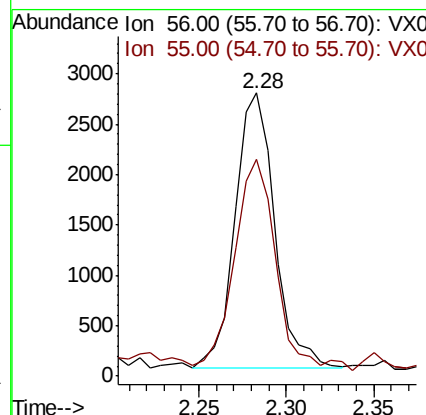
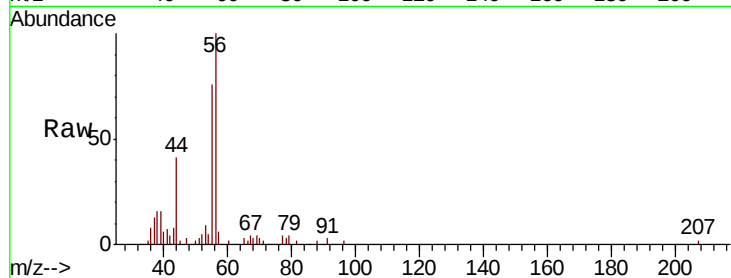




#13
Acrolein
Concen: 88.565 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.01 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

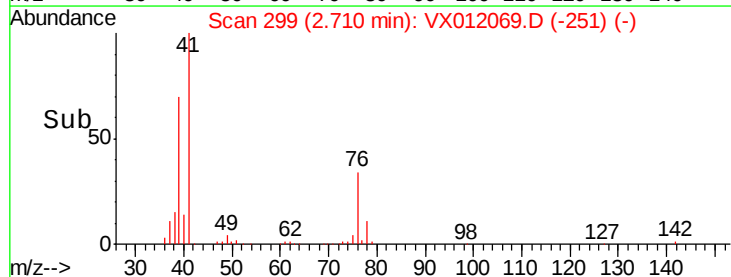
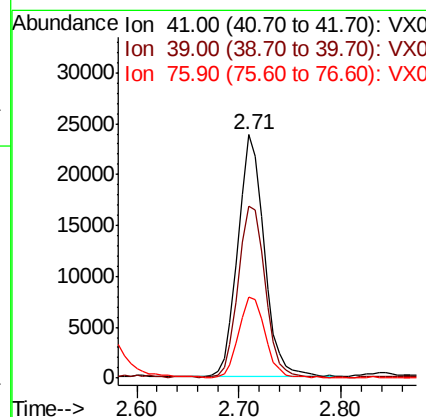
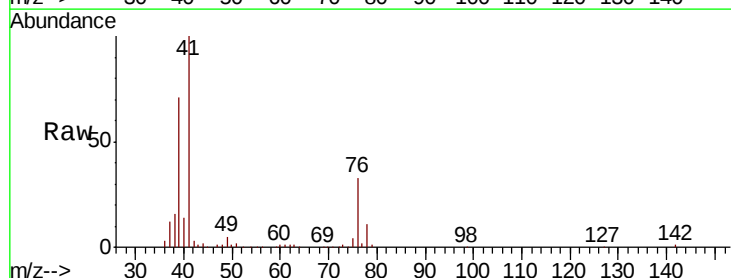
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

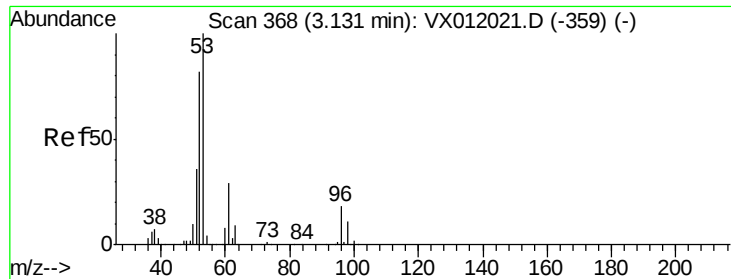
Tgt Ion: 56 Resp: 4301
Ion Ratio Lower Upper
56 100
55 80.8 59.2 88.8



#14
Allyl chloride
Concen: 20.666 ug/l
RT: 2.71 min Scan# 299
Delta R.T. -0.01 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion: 41 Resp: 42643
Ion Ratio Lower Upper
41 100
39 71.9 57.9 86.9
76 34.1 28.5 42.7





#15

Acrylonitrile

Concen: 113.197 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.01 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS02

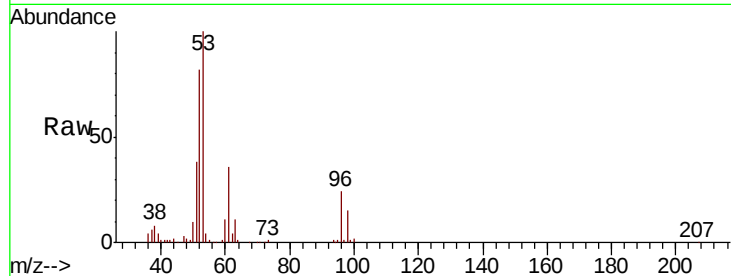
Tgt Ion: 53 Resp: 39286

Ion Ratio Lower Upper

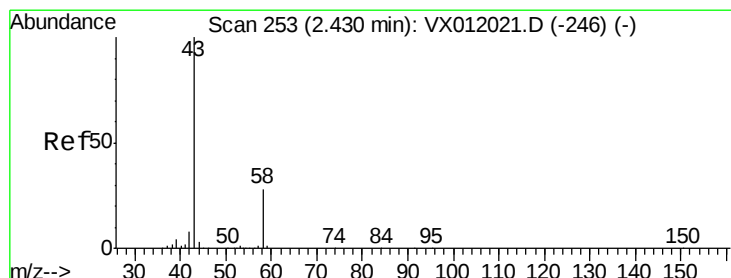
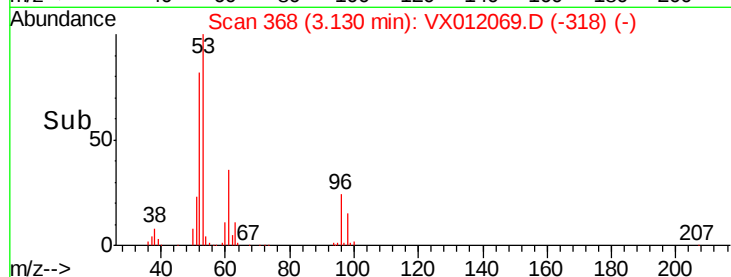
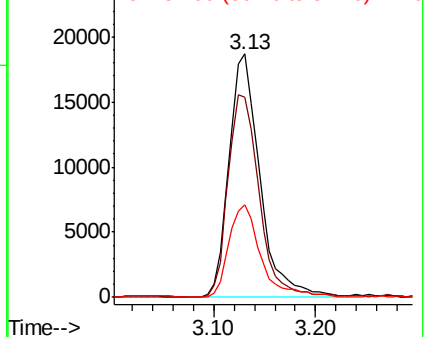
53 100

52 84.6 65.6 98.4

51 39.3 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 95.312 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012069.D

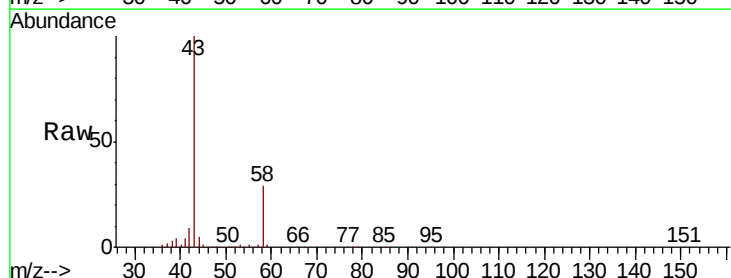
Acq: 05 Sep 2019 00:06

Tgt Ion: 43 Resp: 36403

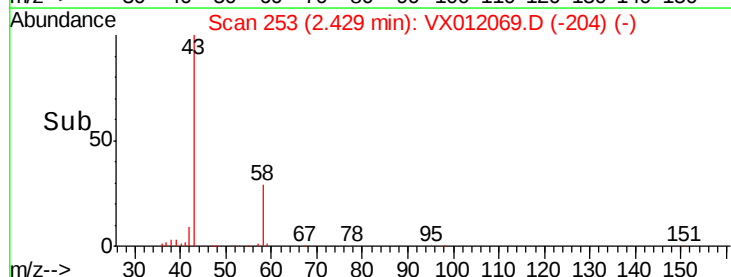
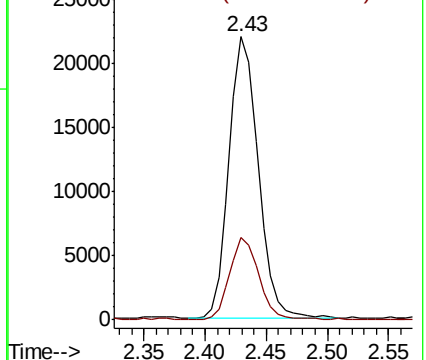
Ion Ratio Lower Upper

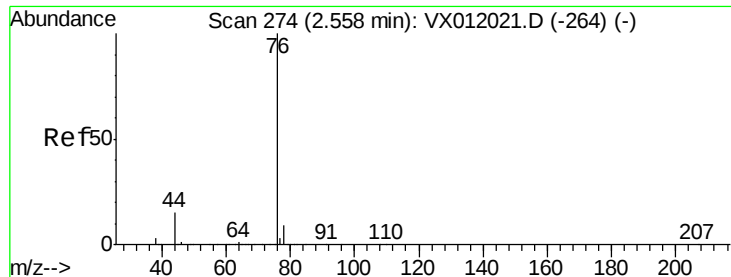
43 100

58 29.3 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

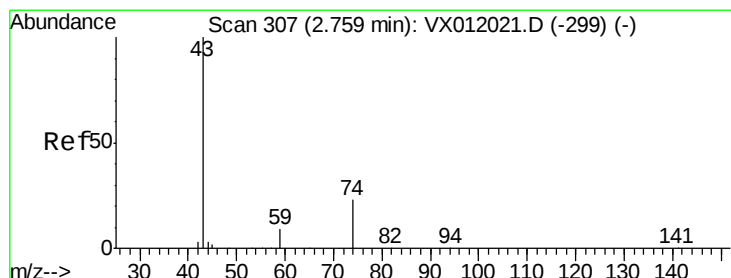
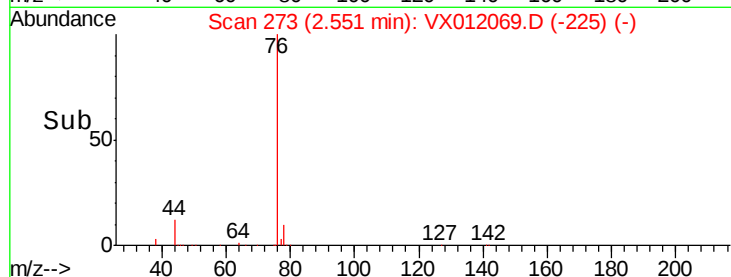
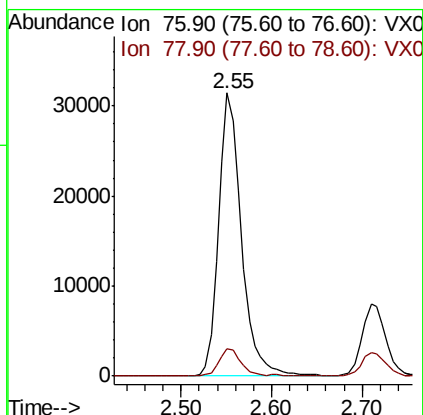
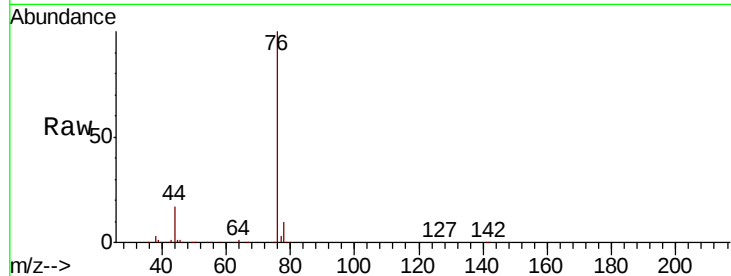




#17
Carbon Disulfide
Concen: 16.657 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

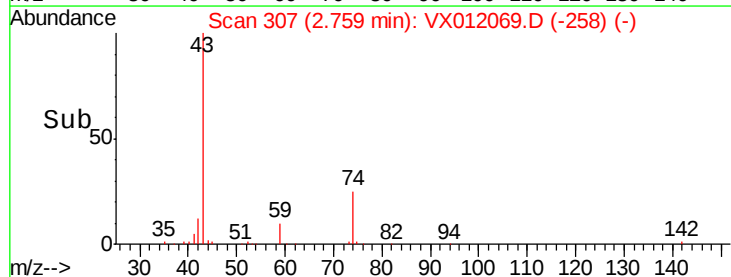
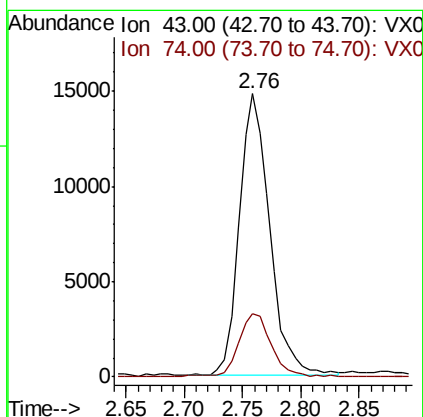
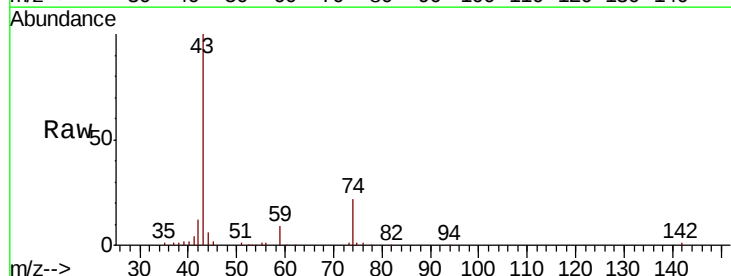
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

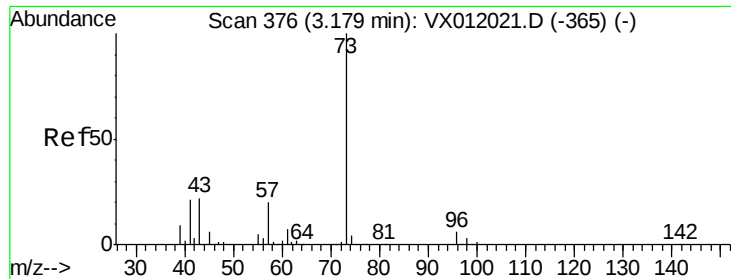
Tgt Ion: 76 Resp: 55512
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



#18
Methyl Acetate
Concen: 29.699 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion: 43 Resp: 26721
Ion Ratio Lower Upper
43 100
74 24.3 19.5 29.3

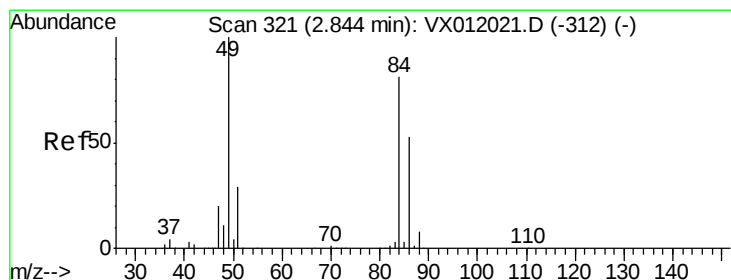
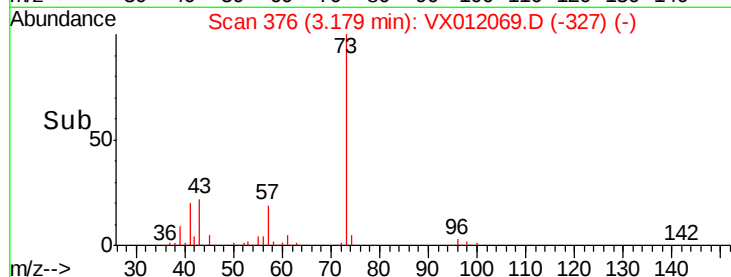
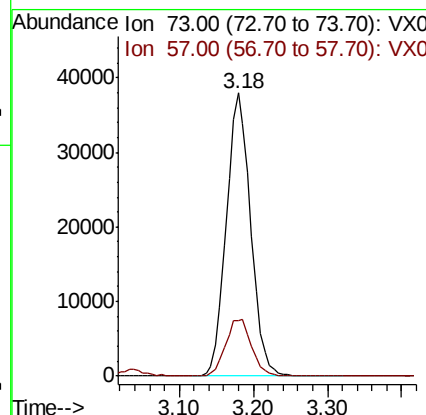
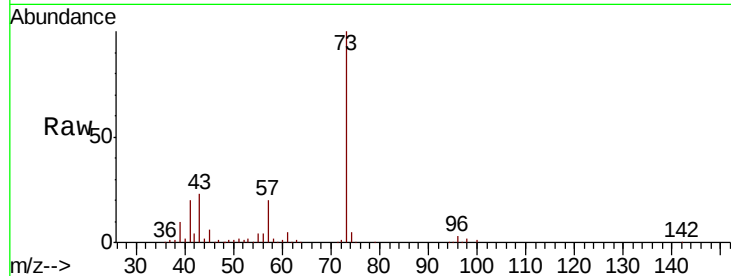




#19
Methyl tert-butyl Ether
Concen: 23.277 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

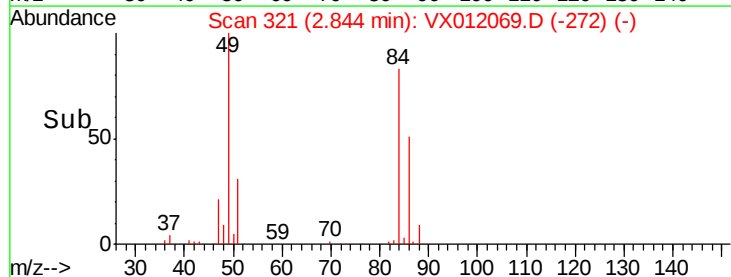
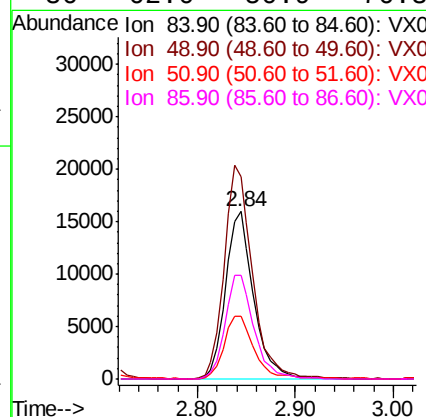
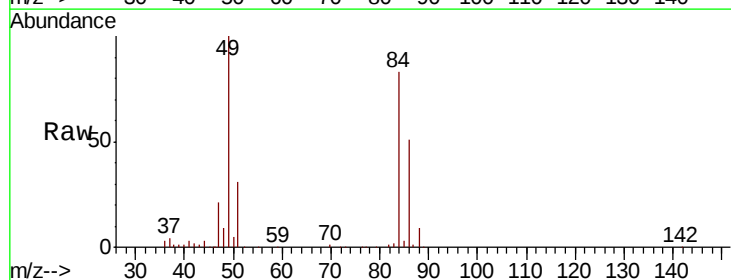
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

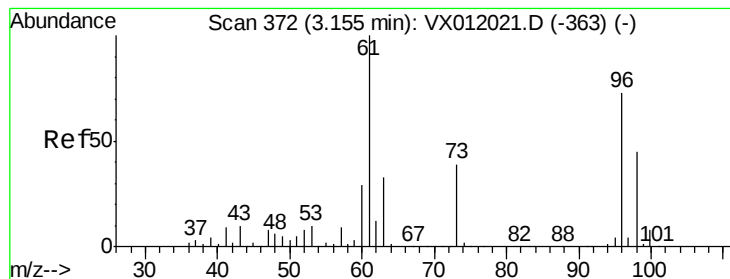
Tgt Ion: 73 Resp: 86414
Ion Ratio Lower Upper
73 100
57 19.5 16.6 25.0



#20
Methylene Chloride
Concen: 20.741 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion: 84 Resp: 31811
Ion Ratio Lower Upper
84 100
49 121.0 95.8 143.8
51 37.5 28.6 43.0
86 62.0 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 20.065 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS02

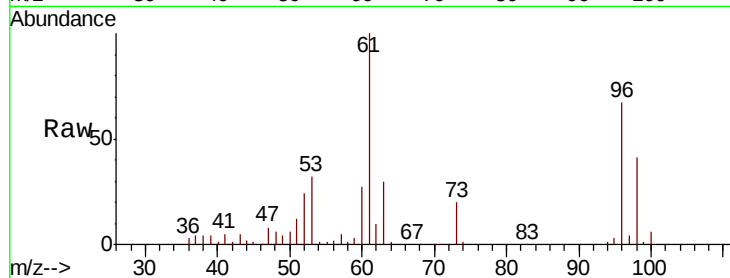
Tgt Ion: 96 Resp: 26850

Ion Ratio Lower Upper

96 100

61 150.0 107.0 160.6

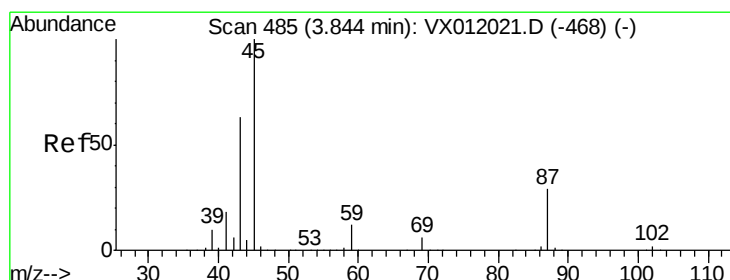
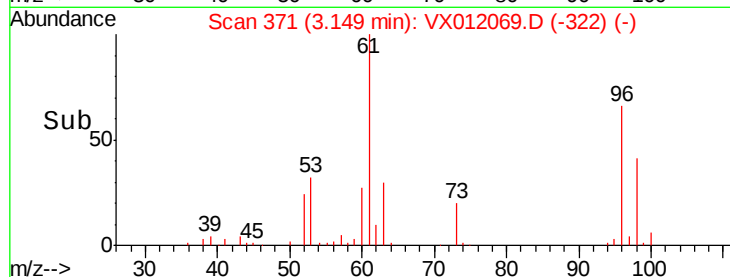
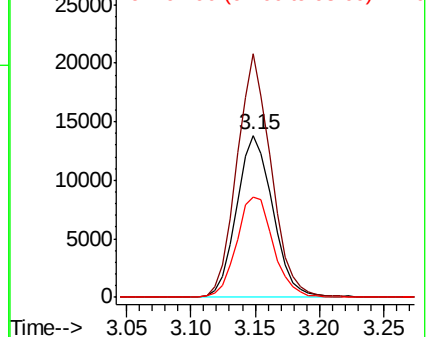
98 61.9 49.8 74.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 22.753 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Tgt Ion: 45 Resp: 95692

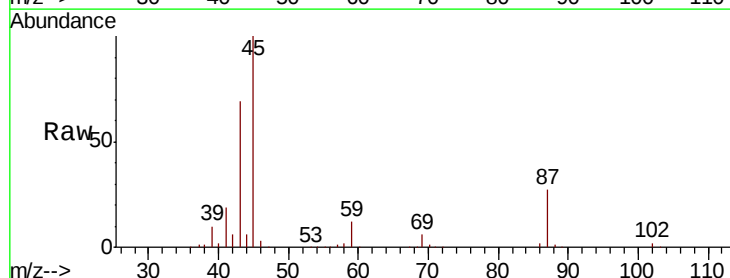
Ion Ratio Lower Upper

45 100

43 68.7 54.2 81.4

87 26.8 23.4 35.0

59 11.7 9.0 13.6

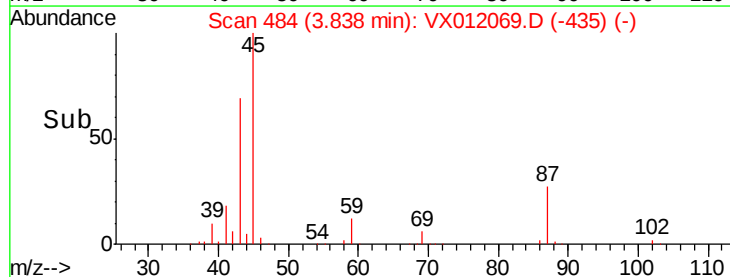
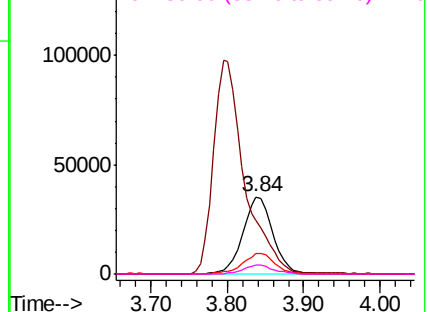


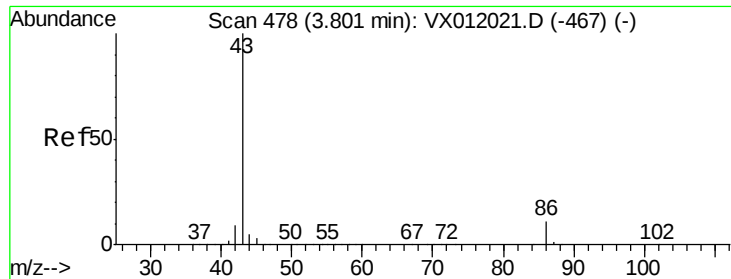
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 101.067 ug/l

RT: 3.79 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

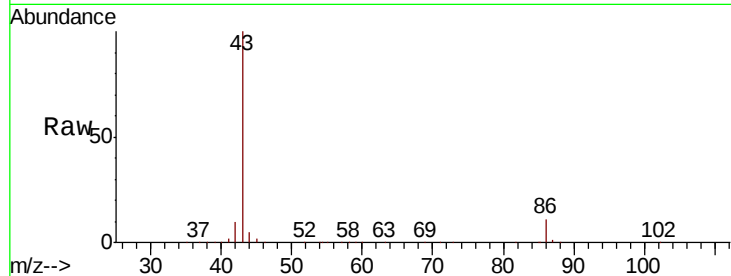
VX0904SBS02

Tgt Ion: 43 Resp: 274970

Ion Ratio Lower Upper

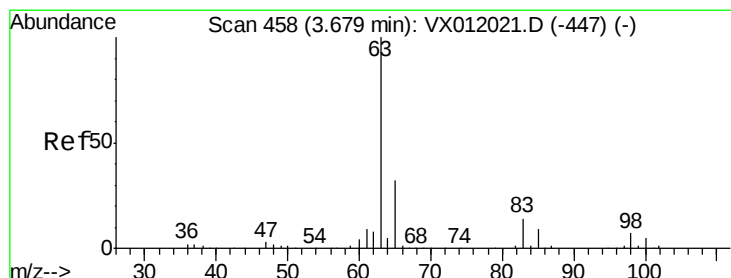
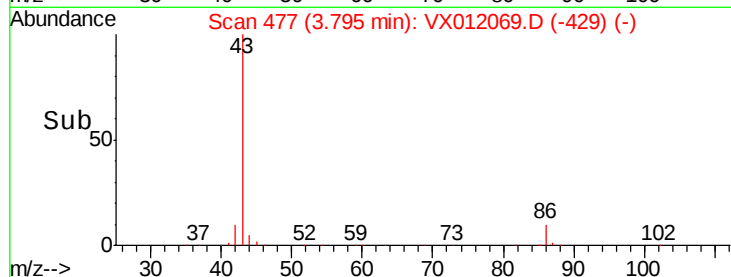
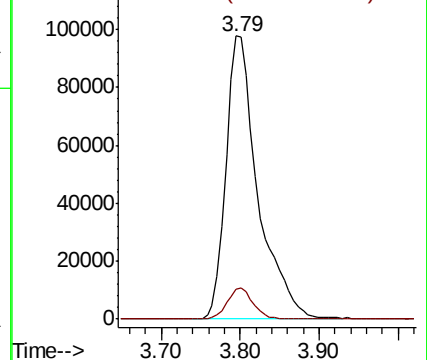
43 100

86 10.6 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.748 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.01 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

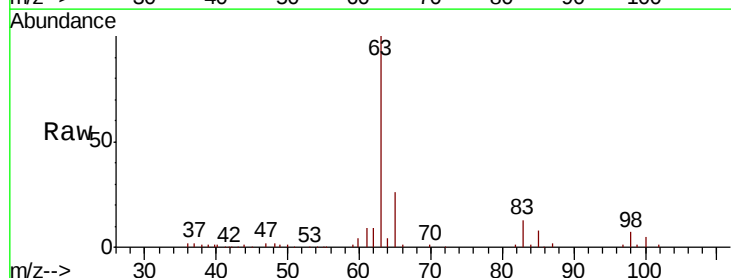
Tgt Ion: 63 Resp: 53048

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.7

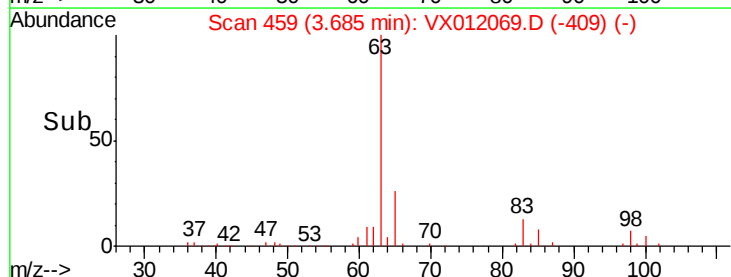
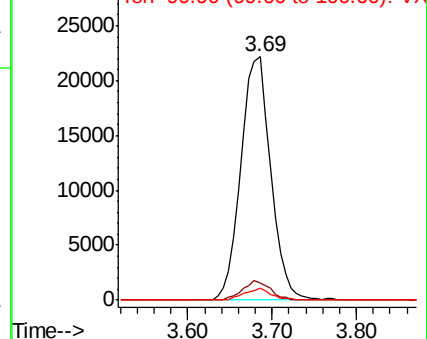
100 4.9 2.5 7.4

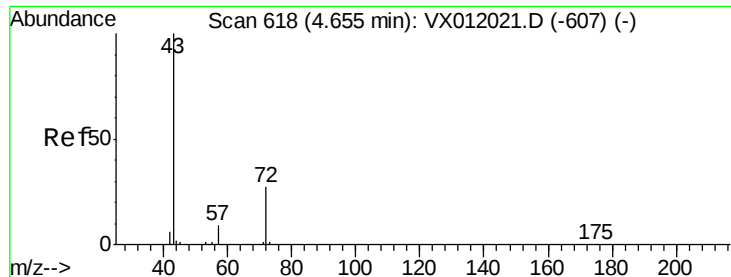


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 111.855 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

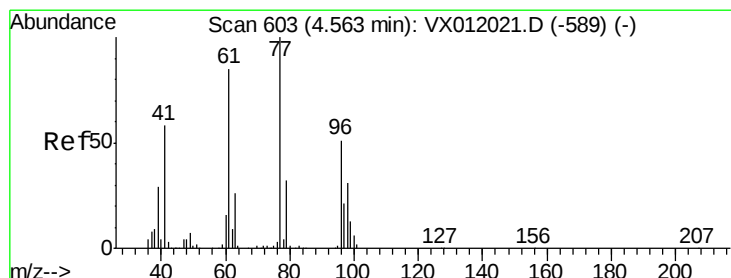
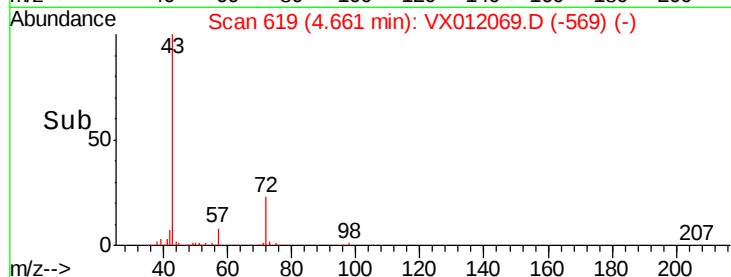
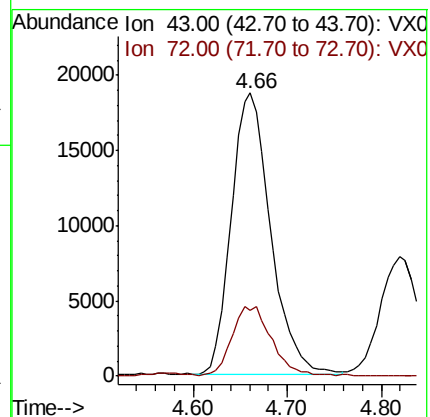
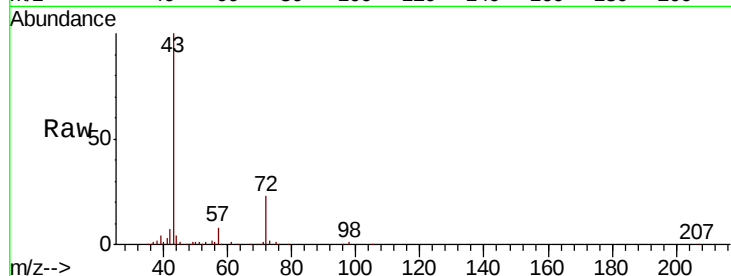
VX0904SBS02

Tgt Ion: 43 Resp: 54381

Ion Ratio Lower Upper

43 100

72 23.0 21.3 31.9



#26

2,2-Dichloropropane

Concen: 17.266 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012069.D

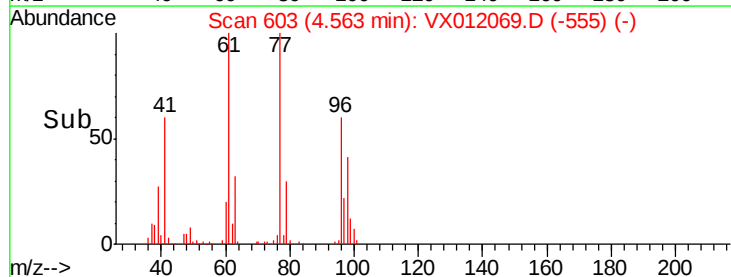
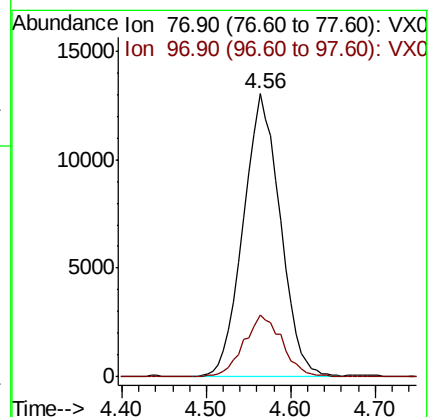
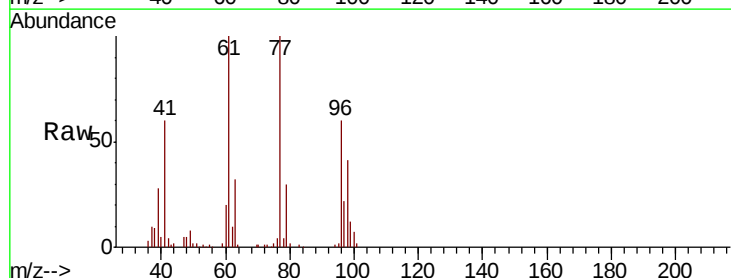
Acq: 05 Sep 2019 00:06

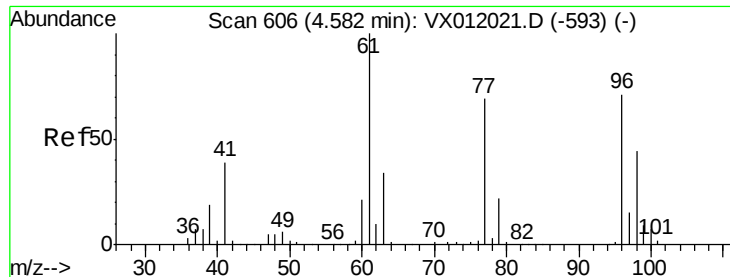
Tgt Ion: 77 Resp: 38884

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.5



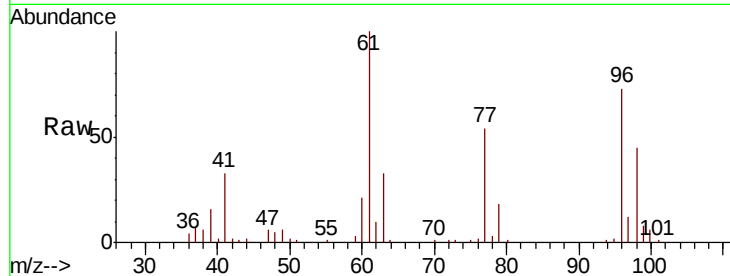


#27

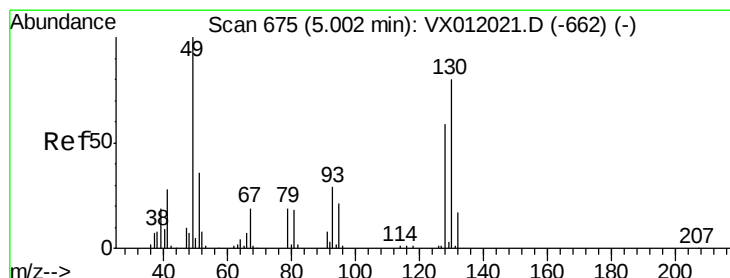
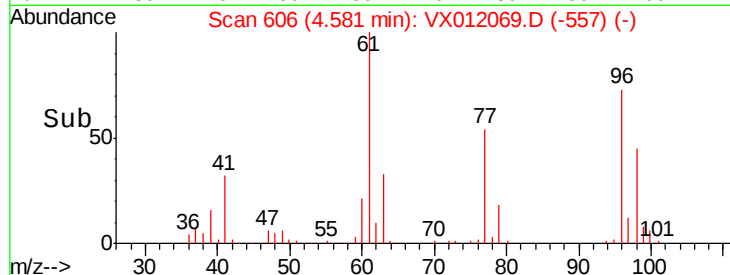
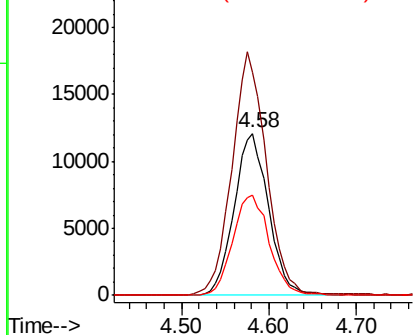
cis-1,2-Dichloroethene
Concen: 21.081 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

Tgt Ion: 96 Resp: 33067
Ion Ratio Lower Upper
96 100
61 150.6 0.0 277.0
98 65.3 0.0 128.4



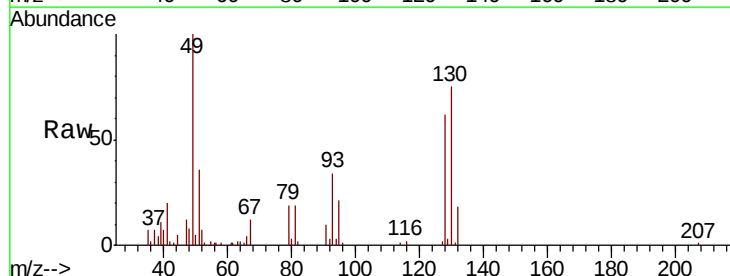
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



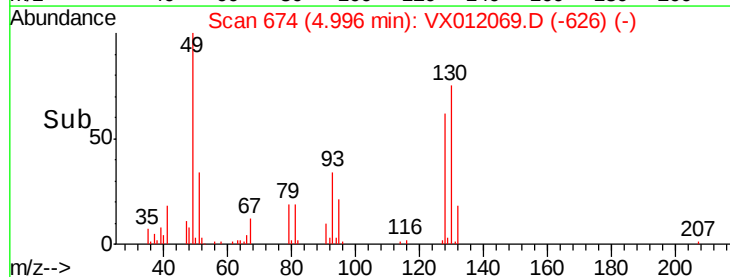
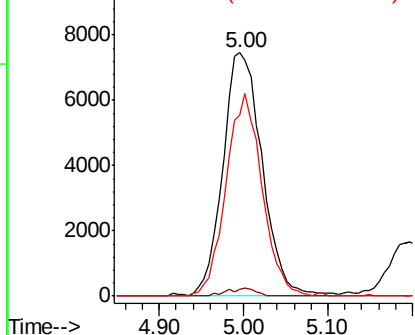
#28

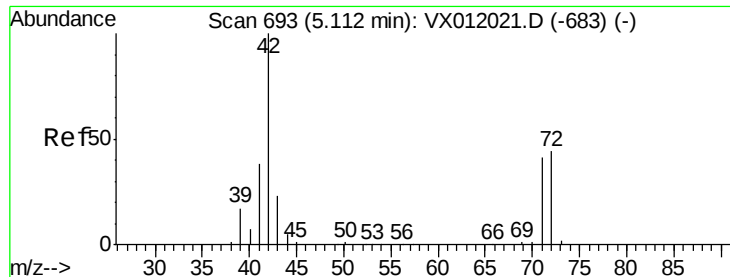
Bromochloromethane
Concen: 24.247 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion: 49 Resp: 23609
Ion Ratio Lower Upper
49 100
129 2.3 0.0 5.6
130 76.0 76.7 115.1#



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 115.226 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS02

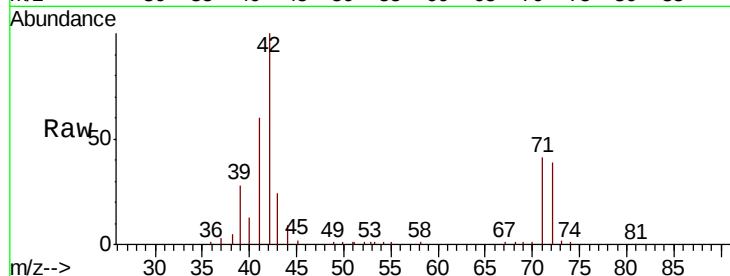
Tgt Ion: 42 Resp: 33752

Ion Ratio Lower Upper

42 100

72 47.7 37.0 55.4

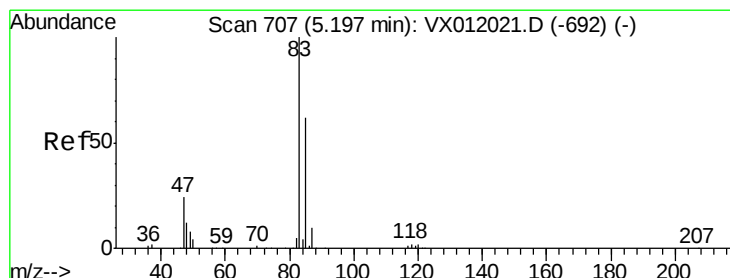
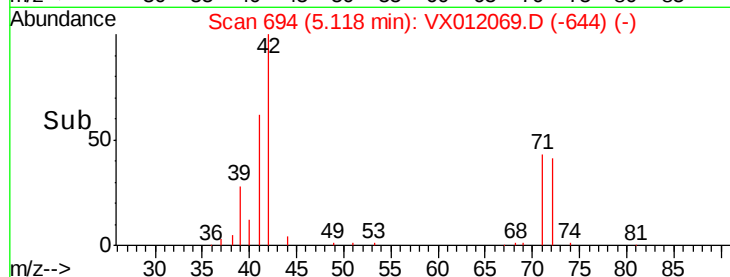
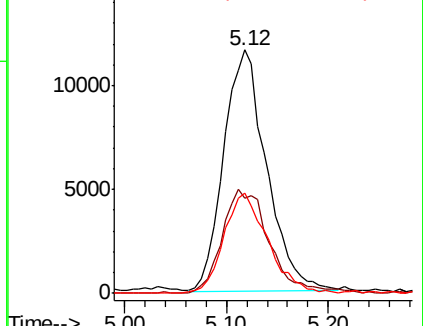
71 42.6 33.8 50.8



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: 21.816 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.01 min

Lab File: VX012069.D

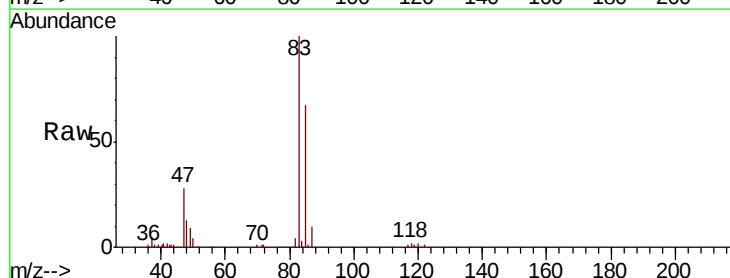
Acq: 05 Sep 2019 00:06

Tgt Ion: 83 Resp: 57099

Ion Ratio Lower Upper

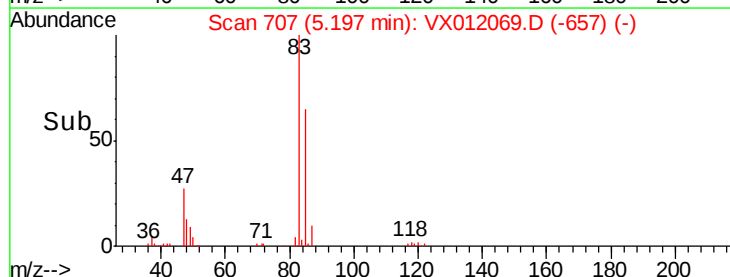
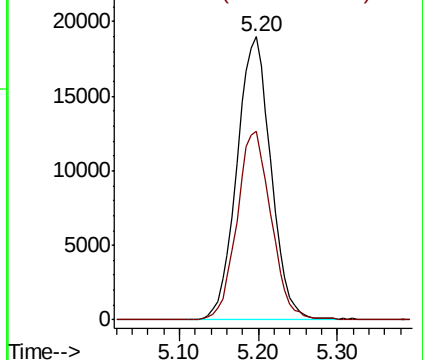
83 100

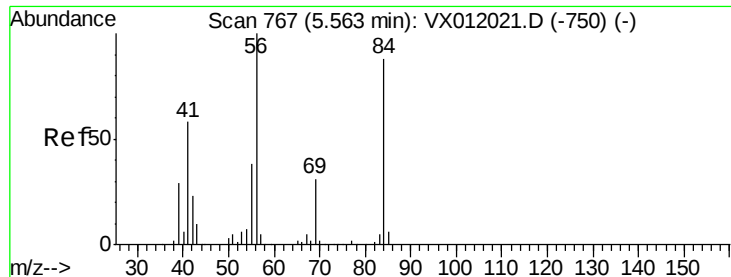
85 66.5 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

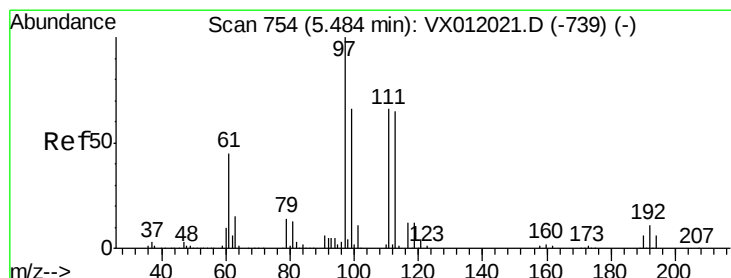
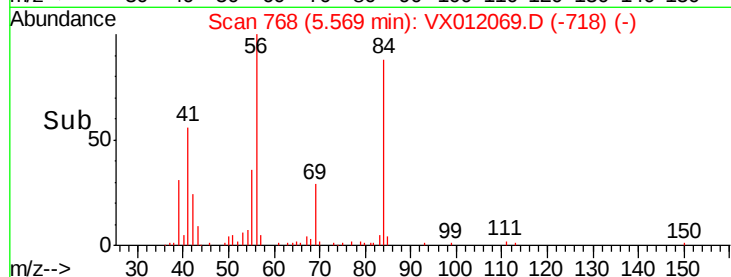
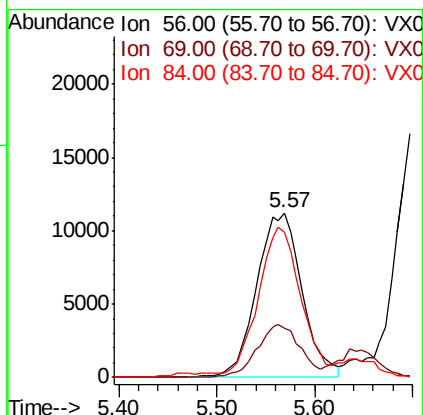
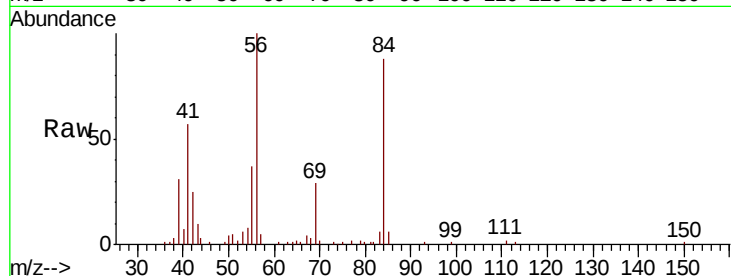




#31
Cyclohexane
Concen: 18.414 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.01 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

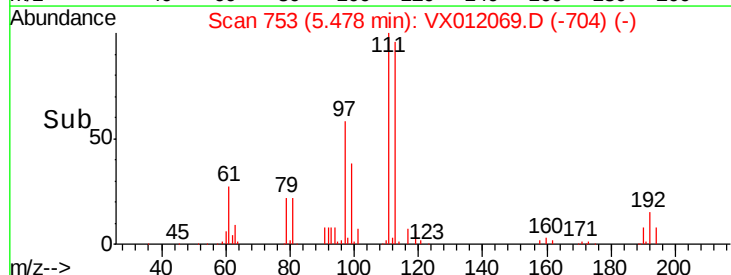
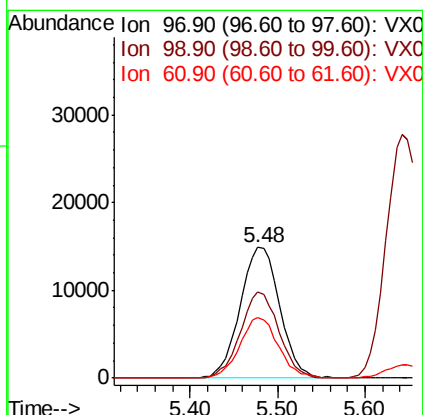
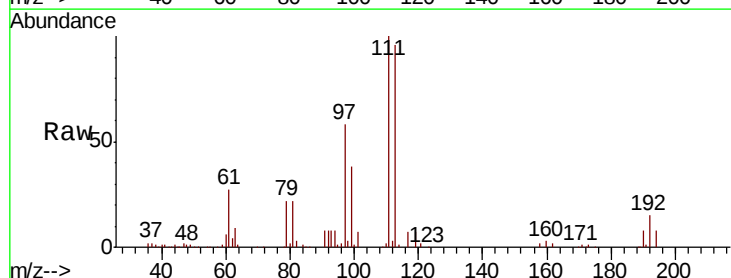
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

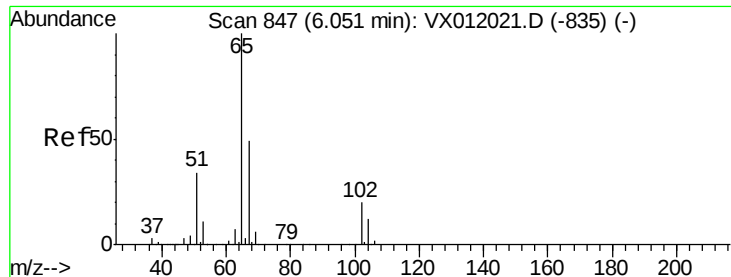
Tgt Ion: 56 Resp: 36074
Ion Ratio Lower Upper
56 100
69 29.5 25.7 38.5
84 84.9 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 20.606 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion: 97 Resp: 46972
Ion Ratio Lower Upper
97 100
99 63.8 52.1 78.1
61 45.4 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 59.388 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

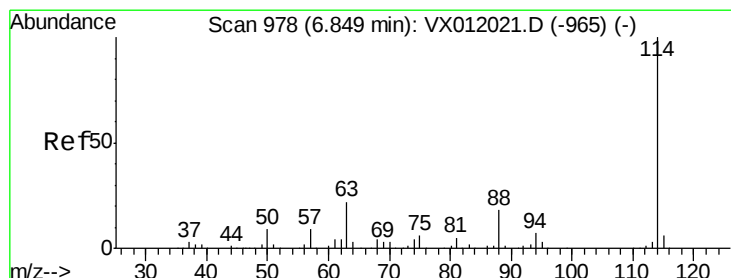
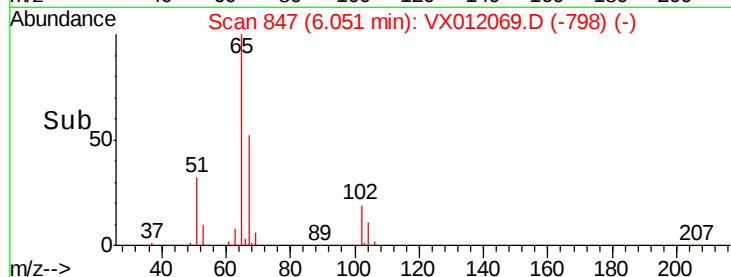
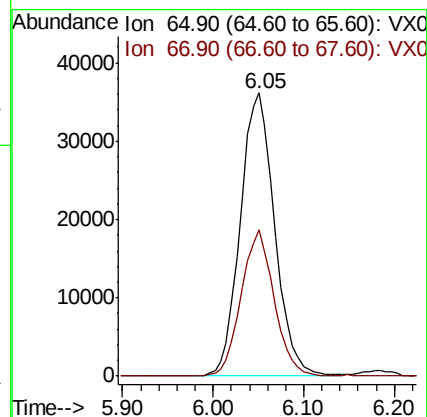
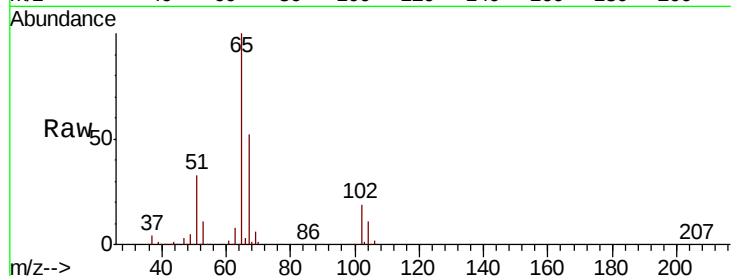
VX0904SBS02

Tgt Ion: 65 Resp: 94897

Ion Ratio Lower Upper

65 100

67 49.5 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

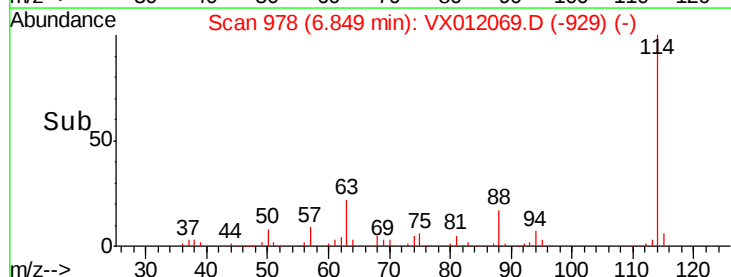
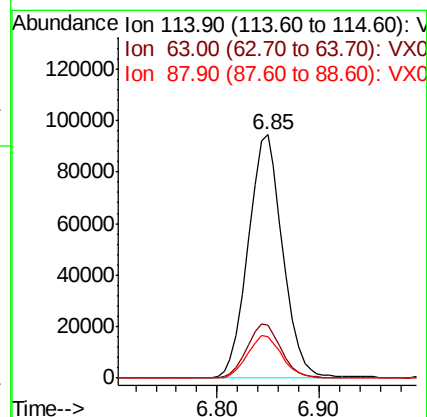
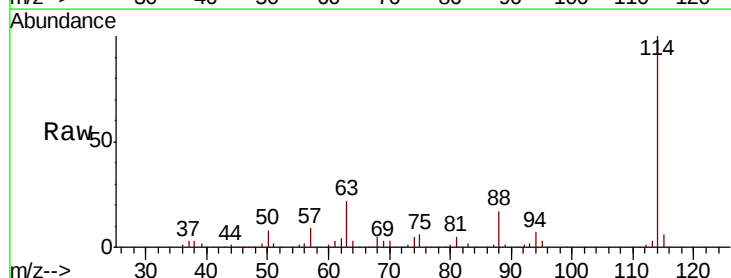
Tgt Ion: 114 Resp: 222082

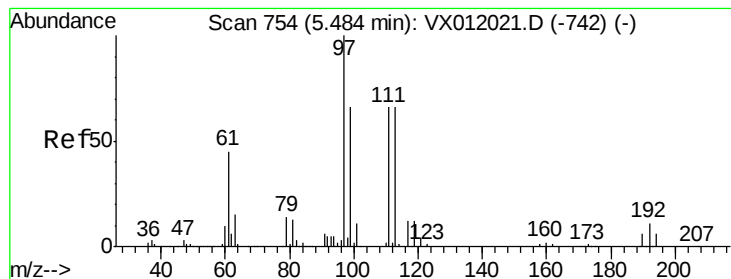
Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.4

88 17.1 0.0 29.6





#35

Dibromofluoromethane

Concen: 53.613 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS02

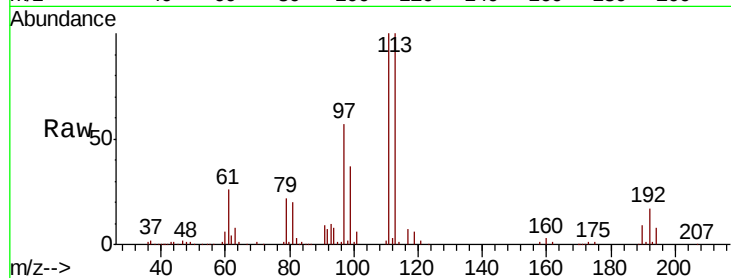
Tgt Ion:113 Resp: 73222

Ion Ratio Lower Upper

113 100

111 101.5 81.7 122.5

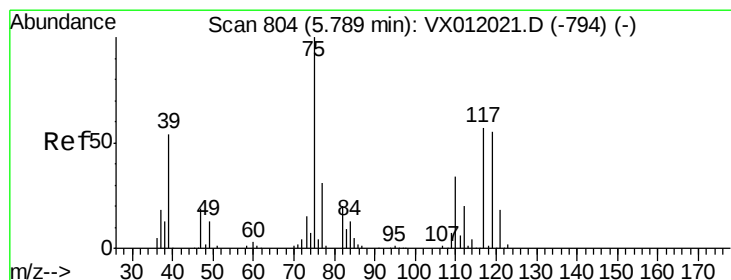
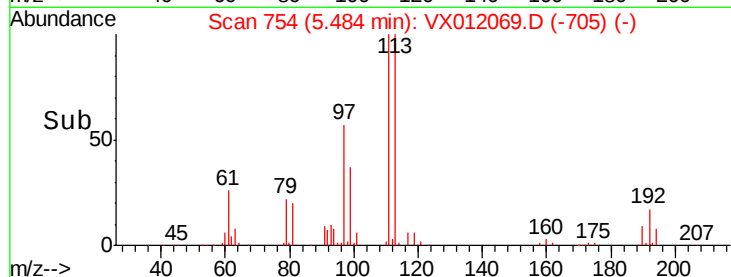
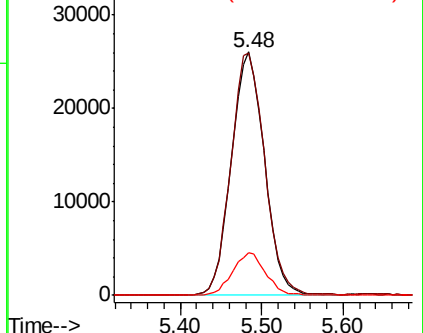
192 17.2 22.5 33.7#



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: 17.981 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

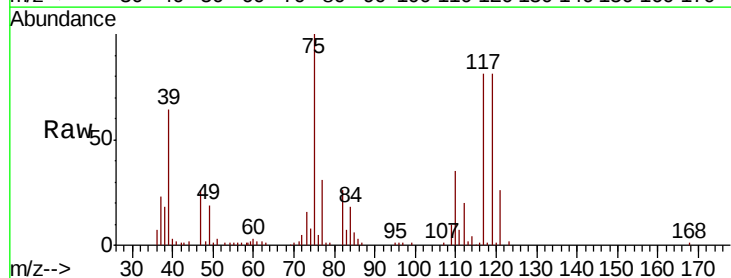
Tgt Ion: 75 Resp: 35170

Ion Ratio Lower Upper

75 100

110 35.8 19.5 58.5

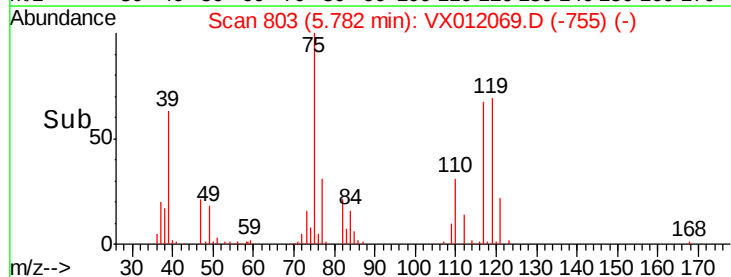
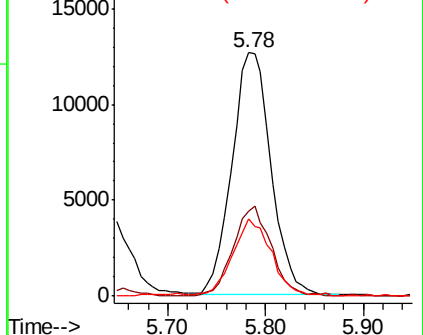
77 31.6 24.6 37.0

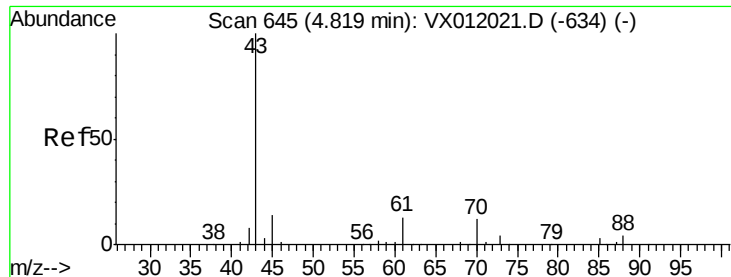


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 21.934 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.01 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS02

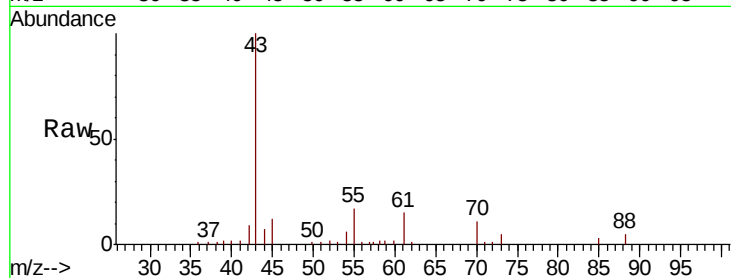
Tgt Ion: 43 Resp: 23330

Ion Ratio Lower Upper

43 100

61 15.1 10.9 16.3

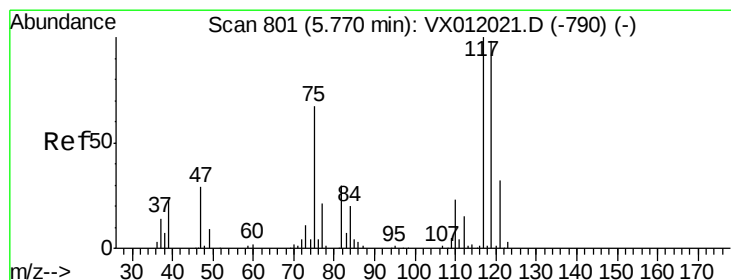
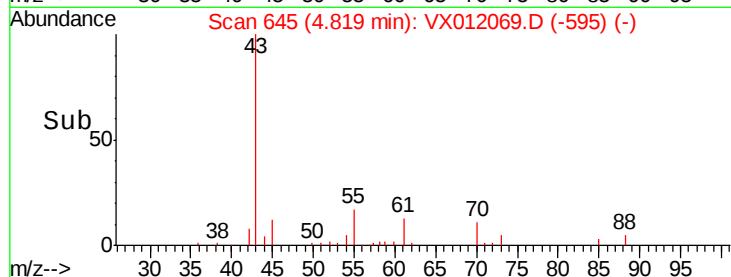
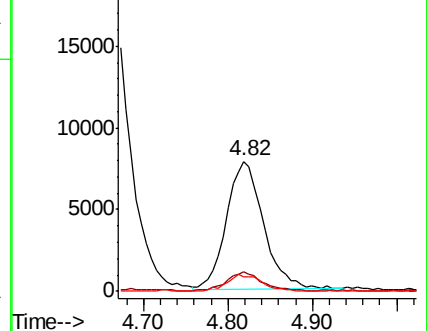
70 12.7 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 18.822 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

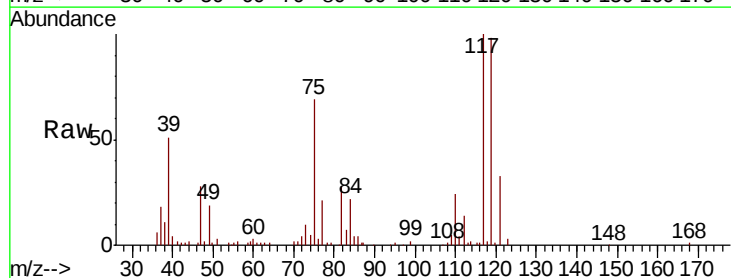
Tgt Ion: 117 Resp: 38794

Ion Ratio Lower Upper

117 100

119 97.5 78.3 117.5

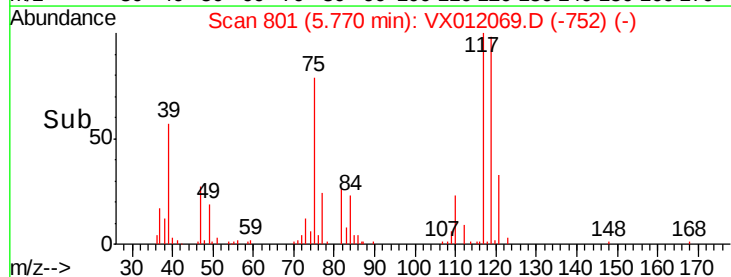
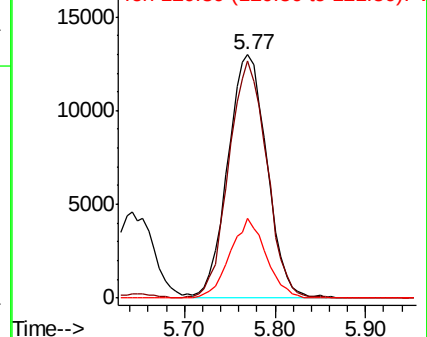
121 32.8 24.2 36.2

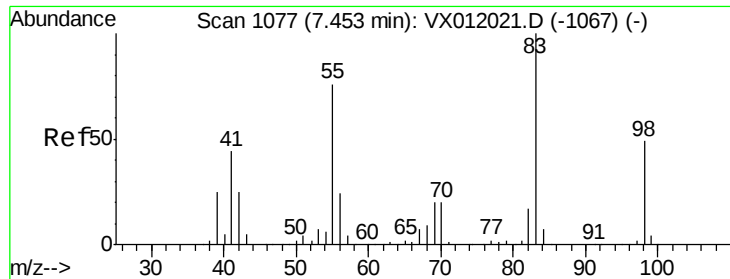


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

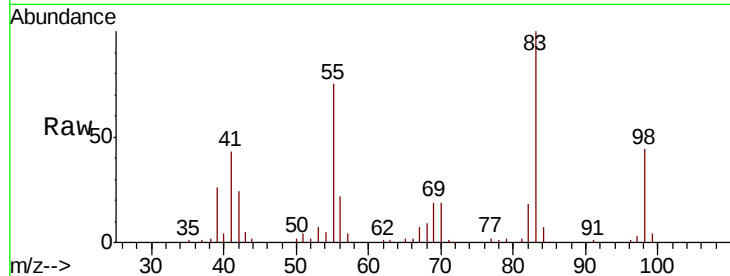




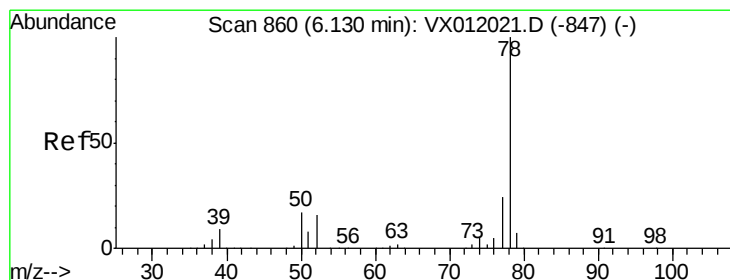
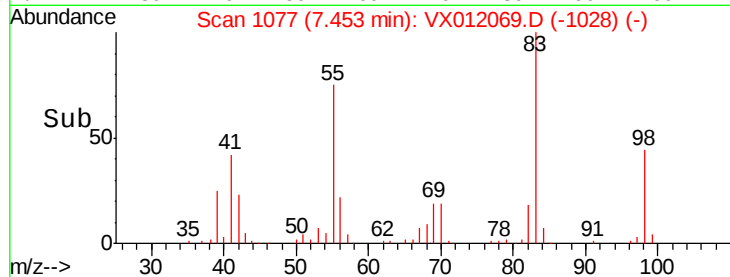
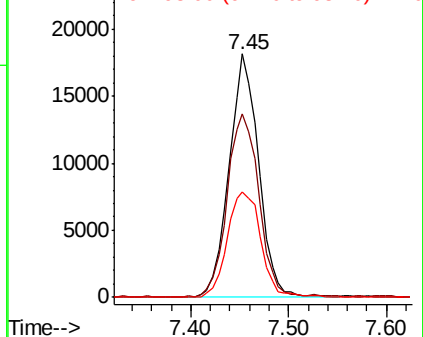
#39
Methylcyclohexane
Concen: 16.753 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

Tgt Ion: 83 Resp: 38033
Ion Ratio Lower Upper
83 100
55 74.7 59.6 89.4
98 43.5 41.4 62.0

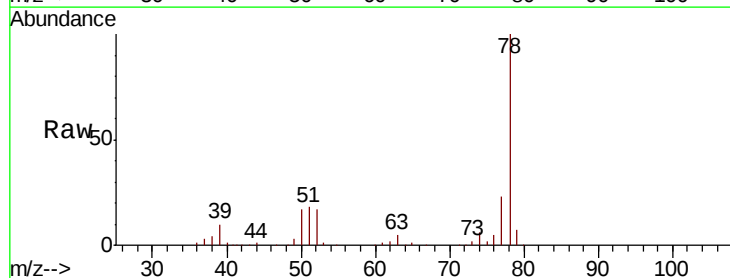


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

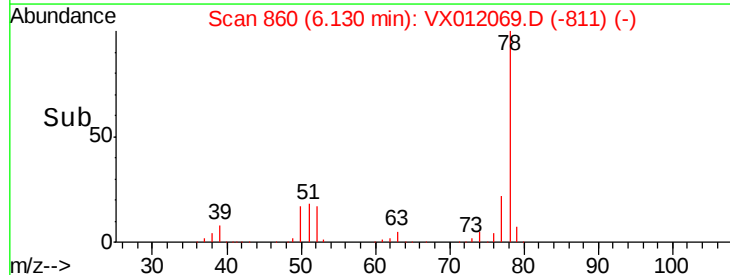
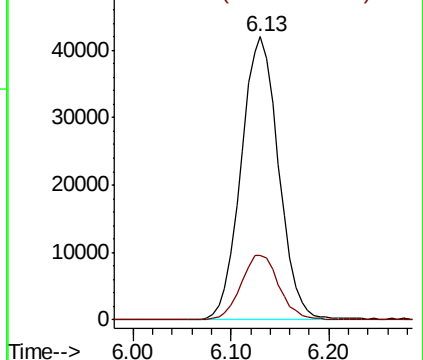


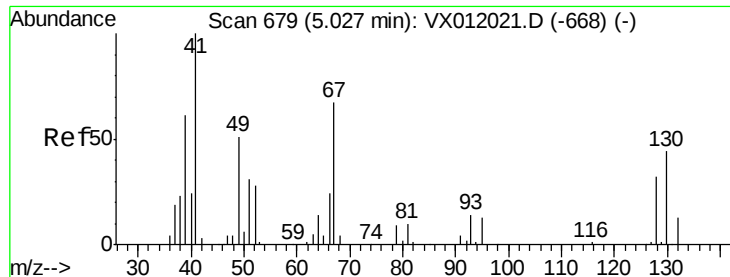
#40
Benzene
Concen: 19.925 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion: 78 Resp: 111885
Ion Ratio Lower Upper
78 100
77 22.7 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 22.218 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampled :

VX0904SBS02

Tgt Ion: 41 Resp: 14093

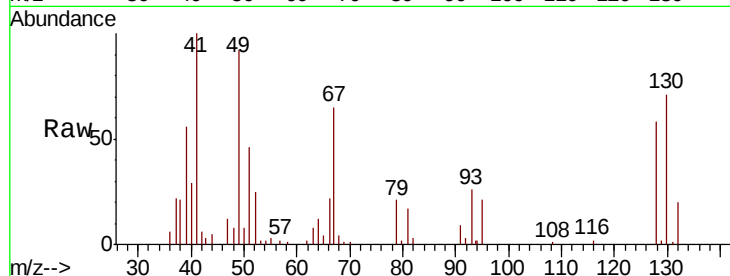
Ion Ratio Lower Upper

41 100

39 62.6 46.7 70.1

67 71.9 57.0 85.6

52 31.3 23.5 35.3

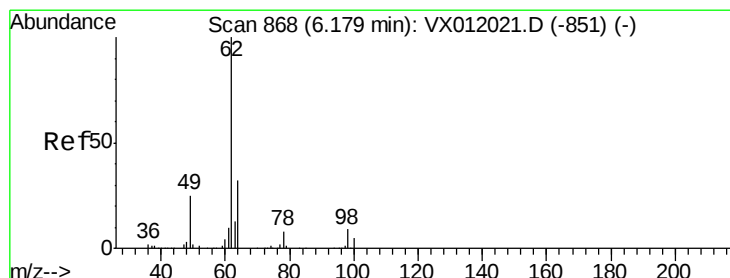
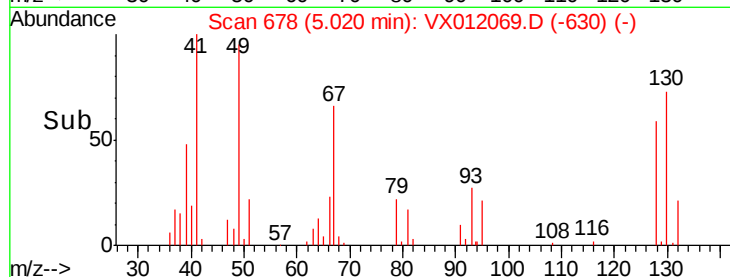
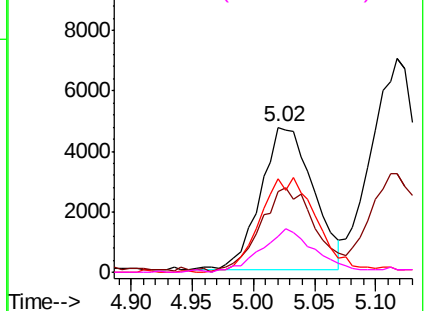


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 21.985 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX012069.D

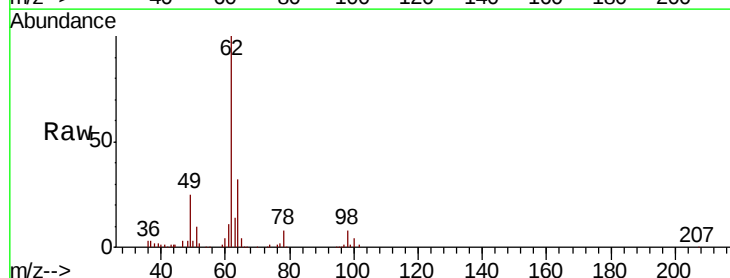
Acq: 05 Sep 2019 00:06

Tgt Ion: 62 Resp: 44425

Ion Ratio Lower Upper

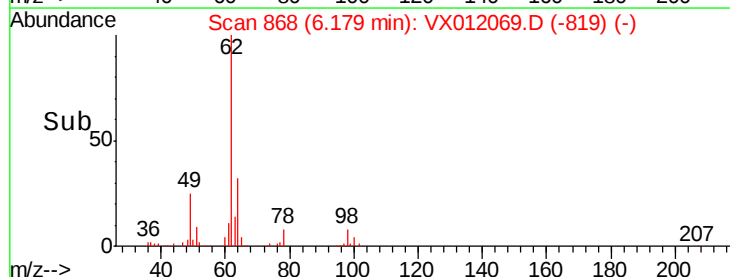
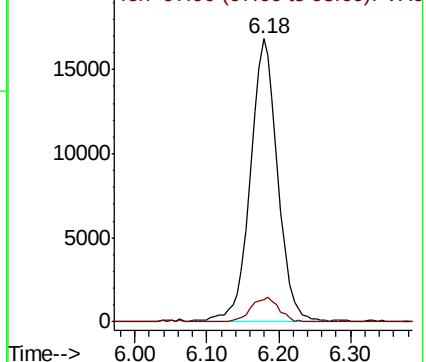
62 100

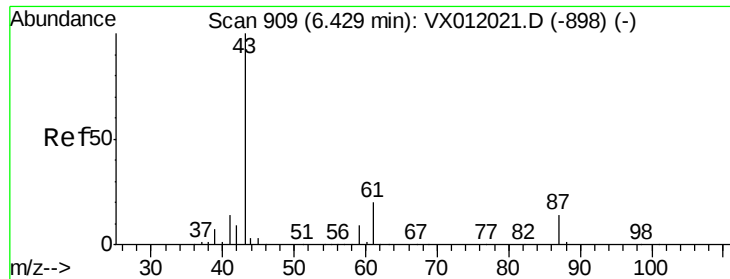
98 8.8 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 22.167 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS02

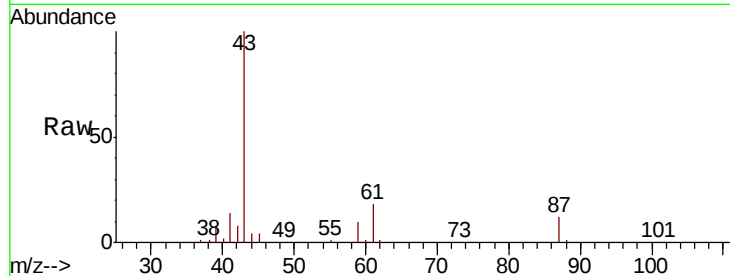
Tgt Ion: 43 Resp: 47941

Ion Ratio Lower Upper

43 100

61 19.3 16.1 24.1

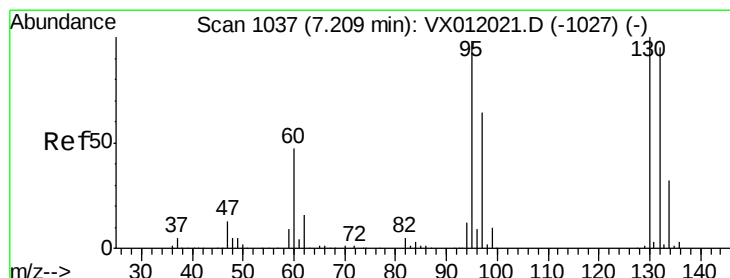
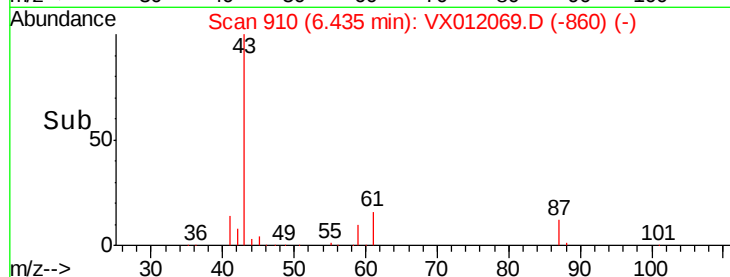
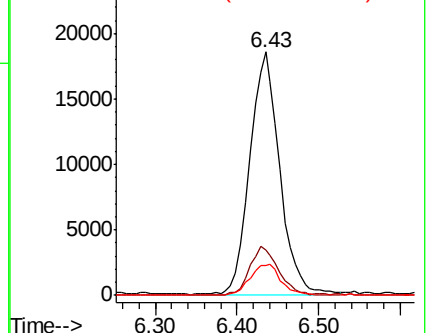
87 13.0 11.3 16.9



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: 19.662 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012069.D

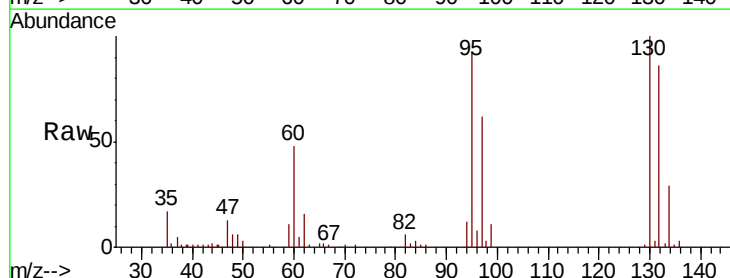
Acq: 05 Sep 2019 00:06

Tgt Ion: 130 Resp: 29779

Ion Ratio Lower Upper

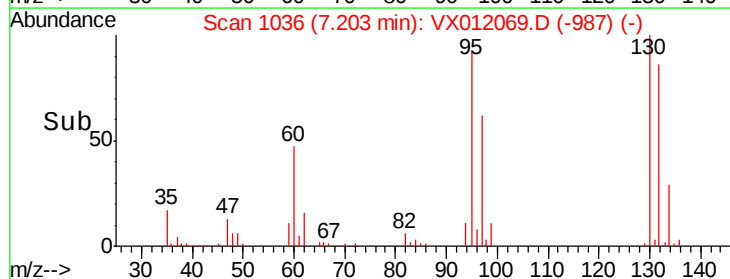
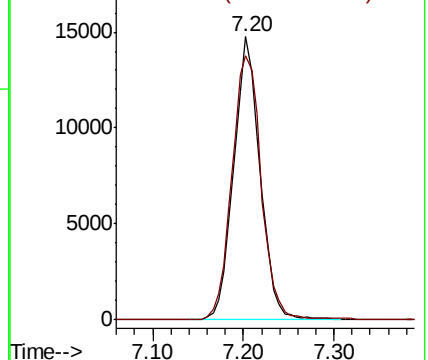
130 100

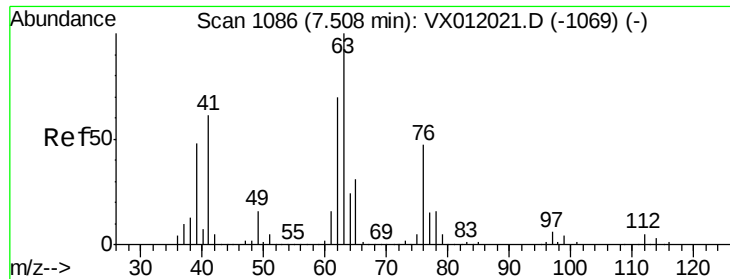
95 93.3 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

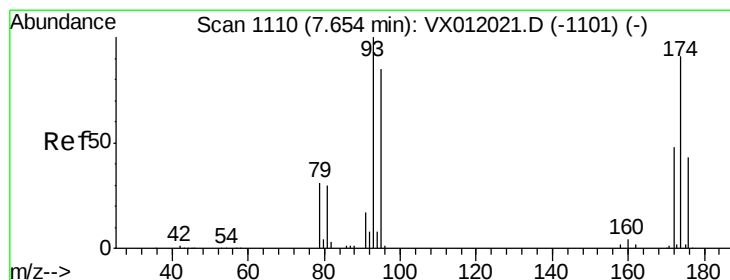
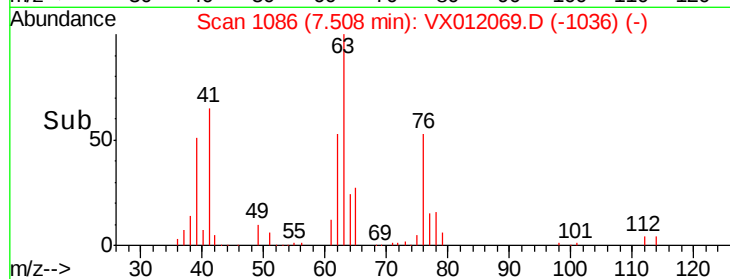
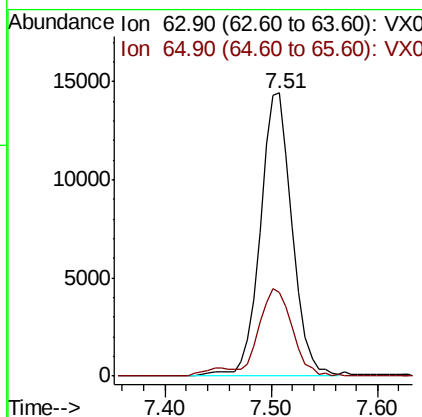
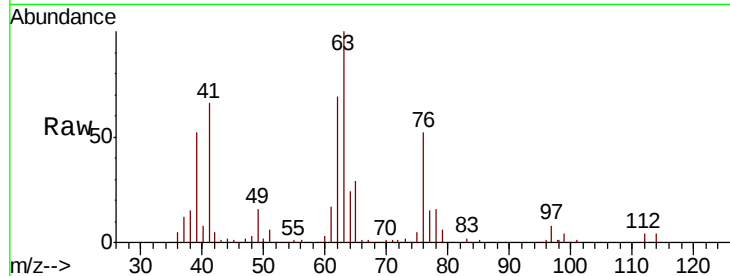




#45
 1,2-Dichloropropane
 Concen: 20.783 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.01 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

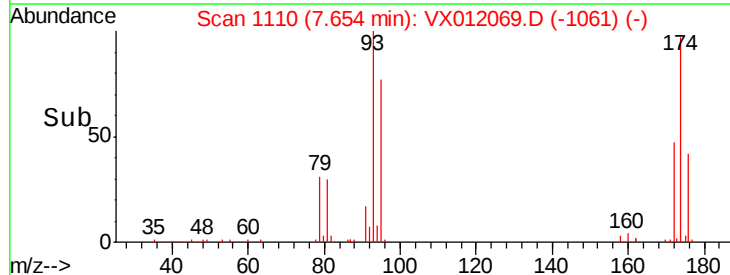
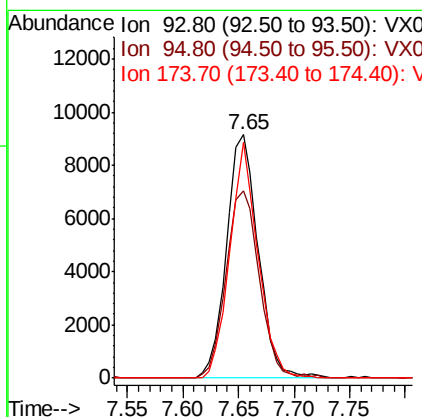
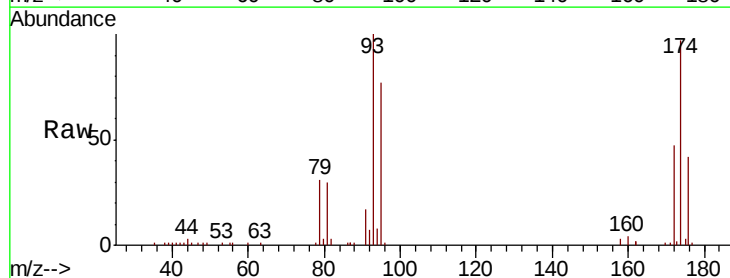
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS02

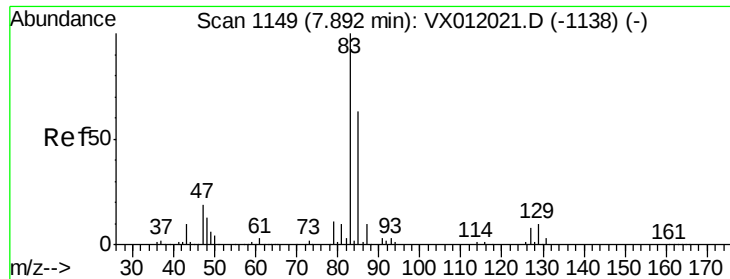
Tgt Ion: 63 Resp: 30151
 Ion Ratio Lower Upper
 63 100
 65 29.1 25.0 37.6



#46
 Dibromomethane
 Concen: 21.341 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Tgt Ion: 93 Resp: 18074
 Ion Ratio Lower Upper
 93 100
 95 80.8 66.2 99.2
 174 86.0 110.2 165.4#





#47

Bromodichloromethane

Concen: 21.243 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS02

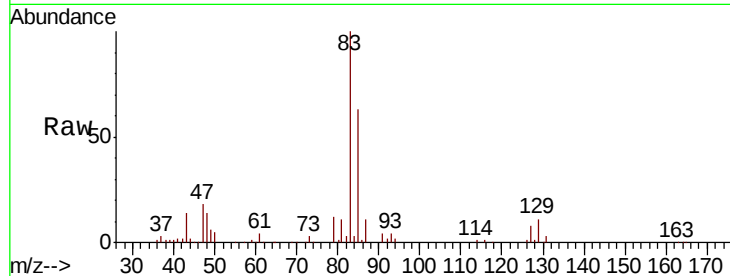
Tgt Ion: 83 Resp: 45730

Ion Ratio Lower Upper

83 100

85 63.3 50.3 75.5

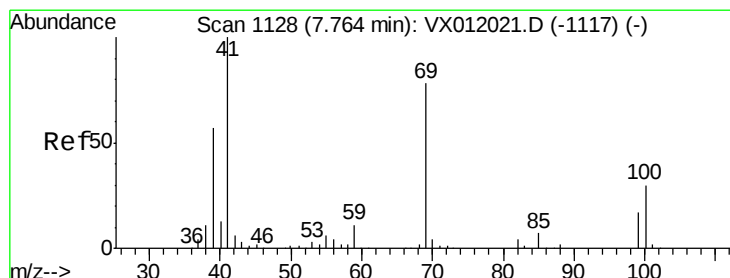
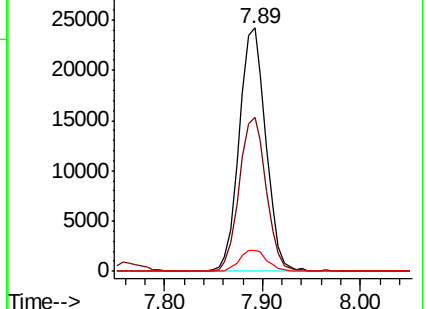
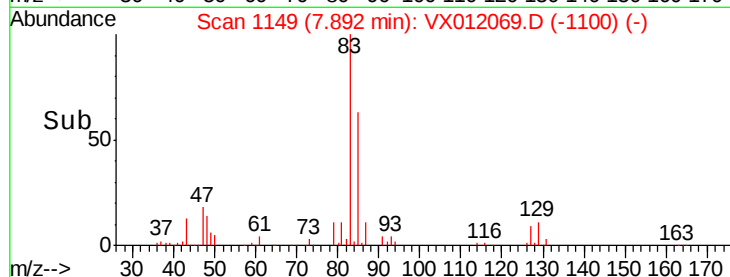
127 8.5 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.812 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

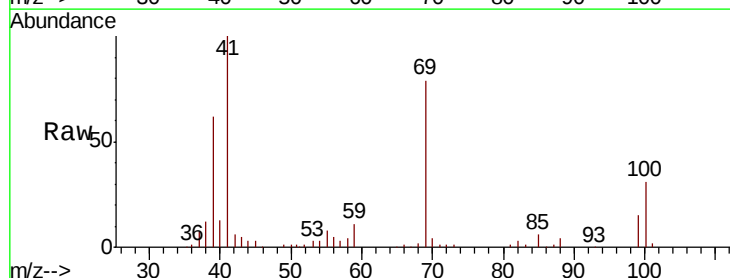
Tgt Ion: 41 Resp: 23719

Ion Ratio Lower Upper

41 100

69 79.3 66.3 99.5

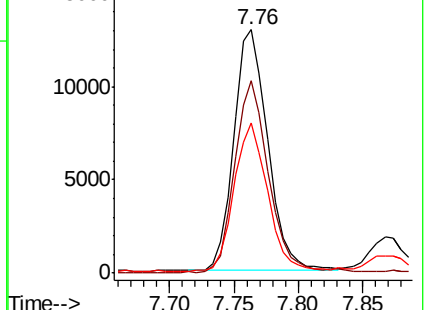
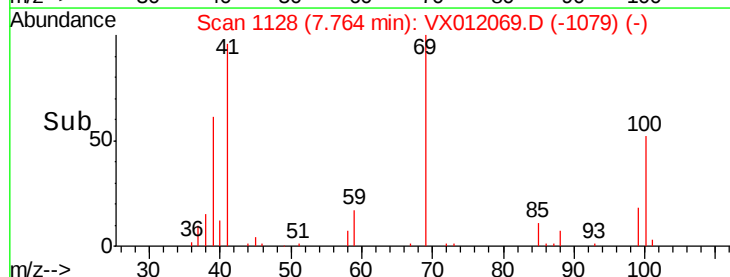
39 60.7 48.1 72.1

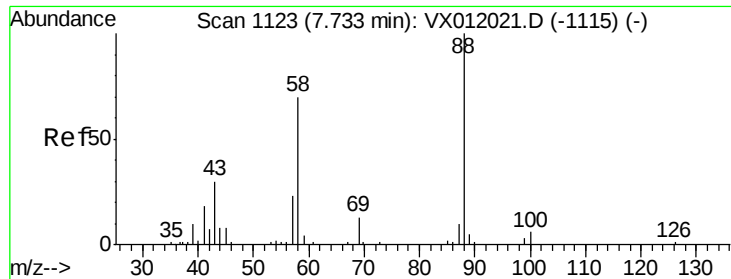


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

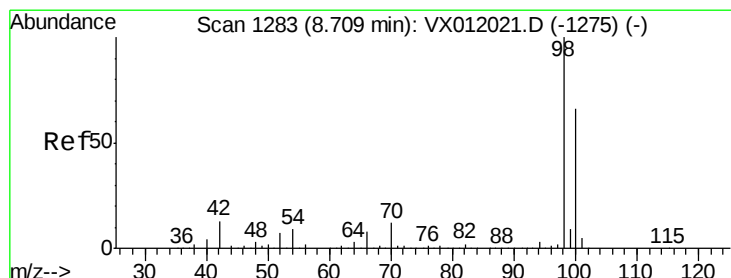
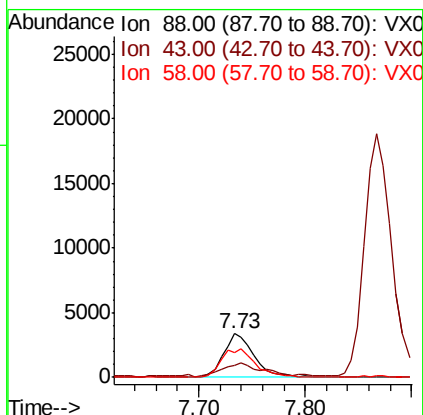
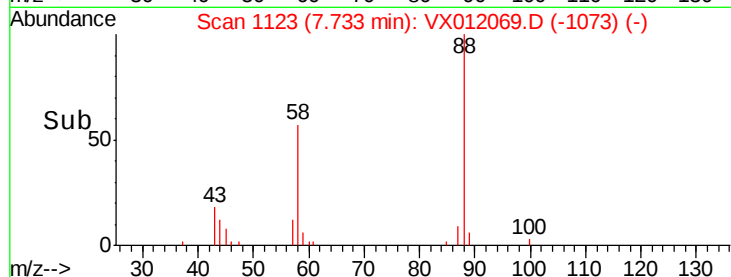
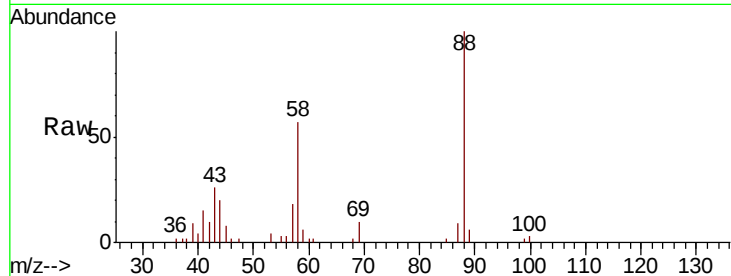




#49
1,4-Dioxane
Concen: 460.058 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

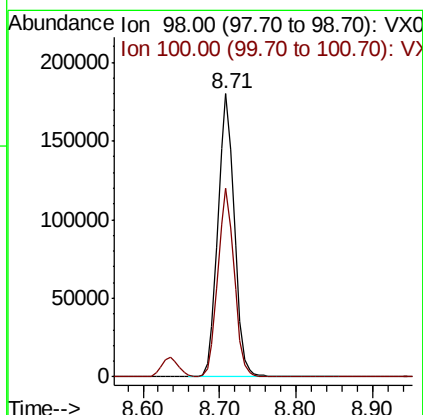
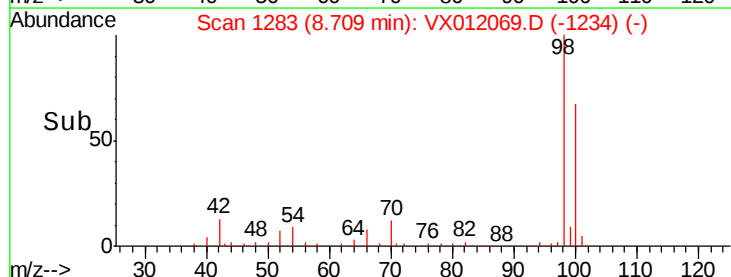
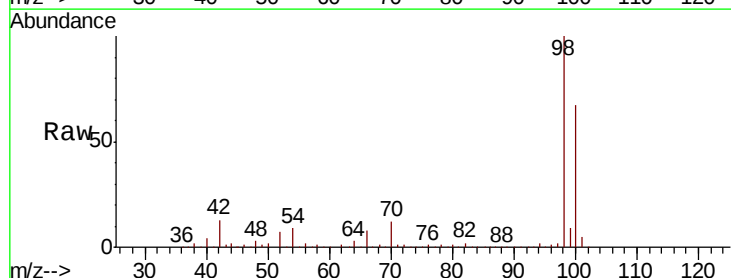
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

Tgt Ion: 88 Resp: 6820
Ion Ratio Lower Upper
88 100
43 40.0 29.8 44.6
58 73.3 55.4 83.2



#50
Toluene-d8
Concen: 53.856 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion: 98 Resp: 269907
Ion Ratio Lower Upper
98 100
100 66.1 53.3 79.9

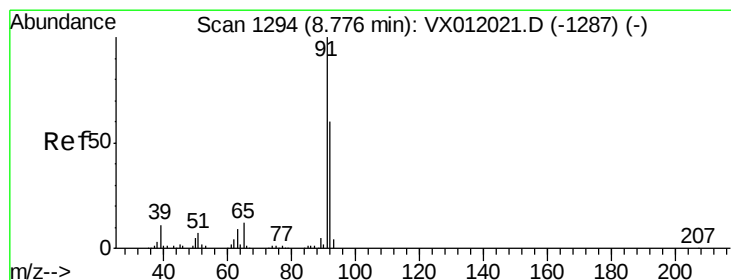
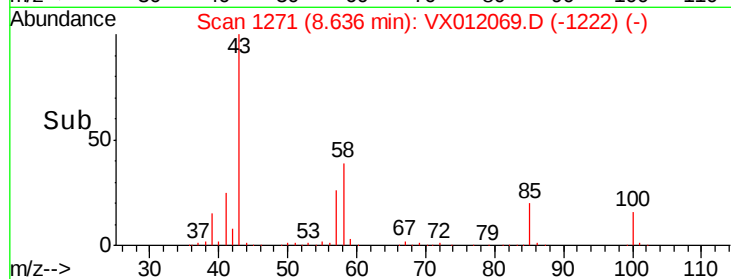
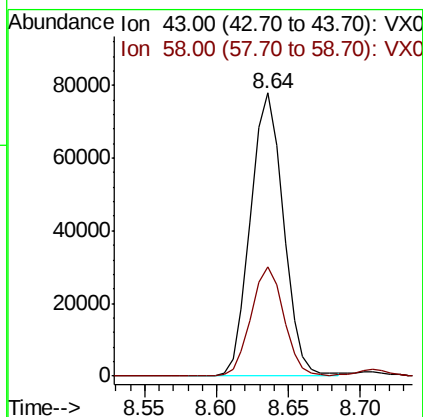
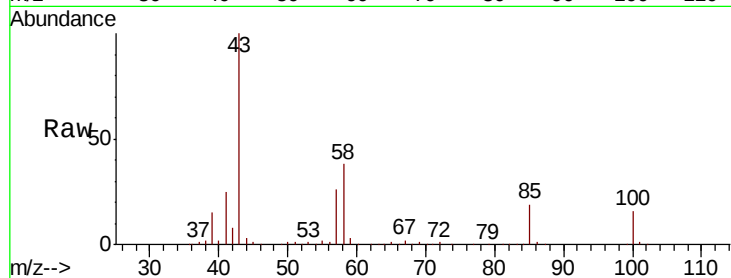




#51
 4-Methyl-2-Pentanone
 Concen: 112.063 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

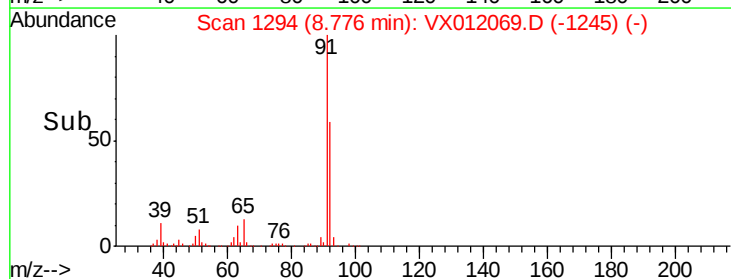
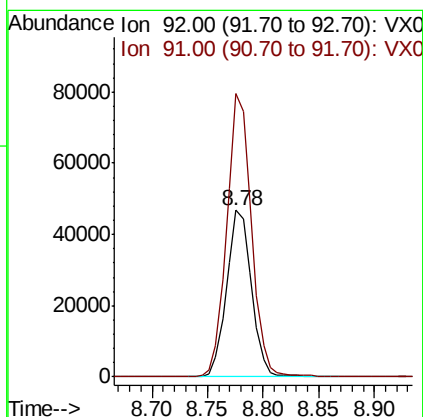
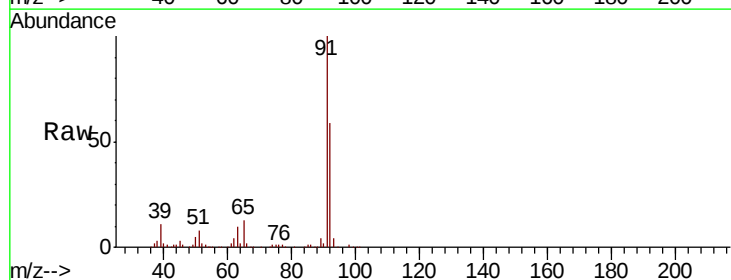
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS02

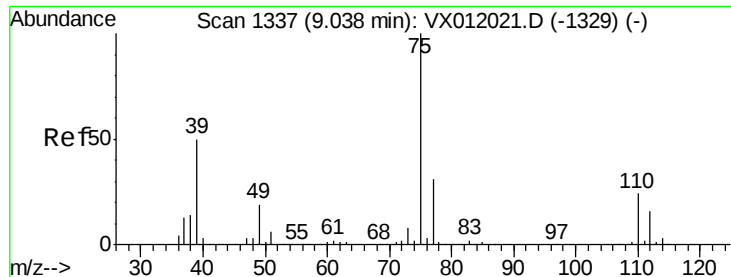
Tgt Ion: 43 Resp: 123275
 Ion Ratio Lower Upper
 43 100
 58 38.5 31.5 47.3



#52
 Toluene
 Concen: 19.919 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Tgt Ion: 92 Resp: 72776
 Ion Ratio Lower Upper
 92 100
 91 168.4 136.0 204.0

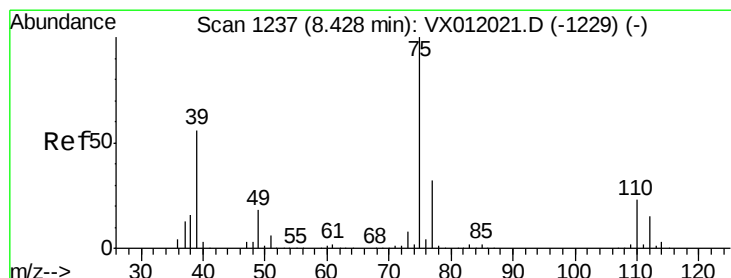
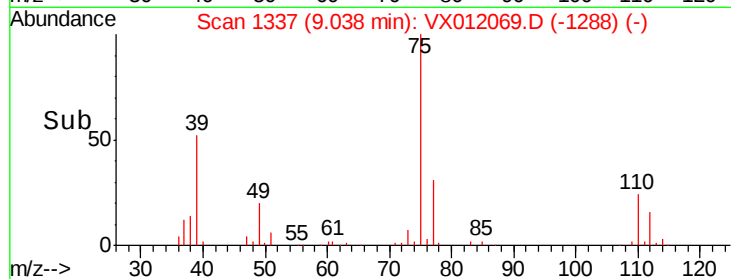
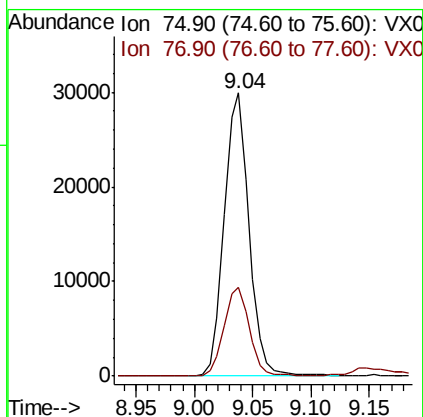
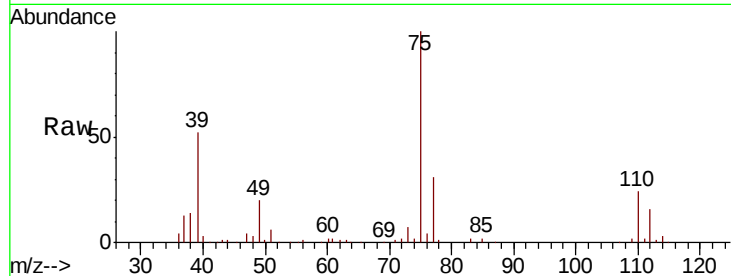




#53
 t-1,3-Dichloropropene
 Concen: 19.818 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

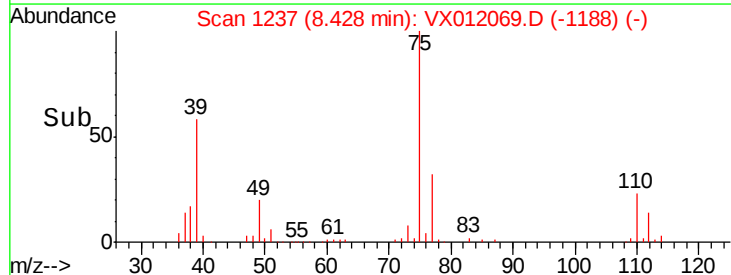
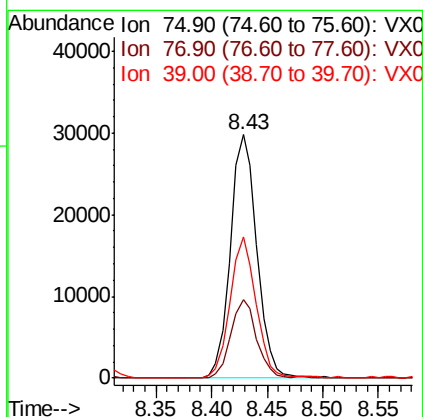
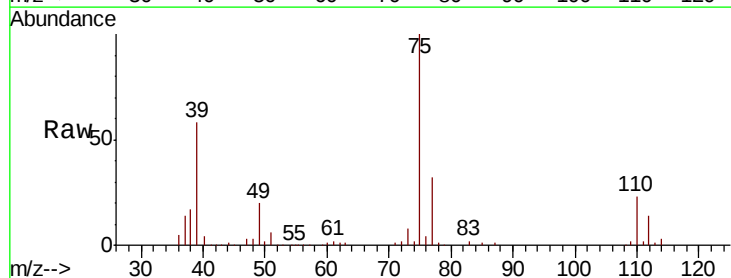
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS02

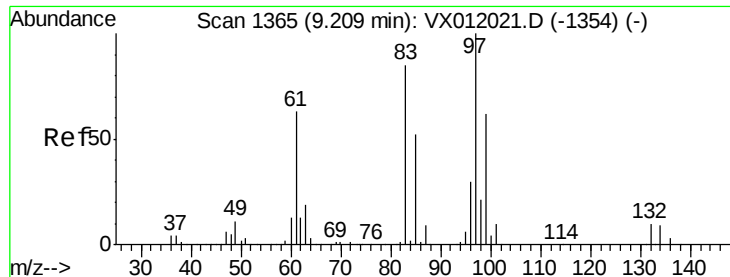
Tgt Ion: 75 Resp: 44169
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.759 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Tgt Ion: 75 Resp: 48970
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.5 38.3
 39 57.9 43.0 64.4

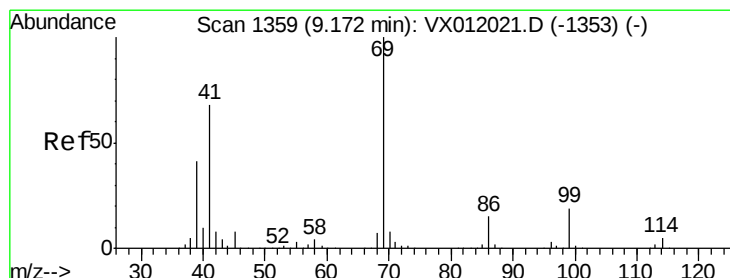
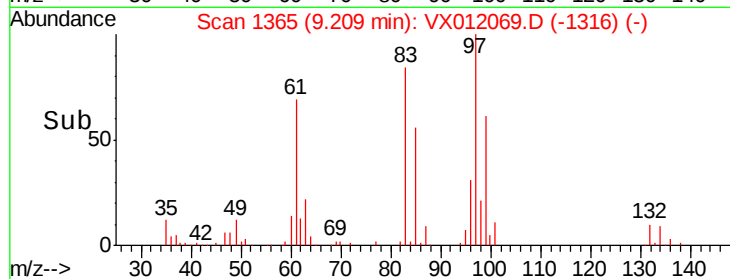
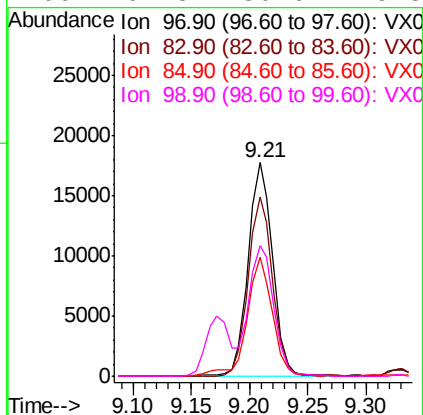
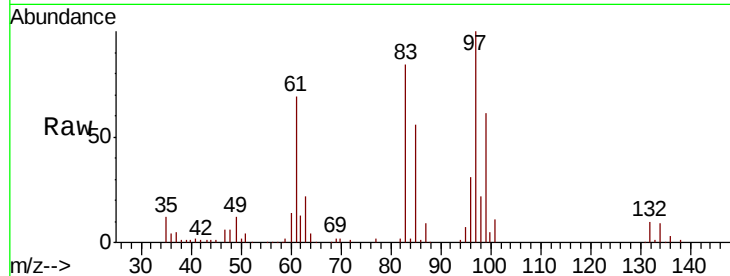




#55
 1,1,2-Trichloroethane
 Concen: 21.647 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

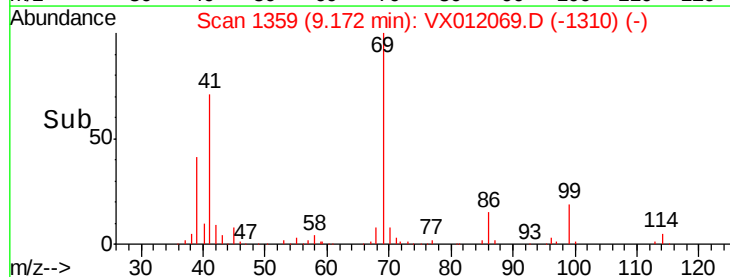
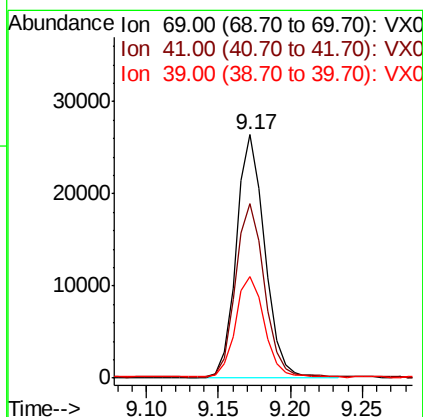
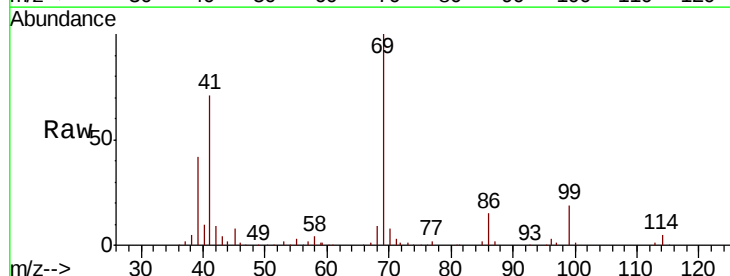
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS02

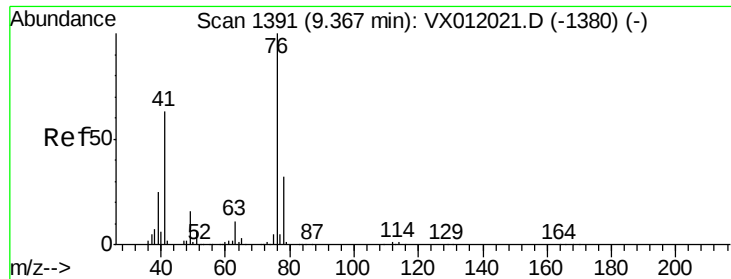
Tgt Ion:	97	Resp:	26210
Ion	Ratio	Lower	Upper
97	100		
83	83.6	66.0	99.0
85	56.0	41.0	61.6
99	61.3	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 21.062 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Tgt Ion:	69	Resp:	36529
Ion	Ratio	Lower	Upper
69	100		
41	72.7	53.9	80.9
39	42.0	31.1	46.7

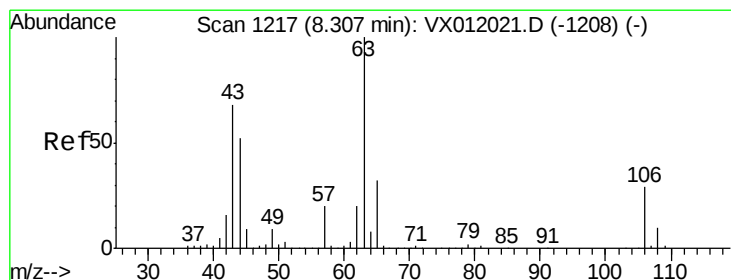
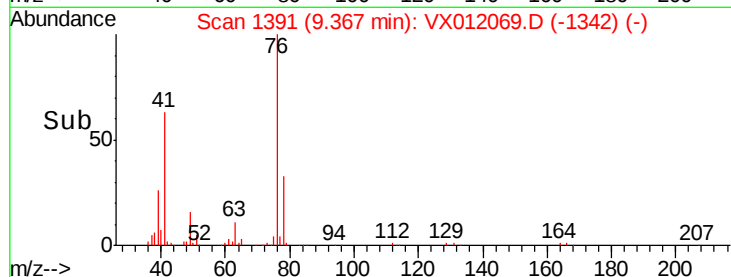
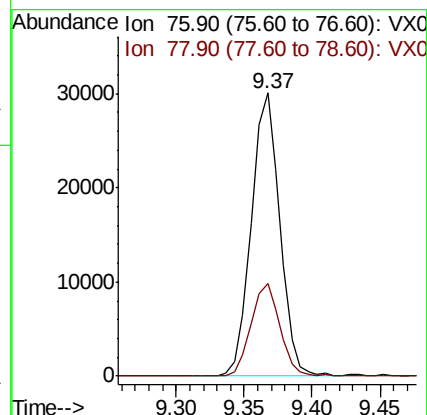
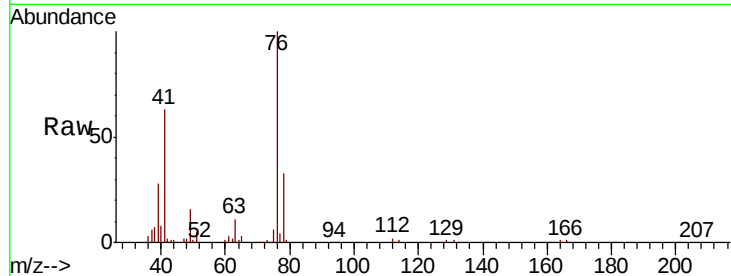




#57
 1,3-Dichloropropane
 Concen: 21.227 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

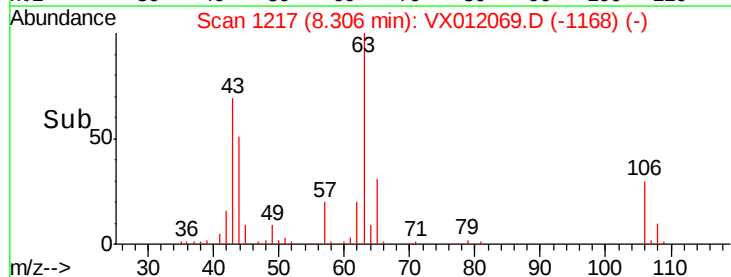
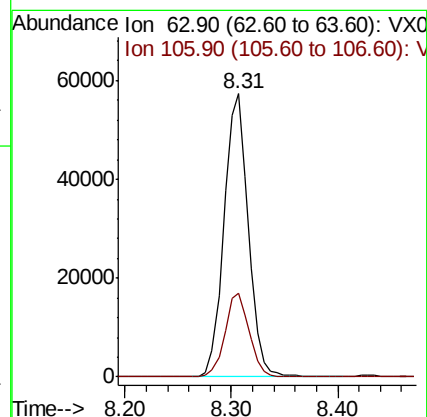
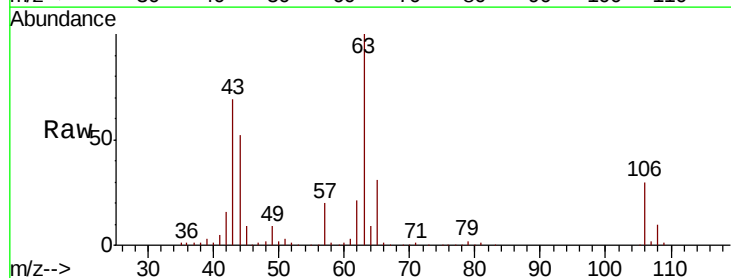
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS02

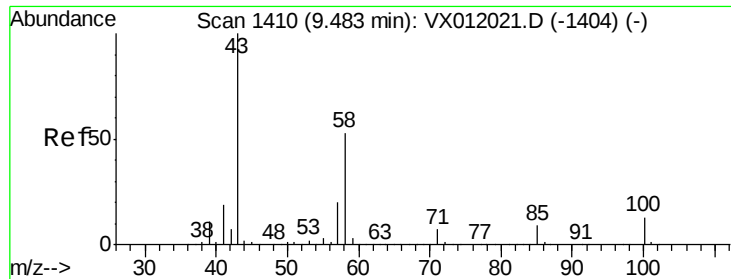
Tgt Ion: 76 Resp: 44351
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 116.040 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Tgt Ion: 63 Resp: 90731
 Ion Ratio Lower Upper
 63 100
 106 29.7 26.5 39.7

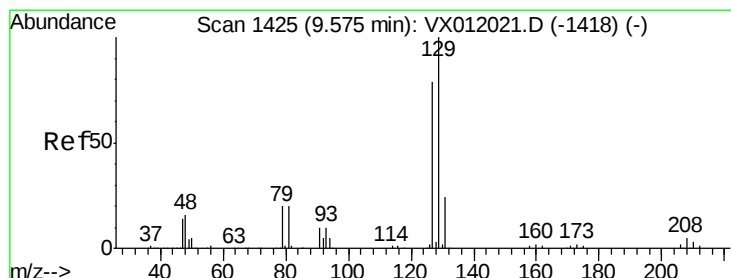
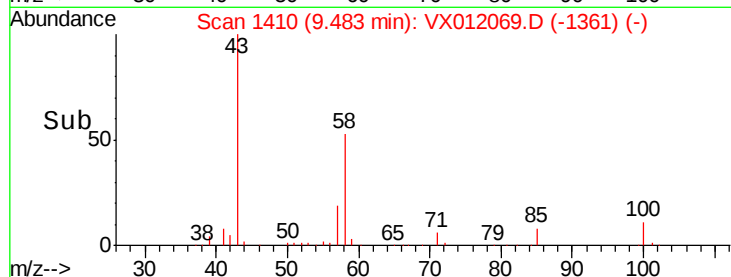
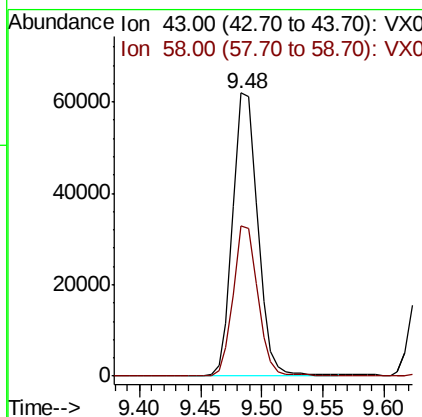
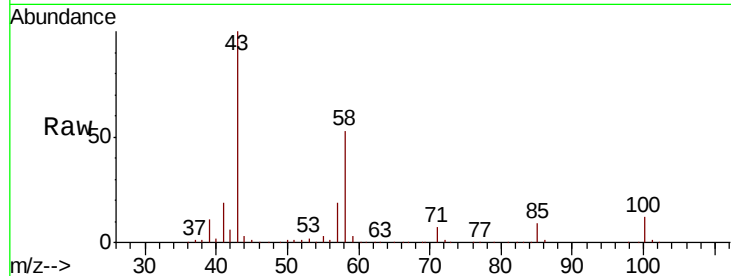




#59
2-Hexanone
Concen: 108.771 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

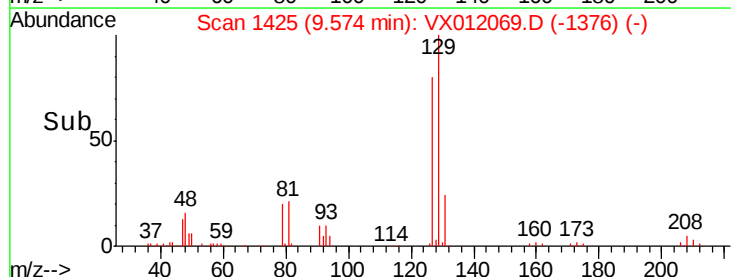
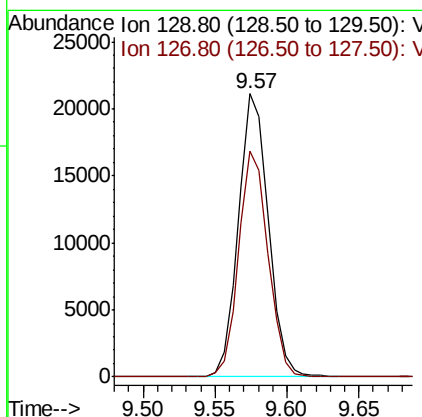
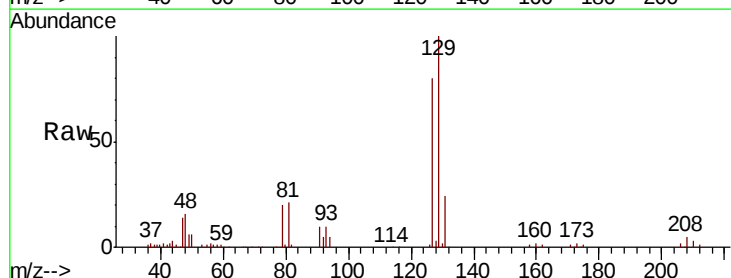
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

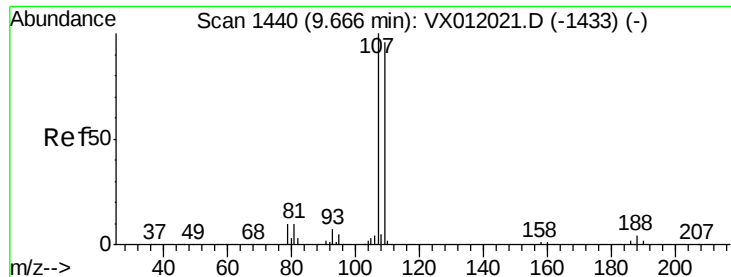
Tgt Ion: 43 Resp: 87309
Ion Ratio Lower Upper
43 100
58 52.7 27.2 81.6



#60
Dibromochloromethane
Concen: 21.103 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion: 129 Resp: 30452
Ion Ratio Lower Upper
129 100
127 78.5 38.1 114.5





#61

1,2-Dibromoethane

Concen: 21.308 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

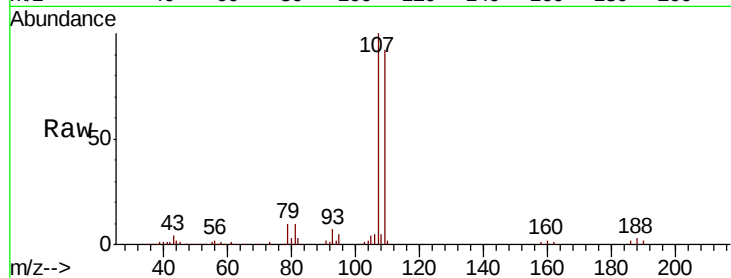
VX0904SBS02

Tgt Ion: 107 Resp: 24930

Ion Ratio Lower Upper

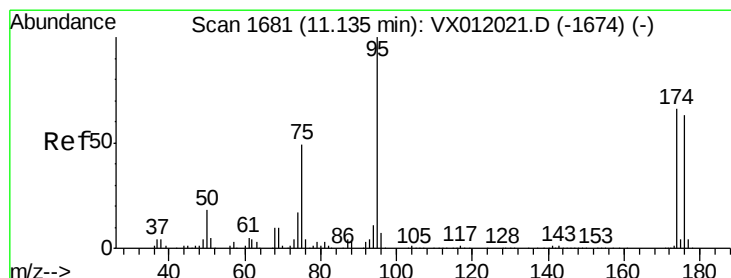
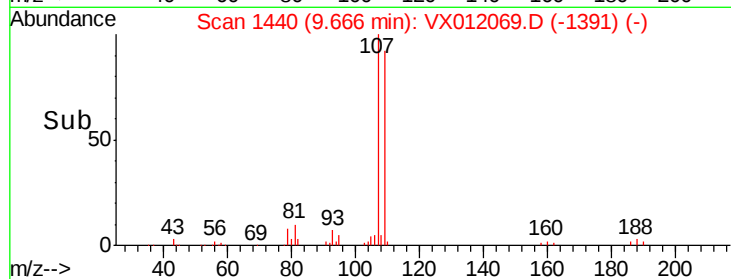
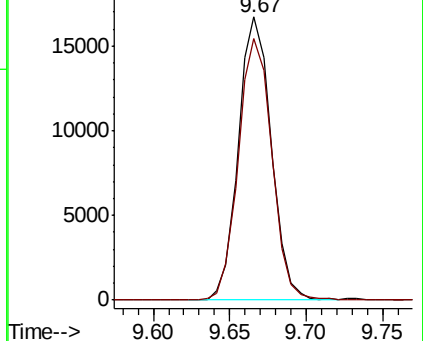
107 100

109 93.9 76.9 115.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.292 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

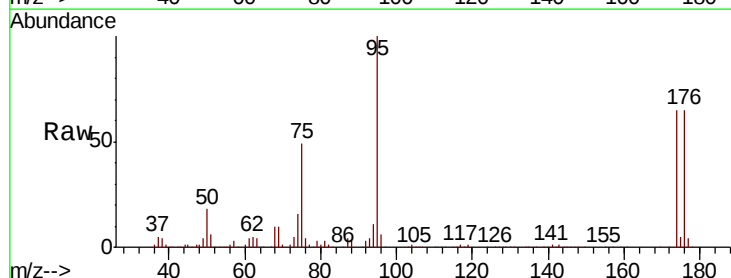
Tgt Ion: 95 Resp: 119548

Ion Ratio Lower Upper

95 100

174 62.3 0.0 205.4

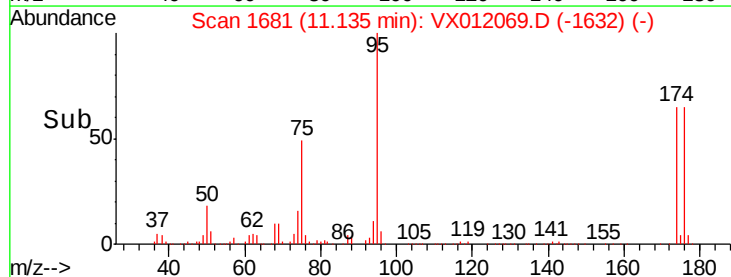
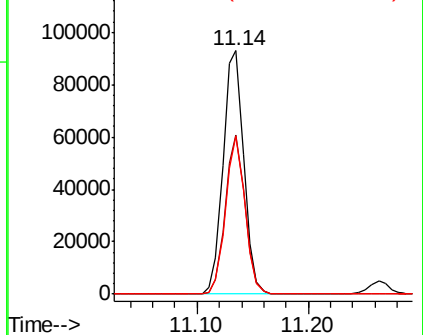
176 60.6 0.0 201.8

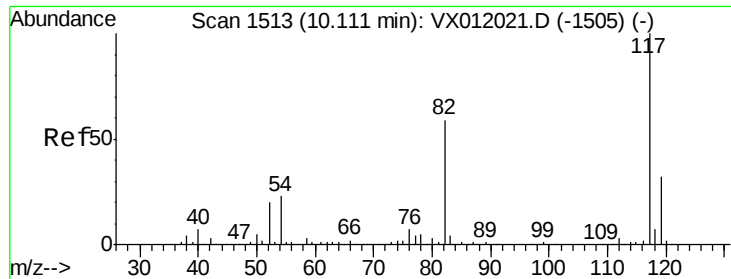


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

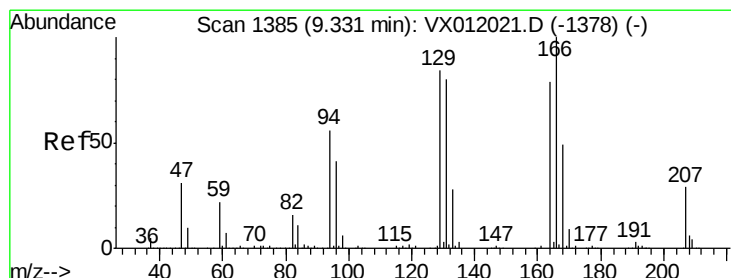
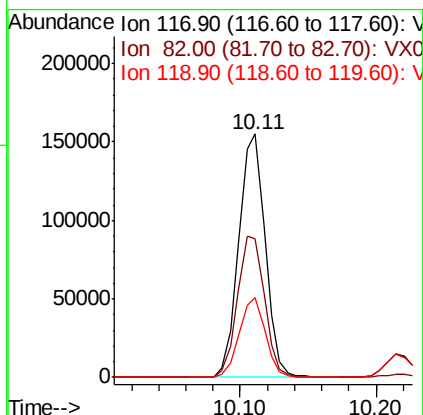
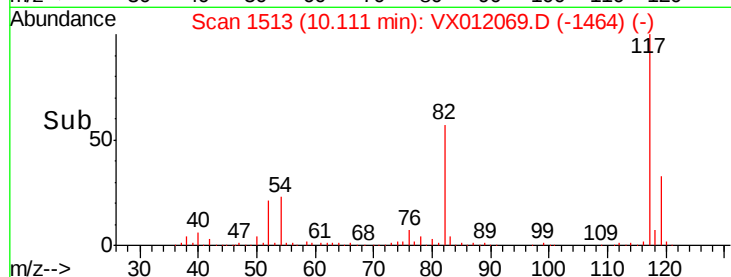
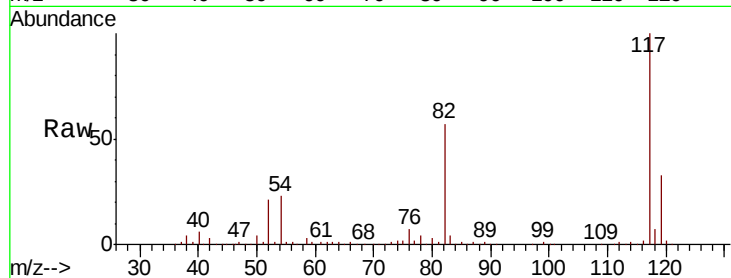




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

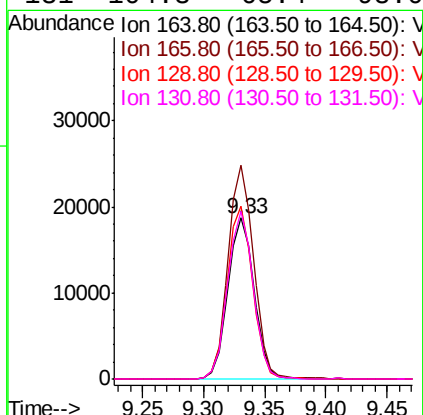
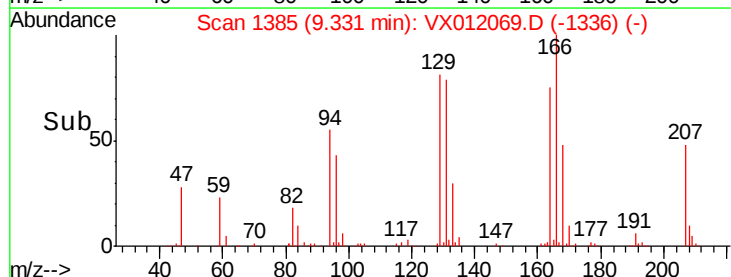
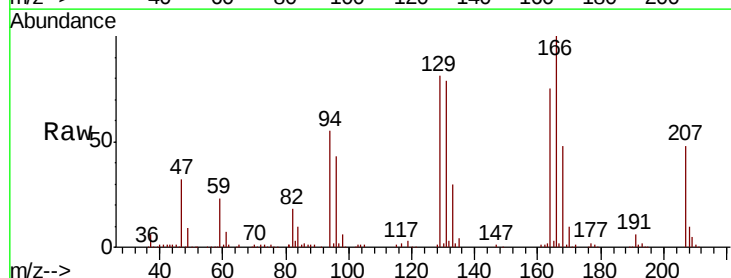
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

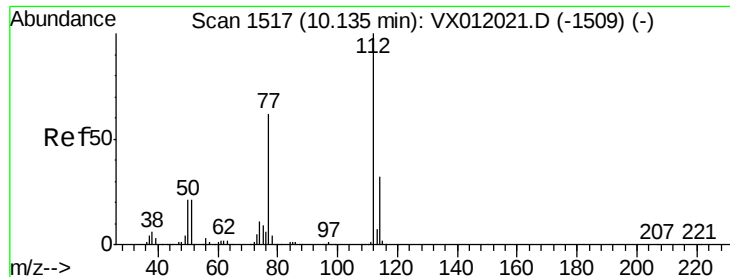
Tgt Ion:117 Resp: 209772
Ion Ratio Lower Upper
117 100
82 56.9 39.4 59.0
119 32.6 26.1 39.1



#64
Tetrachloroethene
Concen: 21.163 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion:164 Resp: 27677
Ion Ratio Lower Upper
164 100
166 132.8 104.3 156.5
129 107.7 68.3 102.5#
131 104.3 65.4 98.0#

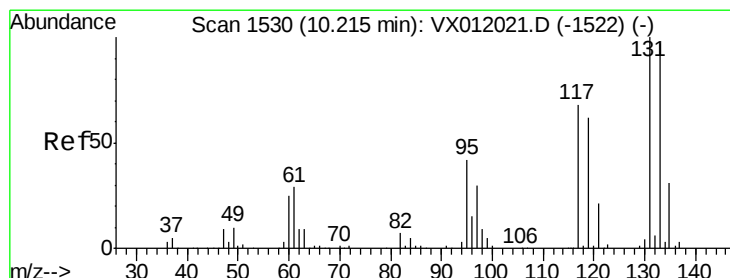
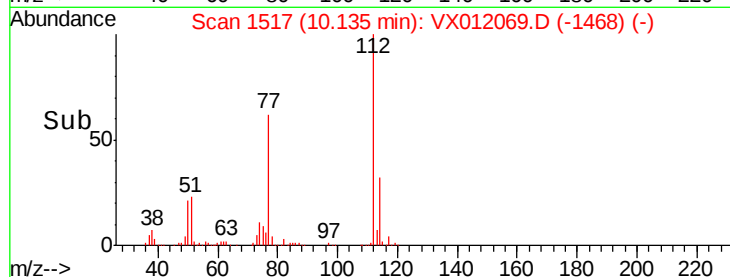
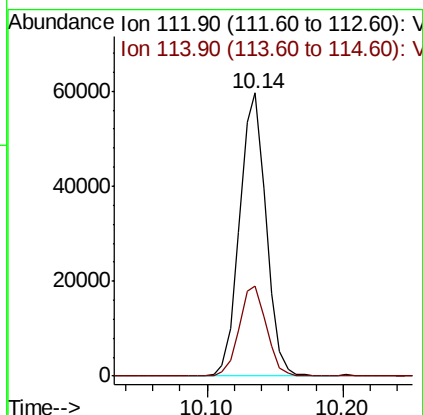
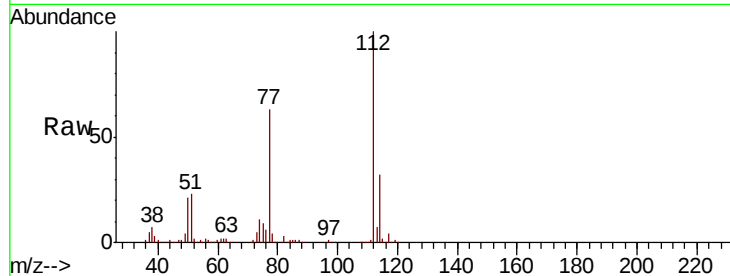




#65
Chlorobenzene
Concen: 19.516 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

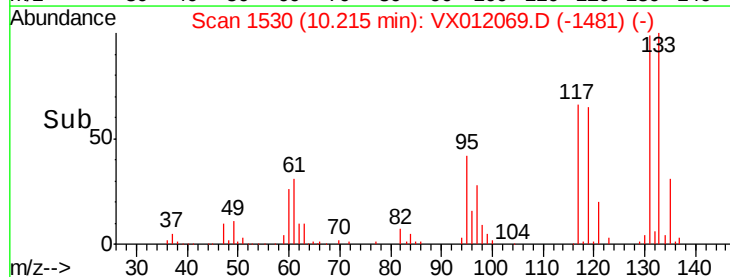
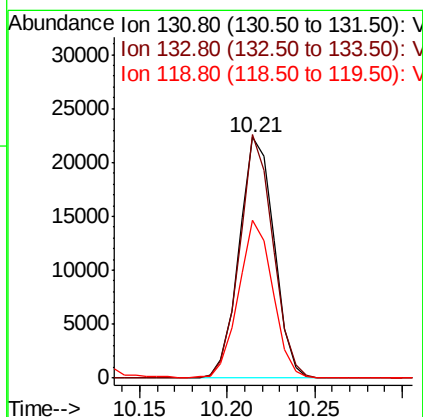
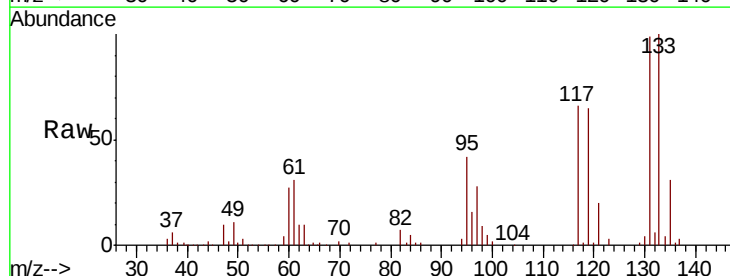
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

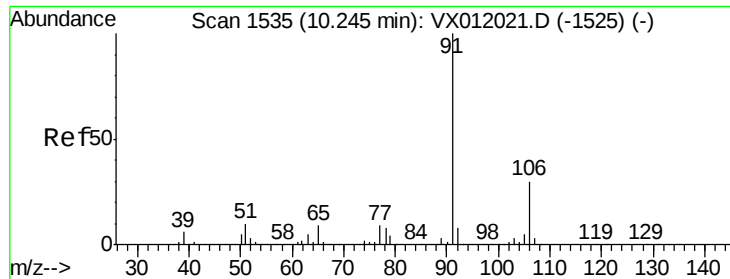
Tgt Ion:112 Resp: 80775
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.456 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion:131 Resp: 30958
Ion Ratio Lower Upper
131 100
133 96.9 48.4 145.0
119 64.4 30.5 91.5





#67

Ethyl Benzene

Concen: 19.127 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

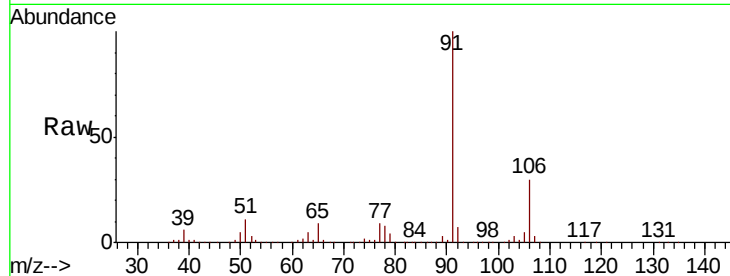
VX0904SBS02

Tgt Ion: 91 Resp: 144300

Ion Ratio Lower Upper

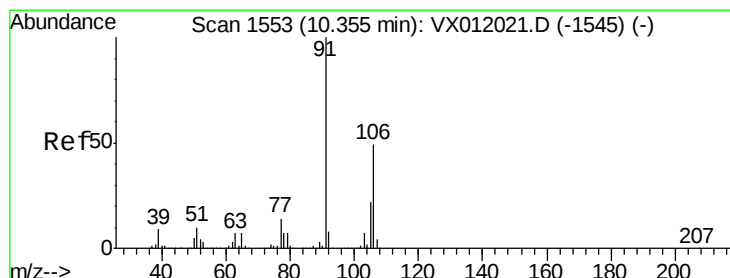
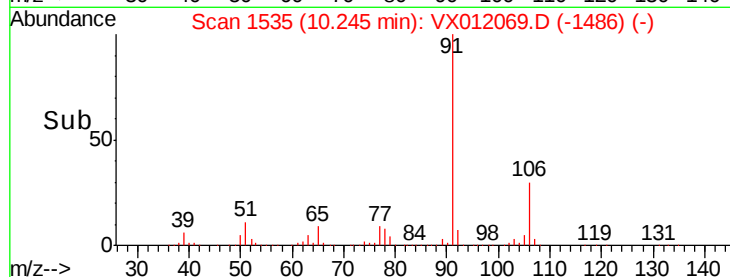
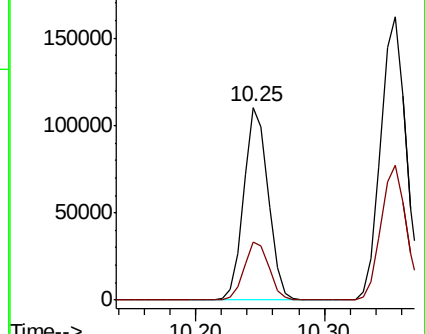
91 100

106 29.9 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.952 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012069.D

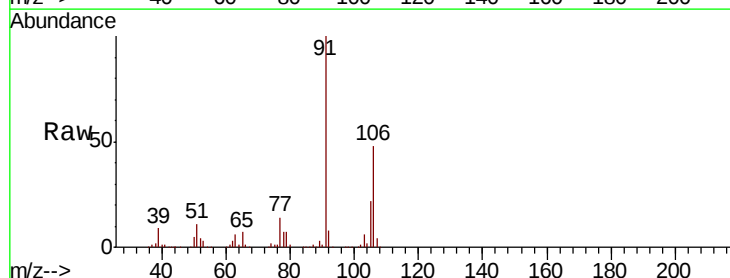
Acq: 05 Sep 2019 00:06

Tgt Ion: 106 Resp: 105496

Ion Ratio Lower Upper

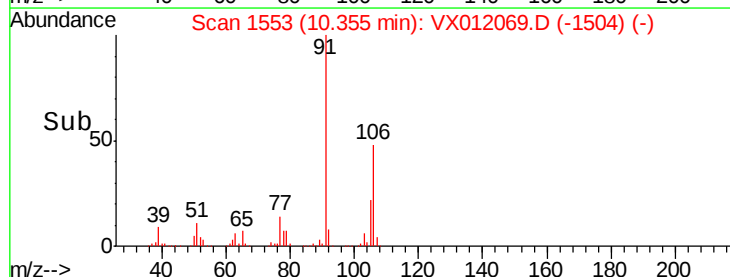
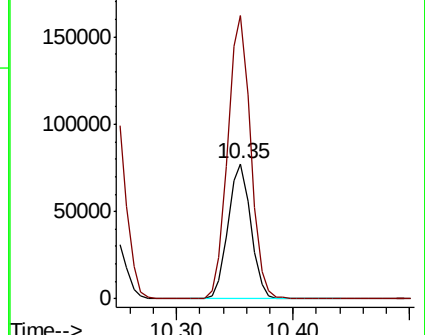
106 100

91 209.7 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

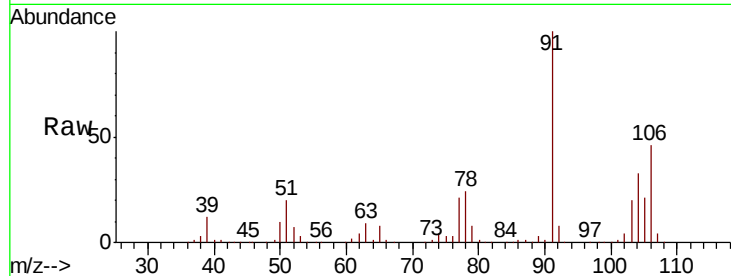




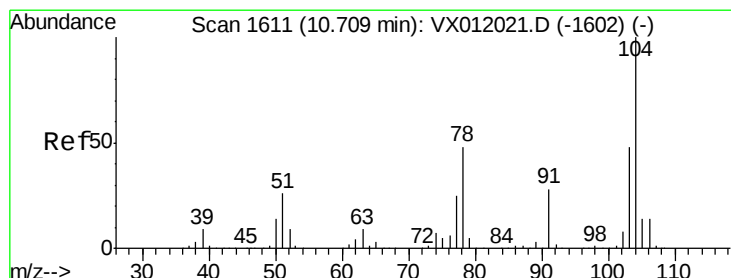
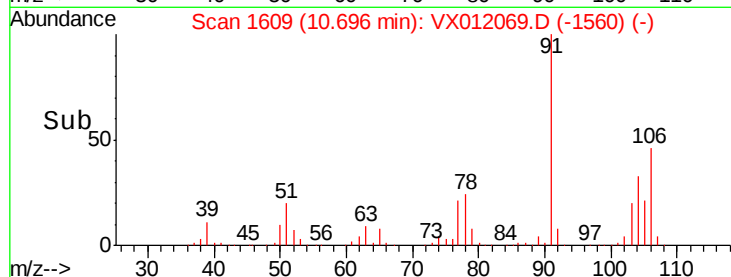
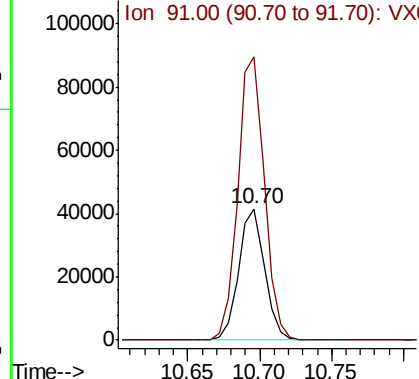
#69
o-Xylene
Concen: 19.416 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

Tgt Ion:106 Resp: 52334
Ion Ratio Lower Upper
106 100
91 221.8 103.5 310.3

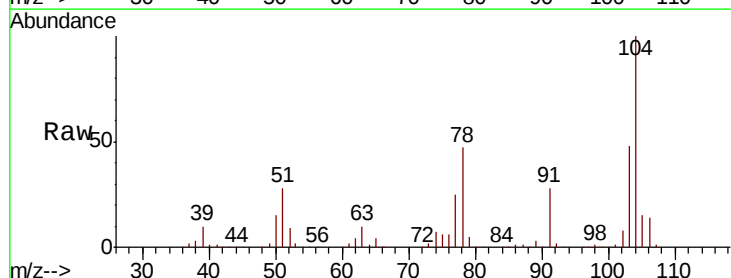


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

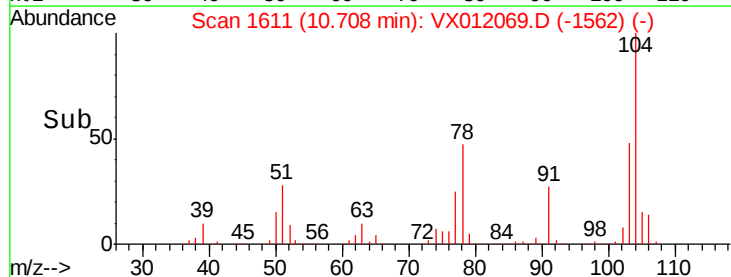
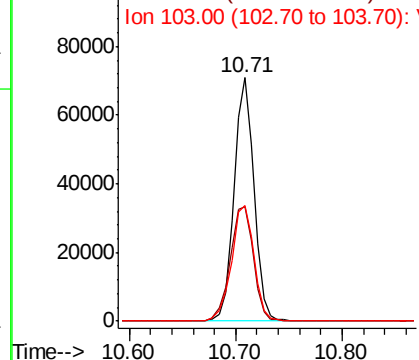


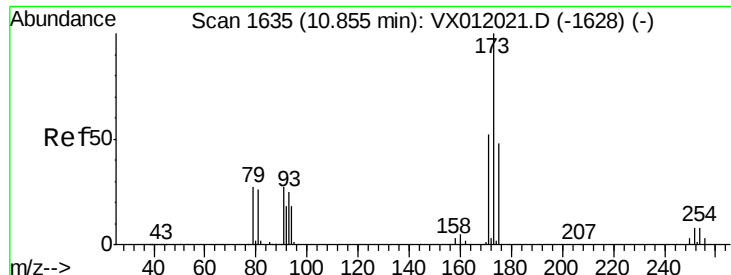
#70
Styrene
Concen: 19.875 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion:104 Resp: 93049
Ion Ratio Lower Upper
104 100
78 55.1 39.1 58.7
103 53.7 43.4 65.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.746 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS02

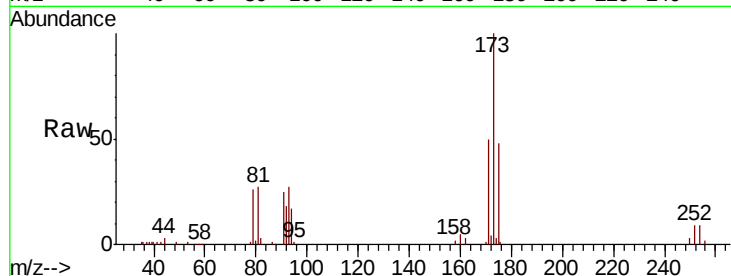
Tgt Ion:173 Resp: 17245

Ion Ratio Lower Upper

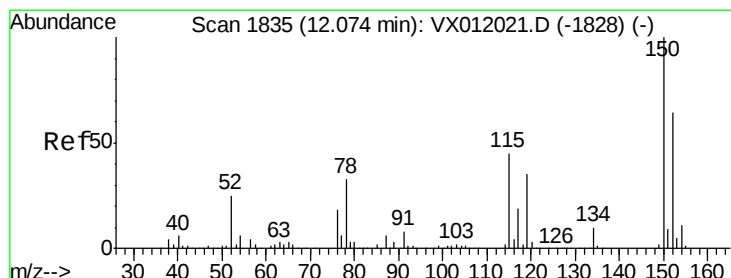
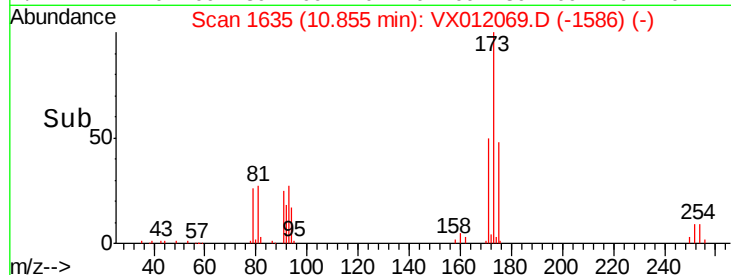
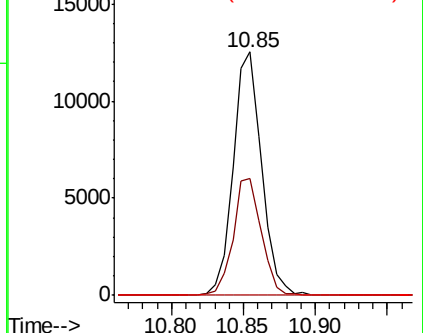
173 100

175 47.6 24.9 74.7

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

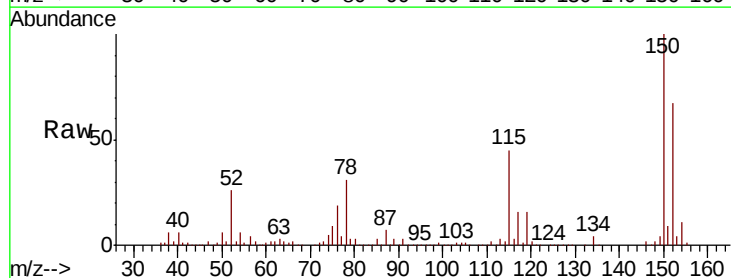
Tgt Ion:152 Resp: 101877

Ion Ratio Lower Upper

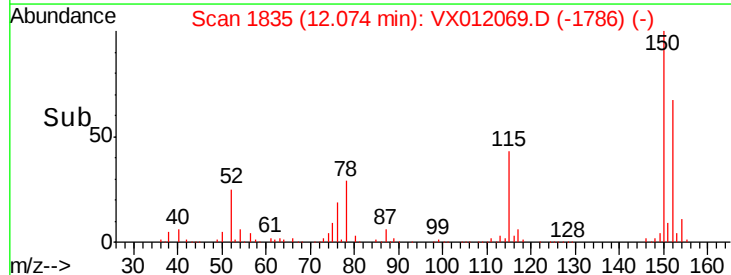
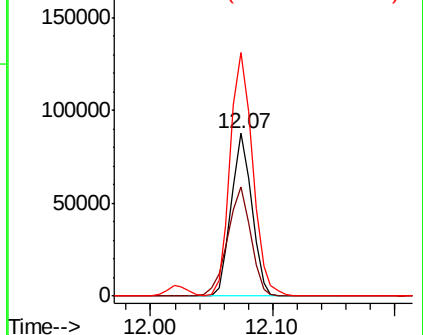
152 100

115 75.5 36.4 109.3

150 163.0 0.0 341.2



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: 18.601 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

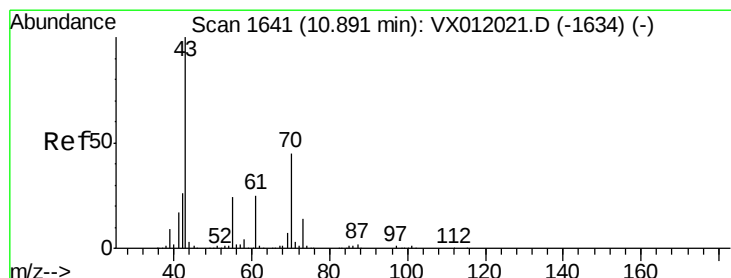
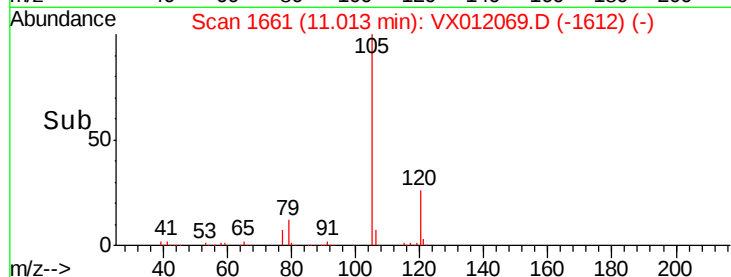
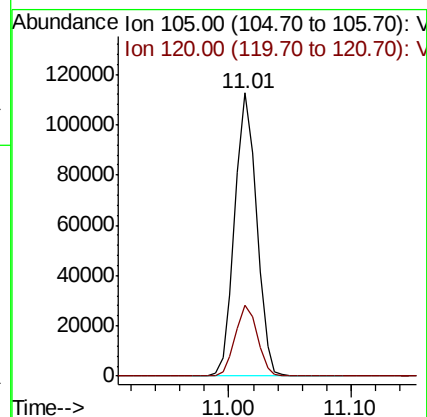
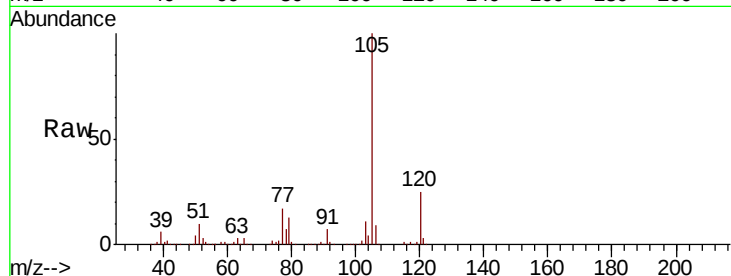
VX0904SBS02

Tgt Ion: 105 Resp: 139041

Ion Ratio Lower Upper

105 100

120 25.4 13.9 41.6



#74

N-ethyl acetate

Concen: 19.979 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Tgt Ion: 43 Resp: 44155

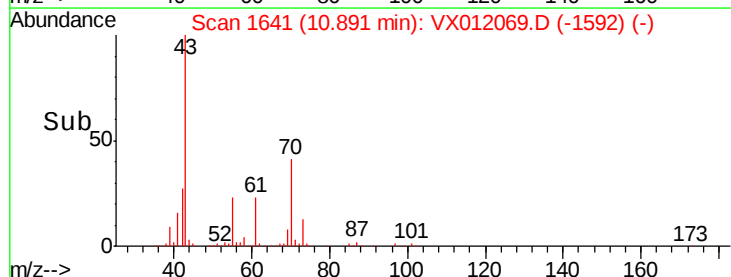
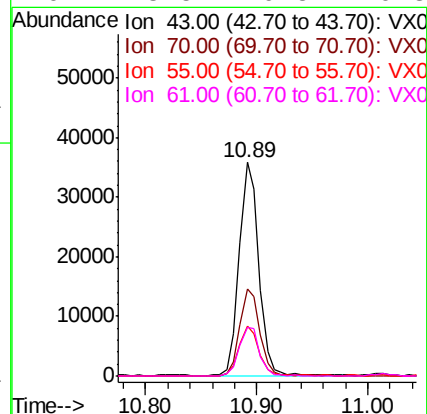
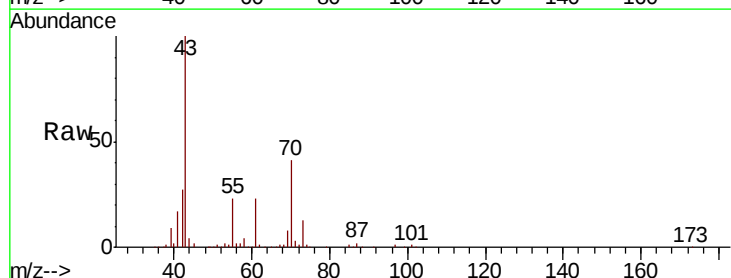
Ion Ratio Lower Upper

43 100

70 41.7 34.4 51.6

55 23.6 18.5 27.7

61 23.5 19.5 29.3

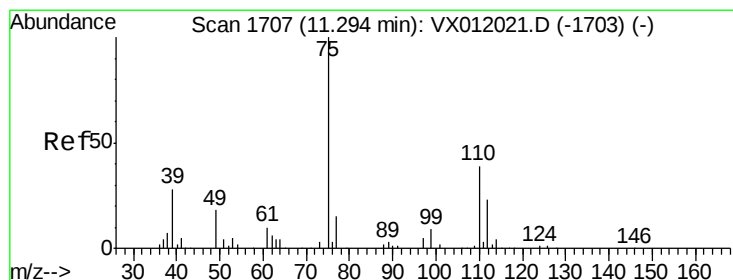
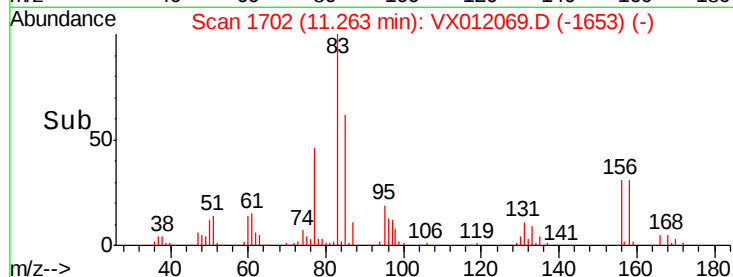
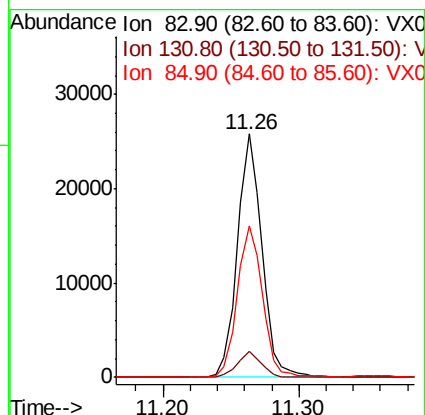
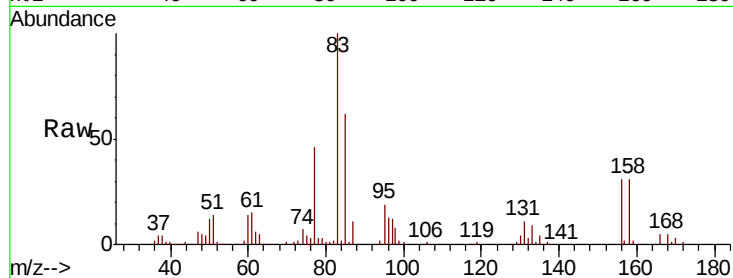




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.781 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

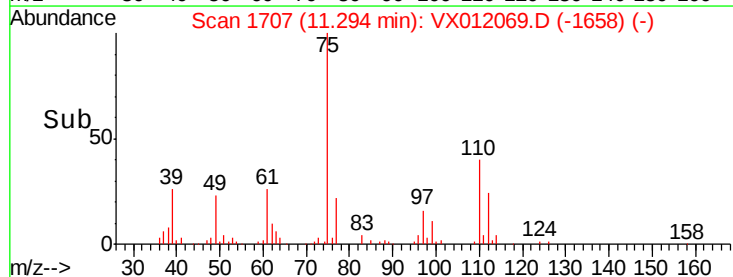
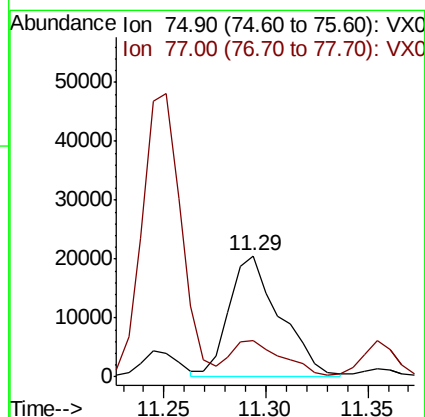
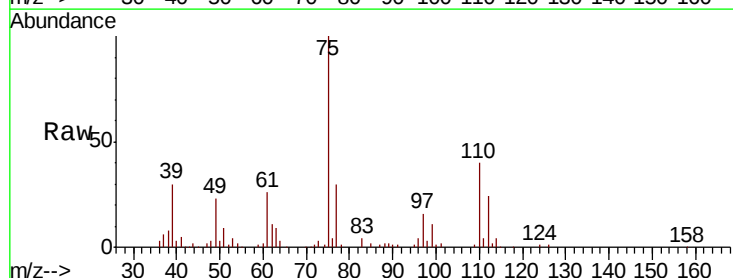
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS02

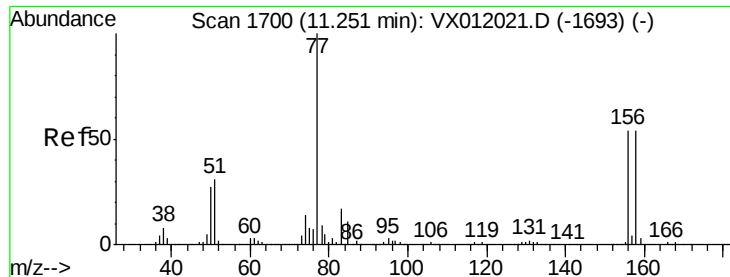
Tgt Ion: 83 Resp: 32384
 Ion Ratio Lower Upper
 83 100
 131 10.3 6.3 19.1
 85 64.0 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 28.554 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Tgt Ion: 75 Resp: 35544
 Ion Ratio Lower Upper
 75 100
 77 30.4 23.5 70.5





#77

Bromobenzene

Concen: 19.889 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS02

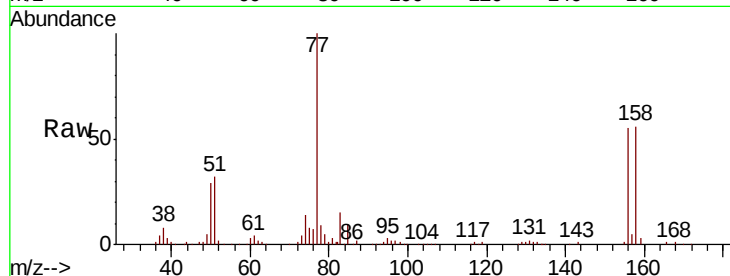
Tgt Ion:156 Resp: 33250

Ion Ratio Lower Upper

156 100

77 191.0 63.4 190.2#

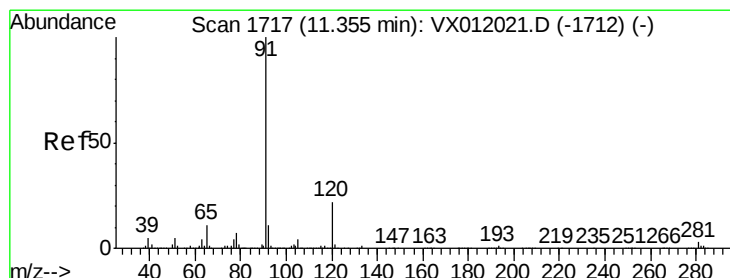
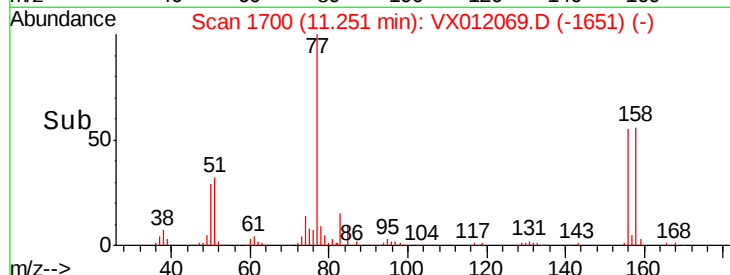
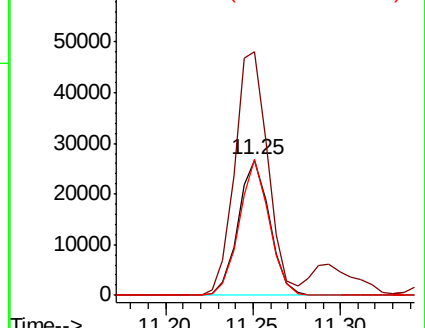
158 96.5 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.153 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012069.D

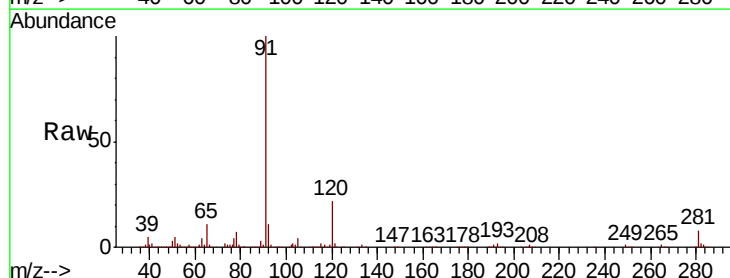
Acq: 05 Sep 2019 00:06

Tgt Ion: 91 Resp: 163933

Ion Ratio Lower Upper

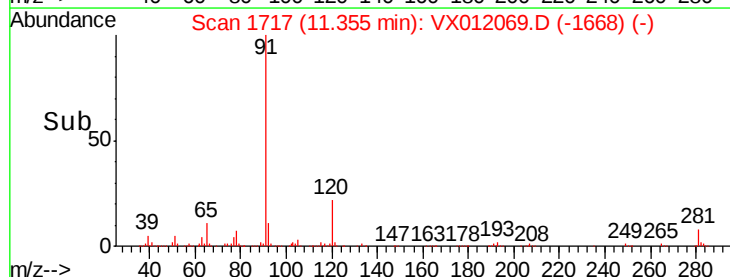
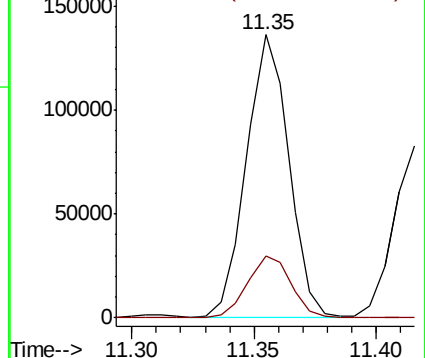
91 100

120 22.7 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.104 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

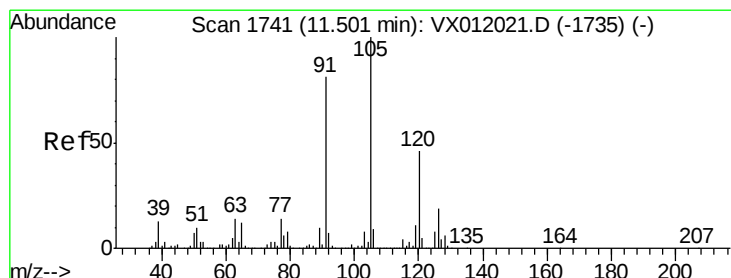
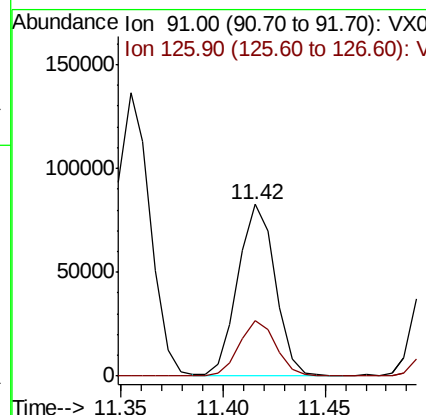
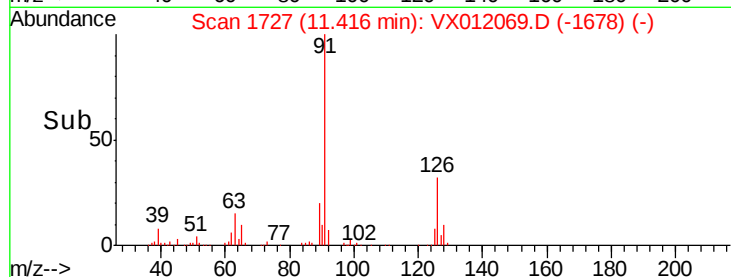
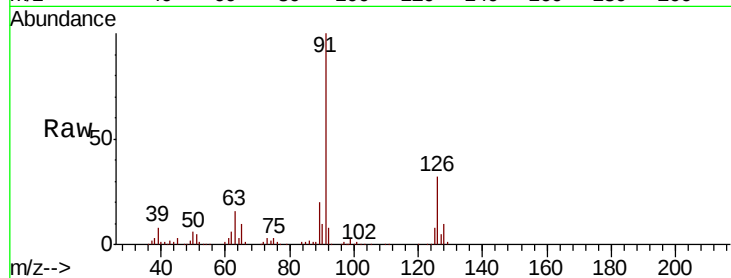
VX0904SBS02

Tgt Ion: 91 Resp: 104516

Ion Ratio Lower Upper

91 100

126 31.7 18.6 55.8



#80

1,3,5-Trimethylbenzene

Concen: 18.752 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012069.D

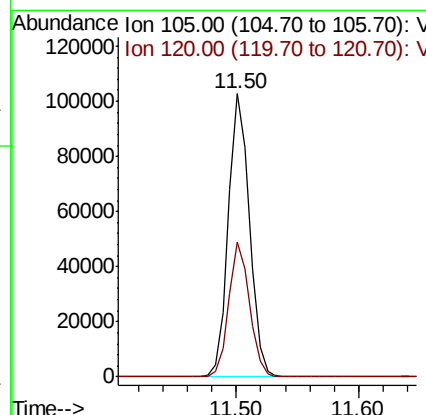
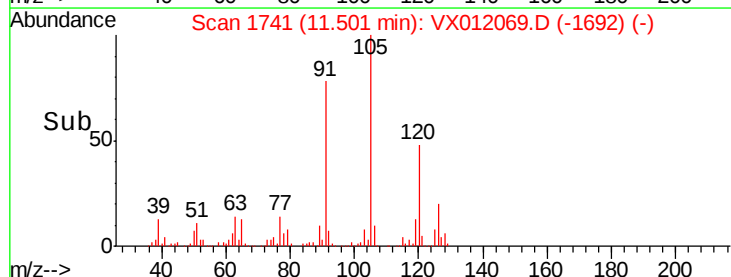
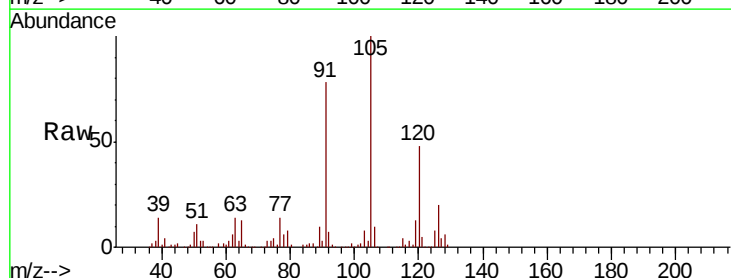
Acq: 05 Sep 2019 00:06

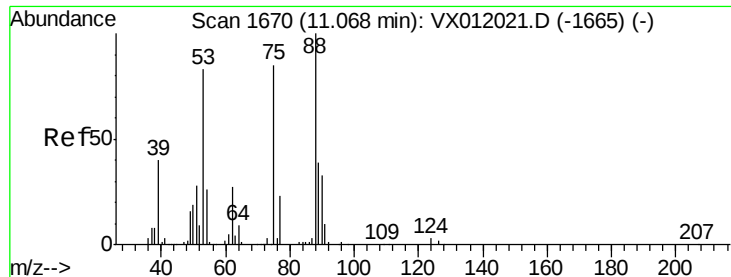
Tgt Ion: 105 Resp: 122837

Ion Ratio Lower Upper

105 100

120 46.8 25.8 77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 17.192 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS02

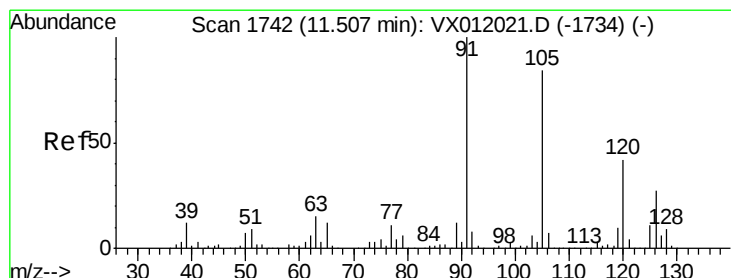
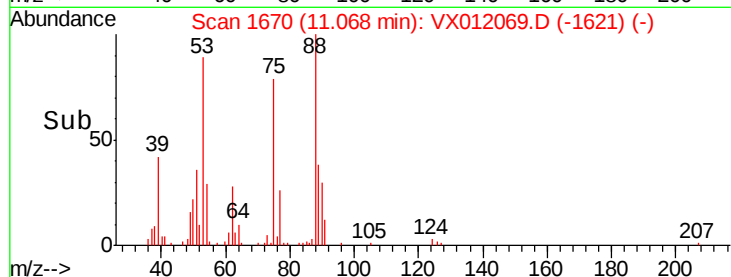
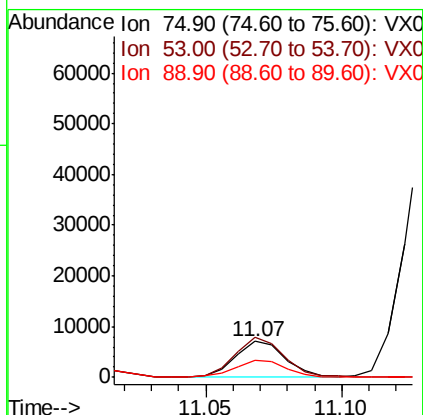
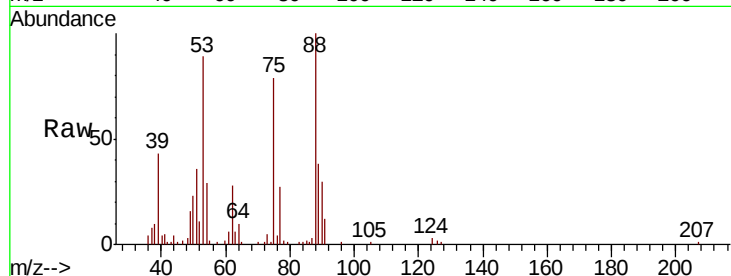
Tgt Ion: 75 Resp: 9052

Ion Ratio Lower Upper

75 100

53 111.7 78.6 117.8

89 48.5 38.8 58.2



#82

4-Chlorotoluene

Concen: 18.965 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012069.D

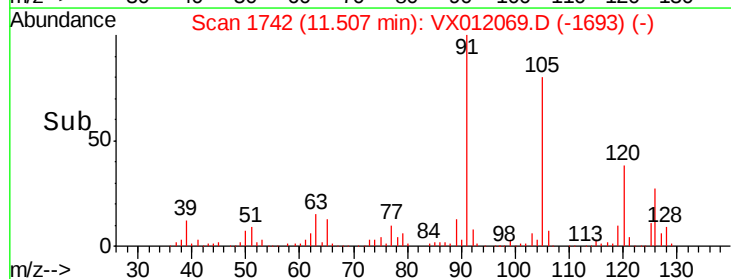
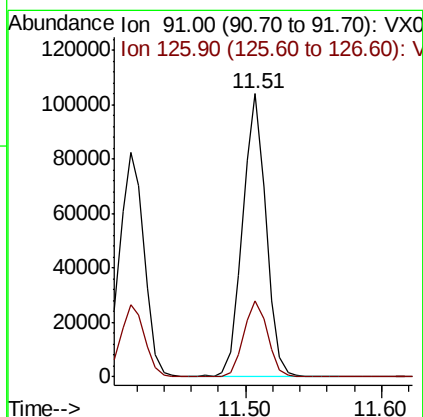
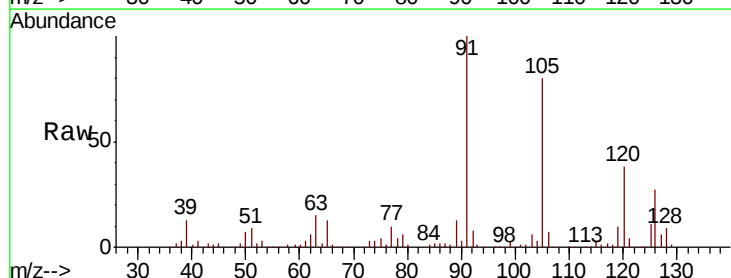
Acq: 05 Sep 2019 00:06

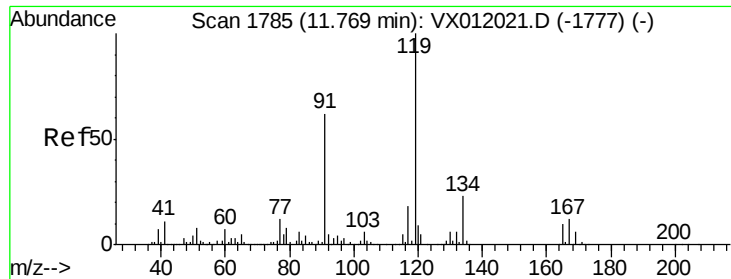
Tgt Ion: 91 Resp: 123665

Ion Ratio Lower Upper

91 100

126 27.8 16.2 48.6

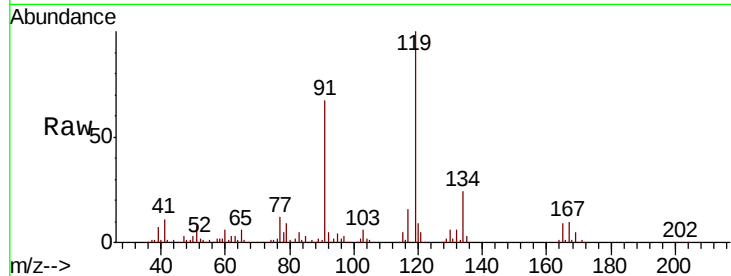




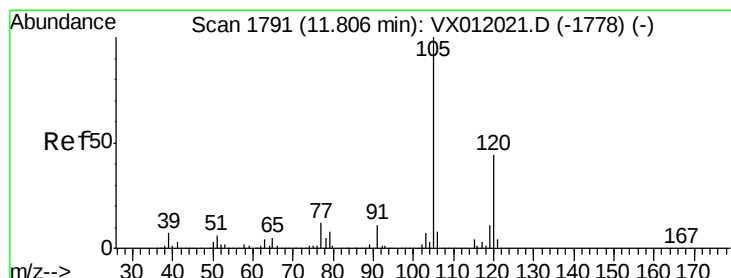
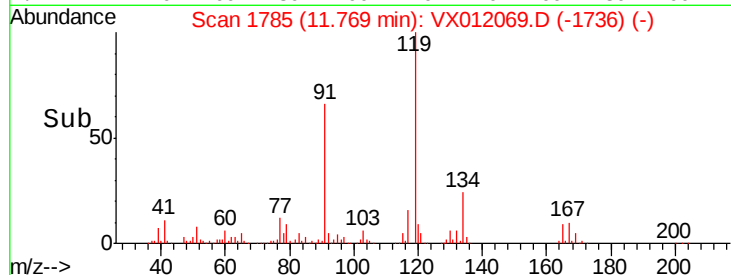
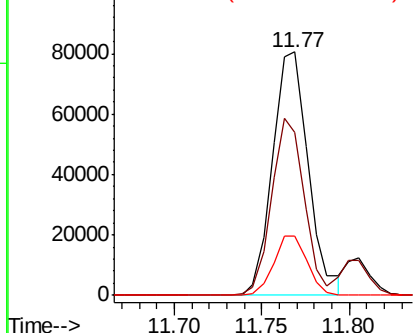
#83
 tert-Butylbenzene
 Concen: 18.492 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS02

Tgt Ion:119 Resp: 115456
 Ion Ratio Lower Upper
 119 100
 91 66.6 27.1 81.2
 134 22.8 12.1 36.3

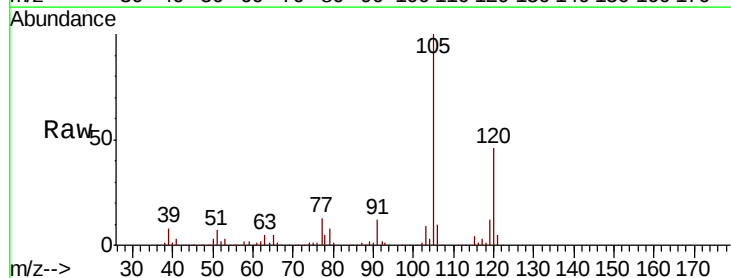


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

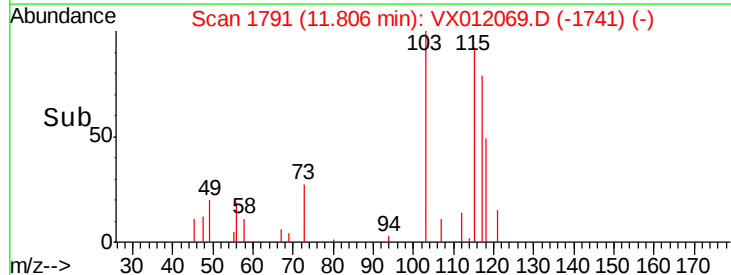
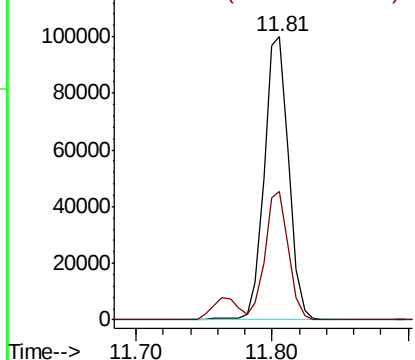


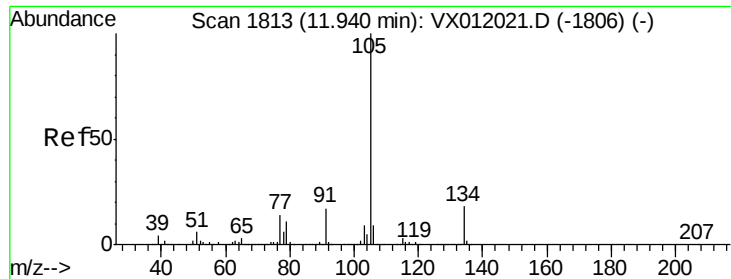
#84
 1,2,4-Trimethylbenzene
 Concen: 18.757 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Tgt Ion:105 Resp: 126281
 Ion Ratio Lower Upper
 105 100
 120 43.6 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 17.990 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampleId :

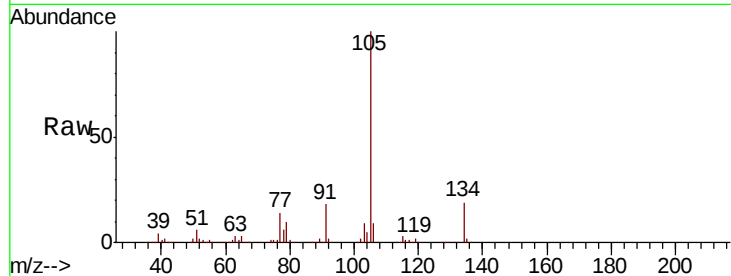
VX0904SBS02

Tgt Ion:105 Resp: 139510

Ion Ratio Lower Upper

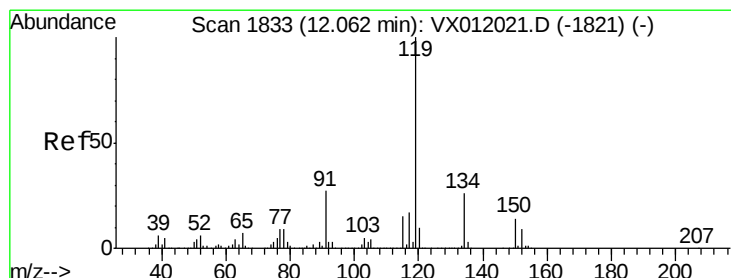
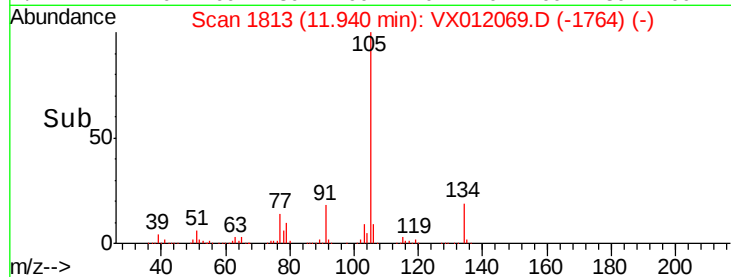
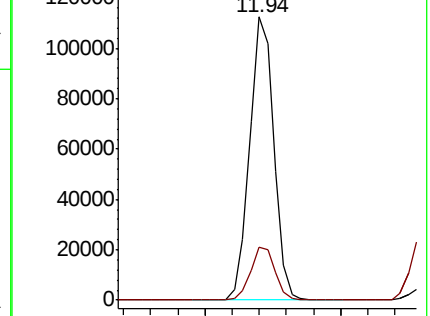
105 100

134 18.9 11.2 33.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.959 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

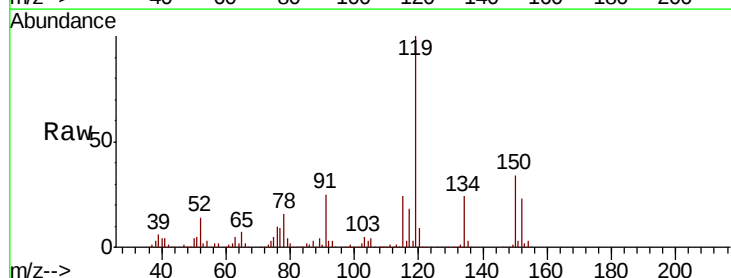
Tgt Ion:119 Resp: 126655

Ion Ratio Lower Upper

119 100

134 25.1 13.7 41.1

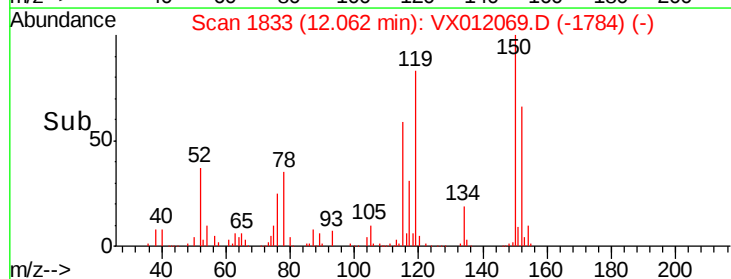
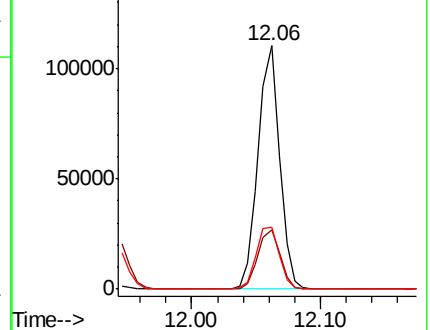
91 27.5 11.4 34.1

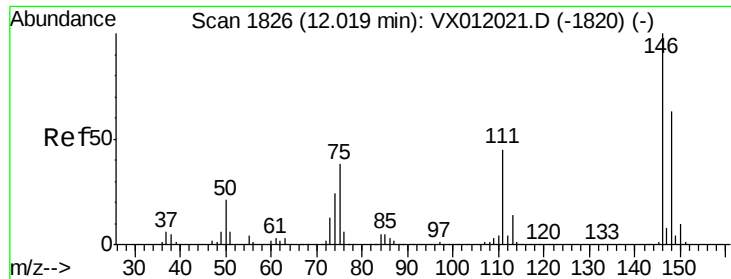


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

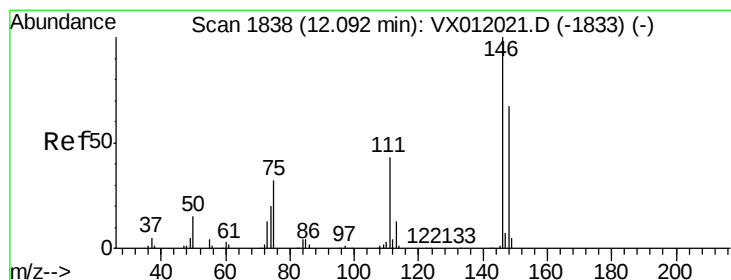
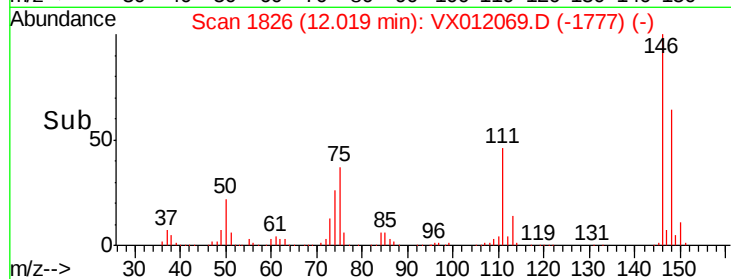
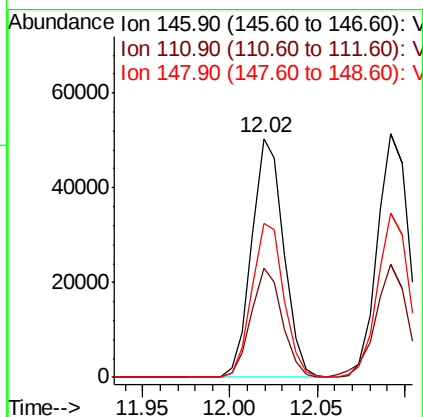
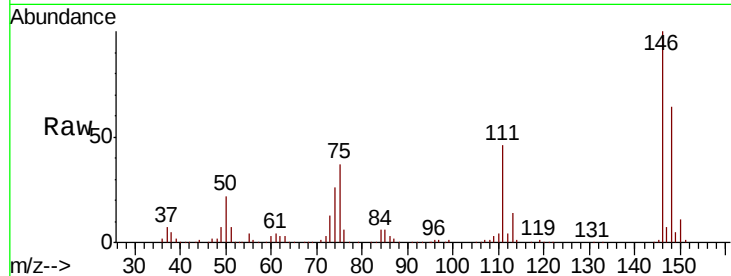




#87
 1,3-Dichlorobenzene
 Concen: 19.095 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

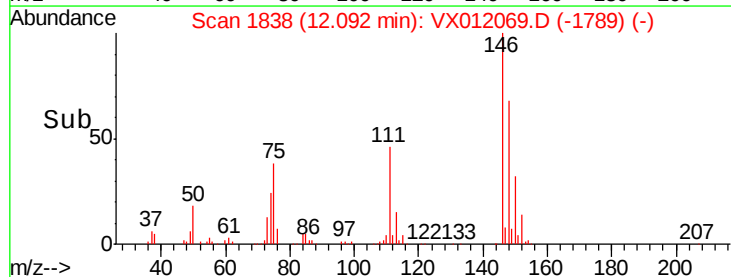
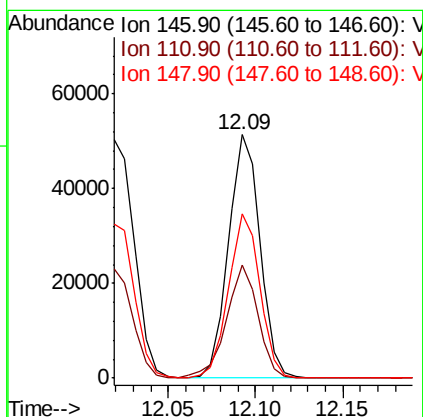
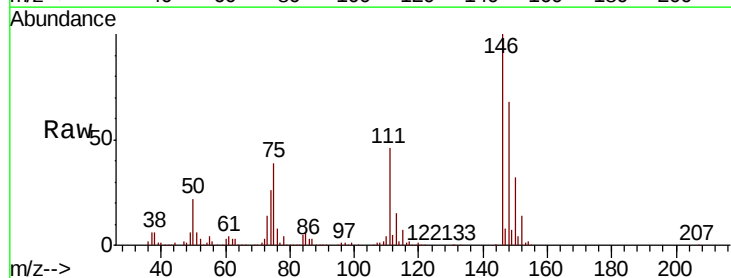
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS02

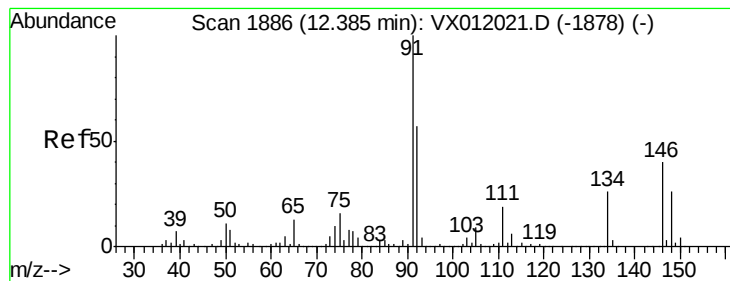
Tgt Ion:146 Resp: 63966
 Ion Ratio Lower Upper
 146 100
 111 44.9 18.1 54.1
 148 64.8 32.6 97.8



#88
 1,4-Dichlorobenzene
 Concen: 19.220 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Tgt Ion:146 Resp: 64377
 Ion Ratio Lower Upper
 146 100
 111 46.2 17.7 53.1
 148 67.3 32.4 97.0





#89

n-Butylbenzene

Concen: 17.689 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012069.D

Acq: 05 Sep 2019 00:06

Instrument :

MSVOA_X

ClientSampled :

VX0904SBS02

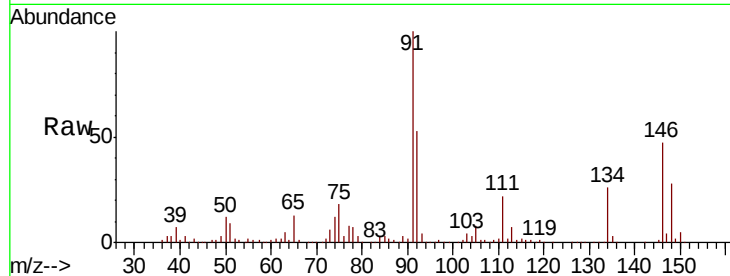
Tgt Ion: 91 Resp: 121188

Ion Ratio Lower Upper

91 100

92 53.6 27.6 82.8

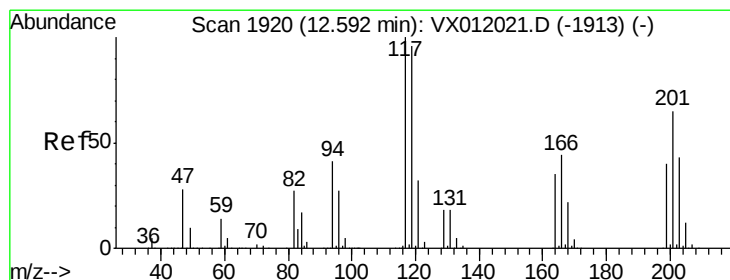
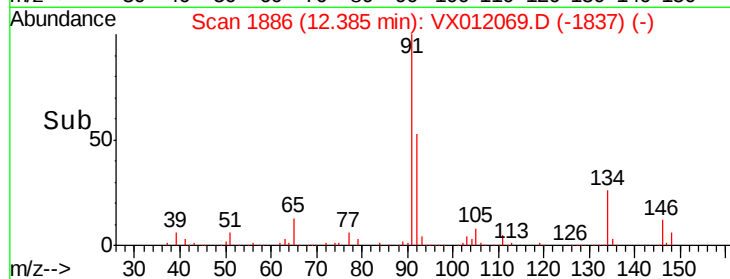
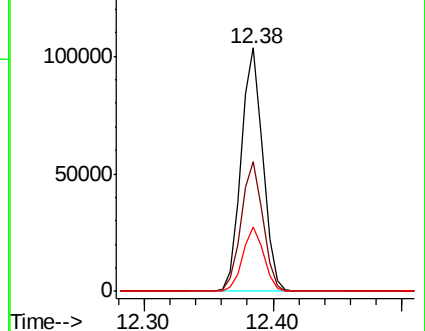
134 25.5 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 17.814 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012069.D

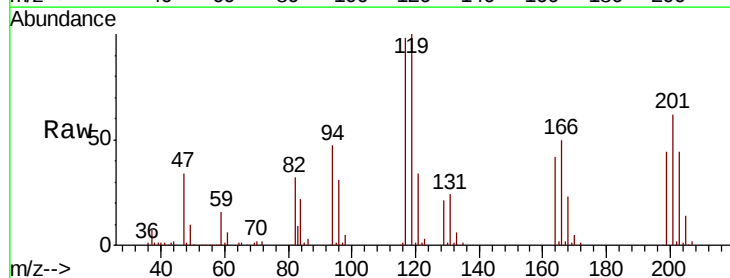
Acq: 05 Sep 2019 00:06

Tgt Ion: 117 Resp: 25085

Ion Ratio Lower Upper

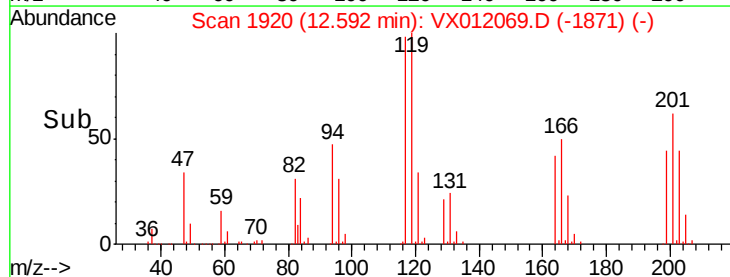
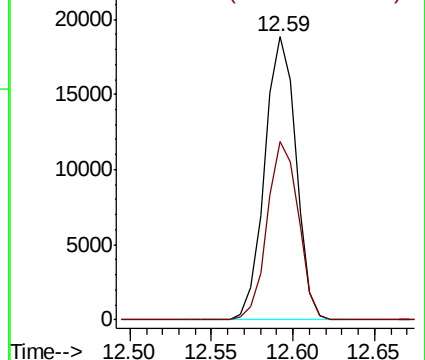
117 100

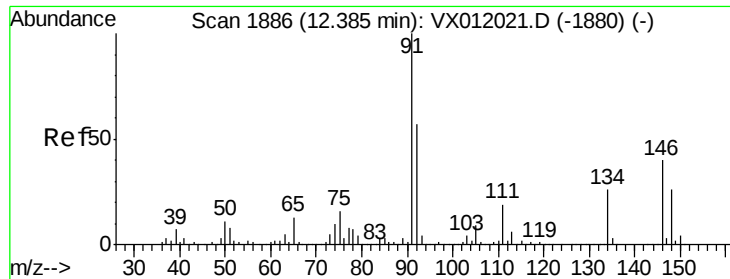
201 62.9 55.0 165.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

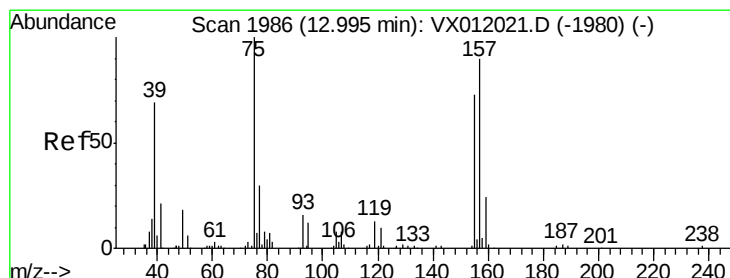
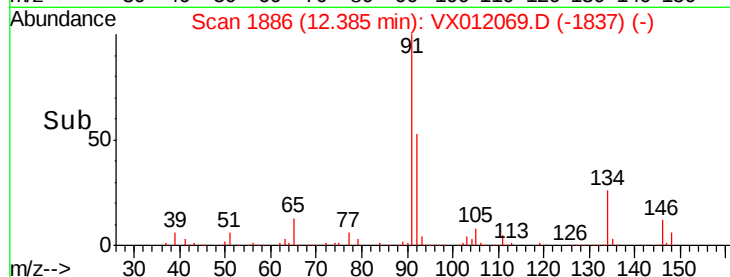
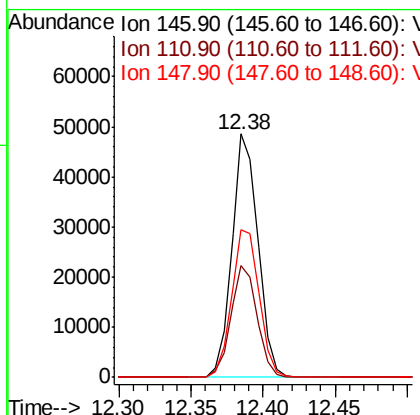
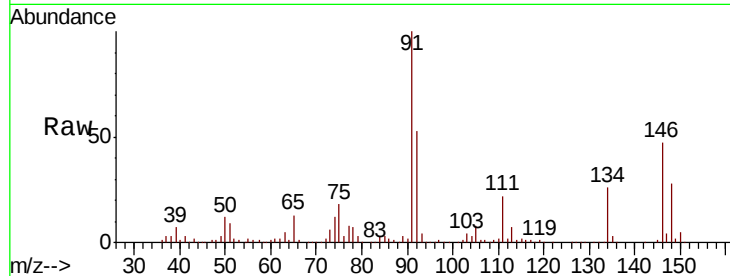




#91
 1,2-Dichlorobenzene
 Concen: 20.448 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

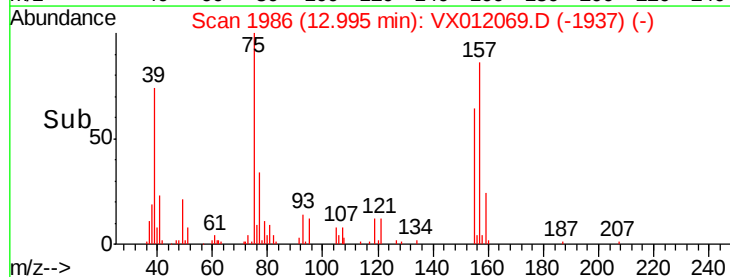
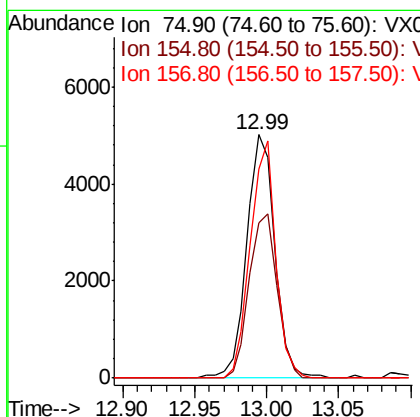
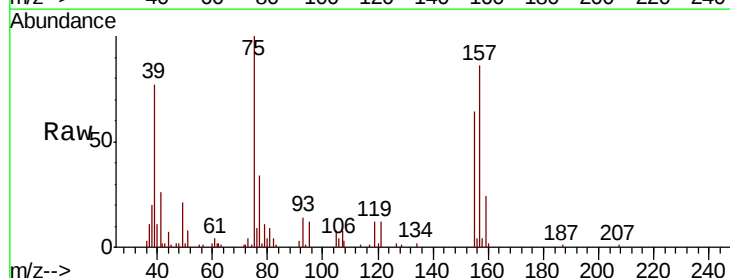
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS02

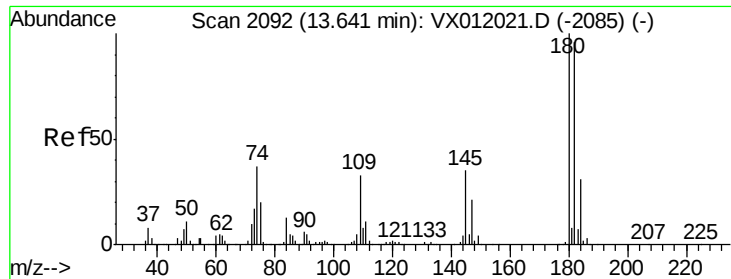
Tgt Ion: 146 Resp: 61690
 Ion Ratio Lower Upper
 146 100
 111 46.1 18.6 56.0
 148 63.9 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.700 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Tgt Ion: 75 Resp: 6750
 Ion Ratio Lower Upper
 75 100
 155 66.8 51.7 155.2
 157 87.4 66.9 200.7

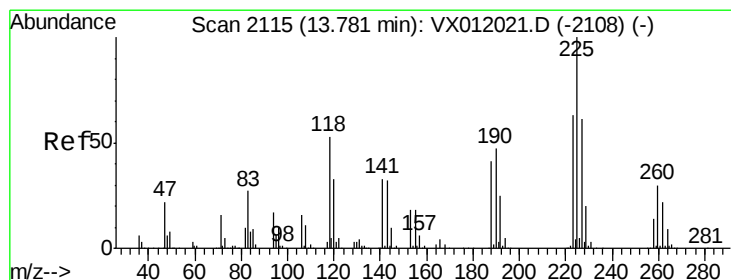
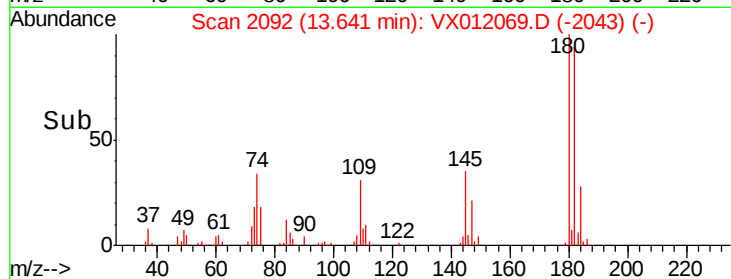
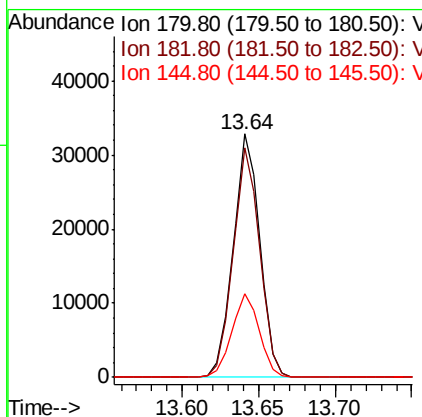
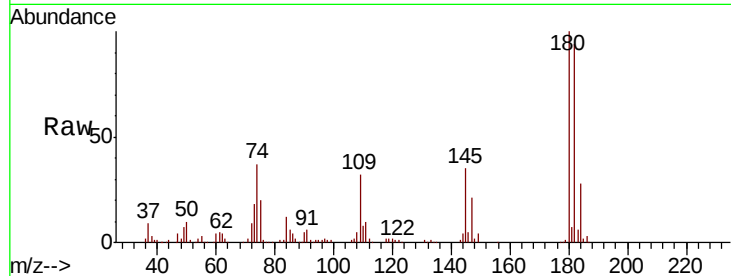




#93
 1,2,4-Trichlorobenzene
 Concen: 18.379 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

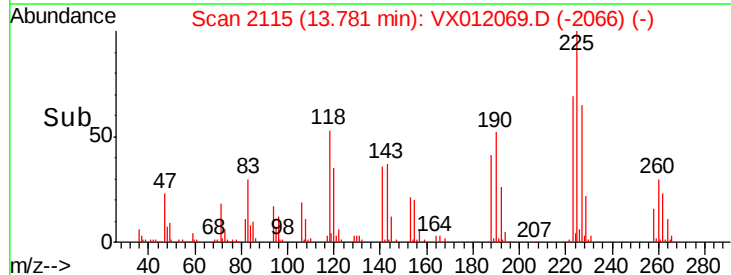
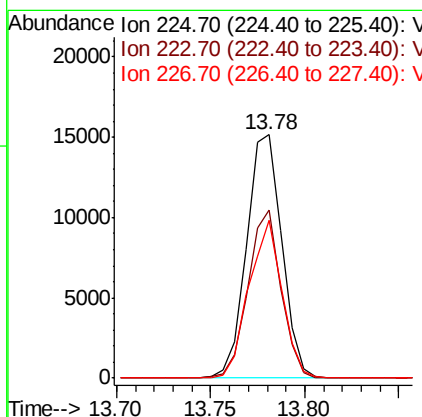
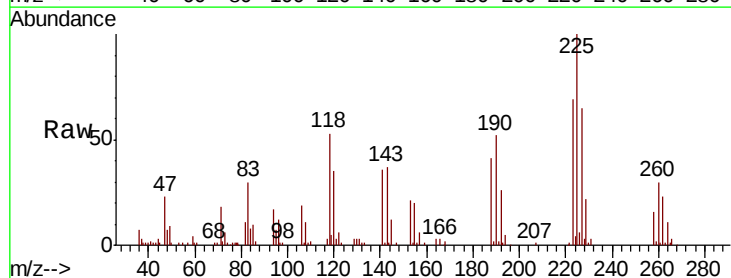
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS02

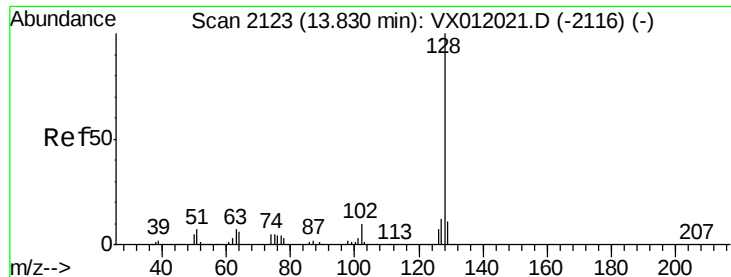
Tgt Ion:180 Resp: 39467
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.3 142.0
 145 35.4 13.7 41.0



#94
 Hexachlorobutadiene
 Concen: 18.097 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012069.D
 Acq: 05 Sep 2019 00:06

Tgt Ion:225 Resp: 19589
 Ion Ratio Lower Upper
 225 100
 223 65.1 31.6 95.0
 227 61.1 32.5 97.5

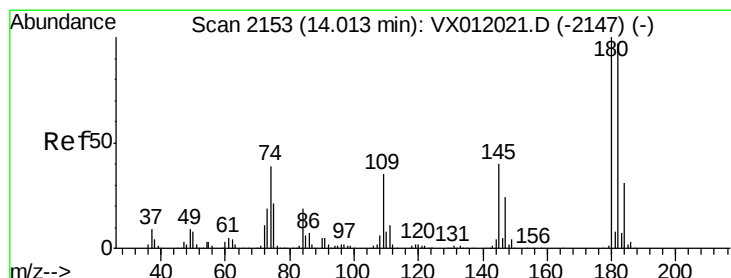
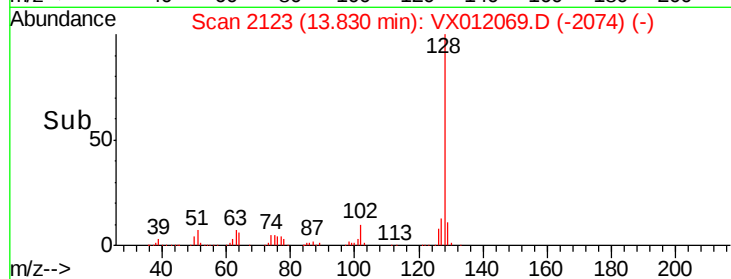
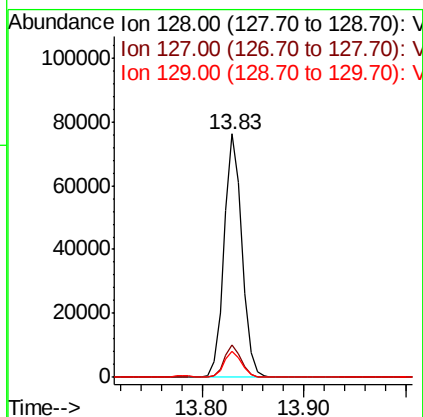
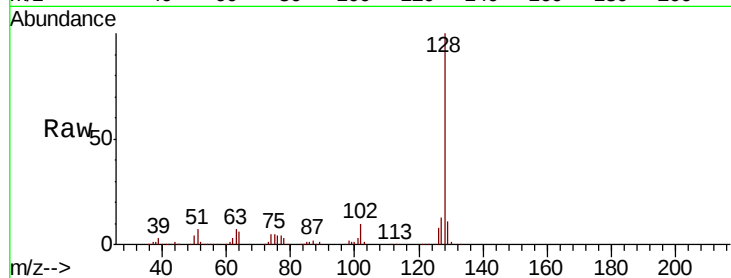




#95
Naphthalene
Concen: 19.864 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS02

Tgt Ion:128 Resp: 92320
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.165 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX012069.D
Acq: 05 Sep 2019 00:06

Tgt Ion:180 Resp: 36206
Ion Ratio Lower Upper
180 100
182 94.4 47.9 143.6
145 37.0 14.1 42.4

