

Data File : VX012172.D
Acq On : 07 Sep 2019 13:15
Operator : SY/SP
Sample : VX0907SBSD01
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD01

Quant Time: Sep 08 07:40:37 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	5.64	168	139676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	245492	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	112280	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	101287	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
35) Dibromofluoromethane	5.48	113	81879	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
50) Toluene-d8	8.71	98	310403	56.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.06%	
62) 4-Bromofluorobenzene	11.14	95	133618	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	27202	21.119	ug/l	94
3) Chloromethane	1.31	50	23675	17.947	ug/l	99
4) Vinyl Chloride	1.39	62	23599	19.015	ug/l	98
5) Bromomethane	1.62	94	10478	17.019	ug/l	92
6) Chloroethane	1.70	64	14476	18.763	ug/l	99
7) Trichlorofluoromethane	1.91	101	40687	21.107	ug/l	96
8) Diethyl Ether	2.17	74	12695	19.058	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.37	101	28952	20.278	ug/l #	83
10) Methyl Iodide	2.50	142	19240	18.438	ug/l	92
11) Tert butyl alcohol	3.03	59	16346	88.303	ug/l	95
12) 1,1-Dichloroethene	2.36	96	25641	18.643	ug/l	92
13) Acrolein	2.28	56	5276	90.938	ug/l	89
14) Allyl chloride	2.72	41	46776	18.795	ug/l	95
15) Acrylonitrile	3.12	53	38333	91.577	ug/l	98
16) Acetone	2.43	43	43815	95.115	ug/l	100
17) Carbon Disulfide	2.55	76	56605	14.082	ug/l	99
18) Methyl Acetate	2.76	43	19714	18.167	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	85757	19.152	ug/l	99
20) Methylene Chloride	2.84	84	32373	17.501	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	29135	18.052	ug/l	86
22) Diisopropyl ether	3.84	45	101464	20.002	ug/l	94
23) Vinyl Acetate	3.80	43	306070	93.274	ug/l	98
24) 1,1-Dichloroethane	3.68	63	57244	19.458	ug/l	98
25) 2-Butanone	4.66	43	54904	93.632	ug/l	95
26) 2,2-Dichloropropane	4.56	77	57192	21.056	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	35166	18.588	ug/l	90
28) Bromochloromethane	5.00	49	24133	20.550	ug/l #	78
29) Tetrahydrofuran	5.12	42	32881	93.070	ug/l	99
30) Chloroform	5.20	83	63337	20.064	ug/l	94
31) Cyclohexane	5.56	56	44024	18.632	ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	57394	20.875	ug/l	97
36) 1,1-Dichloropropene	5.78	75	42227	19.530	ug/l	95
37) Ethyl Acetate	4.81	43	22115	18.809	ug/l	98
38) Carbon Tetrachloride	5.77	117	47342	20.779	ug/l	95

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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	46740	18.626	ug/l	92
40) Benzene	6.13	78	120777	19.458	ug/l	99
41) Methacrylonitrile	5.03	41	14160	20.195	ug/l	96
42) 1,2-Dichloroethane	6.18	62	45641	20.433	ug/l	97
43) Isopropyl Acetate	6.44	43	46220	19.333	ug/l	99
44) Trichloroethene	7.20	130	32876	19.637	ug/l	84
45) 1,2-Dichloropropane	7.51	63	31575	19.689	ug/l	95
46) Dibromomethane	7.65	93	18195	19.435	ug/l #	72
47) Bromodichloromethane	7.89	83	47724	20.055	ug/l #	99
48) Methyl methacrylate	7.76	41	22737	18.915	ug/l	94
49) 1,4-Dioxane	7.73	88	5802	354.064	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	118337	97.315	ug/l	98
52) Toluene	8.78	92	79633	19.718	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	47372	19.228	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	53421	19.499	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	26957	20.141	ug/l	95
56) Ethyl methacrylate	9.17	69	34988	18.250	ug/l	91
57) 1,3-Dichloropropane	9.37	76	45679	19.778	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	84211	97.431	ug/l	93
59) 2-Hexanone	9.48	43	88239	99.447	ug/l	96
60) Dibromochloromethane	9.57	129	30674	19.230	ug/l	96
61) 1,2-Dibromoethane	9.67	107	25011	19.339	ug/l	97
64) Tetrachloroethene	9.33	164	27581	19.707	ug/l #	88
65) Chlorobenzene	10.14	112	88348	19.947	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	32625	20.145	ug/l	97
67) Ethyl Benzene	10.25	91	164524	20.378	ug/l	96
68) m/p-Xylenes	10.36	106	119552	40.190	ug/l	91
69) o-Xylene	10.70	106	57454	19.918	ug/l	88
70) Styrene	10.71	104	102814	20.521	ug/l	95
71) Bromoform	10.86	173	16411	18.449	ug/l #	98
73) Isopropylbenzene	11.01	105	164770	20.001	ug/l	95
74) N-amyl acetate	10.89	43	44436	18.243	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	31755	18.490	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	36330	26.482	ug/l	76
77) Bromobenzene	11.25	156	35632	19.339	ug/l	68
78) n-propylbenzene	11.35	91	200502	20.146	ug/l	94
79) 2-Chlorotoluene	11.42	91	119738	19.858	ug/l	90
80) 1,3,5-Trimethylbenzene	11.50	105	146084	20.235	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.07	75	9535	16.432	ug/l	92
82) 4-Chlorotoluene	11.51	91	144984	20.174	ug/l	91
83) tert-Butylbenzene	11.76	119	141380	20.546	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	146217	19.706	ug/l	95
85) sec-Butylbenzene	11.94	105	172225	20.151	ug/l	94
86) p-Isopropyltoluene	12.06	119	156014	20.072	ug/l	93
87) 1,3-Dichlorobenzene	12.02	146	72375	19.603	ug/l	95
88) 1,4-Dichlorobenzene	12.09	146	72638	19.677	ug/l	93
89) n-Butylbenzene	12.39	91	149298	19.773	ug/l	96
90) Hexachloroethane	12.59	117	29085	18.741	ug/l	56
91) 1,2-Dichlorobenzene	12.39	146	67655	20.347	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6344	17.652	ug/l	63

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090719\
Quantitation Report (Not Reviewed)

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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	45315	19.147	ug/l	96
94) Hexachlorobutadiene	13.78	225	23527	19.721	ug/l	97
95) Naphthalene	13.83	128	90588	17.686	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	39468	18.956	ug/l	94

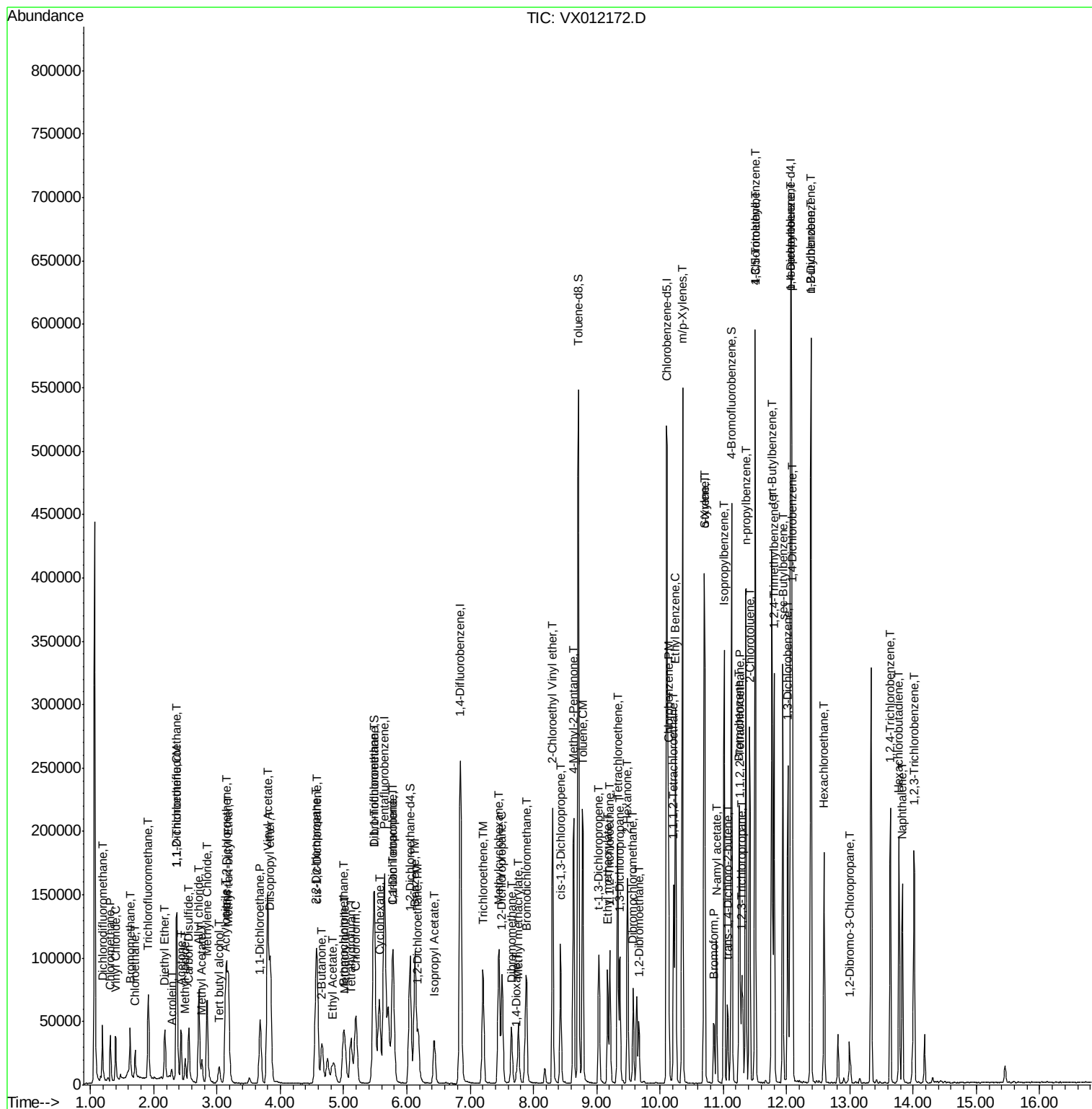
(#) = qualifier out of range (m) = manual integration (+) = signals summed

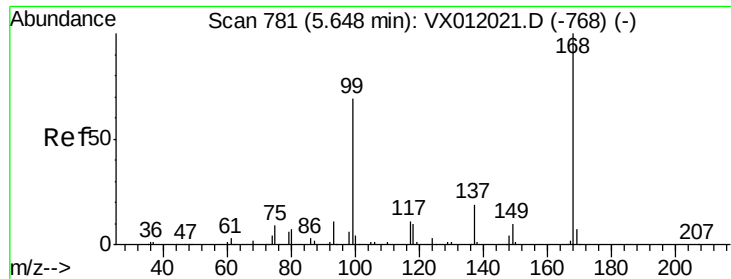
Data File : VX012172.D

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Acq On       : 07 Sep 2019   13:15
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Sample      : VX0907SBSD01
Misc       : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial    : 5      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD01

Quant Time: Sep 08 07:40:37 2019
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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

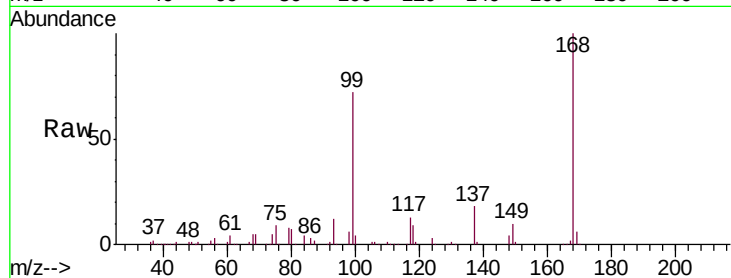
VX0907SBSD01

Tgt Ion:168 Resp: 139676

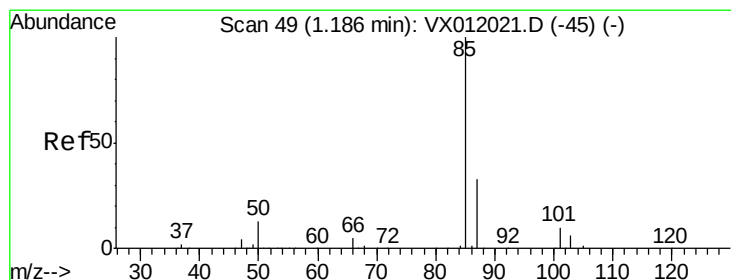
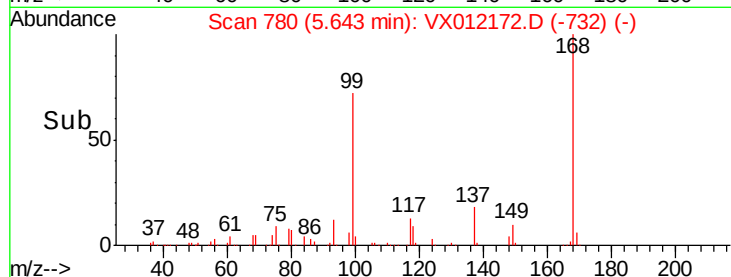
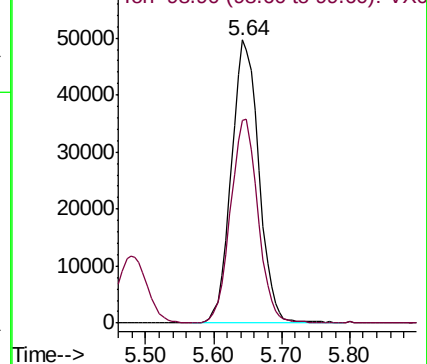
Ion Ratio Lower Upper

168 100

99 71.5 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.119 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012172.D

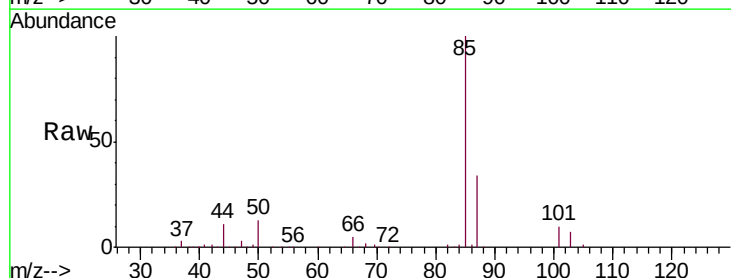
Acq: 07 Sep 2019 13:15

Tgt Ion: 85 Resp: 27202

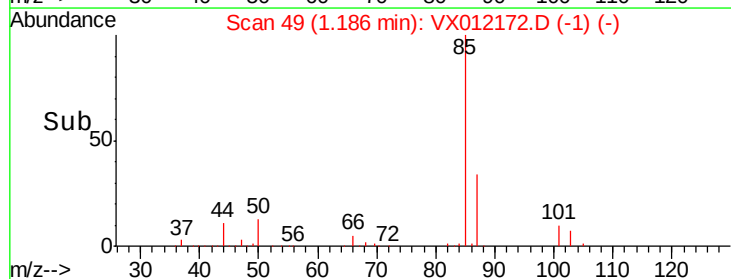
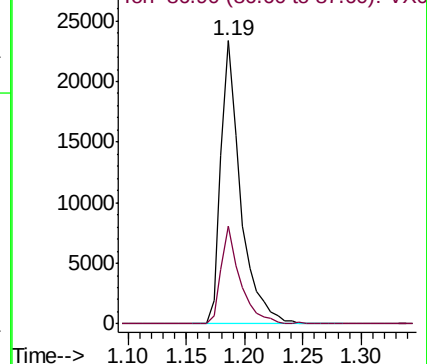
Ion Ratio Lower Upper

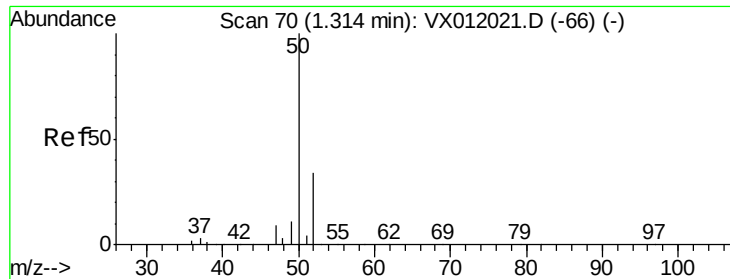
85 100

87 34.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0





#3

Chloromethane

Concen: 17.947 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

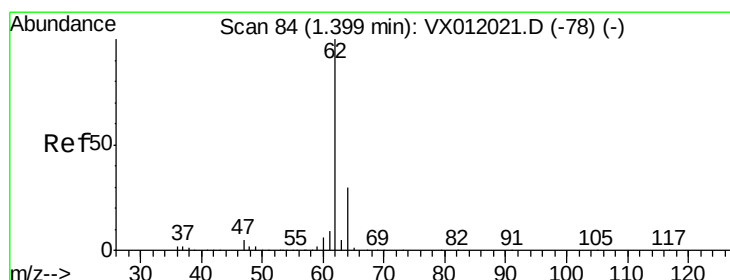
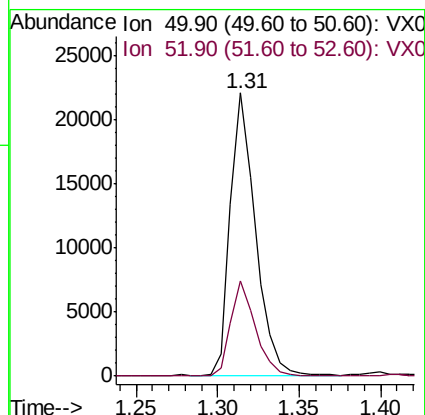
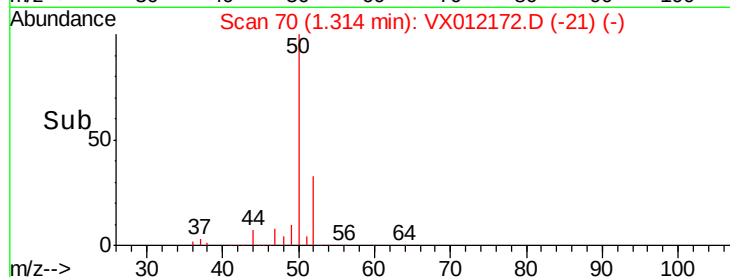
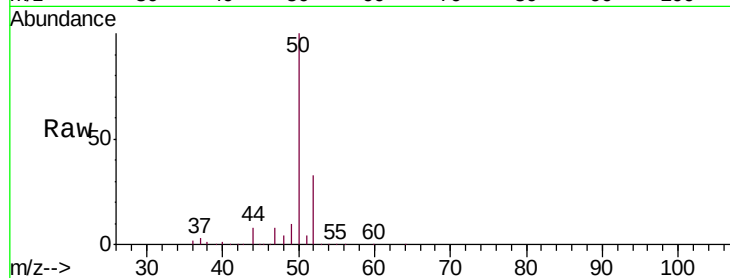
VX0907SBSD01

Tgt Ion: 50 Resp: 23675

Ion Ratio Lower Upper

50 100

52 33.6 26.5 39.7



#4

Vinyl Chloride

Concen: 19.015 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012172.D

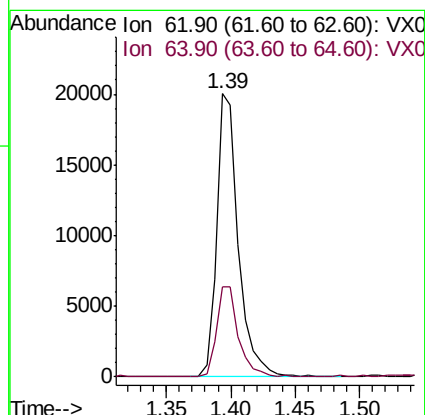
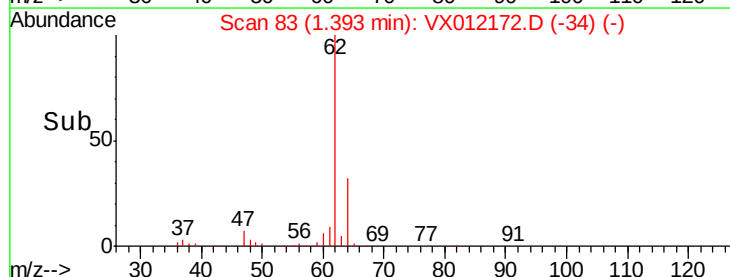
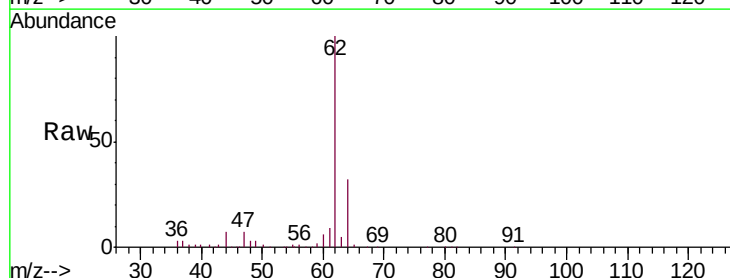
Acq: 07 Sep 2019 13:15

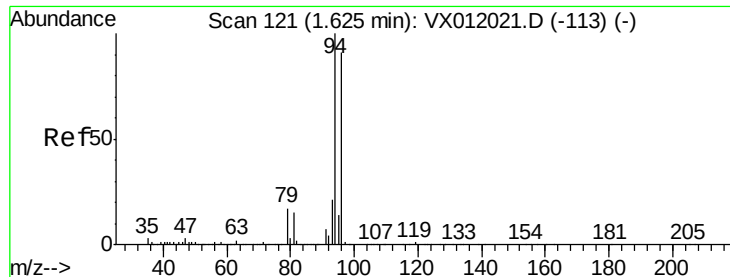
Tgt Ion: 62 Resp: 23599

Ion Ratio Lower Upper

62 100

64 31.8 26.2 39.4





#5

Bromomethane

Concen: 17.019 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

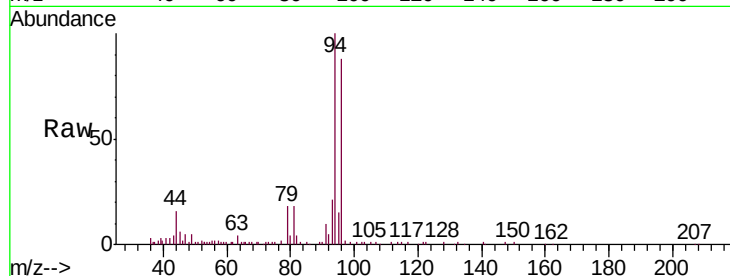
VX0907SBSD01

Tgt Ion: 94 Resp: 10478

Ion Ratio Lower Upper

94 100

96 87.9 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

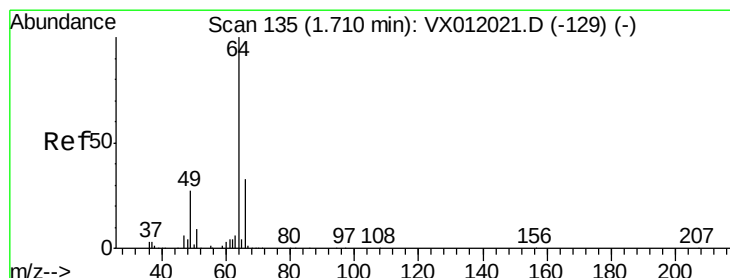
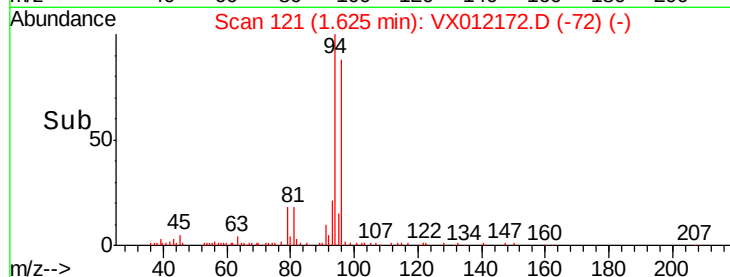
1.62

10000

5000

0

Time-->



#6

Chloroethane

Concen: 18.763 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012172.D

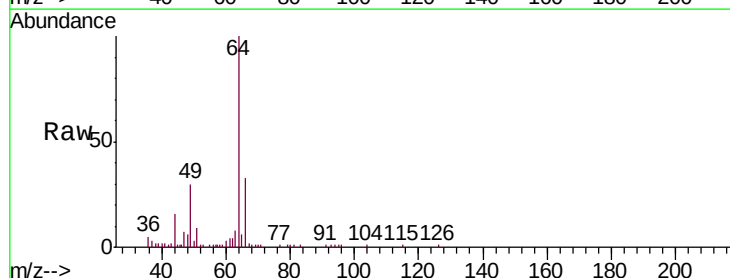
Acq: 07 Sep 2019 13:15

Tgt Ion: 64 Resp: 14476

Ion Ratio Lower Upper

64 100

66 32.5 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

10000

8000

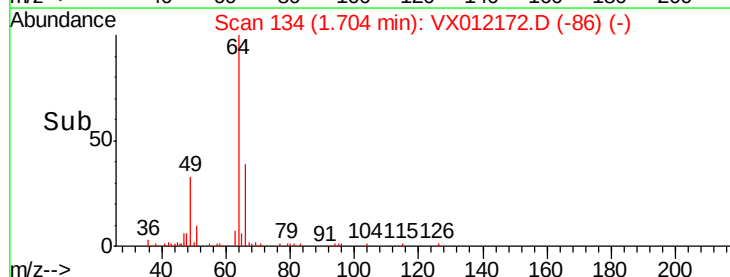
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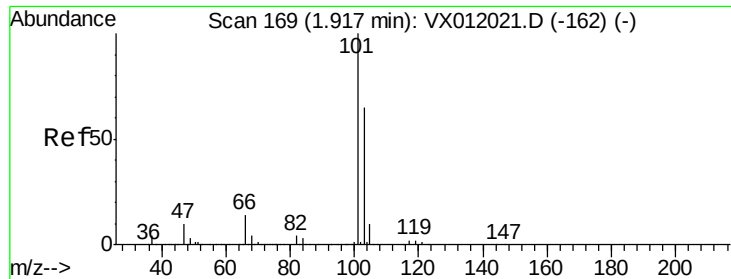
4000

2000

0

Time-->



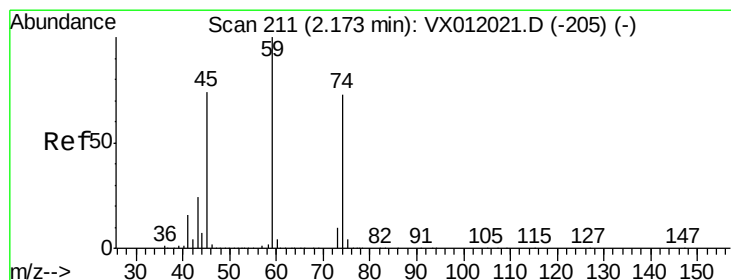
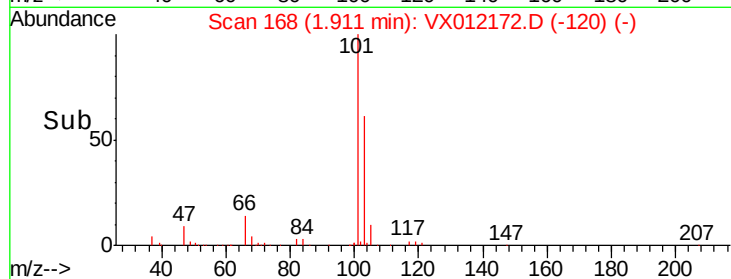
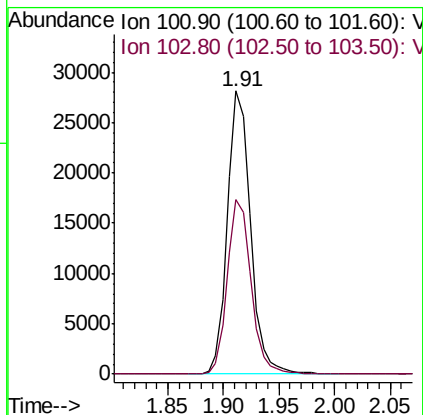
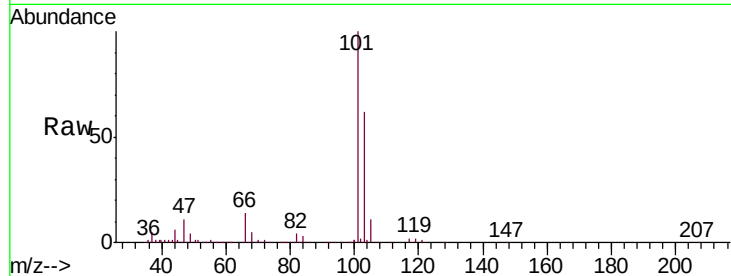


#7

Trichlorofluoromethane
 Concen: 21.107 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS01

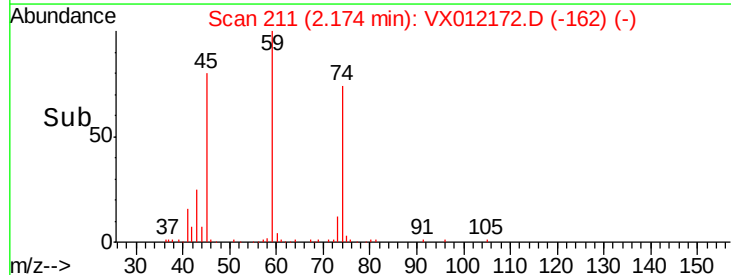
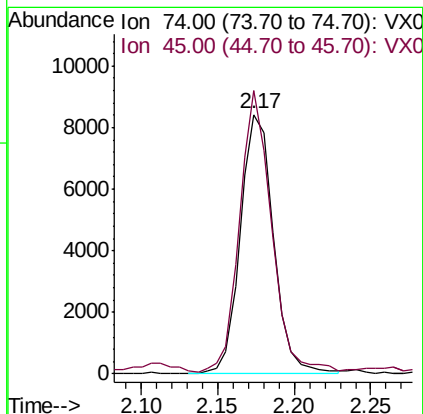
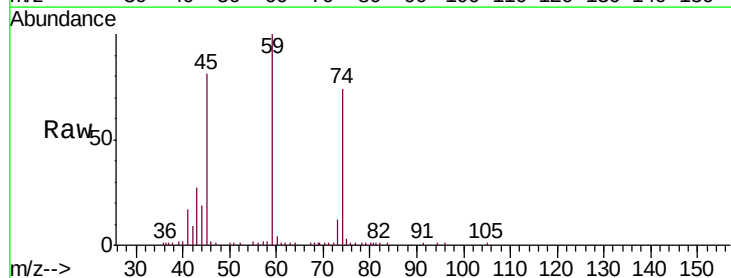
Tgt Ion:101 Resp: 40687
 Ion Ratio Lower Upper
 101 100
 103 61.4 51.6 77.4

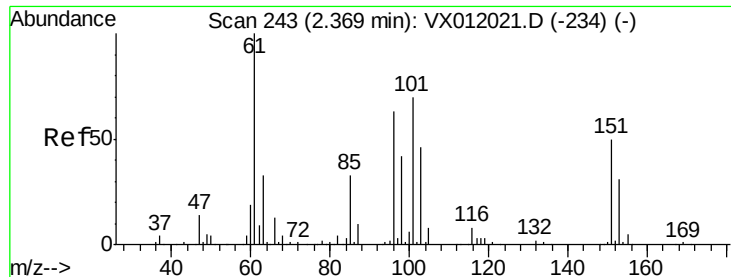


#8

Diethyl Ether
 Concen: 19.058 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Tgt Ion: 74 Resp: 12695
 Ion Ratio Lower Upper
 74 100
 45 103.1 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.278 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD01

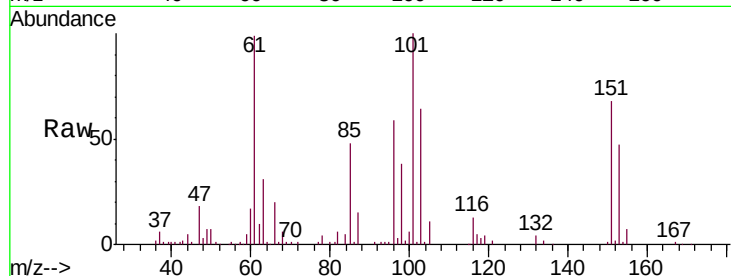
Tgt Ion:101 Resp: 28952

Ion Ratio Lower Upper

101 100

85 45.3 34.5 51.7

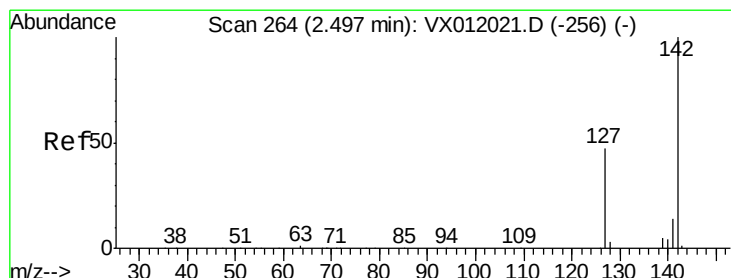
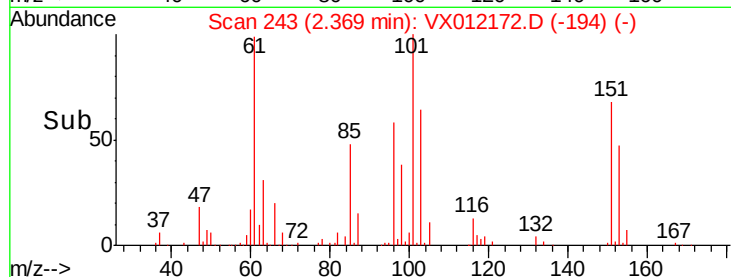
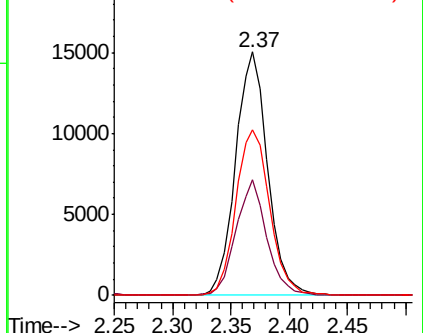
151 71.6 75.0 112.4#



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: 18.438 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

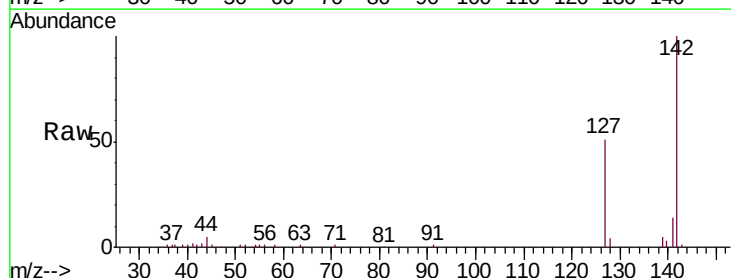
Tgt Ion:142 Resp: 19240

Ion Ratio Lower Upper

142 100

127 50.7 35.4 53.2

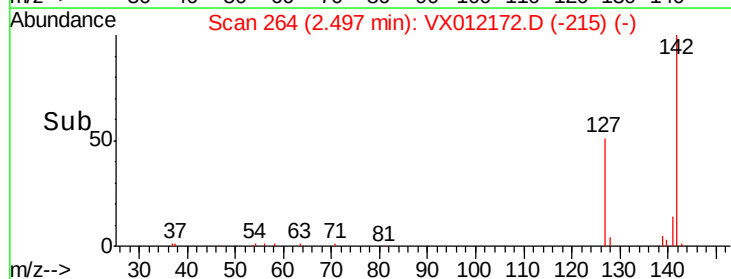
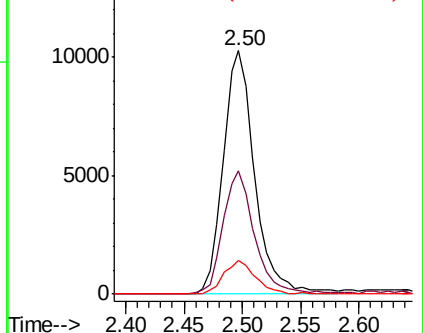
141 13.8 11.4 17.2

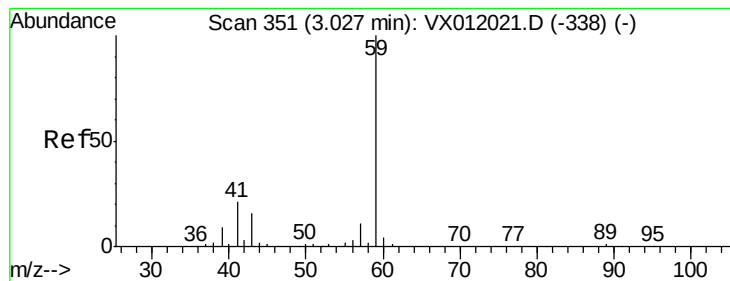


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



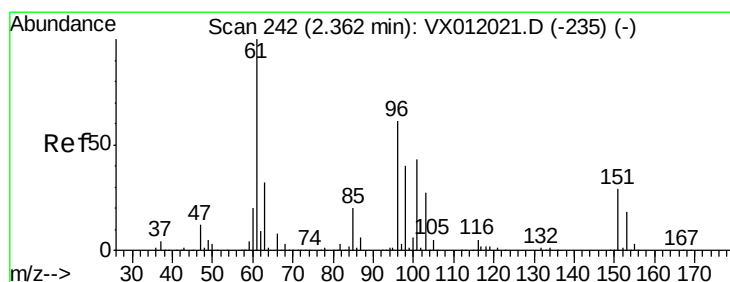
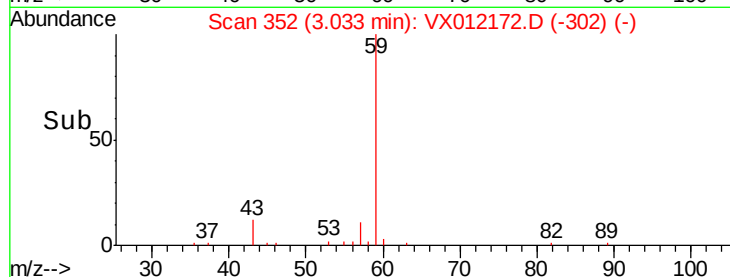
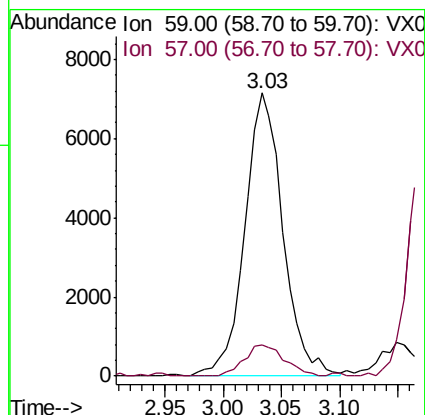
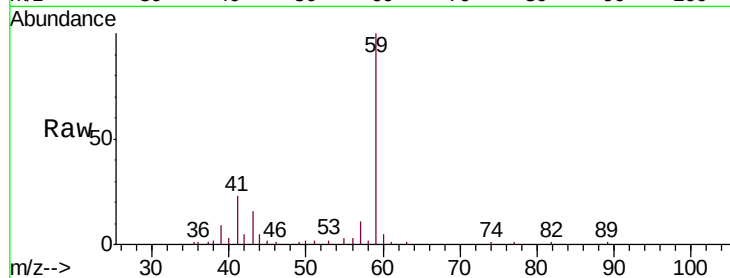


#11

Tert butyl alcohol
 Concen: 88.303 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD01

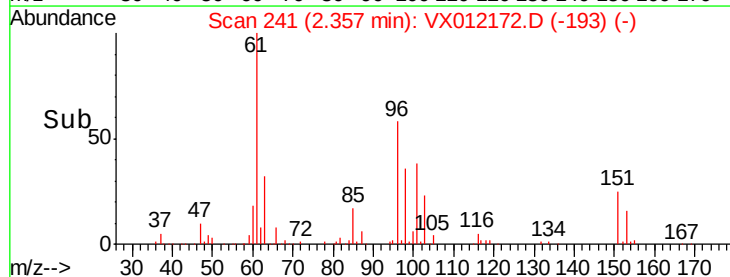
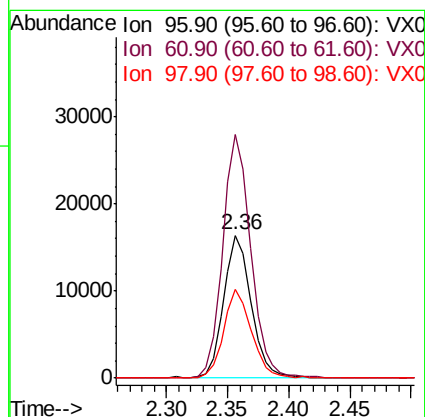
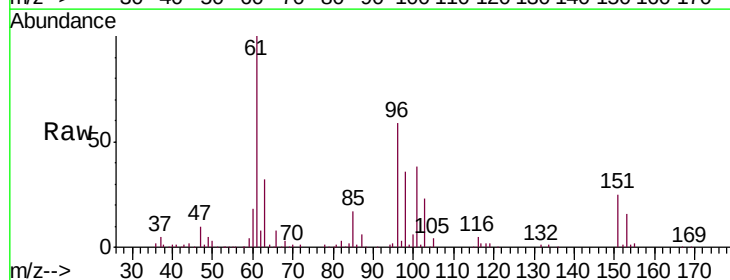
Tgt Ion: 59 Resp: 16346
 Ion Ratio Lower Upper
 59 100
 57 11.7 7.9 11.9

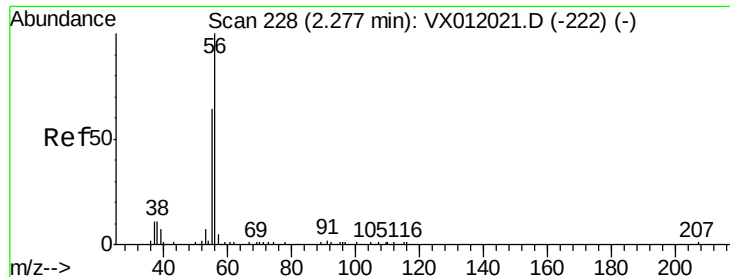


#12

1,1-Dichloroethene
 Concen: 18.643 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Tgt Ion: 96 Resp: 25641
 Ion Ratio Lower Upper
 96 100
 61 170.3 124.1 186.1
 98 62.3 50.2 75.2

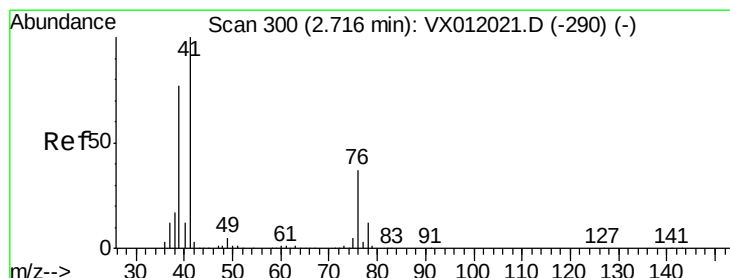
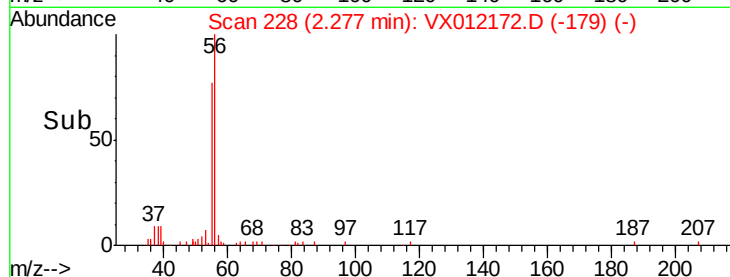
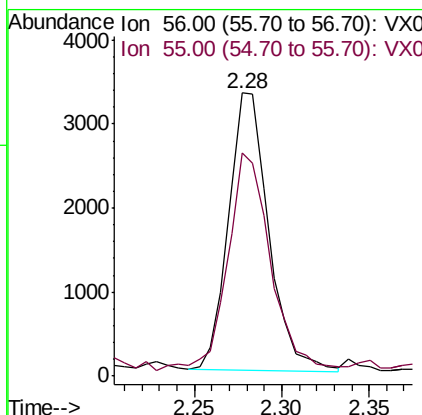
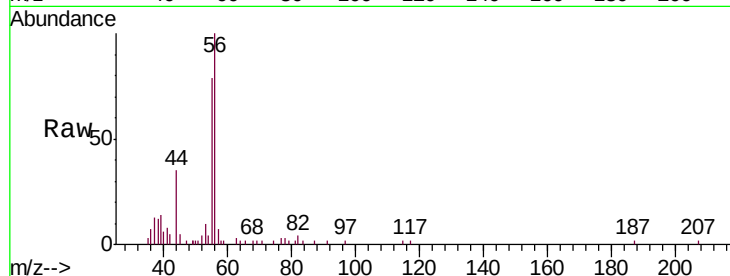




#13
Acrolein
Concen: 90.938 ug/l
RT: 2.28 min Scan# 228
Delta R.T. 0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

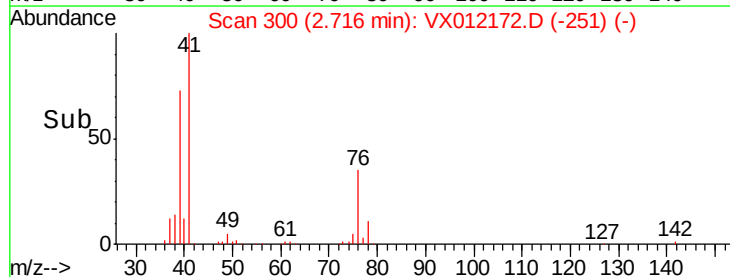
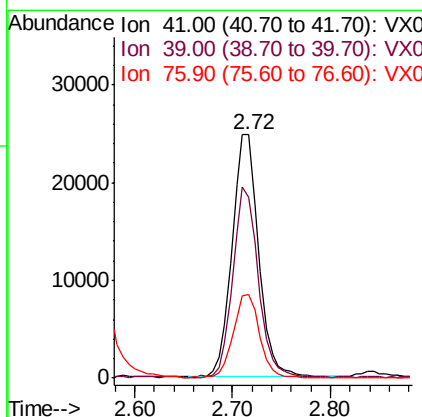
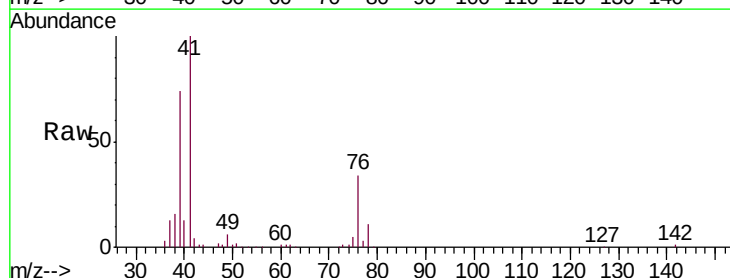
Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD01

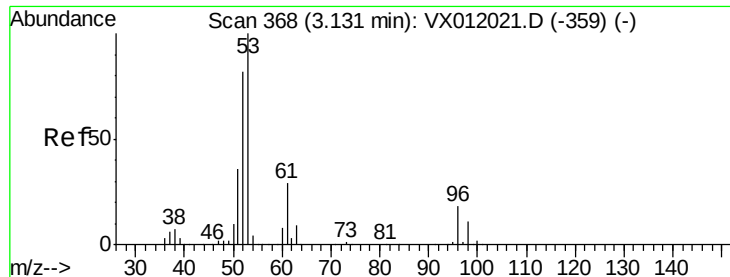
Tgt Ion: 56 Resp: 5276
Ion Ratio Lower Upper
56 100
55 83.5 59.2 88.8



#14
Allyl chloride
Concen: 18.795 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion: 41 Resp: 46776
Ion Ratio Lower Upper
41 100
39 76.8 57.9 86.9
76 33.8 28.5 42.7





#15

Acrylonitrile

Concen: 91.577 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD01

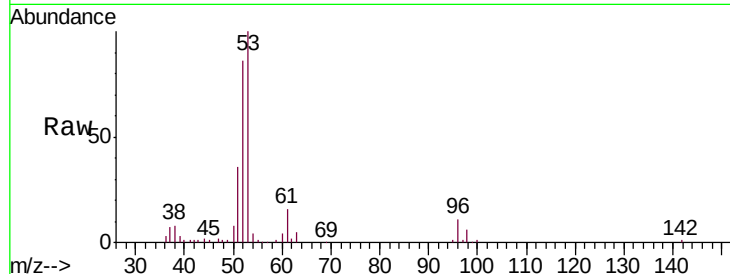
Tgt Ion: 53 Resp: 38333

Ion Ratio Lower Upper

53 100

52 83.6 65.6 98.4

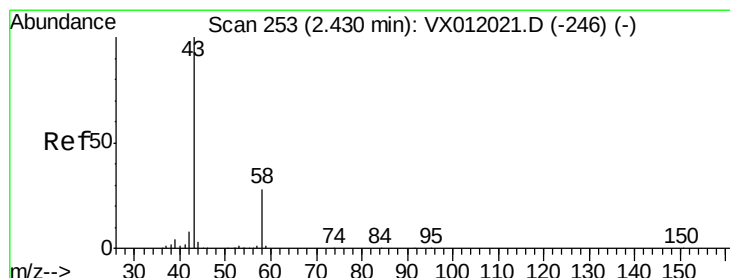
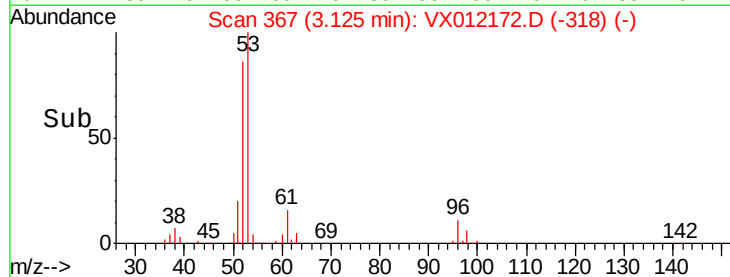
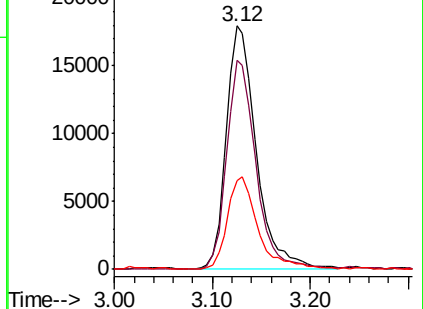
51 38.8 29.8 44.6



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: 95.115 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012172.D

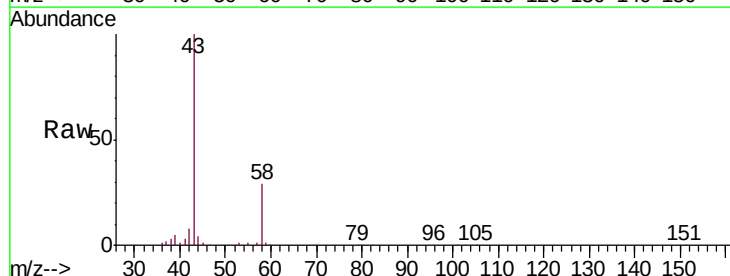
Acq: 07 Sep 2019 13:15

Tgt Ion: 43 Resp: 43815

Ion Ratio Lower Upper

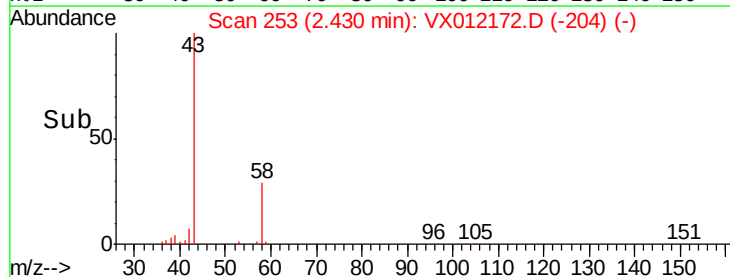
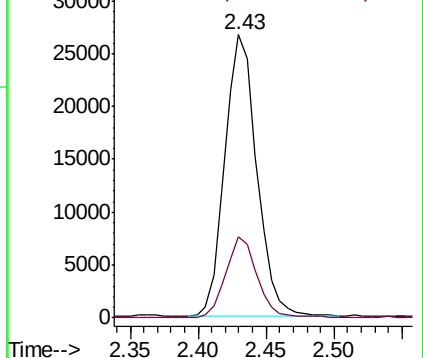
43 100

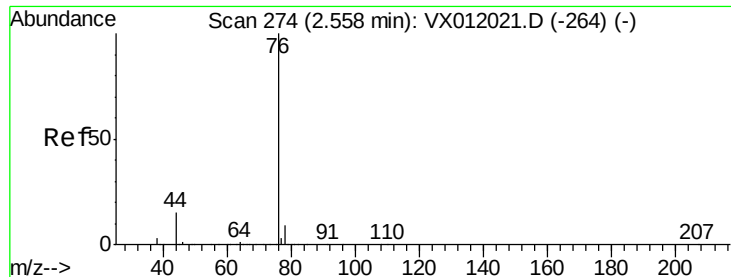
58 28.4 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 14.082 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

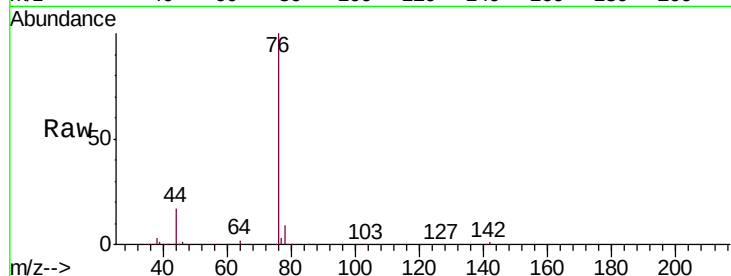
VX0907SBSD01

Tgt Ion: 76 Resp: 56605

Ion Ratio Lower Upper

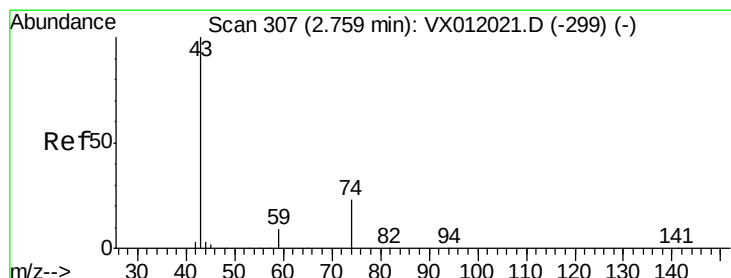
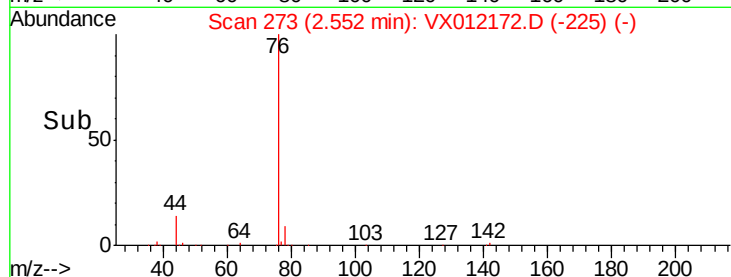
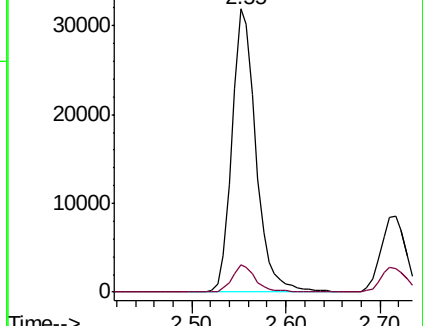
76 100

78 9.5 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.167 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012172.D

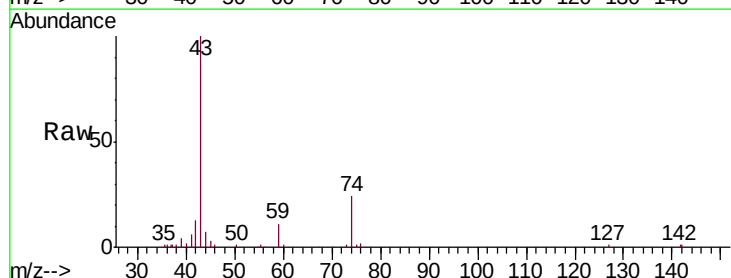
Acq: 07 Sep 2019 13:15

Tgt Ion: 43 Resp: 19714

Ion Ratio Lower Upper

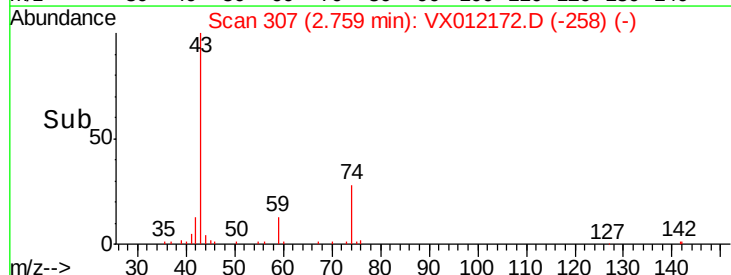
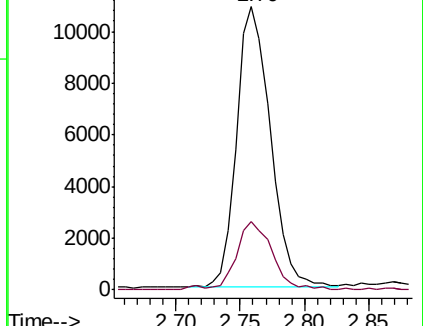
43 100

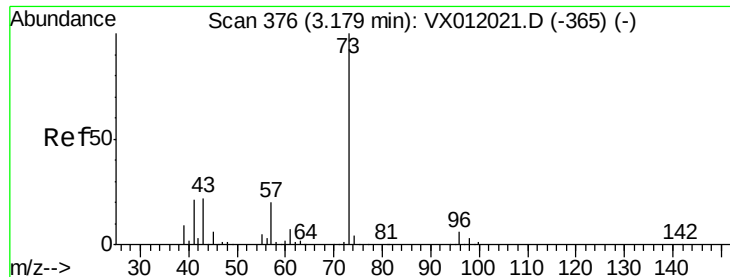
74 25.6 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

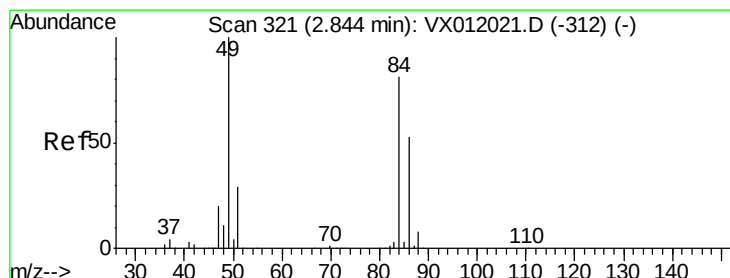
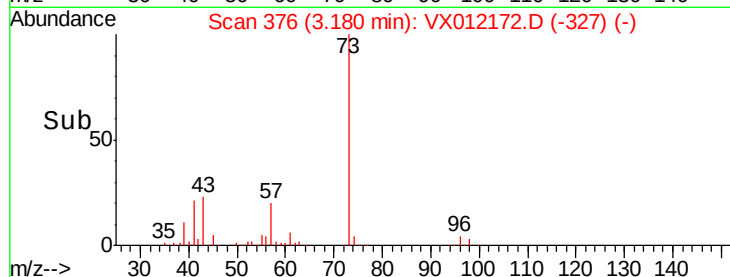
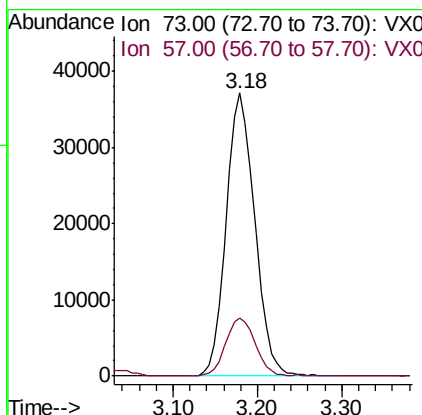
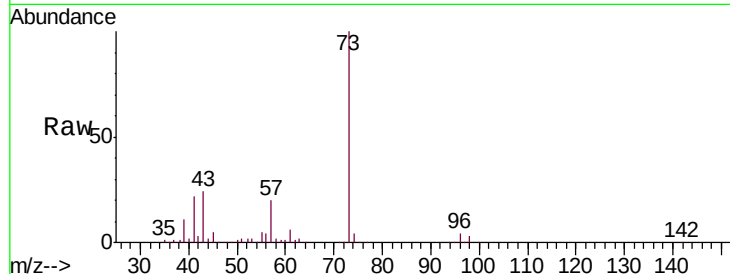




#19
Methyl tert-butyl Ether
Concen: 19.152 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

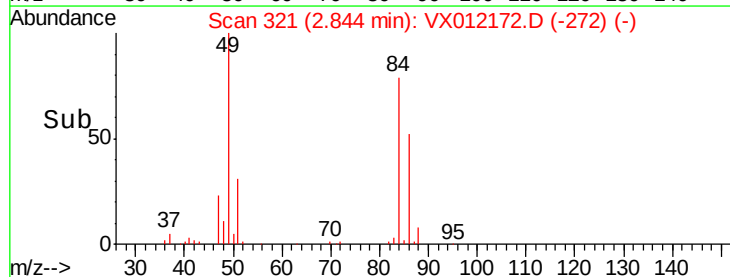
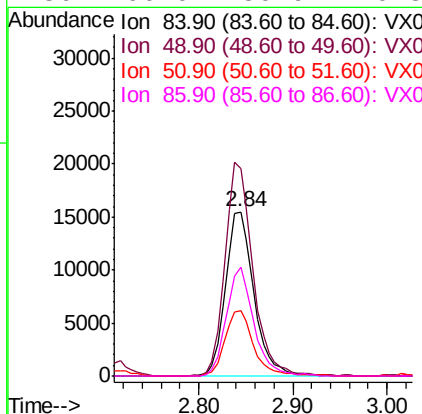
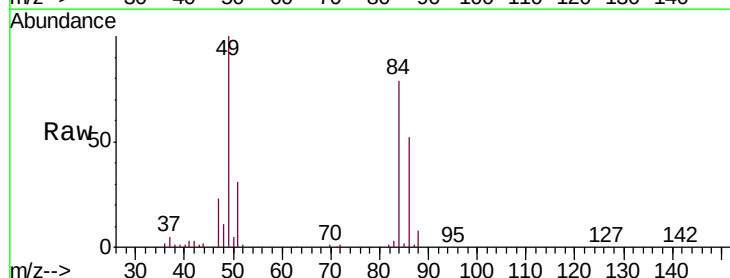
Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD01

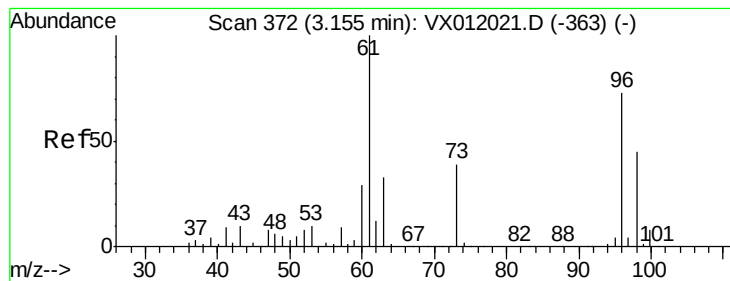
Tgt Ion: 73 Resp: 85757
Ion Ratio Lower Upper
73 100
57 20.4 16.6 25.0



#20
Methylene Chloride
Concen: 17.501 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion: 84 Resp: 32373
Ion Ratio Lower Upper
84 100
49 126.2 95.8 143.8
51 39.4 28.6 43.0
86 66.0 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 18.052 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD01

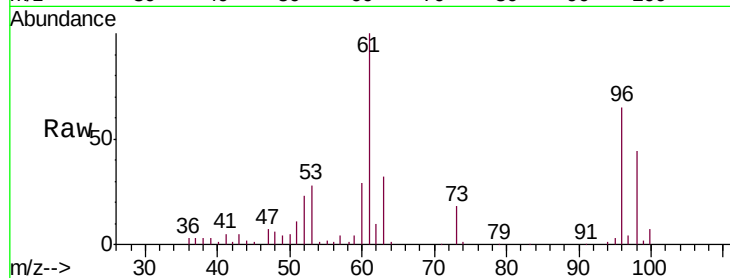
Tgt Ion: 96 Resp: 29135

Ion Ratio Lower Upper

96 100

61 153.9 107.0 160.6

98 67.4 49.8 74.6

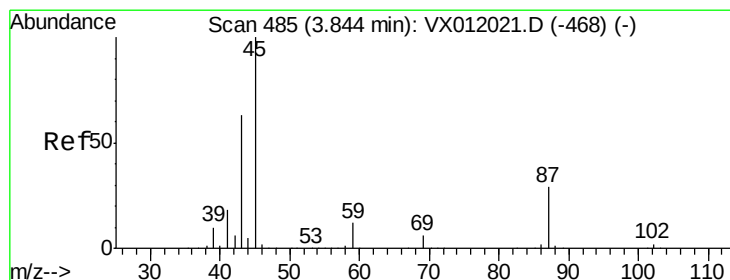
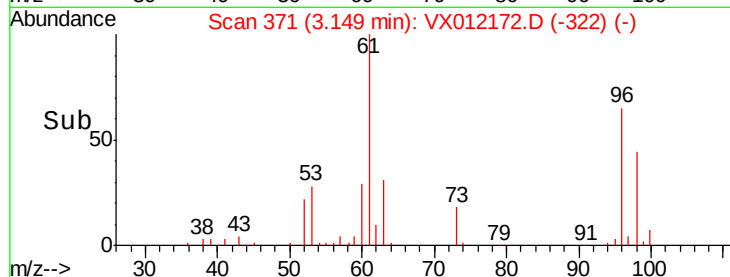
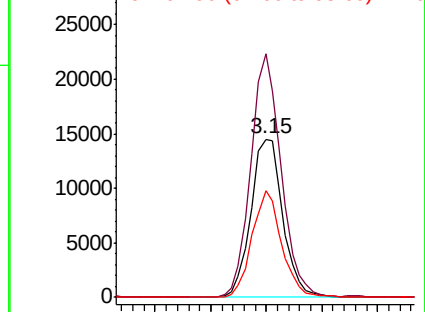


Abundance

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: 20.002 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Tgt Ion: 45 Resp: 101464

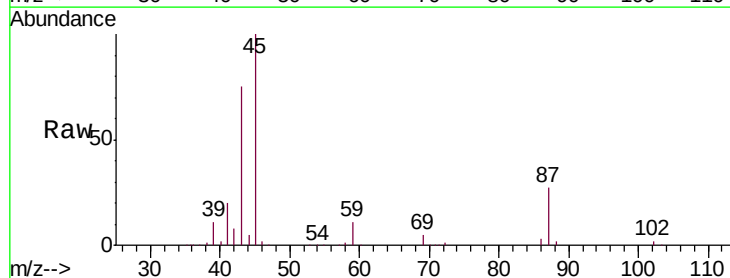
Ion Ratio Lower Upper

45 100

43 74.9 54.2 81.4

87 27.3 23.4 35.0

59 11.3 9.0 13.6



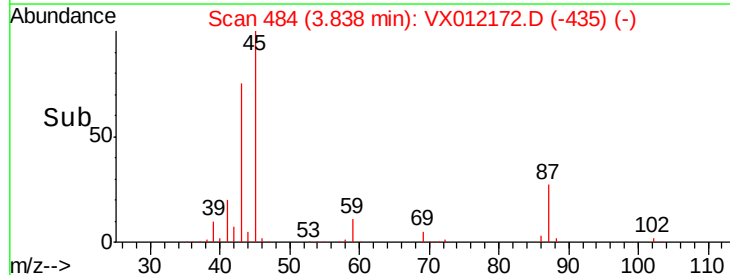
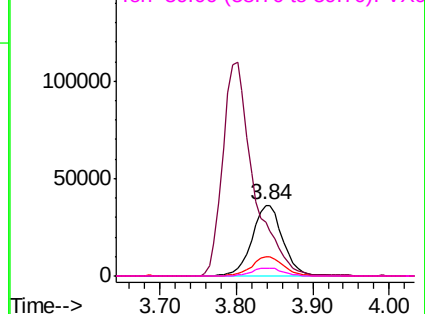
Abundance

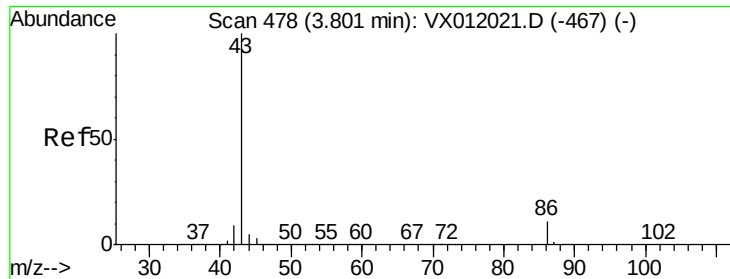
Ion 45.00 (44.70 to 45.70): VX0

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: 93.274 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

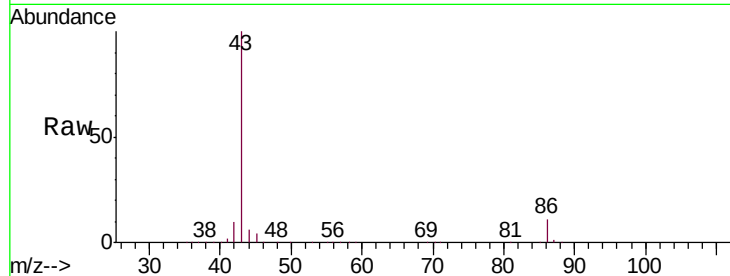
VX0907SBSD01

Tgt Ion: 43 Resp: 306070

Ion Ratio Lower Upper

43 100

86 10.7 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

120000

100000

80000

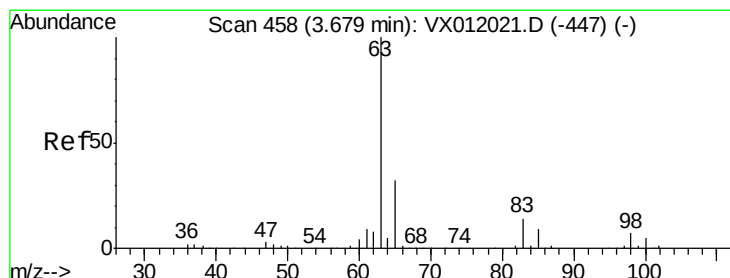
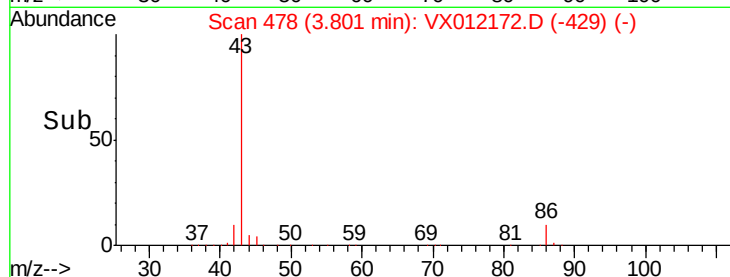
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.458 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

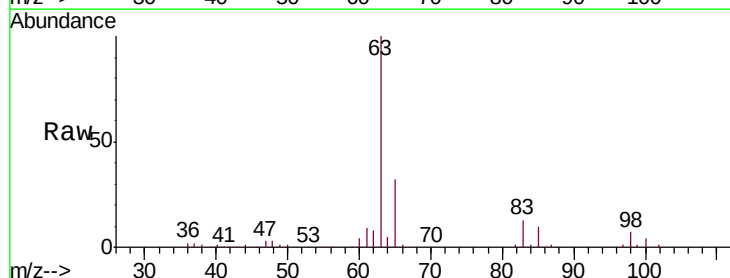
Tgt Ion: 63 Resp: 57244

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

100 4.3 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

3.68

30000

25000

20000

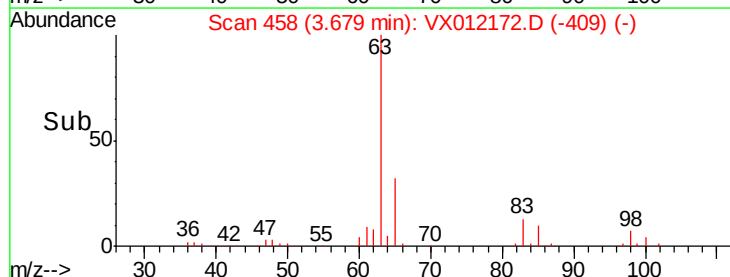
15000

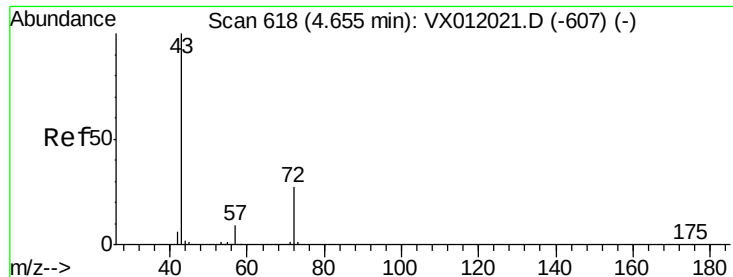
10000

5000

0

Time-->





#25

2-Butanone

Concen: 93.632 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

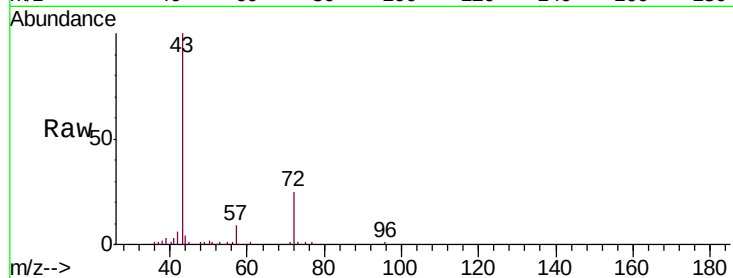
VX0907SBS01

Tgt Ion: 43 Resp: 54904

Ion Ratio Lower Upper

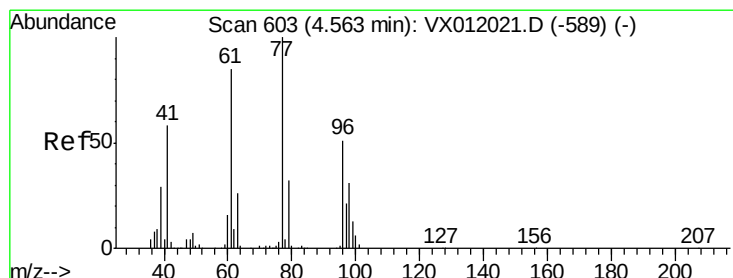
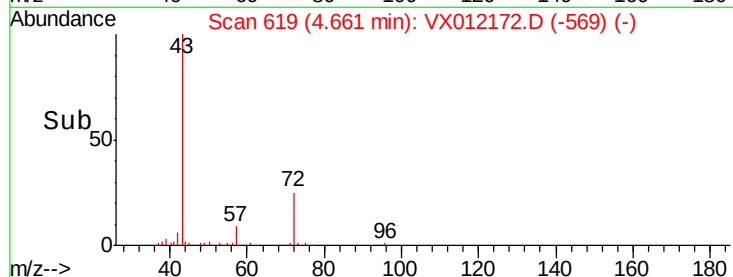
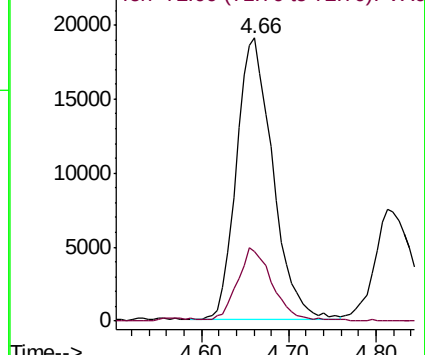
43 100

72 24.1 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 21.056 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012172.D

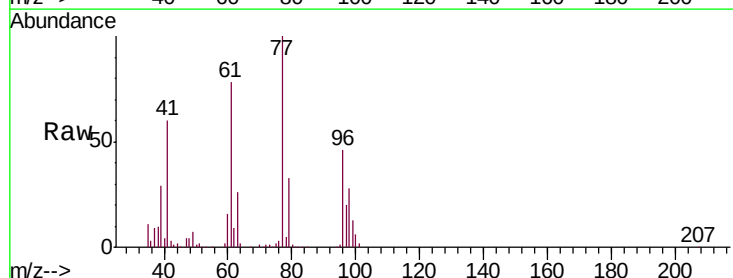
Acq: 07 Sep 2019 13:15

Tgt Ion: 77 Resp: 57192

Ion Ratio Lower Upper

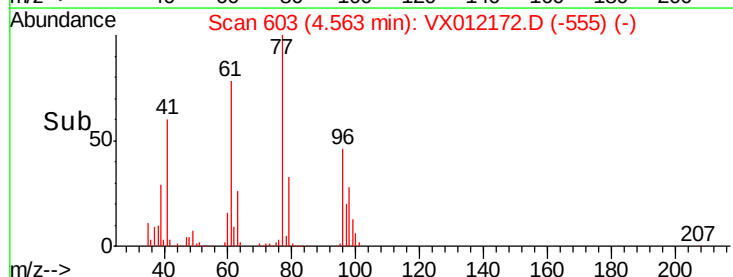
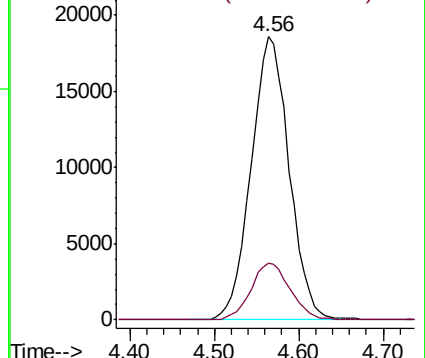
77 100

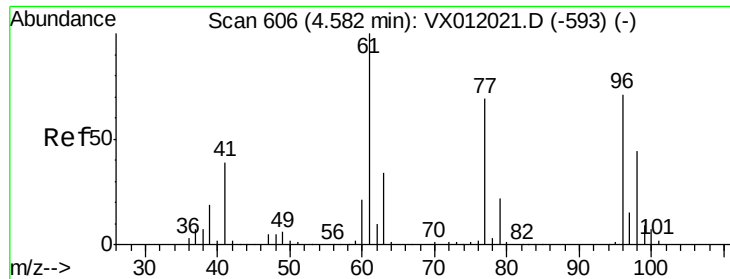
97 20.6 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



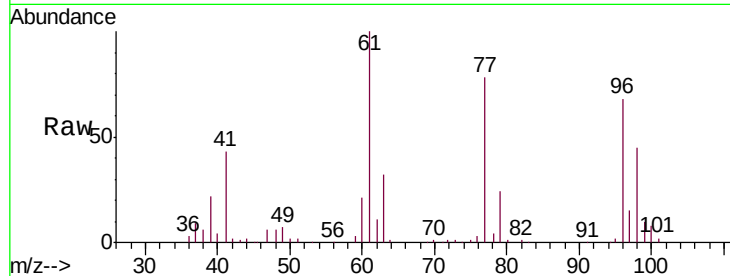


#27

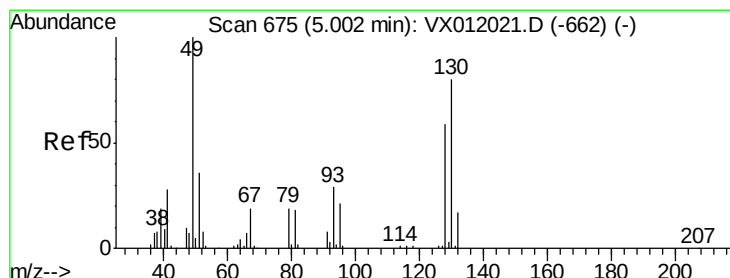
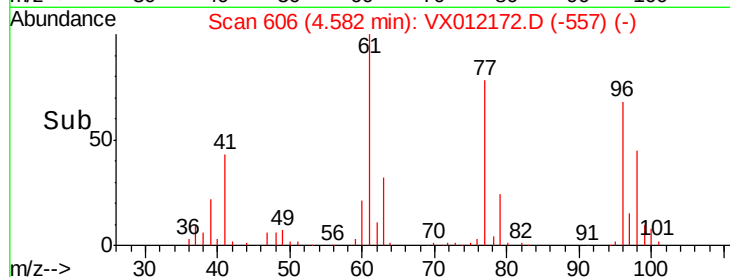
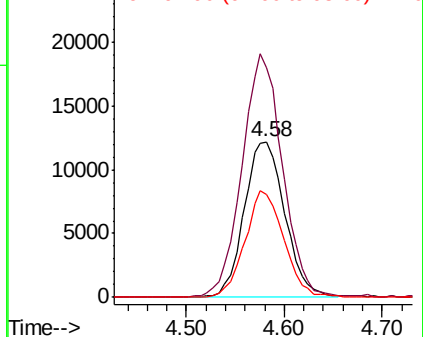
cis-1,2-Dichloroethene
Concen: 18.588 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD01

Tgt Ion: 96 Resp: 35166
Ion Ratio Lower Upper
96 100
61 156.1 0.0 277.0
98 65.4 0.0 128.4



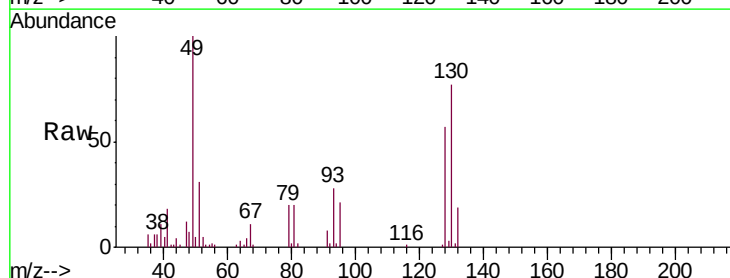
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



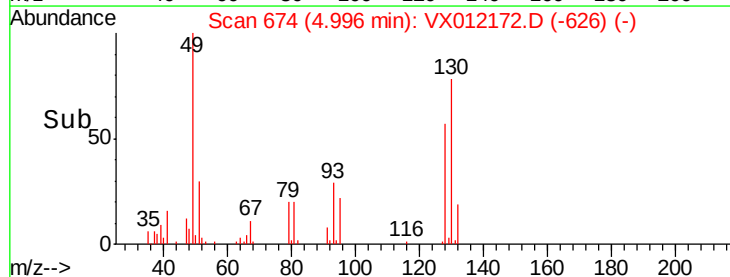
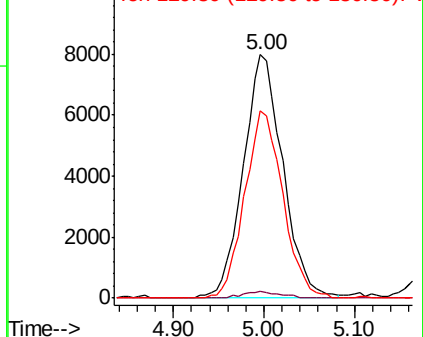
#28

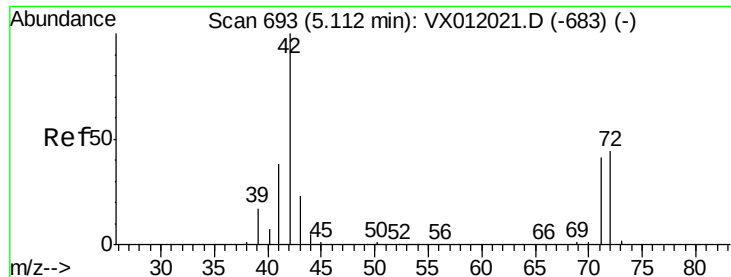
Bromochloromethane
Concen: 20.550 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion: 49 Resp: 24133
Ion Ratio Lower Upper
49 100
129 2.3 0.0 5.6
130 74.0 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

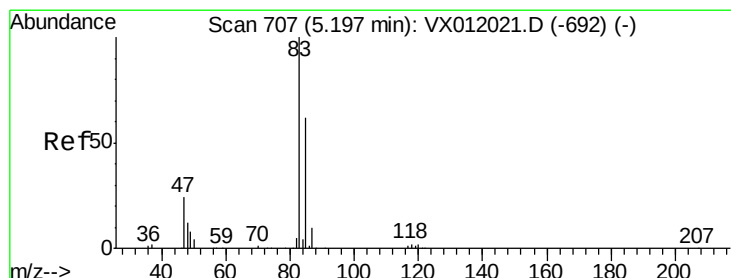
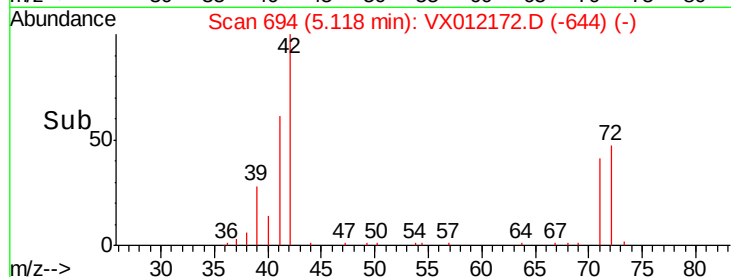
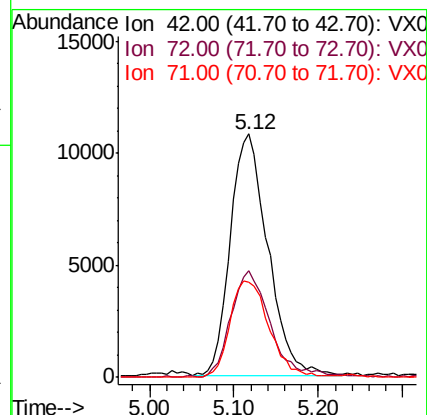
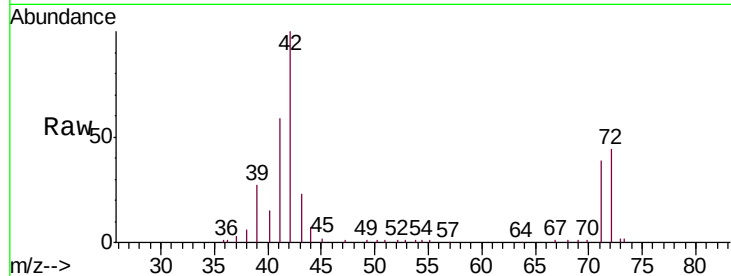




#29
Tetrahydrofuran
Concen: 93.070 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

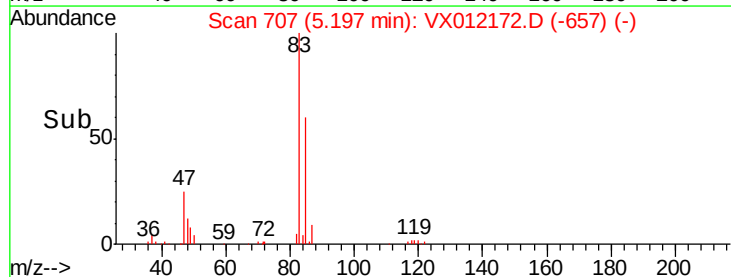
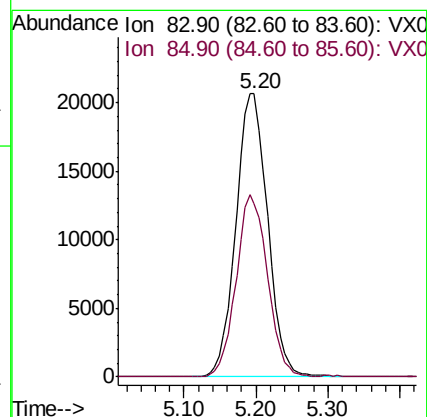
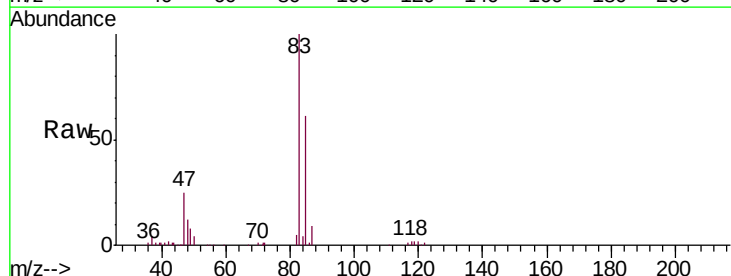
Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD01

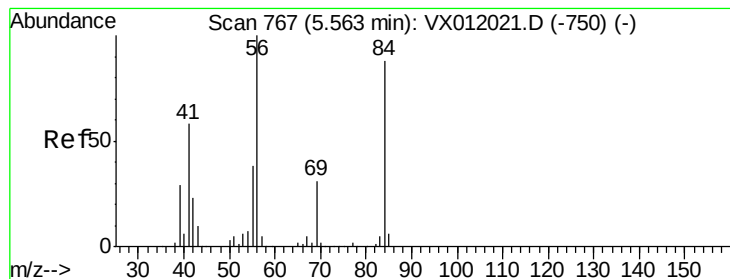
Tgt Ion: 42 Resp: 32881
Ion Ratio Lower Upper
42 100
72 45.9 37.0 55.4
71 41.4 33.8 50.8



#30
Chloroform
Concen: 20.064 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.01 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion: 83 Resp: 63337
Ion Ratio Lower Upper
83 100
85 61.1 52.6 78.8





#31

Cyclohexane

Concen: 18.632 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD01

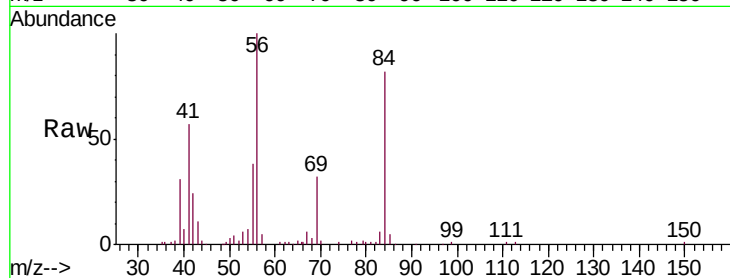
Tgt Ion: 56 Resp: 44024

Ion Ratio Lower Upper

56 100

69 32.4 25.7 38.5

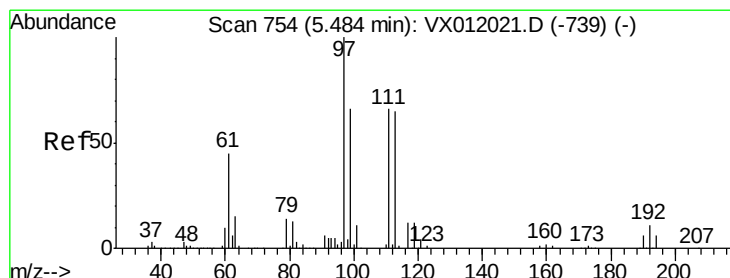
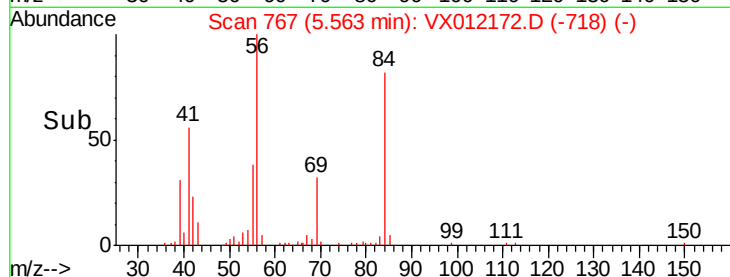
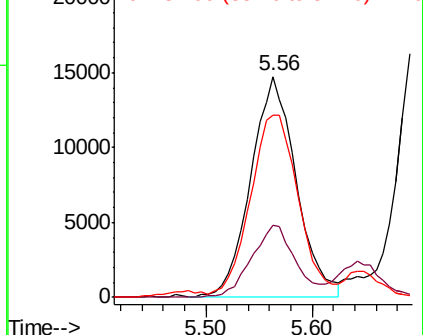
84 79.5 70.3 105.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.875 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

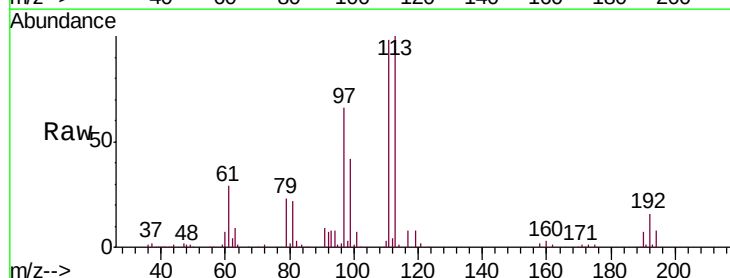
Tgt Ion: 97 Resp: 57394

Ion Ratio Lower Upper

97 100

99 63.3 52.1 78.1

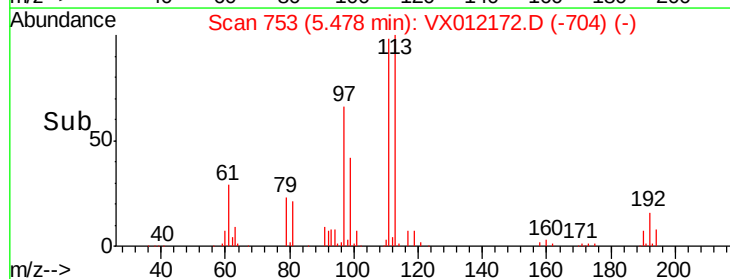
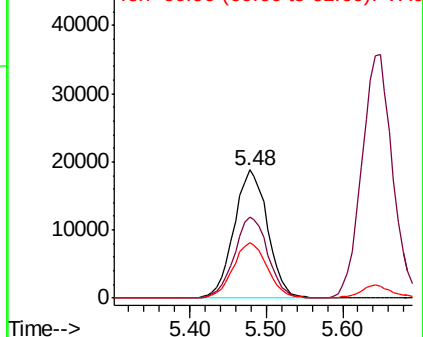
61 44.2 32.8 49.2

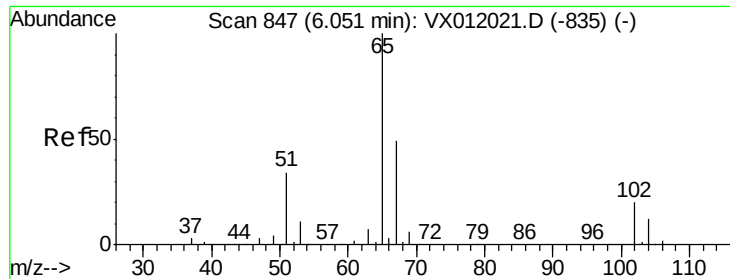


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

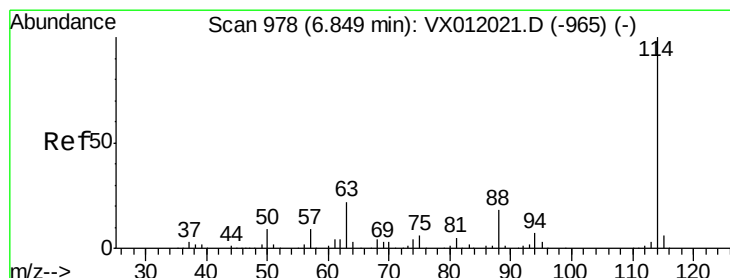
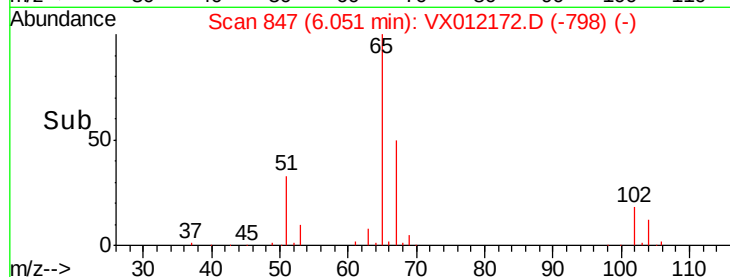
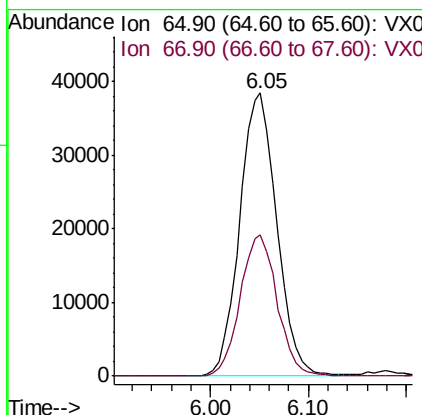
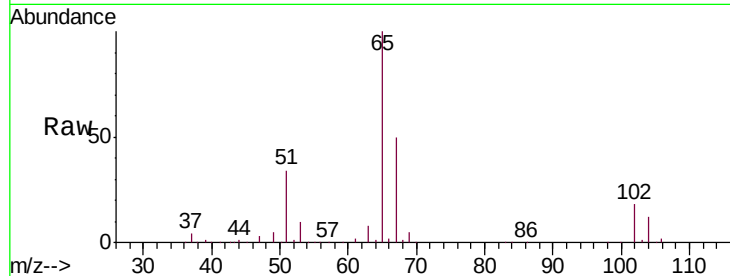




#33
 1,2-Dichloroethane-d4
 Concen: 52.555 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

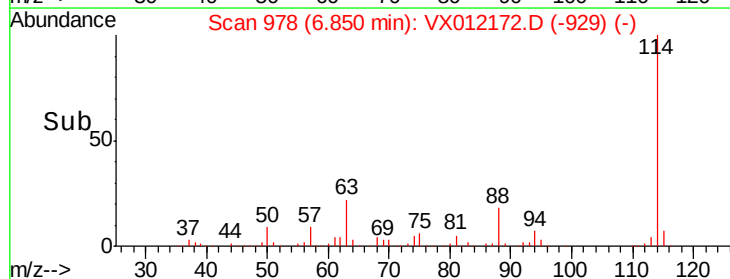
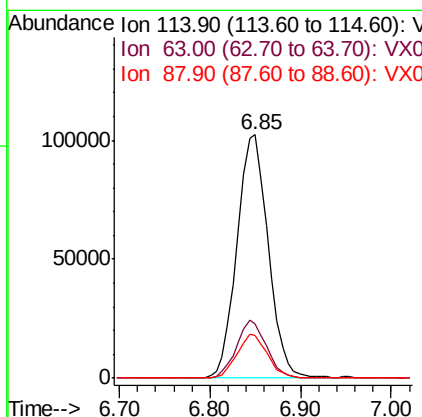
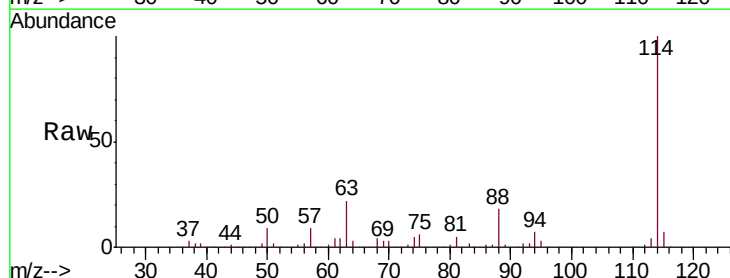
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD01

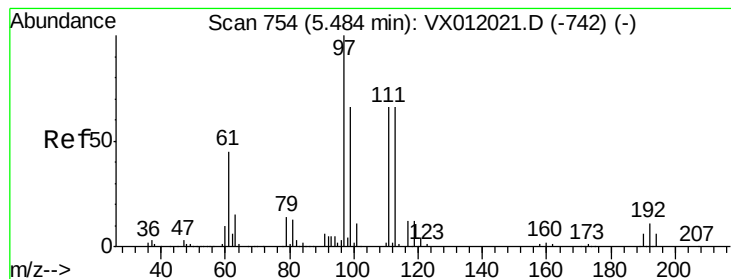
Tgt Ion: 65 Resp: 101287
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Tgt Ion: 114 Resp: 245492
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 37.4
 88 17.6 0.0 29.6





#35

Dibromofluoromethane

Concen: 54.235 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD01

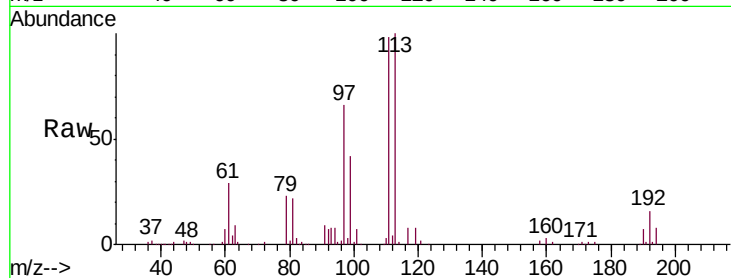
Tgt Ion:113 Resp: 81879

Ion Ratio Lower Upper

113 100

111 102.5 81.7 122.5

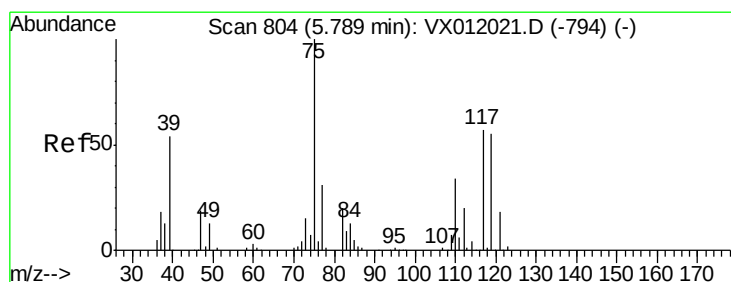
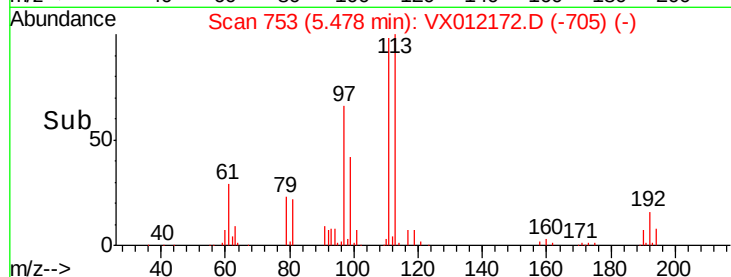
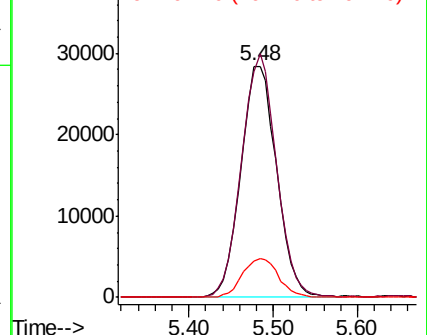
192 16.9 22.5 33.7#



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: 19.530 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

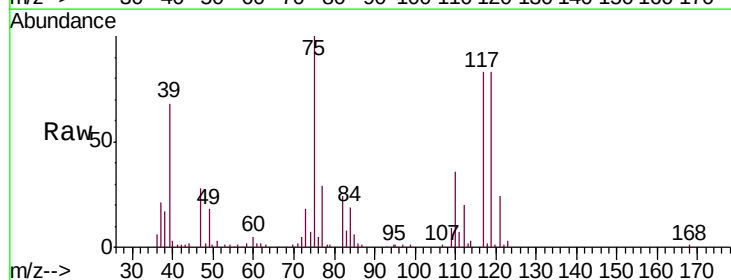
Tgt Ion: 75 Resp: 42227

Ion Ratio Lower Upper

75 100

110 33.8 19.5 58.5

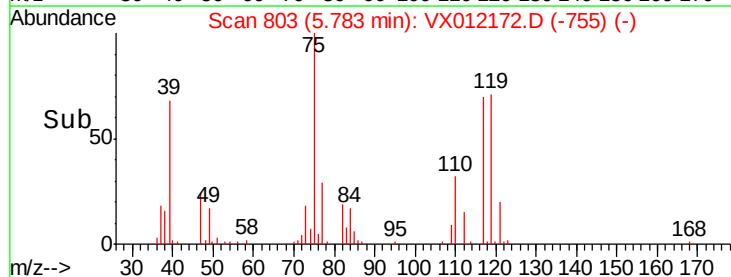
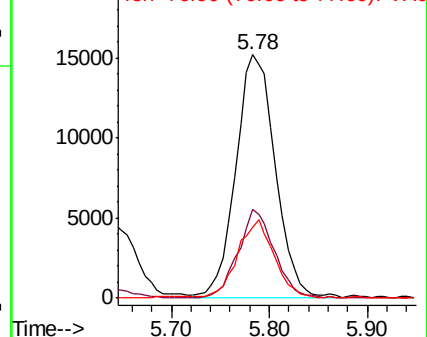
77 30.4 24.6 37.0

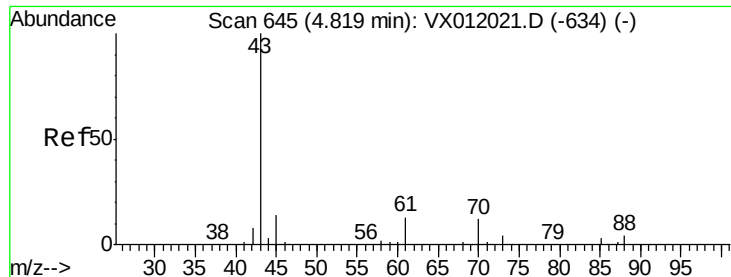


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 18.809 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD01

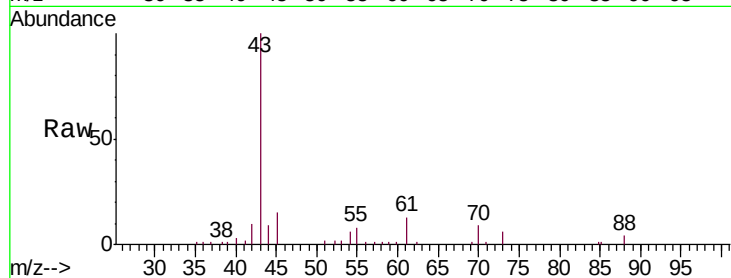
Tgt Ion: 43 Resp: 22115

Ion Ratio Lower Upper

43 100

61 15.2 10.9 16.3

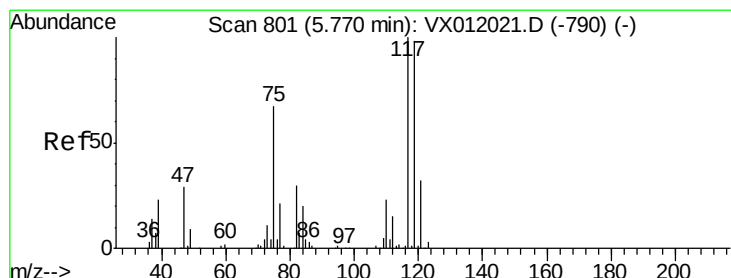
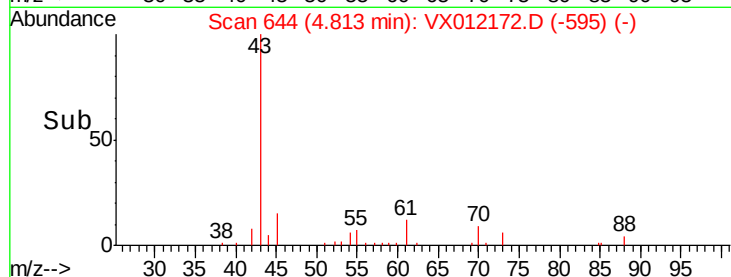
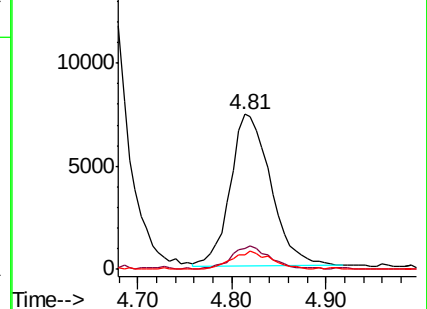
70 11.6 9.4 14.0



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: 20.779 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

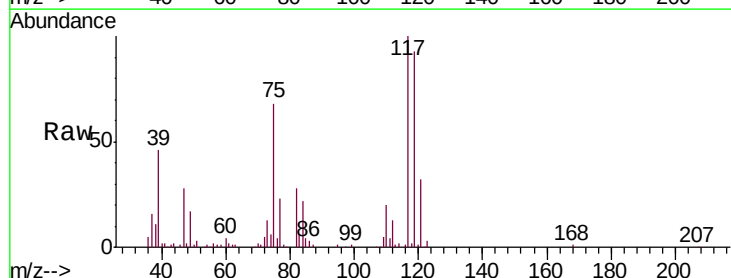
Tgt Ion: 117 Resp: 47342

Ion Ratio Lower Upper

117 100

119 92.8 78.3 117.5

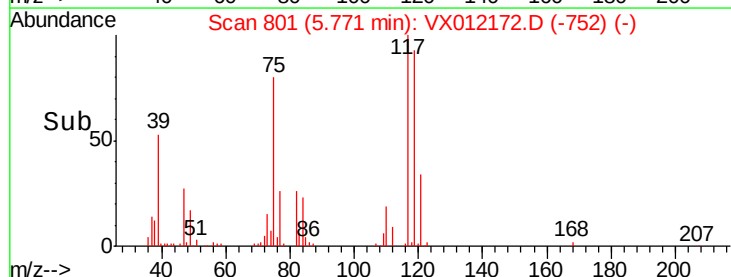
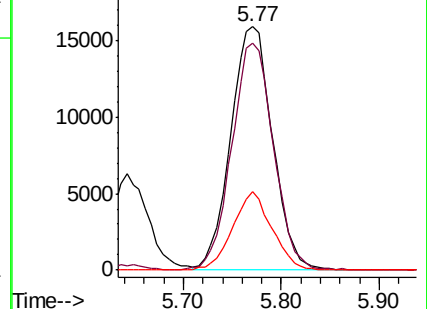
121 32.4 24.2 36.2

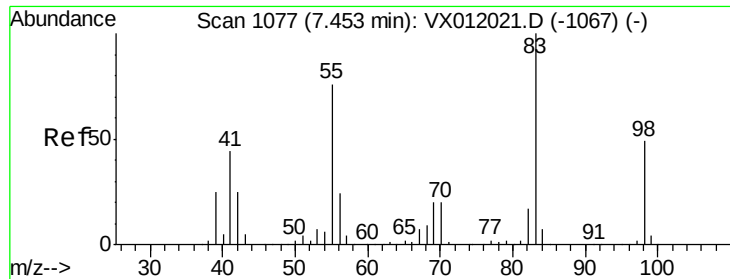


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

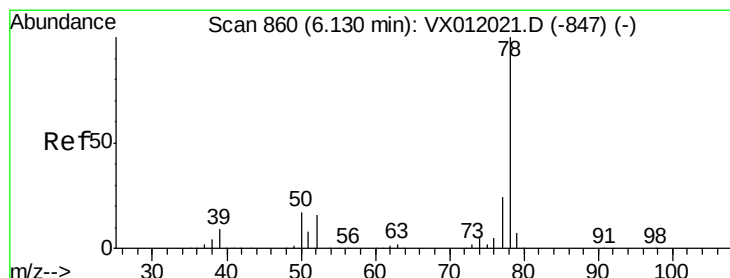
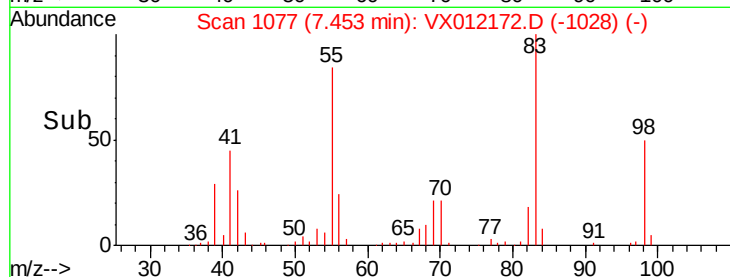
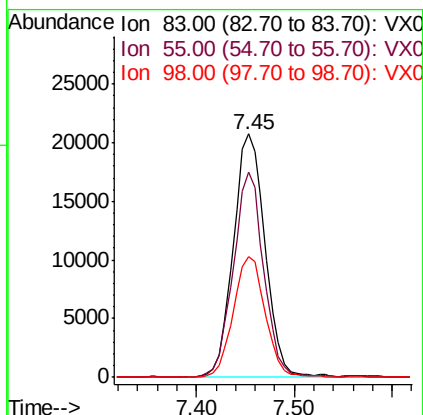
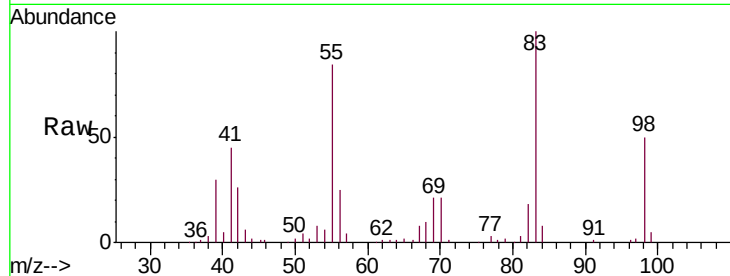




#39
Methylcyclohexane
Concen: 18.626 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

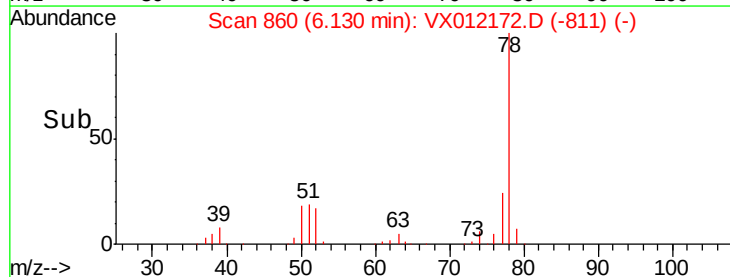
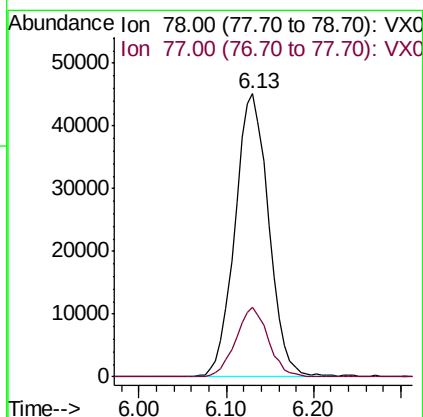
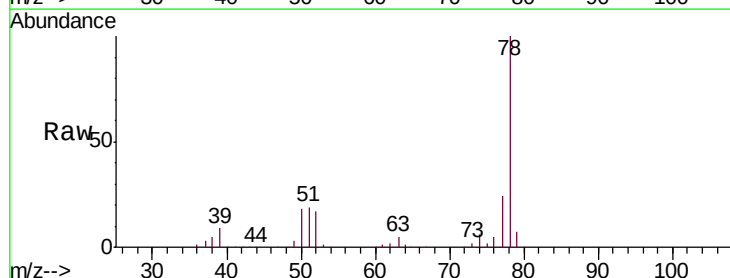
Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD01

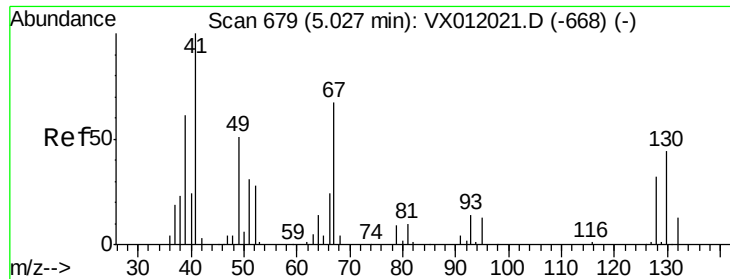
Tgt Ion: 83 Resp: 46740
Ion Ratio Lower Upper
83 100
55 84.2 59.6 89.4
98 49.8 41.4 62.0



#40
Benzene
Concen: 19.458 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion: 78 Resp: 120777
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9

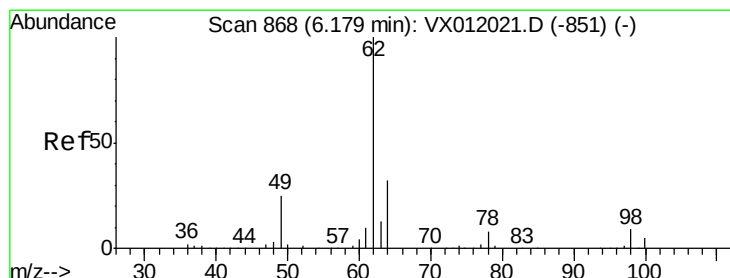
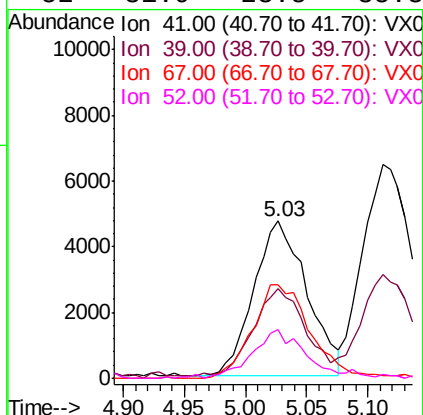
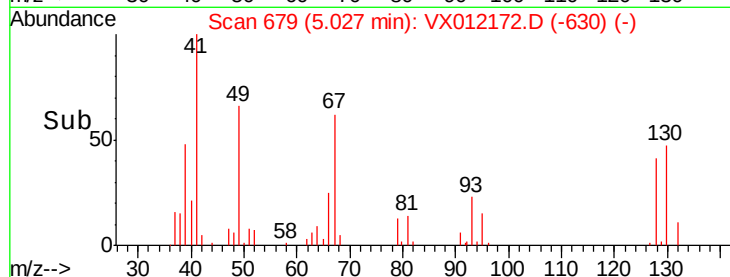
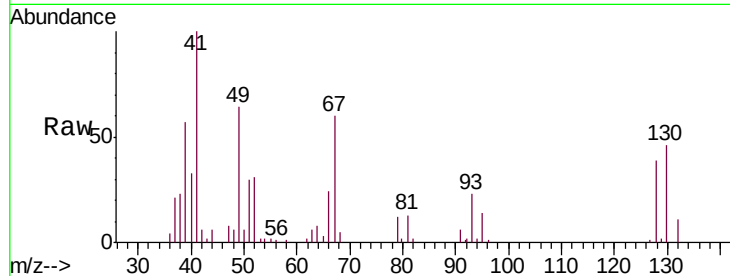




#41
Methacrylonitrile
Concen: 20.195 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

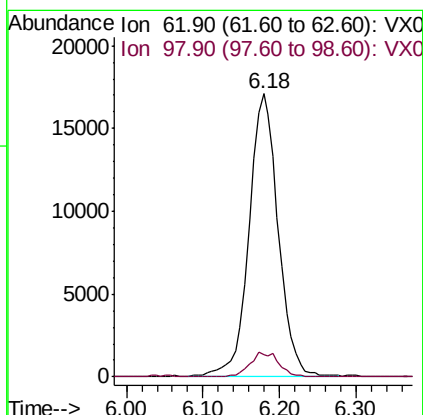
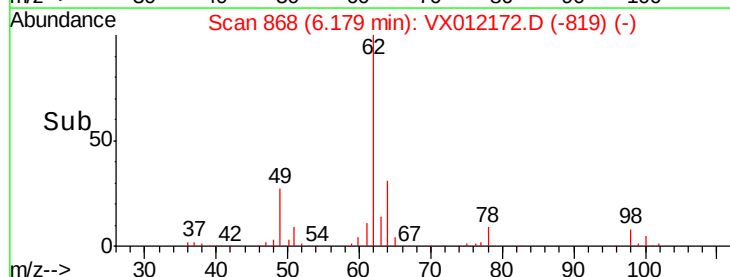
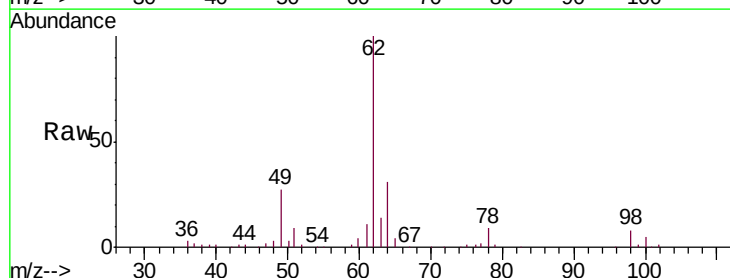
Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD01

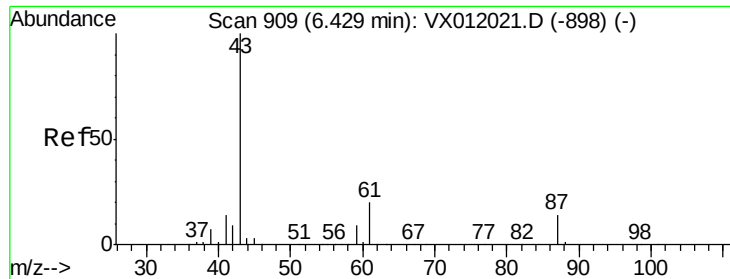
Tgt Ion:	41	Resp:	14160
Ion	Ratio	Lower	Upper
41	100		
39	56.9	46.7	70.1
67	66.1	57.0	85.6
52	31.9	23.5	35.3



#42
1,2-Dichloroethane
Concen: 20.433 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion:	62	Resp:	45641
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	19.2

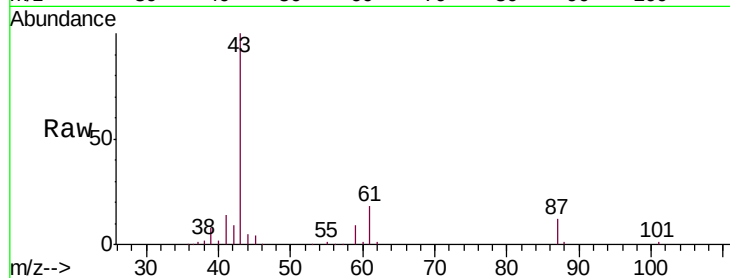




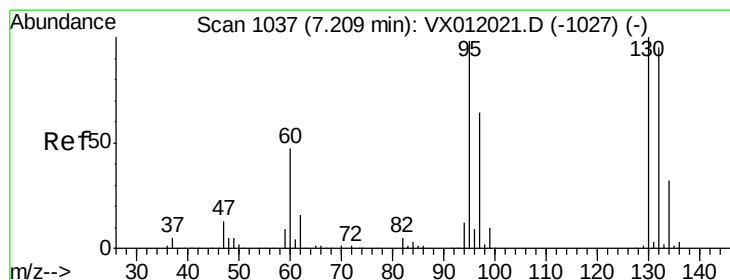
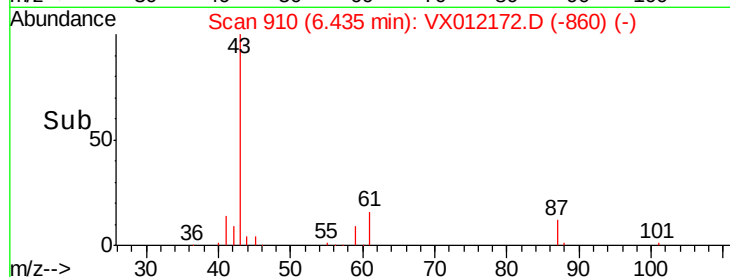
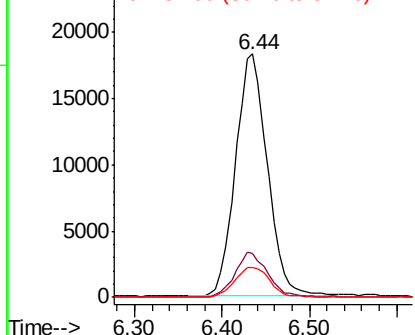
#43
Isopropyl Acetate
Concen: 19.333 ug/l
RT: 6.44 min Scan# 910
Delta R.T. 0.01 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD01

Tgt Ion: 43 Resp: 46220
Ion Ratio Lower Upper
43 100
61 19.4 16.1 24.1
87 13.6 11.3 16.9

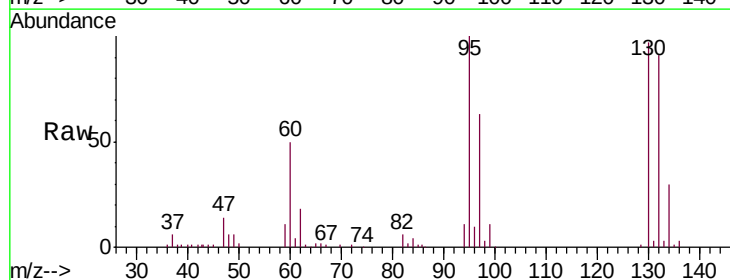


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

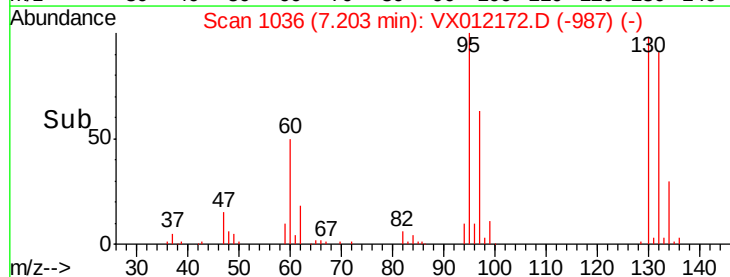
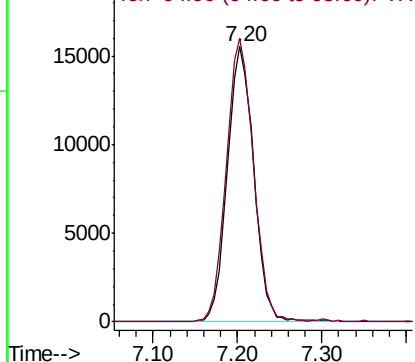


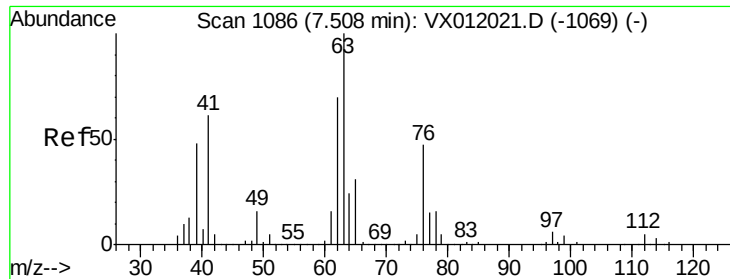
#44
Trichloroethene
Concen: 19.637 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion: 130 Resp: 32876
Ion Ratio Lower Upper
130 100
95 102.8 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

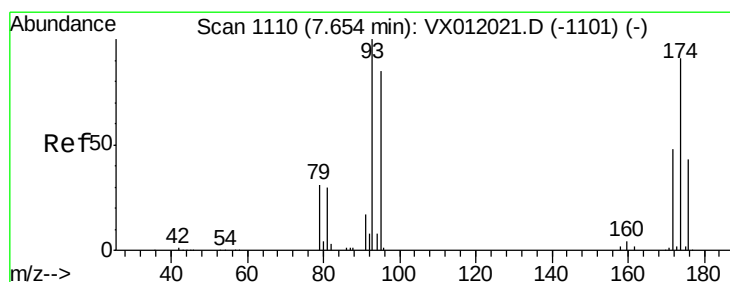
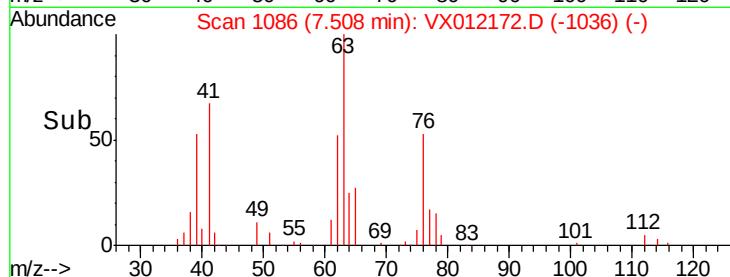
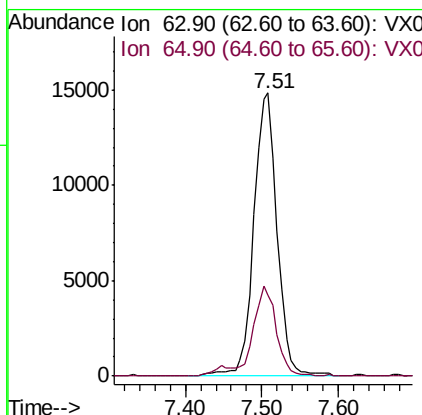
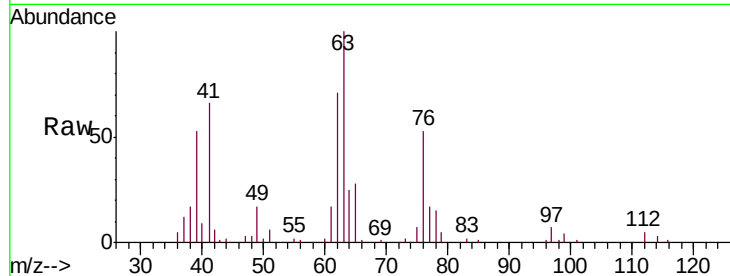




#45
 1,2-Dichloropropane
 Concen: 19.689 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.01 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

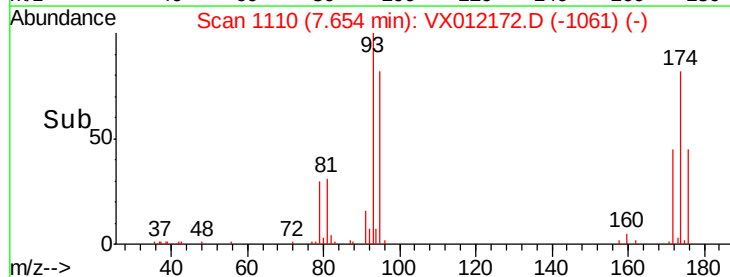
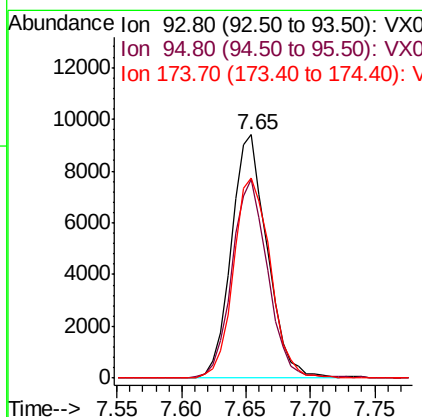
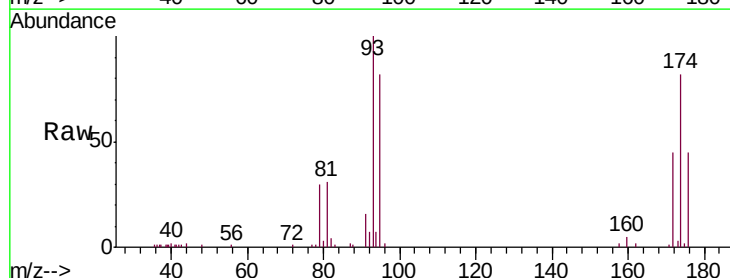
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD01

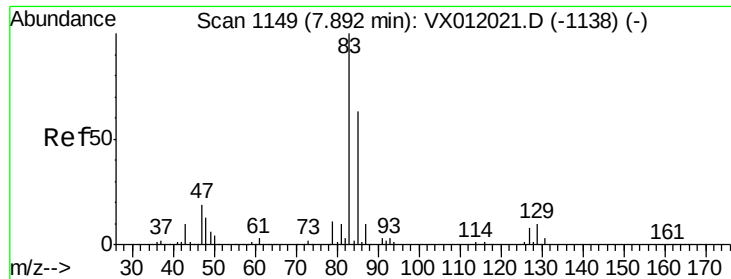
Tgt Ion: 63 Resp: 31575
 Ion Ratio Lower Upper
 63 100
 65 28.5 25.0 37.6



#46
 Dibromomethane
 Concen: 19.435 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Tgt Ion: 93 Resp: 18195
 Ion Ratio Lower Upper
 93 100
 95 81.6 66.2 99.2
 174 84.0 110.2 165.4#





#47

Bromodichloromethane

Concen: 20.055 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD01

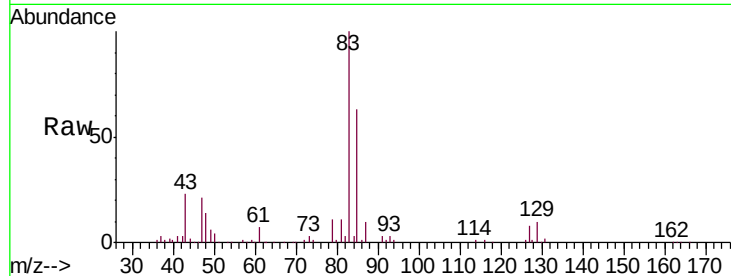
Tgt Ion: 83 Resp: 47724

Ion Ratio Lower Upper

83 100

85 62.6 50.3 75.5

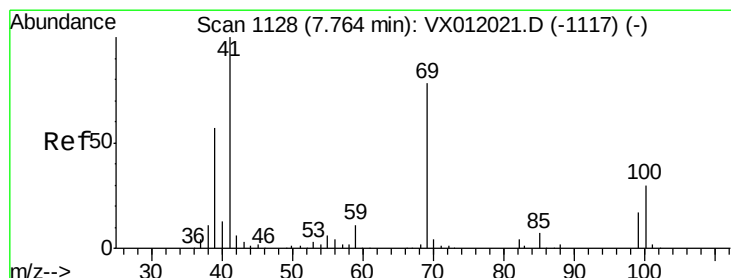
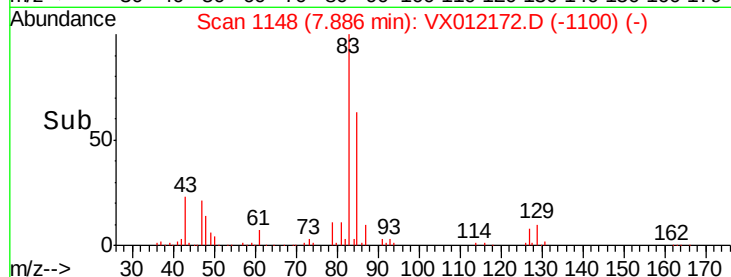
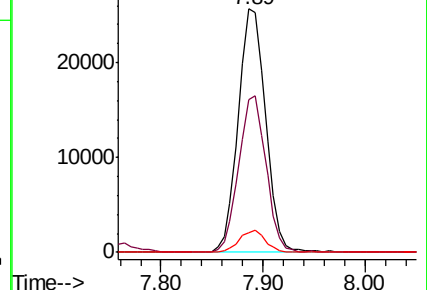
127 7.9 8.1 12.1#



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: 18.915 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

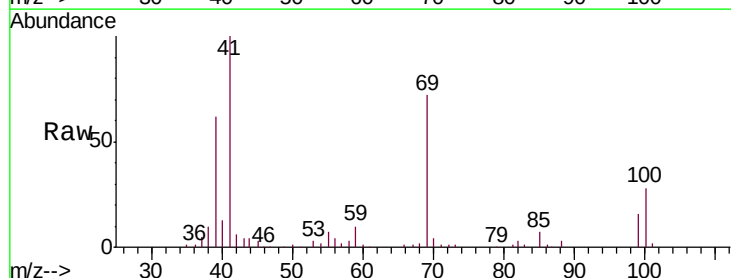
Tgt Ion: 41 Resp: 22737

Ion Ratio Lower Upper

41 100

69 76.4 66.3 99.5

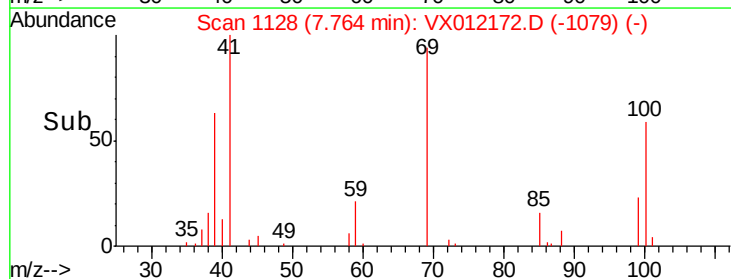
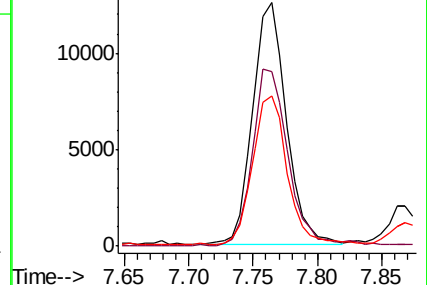
39 62.7 48.1 72.1

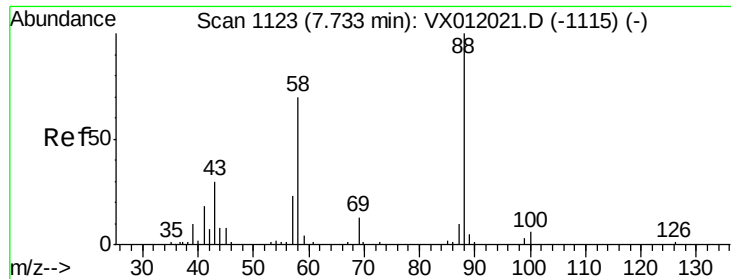


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

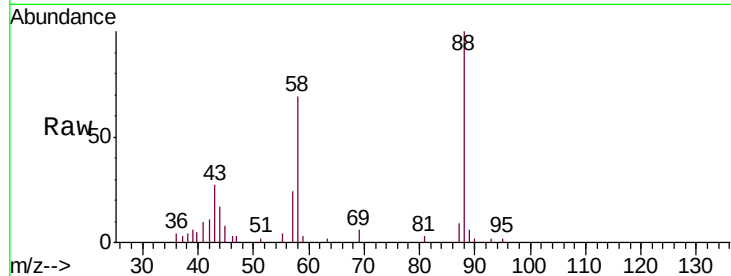




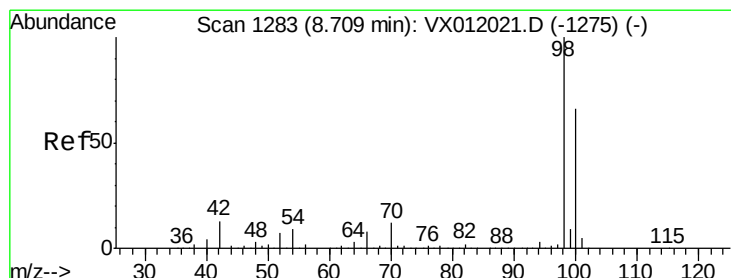
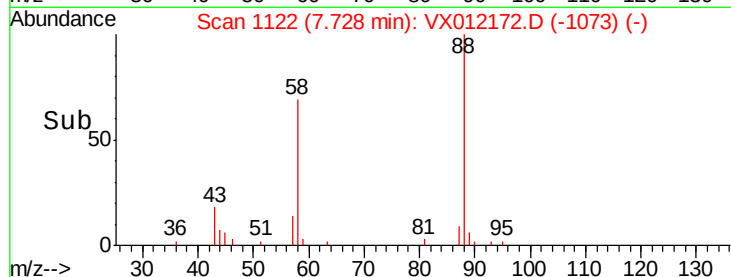
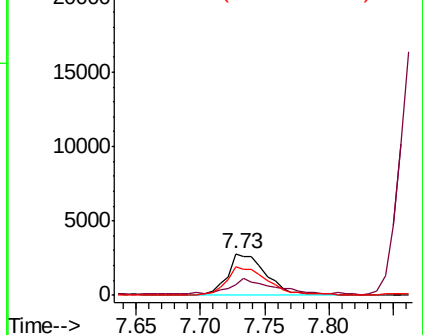
#49
1,4-Dioxane
Concen: 354.064 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS01

Tgt Ion: 88 Resp: 5802
Ion Ratio Lower Upper
88 100
43 38.4 29.8 44.6
58 73.1 55.4 83.2

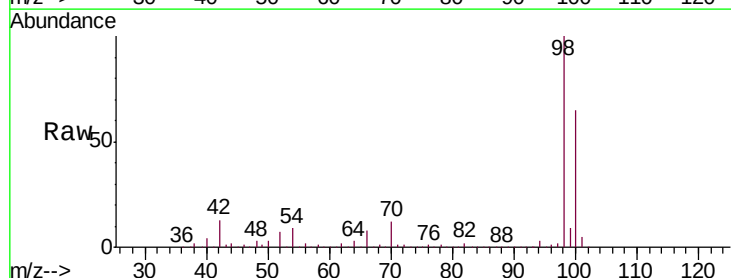


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

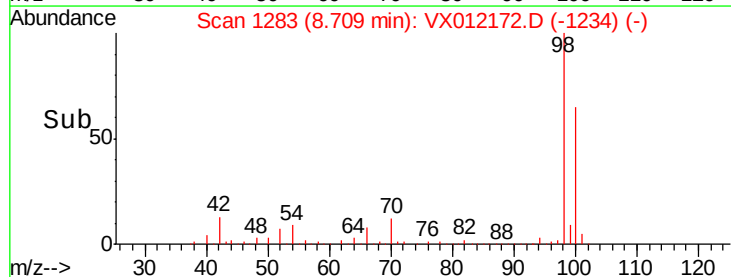
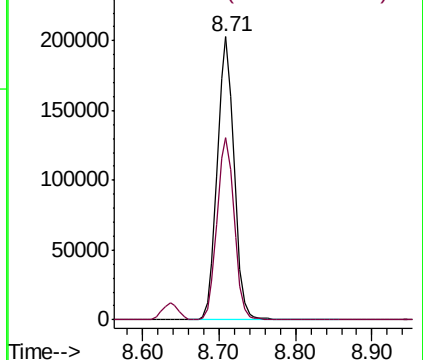


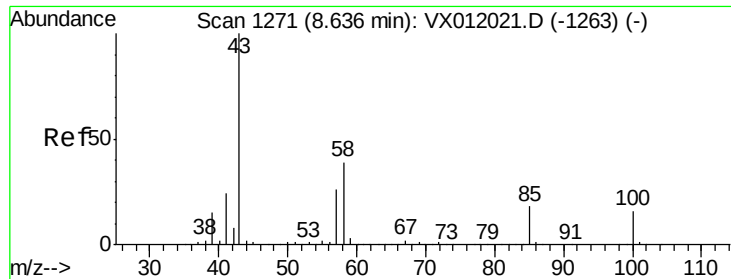
#50
Toluene-d8
Concen: 56.030 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion: 98 Resp: 310403
Ion Ratio Lower Upper
98 100
100 65.7 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 97.315 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

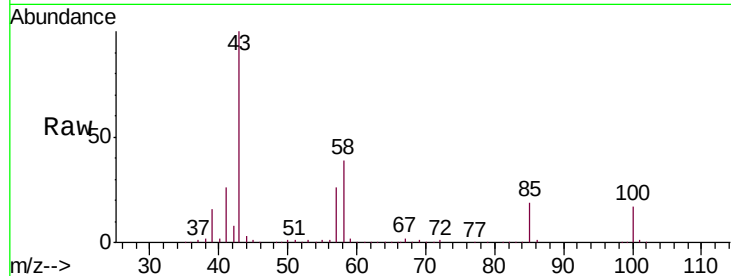
VX0907SBSD01

Tgt Ion: 43 Resp: 118337

Ion Ratio Lower Upper

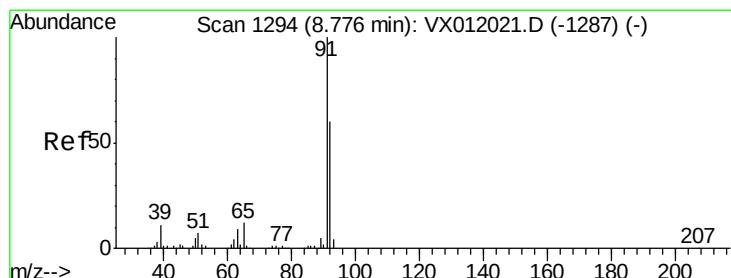
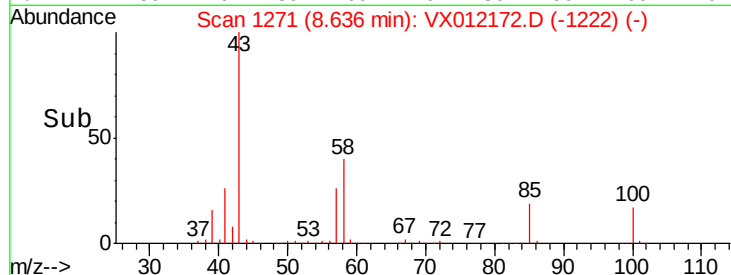
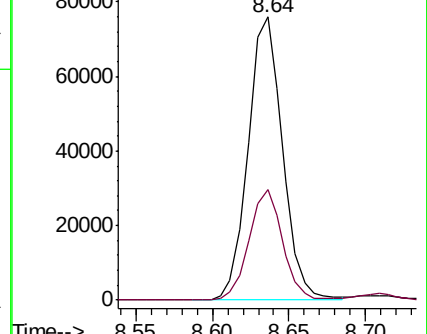
43 100

58 38.0 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.718 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012172.D

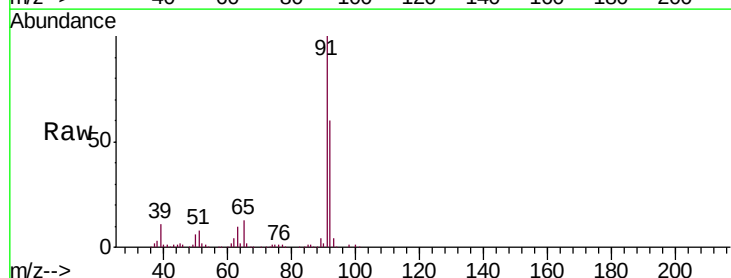
Acq: 07 Sep 2019 13:15

Tgt Ion: 92 Resp: 79633

Ion Ratio Lower Upper

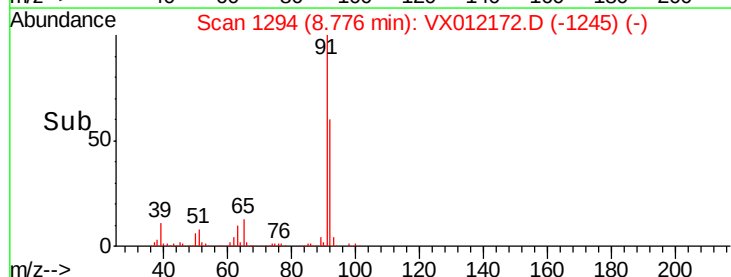
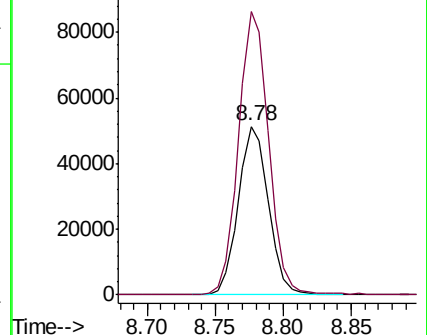
92 100

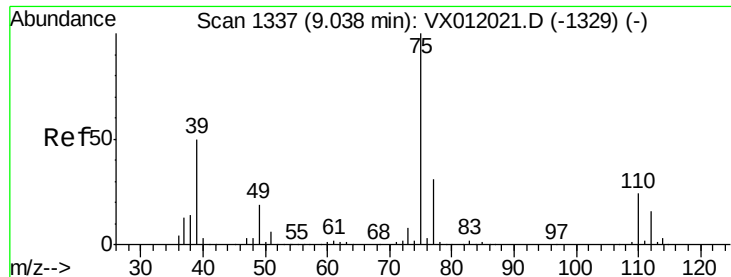
91 168.0 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

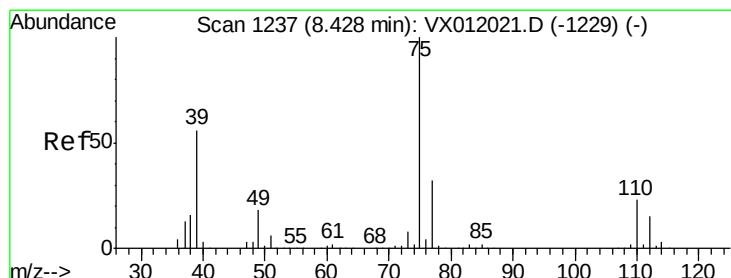
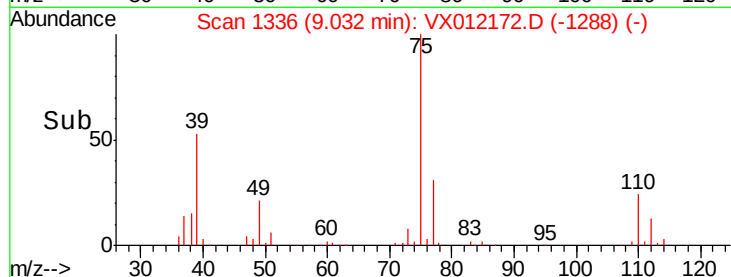
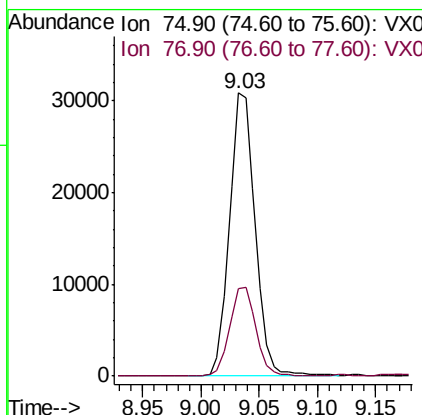
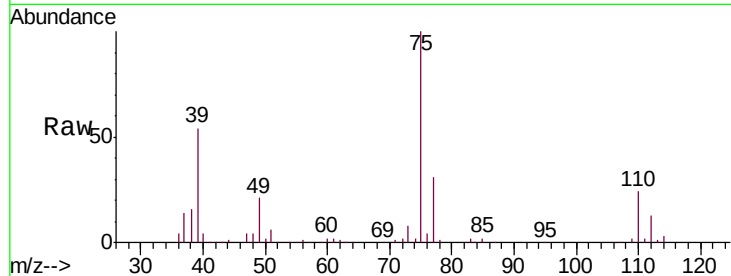




#53
 t-1,3-Dichloropropene
 Concen: 19.228 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

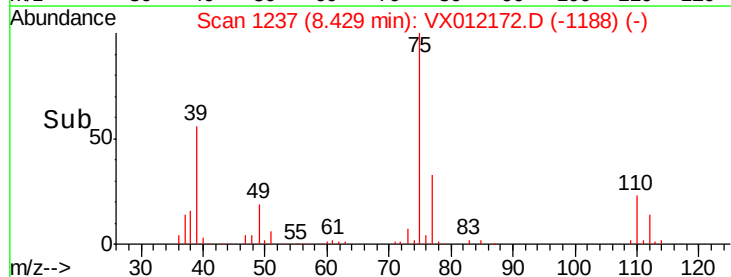
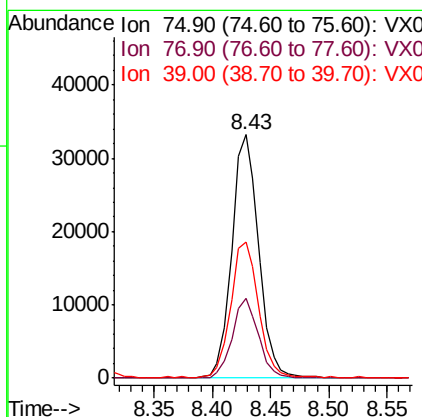
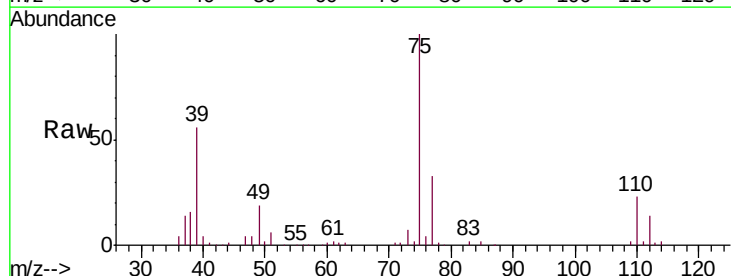
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS01

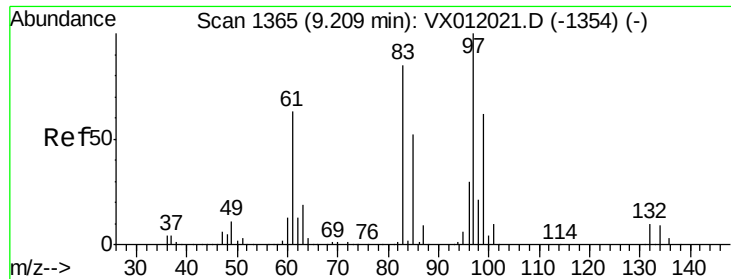
Tgt Ion: 75 Resp: 47372
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.499 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Tgt Ion: 75 Resp: 53421
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.5 38.3
 39 55.7 43.0 64.4

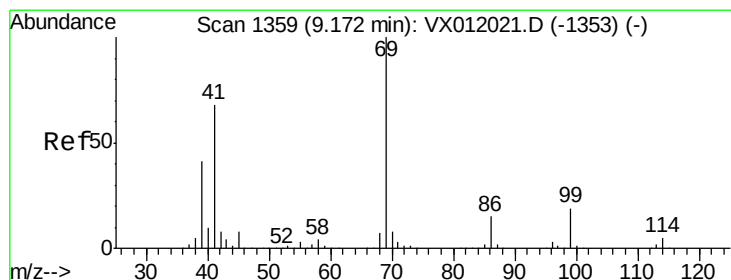
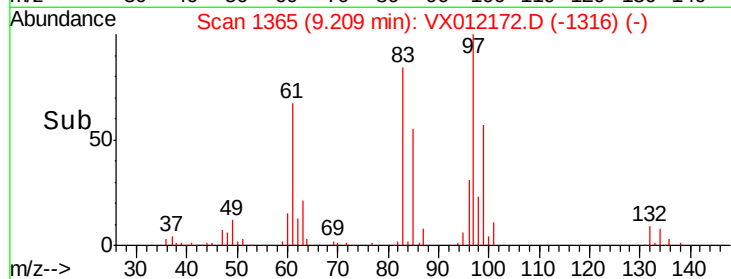
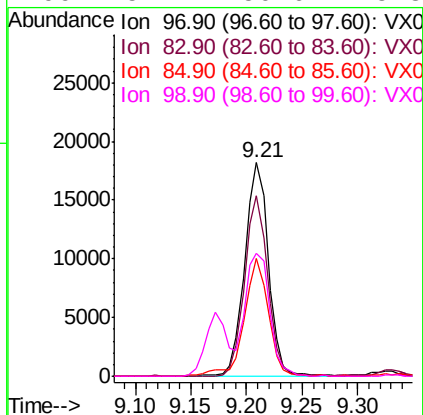
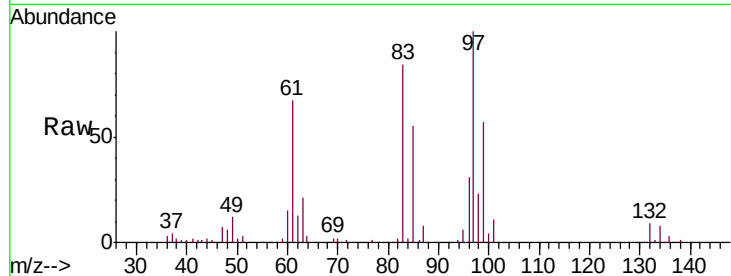




#55
 1,1,2-Trichloroethane
 Concen: 20.141 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

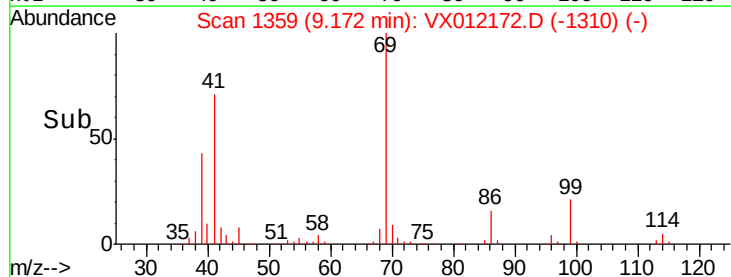
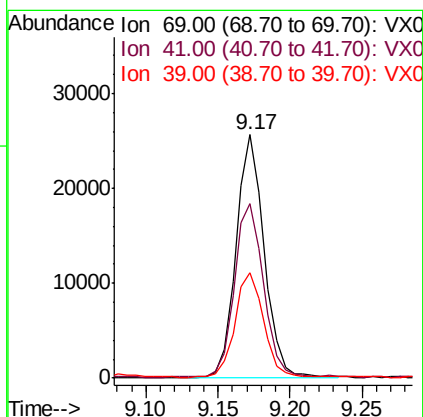
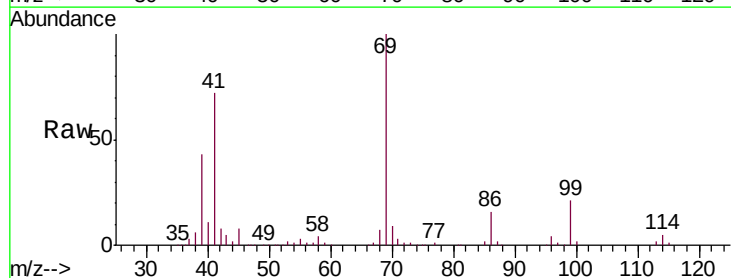
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS01

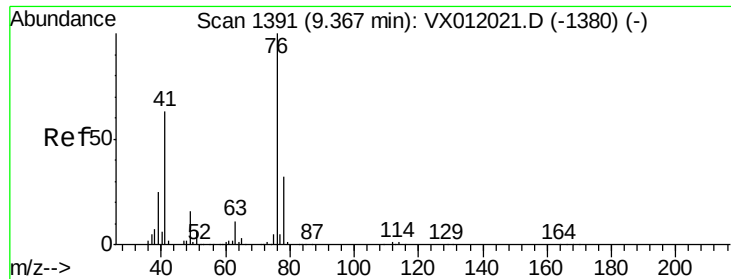
Tgt Ion:	97	Resp:	26957
Ion	Ratio	Lower	Upper
97	100		
83	84.3	66.0	99.0
85	55.0	41.0	61.6
99	57.4	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 18.250 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Tgt Ion:	69	Resp:	34988
Ion	Ratio	Lower	Upper
69	100		
41	75.5	53.9	80.9
39	43.2	31.1	46.7

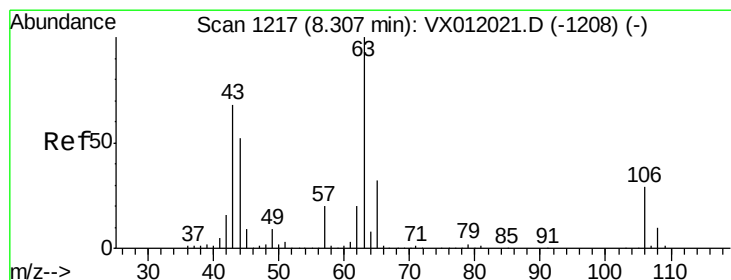
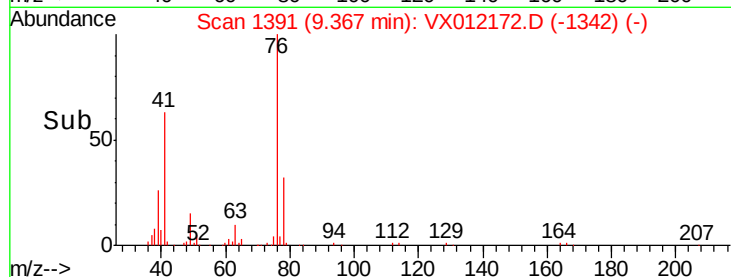
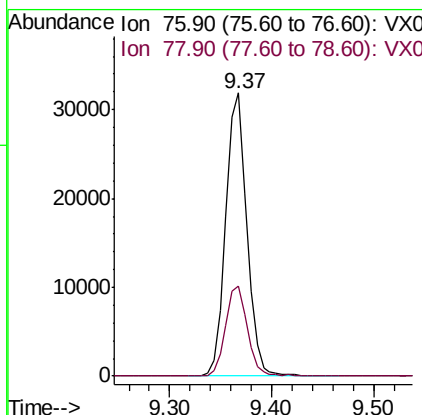
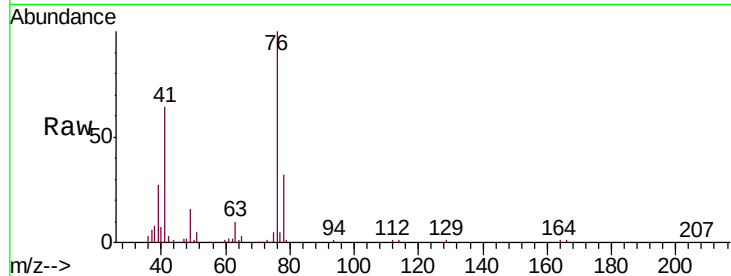




#57
 1,3-Dichloropropane
 Concen: 19.778 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

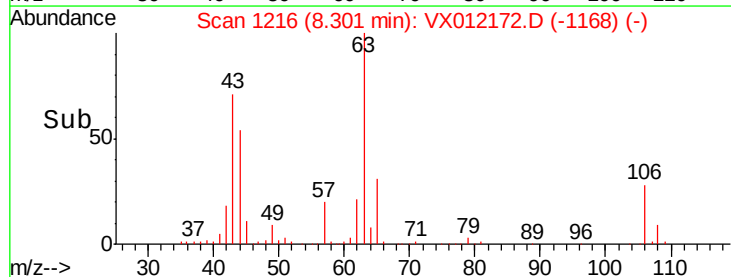
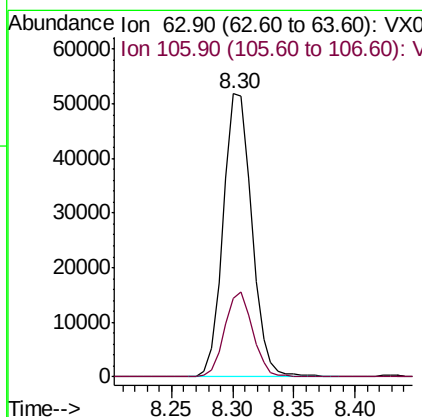
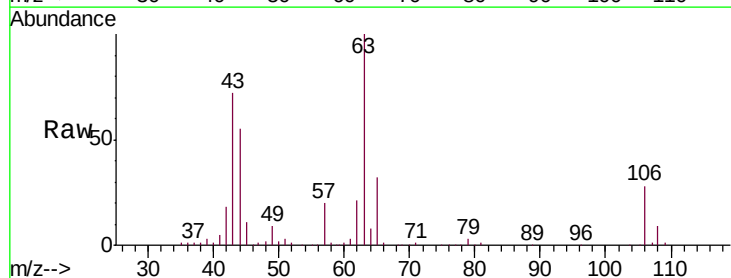
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS01

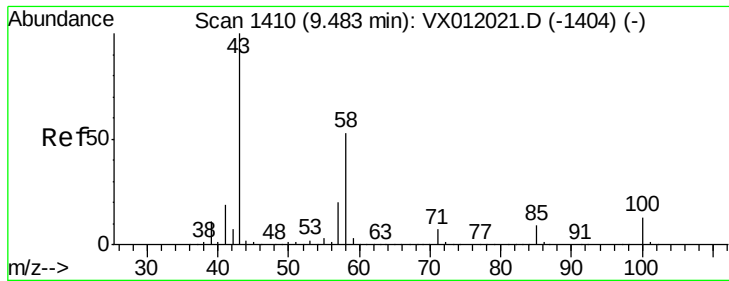
Tgt Ion: 76 Resp: 45679
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.431 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Tgt Ion: 63 Resp: 84211
 Ion Ratio Lower Upper
 63 100
 106 29.3 26.5 39.7

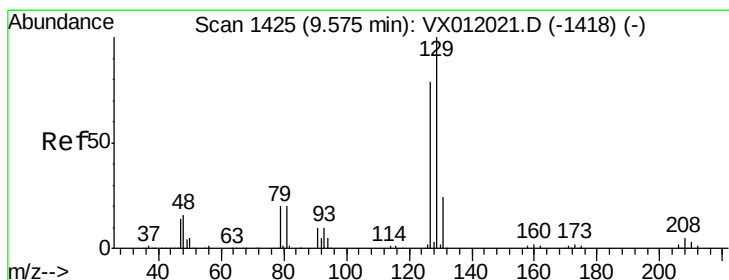
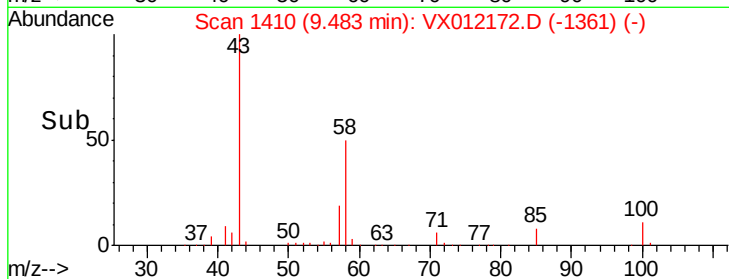
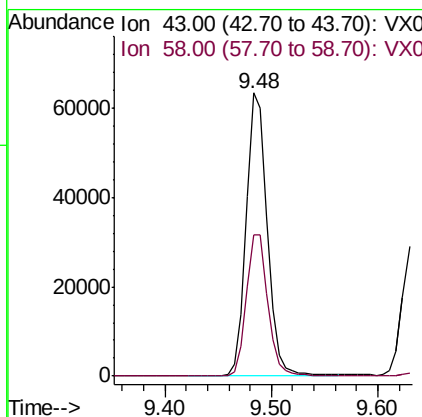
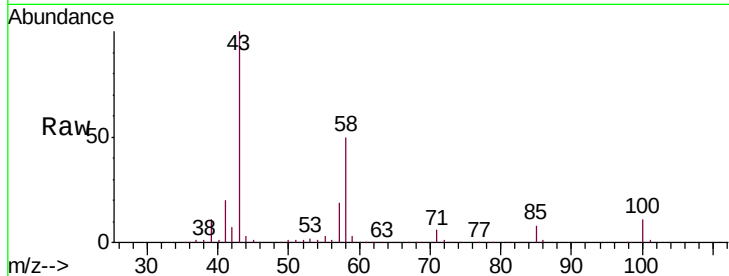




#59
2-Hexanone
Concen: 99.447 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

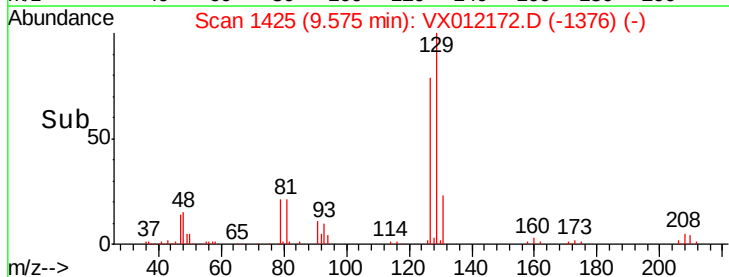
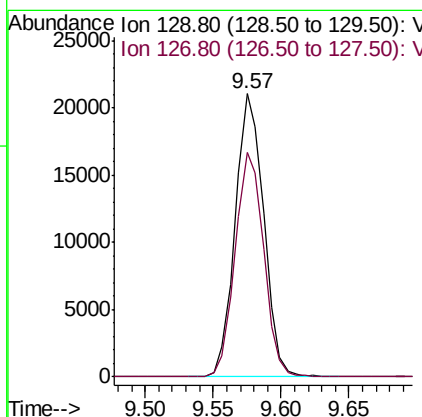
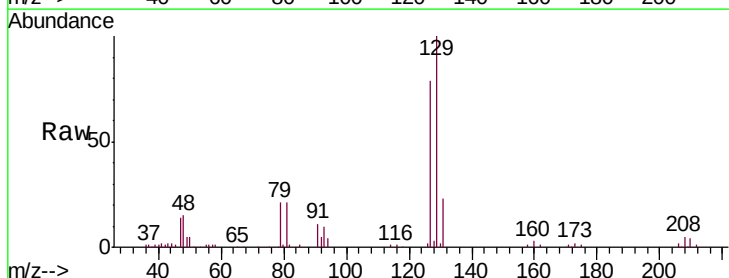
Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD01

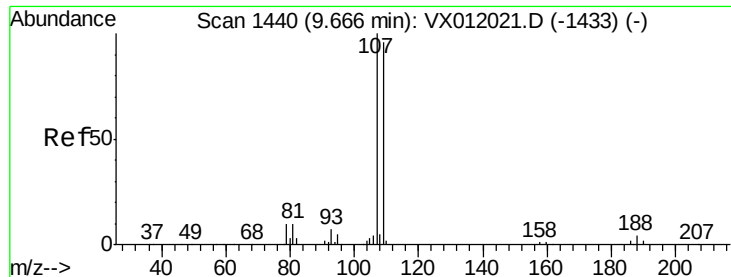
Tgt Ion: 43 Resp: 88239
Ion Ratio Lower Upper
43 100
58 51.8 27.2 81.6



#60
Dibromochloromethane
Concen: 19.230 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion: 129 Resp: 30674
Ion Ratio Lower Upper
129 100
127 79.7 38.1 114.5





#61

1,2-Dibromoethane

Concen: 19.339 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

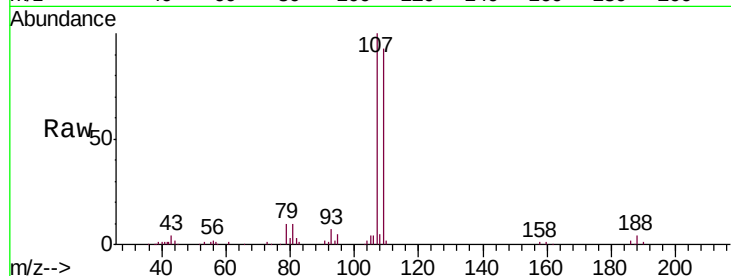
VX0907SBSD01

Tgt Ion: 107 Resp: 25011

Ion Ratio Lower Upper

107 100

109 93.4 76.9 115.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

20000

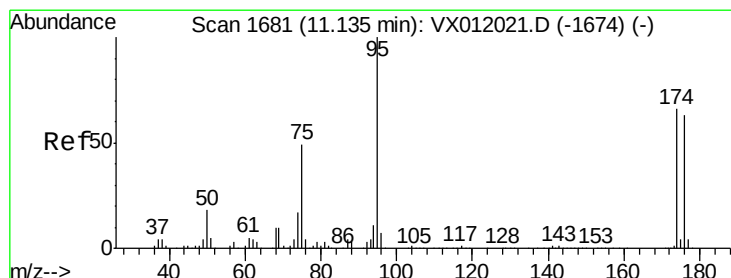
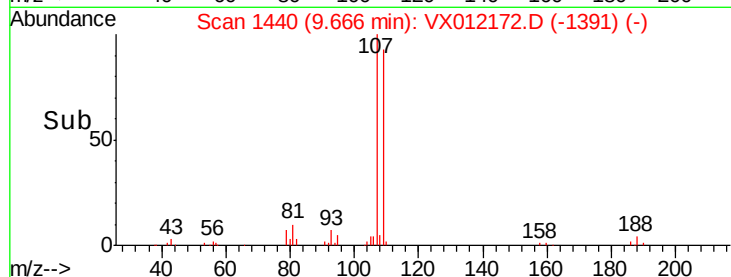
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.862 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

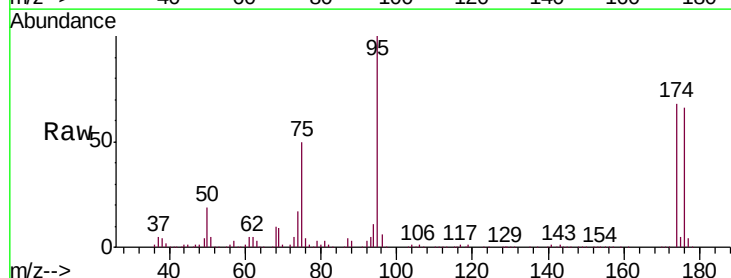
Tgt Ion: 95 Resp: 133618

Ion Ratio Lower Upper

95 100

174 64.7 0.0 205.4

176 62.3 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

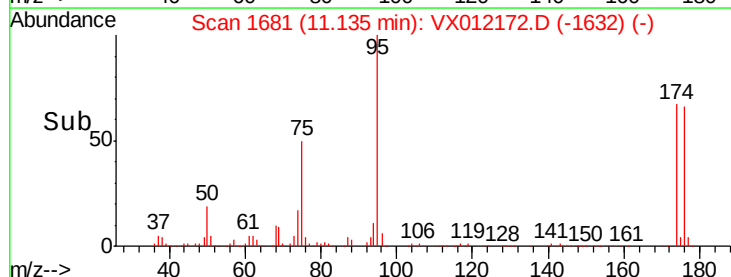
11.14

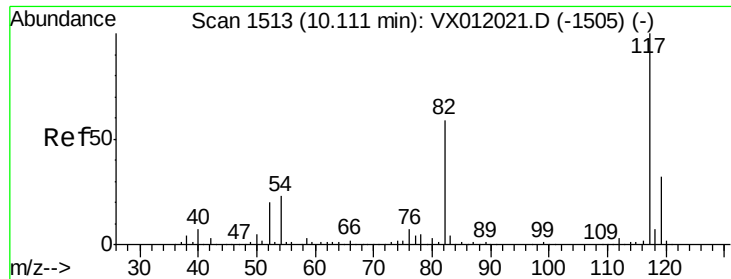
100000

50000

0

Time-->

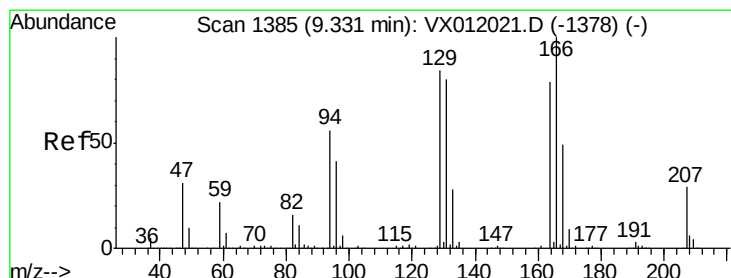
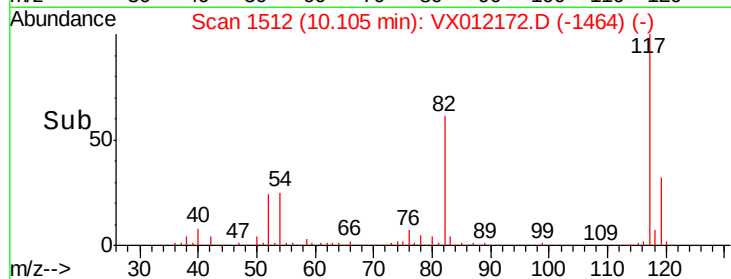
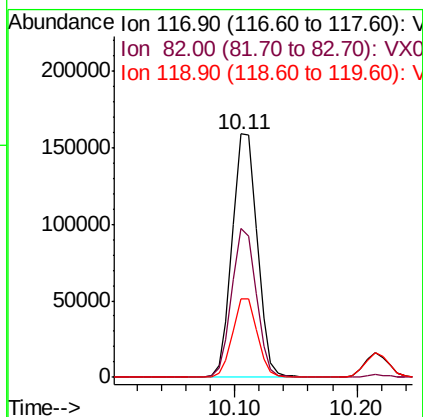
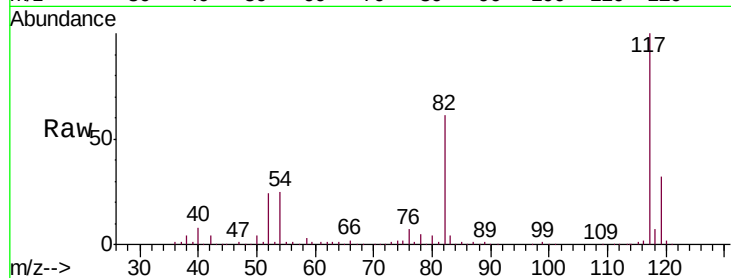




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

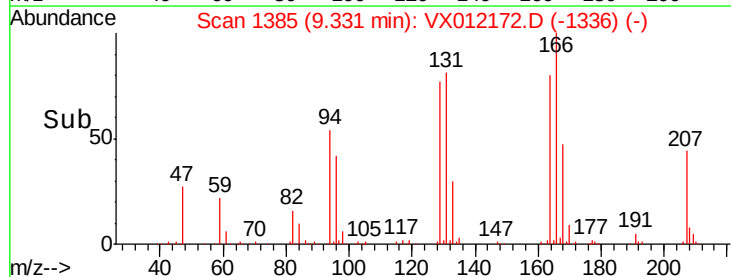
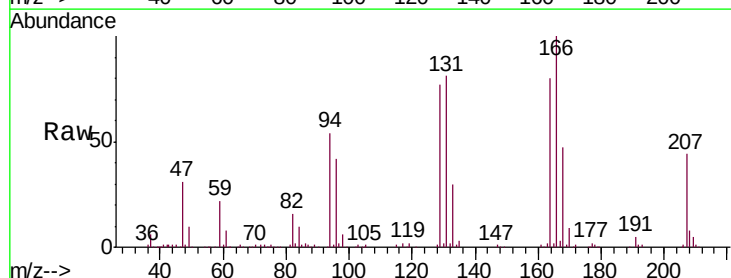
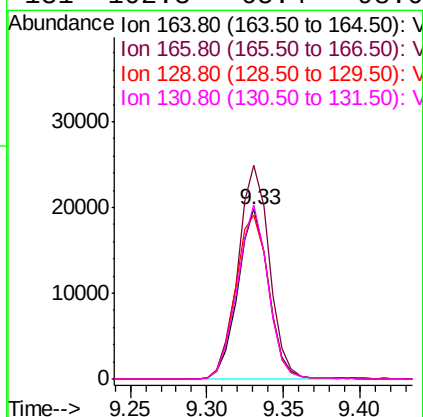
Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD01

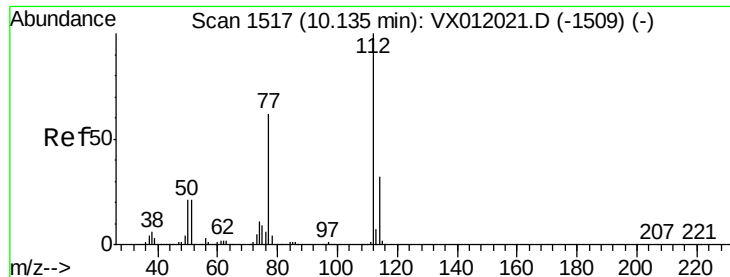
Tgt Ion:117 Resp: 224485
Ion Ratio Lower Upper
117 100
82 61.2 39.4 59.0#
119 32.0 26.1 39.1



#64
Tetrachloroethene
Concen: 19.707 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion:164 Resp: 27581
Ion Ratio Lower Upper
164 100
166 125.6 104.3 156.5
129 96.7 68.3 102.5
131 102.3 65.4 98.0#

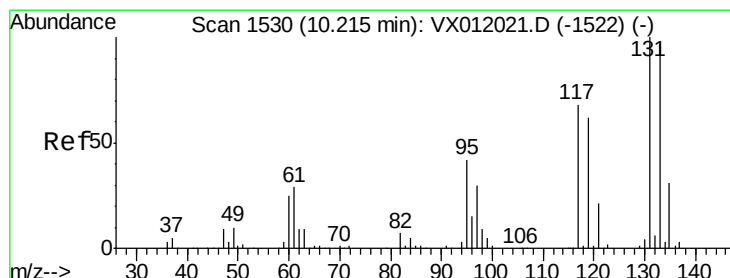
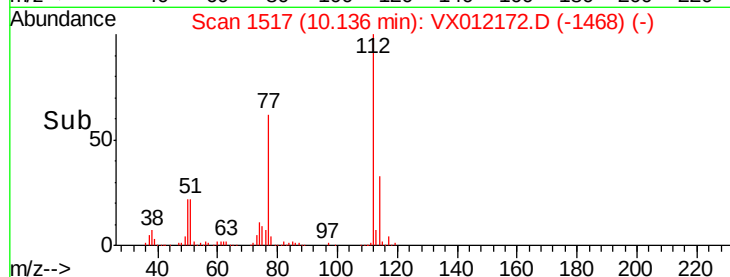
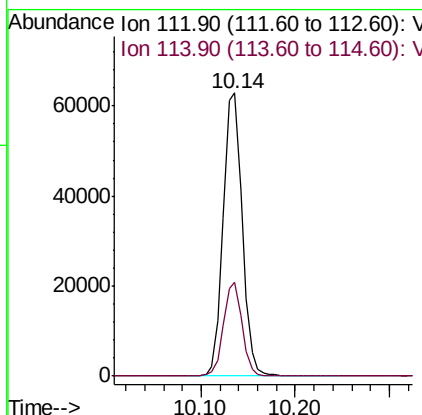
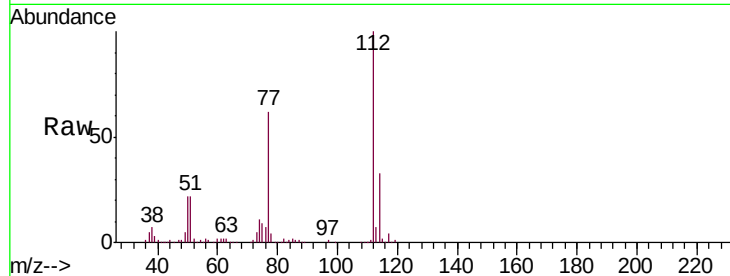




#65
Chlorobenzene
Concen: 19.947 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

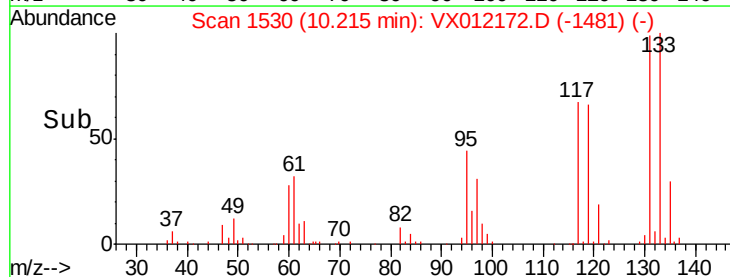
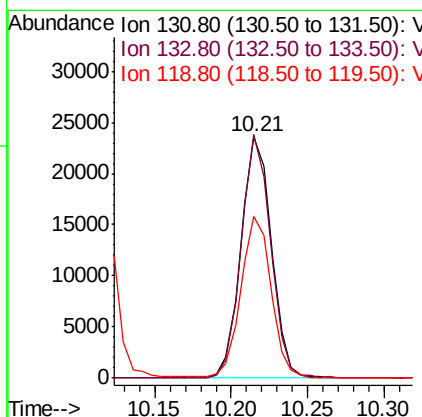
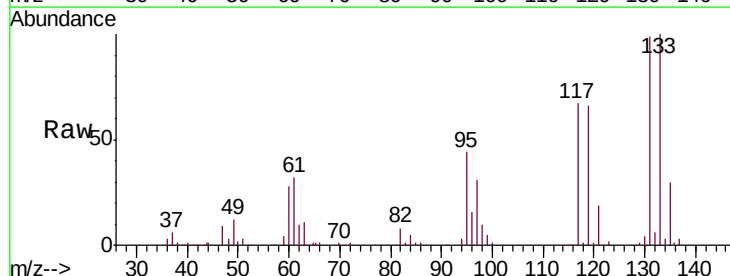
Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD01

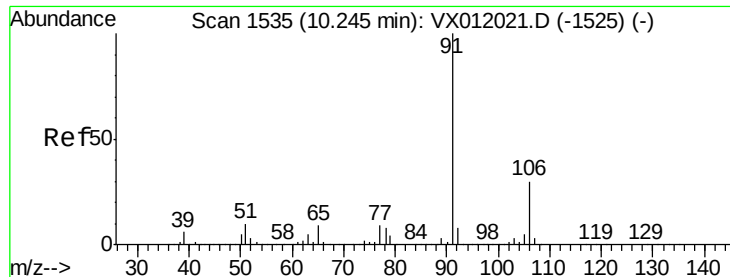
Tgt Ion:112 Resp: 88348
Ion Ratio Lower Upper
112 100
114 33.0 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.145 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion:131 Resp: 32625
Ion Ratio Lower Upper
131 100
133 97.3 48.4 145.0
119 66.7 30.5 91.5

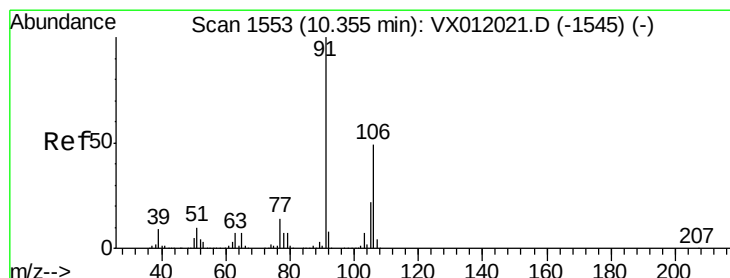
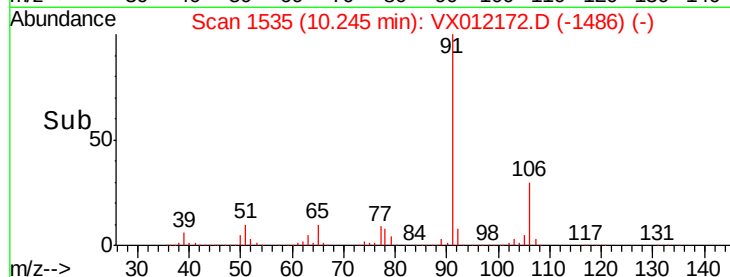
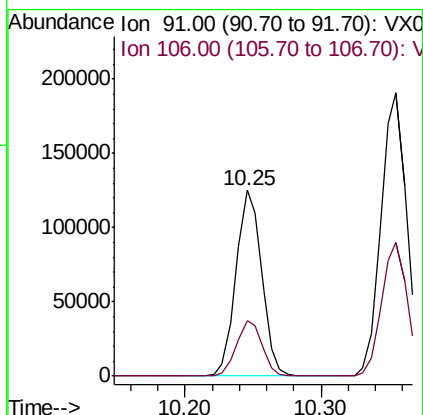
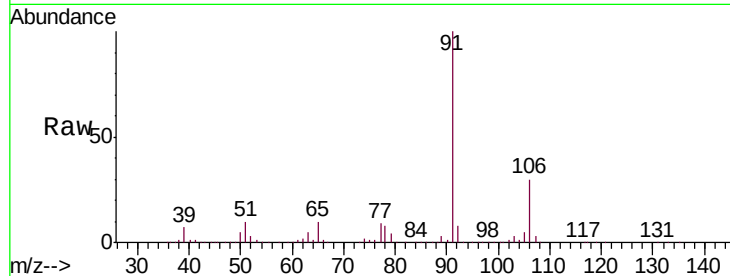




#67
Ethyl Benzene
Concen: 20.378 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

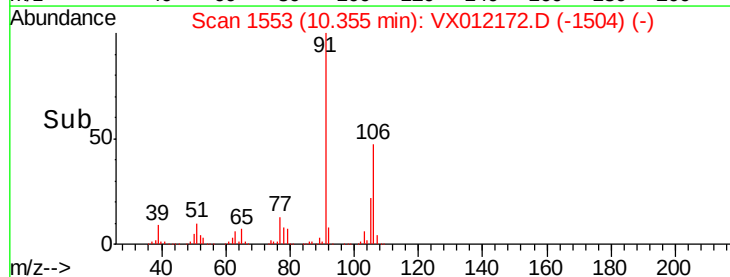
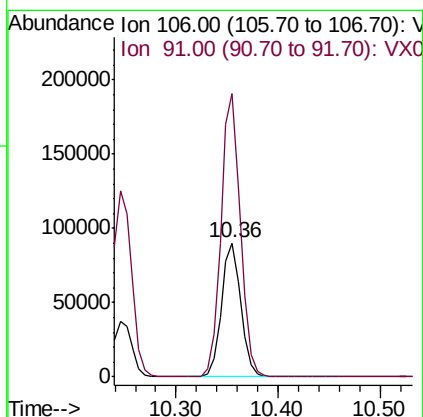
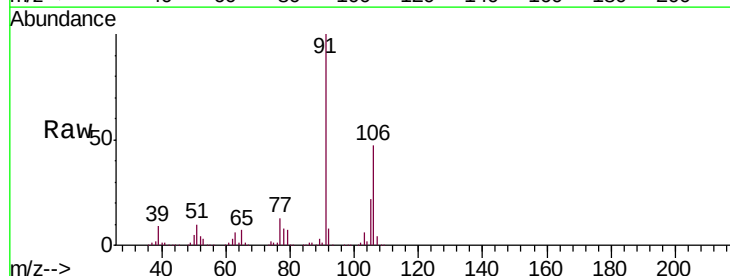
Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS01

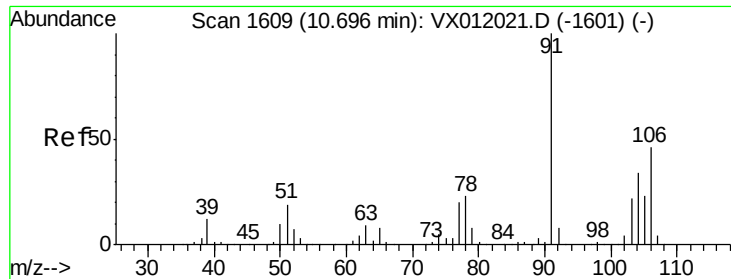
Tgt Ion: 91 Resp: 164524
Ion Ratio Lower Upper
91 100
106 29.8 25.8 38.8



#68
m/p-Xylenes
Concen: 40.190 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion: 106 Resp: 119552
Ion Ratio Lower Upper
106 100
91 210.5 157.5 236.3

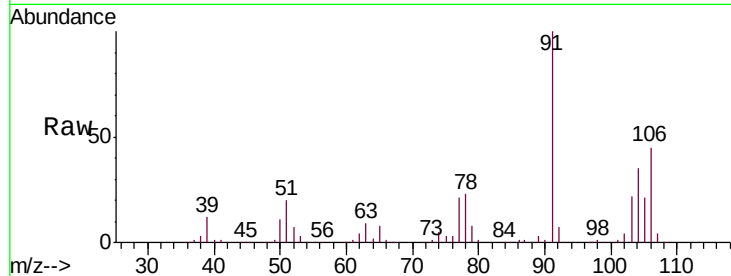




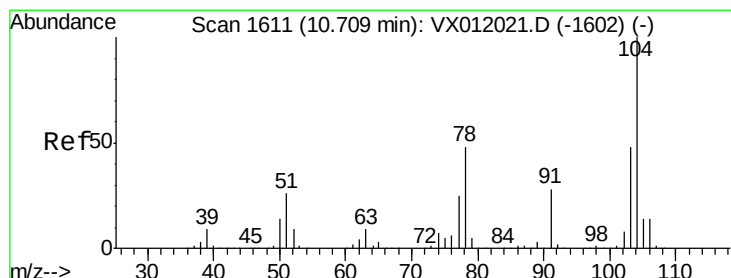
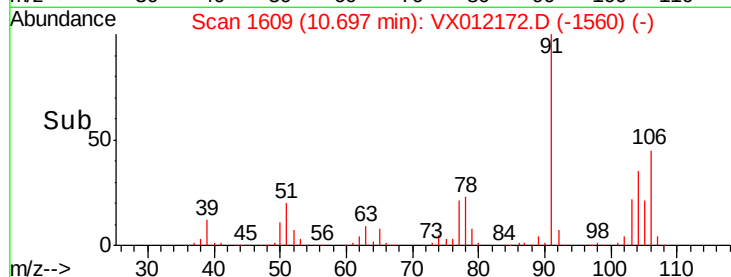
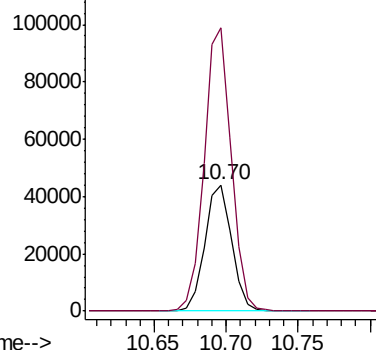
#69
o-Xylene
Concen: 19.918 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD01

Tgt Ion:106 Resp: 57454
Ion Ratio Lower Upper
106 100
91 225.4 103.5 310.3

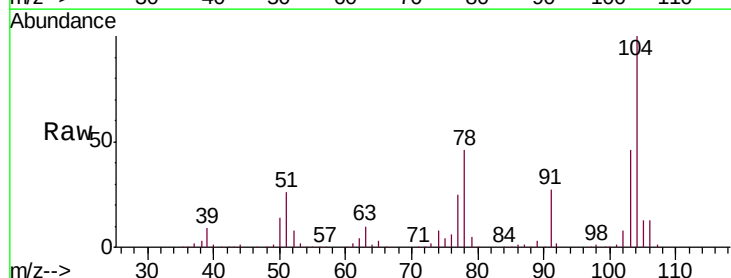


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

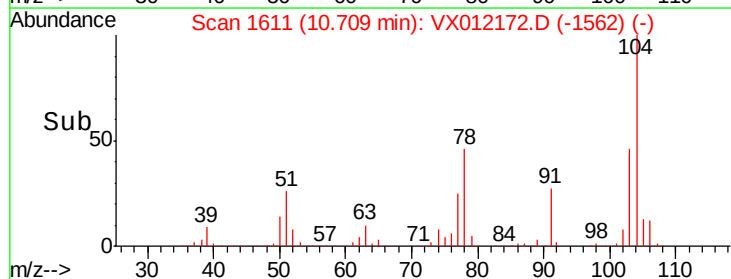
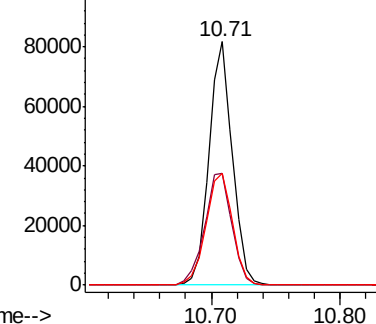


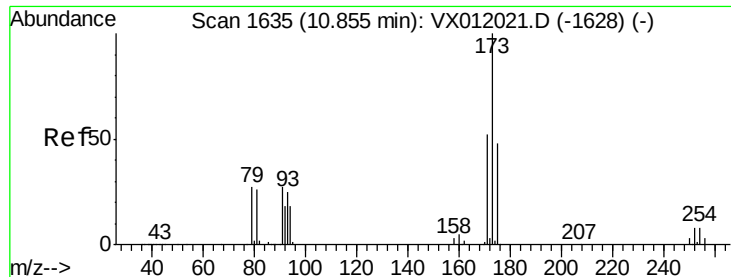
#70
Styrene
Concen: 20.521 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012172.D
Acq: 07 Sep 2019 13:15

Tgt Ion:104 Resp: 102814
Ion Ratio Lower Upper
104 100
78 54.3 39.1 58.7
103 52.5 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: 18.449 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD01

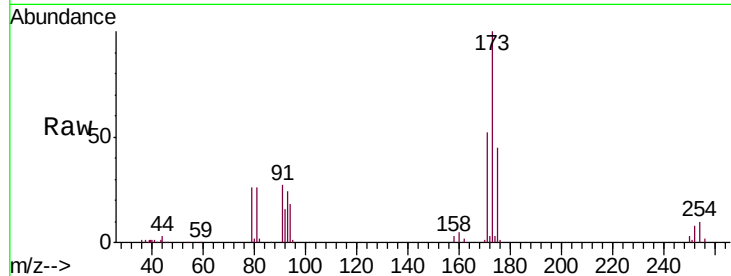
Tgt Ion:173 Resp: 16411

Ion Ratio Lower Upper

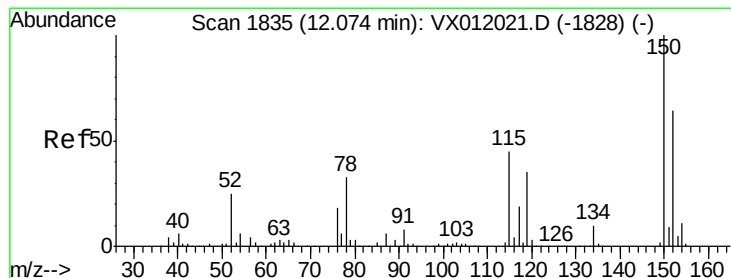
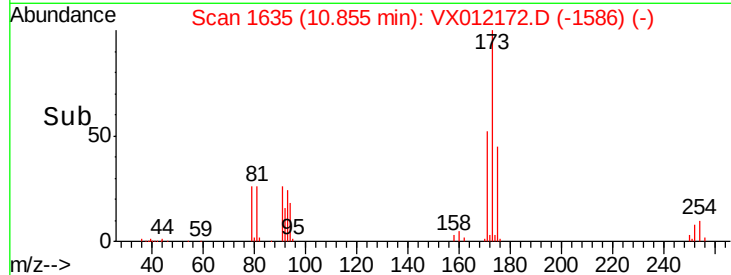
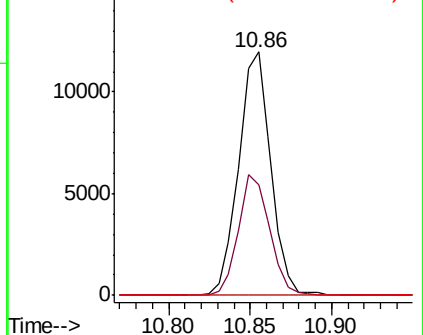
173 100

175 48.2 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: VX012172.D

Acq: 07 Sep 2019 13:15

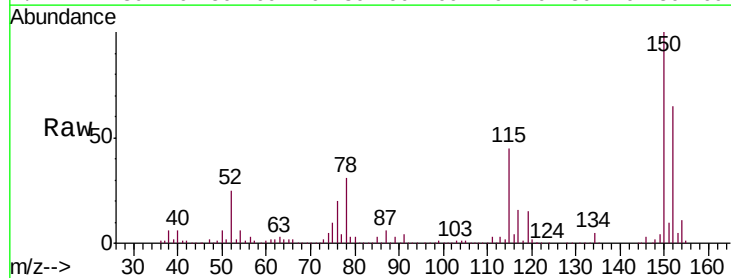
Tgt Ion:152 Resp: 112280

Ion Ratio Lower Upper

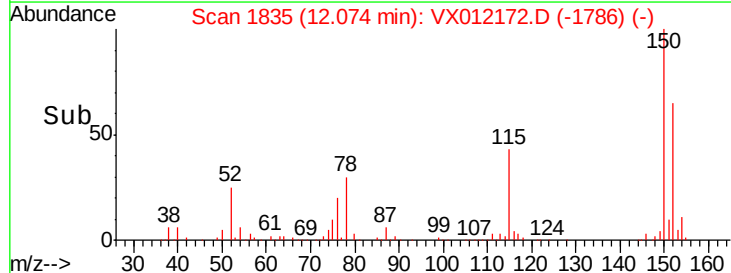
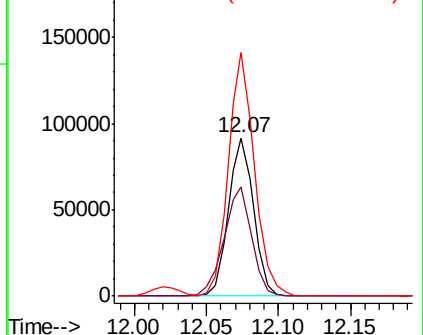
152 100

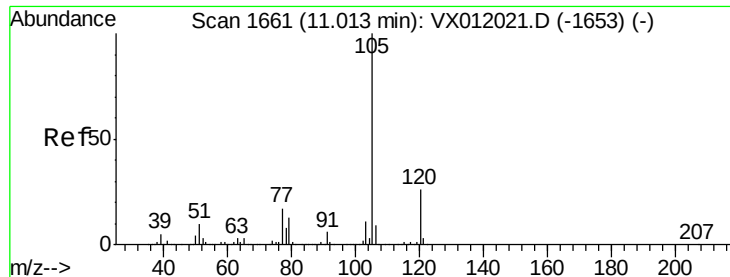
115 76.2 36.4 109.3

150 159.9 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: 20.001 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

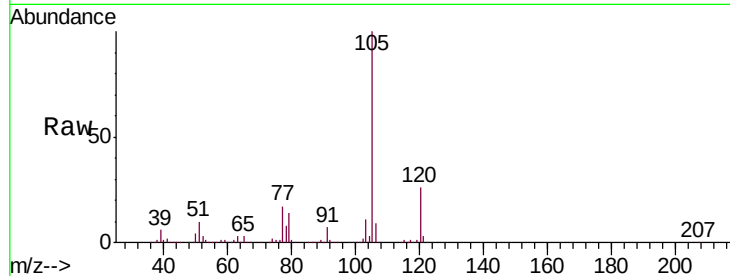
VX0907SBSD01

Tgt Ion: 105 Resp: 164770

Ion Ratio Lower Upper

105 100

120 25.3 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

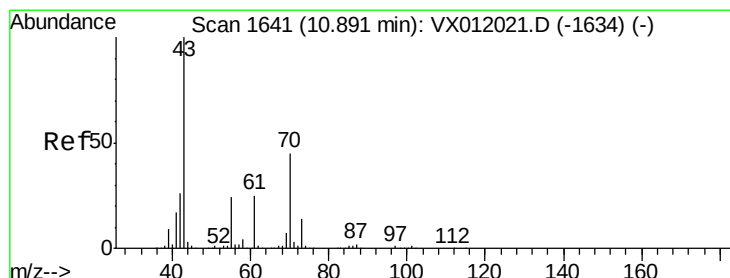
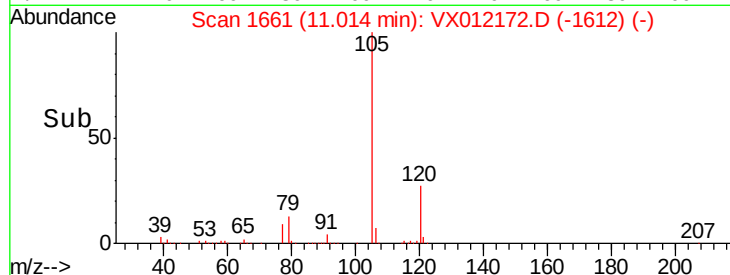
100000

50000

0

11.01

Time-->



#74

N-ethyl acetate

Concen: 18.243 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Tgt Ion: 43 Resp: 44436

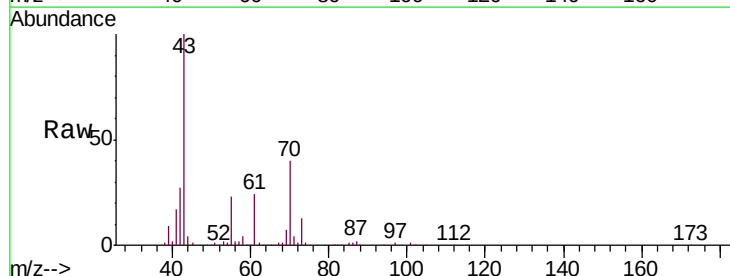
Ion Ratio Lower Upper

43 100

70 41.1 34.4 51.6

55 24.1 18.5 27.7

61 23.9 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

60000

50000

40000

30000

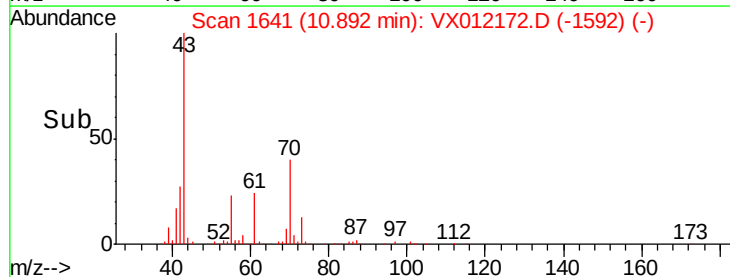
20000

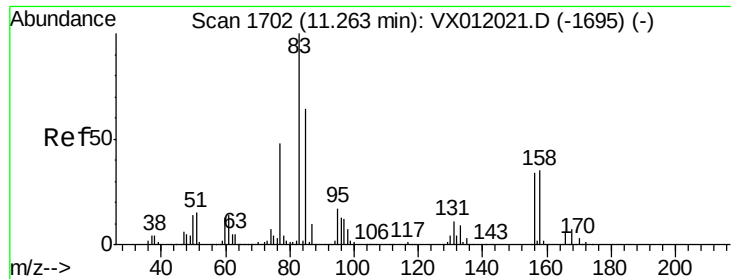
10000

0

10.89

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.490 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD01

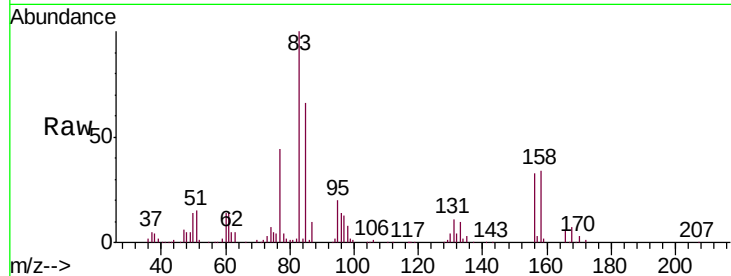
Tgt Ion: 83 Resp: 31755

Ion Ratio Lower Upper

83 100

131 10.9 6.3 19.1

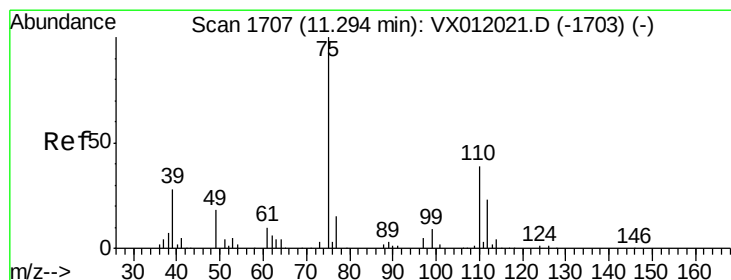
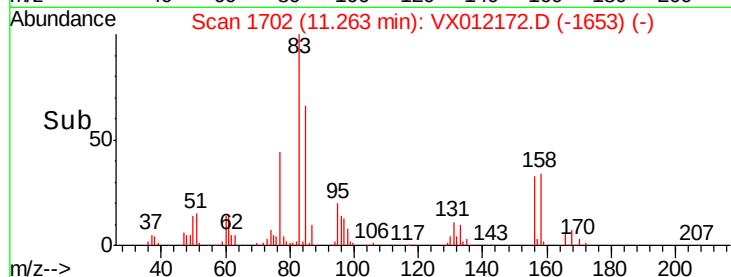
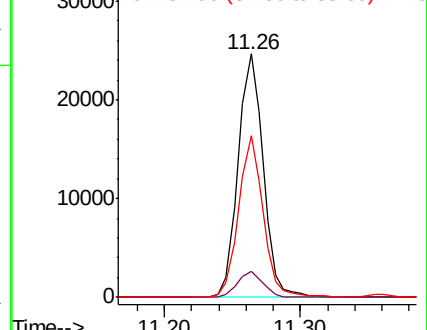
85 64.8 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.482 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012172.D

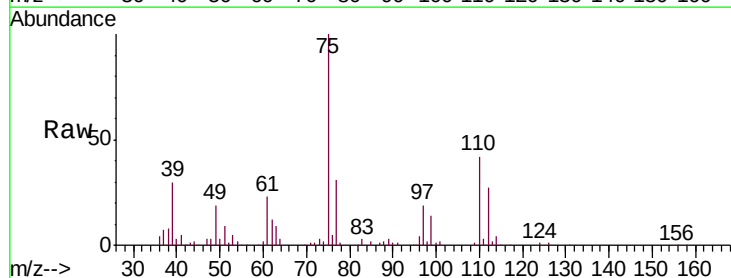
Acq: 07 Sep 2019 13:15

Tgt Ion: 75 Resp: 36330

Ion Ratio Lower Upper

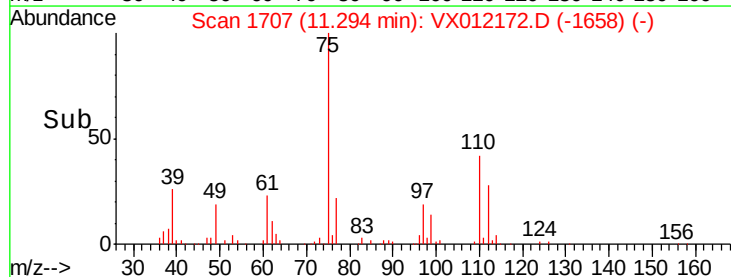
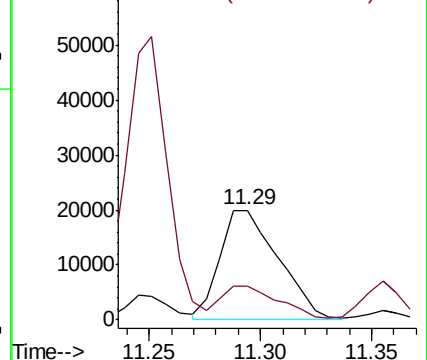
75 100

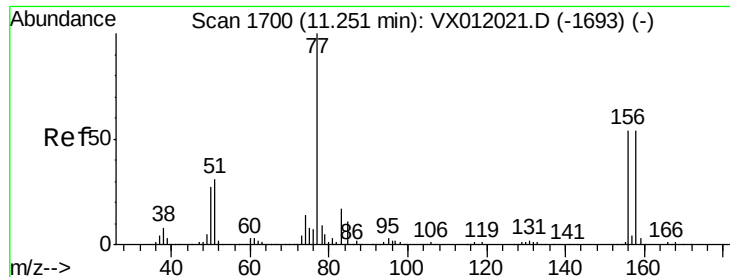
77 30.9 23.5 70.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.339 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD01

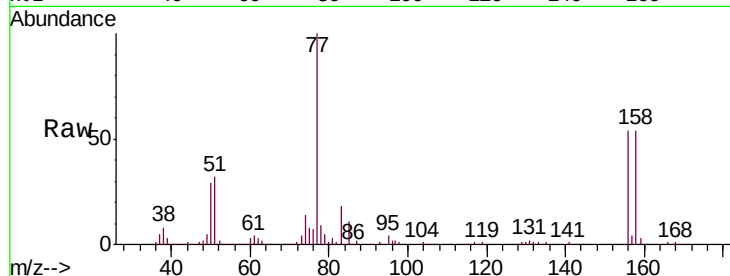
Tgt Ion:156 Resp: 35632

Ion Ratio Lower Upper

156 100

77 189.5 63.4 190.2

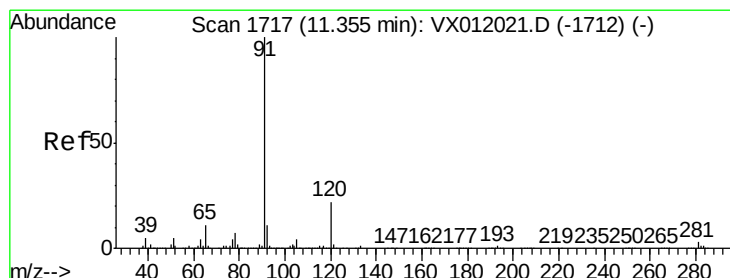
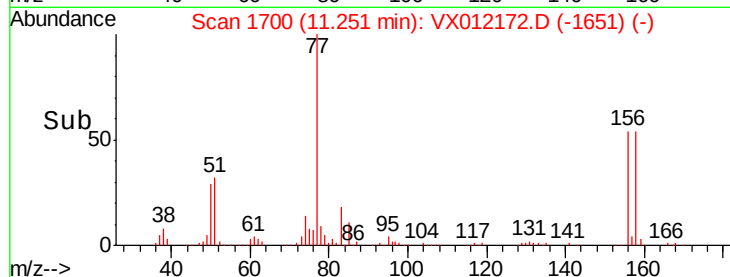
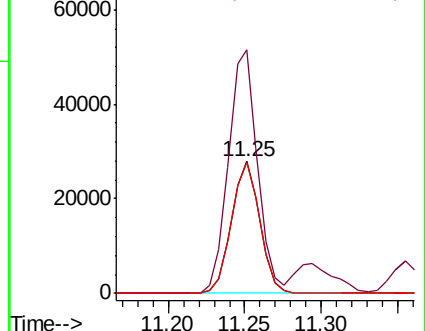
158 99.6 48.9 146.6



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: 20.146 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012172.D

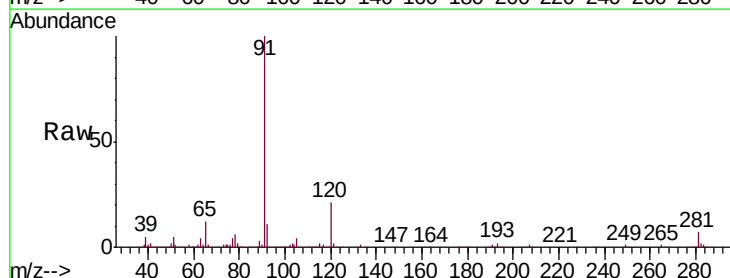
Acq: 07 Sep 2019 13:15

Tgt Ion: 91 Resp: 200502

Ion Ratio Lower Upper

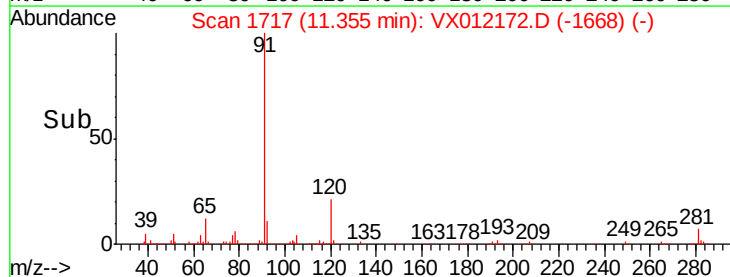
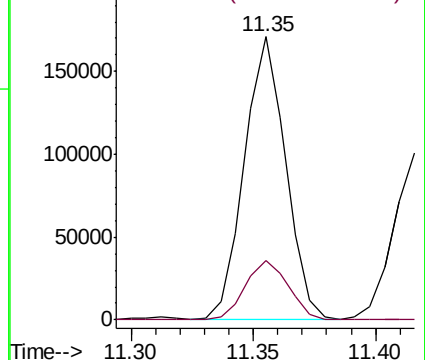
91 100

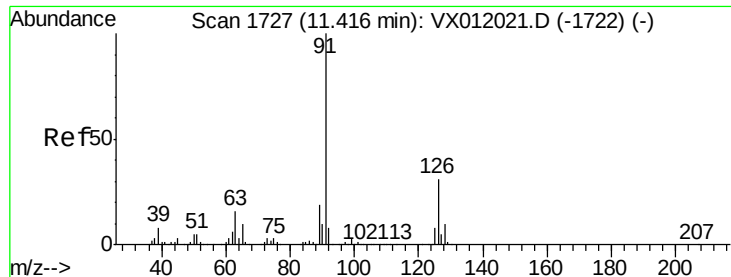
120 22.0 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

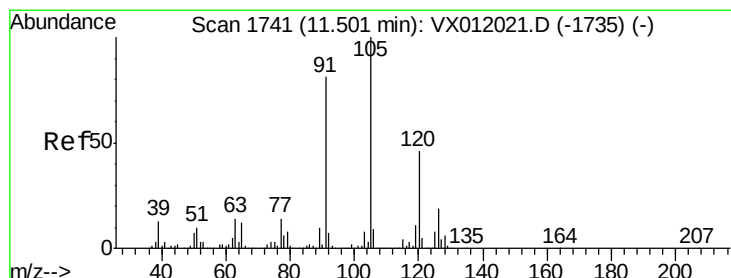
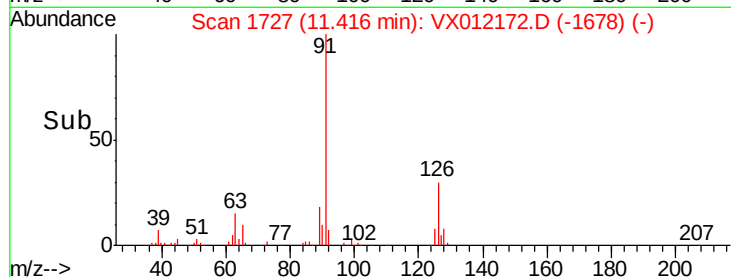
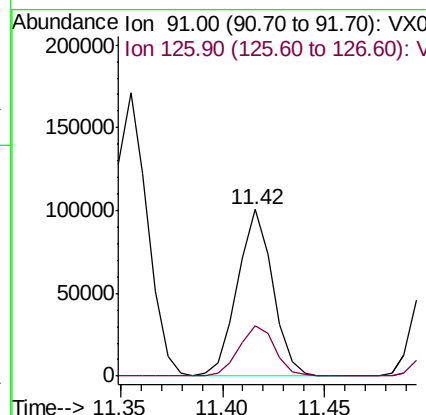
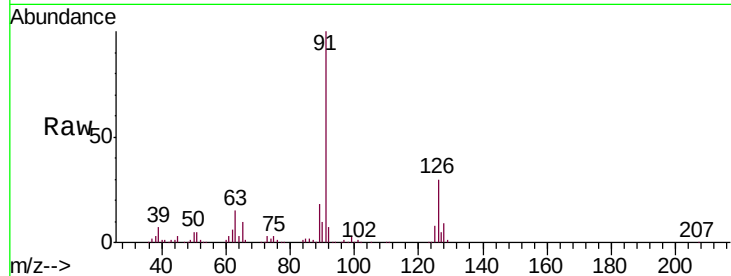




#79
 2-Chlorotoluene
 Concen: 19.858 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

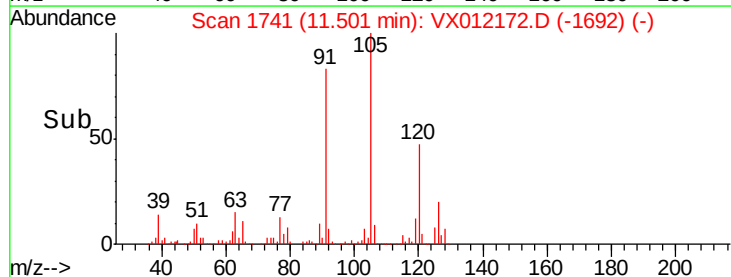
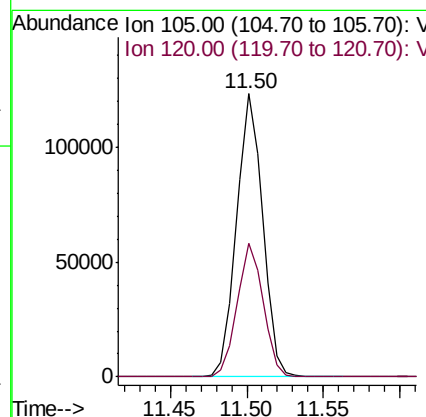
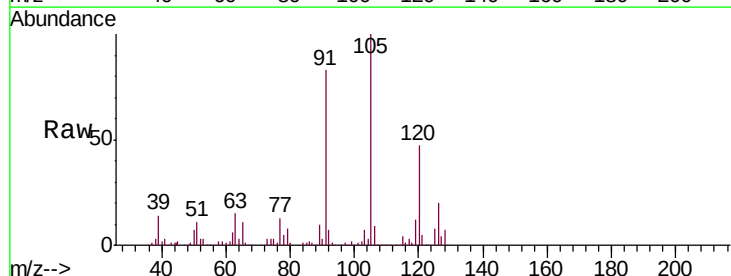
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD01

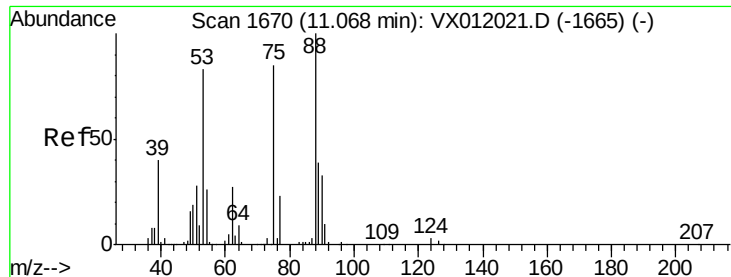
Tgt Ion: 91 Resp: 119738
 Ion Ratio Lower Upper
 91 100
 126 31.0 18.6 55.8



#80
 1,3,5-Trimethylbenzene
 Concen: 20.235 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Tgt Ion: 105 Resp: 146084
 Ion Ratio Lower Upper
 105 100
 120 46.9 25.8 77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 16.432 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD01

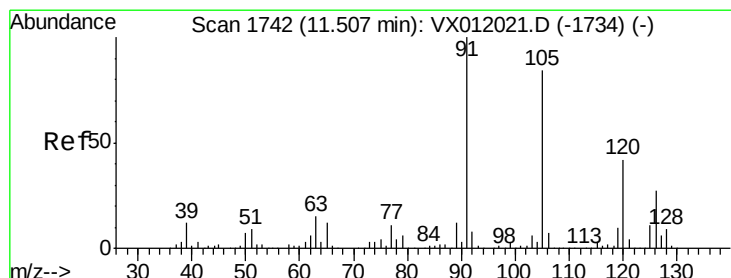
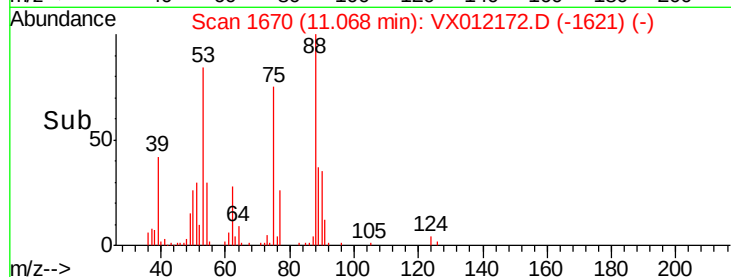
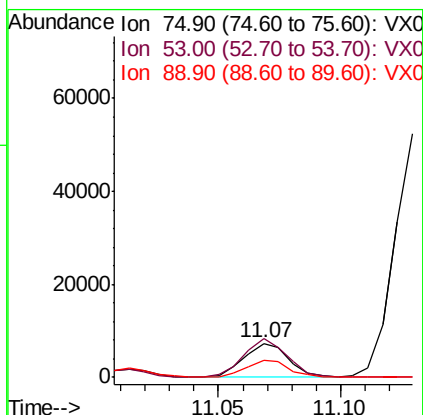
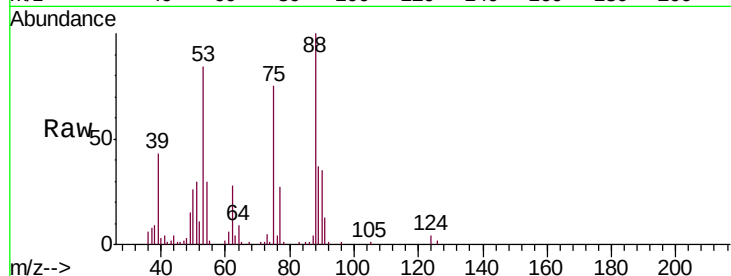
Tgt Ion: 75 Resp: 9535

Ion Ratio Lower Upper

75 100

53 109.5 78.6 117.8

89 49.3 38.8 58.2



#82

4-Chlorotoluene

Concen: 20.174 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012172.D

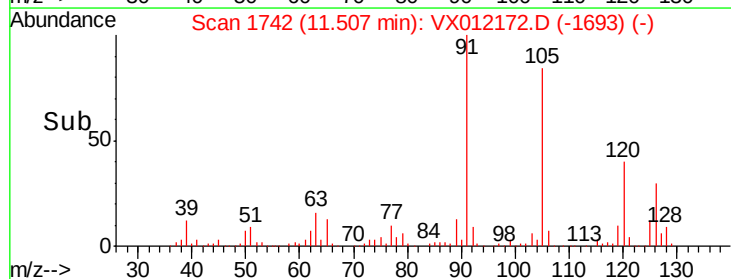
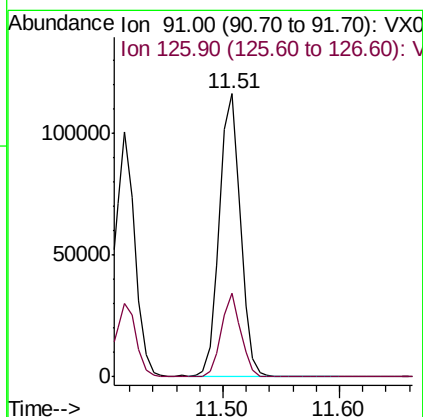
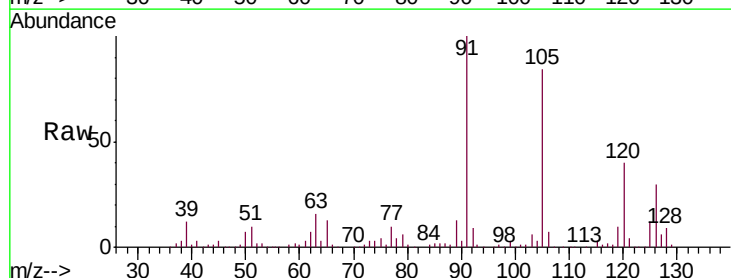
Acq: 07 Sep 2019 13:15

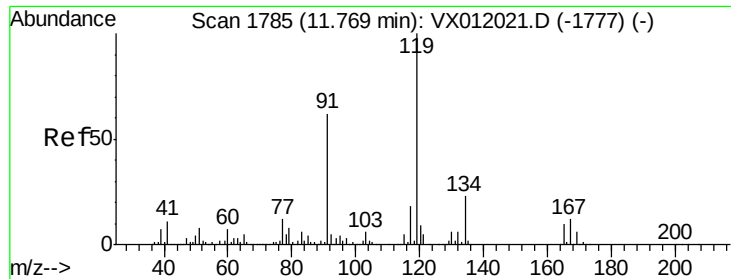
Tgt Ion: 91 Resp: 144984

Ion Ratio Lower Upper

91 100

126 27.3 16.2 48.6

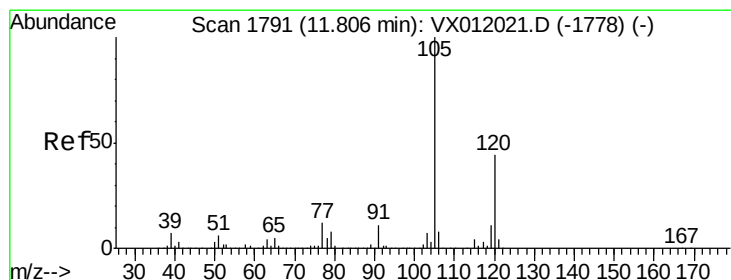
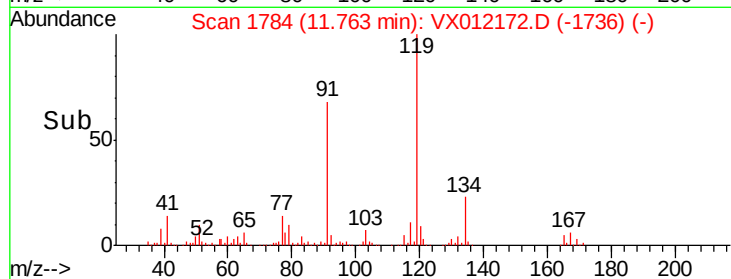
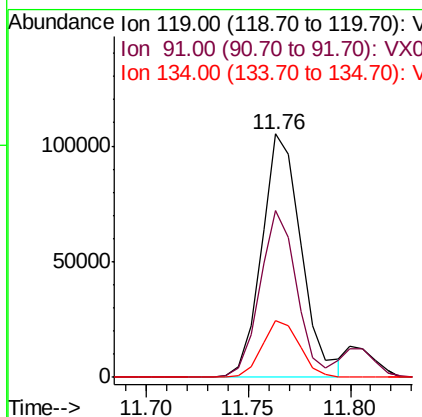
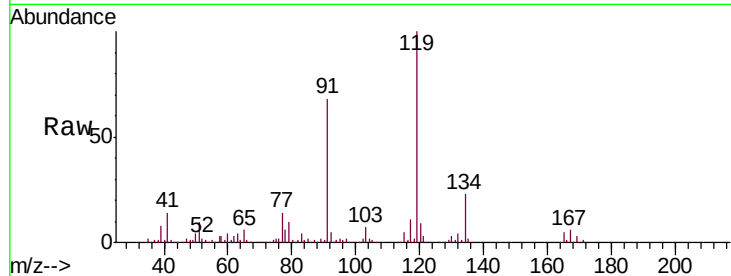




#83
 tert-Butylbenzene
 Concen: 20.546 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

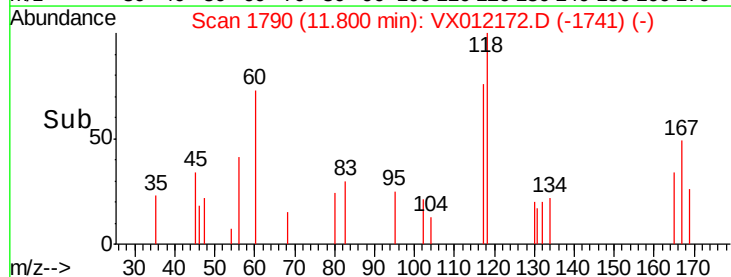
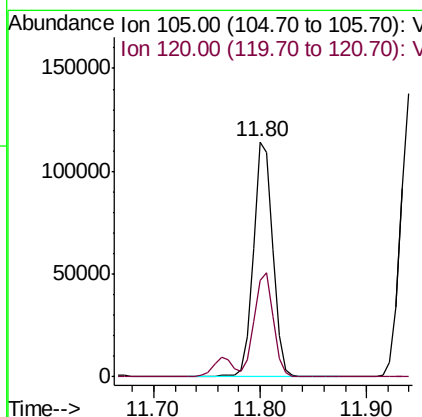
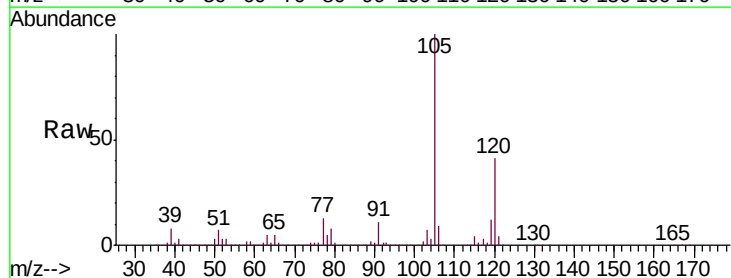
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD01

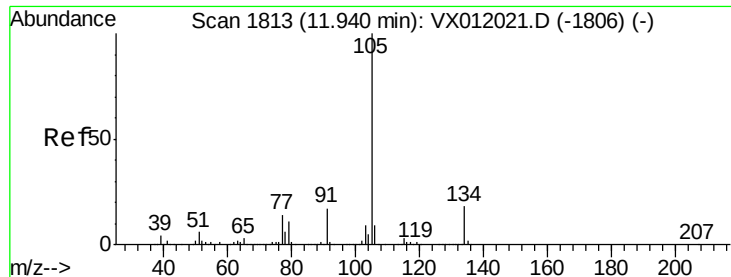
Tgt Ion:119 Resp: 141380
 Ion Ratio Lower Upper
 119 100
 91 63.4 27.1 81.2
 134 22.3 12.1 36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 19.706 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Tgt Ion:105 Resp: 146217
 Ion Ratio Lower Upper
 105 100
 120 43.6 23.6 70.8





#85

sec-Butylbenzene

Concen: 20.151 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

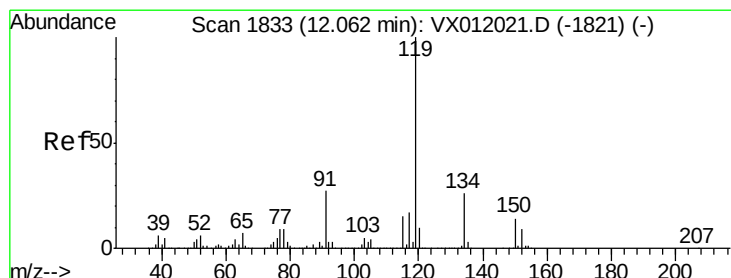
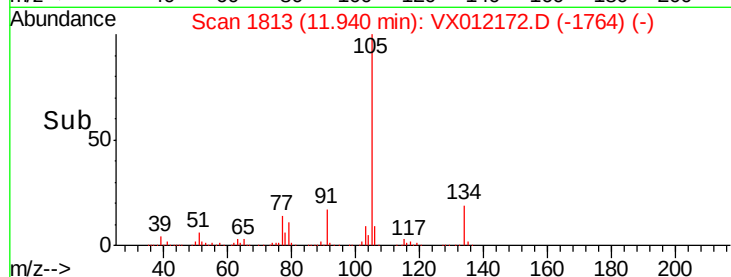
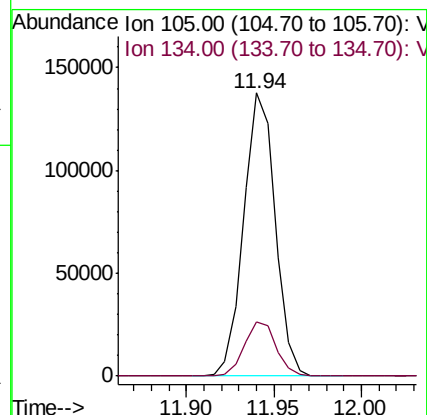
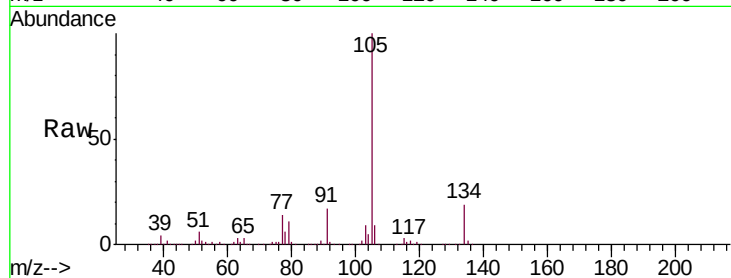
VX0907SBSD01

Tgt Ion:105 Resp: 172225

Ion Ratio Lower Upper

105 100

134 19.3 11.2 33.6



#86

p-Isopropyltoluene

Concen: 20.072 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

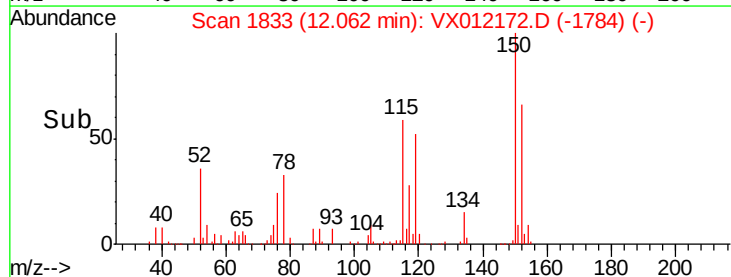
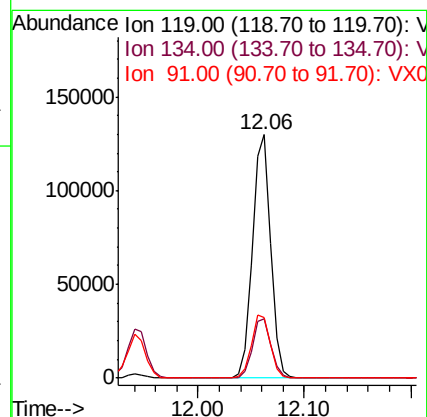
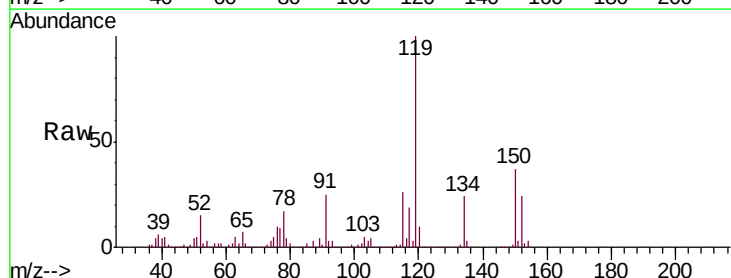
Tgt Ion:119 Resp: 156014

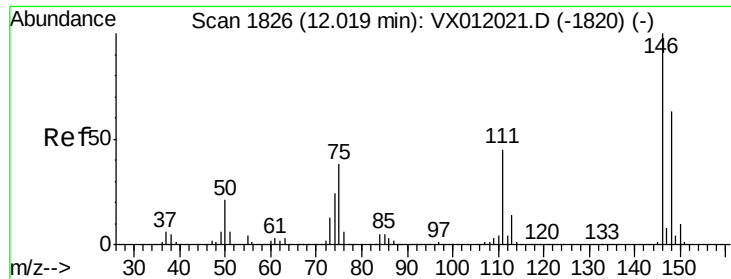
Ion Ratio Lower Upper

119 100

134 24.9 13.7 41.1

91 26.9 11.4 34.1

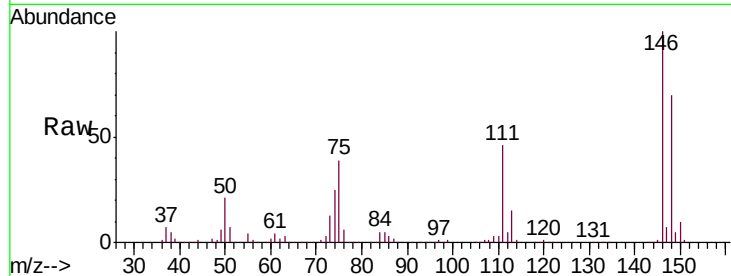




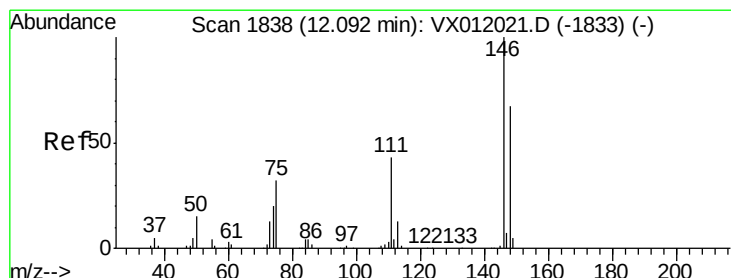
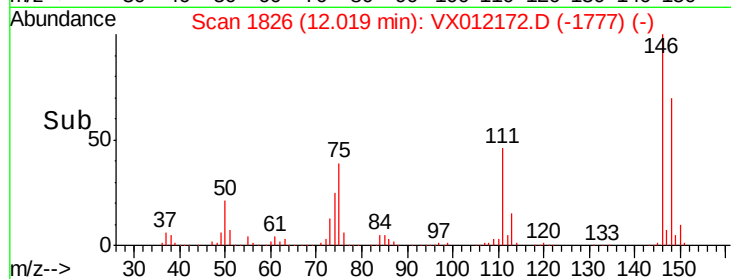
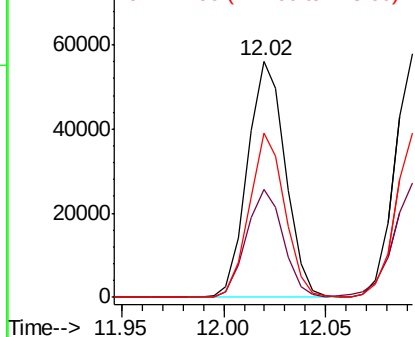
#87
 1,3-Dichlorobenzene
 Concen: 19.603 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD01

Tgt Ion:146 Resp: 72375
 Ion Ratio Lower Upper
 146 100
 111 44.7 18.1 54.1
 148 65.4 32.6 97.8

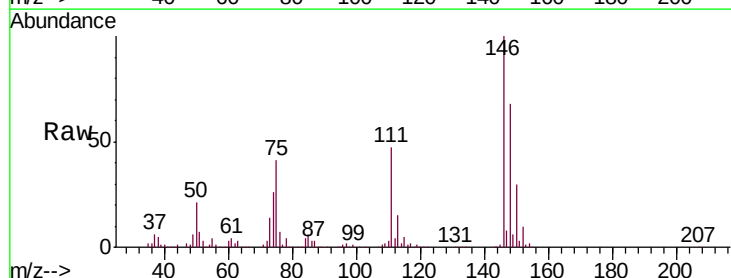


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

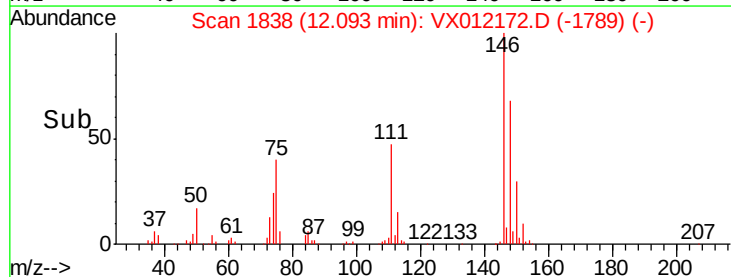
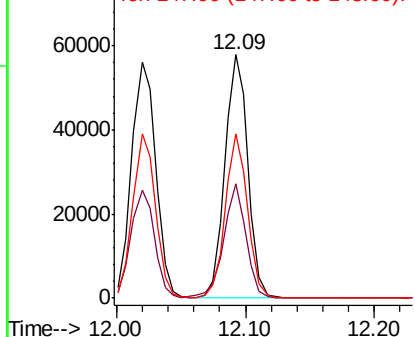


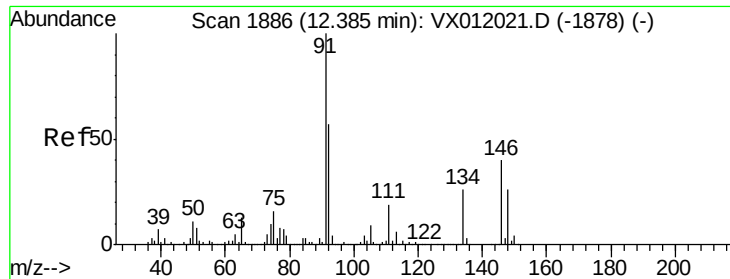
#88
 1,4-Dichlorobenzene
 Concen: 19.677 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Tgt Ion:146 Resp: 72638
 Ion Ratio Lower Upper
 146 100
 111 45.9 17.7 53.1
 148 65.2 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.773 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD01

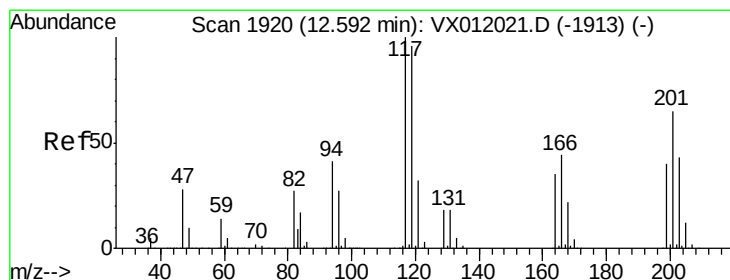
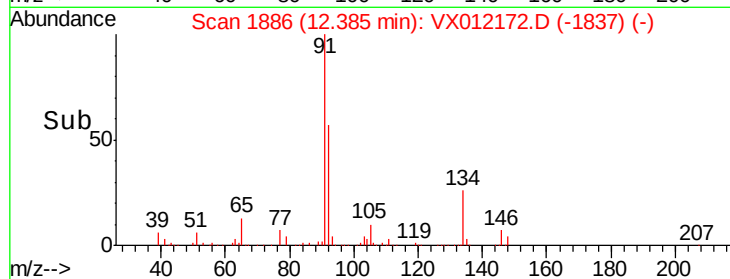
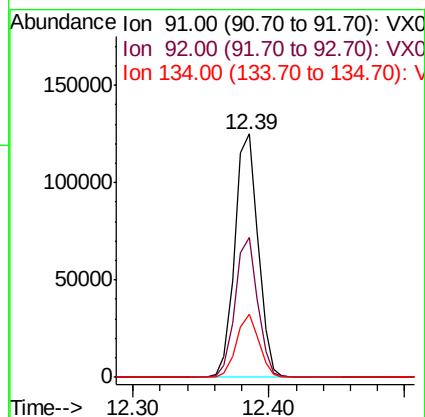
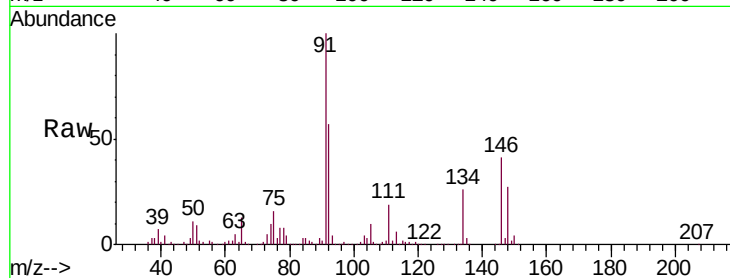
Tgt Ion: 91 Resp: 149298

Ion Ratio Lower Upper

91 100

92 55.8 27.6 82.8

134 25.2 15.4 46.1



#90

Hexachloroethane

Concen: 18.741 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012172.D

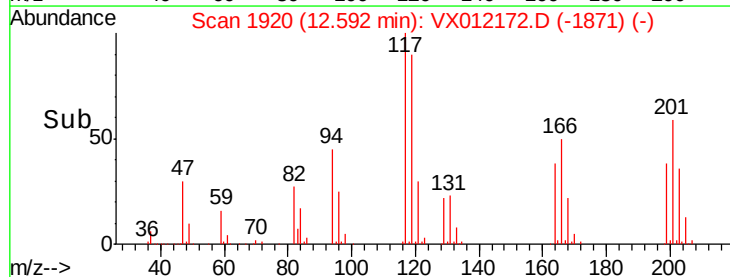
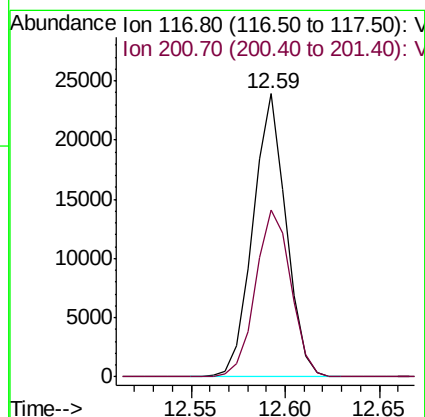
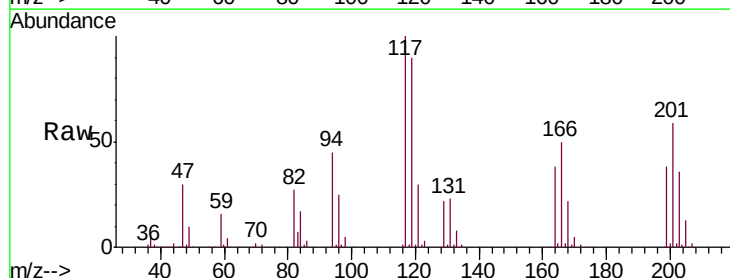
Acq: 07 Sep 2019 13:15

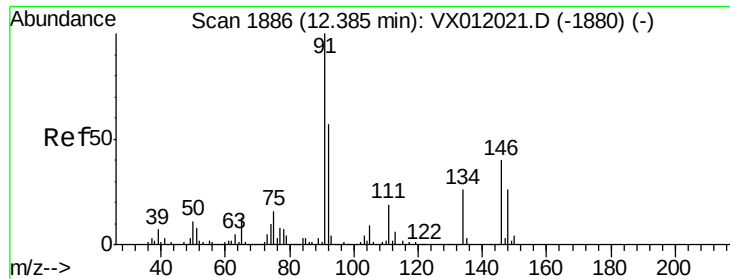
Tgt Ion: 117 Resp: 29085

Ion Ratio Lower Upper

117 100

201 63.1 55.0 165.2

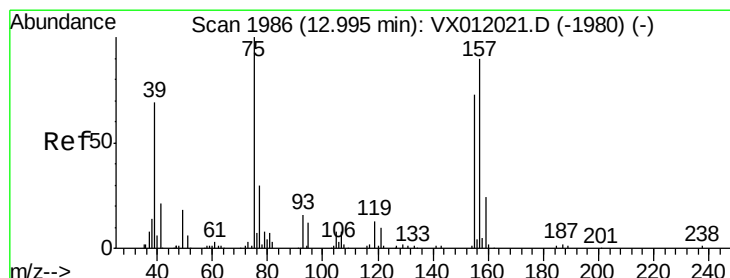
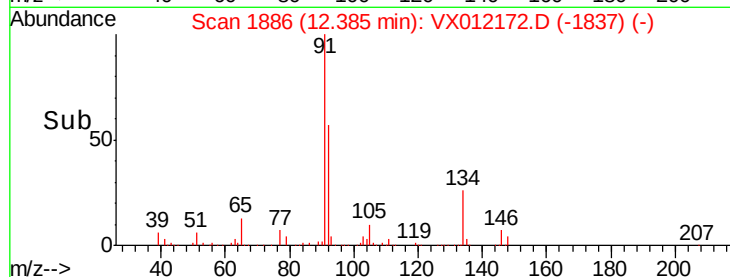
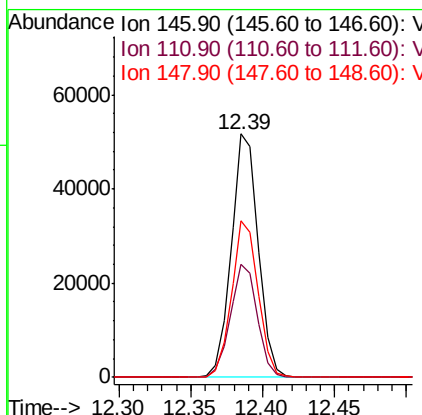
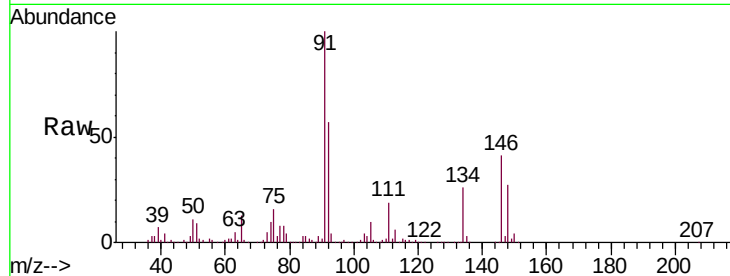




#91
 1,2-Dichlorobenzene
 Concen: 20.347 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

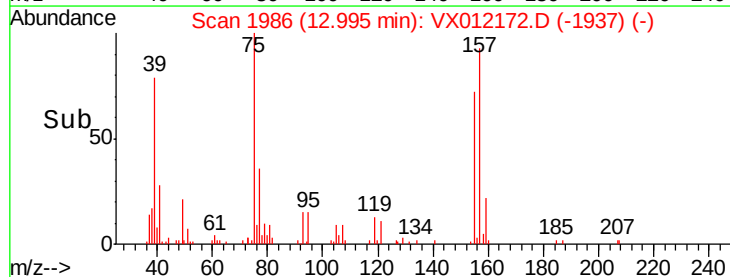
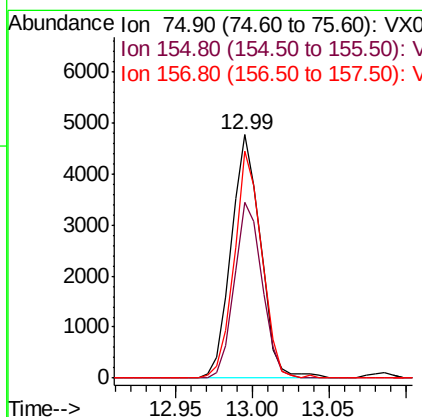
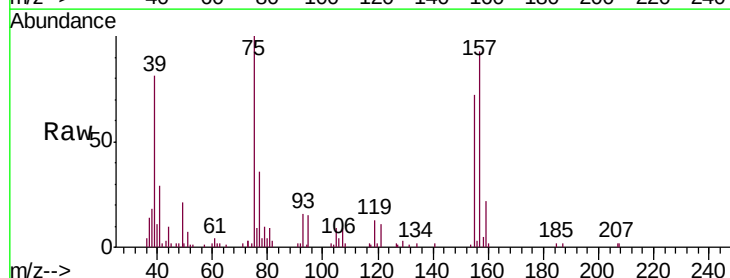
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD01

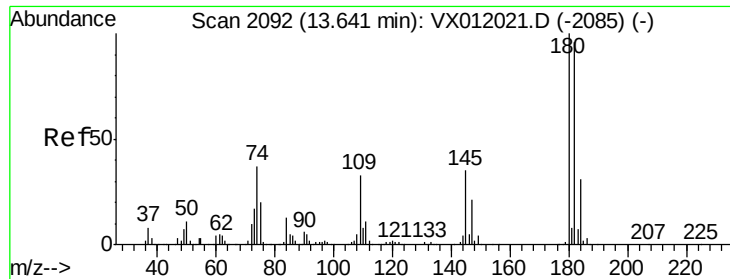
Tgt Ion:146 Resp: 67655
 Ion Ratio Lower Upper
 146 100
 111 46.6 18.6 56.0
 148 63.5 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.652 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Tgt Ion: 75 Resp: 6344
 Ion Ratio Lower Upper
 75 100
 155 68.4 51.7 155.2
 157 87.3 66.9 200.7

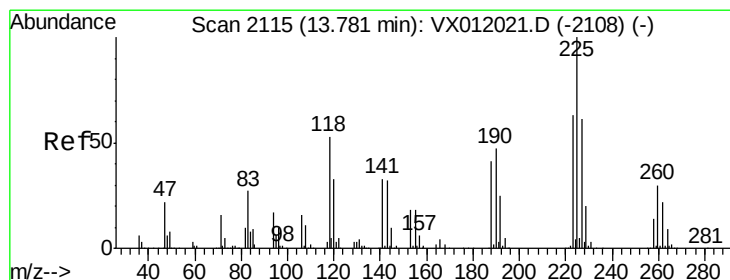
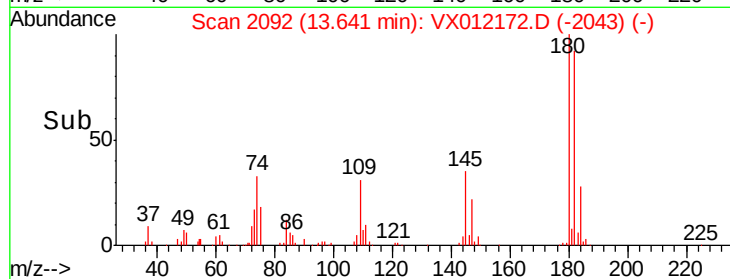
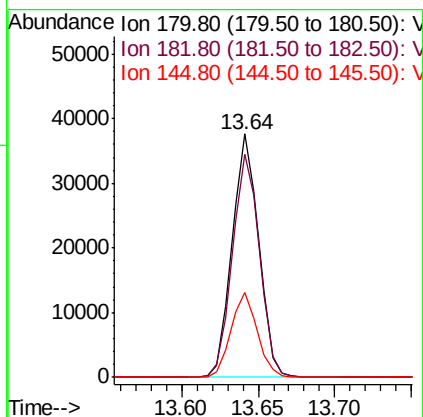
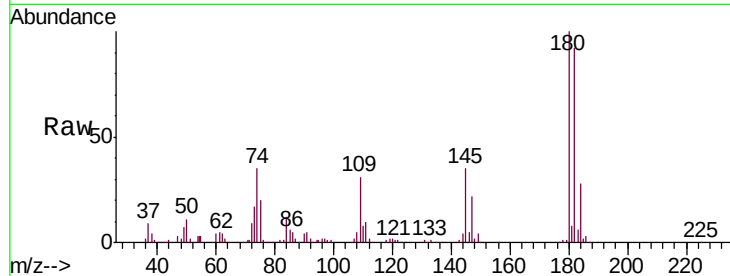




#93
 1,2,4-Trichlorobenzene
 Concen: 19.147 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

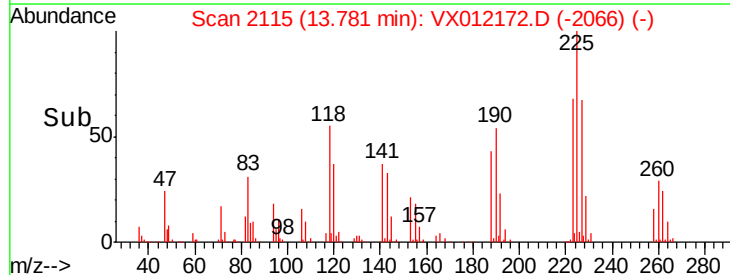
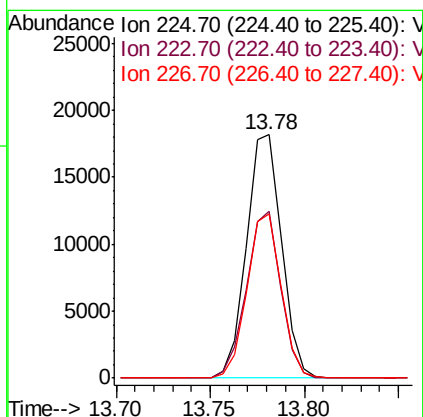
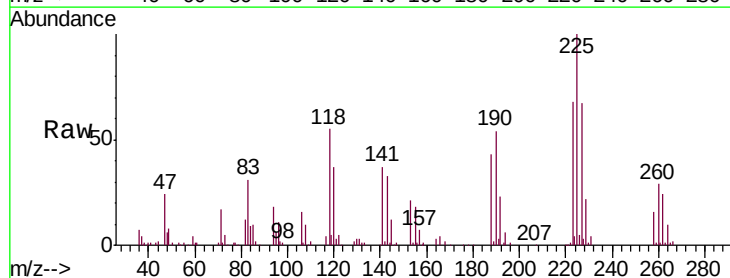
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS01

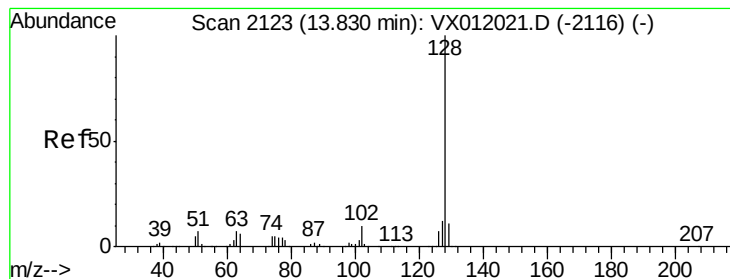
Tgt Ion:180 Resp: 45315
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.3 142.0
 145 34.7 13.7 41.0



#94
 Hexachlorobutadiene
 Concen: 19.721 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012172.D
 Acq: 07 Sep 2019 13:15

Tgt Ion:225 Resp: 23527
 Ion Ratio Lower Upper
 225 100
 223 66.8 31.6 95.0
 227 65.6 32.5 97.5





#95

Naphthalene

Concen: 17.686 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD01

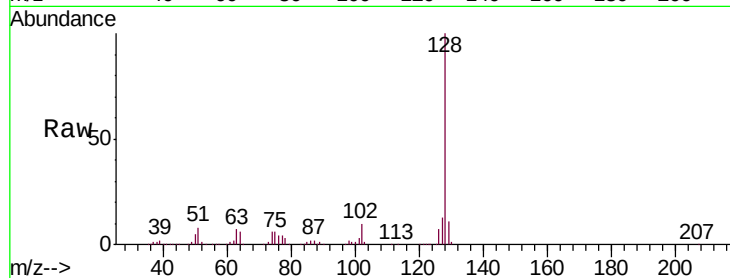
Tgt Ion:128 Resp: 90588

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

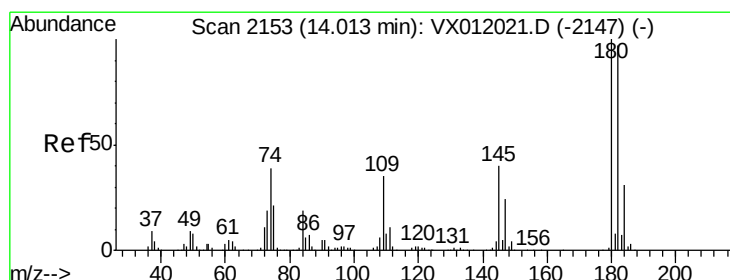
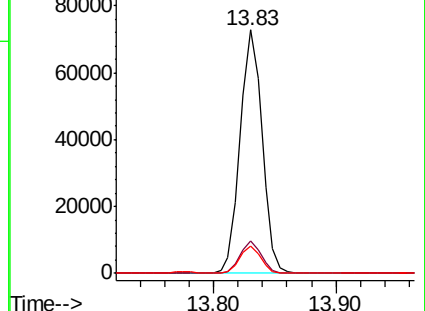
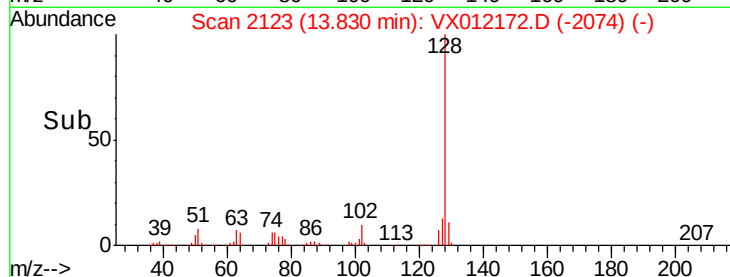
129 10.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.956 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX012172.D

Acq: 07 Sep 2019 13:15

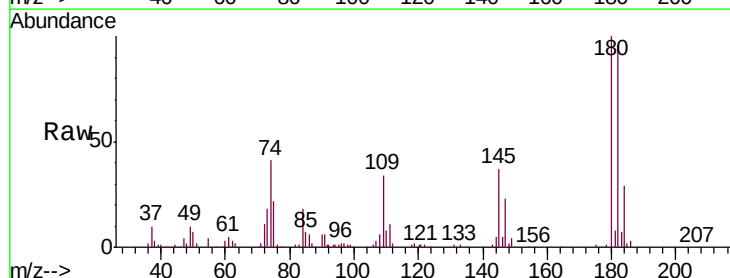
Tgt Ion:180 Resp: 39468

Ion Ratio Lower Upper

180 100

182 92.4 47.9 143.6

145 36.4 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

