

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090819\
 Data File : VX012214.D
 Acq On : 08 Sep 2019 11:05
 Operator : SY/SP
 Sample : VX0908SBS01
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS01

Quant Time: Sep 09 01:47:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	98928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	174375	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	160593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	81514	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	79566	58.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.58%	
35) Dibromofluoromethane	5.48	113	62452	58.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.48%	
50) Toluene-d8	8.71	98	237164	60.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.54%	
62) 4-Bromofluorobenzene	11.13	95	104078	56.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	22135	24.263	ug/l	95
3) Chloromethane	1.31	50	19844	21.240	ug/l	98
4) Vinyl Chloride	1.40	62	19791	22.515	ug/l	100
5) Bromomethane	1.62	94	9197	21.091	ug/l	95
6) Chloroethane	1.70	64	13025	23.836	ug/l	99
7) Trichlorofluoromethane	1.91	101	33972	24.883	ug/l	95
8) Diethyl Ether	2.17	74	11105	23.537	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.37	101	24707	24.433	ug/l #	84
10) Methyl Iodide	2.50	142	13076	17.975	ug/l	91
11) Tert butyl alcohol	3.03	59	18327	139.784	ug/l #	94
12) 1,1-Dichloroethene	2.36	96	20845	21.399	ug/l	90
13) Acrolein	2.28	56	4035	102.145	ug/l	89
14) Allyl chloride	2.72	41	40352	22.893	ug/l	98
15) Acrylonitrile	3.13	53	36814	124.173	ug/l	98
16) Acetone	2.43	43	42246	129.483	ug/l	100
17) Carbon Disulfide	2.56	76	43357	15.229	ug/l	98
18) Methyl Acetate	2.76	43	17359	22.585	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	77521	24.444	ug/l	100
20) Methylene Chloride	2.84	84	27681	21.128	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	24078	21.063	ug/l	95
22) Diisopropyl ether	3.84	45	90704	25.246	ug/l	94
23) Vinyl Acetate	3.80	43	285999	123.057	ug/l	97
24) 1,1-Dichloroethane	3.69	63	49827	23.913	ug/l	100
25) 2-Butanone	4.65	43	54275	130.685	ug/l	95
26) 2,2-Dichloropropane	4.56	77	48147	25.027	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	30875	23.041	ug/l	89
28) Bromochloromethane	5.00	49	20401	24.527	ug/l #	79
29) Tetrahydrofuran	5.12	42	31342	125.255	ug/l	98
30) Chloroform	5.20	83	55706	24.915	ug/l	99
31) Cyclohexane	5.56	56	36003	21.514	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	47526	24.406	ug/l	96
36) 1,1-Dichloropropene	5.78	75	35203	22.921	ug/l	96
37) Ethyl Acetate	4.82	43	22088	26.448	ug/l	99
38) Carbon Tetrachloride	5.76	117	40365	24.942	ug/l	91

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Quant Time: Sep 09 01:47:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	38491	21.594	ug/l	95
40) Benzene	6.13	78	103603	23.498	ug/l	98
41) Methacrylonitrile	5.03	41	13521	27.148	ug/l	97
42) 1,2-Dichloroethane	6.18	62	42183	26.586	ug/l	95
43) Isopropyl Acetate	6.43	43	45068	26.539	ug/l	98
44) Trichloroethene	7.20	130	28645	24.088	ug/l	70
45) 1,2-Dichloropropane	7.50	63	28538	25.053	ug/l	96
46) Dibromomethane	7.65	93	16777	25.229	ug/l #	75
47) Bromodichloromethane	7.89	83	43999	26.031	ug/l #	97
48) Methyl methacrylate	7.76	41	22074	25.853	ug/l	95
49) 1,4-Dioxane	7.73	88	6377	547.865	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	121827	141.045	ug/l	97
52) Toluene	8.78	92	70564	24.598	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	44496	25.427	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	48046	24.690	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	25688	27.020	ug/l	97
56) Ethyl methacrylate	9.17	69	35075	25.757	ug/l	94
57) 1,3-Dichloropropane	9.37	76	42583	25.957	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	86731	141.271	ug/l	94
59) 2-Hexanone	9.48	43	90840	144.132	ug/l	97
60) Dibromochloromethane	9.57	129	29467	26.007	ug/l	100
61) 1,2-Dibromoethane	9.67	107	23807	25.915	ug/l	98
64) Tetrachloroethene	9.33	164	25676	25.645	ug/l	88
65) Chlorobenzene	10.14	112	82473	26.028	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	31156	26.891	ug/l	97
67) Ethyl Benzene	10.25	91	147972	25.620	ug/l	97
68) m/p-Xylenes	10.35	106	109128	51.282	ug/l	89
69) o-Xylene	10.70	106	54141	26.237	ug/l	89
70) Styrene	10.71	104	95759	26.717	ug/l	96
71) Bromoform	10.85	173	16513	25.949	ug/l #	100
73) Isopropylbenzene	11.01	105	150099	25.097	ug/l	97
74) N-amyl acetate	10.89	43	45641	25.810	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	32517	26.079	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	35645	35.789	ug/l	76
77) Bromobenzene	11.25	156	34702	25.943	ug/l	69
78) n-propylbenzene	11.35	91	182058	25.197	ug/l	94
79) 2-Chlorotoluene	11.42	91	112462	25.691	ug/l	92
80) 1,3,5-Trimethylbenzene	11.50	105	134611	25.683	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.07	75	9307	22.092	ug/l	88
82) 4-Chlorotoluene	11.51	91	135735	26.016	ug/l	91
83) tert-Butylbenzene	11.77	119	132328	26.489	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	136949	25.423	ug/l	94
85) sec-Butylbenzene	11.94	105	159876	25.766	ug/l	93
86) p-Isopropyltoluene	12.06	119	142058	25.175	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	69702	26.005	ug/l	93
88) 1,4-Dichlorobenzene	12.09	146	70638	26.357	ug/l	94
89) n-Butylbenzene	12.39	91	140258	25.587	ug/l	95
90) Hexachloroethane	12.59	117	26162	23.220	ug/l	56
91) 1,2-Dichlorobenzene	12.39	146	66758	27.655	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6402	24.537	ug/l	65

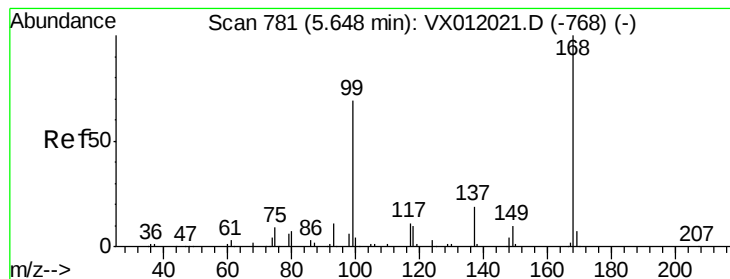
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090819\
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Instrument :
MSVOA_X
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Quant Time: Sep 09 01:47:06 2019
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Quant Title : SW846 8260
QLast Update : 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	42214	24.569	ug/l	96
94) Hexachlorobutadiene	13.78	225	21433	24.747	ug/l	98
95) Naphthalene	13.83	128	90239	24.267	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	37856	25.044	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

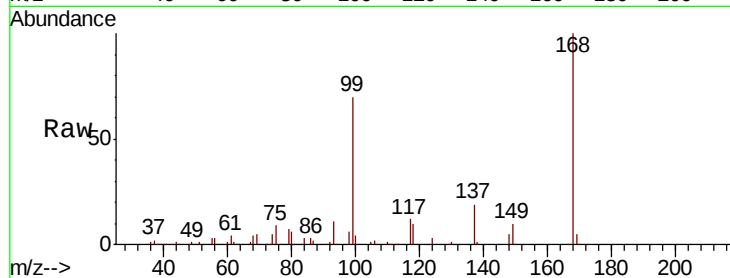
VX0908SBS01

Tgt Ion:168 Resp: 98928

Ion Ratio Lower Upper

168 100

99 69.8 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

30000

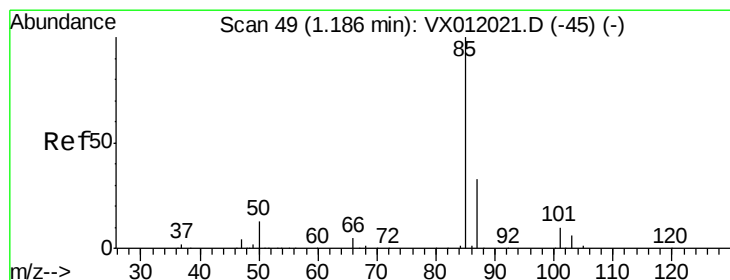
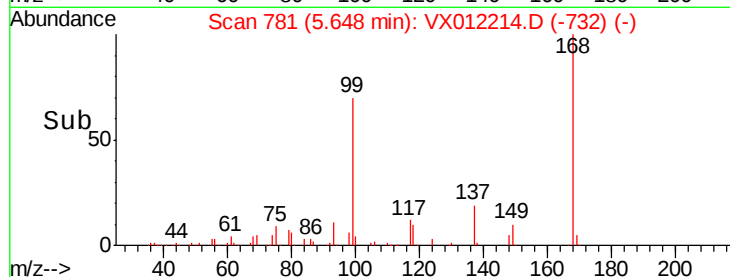
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 24.263 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012214.D

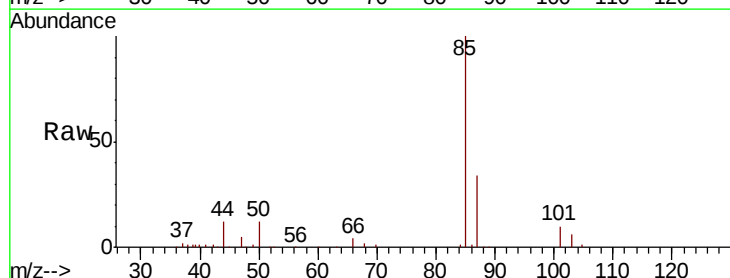
Acq: 08 Sep 2019 11:05

Tgt Ion: 85 Resp: 22135

Ion Ratio Lower Upper

85 100

87 34.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

20000

15000

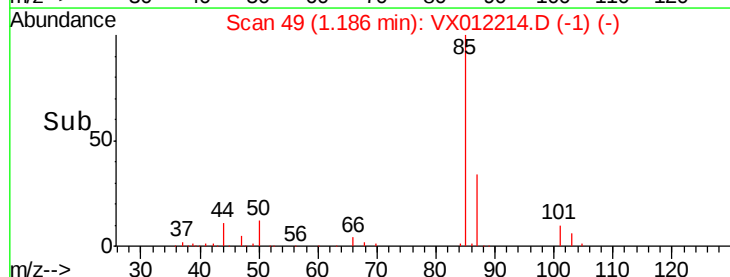
10000

5000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 21.240 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

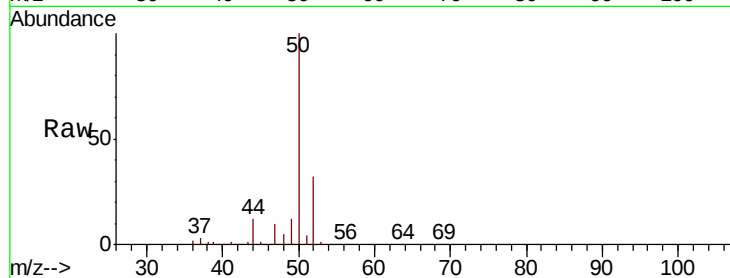
VX0908SBS01

Tgt Ion: 50 Resp: 19844

Ion Ratio Lower Upper

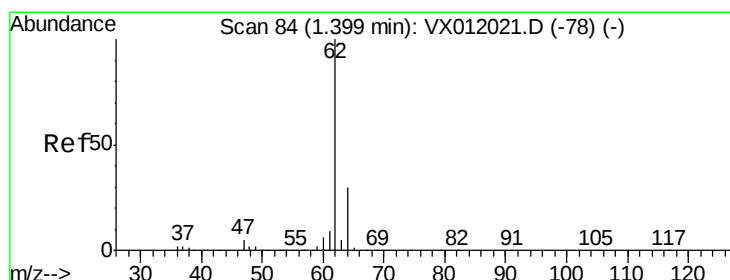
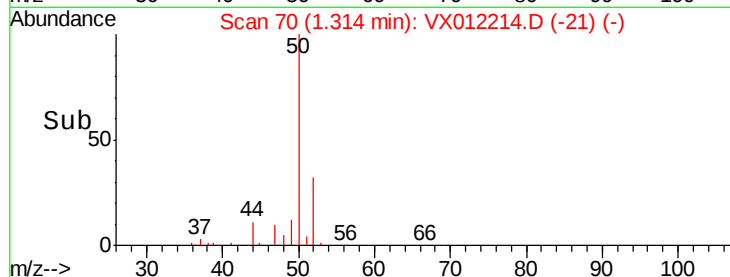
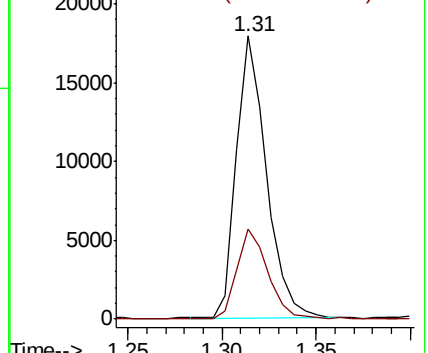
50 100

52 32.0 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 22.515 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.01 min

Lab File: VX012214.D

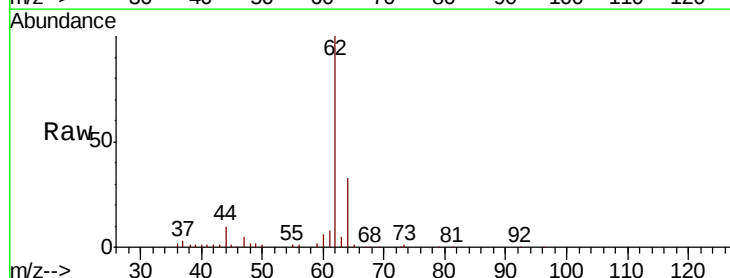
Acq: 08 Sep 2019 11:05

Tgt Ion: 62 Resp: 19791

Ion Ratio Lower Upper

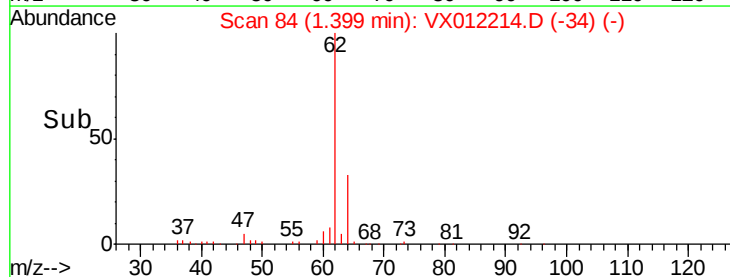
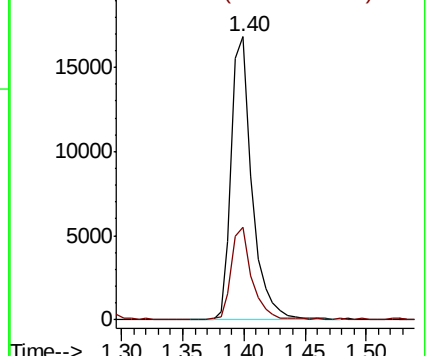
62 100

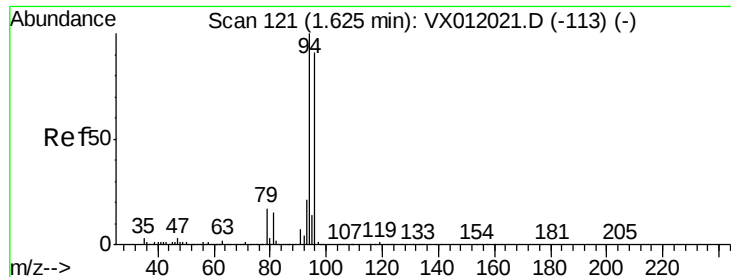
64 32.5 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.091 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

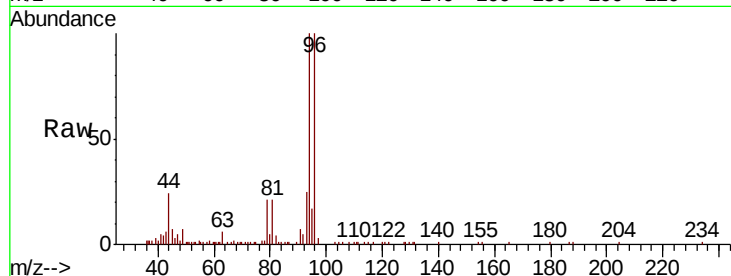
VX0908SBS01

Tgt Ion: 94 Resp: 9197

Ion Ratio Lower Upper

94 100

96 99.8 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

8000

6000

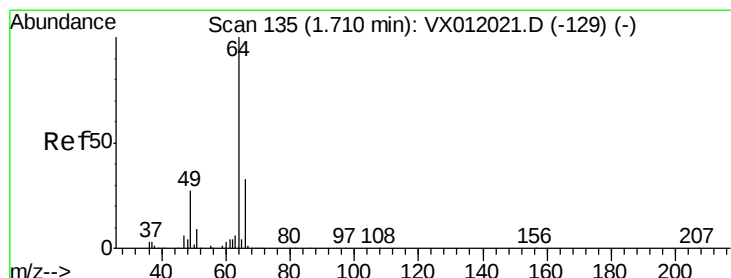
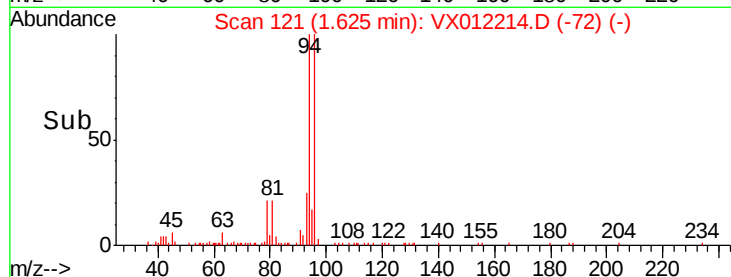
4000

2000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 23.836 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012214.D

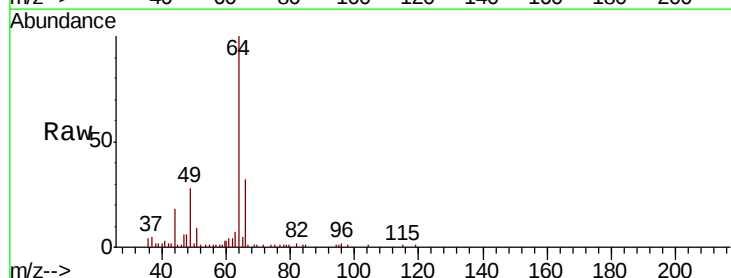
Acq: 08 Sep 2019 11:05

Tgt Ion: 64 Resp: 13025

Ion Ratio Lower Upper

64 100

66 32.1 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

6000

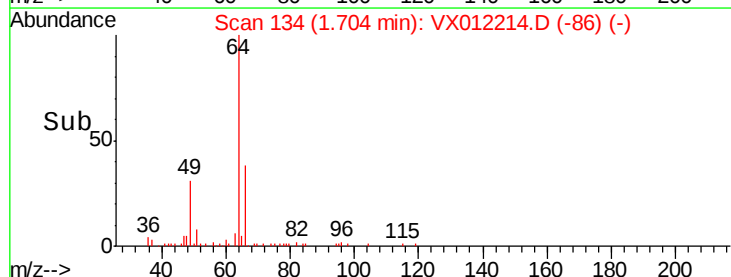
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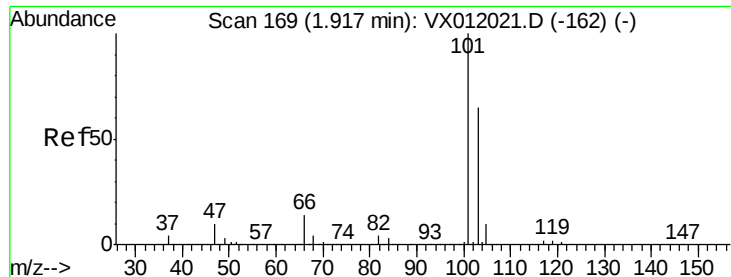
2000

0

Time-->

1.70 1.80



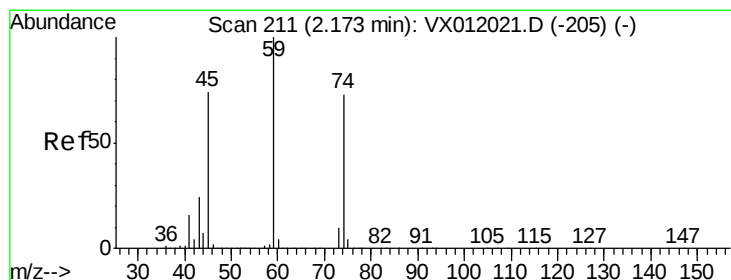
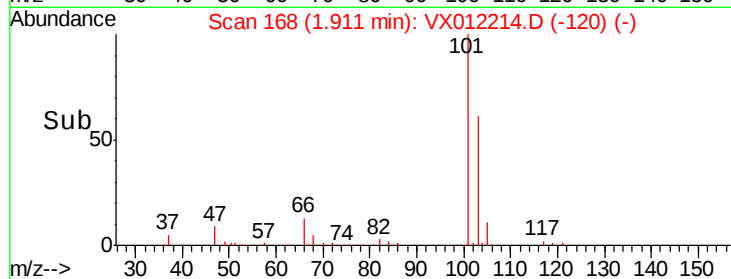
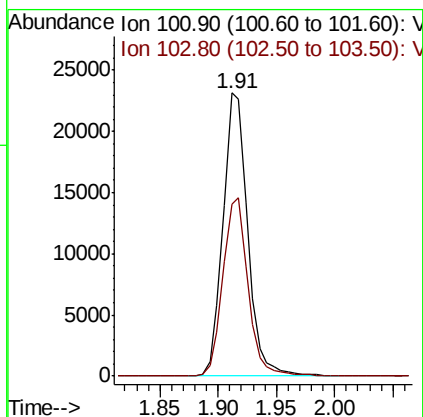
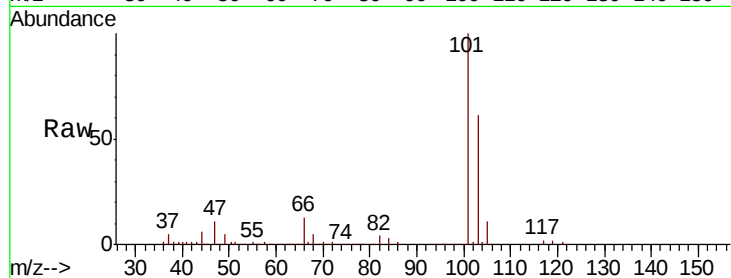


#7

Trichlorofluoromethane
 Concen: 24.883 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012214.D
 Acq: 08 Sep 2019 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS01

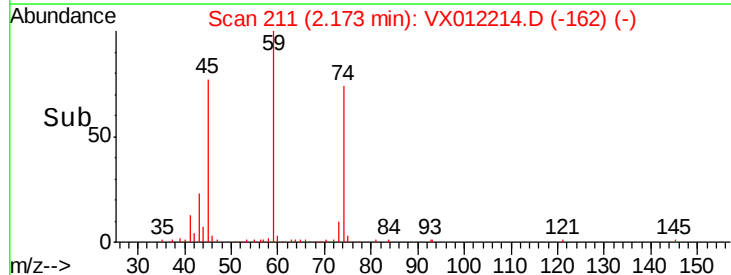
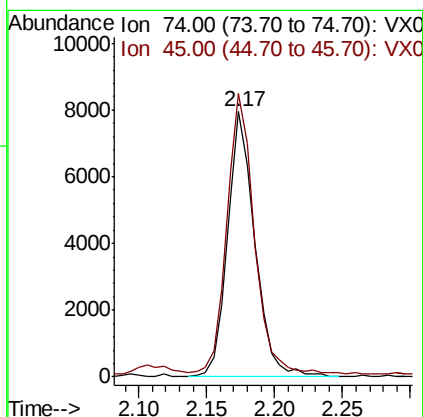
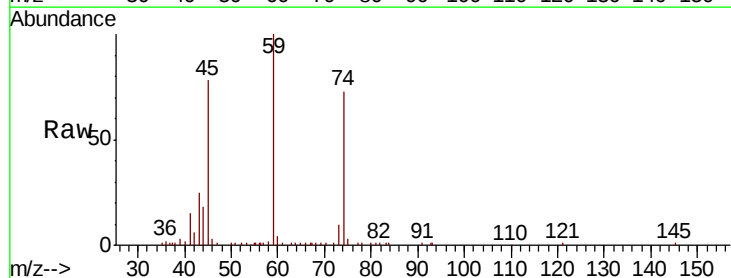
Tgt Ion:101 Resp: 33972
 Ion Ratio Lower Upper
 101 100
 103 60.9 51.6 77.4

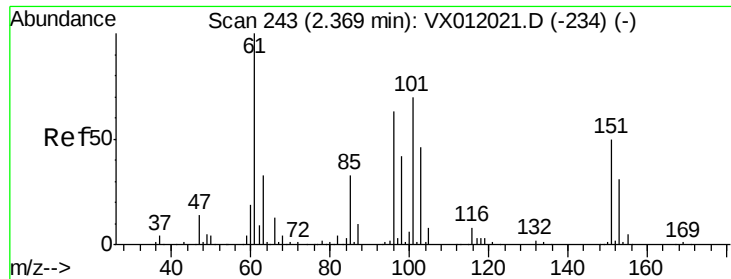


#8

Diethyl Ether
 Concen: 23.537 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012214.D
 Acq: 08 Sep 2019 11:05

Tgt Ion: 74 Resp: 11105
 Ion Ratio Lower Upper
 74 100
 45 106.0 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.433 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS01

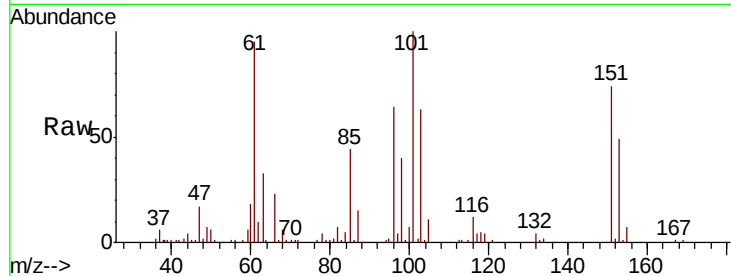
Tgt Ion:101 Resp: 24707

Ion Ratio Lower Upper

101 100

85 46.8 34.5 51.7

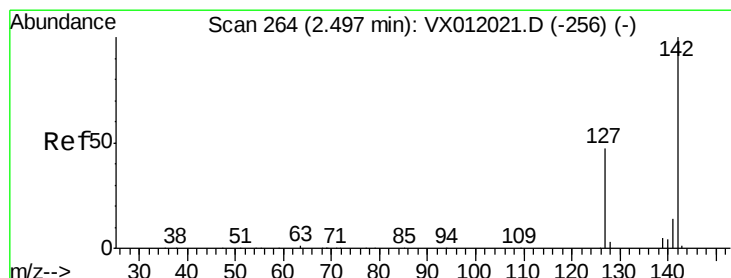
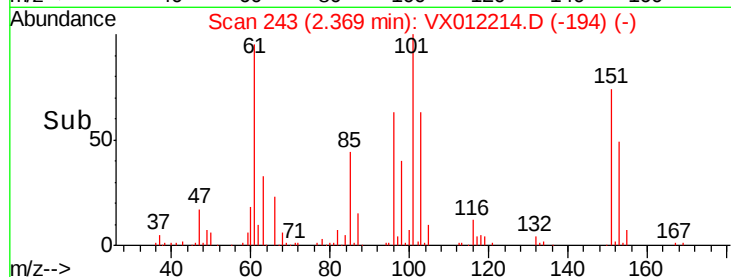
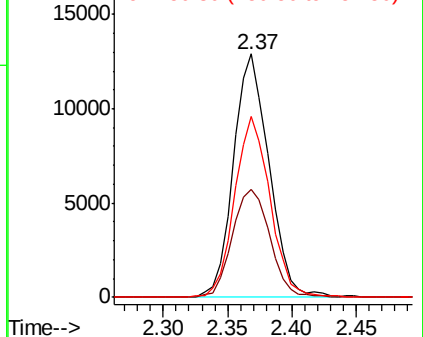
151 74.1 75.0 112.4#



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: 17.975 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

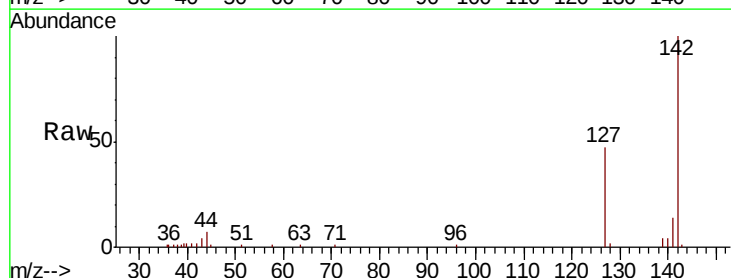
Tgt Ion:142 Resp: 13076

Ion Ratio Lower Upper

142 100

127 52.3 35.4 53.2

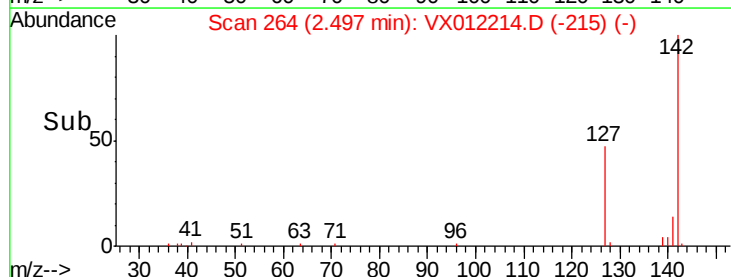
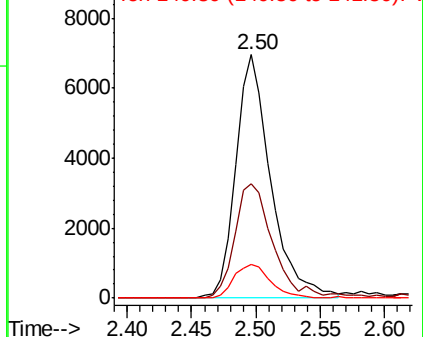
141 14.5 11.4 17.2

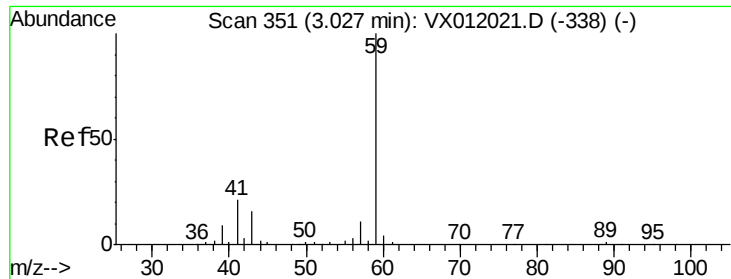


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

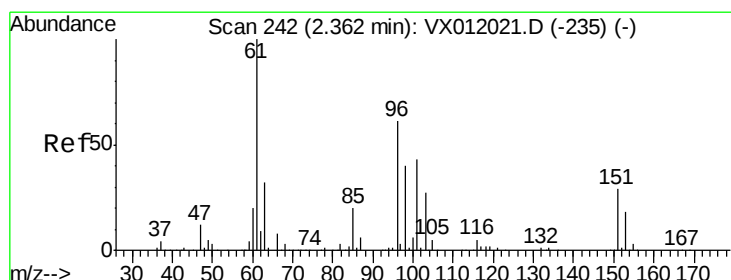
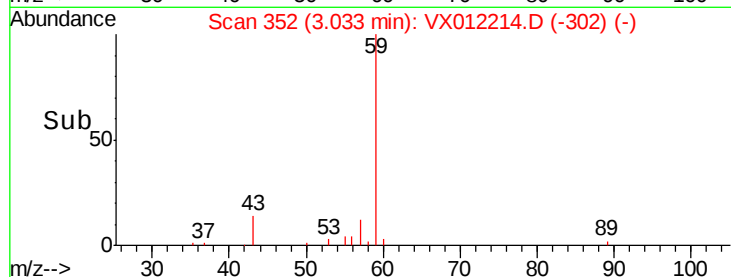
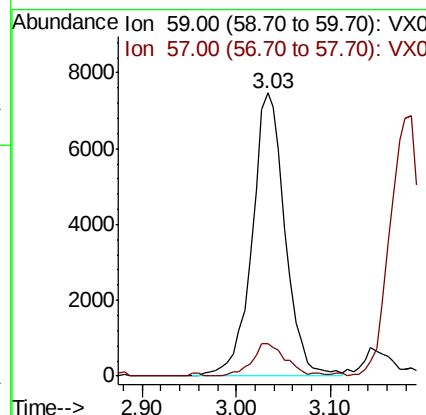
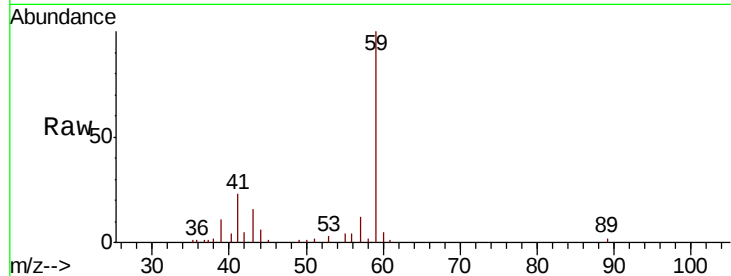




#11
Tert butyl alcohol
Concen: 139.784 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX012214.D
Acq: 08 Sep 2019 11:05

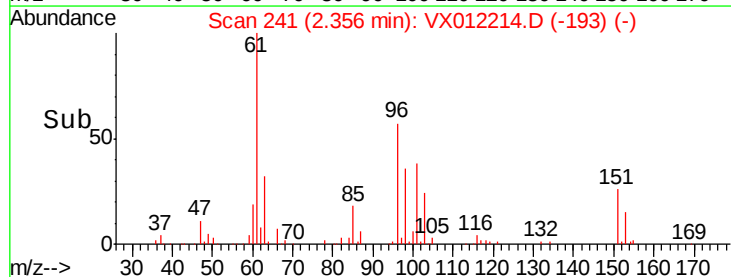
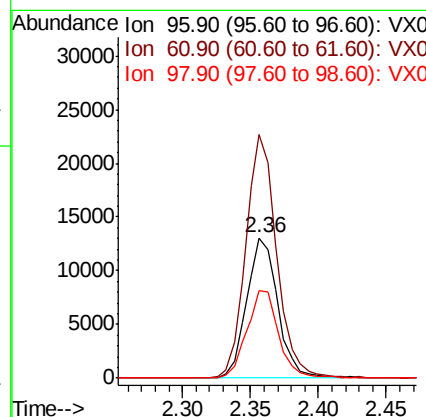
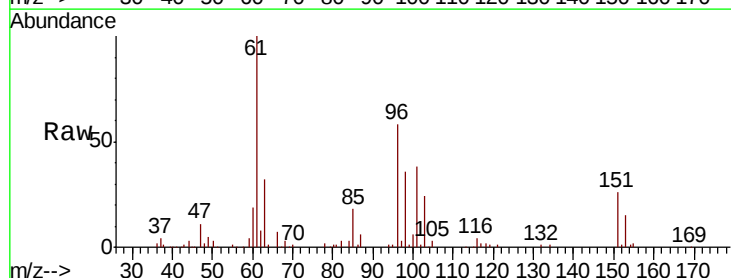
Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS01

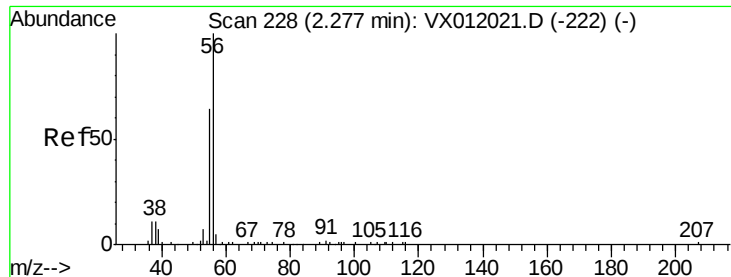
Tgt Ion: 59 Resp: 18327
Ion Ratio Lower Upper
59 100
57 12.2 7.9 11.9#



#12
1,1-Dichloroethene
Concen: 21.399 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX012214.D
Acq: 08 Sep 2019 11:05

Tgt Ion: 96 Resp: 20845
Ion Ratio Lower Upper
96 100
61 173.6 124.1 186.1
98 62.6 50.2 75.2





#13

Acrolein

Concen: 102.145 ug/l

RT: 2.28 min Scan# 228

Delta R.T. 0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

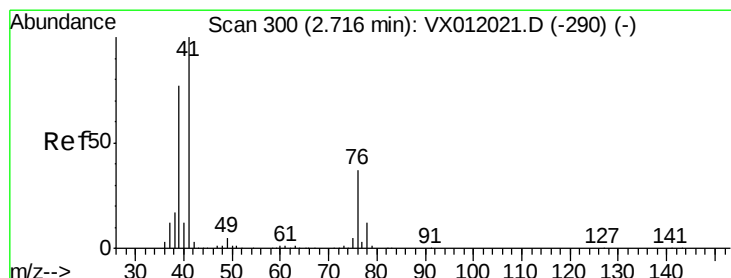
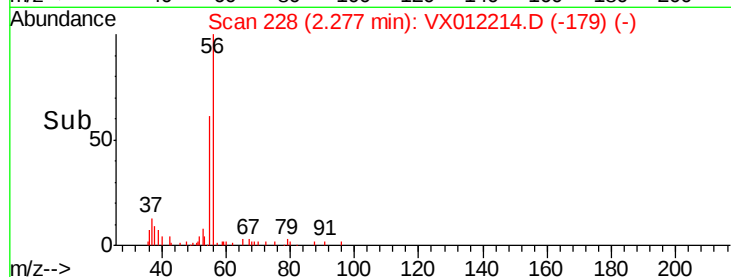
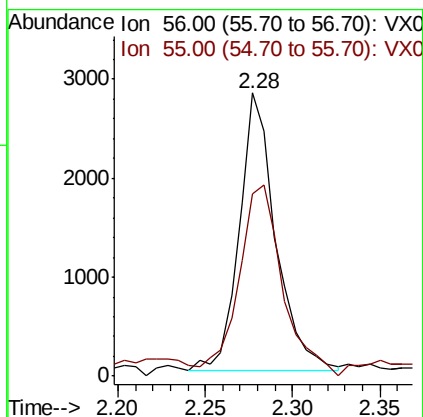
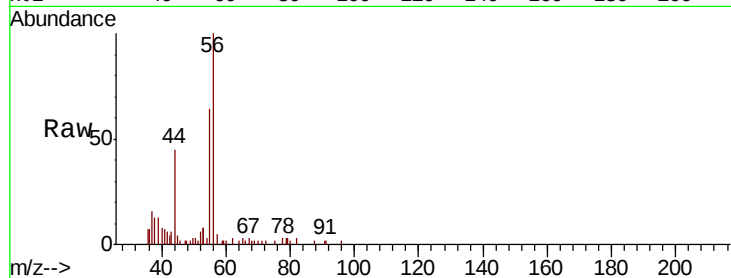
VX0908SBS01

Tgt Ion: 56 Resp: 4035

Ion Ratio Lower Upper

56 100

55 83.4 59.2 88.8



#14

Allyl chloride

Concen: 22.893 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

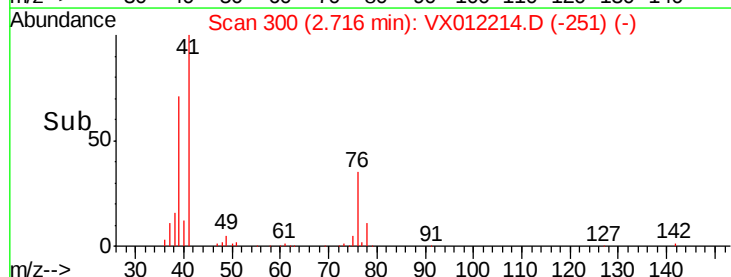
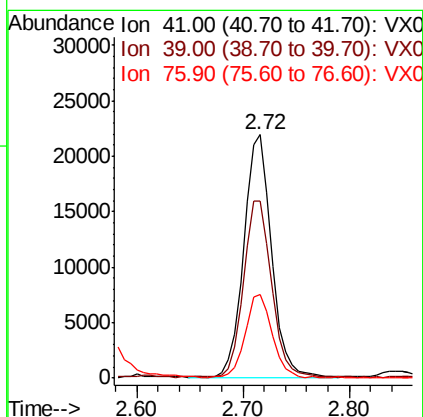
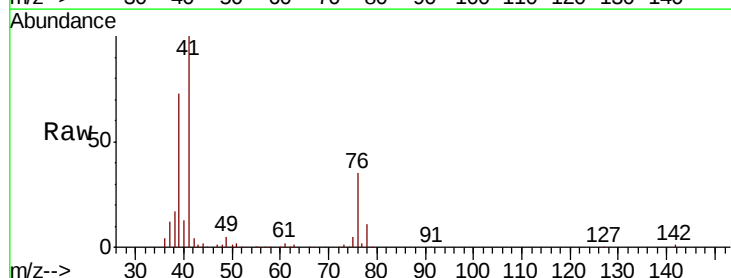
Tgt Ion: 41 Resp: 40352

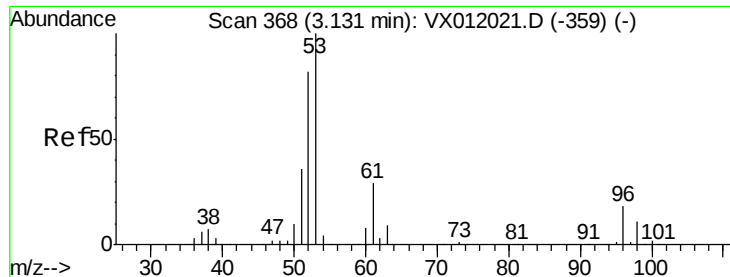
Ion Ratio Lower Upper

41 100

39 72.8 57.9 86.9

76 32.9 28.5 42.7





#15

Acrylonitrile

Concen: 124.173 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.01 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS01

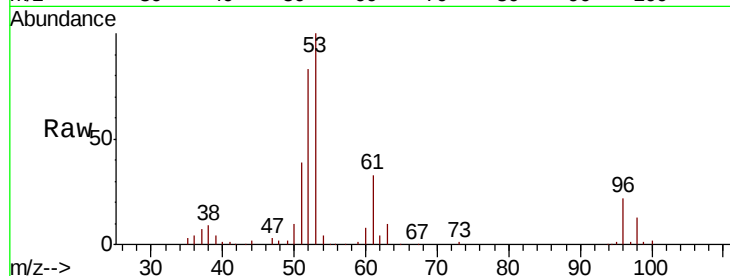
Tgt Ion: 53 Resp: 36814

Ion Ratio Lower Upper

53 100

52 80.9 65.6 98.4

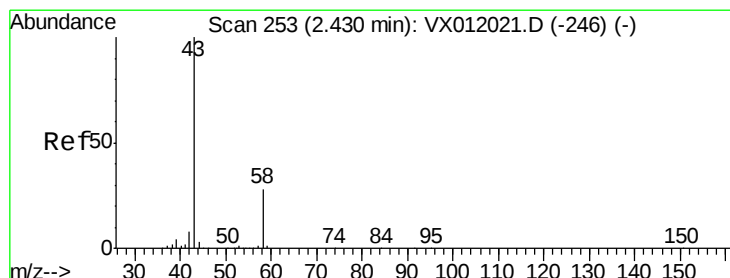
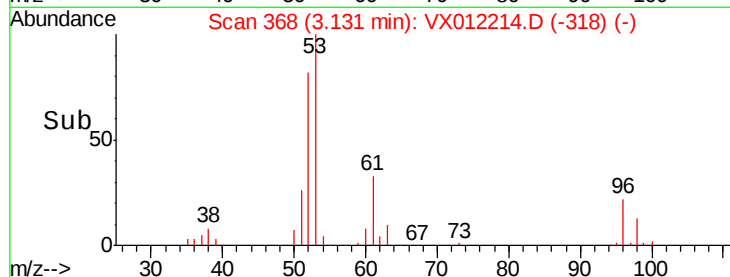
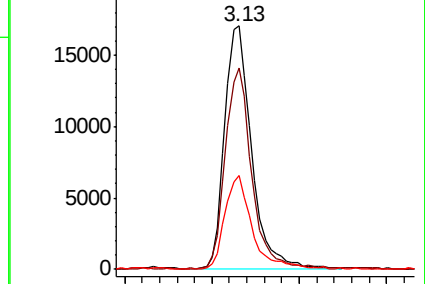
51 38.6 29.8 44.6



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: 129.483 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012214.D

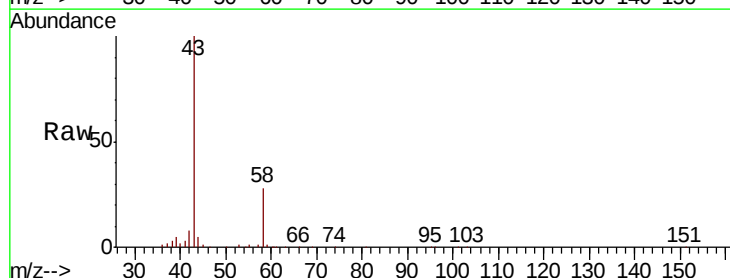
Acq: 08 Sep 2019 11:05

Tgt Ion: 43 Resp: 42246

Ion Ratio Lower Upper

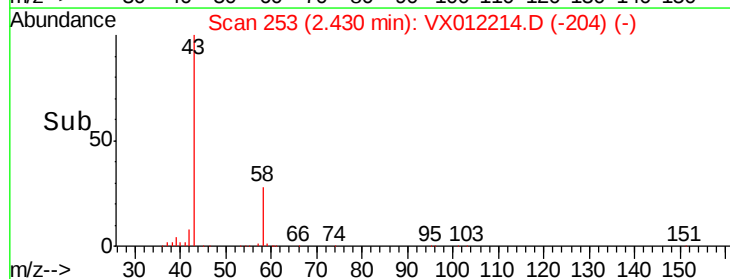
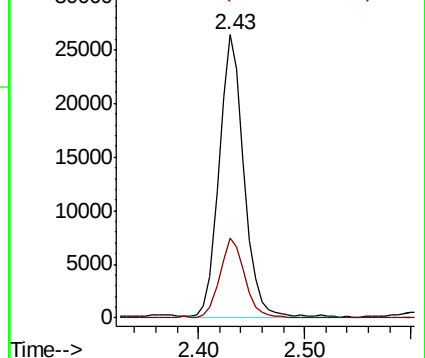
43 100

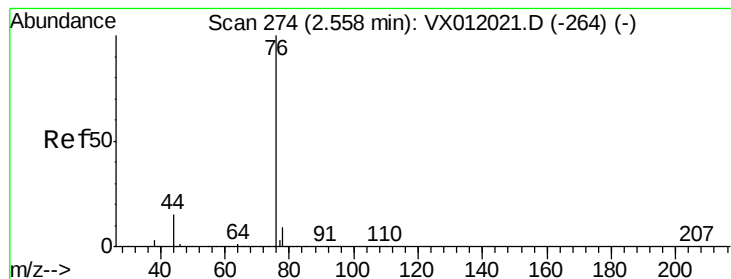
58 28.4 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.229 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

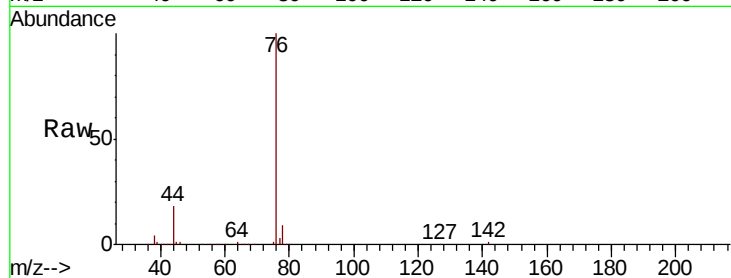
VX0908SBS01

Tgt Ion: 76 Resp: 43357

Ion Ratio Lower Upper

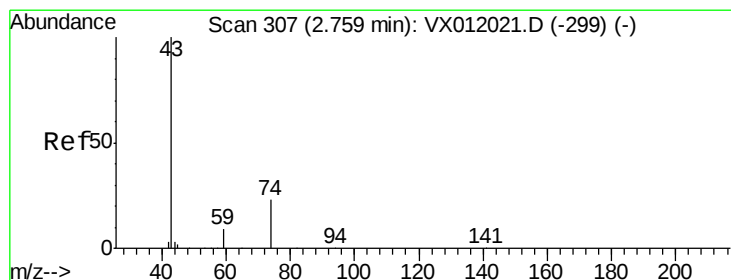
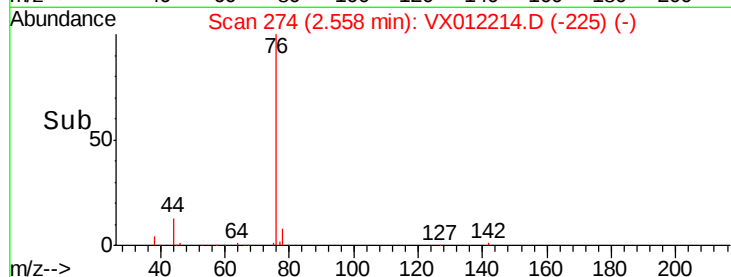
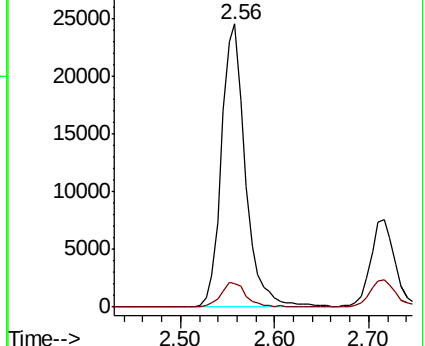
76 100

78 8.5 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: 22.585 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012214.D

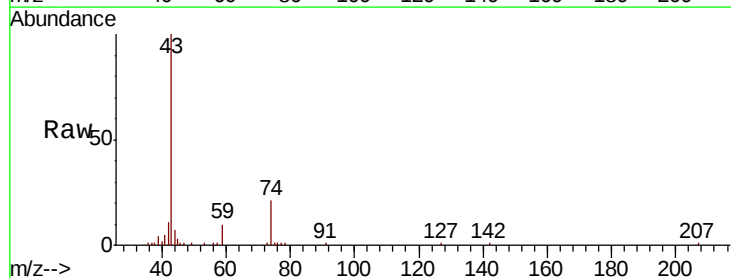
Acq: 08 Sep 2019 11:05

Tgt Ion: 43 Resp: 17359

Ion Ratio Lower Upper

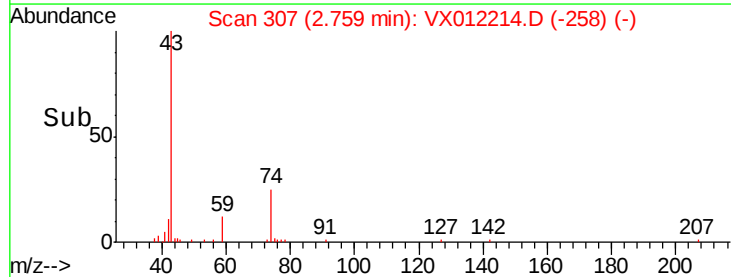
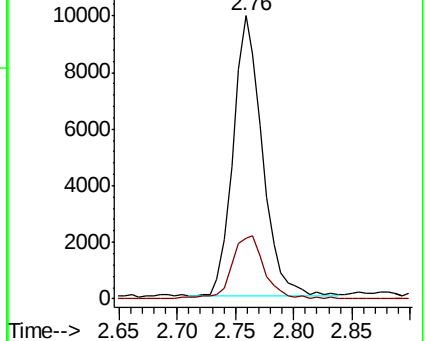
43 100

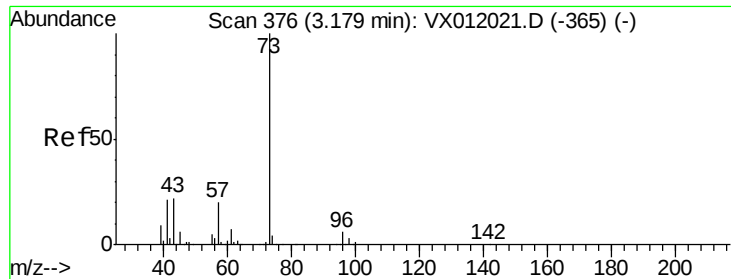
74 25.2 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



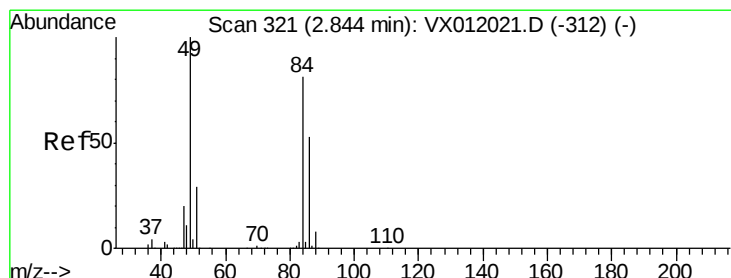
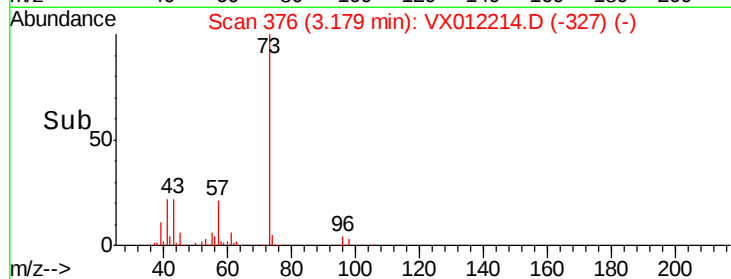
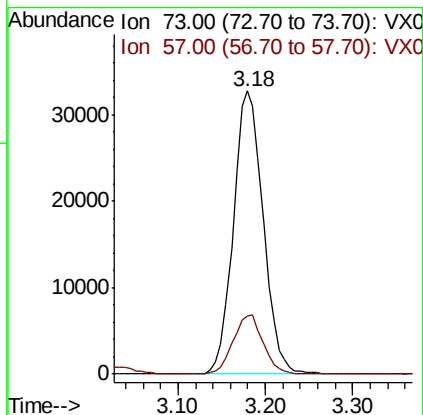
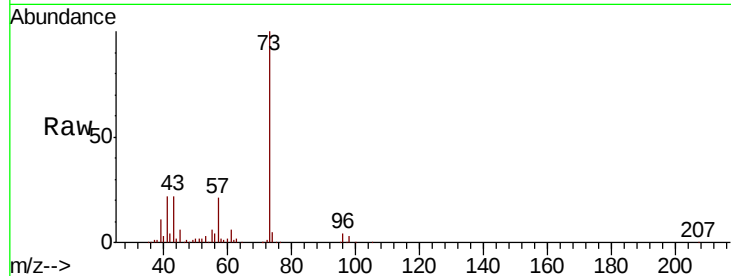


#19

Methyl tert-butyl Ether
 Concen: 24.444 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: VX012214.D
 Acq: 08 Sep 2019 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS01

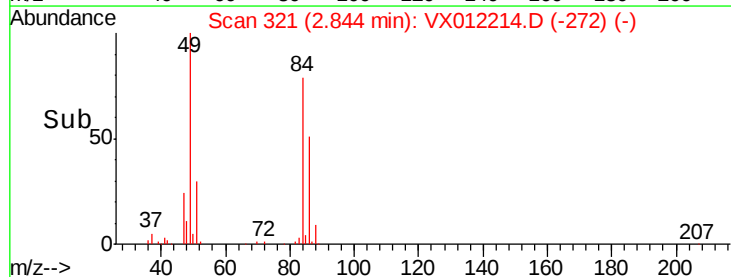
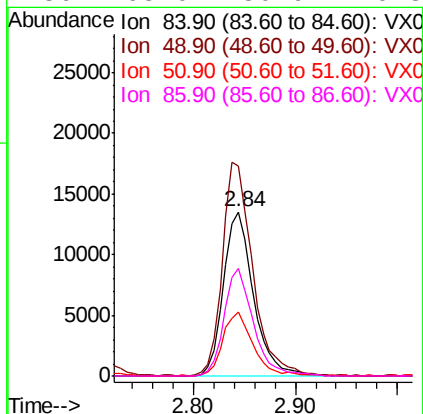
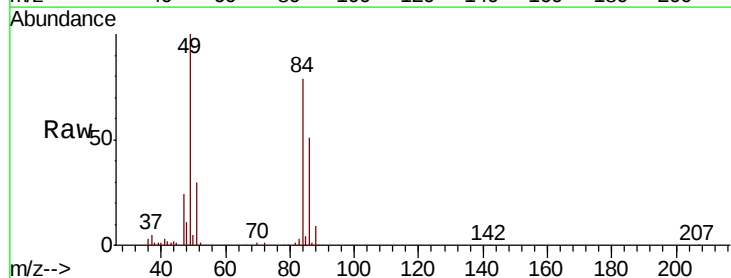
Tgt Ion: 73 Resp: 77521
 Ion Ratio Lower Upper
 73 100
 57 20.7 16.6 25.0

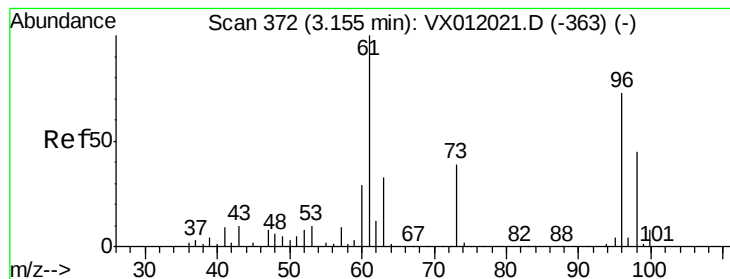


#20

Methylene Chloride
 Concen: 21.128 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VX012214.D
 Acq: 08 Sep 2019 11:05

Tgt Ion: 84 Resp: 27681
 Ion Ratio Lower Upper
 84 100
 49 127.3 95.8 143.8
 51 38.8 28.6 43.0
 86 65.0 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 21.063 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS01

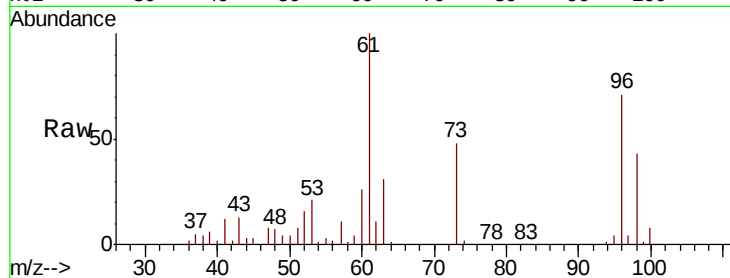
Tgt Ion: 96 Resp: 24078

Ion Ratio Lower Upper

96 100

61 140.5 107.0 160.6

98 59.7 49.8 74.6

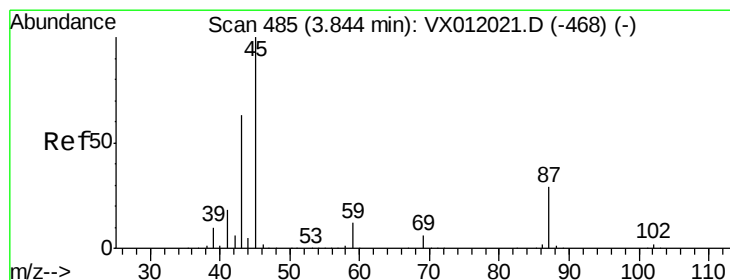
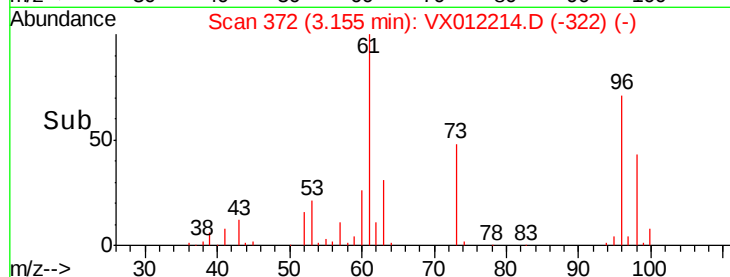
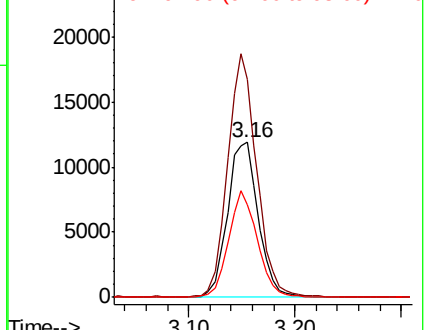


Abundance

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: 25.246 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Tgt Ion: 45 Resp: 90704

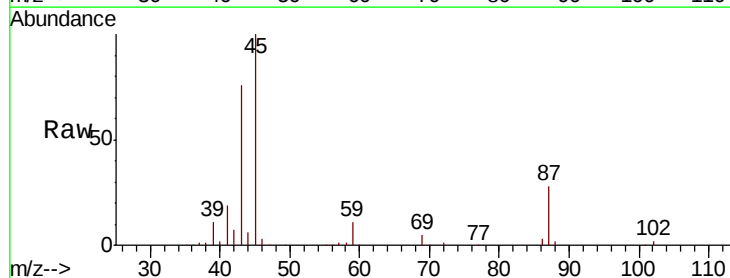
Ion Ratio Lower Upper

45 100

43 74.9 54.2 81.4

87 27.8 23.4 35.0

59 11.3 9.0 13.6



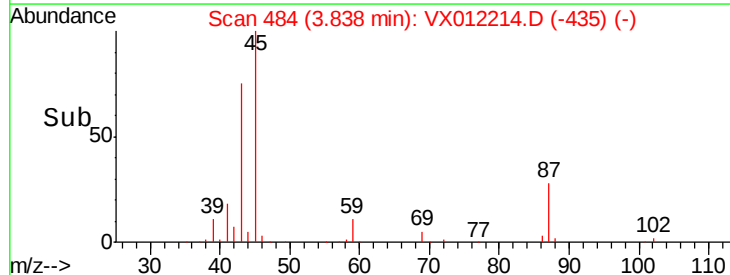
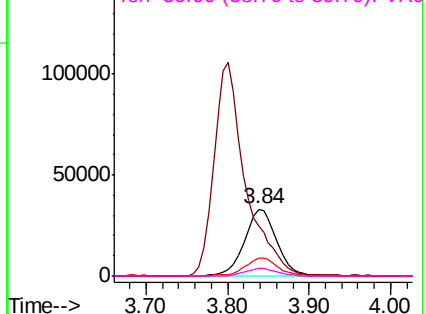
Abundance

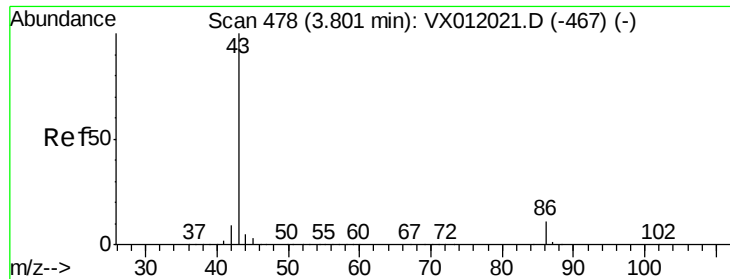
Ion 45.00 (44.70 to 45.70): VX0

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

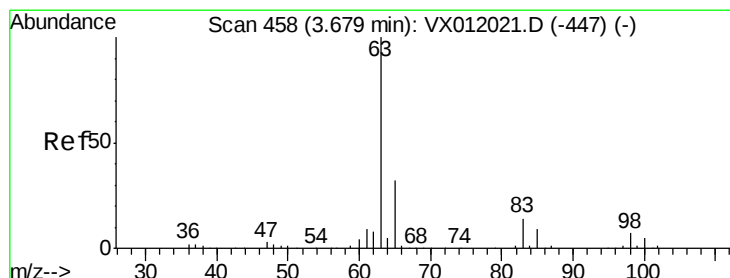
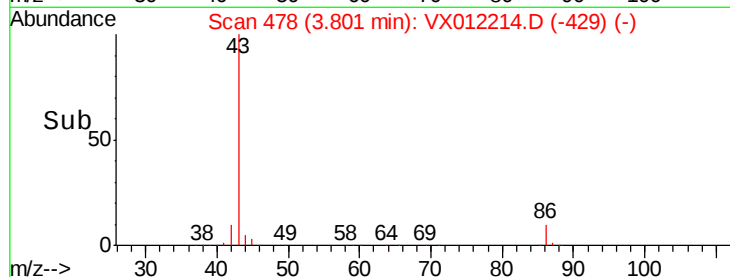
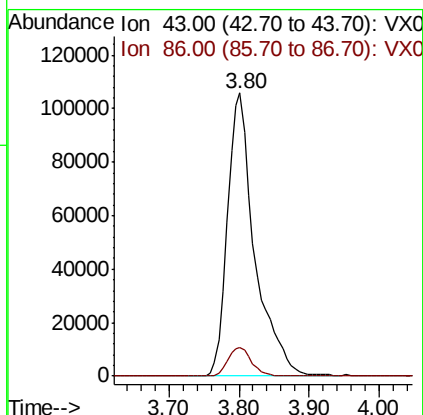
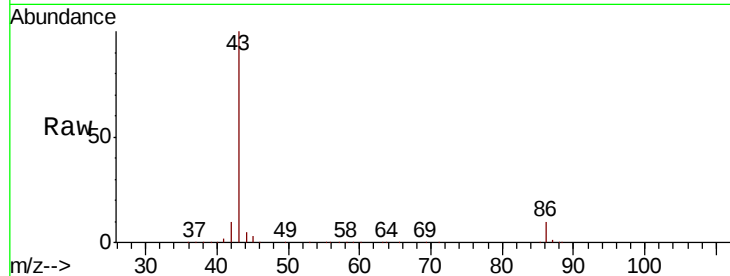




#23
 Vinyl Acetate
 Concen: 123.057 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX012214.D
 Acq: 08 Sep 2019 11:05

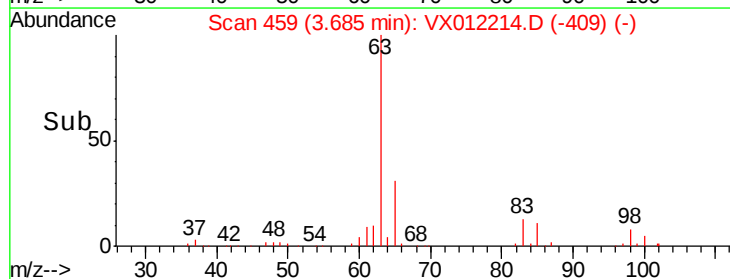
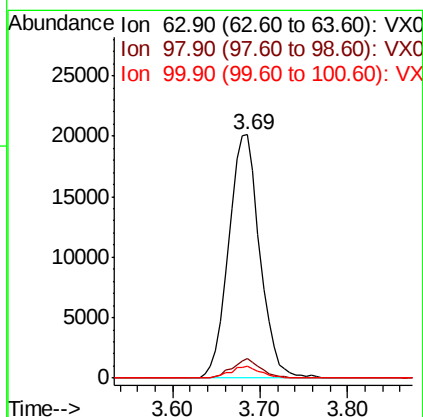
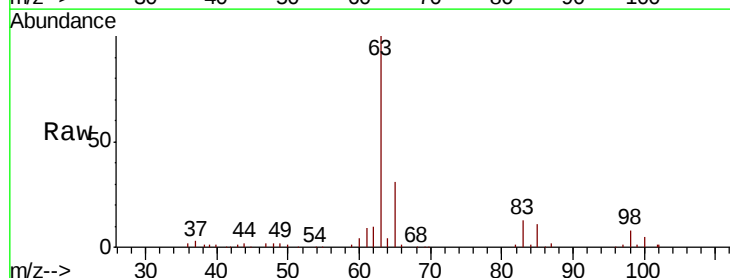
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS01

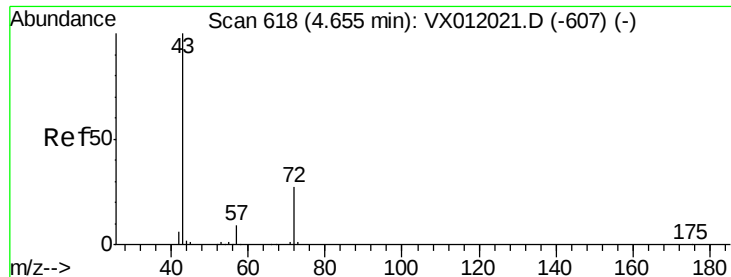
Tgt Ion: 43 Resp: 285999
 Ion Ratio Lower Upper
 43 100
 86 10.2 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 23.913 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.01 min
 Lab File: VX012214.D
 Acq: 08 Sep 2019 11:05

Tgt Ion: 63 Resp: 49827
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.8 2.5 7.4





#25

2-Butanone

Concen: 130.685 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

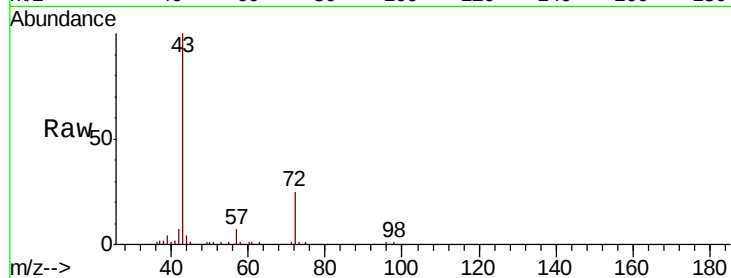
VX0908SBS01

Tgt Ion: 43 Resp: 54275

Ion Ratio Lower Upper

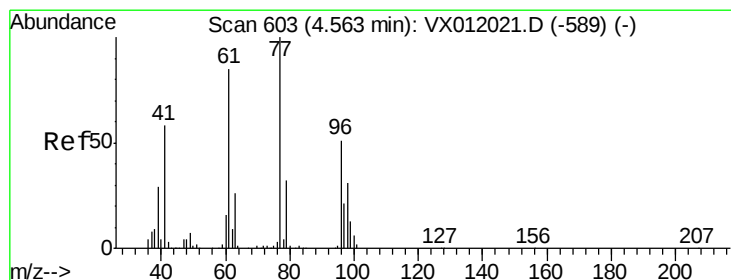
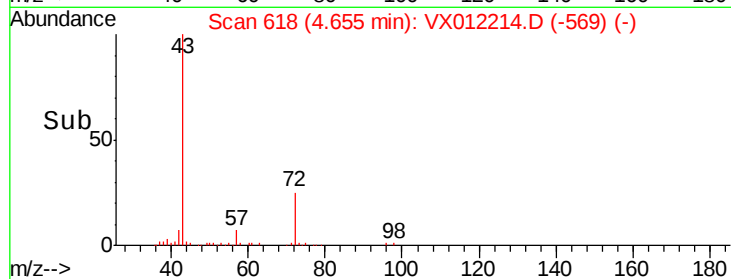
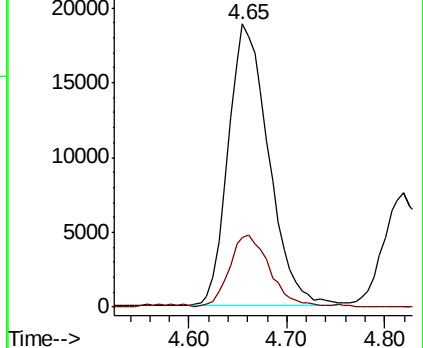
43 100

72 24.2 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: 25.027 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012214.D

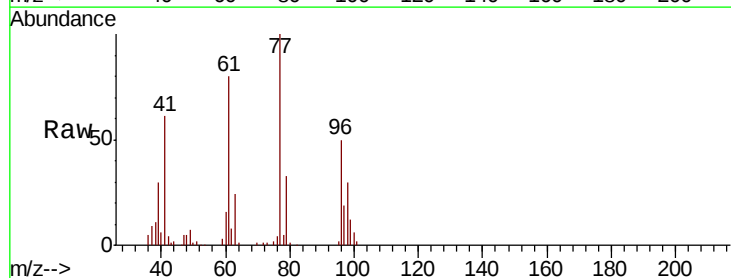
Acq: 08 Sep 2019 11:05

Tgt Ion: 77 Resp: 48147

Ion Ratio Lower Upper

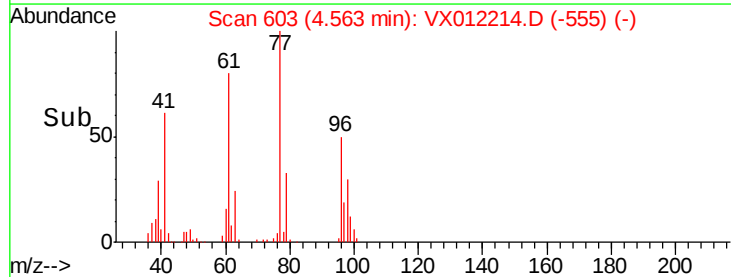
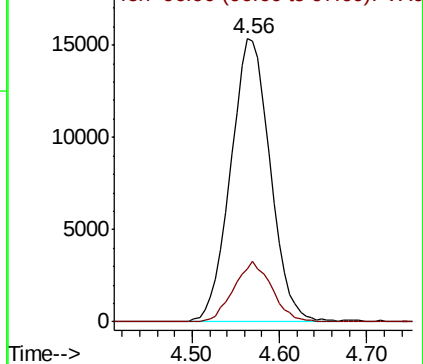
77 100

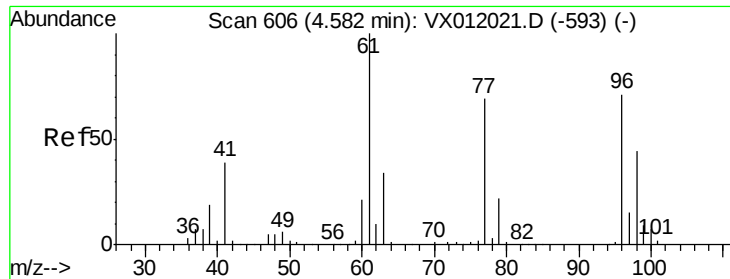
97 20.6 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



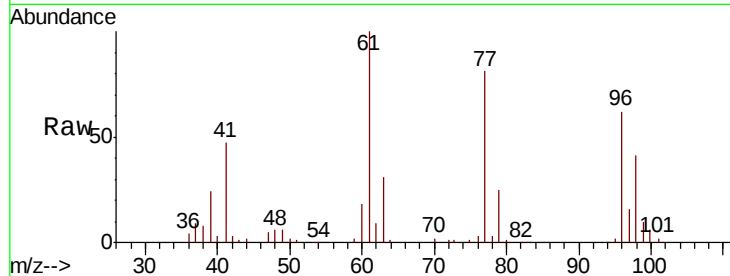


#27

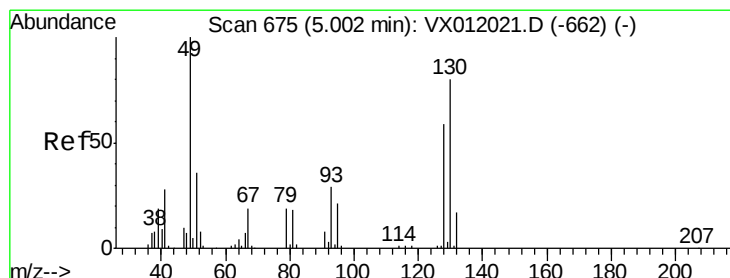
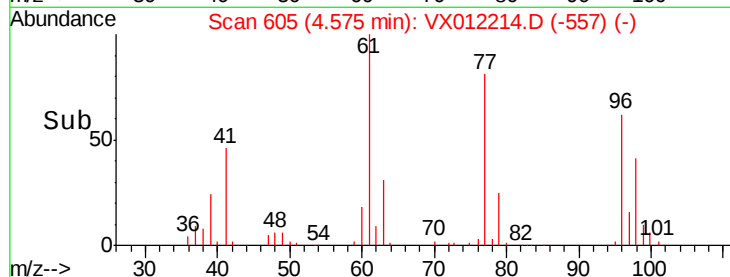
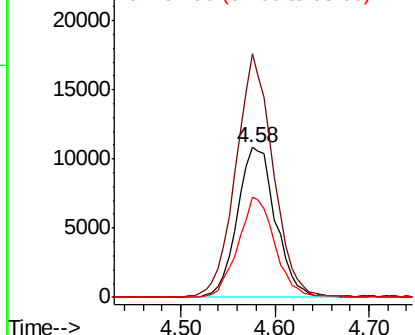
cis-1,2-Dichloroethene
Concen: 23.041 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX012214.D
Acq: 08 Sep 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS01

Tgt Ion: 96 Resp: 30875
Ion Ratio Lower Upper
96 100
61 158.0 0.0 277.0
98 64.5 0.0 128.4



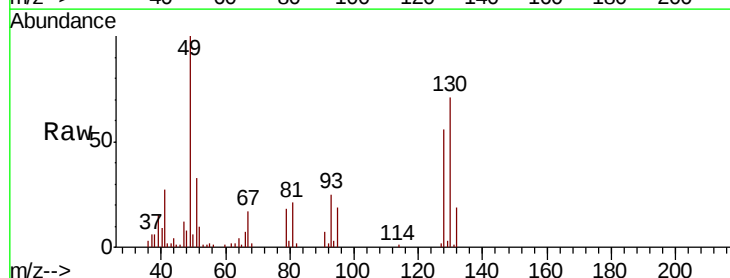
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



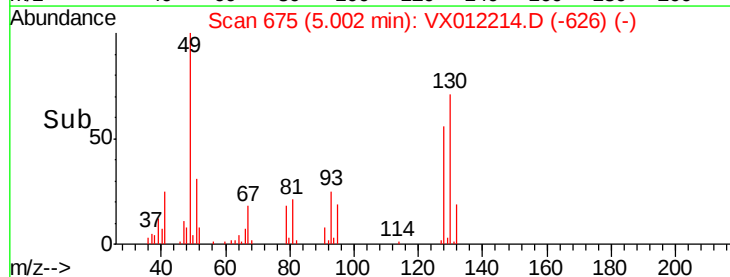
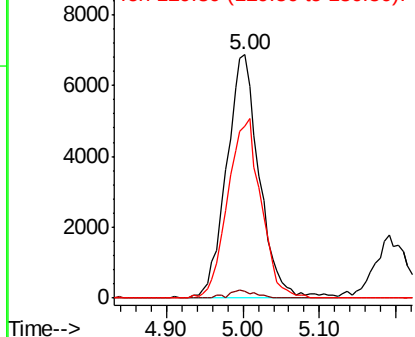
#28

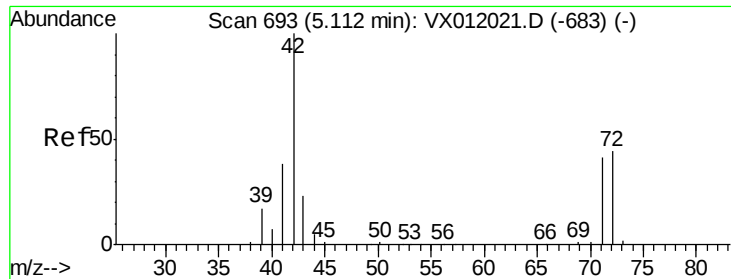
Bromochloromethane
Concen: 24.527 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX012214.D
Acq: 08 Sep 2019 11:05

Tgt Ion: 49 Resp: 20401
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.6
130 74.9 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: 125.255 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampled :

VX0908SBS01

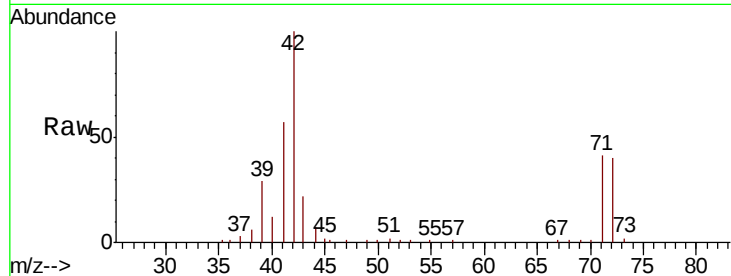
Tgt Ion: 42 Resp: 31342

Ion Ratio Lower Upper

42 100

72 44.0 37.0 55.4

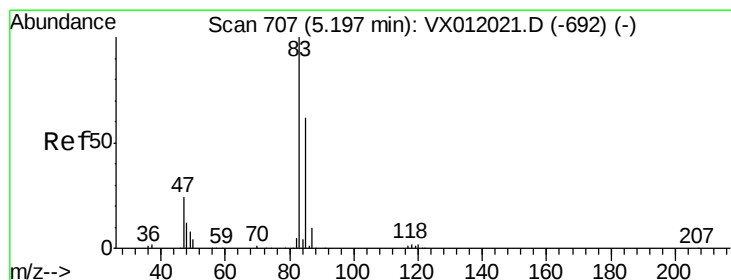
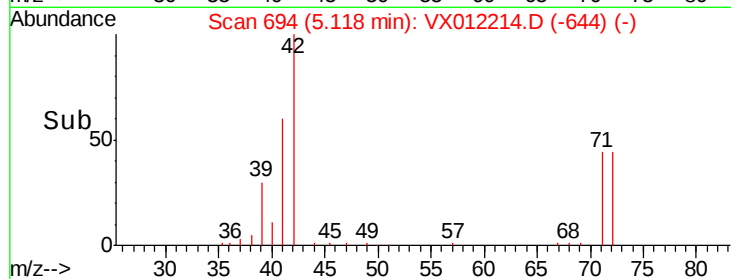
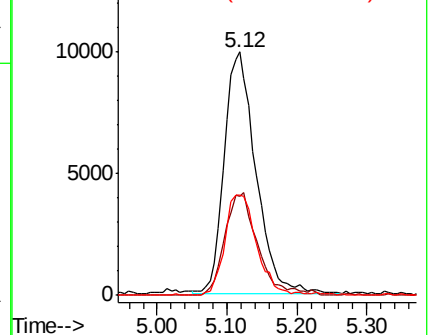
71 42.0 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 24.915 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.01 min

Lab File: VX012214.D

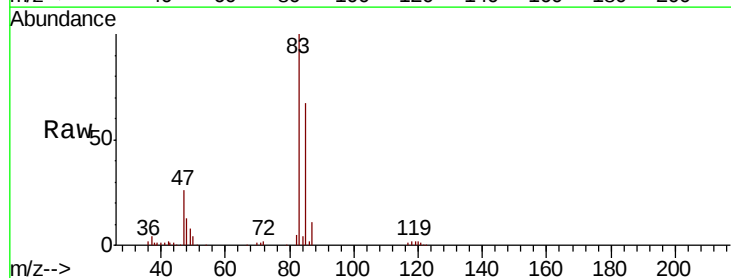
Acq: 08 Sep 2019 11:05

Tgt Ion: 83 Resp: 55706

Ion Ratio Lower Upper

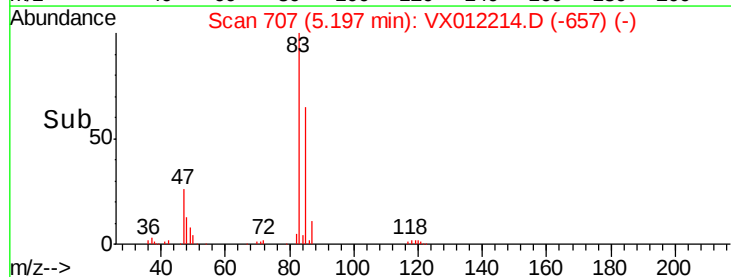
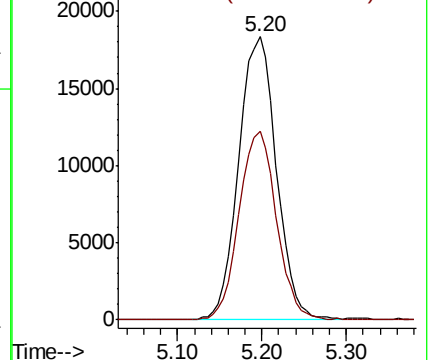
83 100

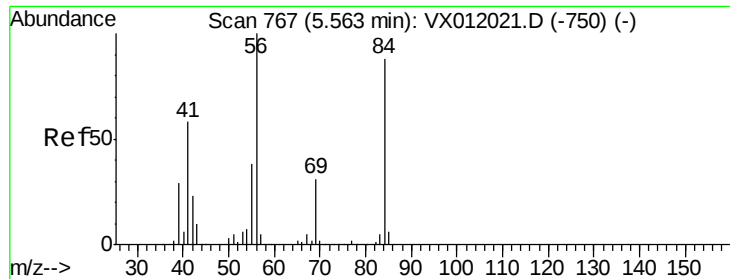
85 66.8 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

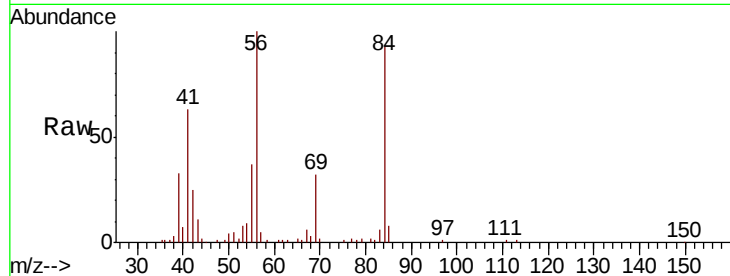




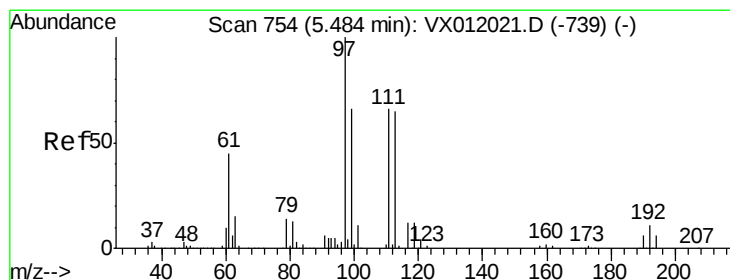
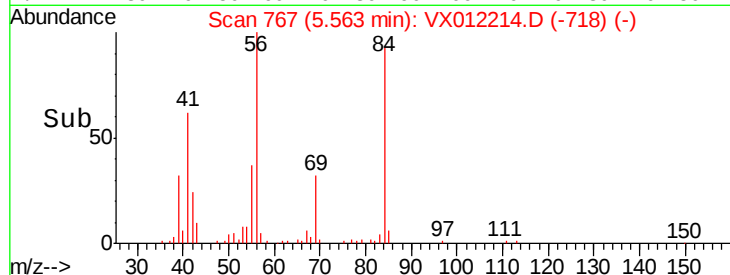
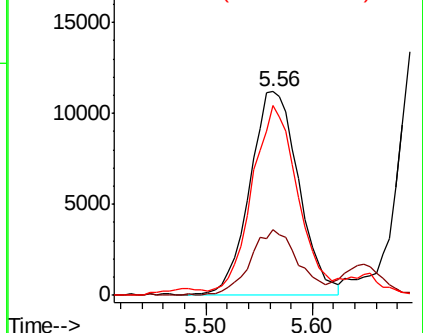
#31
Cyclohexane
Concen: 21.514 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX012214.D
Acq: 08 Sep 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS01

Tgt Ion: 56 Resp: 36003
Ion Ratio Lower Upper
56 100
69 31.3 25.7 38.5
84 89.9 70.3 105.5

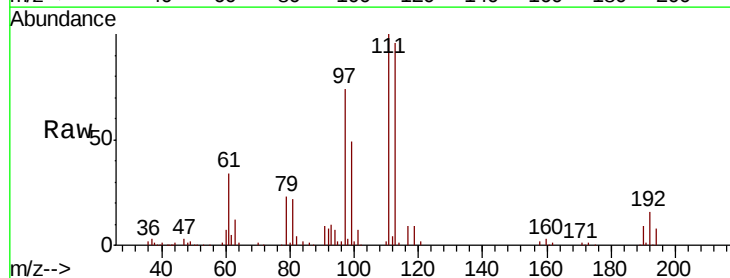


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

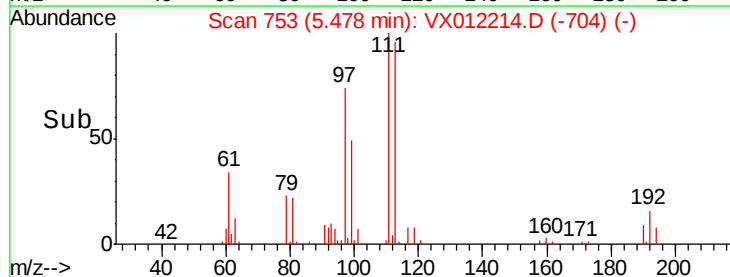
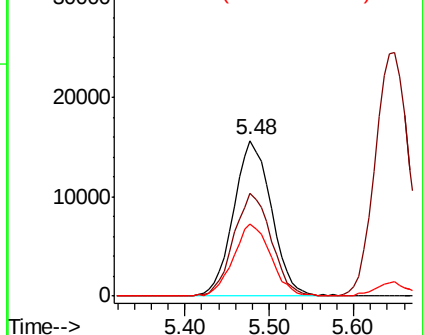


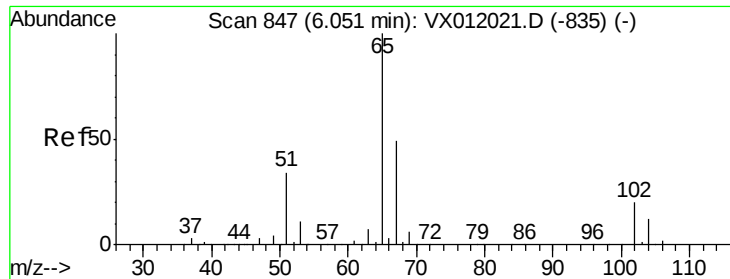
#32
1,1,1-Trichloroethane
Concen: 24.406 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX012214.D
Acq: 08 Sep 2019 11:05

Tgt Ion: 97 Resp: 47526
Ion Ratio Lower Upper
97 100
99 65.7 52.1 78.1
61 46.3 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: 58.290 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

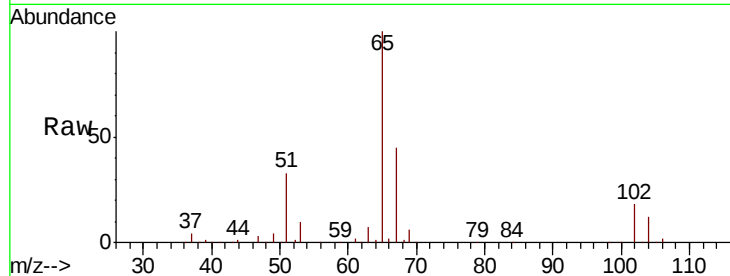
VX0908SBS01

Tgt Ion: 65 Resp: 79566

Ion Ratio Lower Upper

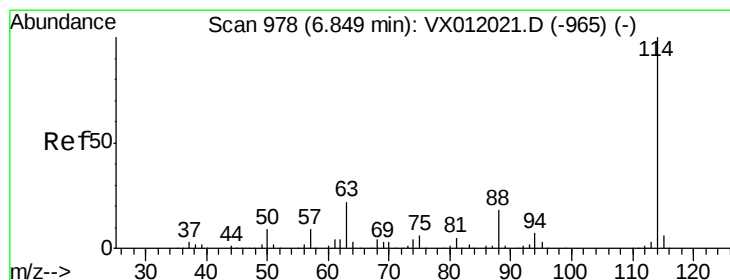
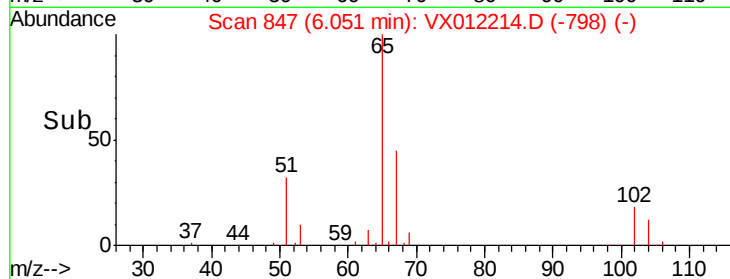
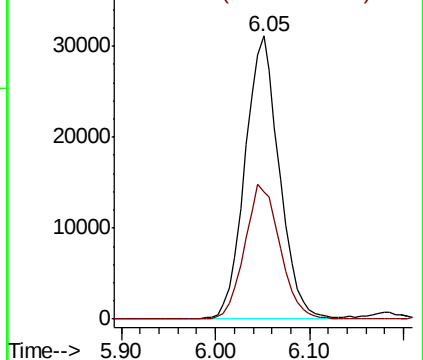
65 100

67 49.2 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

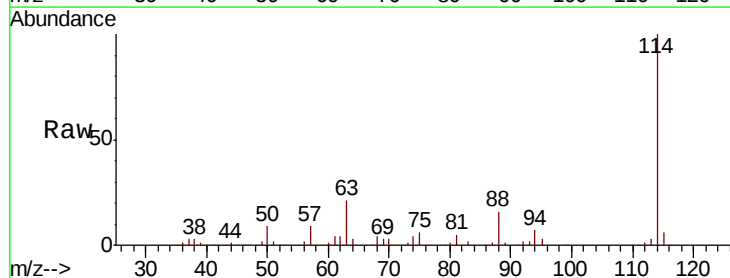
Tgt Ion: 114 Resp: 174375

Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.4

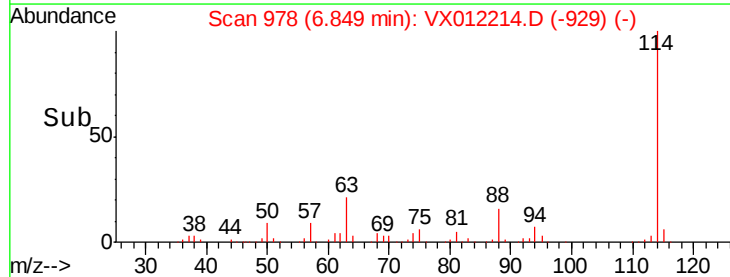
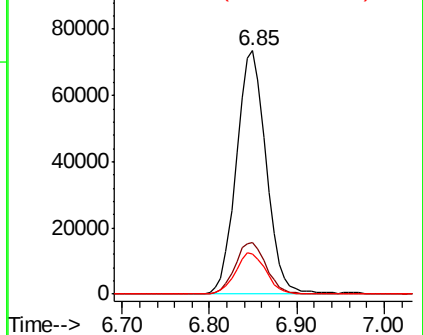
88 16.5 0.0 29.6

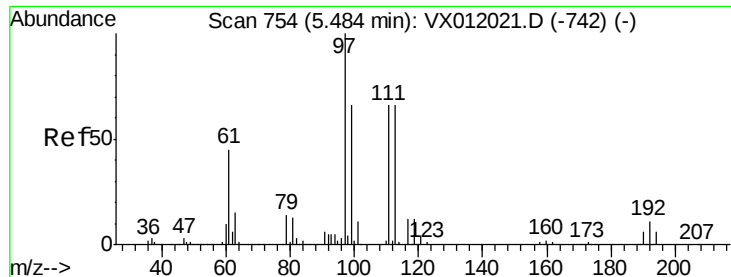


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 58.238 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS01

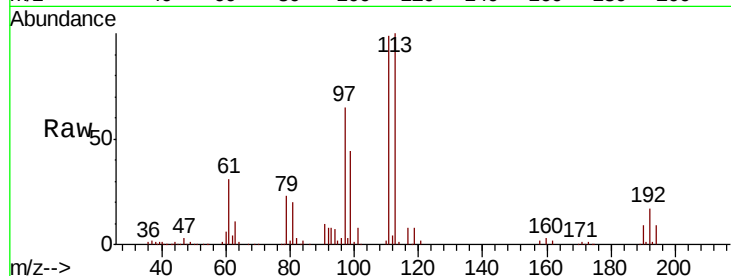
Tgt Ion:113 Resp: 62452

Ion Ratio Lower Upper

113 100

111 102.7 81.7 122.5

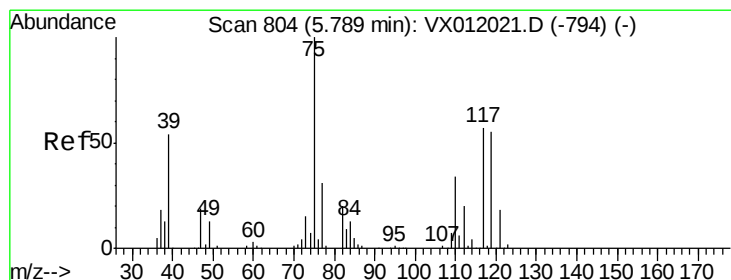
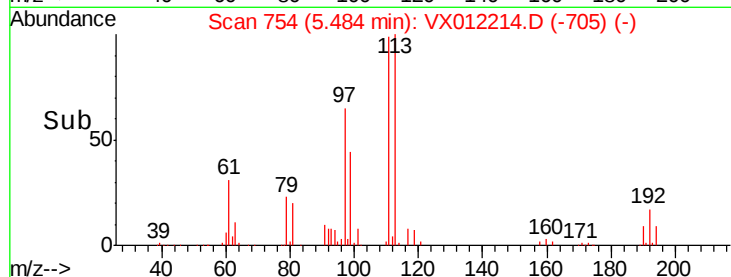
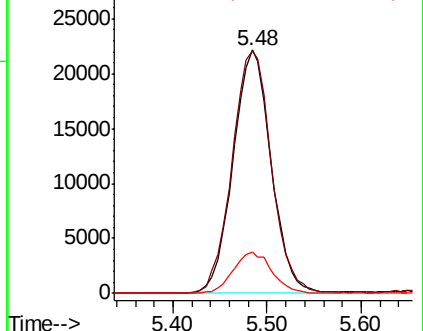
192 17.2 22.5 33.7#



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 22.921 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

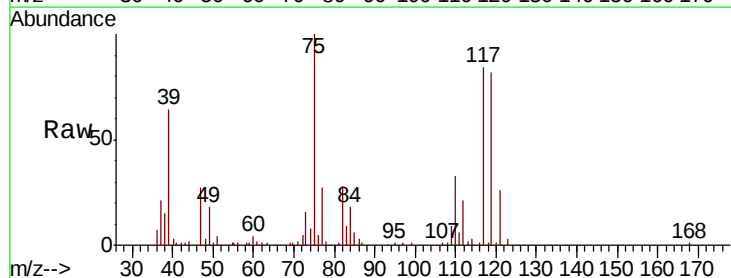
Tgt Ion: 75 Resp: 35203

Ion Ratio Lower Upper

75 100

110 34.9 19.5 58.5

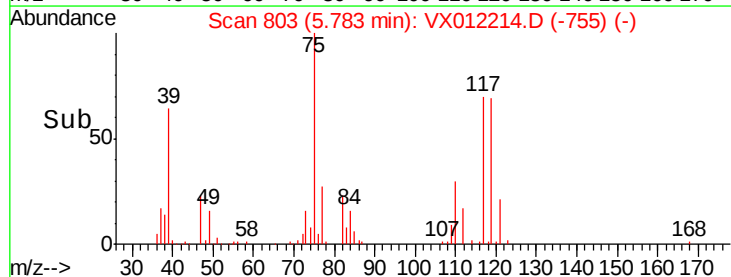
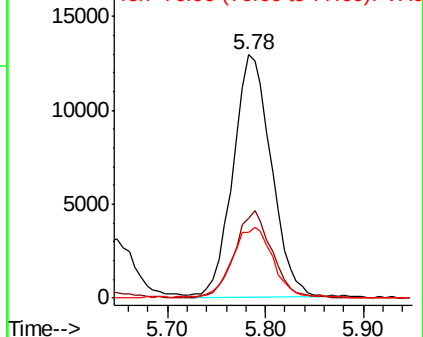
77 31.6 24.6 37.0

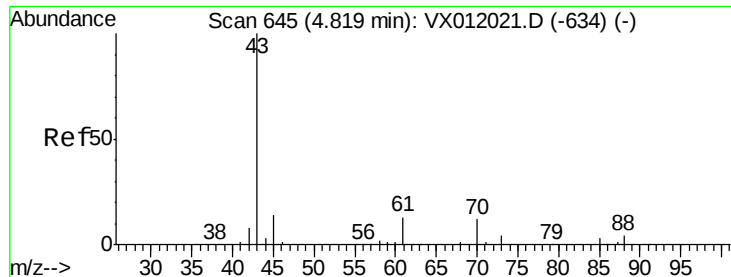


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 26.448 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.01 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS01

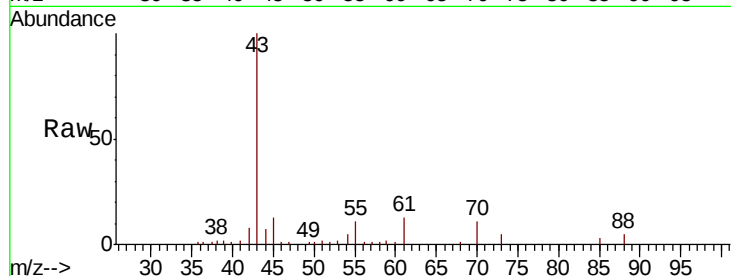
Tgt Ion: 43 Resp: 22088

Ion Ratio Lower Upper

43 100

61 14.2 10.9 16.3

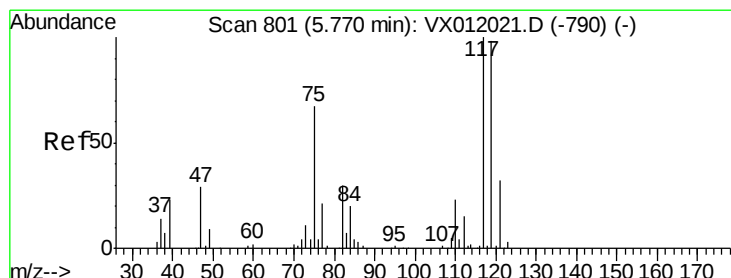
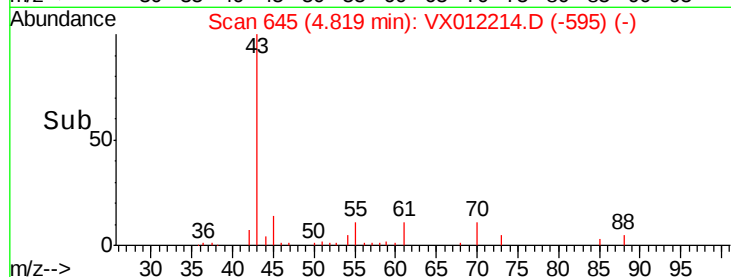
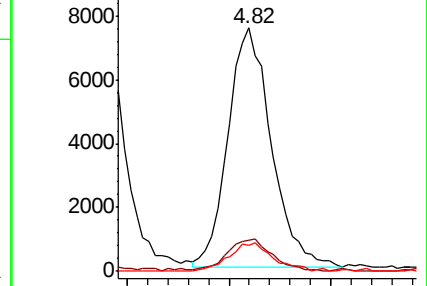
70 11.9 9.4 14.0



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: 24.942 ug/l

RT: 5.76 min Scan# 800

Delta R.T. -0.01 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

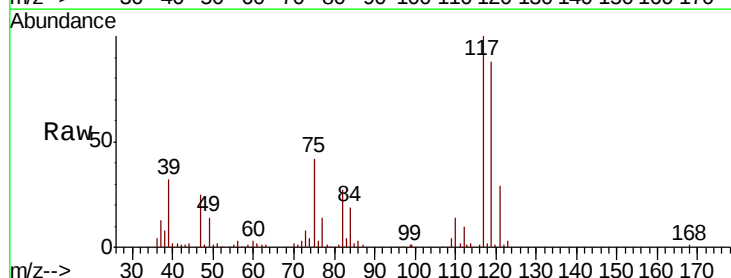
Tgt Ion: 117 Resp: 40365

Ion Ratio Lower Upper

117 100

119 87.7 78.3 117.5

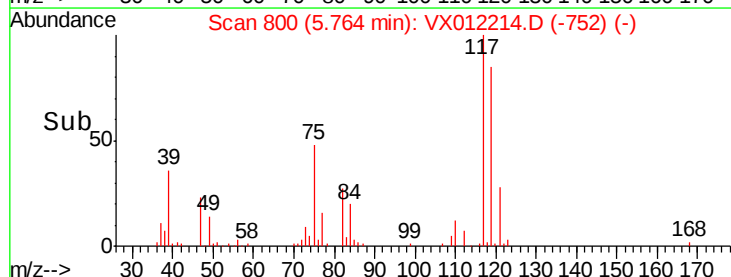
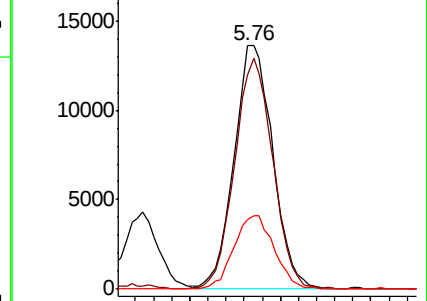
121 28.6 24.2 36.2

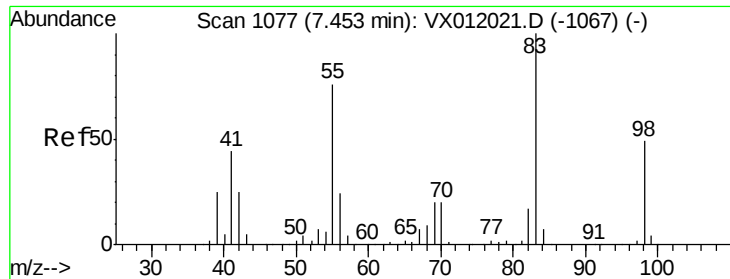


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

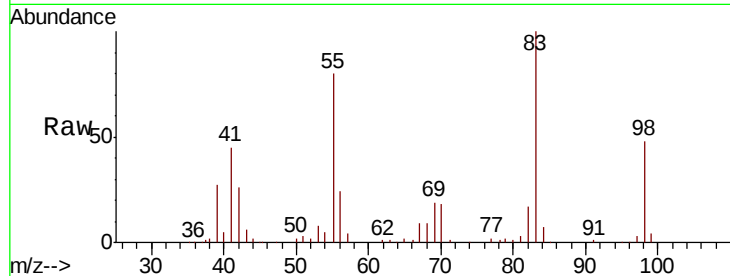




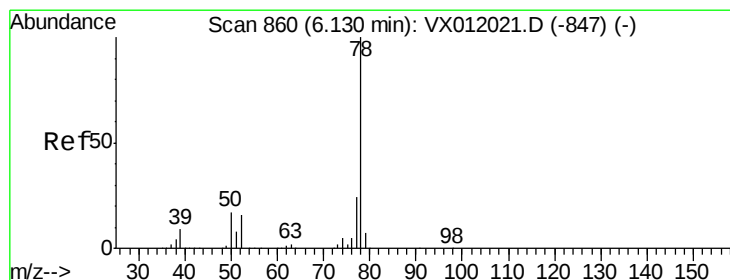
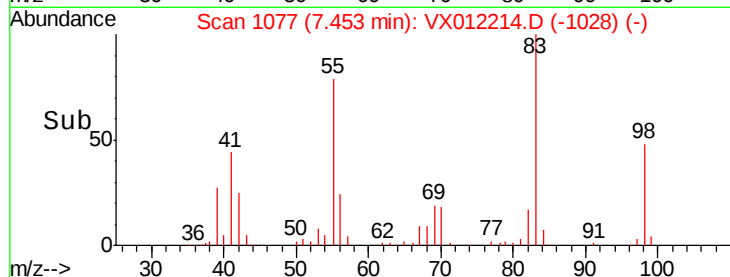
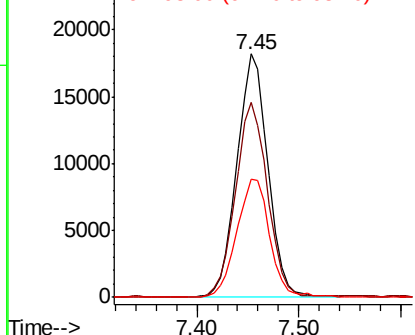
#39
Methylcyclohexane
Concen: 21.594 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012214.D
Acq: 08 Sep 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS01

Tgt Ion: 83 Resp: 38491
Ion Ratio Lower Upper
83 100
55 79.5 59.6 89.4
98 48.4 41.4 62.0

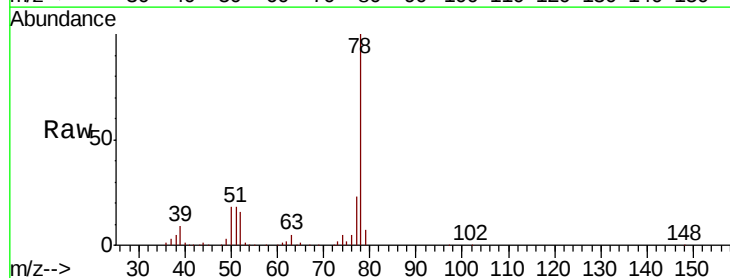


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

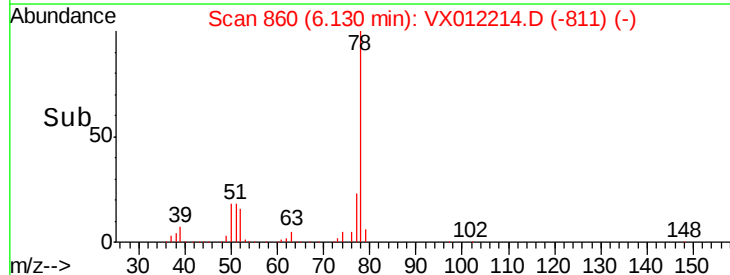
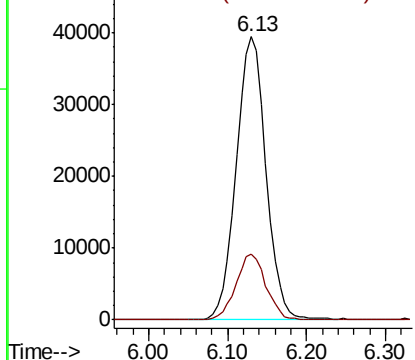


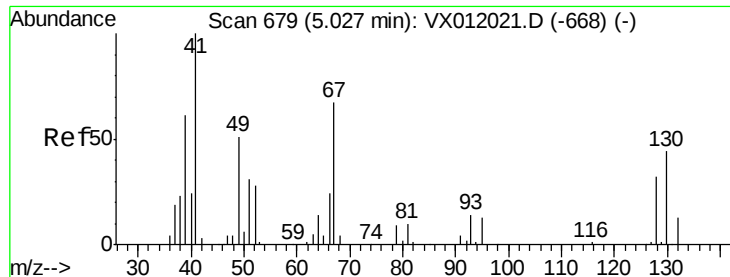
#40
Benzene
Concen: 23.498 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012214.D
Acq: 08 Sep 2019 11:05

Tgt Ion: 78 Resp: 103603
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9



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





#41

Methacrylonitrile

Concen: 27.148 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS01

Tgt Ion: 41 Resp: 13521

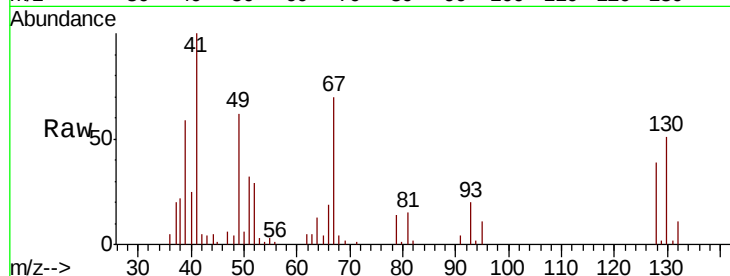
Ion Ratio Lower Upper

41 100

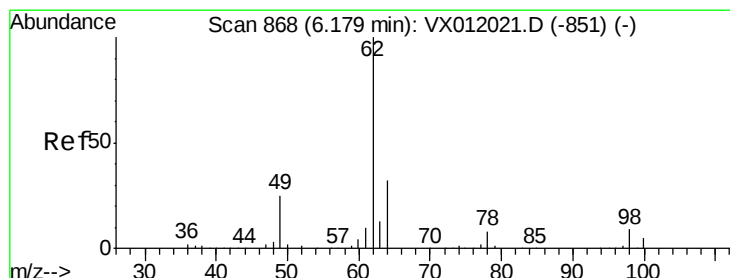
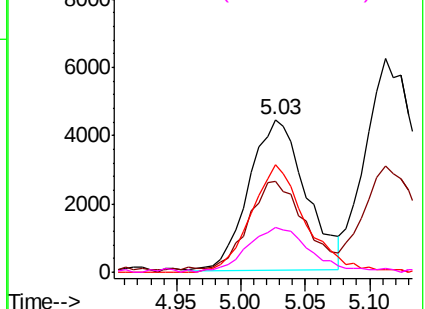
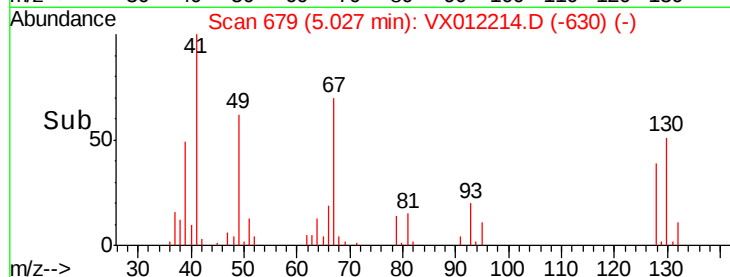
39 57.7 46.7 70.1

67 68.7 57.0 85.6

52 32.7 23.5 35.3



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 26.586 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX012214.D

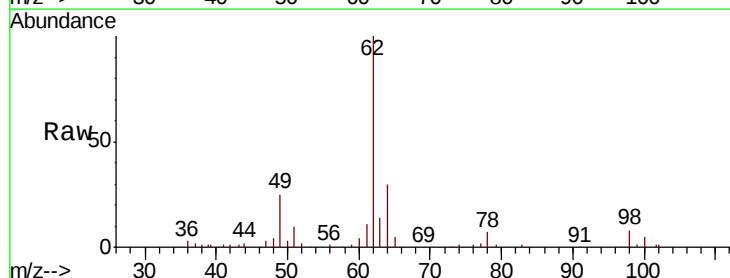
Acq: 08 Sep 2019 11:05

Tgt Ion: 62 Resp: 42183

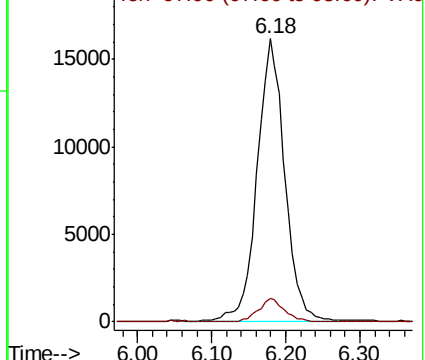
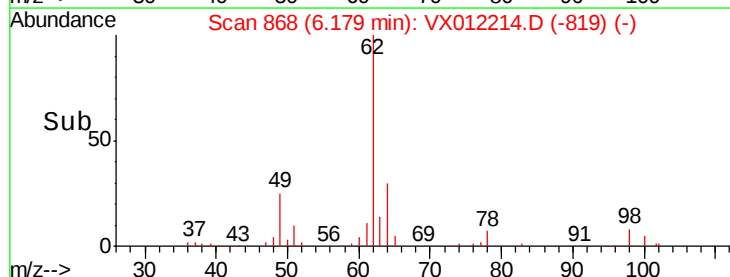
Ion Ratio Lower Upper

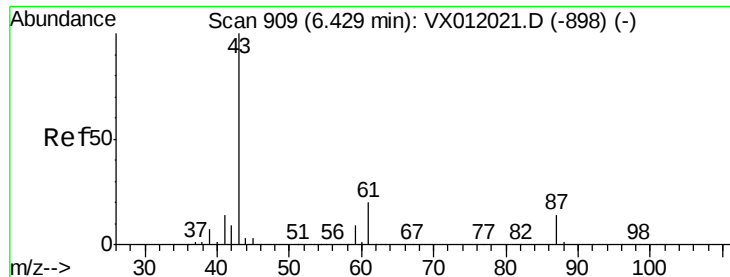
62 100

98 7.7 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 26.539 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS01

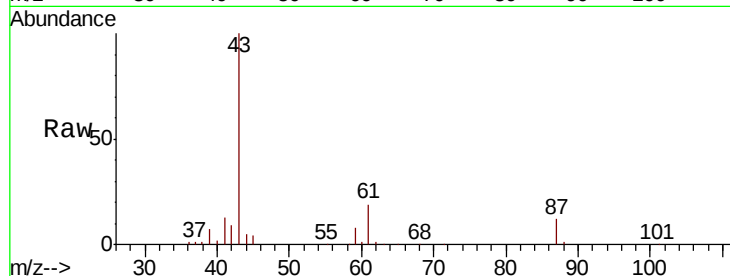
Tgt Ion: 43 Resp: 45068

Ion Ratio Lower Upper

43 100

61 19.7 16.1 24.1

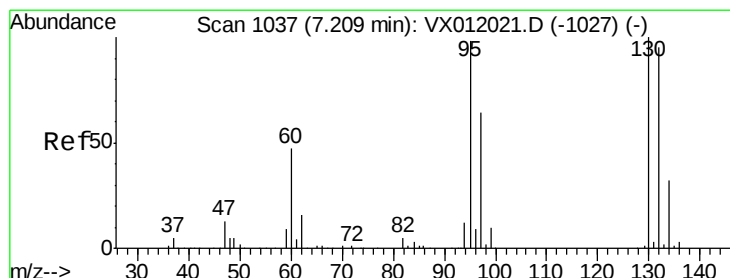
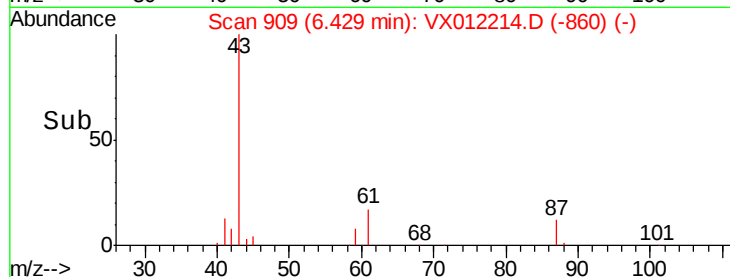
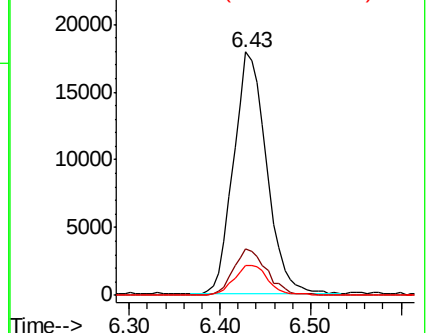
87 13.0 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 24.088 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012214.D

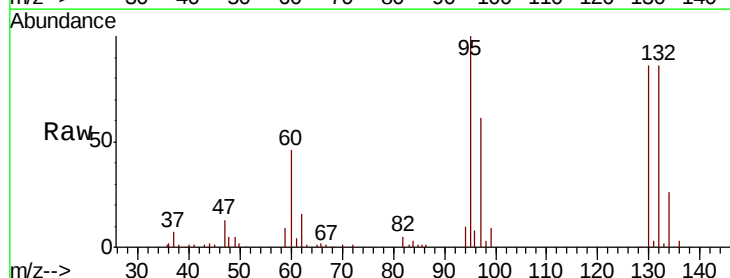
Acq: 08 Sep 2019 11:05

Tgt Ion: 130 Resp: 28645

Ion Ratio Lower Upper

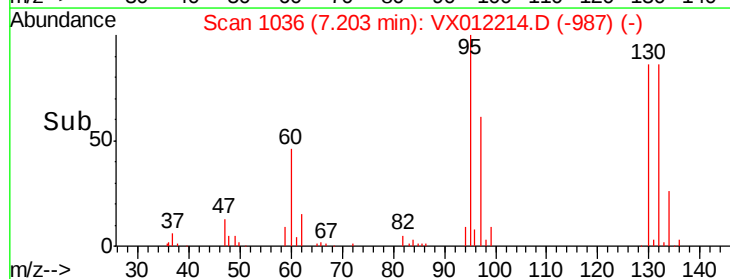
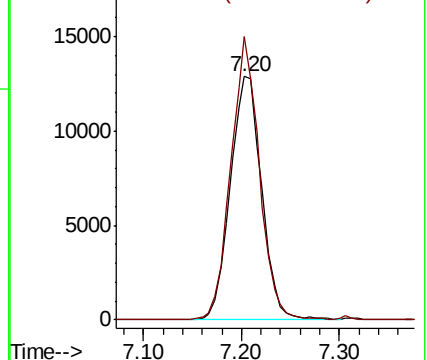
130 100

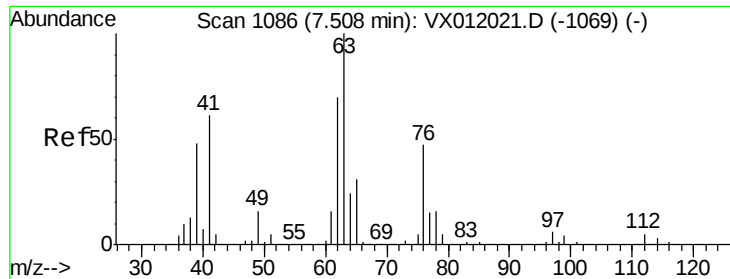
95 116.3 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 25.053 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

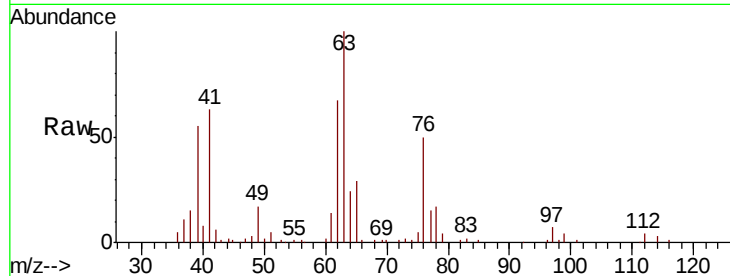
VX0908SBS01

Tgt Ion: 63 Resp: 28538

Ion Ratio Lower Upper

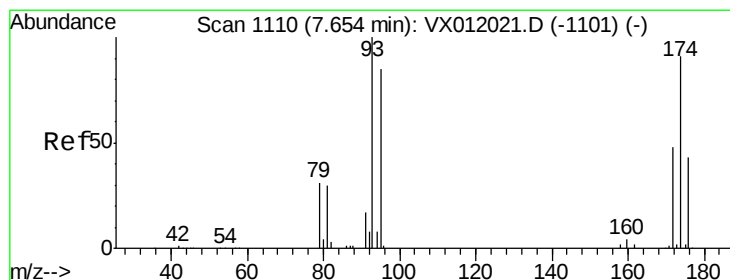
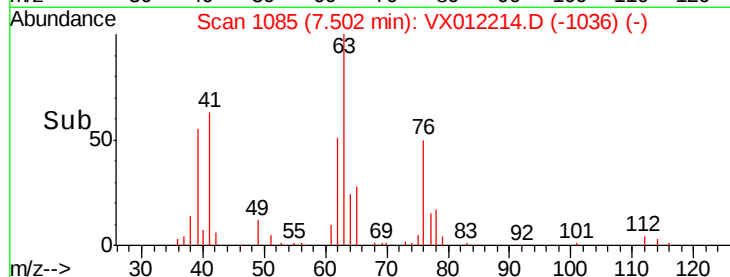
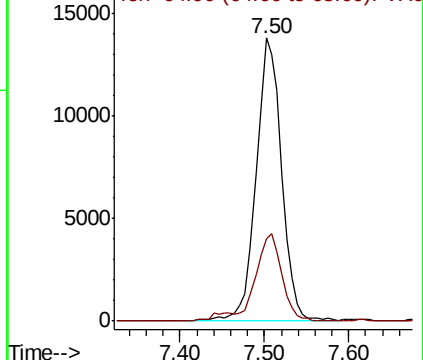
63 100

65 29.1 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 25.229 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

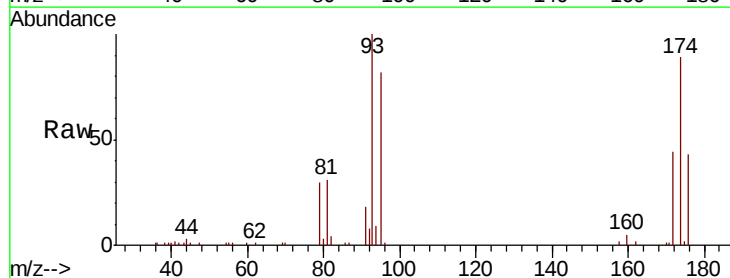
Tgt Ion: 93 Resp: 16777

Ion Ratio Lower Upper

93 100

95 80.9 66.2 99.2

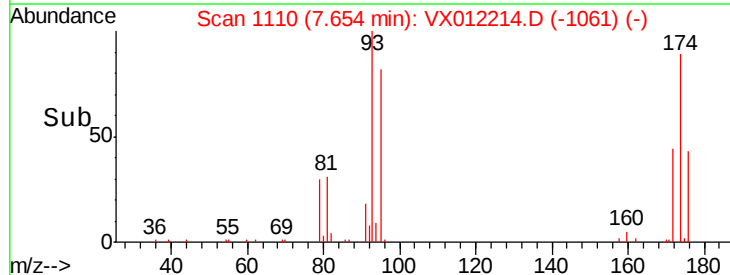
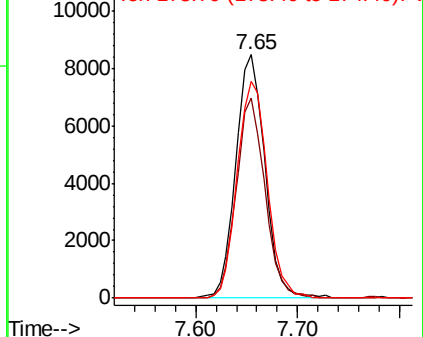
174 91.9 110.2 165.4#

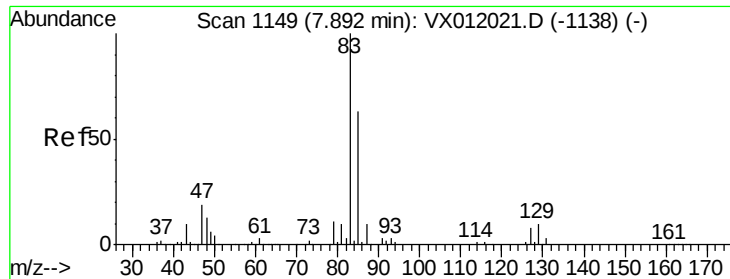


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 26.031 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS01

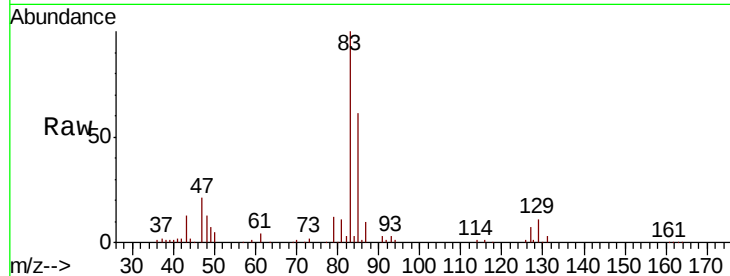
Tgt Ion: 83 Resp: 43999

Ion Ratio Lower Upper

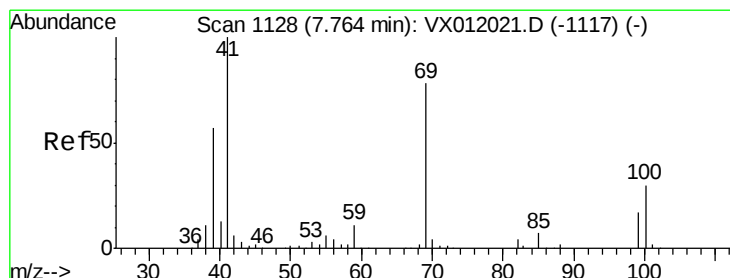
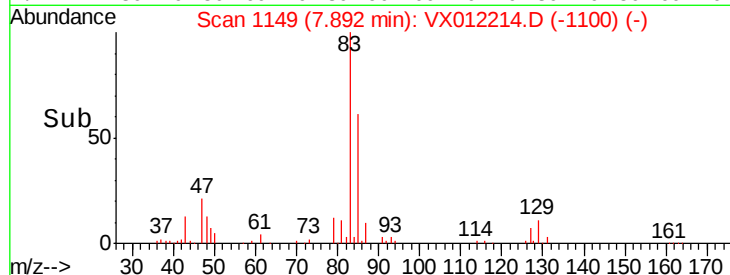
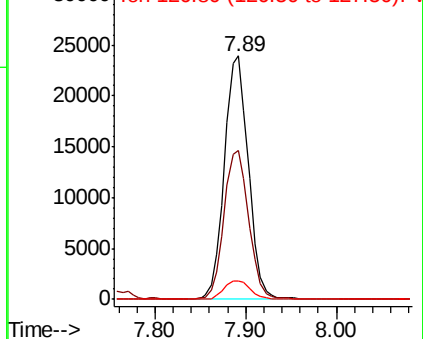
83 100

85 60.9 50.3 75.5

127 7.4 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: 25.853 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

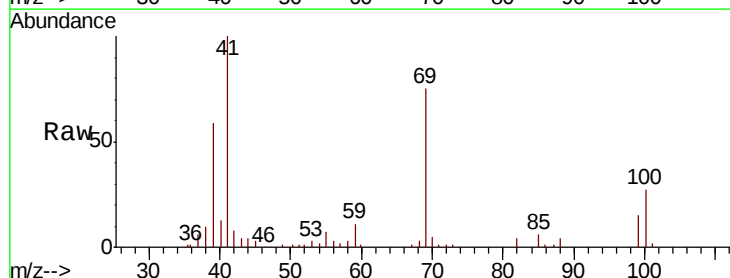
Tgt Ion: 41 Resp: 22074

Ion Ratio Lower Upper

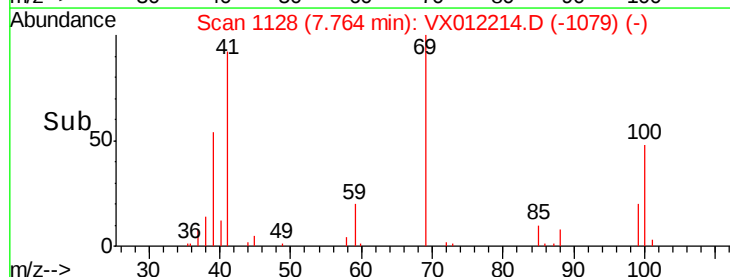
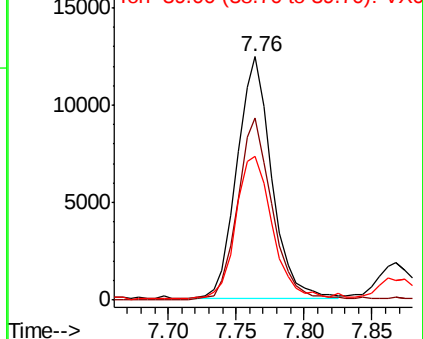
41 100

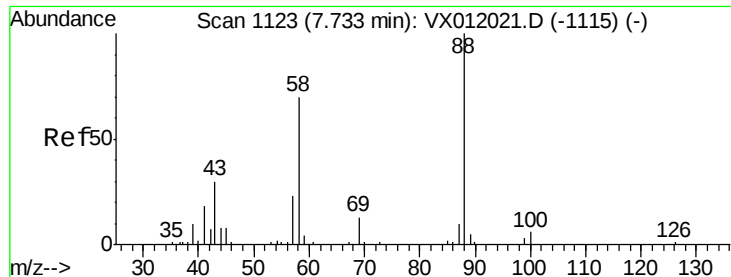
69 75.5 66.3 99.5

39 60.9 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

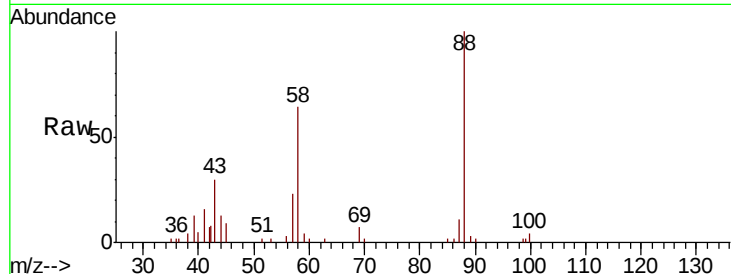




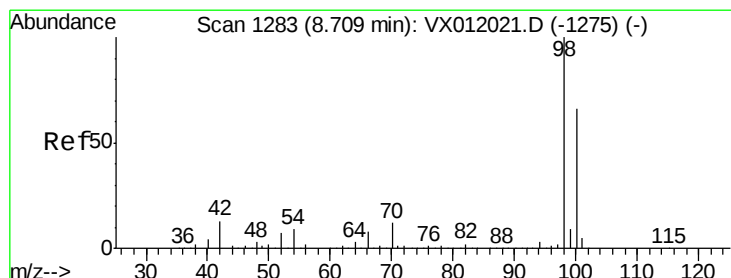
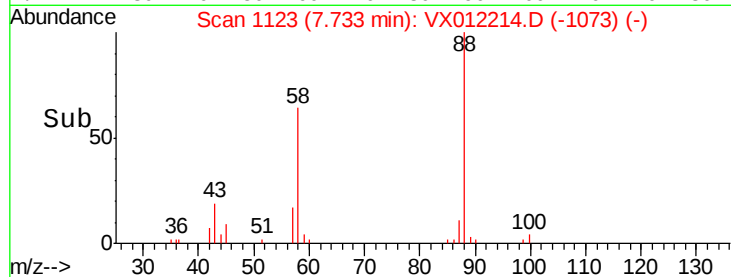
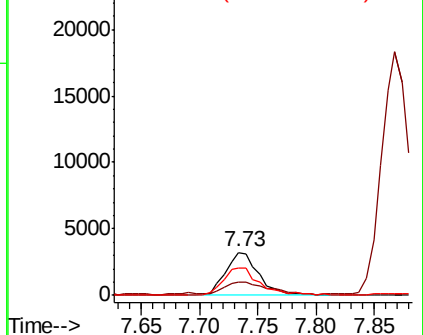
#49
1,4-Dioxane
Concen: 547.865 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX012214.D
Acq: 08 Sep 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS01

Tgt Ion: 88 Resp: 6377
Ion Ratio Lower Upper
88 100
43 36.7 29.8 44.6
58 70.4 55.4 83.2

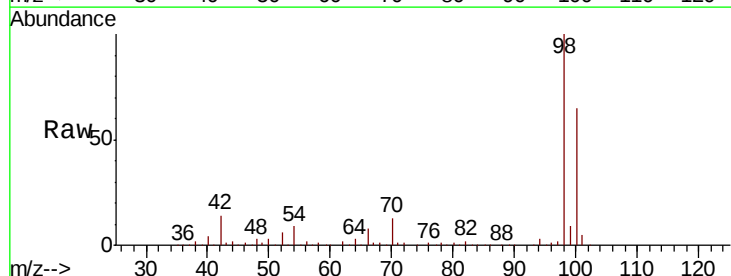


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

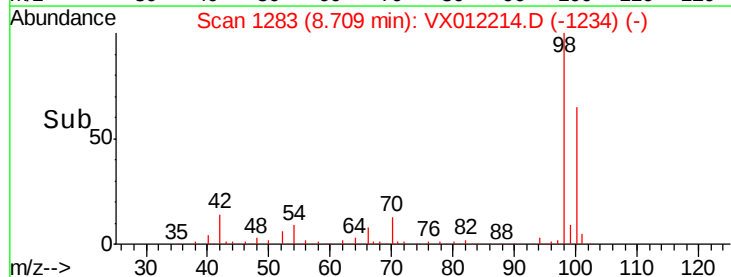
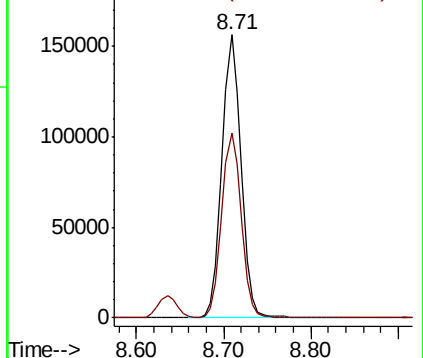


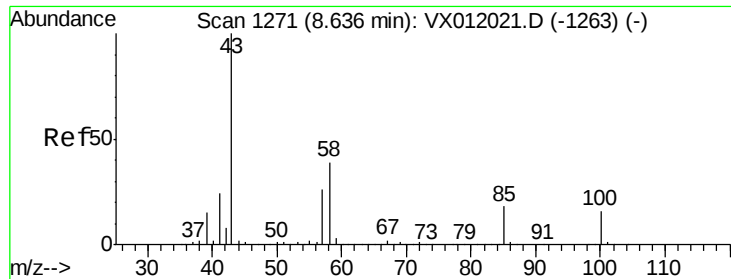
#50
Toluene-d8
Concen: 60.269 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012214.D
Acq: 08 Sep 2019 11:05

Tgt Ion: 98 Resp: 237164
Ion Ratio Lower Upper
98 100
100 66.3 53.3 79.9



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

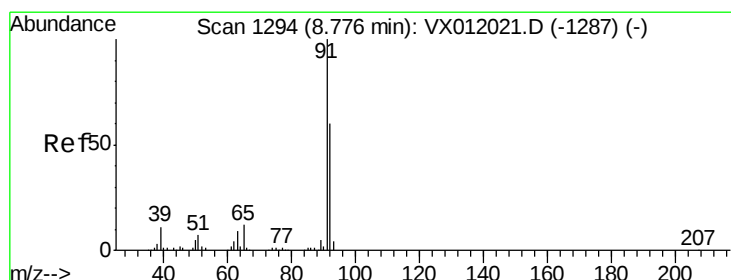
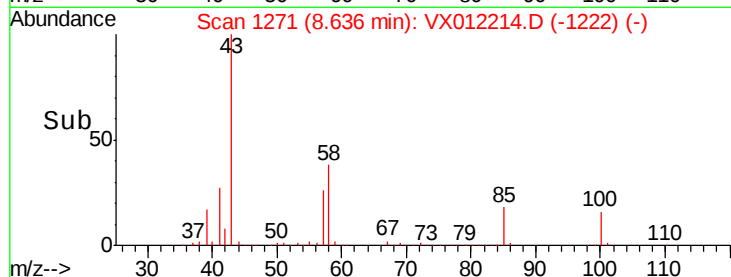
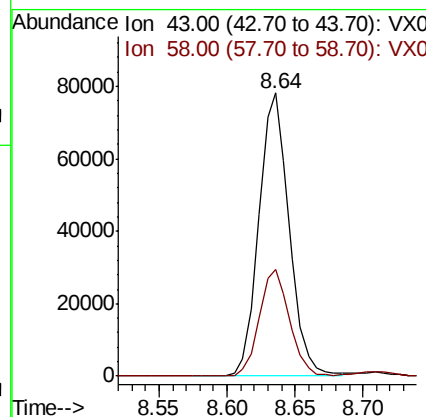
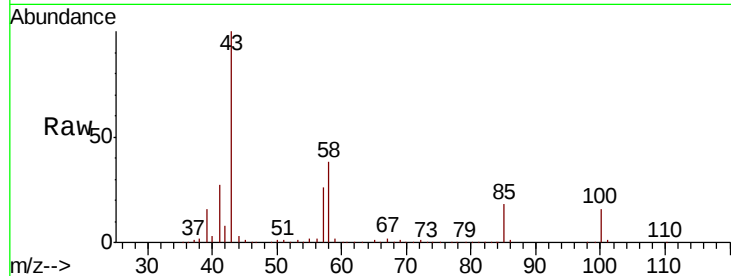




#51
 4-Methyl-2-Pentanone
 Concen: 141.045 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX012214.D
 Acq: 08 Sep 2019 11:05

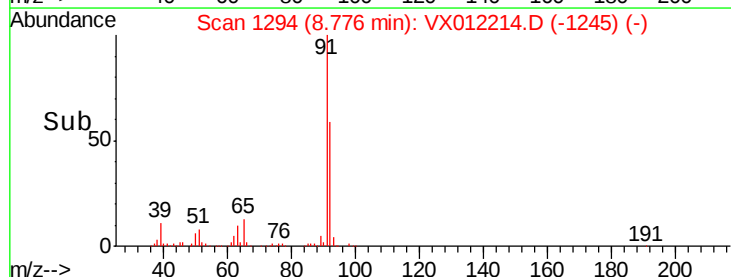
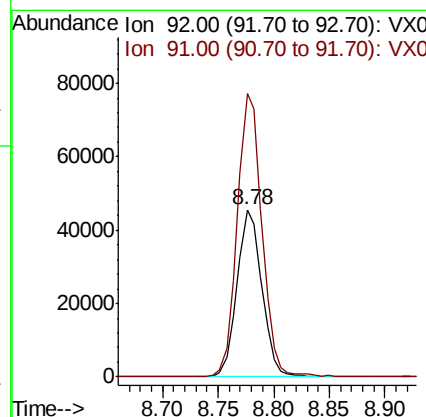
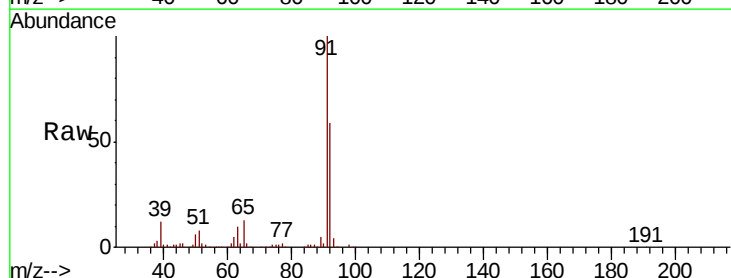
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS01

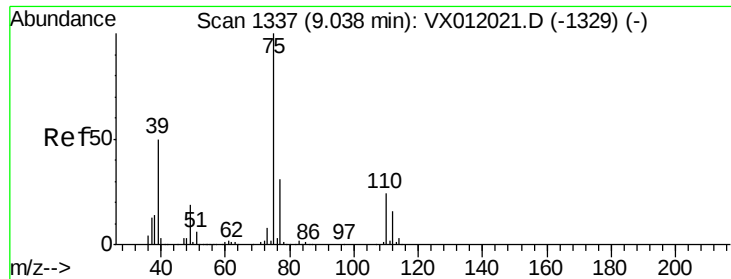
Tgt Ion: 43 Resp: 121827
 Ion Ratio Lower Upper
 43 100
 58 37.8 31.5 47.3



#52
 Toluene
 Concen: 24.598 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX012214.D
 Acq: 08 Sep 2019 11:05

Tgt Ion: 92 Resp: 70564
 Ion Ratio Lower Upper
 92 100
 91 168.7 136.0 204.0

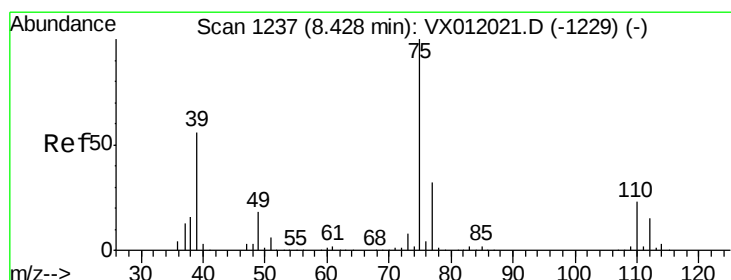
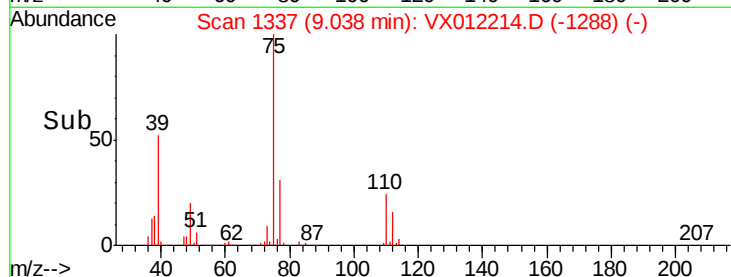
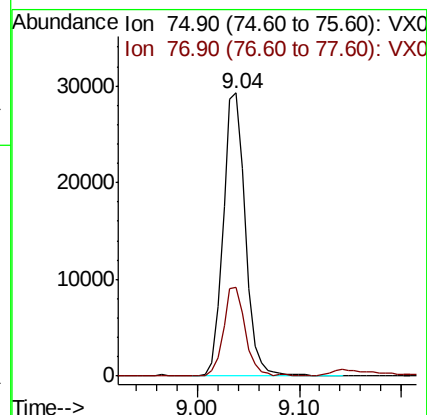
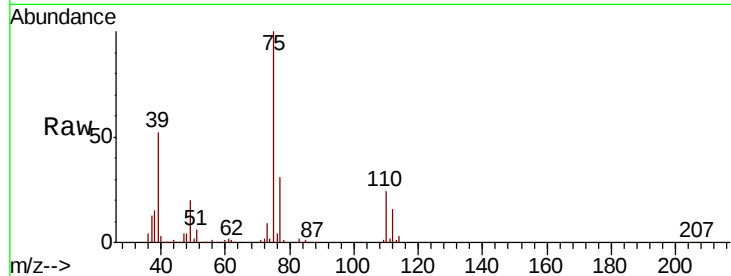




#53
t-1,3-Dichloropropene
Concen: 25.427 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012214.D
Acq: 08 Sep 2019 11:05

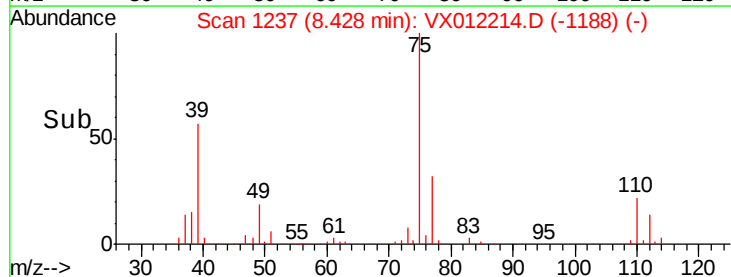
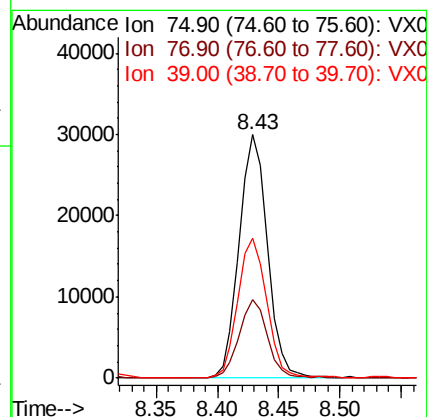
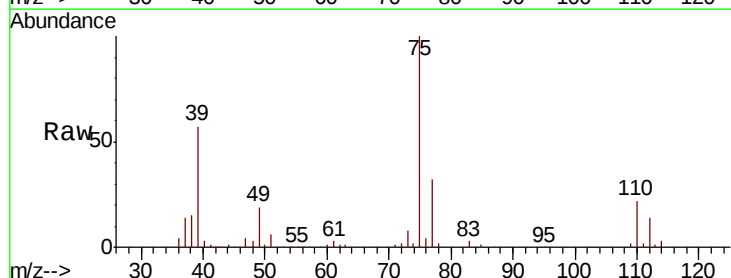
Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS01

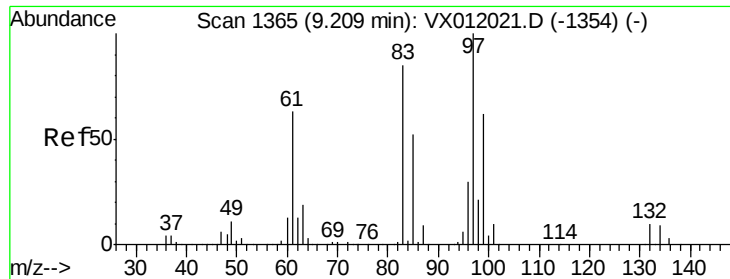
Tgt Ion: 75 Resp: 44496
Ion Ratio Lower Upper
75 100
77 31.3 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 24.690 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012214.D
Acq: 08 Sep 2019 11:05

Tgt Ion: 75 Resp: 48046
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3
39 57.0 43.0 64.4

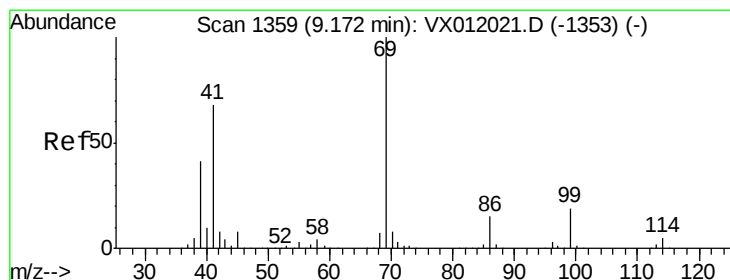
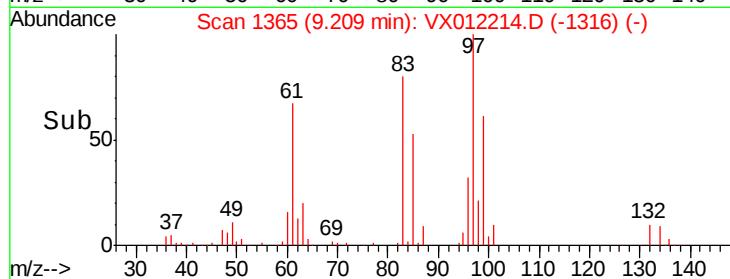
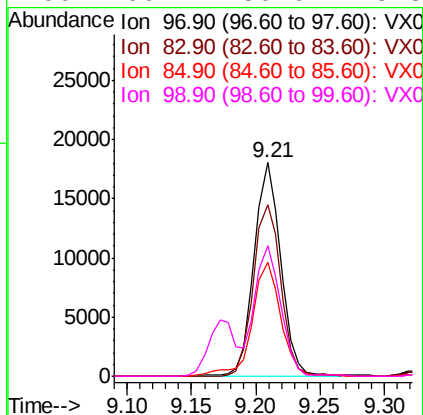
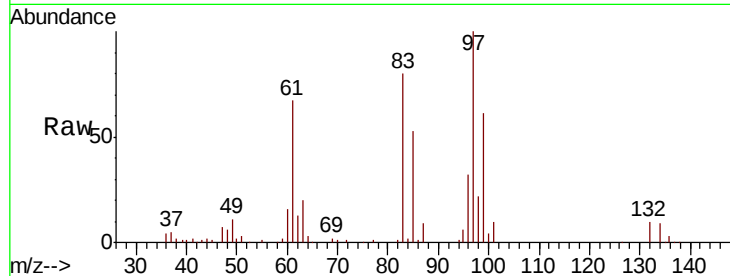




#55
 1,1,2-Trichloroethane
 Concen: 27.020 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012214.D
 Acq: 08 Sep 2019 11:05

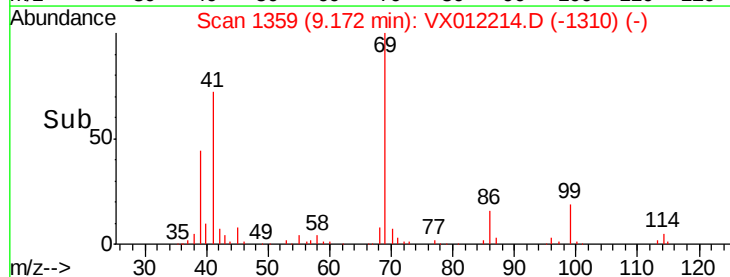
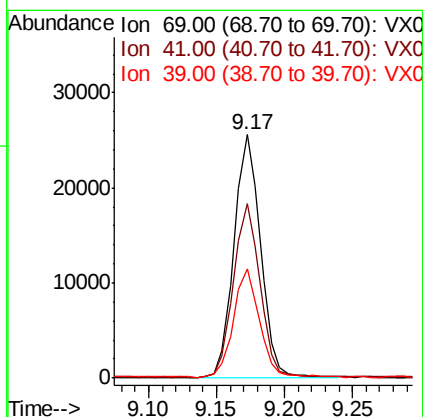
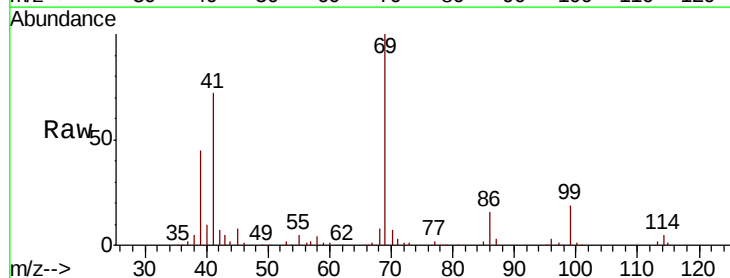
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS01

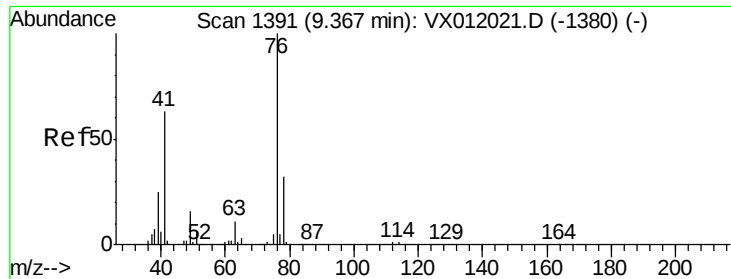
Tgt Ion:	97	Resp:	25688
Ion	Ratio	Lower	Upper
97	100		
83	80.0	66.0	99.0
85	53.4	41.0	61.6
99	60.1	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 25.757 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012214.D
 Acq: 08 Sep 2019 11:05

Tgt Ion:	69	Resp:	35075
Ion	Ratio	Lower	Upper
69	100		
41	70.8	53.9	80.9
39	43.9	31.1	46.7

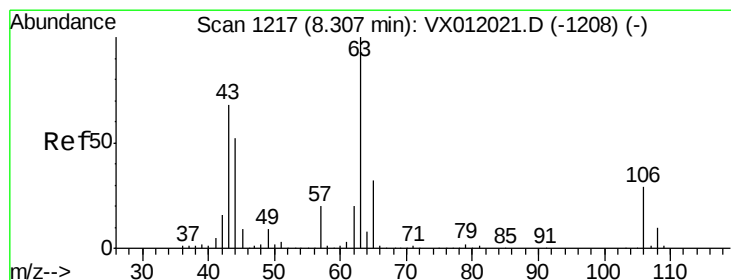
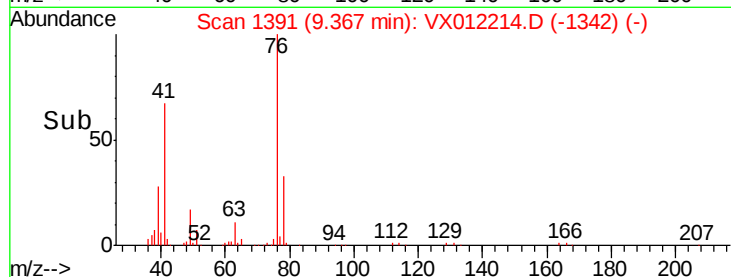
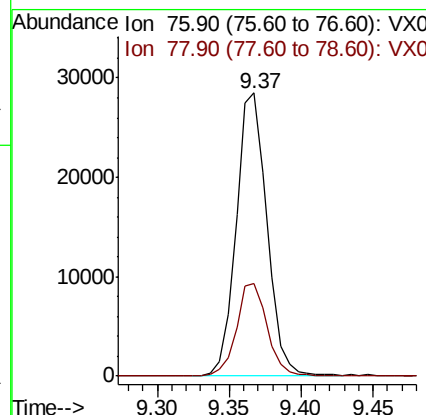
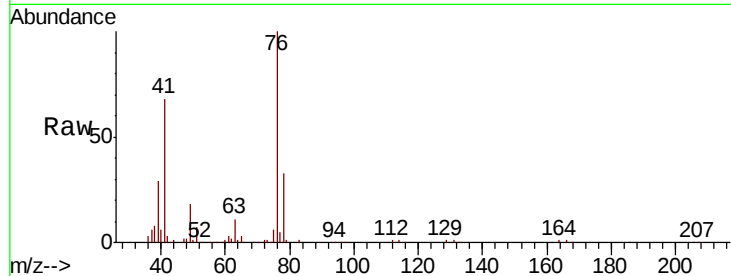




#57
 1,3-Dichloropropane
 Concen: 25.957 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012214.D
 Acq: 08 Sep 2019 11:05

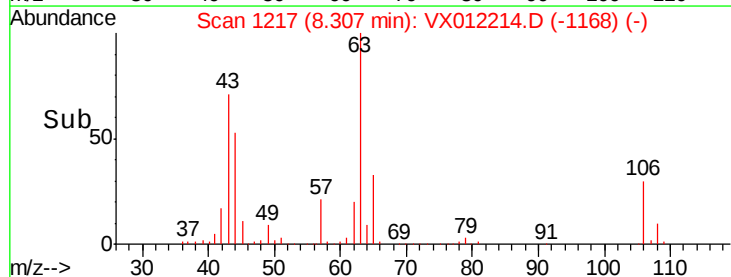
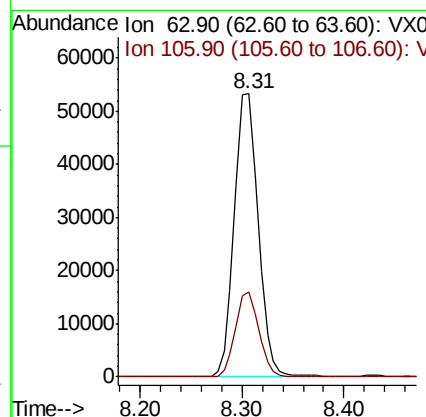
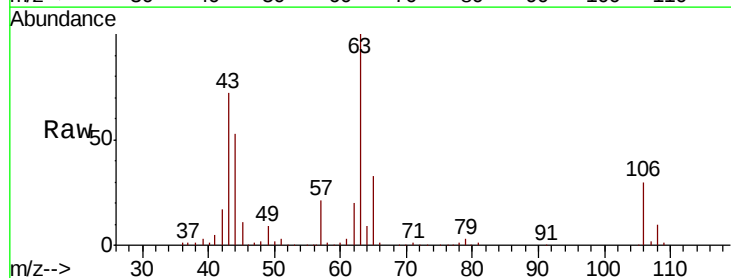
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS01

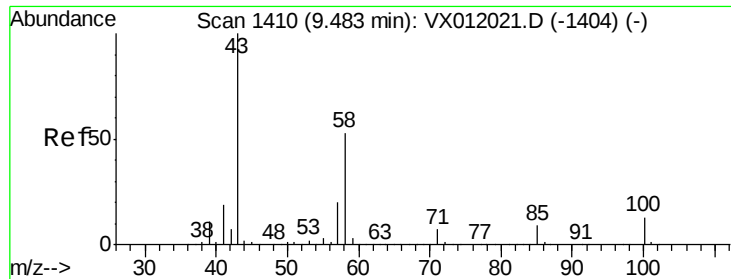
Tgt Ion: 76 Resp: 42583
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 141.271 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012214.D
 Acq: 08 Sep 2019 11:05

Tgt Ion: 63 Resp: 86731
 Ion Ratio Lower Upper
 63 100
 106 29.5 26.5 39.7

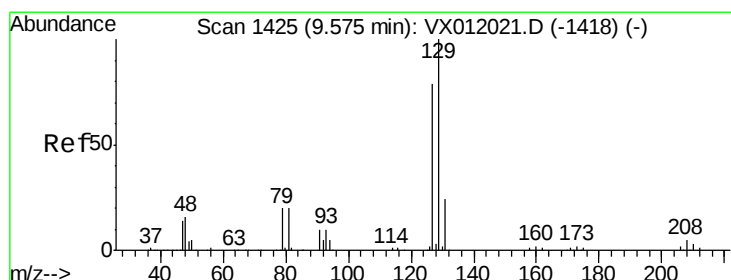
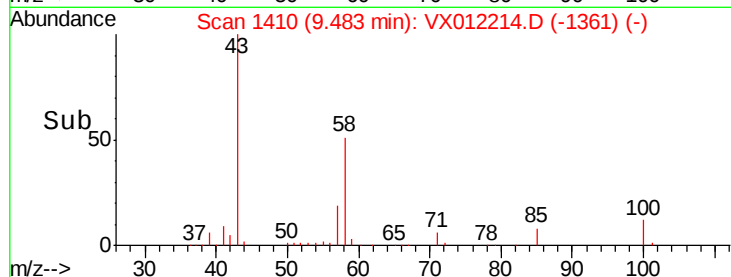
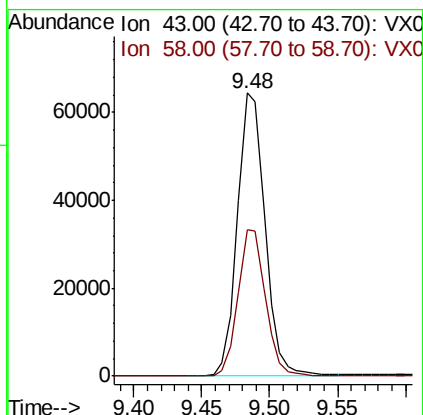
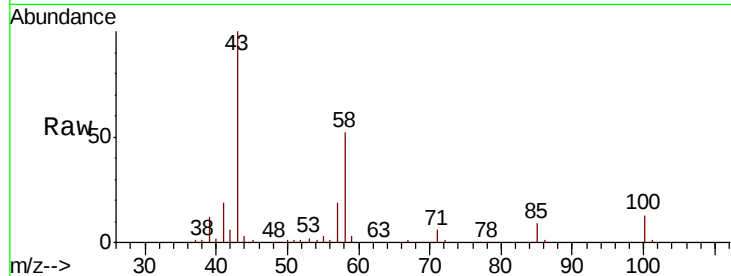




#59
2-Hexanone
Concen: 144.132 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012214.D
Acq: 08 Sep 2019 11:05

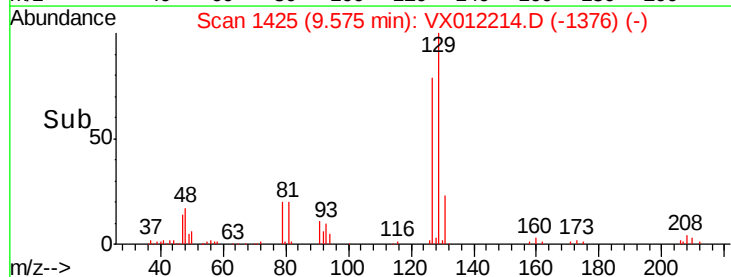
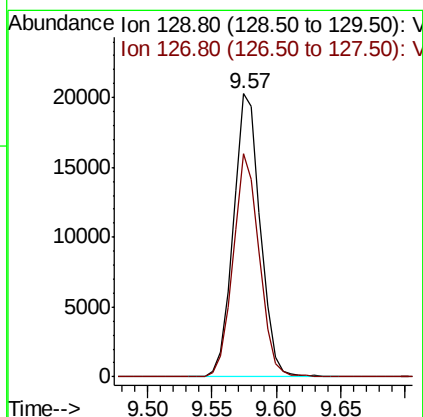
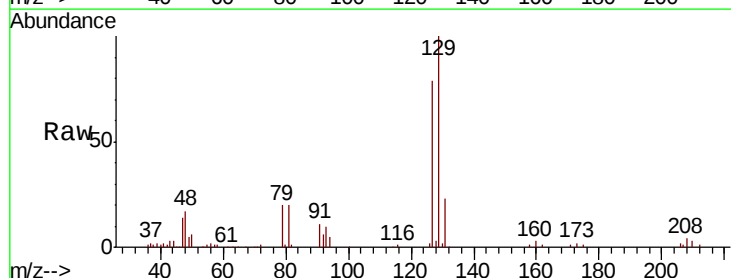
Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS01

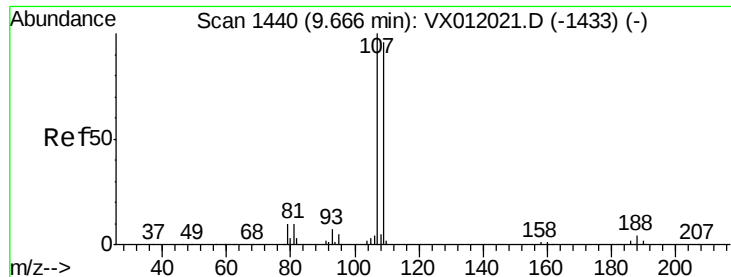
Tgt Ion: 43 Resp: 90840
Ion Ratio Lower Upper
43 100
58 51.9 27.2 81.6



#60
Dibromochloromethane
Concen: 26.007 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012214.D
Acq: 08 Sep 2019 11:05

Tgt Ion: 129 Resp: 29467
Ion Ratio Lower Upper
129 100
127 76.5 38.1 114.5





#61

1,2-Dibromoethane

Concen: 25.915 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

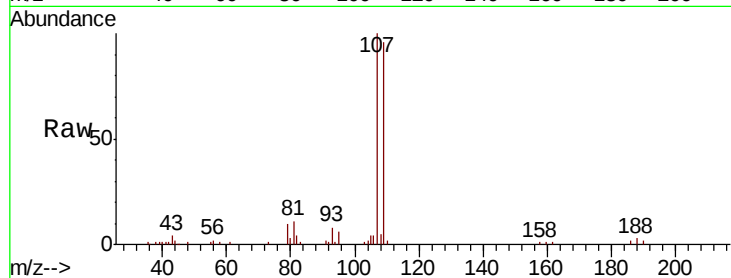
VX0908SBS01

Tgt Ion: 107 Resp: 23807

Ion Ratio Lower Upper

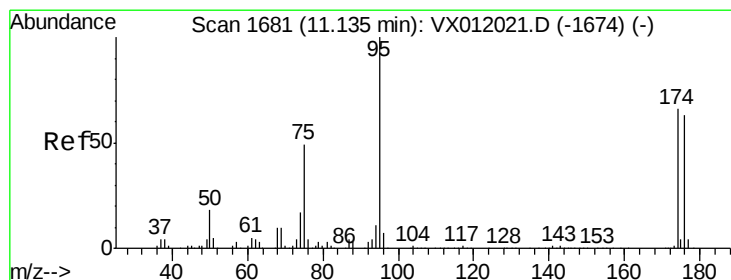
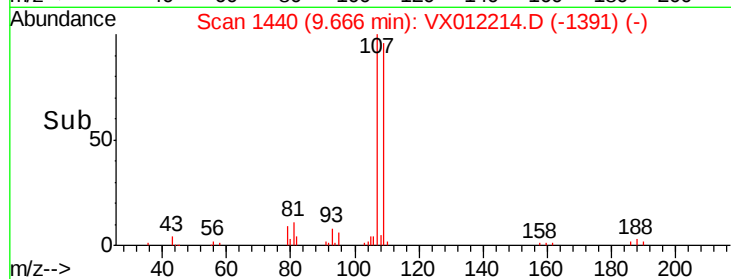
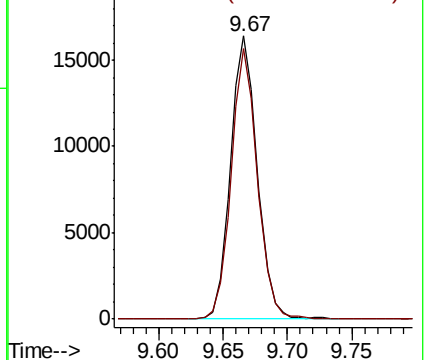
107 100

109 93.7 76.9 115.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 56.872 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

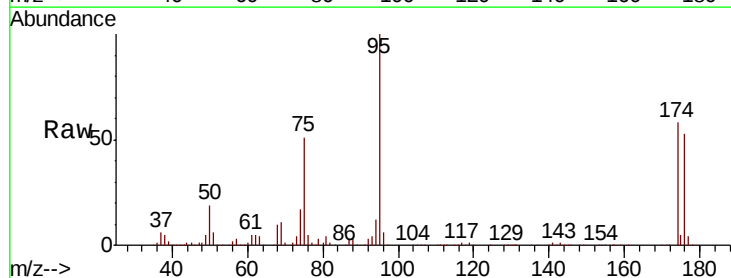
Tgt Ion: 95 Resp: 104078

Ion Ratio Lower Upper

95 100

174 64.4 0.0 205.4

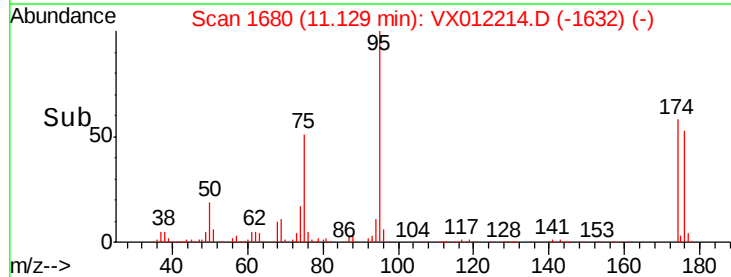
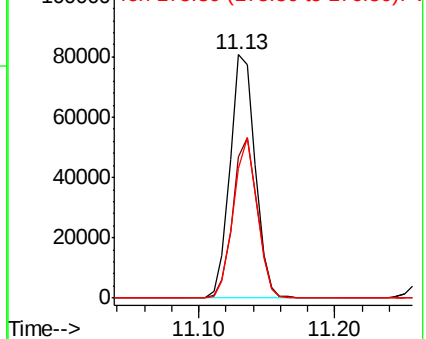
176 62.5 0.0 201.8

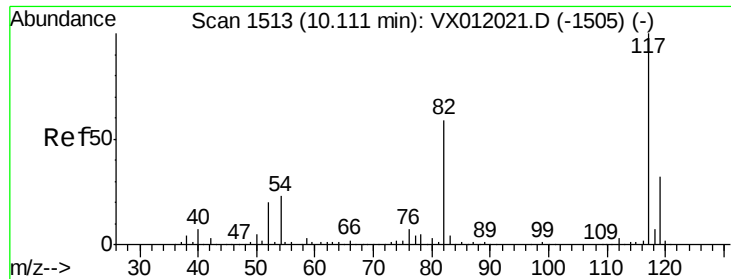


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

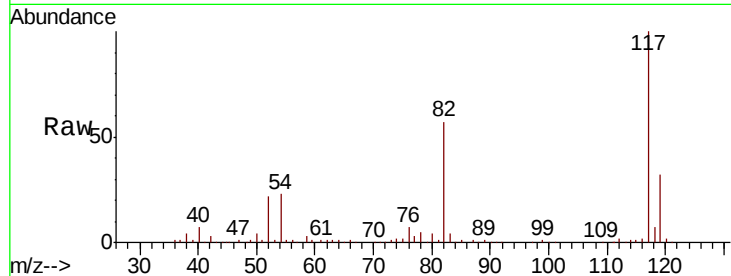




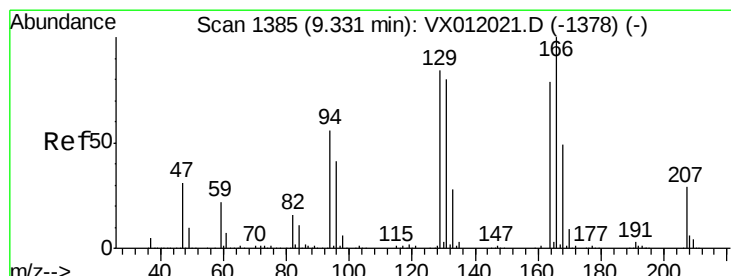
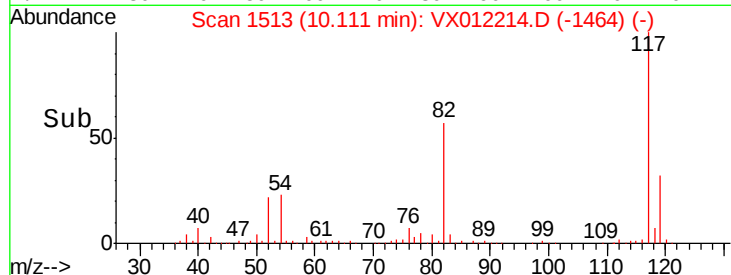
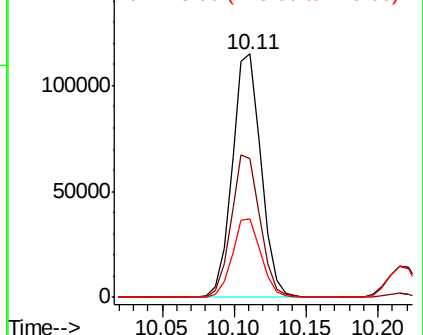
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012214.D
Acq: 08 Sep 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS01

Tgt Ion:117 Resp: 160593
Ion Ratio Lower Upper
117 100
82 57.0 39.4 59.0
119 32.5 26.1 39.1

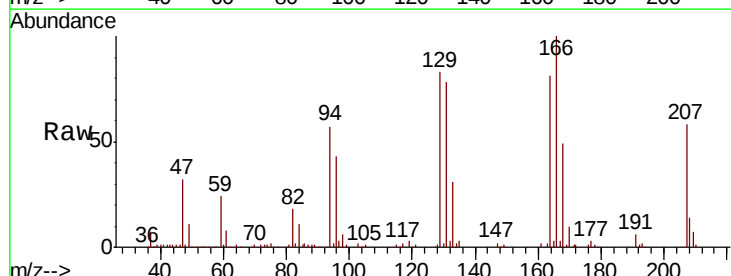


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

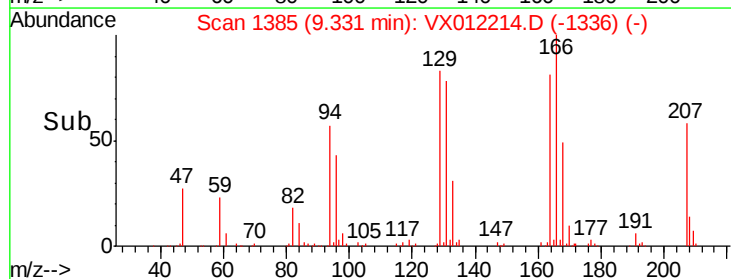
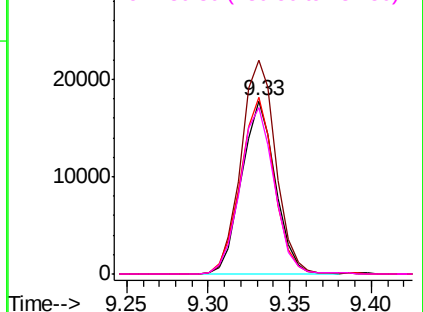


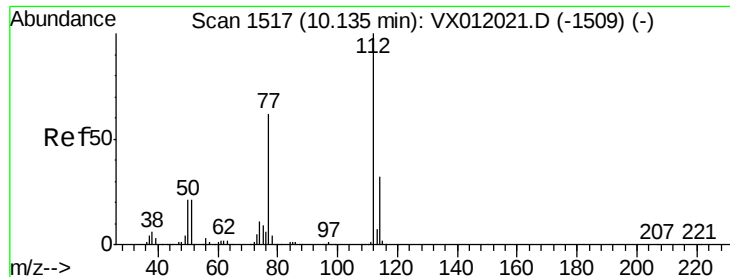
#64
Tetrachloroethene
Concen: 25.645 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012214.D
Acq: 08 Sep 2019 11:05

Tgt Ion:164 Resp: 25676
Ion Ratio Lower Upper
164 100
166 123.5 104.3 156.5
129 102.3 68.3 102.5
131 96.5 65.4 98.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 26.028 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

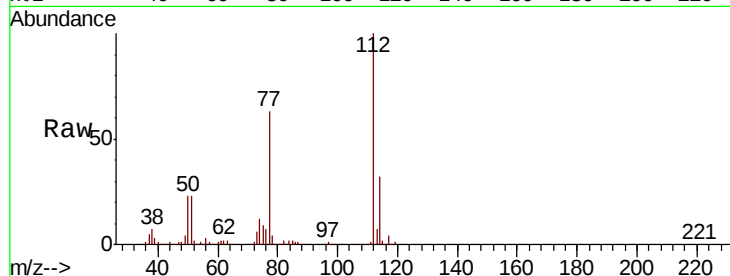
VX0908SBS01

Tgt Ion:112 Resp: 82473

Ion Ratio Lower Upper

112 100

114 32.2 26.2 39.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

60000

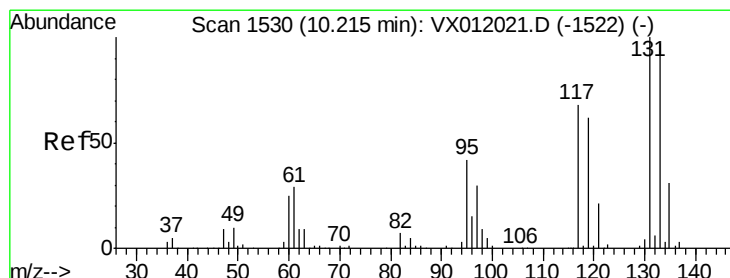
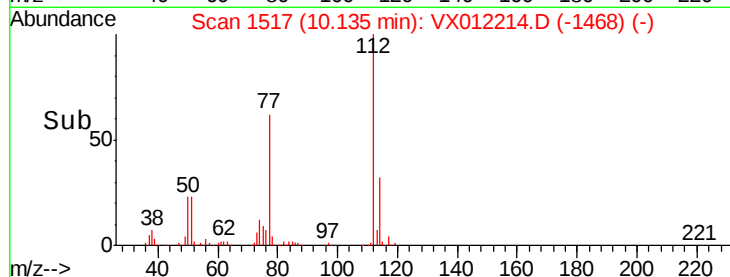
40000

20000

0

10.10 10.14 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 26.891 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

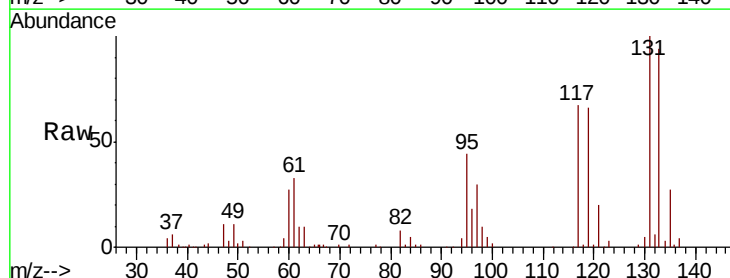
Tgt Ion:131 Resp: 31156

Ion Ratio Lower Upper

131 100

133 94.2 48.4 145.0

119 64.5 30.5 91.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

30000

25000

20000

15000

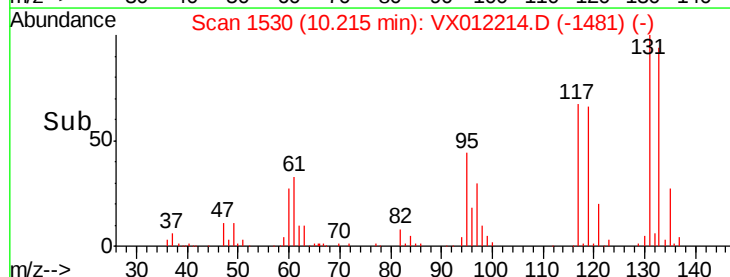
10000

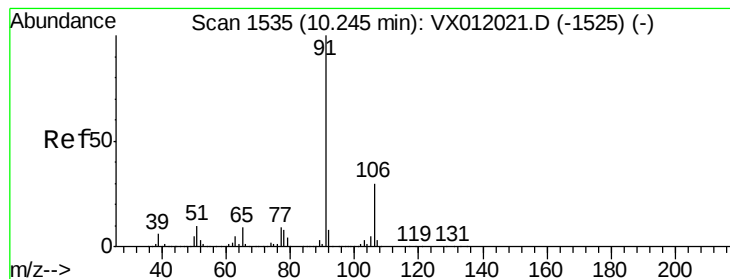
5000

0

10.15 10.20 10.21 10.25 10.30

Time-->





#67

Ethyl Benzene

Concen: 25.620 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

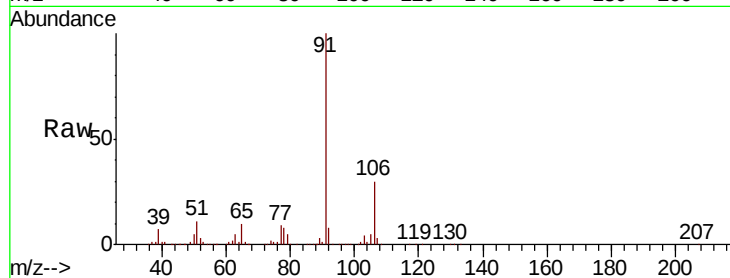
VX0908SBS01

Tgt Ion: 91 Resp: 147972

Ion Ratio Lower Upper

91 100

106 30.4 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): VX012021.D (-1525) (-)

Ion 106.00 (105.70 to 106.70): VX012021.D (-1525) (-)

200000

150000

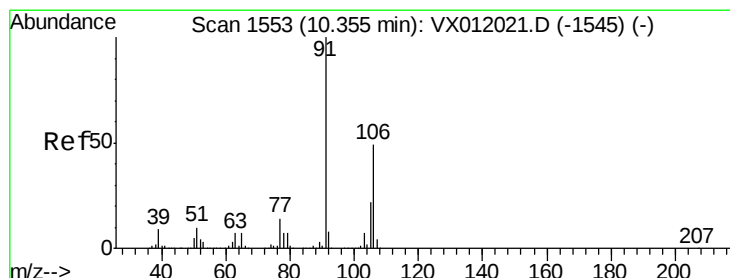
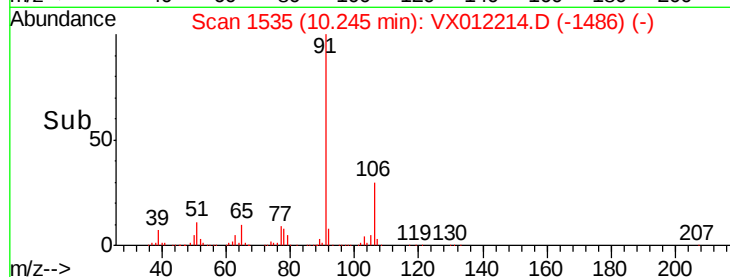
100000

50000

0

10.20 10.25 10.30

Time-->



#68

m/p-Xylenes

Concen: 51.282 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012214.D

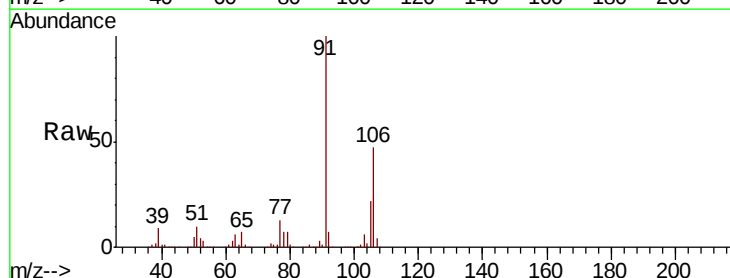
Acq: 08 Sep 2019 11:05

Tgt Ion: 106 Resp: 109128

Ion Ratio Lower Upper

106 100

91 213.3 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): VX012021.D (-1545) (-)

Ion 91.00 (90.70 to 91.70): VX012021.D (-1545) (-)

200000

150000

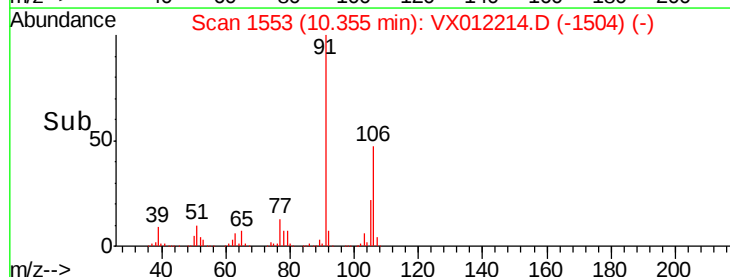
100000

50000

0

10.30 10.35 10.40

Time-->

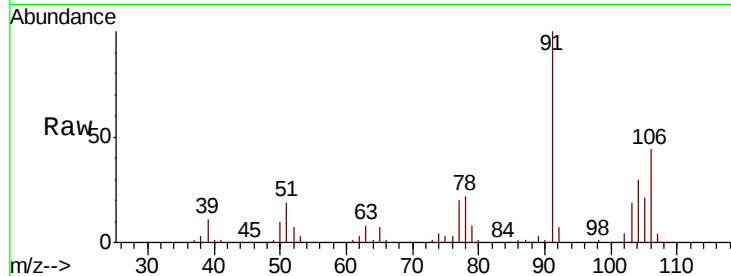




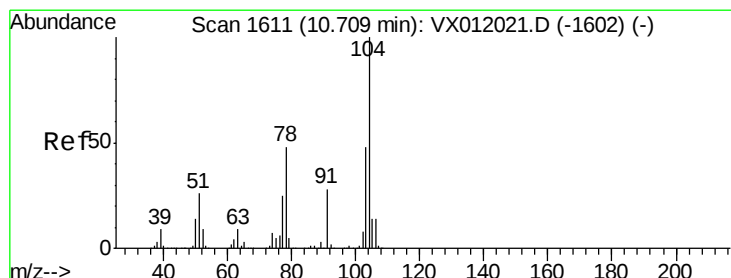
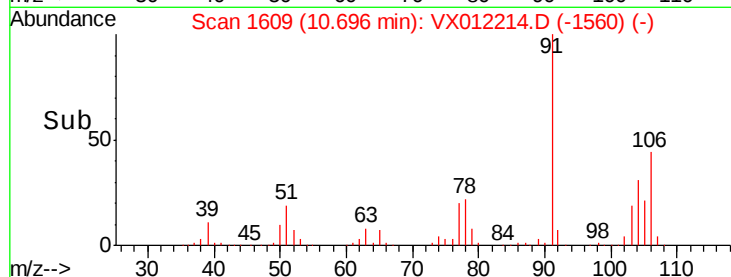
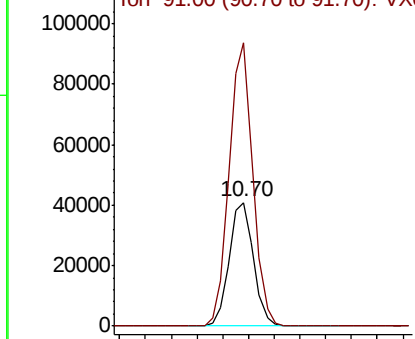
#69
o-Xylene
Concen: 26.237 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012214.D
Acq: 08 Sep 2019 11:05

Instrument :
MSVOA_X
ClientSampled :
VX0908SBS01

Tgt Ion:106 Resp: 54141
Ion Ratio Lower Upper
106 100
91 223.9 103.5 310.3

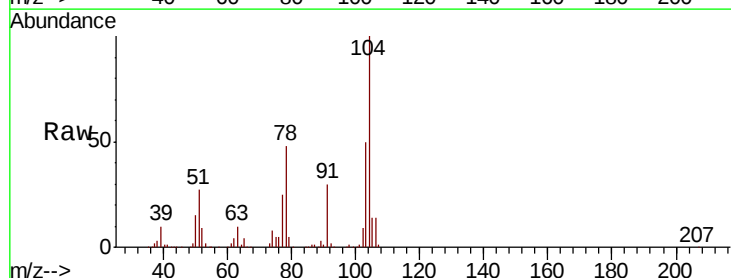


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

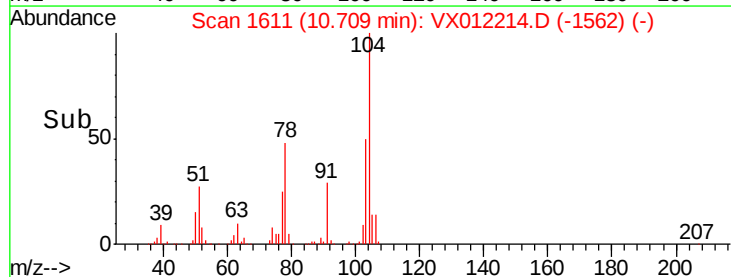
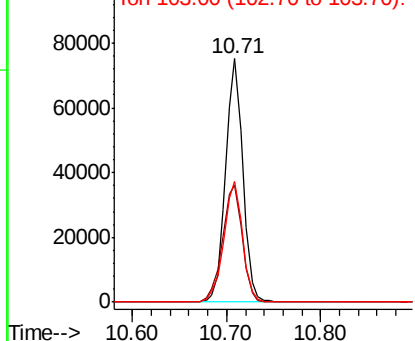


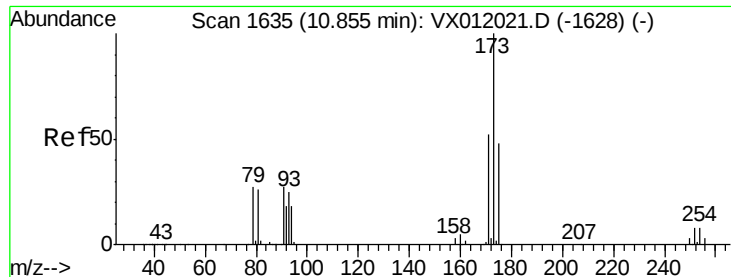
#70
Styrene
Concen: 26.717 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012214.D
Acq: 08 Sep 2019 11:05

Tgt Ion:104 Resp: 95759
Ion Ratio Lower Upper
104 100
78 54.9 39.1 58.7
103 53.9 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: 25.949 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS01

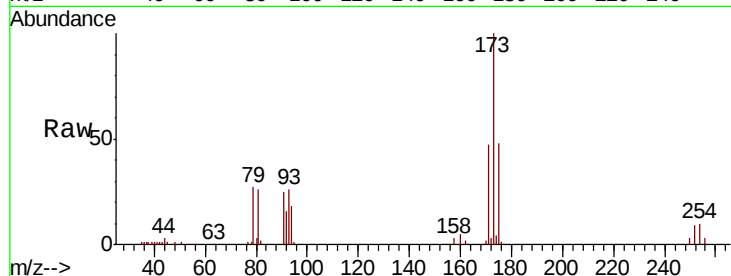
Tgt Ion:173 Resp: 16513

Ion Ratio Lower Upper

173 100

175 50.0 24.9 74.7

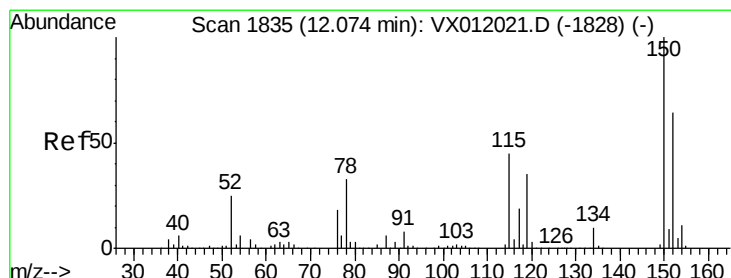
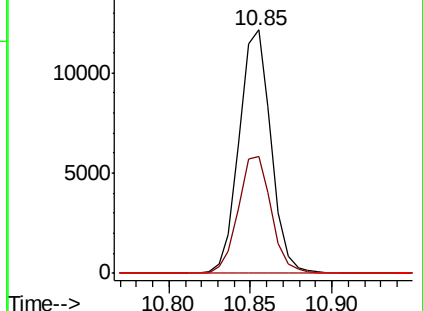
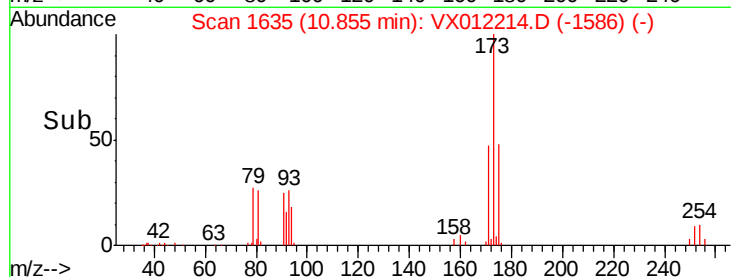
254 0.0 0.1 0.1#



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: VX012214.D

Acq: 08 Sep 2019 11:05

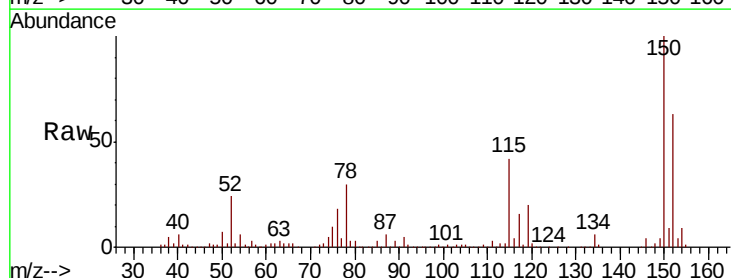
Tgt Ion:152 Resp: 81514

Ion Ratio Lower Upper

152 100

115 79.9 36.4 109.3

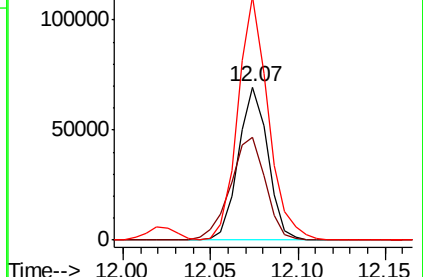
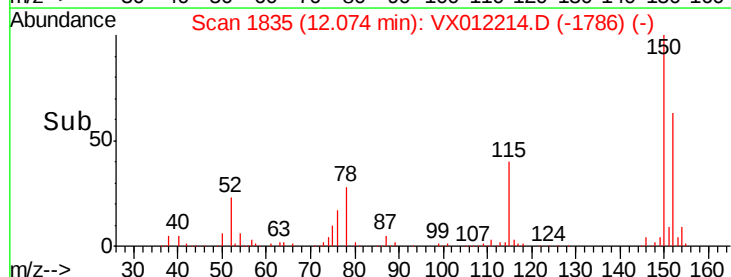
150 163.2 0.0 341.2



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: 25.097 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

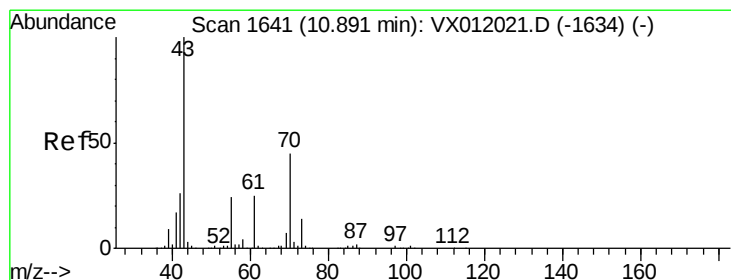
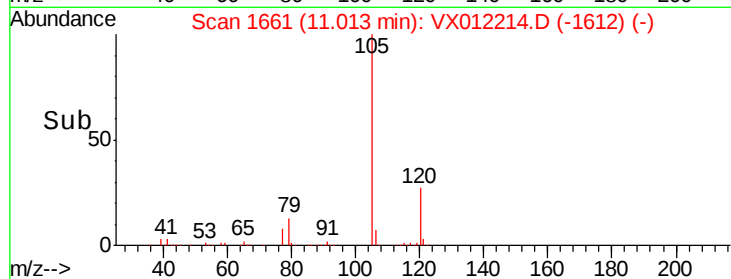
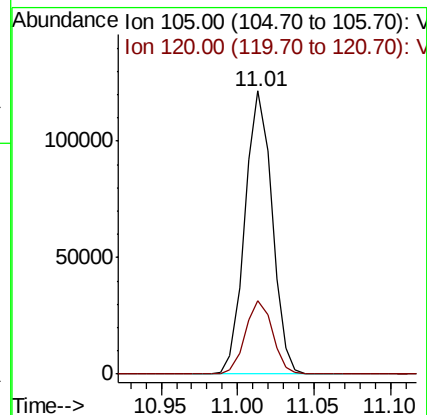
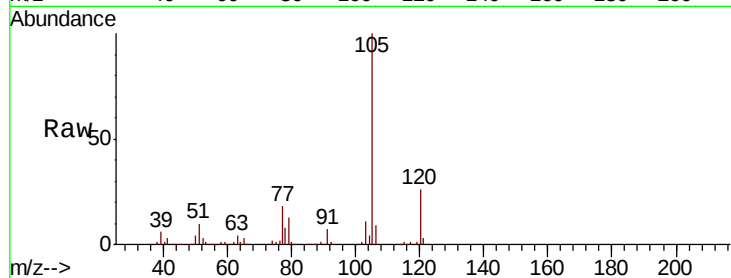
VX0908SBS01

Tgt Ion: 105 Resp: 150099

Ion Ratio Lower Upper

105 100

120 26.0 13.9 41.6



#74

N-ethyl acetate

Concen: 25.810 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Tgt Ion: 43 Resp: 45641

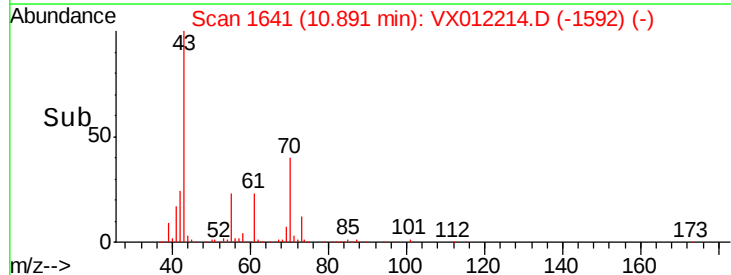
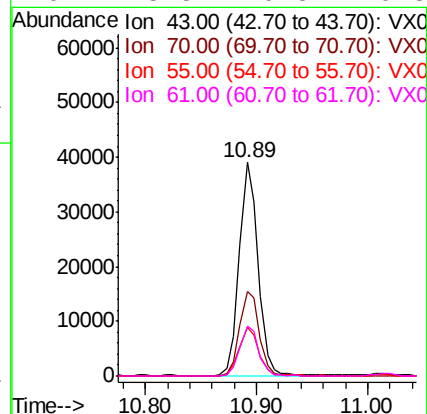
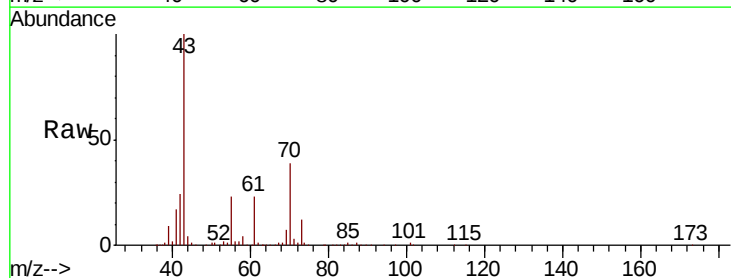
Ion Ratio Lower Upper

43 100

70 41.7 34.4 51.6

55 23.4 18.5 27.7

61 23.8 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 26.079 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS01

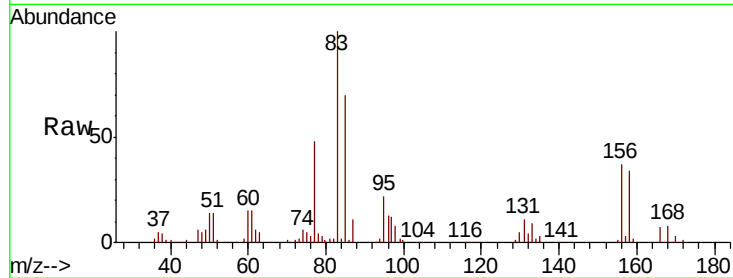
Tgt Ion: 83 Resp: 32517

Ion Ratio Lower Upper

83 100

131 11.1 6.3 19.1

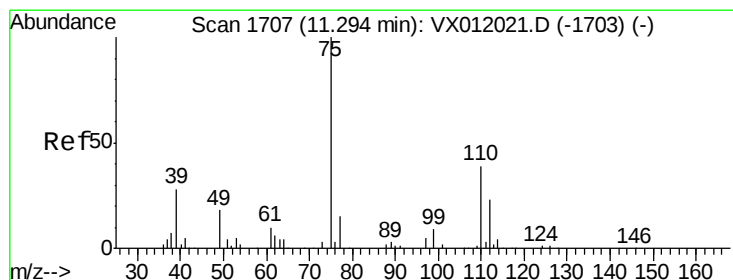
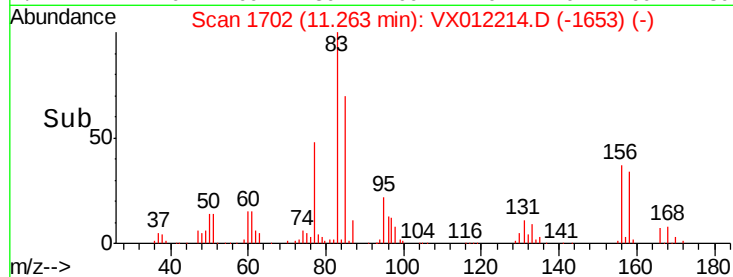
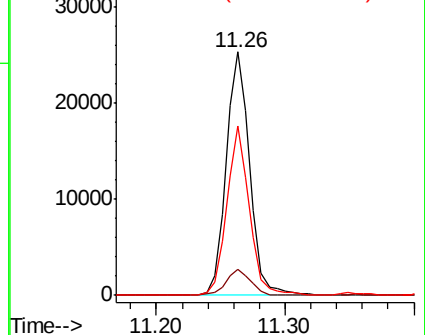
85 66.6 32.5 97.4



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: 35.789 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012214.D

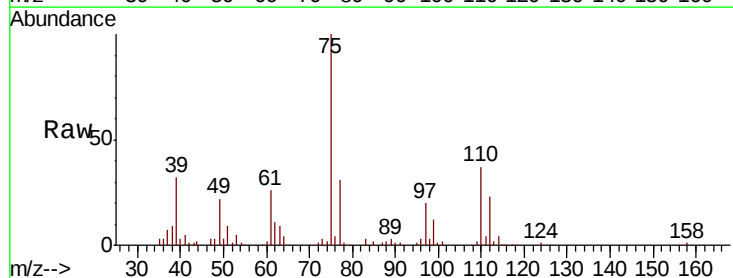
Acq: 08 Sep 2019 11:05

Tgt Ion: 75 Resp: 35645

Ion Ratio Lower Upper

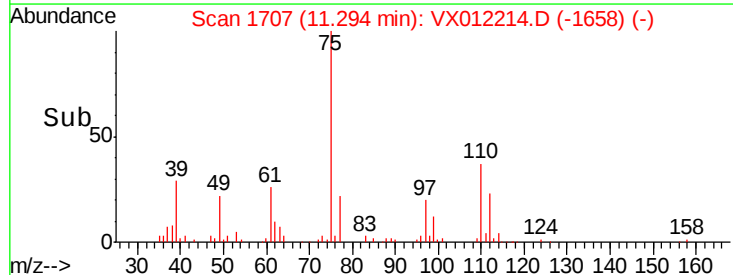
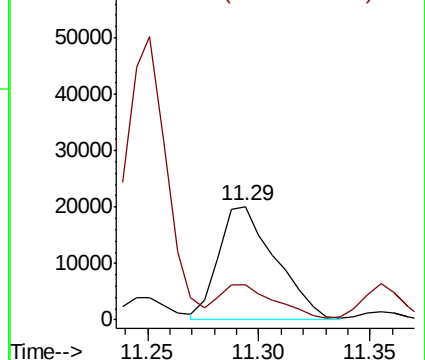
75 100

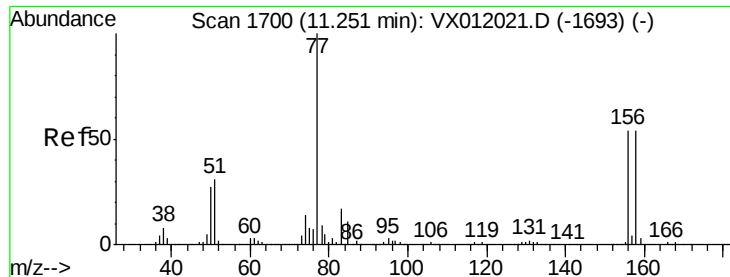
77 30.9 23.5 70.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 25.943 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS01

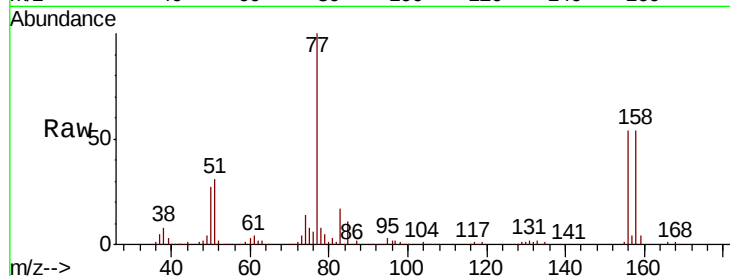
Tgt Ion:156 Resp: 34702

Ion Ratio Lower Upper

156 100

77 189.0 63.4 190.2

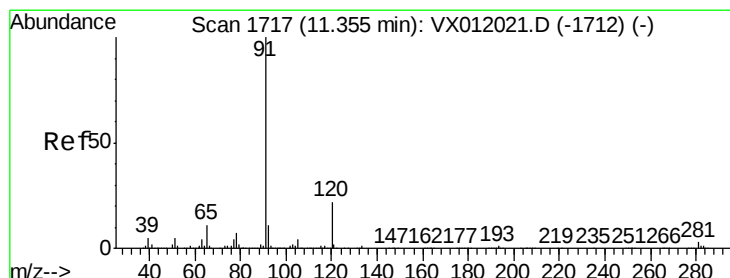
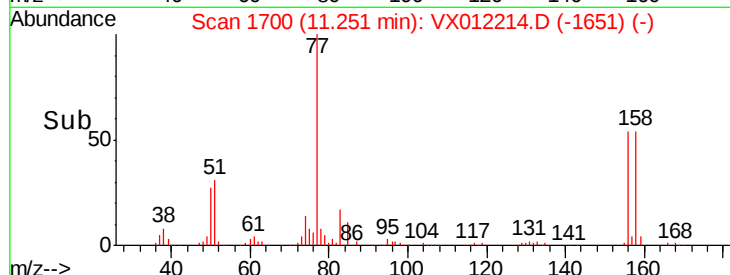
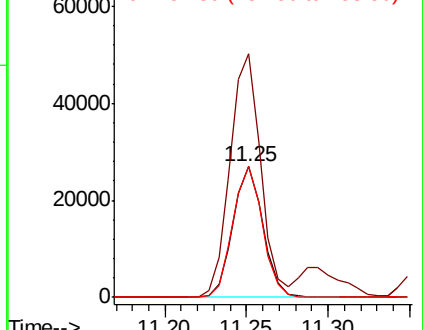
158 98.9 48.9 146.6



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: 25.197 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012214.D

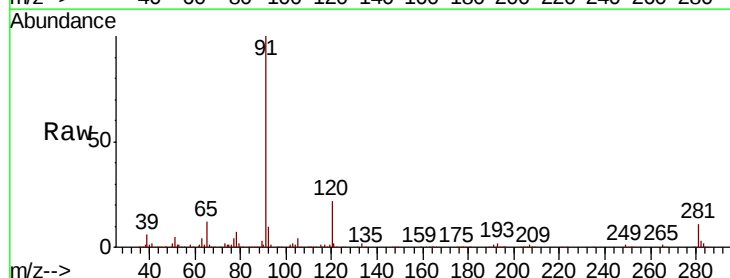
Acq: 08 Sep 2019 11:05

Tgt Ion: 91 Resp: 182058

Ion Ratio Lower Upper

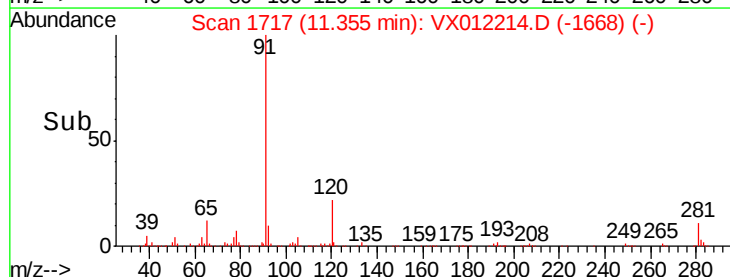
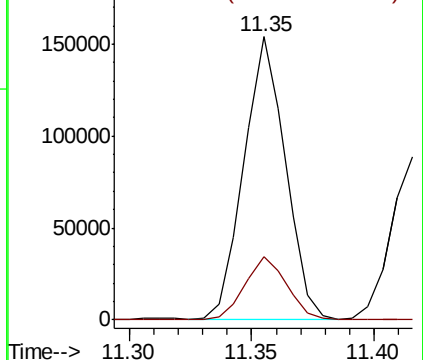
91 100

120 22.4 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

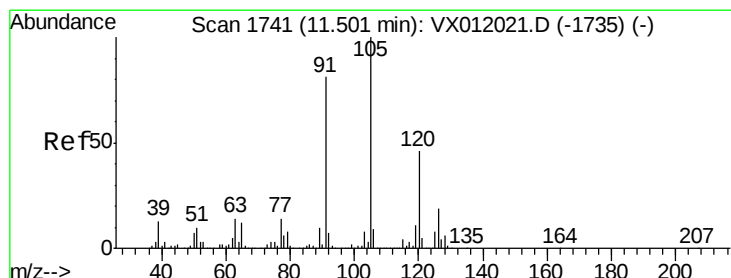
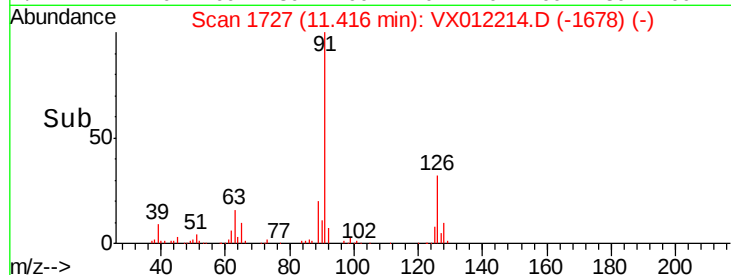
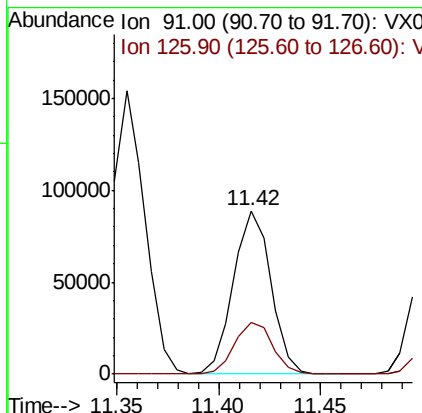
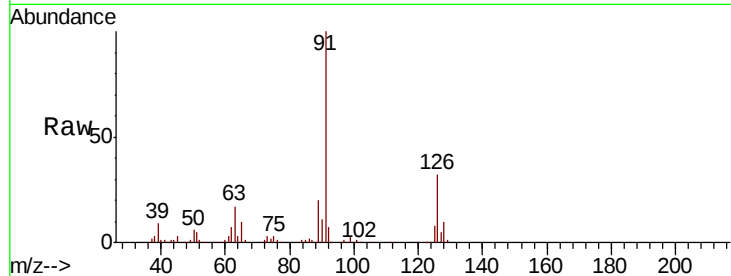




#79
 2-Chlorotoluene
 Concen: 25.691 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012214.D
 Acq: 08 Sep 2019 11:05

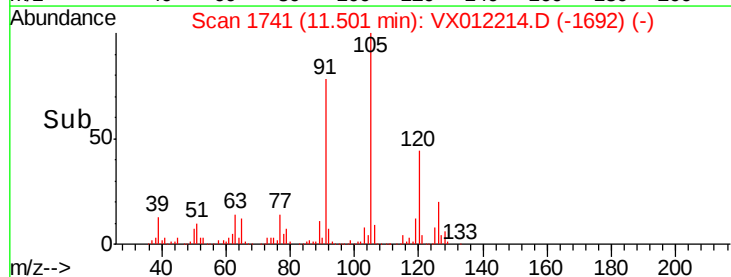
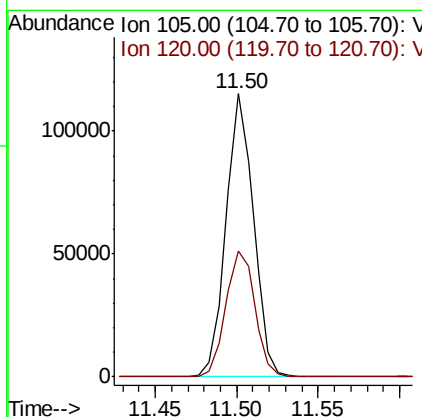
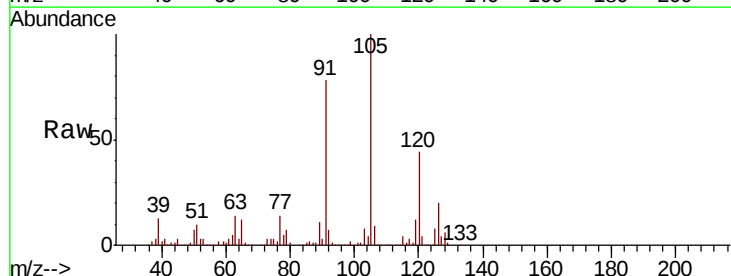
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS01

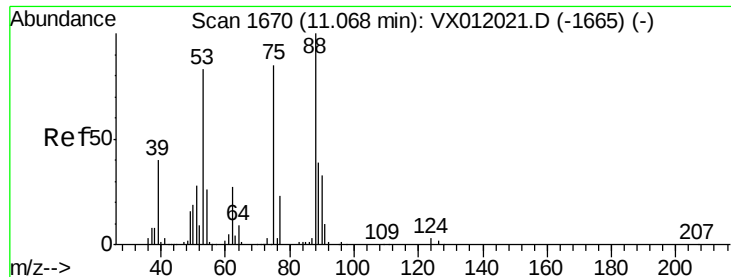
Tgt Ion: 91 Resp: 112462
 Ion Ratio Lower Upper
 91 100
 126 32.5 18.6 55.8



#80
 1,3,5-Trimethylbenzene
 Concen: 25.683 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012214.D
 Acq: 08 Sep 2019 11:05

Tgt Ion: 105 Resp: 134611
 Ion Ratio Lower Upper
 105 100
 120 47.2 25.8 77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 22.092 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS01

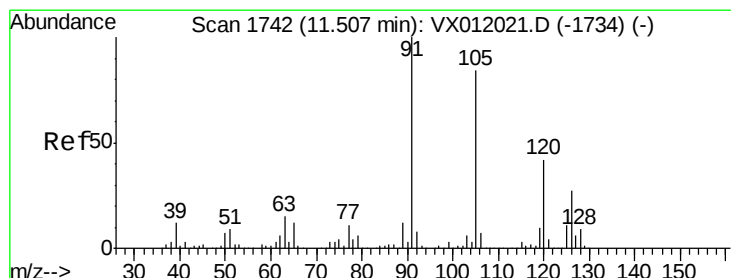
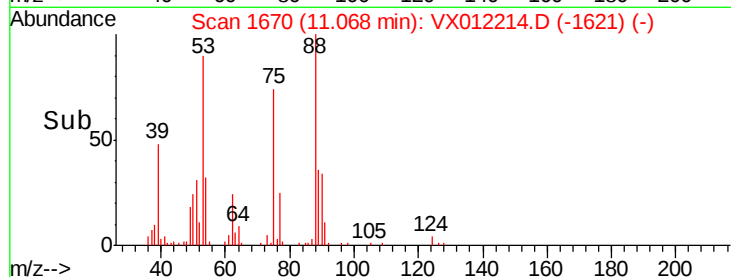
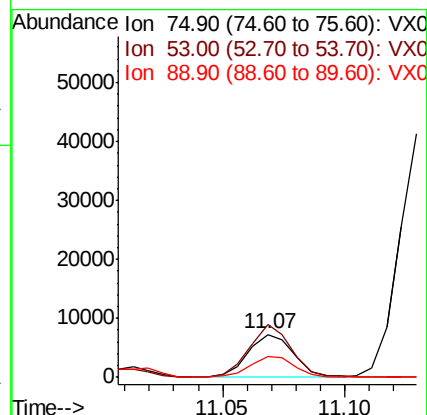
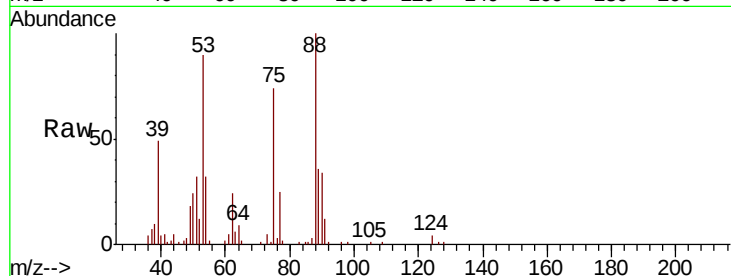
Tgt Ion: 75 Resp: 9307

Ion Ratio Lower Upper

75 100

53 115.9 78.6 117.8

89 49.3 38.8 58.2



#82

4-Chlorotoluene

Concen: 26.016 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012214.D

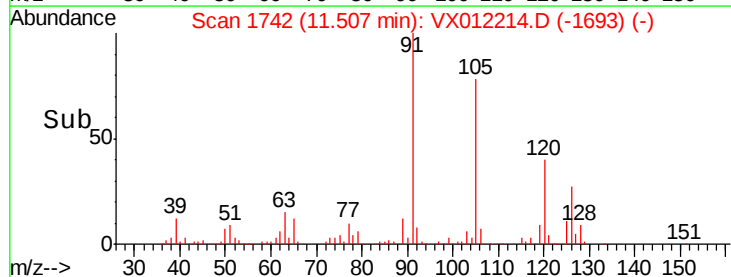
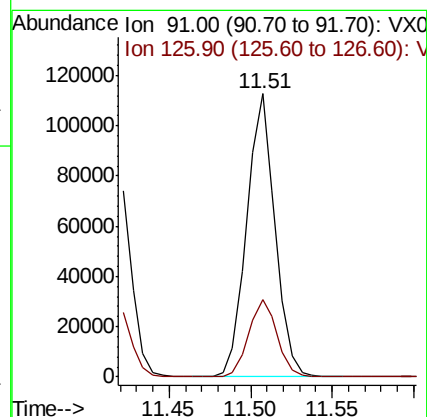
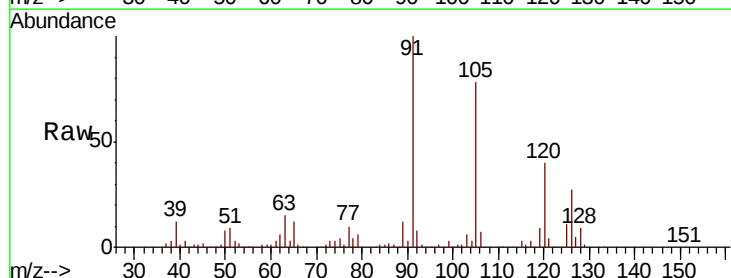
Acq: 08 Sep 2019 11:05

Tgt Ion: 91 Resp: 135735

Ion Ratio Lower Upper

91 100

126 27.6 16.2 48.6

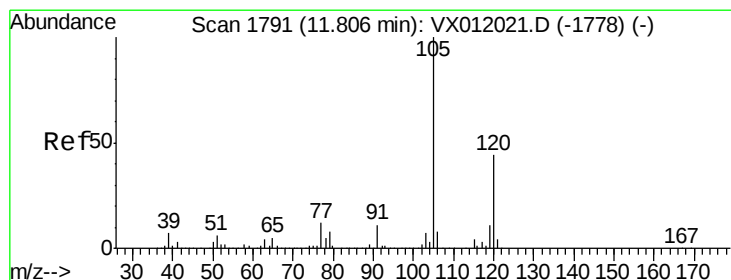
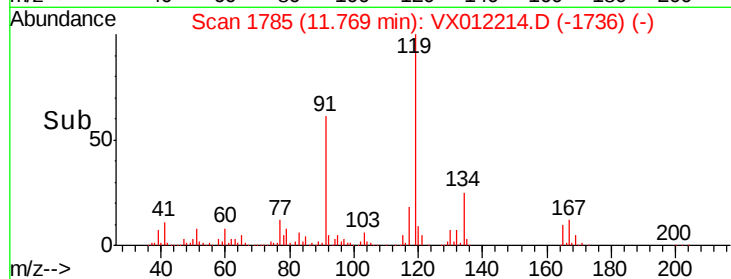
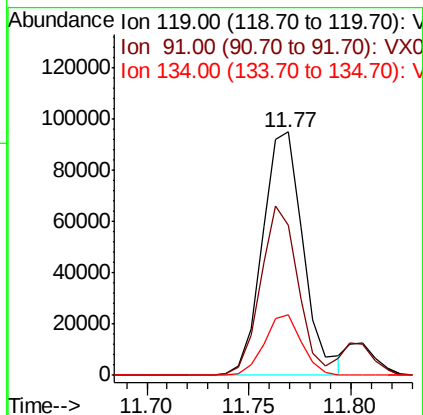
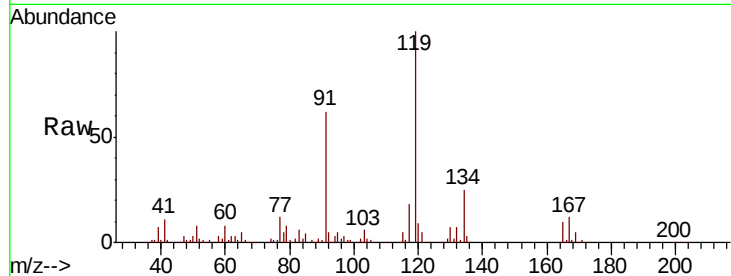




#83
 tert-Butylbenzene
 Concen: 26.489 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012214.D
 Acq: 08 Sep 2019 11:05

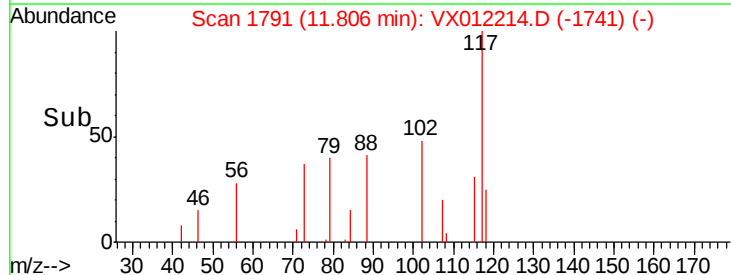
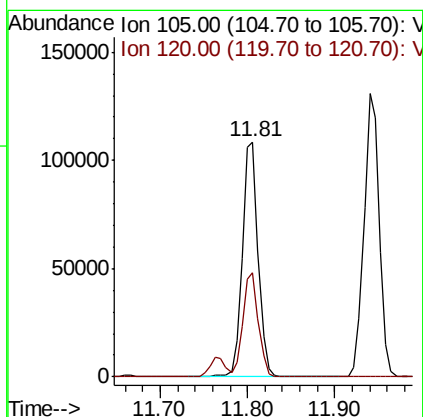
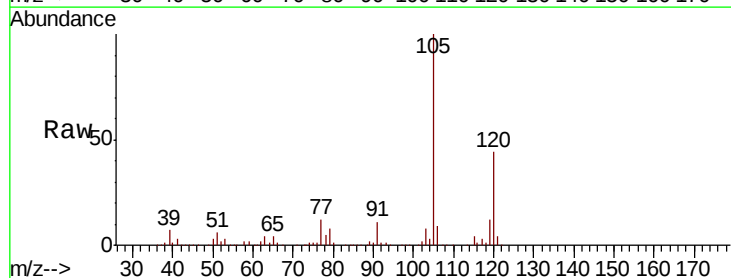
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS01

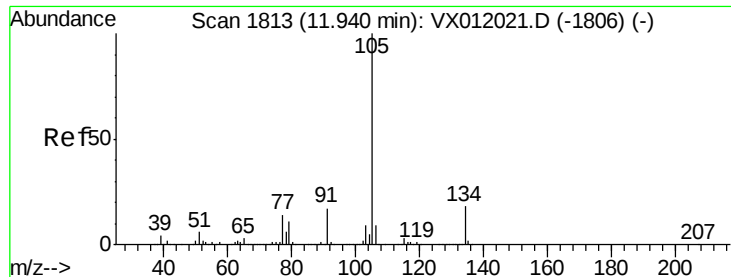
Tgt Ion:119 Resp: 132328
 Ion Ratio Lower Upper
 119 100
 91 63.6 27.1 81.2
 134 22.9 12.1 36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 25.423 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX012214.D
 Acq: 08 Sep 2019 11:05

Tgt Ion:105 Resp: 136949
 Ion Ratio Lower Upper
 105 100
 120 43.3 23.6 70.8





#85

sec-Butylbenzene

Concen: 25.766 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampled :

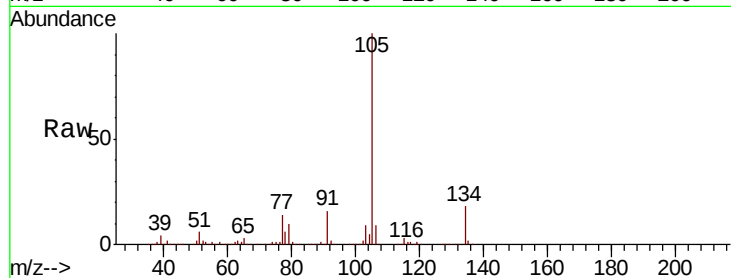
VX0908SBS01

Tgt Ion:105 Resp: 159876

Ion Ratio Lower Upper

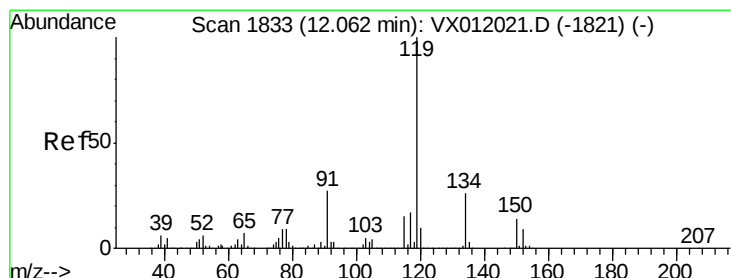
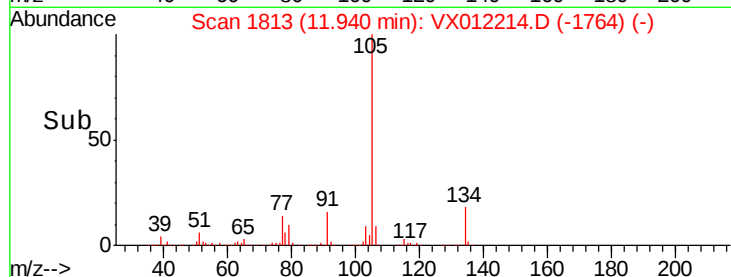
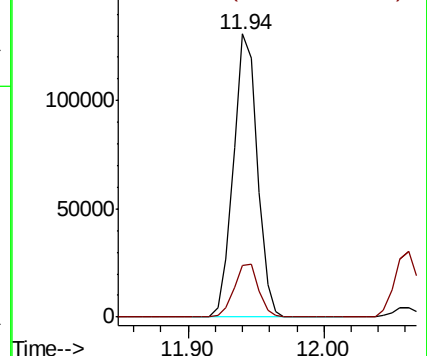
105 100

134 19.1 11.2 33.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 25.175 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

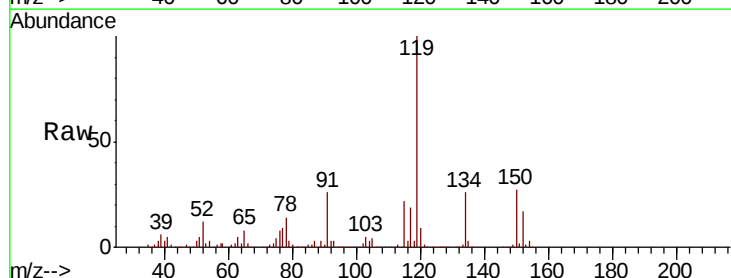
Tgt Ion:119 Resp: 142058

Ion Ratio Lower Upper

119 100

134 26.1 13.7 41.1

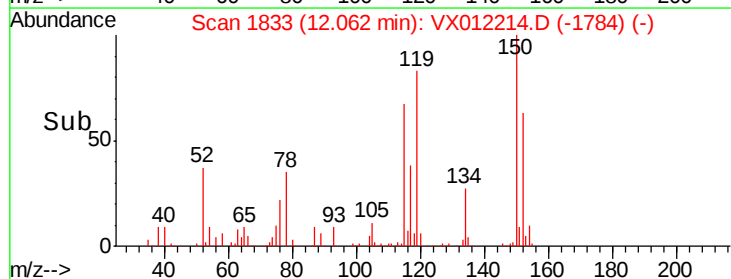
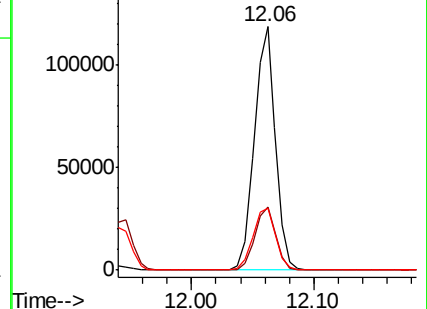
91 27.3 11.4 34.1

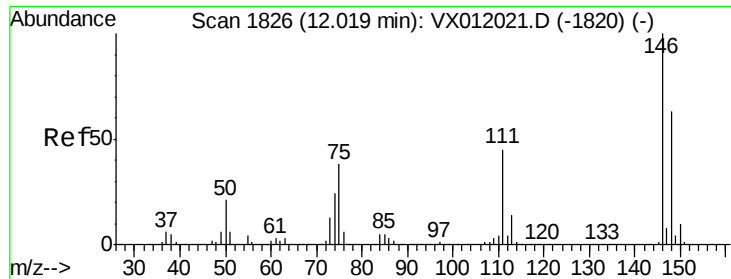


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

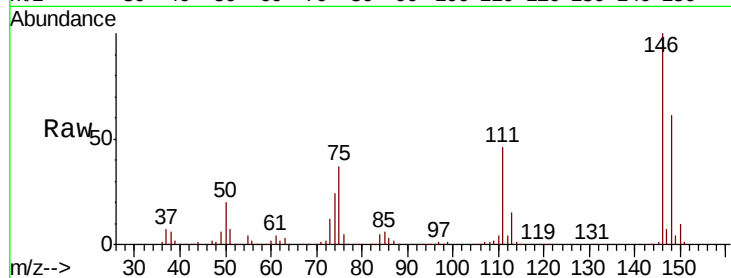




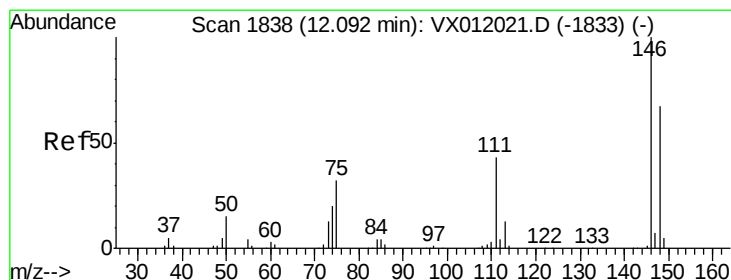
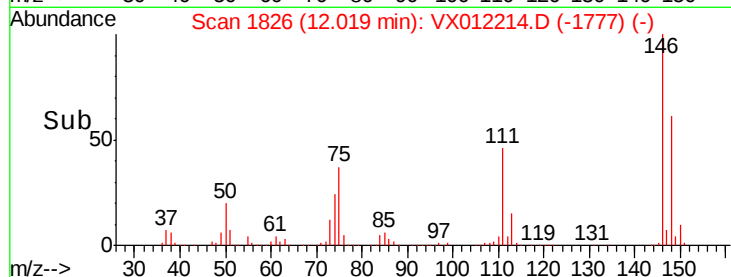
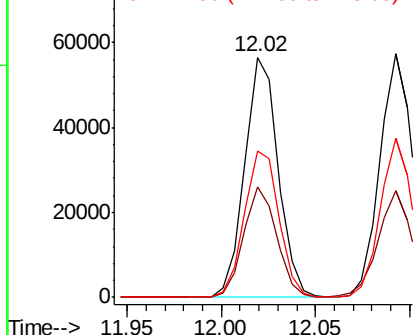
#87
 1,3-Dichlorobenzene
 Concen: 26.005 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012214.D
 Acq: 08 Sep 2019 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS01

Tgt Ion:146 Resp: 69702
 Ion Ratio Lower Upper
 146 100
 111 45.7 18.1 54.1
 148 63.2 32.6 97.8

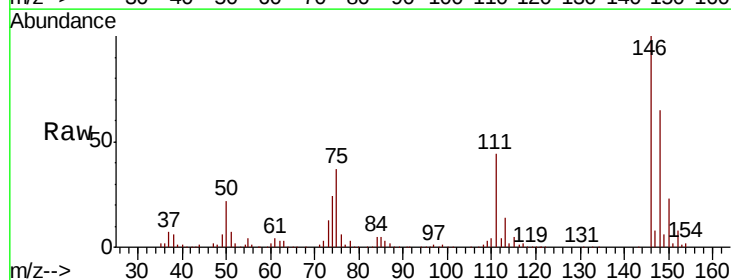


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

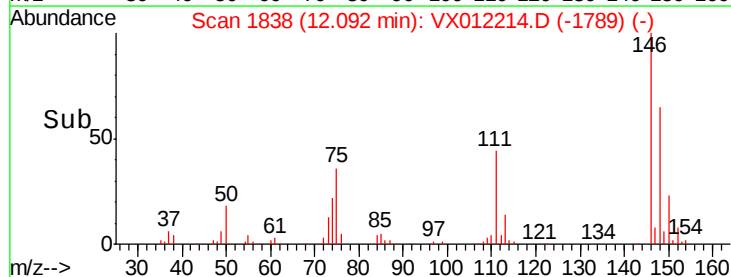
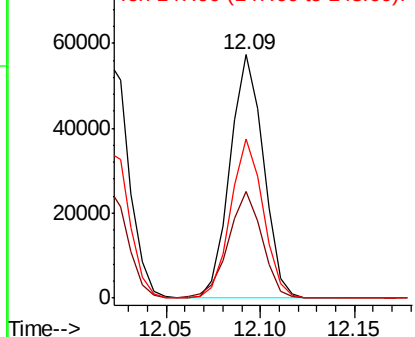


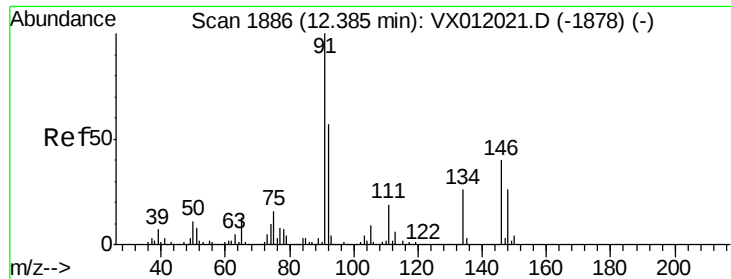
#88
 1,4-Dichlorobenzene
 Concen: 26.357 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012214.D
 Acq: 08 Sep 2019 11:05

Tgt Ion:146 Resp: 70638
 Ion Ratio Lower Upper
 146 100
 111 44.4 17.7 53.1
 148 64.0 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: 25.587 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012214.D

Acq: 08 Sep 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS01

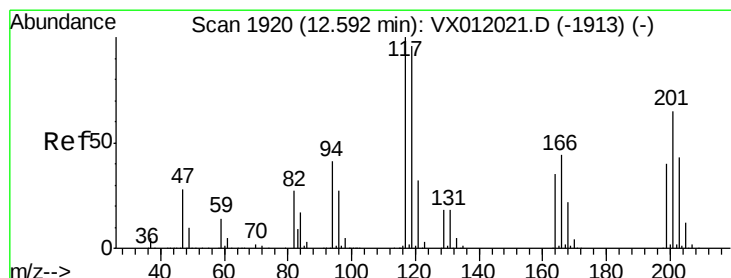
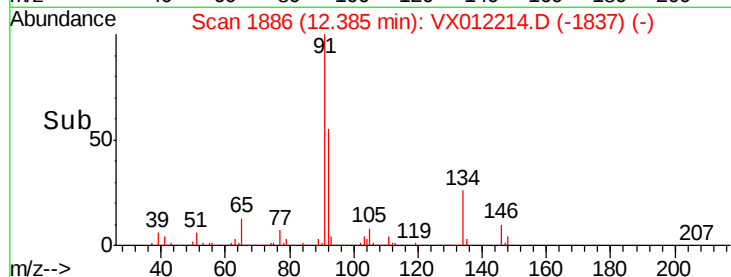
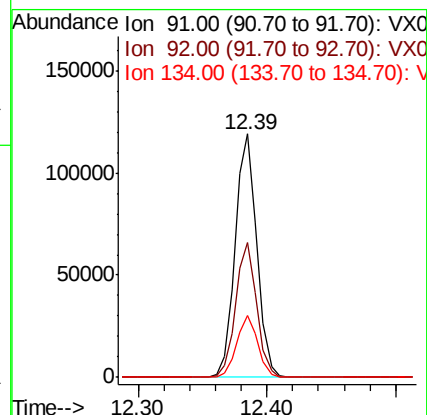
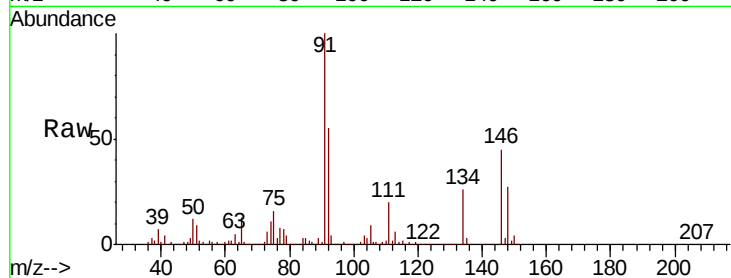
Tgt Ion: 91 Resp: 140258

Ion Ratio Lower Upper

91 100

92 53.8 27.6 82.8

134 24.8 15.4 46.1



#90

Hexachloroethane

Concen: 23.220 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012214.D

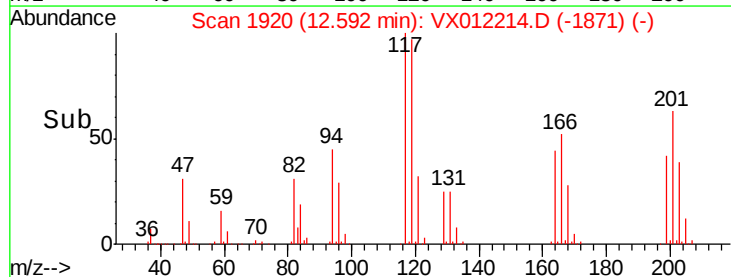
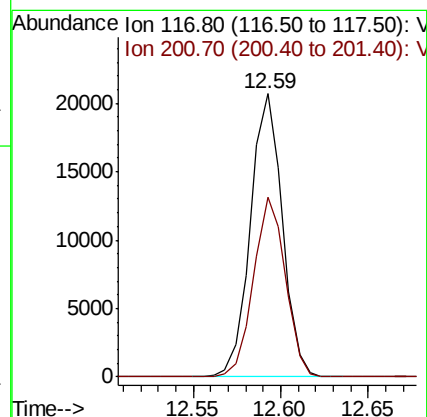
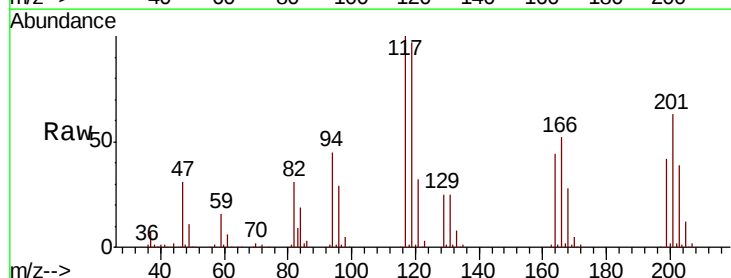
Acq: 08 Sep 2019 11:05

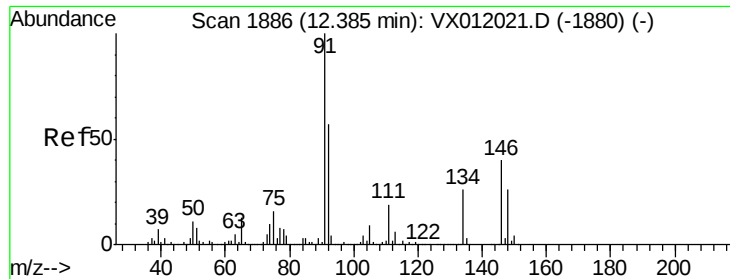
Tgt Ion: 117 Resp: 26162

Ion Ratio Lower Upper

117 100

201 63.8 55.0 165.2

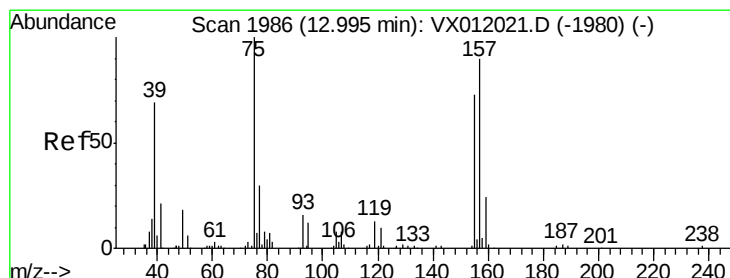
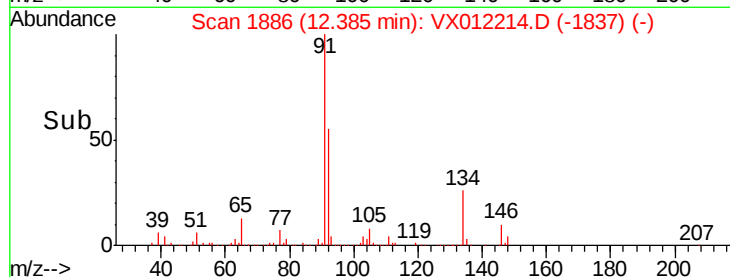
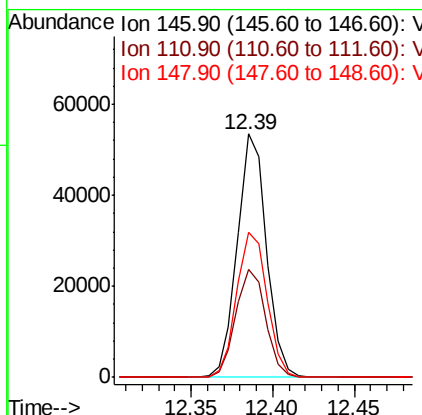
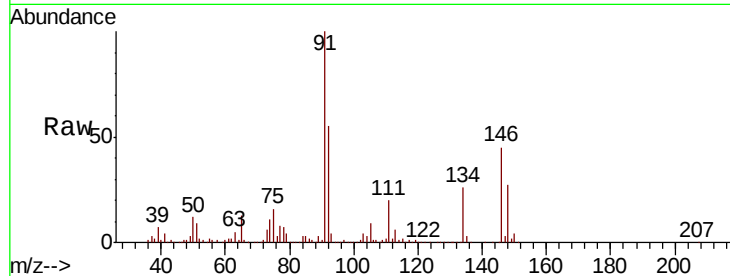




#91
 1,2-Dichlorobenzene
 Concen: 27.655 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012214.D
 Acq: 08 Sep 2019 11:05

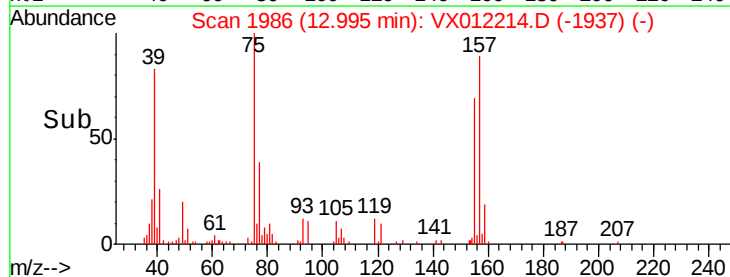
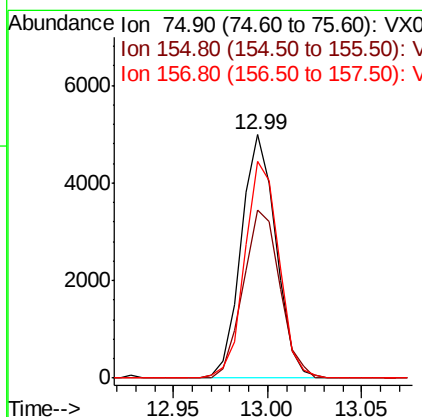
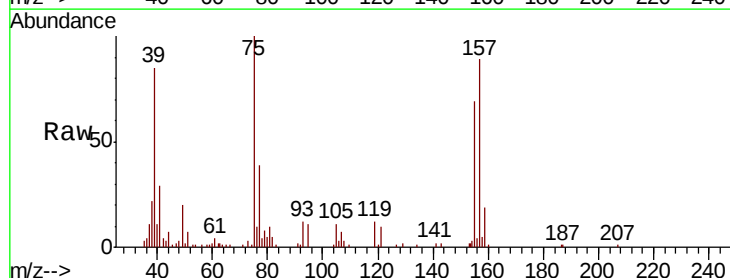
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS01

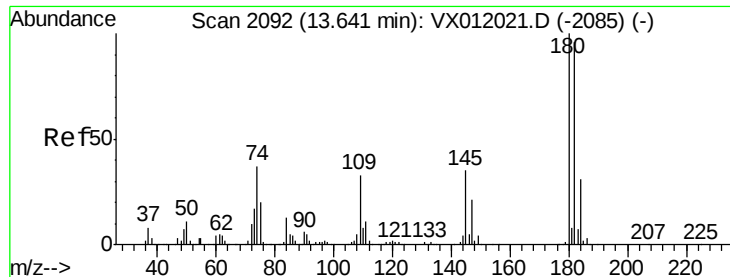
Tgt Ion:146 Resp: 66758
 Ion Ratio Lower Upper
 146 100
 111 45.6 18.6 56.0
 148 62.4 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.537 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012214.D
 Acq: 08 Sep 2019 11:05

Tgt Ion: 75 Resp: 6402
 Ion Ratio Lower Upper
 75 100
 155 72.4 51.7 155.2
 157 87.2 66.9 200.7

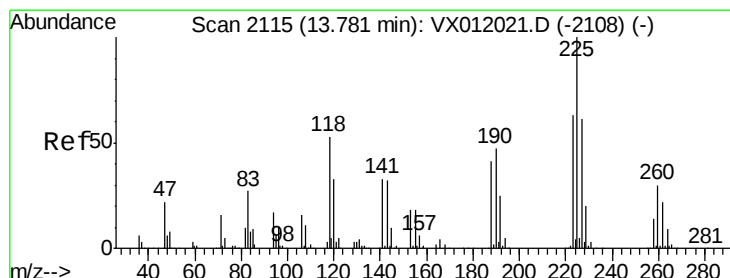
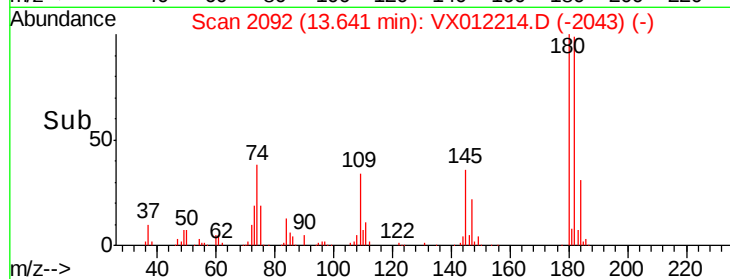
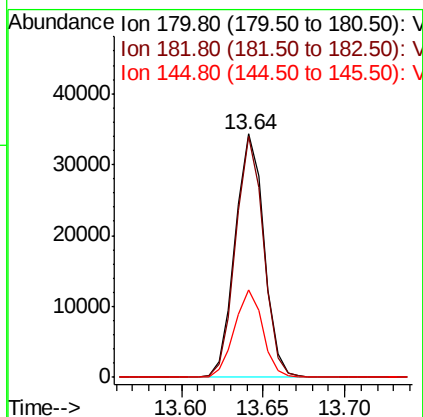
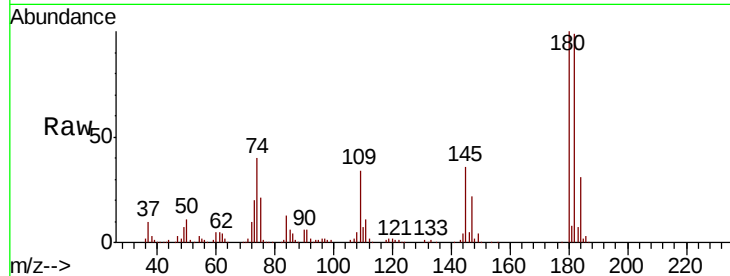




#93
 1,2,4-Trichlorobenzene
 Concen: 24.569 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012214.D
 Acq: 08 Sep 2019 11:05

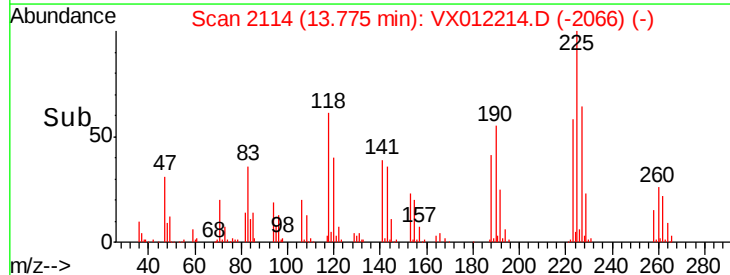
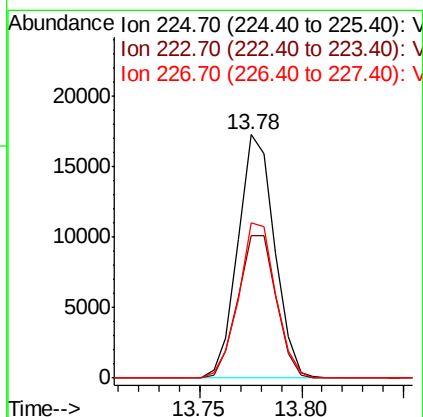
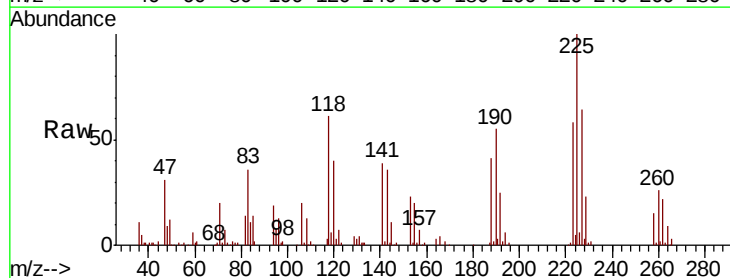
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS01

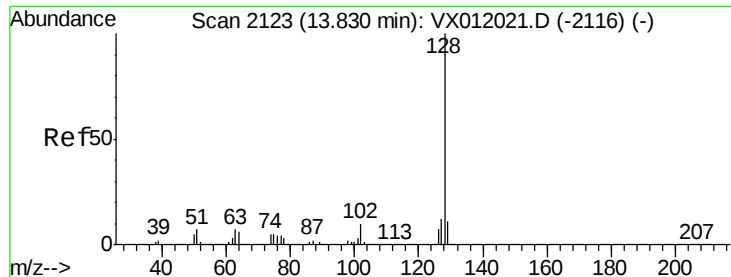
Tgt Ion:180 Resp: 42214
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.3 142.0
 145 35.2 13.7 41.0



#94
 Hexachlorobutadiene
 Concen: 24.747 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012214.D
 Acq: 08 Sep 2019 11:05

Tgt Ion:225 Resp: 21433
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.6 95.0
 227 64.5 32.5 97.5

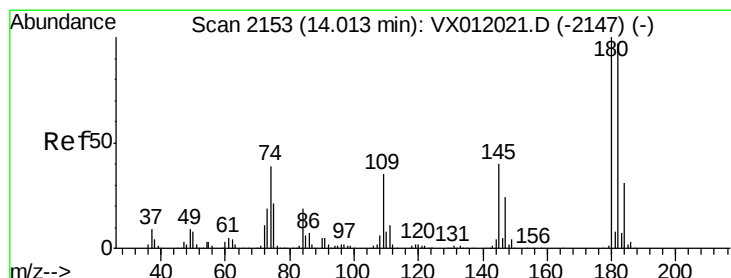
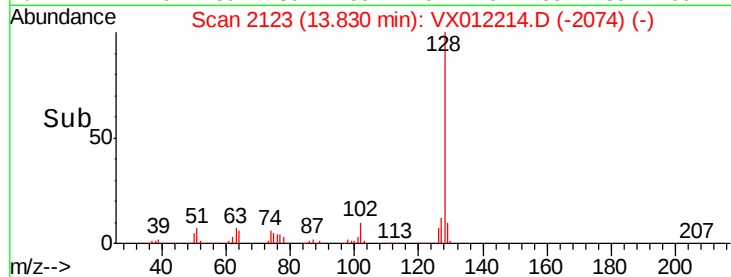
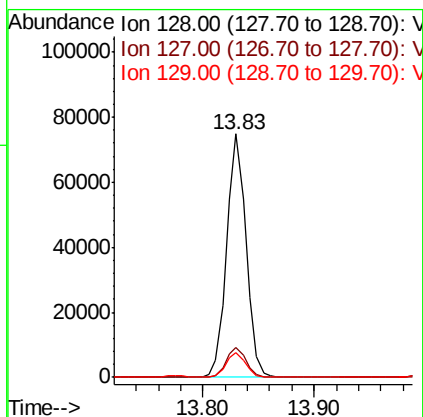
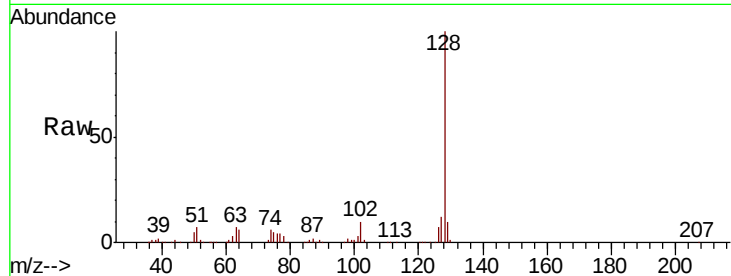




#95
Naphthalene
Concen: 24.267 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012214.D
Acq: 08 Sep 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS01

Tgt Ion:128 Resp: 90239
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 25.044 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX012214.D
Acq: 08 Sep 2019 11:05

Tgt Ion:180 Resp: 37856
Ion Ratio Lower Upper
180 100
182 94.1 47.9 143.6
145 37.4 14.1 42.4

