

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
 Data File : VX012257.D
 Acq On : 10 Sep 2019 15:58
 Operator : SY/SP
 Sample : VX0910SBSD02
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBSD02

Quant Time: Sep 11 01:35:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	133914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	244834	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114941	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	95010	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
35) Dibromofluoromethane	5.48	113	72925	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
50) Toluene-d8	8.71	98	273620	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	11.14	95	118764	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	22085	20.172	ug/l	93
3) Chloromethane	1.31	50	20675	20.949	ug/l	97
4) Vinyl Chloride	1.40	62	20252	20.696	ug/l	94
5) Bromomethane	1.62	94	9089	20.151	ug/l	95
6) Chloroethane	1.70	64	13146	20.091	ug/l	97
7) Trichlorofluoromethane	1.91	101	35100	19.820	ug/l	99
8) Diethyl Ether	2.17	74	12367	20.465	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	24363	20.412	ug/l	98
10) Methyl Iodide	2.50	142	21863	19.245	ug/l	100
11) Tert butyl alcohol	3.04	59	29539	142.978	ug/l #	93
12) 1,1-Dichloroethene	2.36	96	20731	20.458	ug/l	98
13) Acrolein	2.28	56	10119	102.243	ug/l	96
14) Allyl chloride	2.72	41	42083	20.370	ug/l	99
15) Acrylonitrile	3.13	53	40041	107.189	ug/l	99
16) Acetone	2.43	43	40066	89.394	ug/l	97
17) Carbon Disulfide	2.55	76	42036	19.755	ug/l	99
18) Methyl Acetate	2.76	43	20001	21.231	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	86967	21.732	ug/l	97
20) Methylene Chloride	2.84	84	31500	20.999	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	24641	20.382	ug/l	95
22) Diisopropyl ether	3.84	45	98120	20.767	ug/l	96
23) Vinyl Acetate	3.80	43	306404	105.699	ug/l	99
24) 1,1-Dichloroethane	3.68	63	52515	20.750	ug/l	98
25) 2-Butanone	4.66	43	59396	103.666	ug/l	93
26) 2,2-Dichloropropane	4.56	77	45536	19.165	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	32226	20.647	ug/l	99
28) Bromochloromethane	5.00	49	23707	19.973	ug/l	98
29) Tetrahydrofuran	5.12	42	34296	110.943	ug/l	99
30) Chloroform	5.20	83	58588	20.530	ug/l	95
31) Cyclohexane	5.57	56	35265	20.060	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	48929	19.967	ug/l	100
36) 1,1-Dichloropropene	5.78	75	34657	19.413	ug/l	96
37) Ethyl Acetate	4.82	43	23168	20.994	ug/l	98
38) Carbon Tetrachloride	5.77	117	39702	18.955	ug/l	97

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 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBSD02

Quant Time: Sep 11 01:35:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	37112	18.943	ug/l	97
40) Benzene	6.13	78	110037	20.365	ug/l	99
41) Methacrylonitrile	5.03	41	14941	21.961	ug/l	97
42) 1,2-Dichloroethane	6.18	62	44408	20.795	ug/l	100
43) Isopropyl Acetate	6.43	43	49439	21.249	ug/l	99
44) Trichloroethene	7.20	130	28783	19.684	ug/l	99
45) 1,2-Dichloropropane	7.51	63	30136	20.150	ug/l	99
46) Dibromomethane	7.65	93	16873	20.642	ug/l	98
47) Bromodichloromethane	7.89	83	44137	19.787	ug/l	95
48) Methyl methacrylate	7.76	41	22983	20.637	ug/l	100
49) 1,4-Dioxane	7.73	88	6348	422.417	ug/l #	91
51) 4-Methyl-2-Pentanone	8.64	43	124623	101.488	ug/l	99
52) Toluene	8.78	92	71910	20.149	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	43789	19.668	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	48750	19.746	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	26078	20.593	ug/l	97
56) Ethyl methacrylate	9.17	69	35462	20.682	ug/l	99
57) 1,3-Dichloropropane	9.37	76	44974	20.794	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	89045	101.327	ug/l	99
59) 2-Hexanone	9.49	43	87751	102.776	ug/l	99
60) Dibromochloromethane	9.57	129	28988	19.608	ug/l	97
61) 1,2-Dibromoethane	9.67	107	24707	20.960	ug/l	97
64) Tetrachloroethene	9.33	164	24231	20.331	ug/l	98
65) Chlorobenzene	10.14	112	83500	20.278	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	30879	19.893	ug/l	99
67) Ethyl Benzene	10.25	91	145953	19.929	ug/l	99
68) m/p-Xylenes	10.35	106	108103	40.099	ug/l	97
69) o-Xylene	10.70	106	53613	20.301	ug/l	100
70) Styrene	10.71	104	94916	20.265	ug/l	99
71) Bromoform	10.85	173	15480	19.232	ug/l #	95
73) Isopropylbenzene	11.01	105	145265	19.198	ug/l	99
74) N-amyl acetate	10.89	43	44272	19.677	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	33330	20.509	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	35587	24.101	ug/l	88
77) Bromobenzene	11.25	156	35646	20.461	ug/l	99
78) n-propylbenzene	11.35	91	178842	19.572	ug/l	99
79) 2-Chlorotoluene	11.42	91	110891	19.587	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	132874	19.526	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	9290	18.851	ug/l	96
82) 4-Chlorotoluene	11.51	91	134614	19.785	ug/l	99
83) tert-Butylbenzene	11.76	119	126391	19.128	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	138022	19.621	ug/l	99
85) sec-Butylbenzene	11.94	105	152135	19.297	ug/l	100
86) p-Isopropyltoluene	12.06	119	142614	19.577	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	69641	19.623	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	71921	20.042	ug/l	98
89) n-Butylbenzene	12.38	91	136580	19.129	ug/l	99
90) Hexachloroethane	12.59	117	24409	18.191	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	65137	19.841	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6905	20.816	ug/l	94

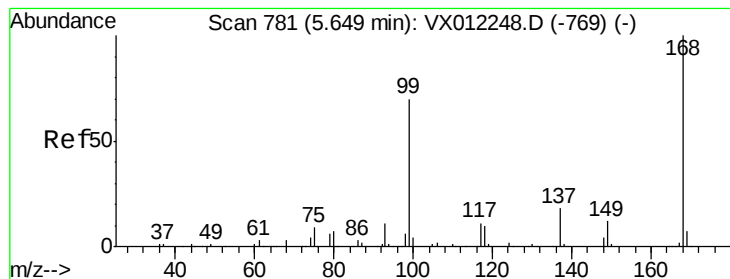
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
Data File : VX012257.D
Acq On : 10 Sep 2019 15:58
Operator : SY/SP
Sample : VX0910SBSD02
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBSD02

Quant Time: Sep 11 01:35:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	44313	19.546	ug/l	99
94) Hexachlorobutadiene	13.77	225	21125	18.730	ug/l	100
95) Naphthalene	13.83	128	99029	20.354	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	40583	20.232	ug/l	99

(#) = 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: VX012257.D

Acq: 10 Sep 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

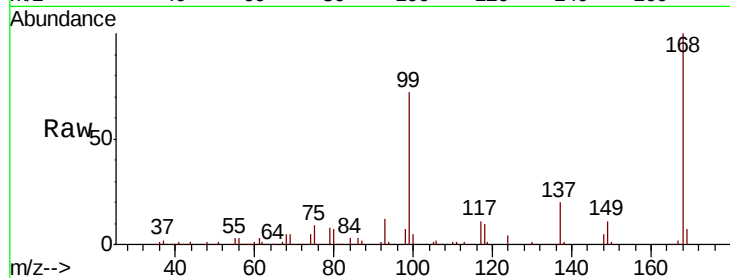
VX0910SBS02

Tgt Ion:168 Resp: 133914

Ion Ratio Lower Upper

168 100

99 71.5 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

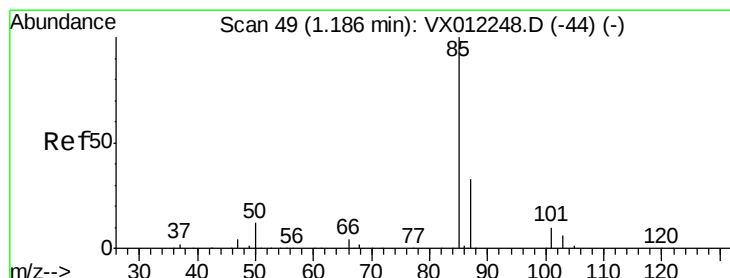
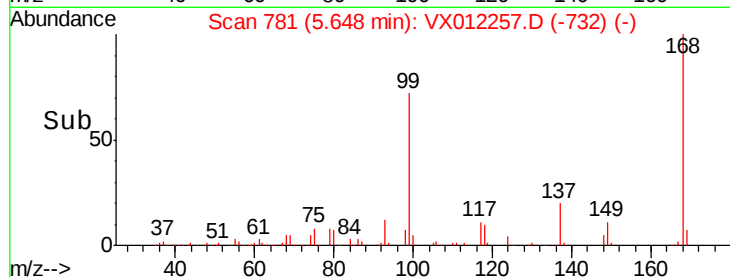
30000

20000

10000

0

Time--> 5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 20.172 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012257.D

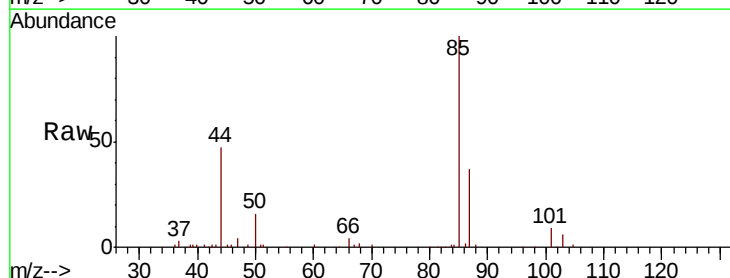
Acq: 10 Sep 2019 15:58

Tgt Ion: 85 Resp: 22085

Ion Ratio Lower Upper

85 100

87 37.1 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

25000

20000

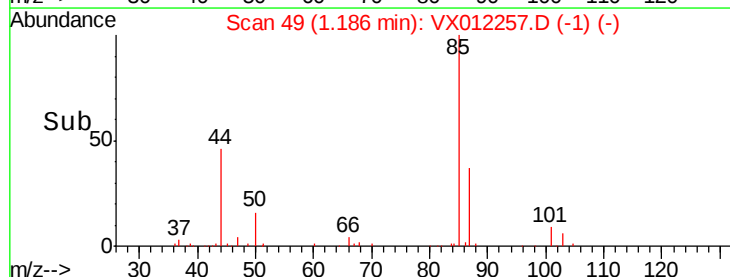
15000

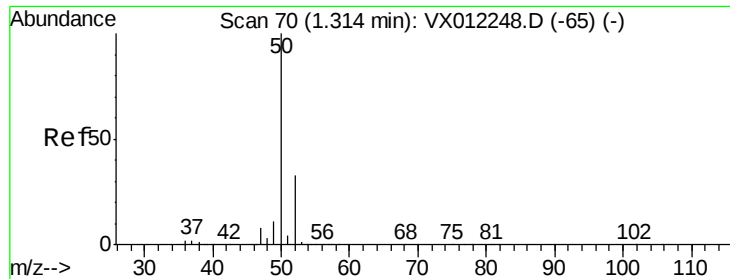
10000

5000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 20.949 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012257.D

Acq: 10 Sep 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

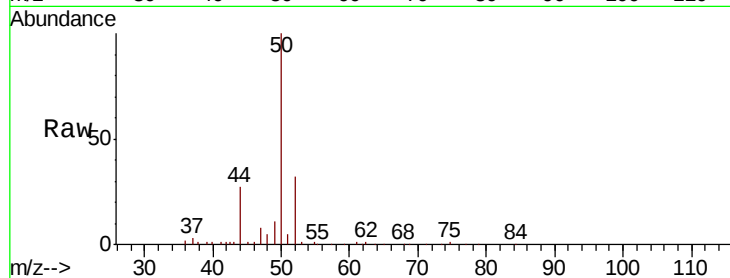
VX0910SBS02

Tgt Ion: 50 Resp: 20675

Ion Ratio Lower Upper

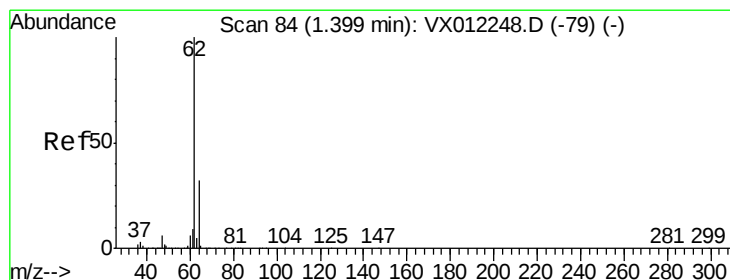
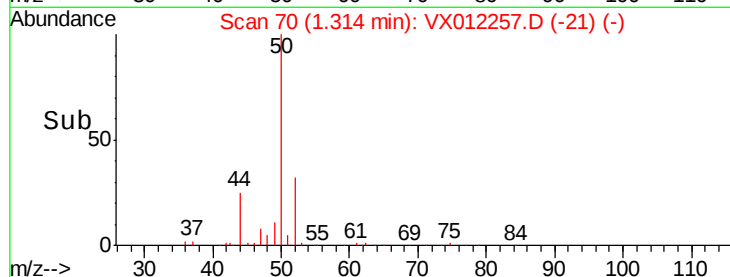
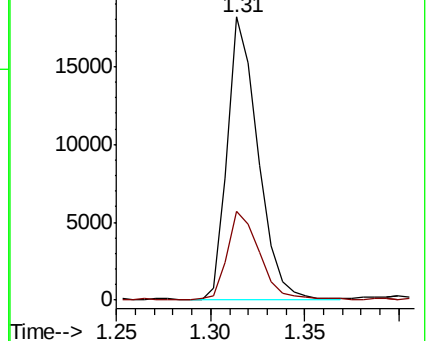
50 100

52 31.5 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.696 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012257.D

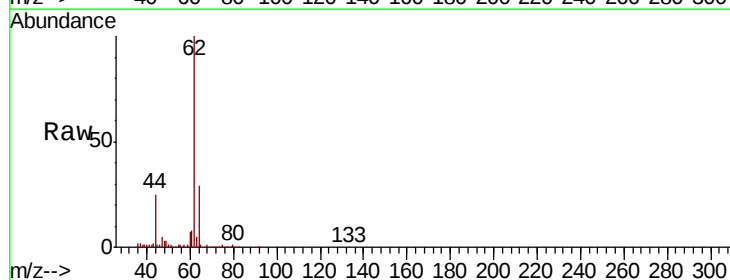
Acq: 10 Sep 2019 15:58

Tgt Ion: 62 Resp: 20252

Ion Ratio Lower Upper

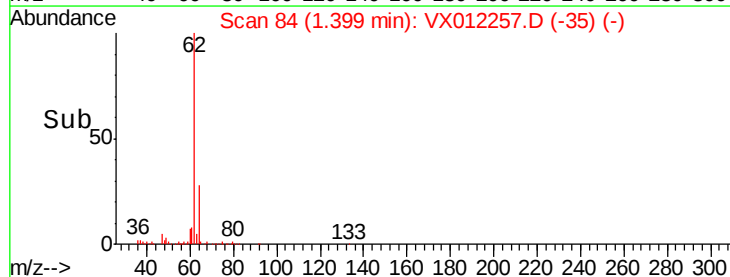
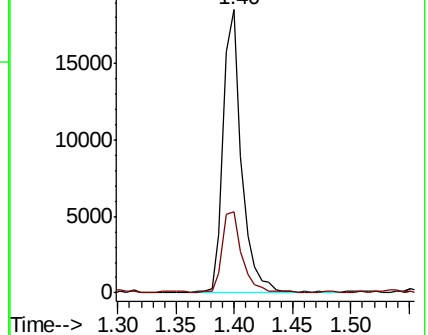
62 100

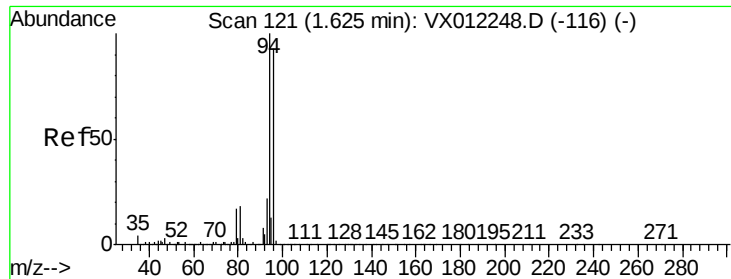
64 28.6 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.151 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012257.D

Acq: 10 Sep 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

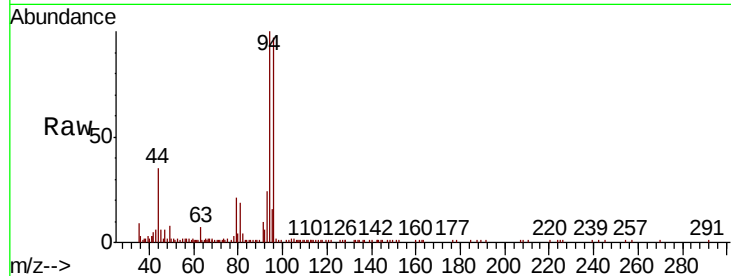
VX0910SBS02

Tgt Ion: 94 Resp: 9089

Ion Ratio Lower Upper

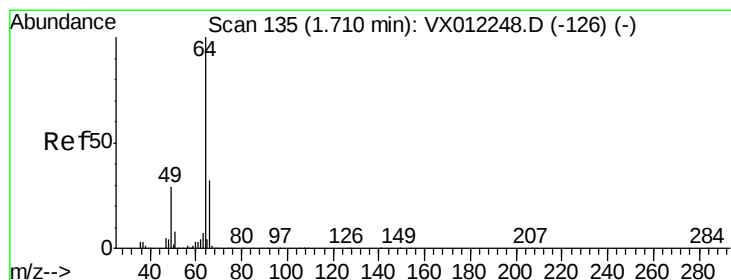
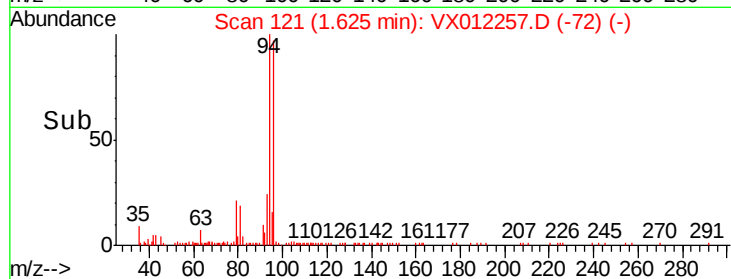
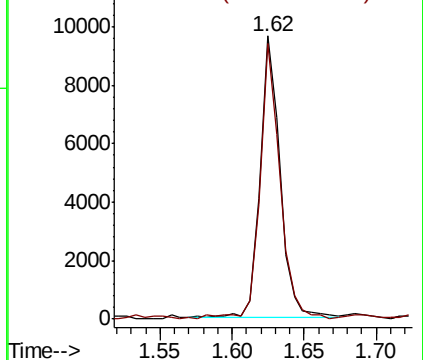
94 100

96 97.3 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.091 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012257.D

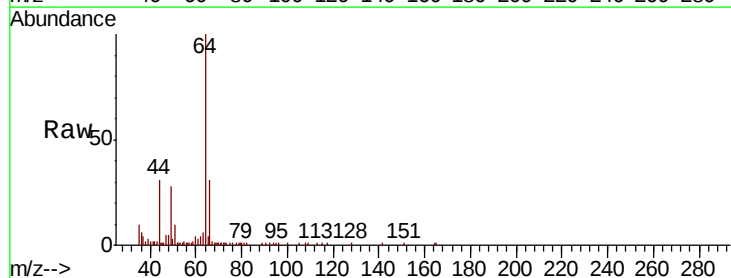
Acq: 10 Sep 2019 15:58

Tgt Ion: 64 Resp: 13146

Ion Ratio Lower Upper

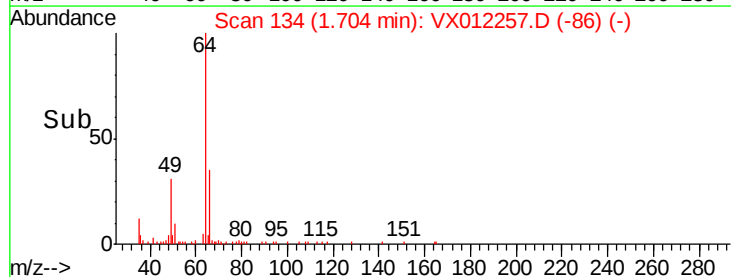
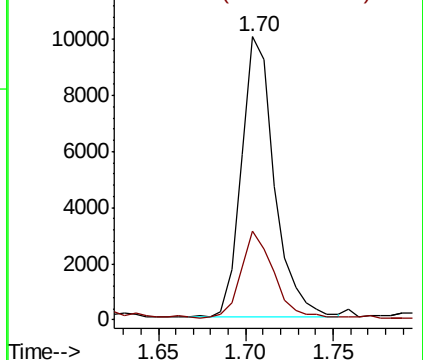
64 100

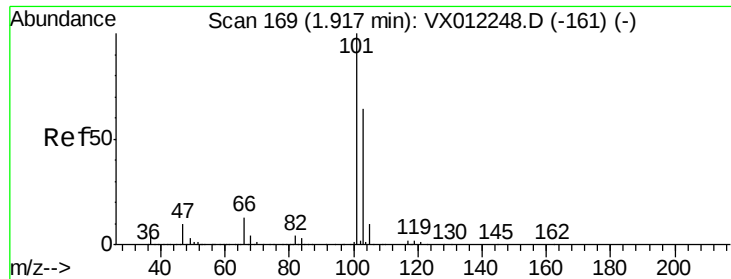
66 30.7 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



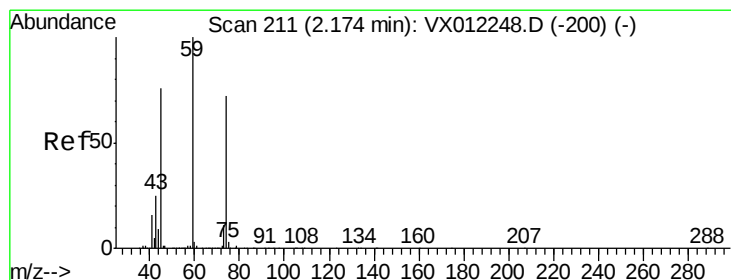
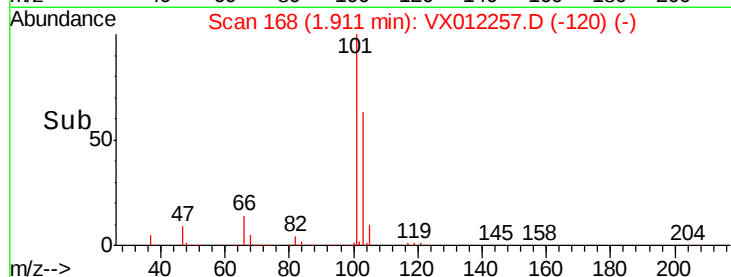
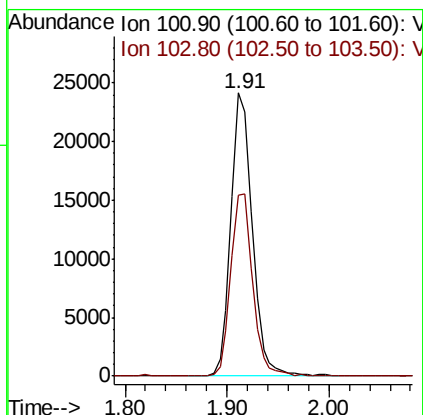
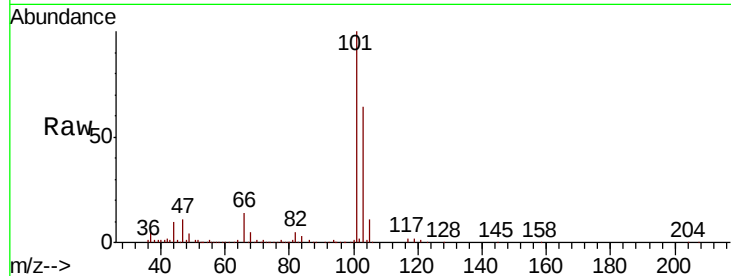


#7

Trichlorofluoromethane
 Concen: 19.820 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS02

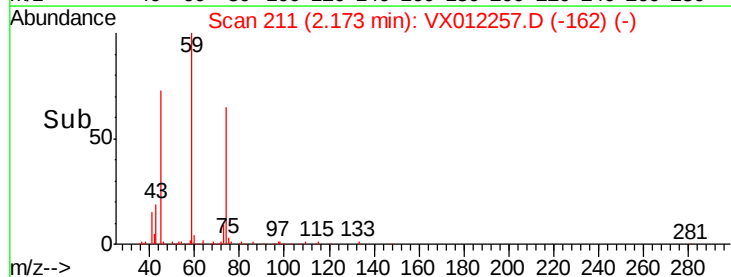
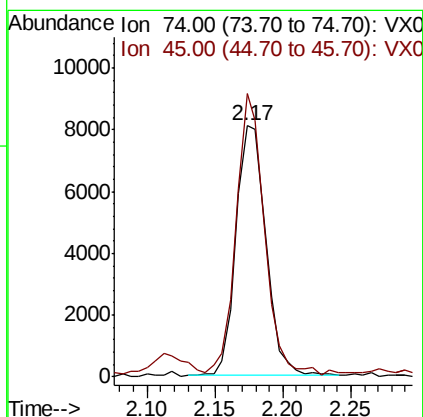
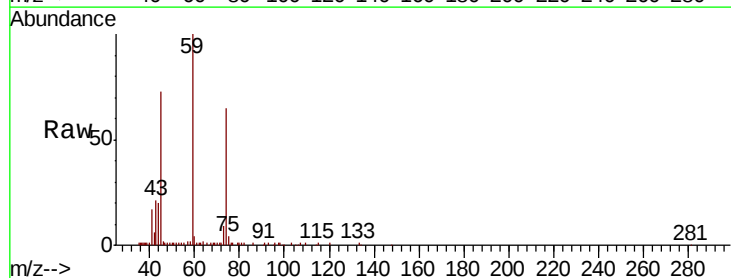
Tgt Ion:101 Resp: 35100
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.4 77.2

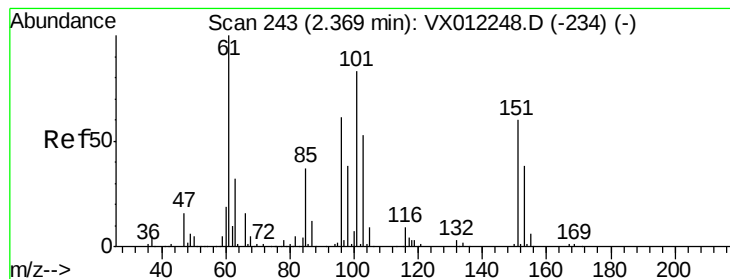


#8

Diethyl Ether
 Concen: 20.465 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

Tgt Ion: 74 Resp: 12367
 Ion Ratio Lower Upper
 74 100
 45 106.3 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.412 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012257.D

Acq: 10 Sep 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS02

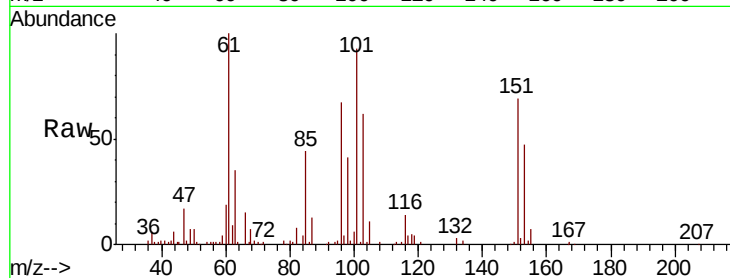
Tgt Ion:101 Resp: 24363

Ion Ratio Lower Upper

101 100

85 47.8 37.0 55.6

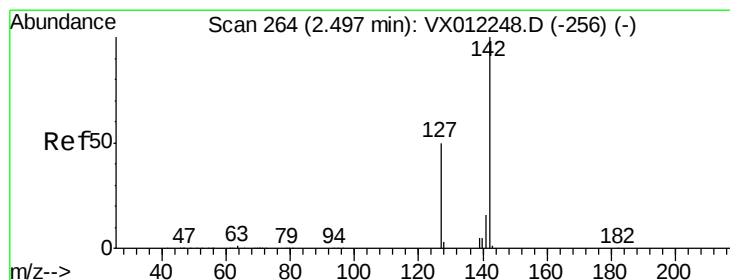
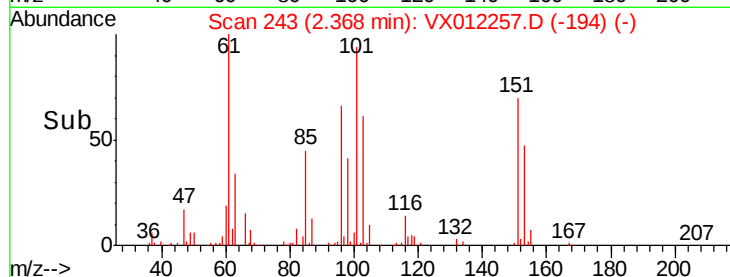
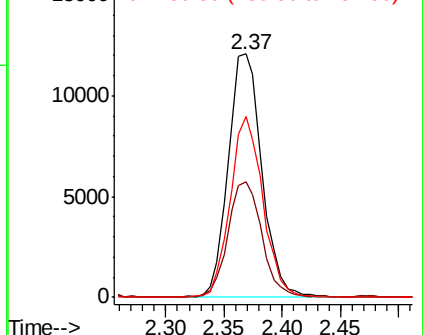
151 72.0 58.6 87.8



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: 19.245 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX012257.D

Acq: 10 Sep 2019 15:58

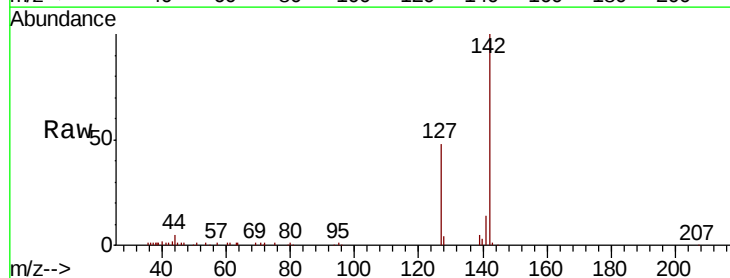
Tgt Ion:142 Resp: 21863

Ion Ratio Lower Upper

142 100

127 50.9 40.6 61.0

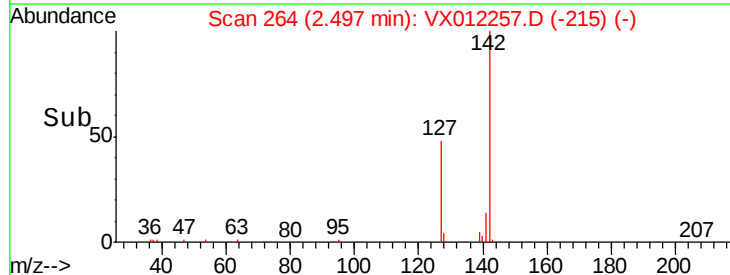
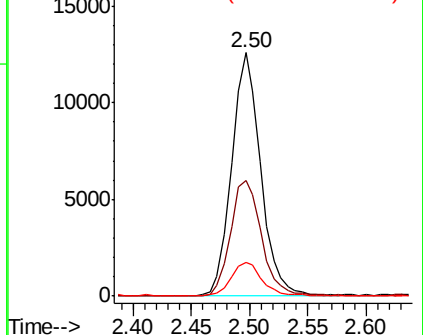
141 14.7 12.0 18.0

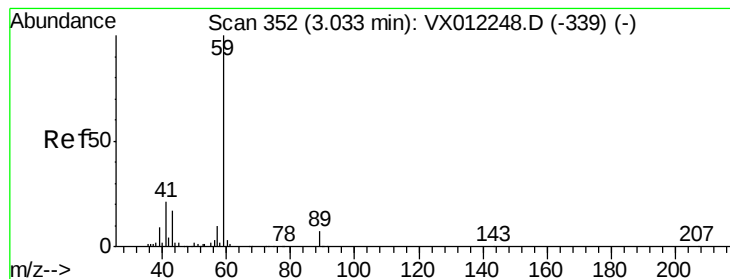


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



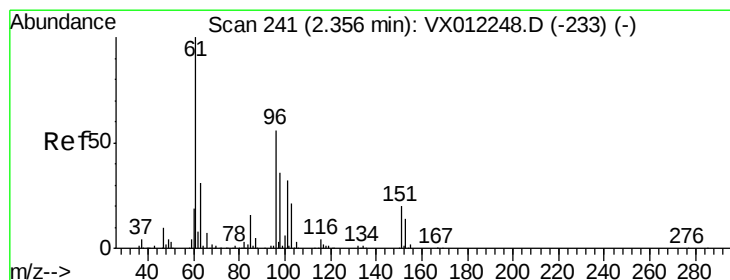
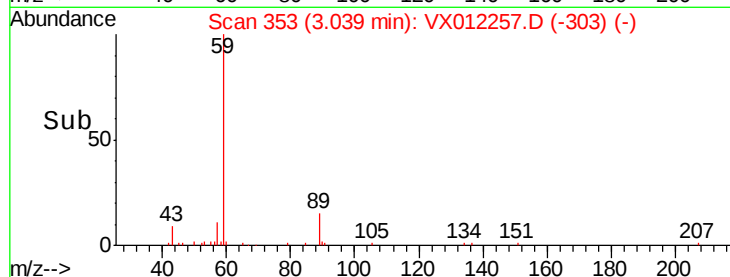
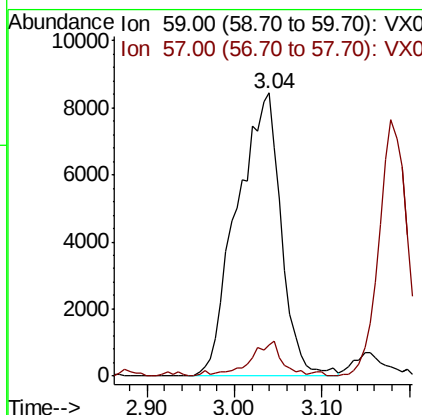
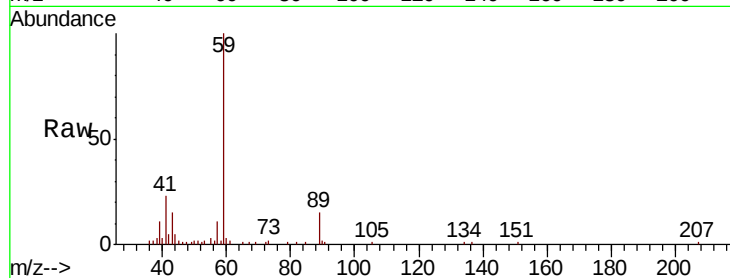


#11

Tert butyl alcohol
 Concen: 142.978 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.01 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS02

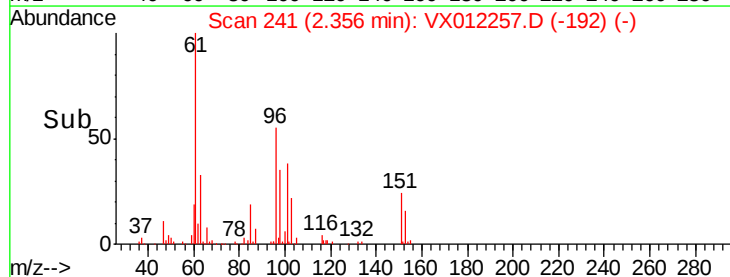
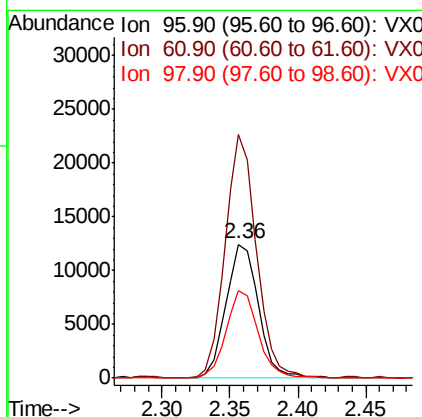
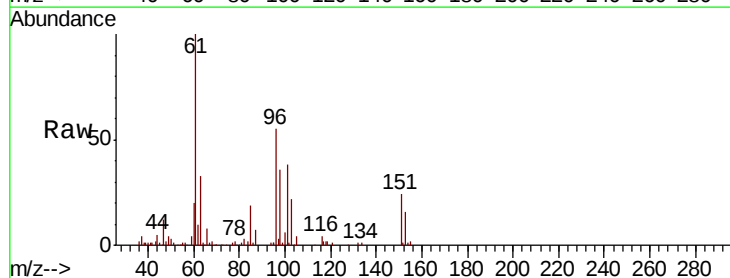
Tgt Ion: 59 Resp: 29539
 Ion Ratio Lower Upper
 59 100
 57 7.3 7.8 11.6#

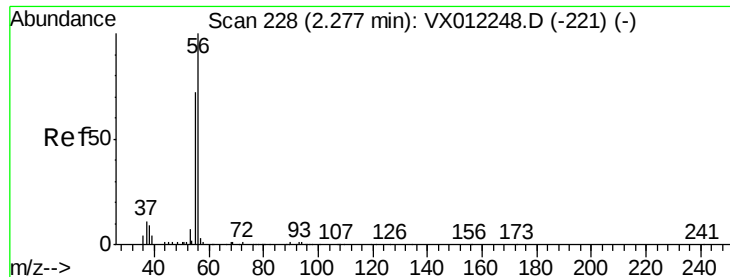


#12

1,1-Dichloroethene
 Concen: 20.458 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.00 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

Tgt Ion: 96 Resp: 20731
 Ion Ratio Lower Upper
 96 100
 61 181.5 142.2 213.2
 98 65.2 51.3 76.9





#13

Acrolein

Concen: 102.243 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.00 min

Lab File: VX012257.D

Acq: 10 Sep 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

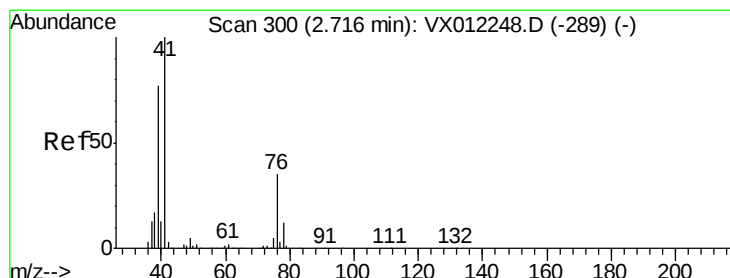
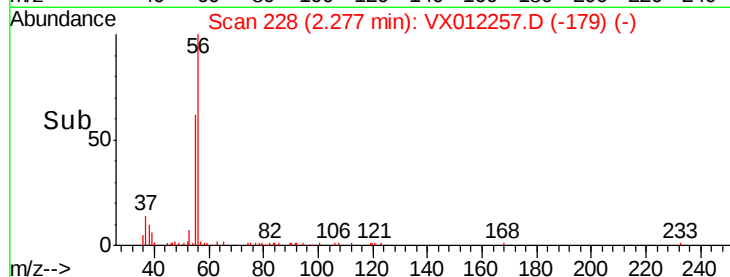
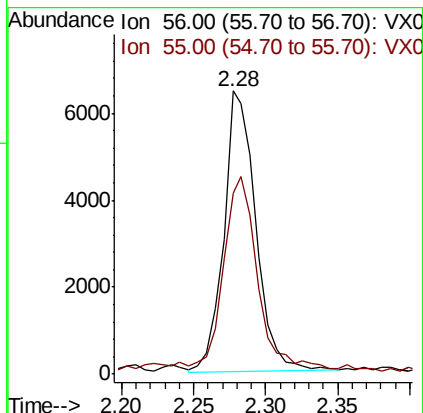
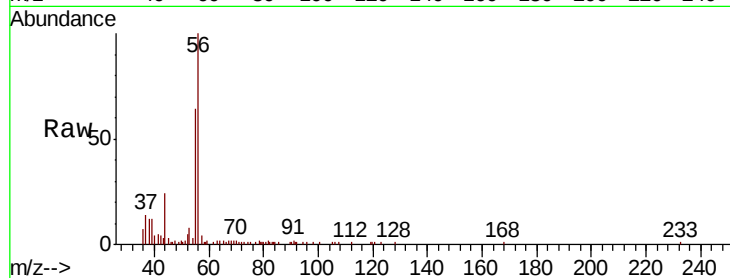
VX0910SBS02

Tgt Ion: 56 Resp: 10119

Ion Ratio Lower Upper

56 100

55 71.1 59.8 89.6



#14

Allyl chloride

Concen: 20.370 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012257.D

Acq: 10 Sep 2019 15:58

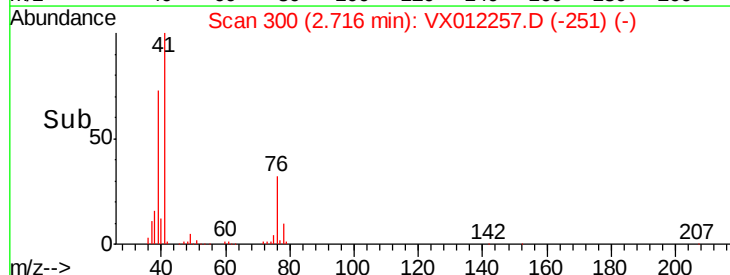
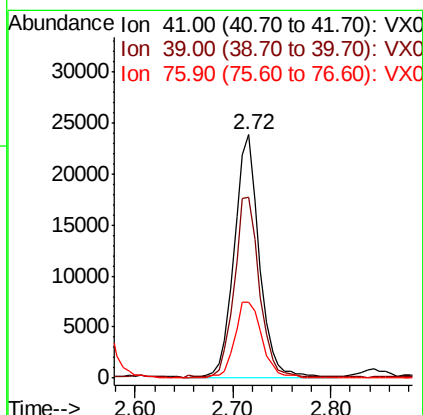
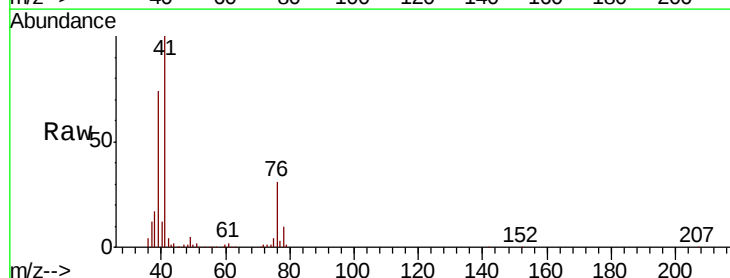
Tgt Ion: 41 Resp: 42083

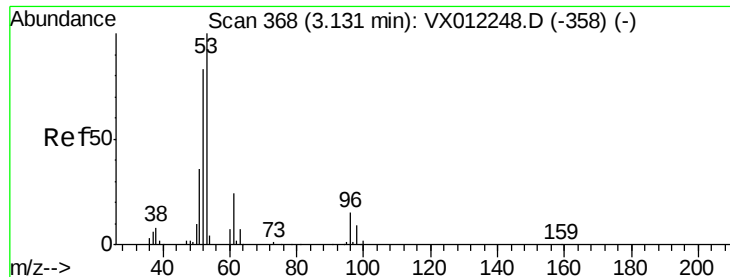
Ion Ratio Lower Upper

41 100

39 73.8 58.6 87.8

76 34.8 26.3 39.5





#15

Acrylonitrile

Concen: 107.189 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012257.D

Acq: 10 Sep 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS02

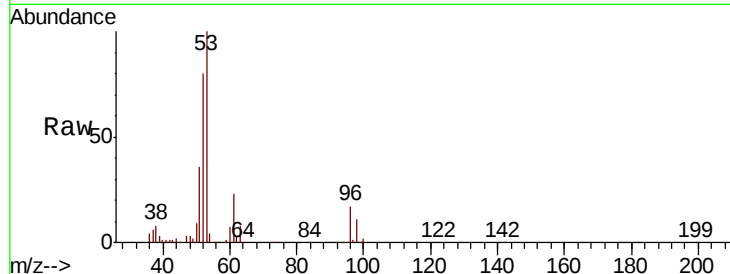
Tgt Ion: 53 Resp: 40041

Ion Ratio Lower Upper

53 100

52 83.4 66.8 100.2

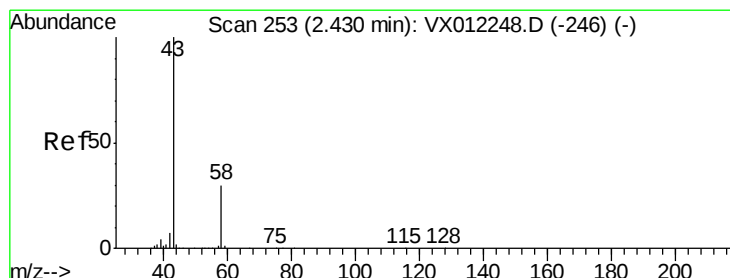
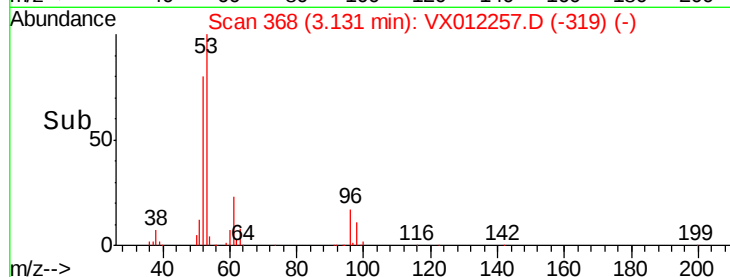
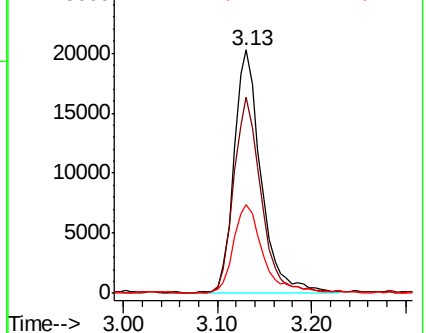
51 40.0 30.7 46.1



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: 89.394 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012257.D

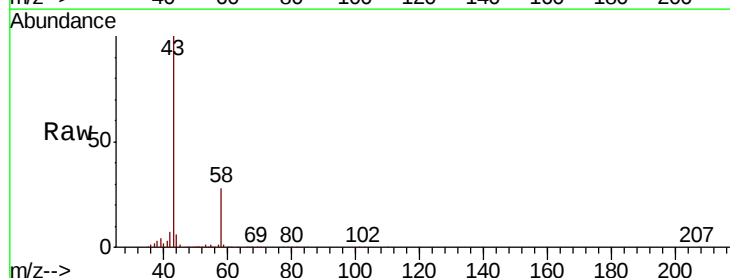
Acq: 10 Sep 2019 15:58

Tgt Ion: 43 Resp: 40066

Ion Ratio Lower Upper

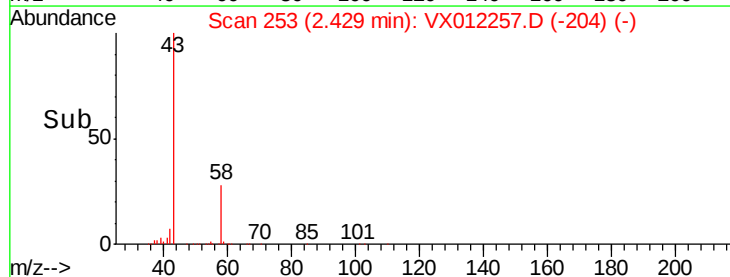
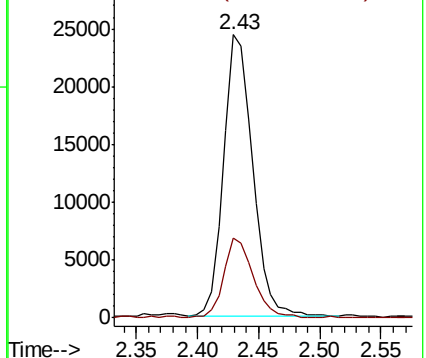
43 100

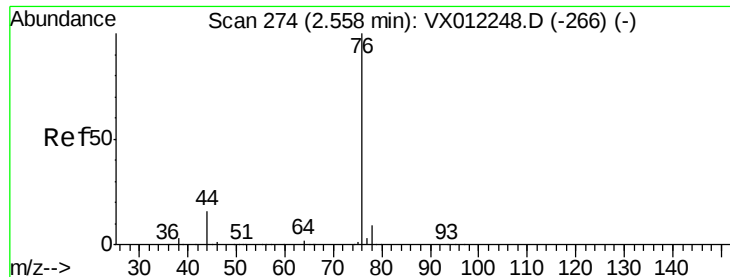
58 28.1 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

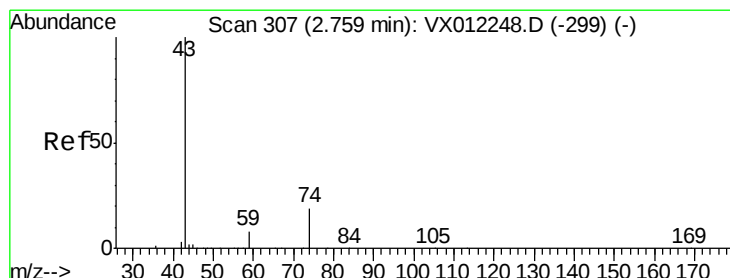
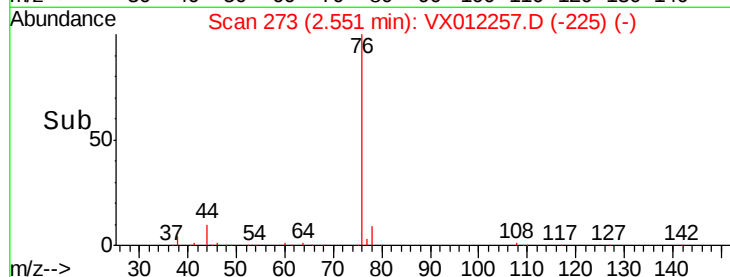
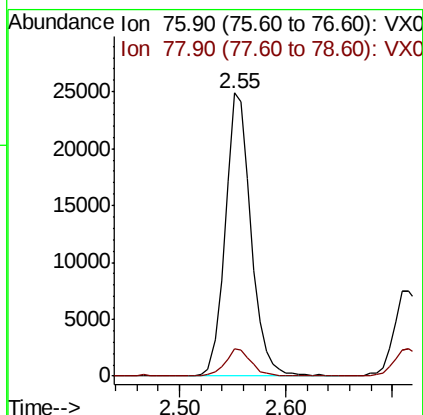
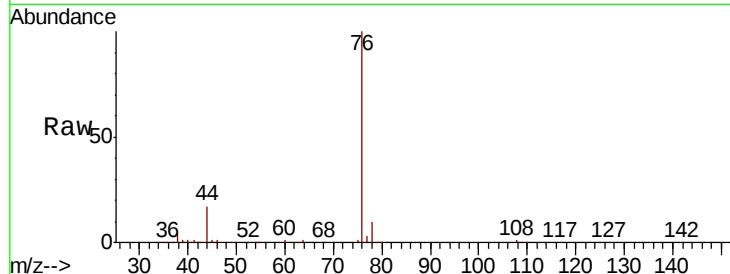




#17
Carbon Disulfide
Concen: 19.755 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX012257.D
Acq: 10 Sep 2019 15:58

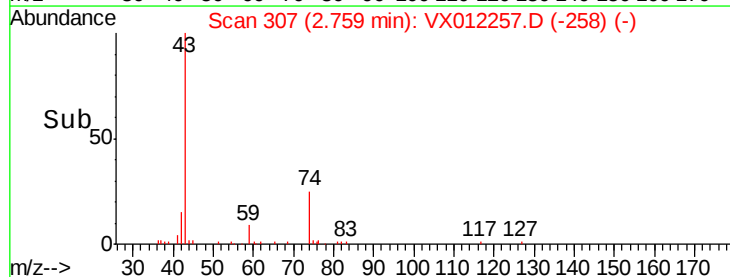
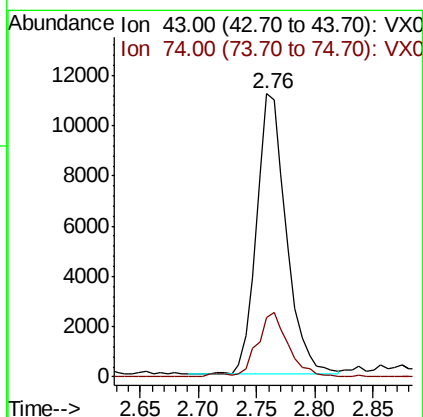
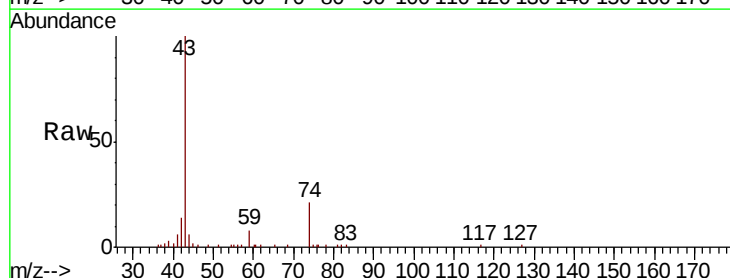
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBSD02

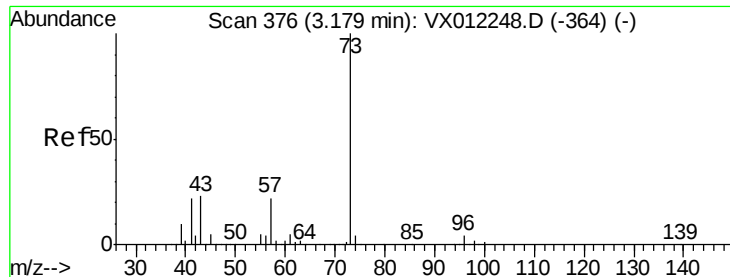
Tgt Ion: 76 Resp: 42036
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



#18
Methyl Acetate
Concen: 21.231 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012257.D
Acq: 10 Sep 2019 15:58

Tgt Ion: 43 Resp: 20001
Ion Ratio Lower Upper
43 100
74 23.5 18.3 27.5

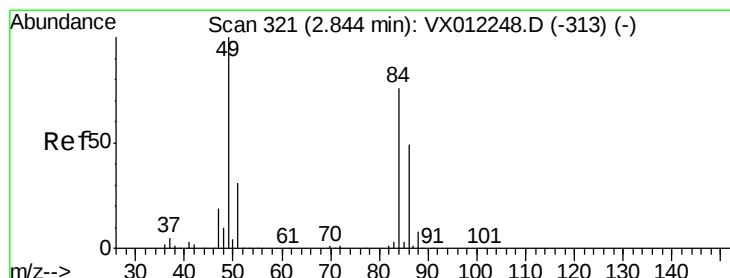
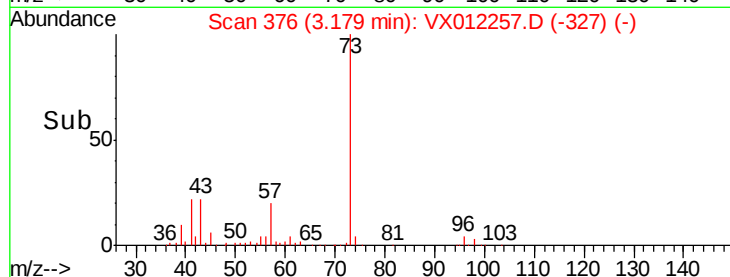
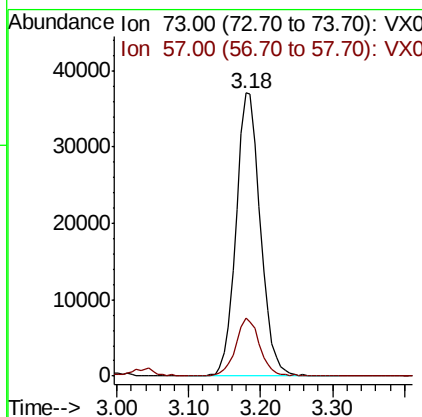
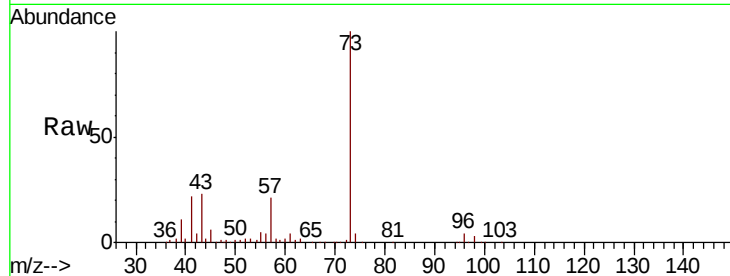




#19
Methyl tert-butyl Ether
Concen: 21.732 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012257.D
Acq: 10 Sep 2019 15:58

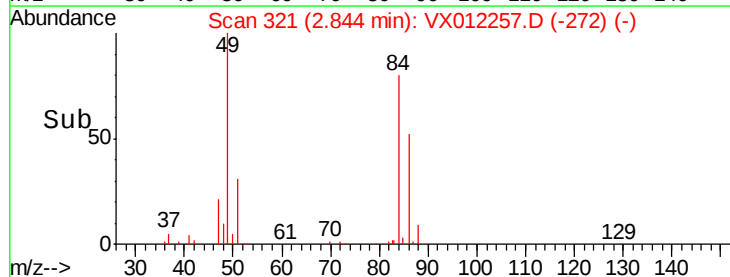
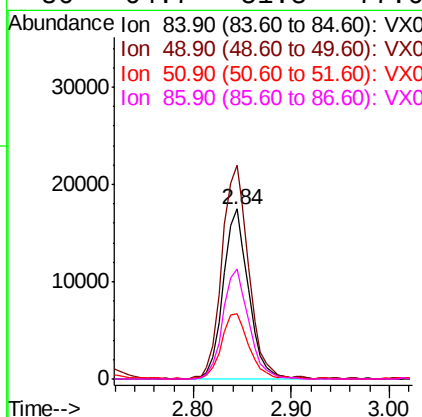
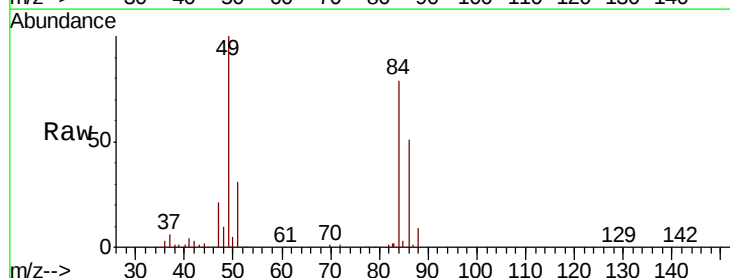
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS02

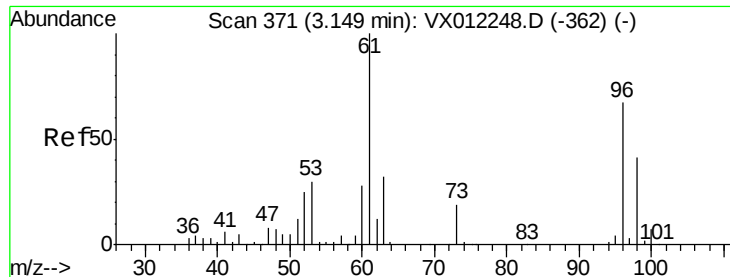
Tgt Ion: 73 Resp: 86967
Ion Ratio Lower Upper
73 100
57 20.4 17.7 26.5



#20
Methylene Chloride
Concen: 20.999 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012257.D
Acq: 10 Sep 2019 15:58

Tgt Ion: 84 Resp: 31500
Ion Ratio Lower Upper
84 100
49 125.9 105.0 157.6
51 38.6 32.6 48.8
86 64.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 20.382 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012257.D

Acq: 10 Sep 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS02

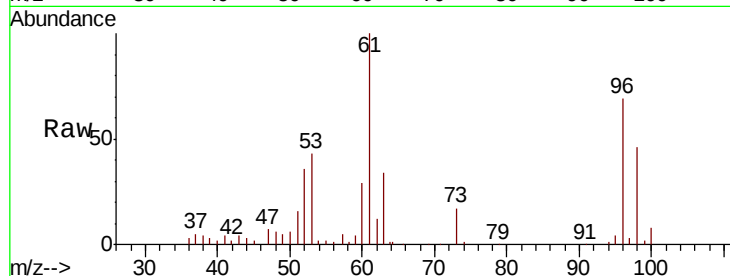
Tgt Ion: 96 Resp: 24641

Ion Ratio Lower Upper

96 100

61 143.5 119.4 179.2

98 65.6 48.4 72.6

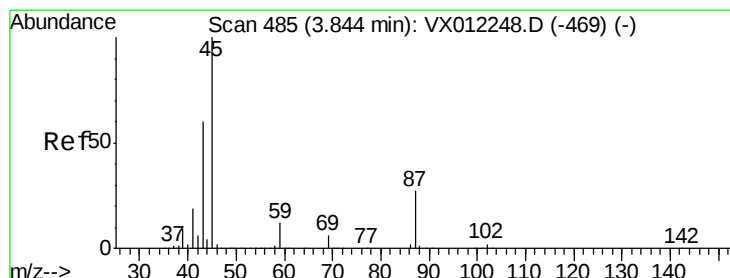
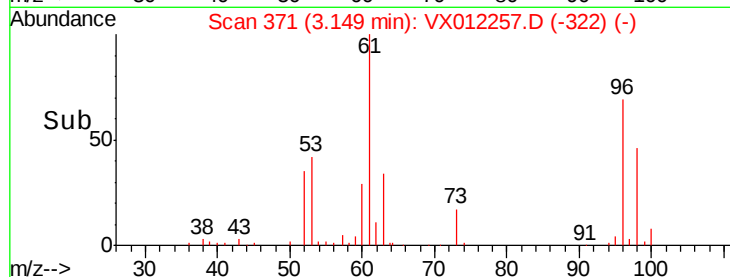
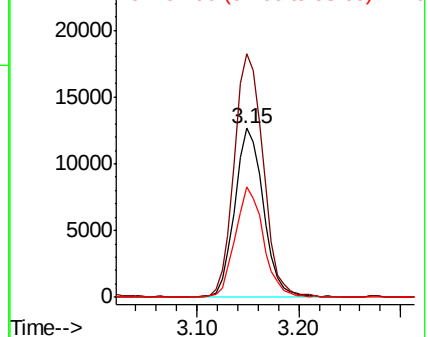


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.767 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012257.D

Acq: 10 Sep 2019 15:58

Tgt Ion: 45 Resp: 98120

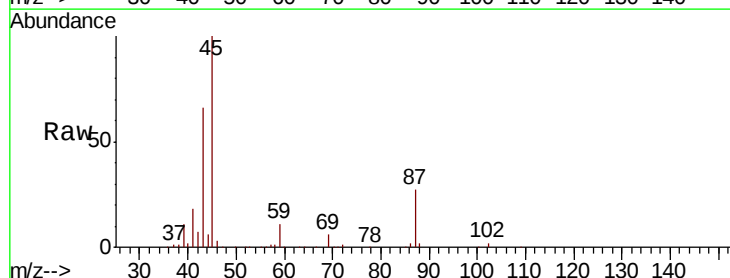
Ion Ratio Lower Upper

45 100

43 65.6 48.3 72.5

87 27.4 21.8 32.8

59 11.4 9.1 13.7



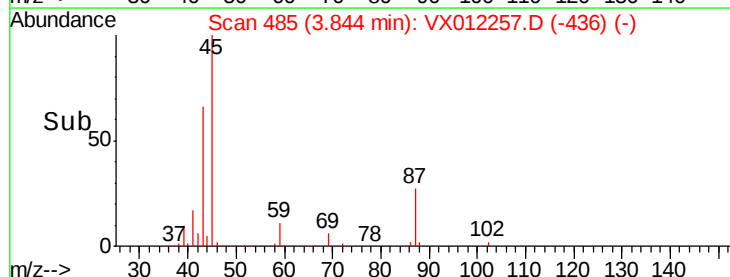
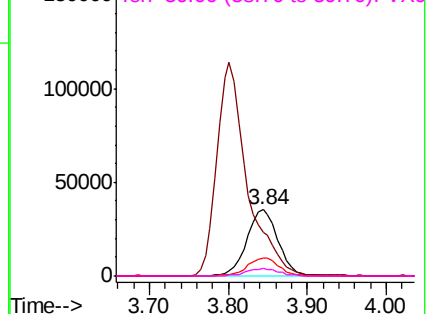
Abundance

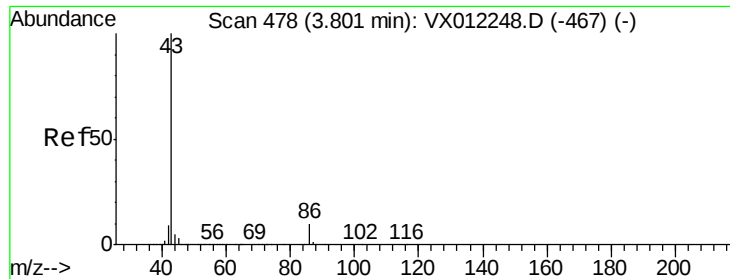
Ion 45.00 (44.70 to 45.70): VX0

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

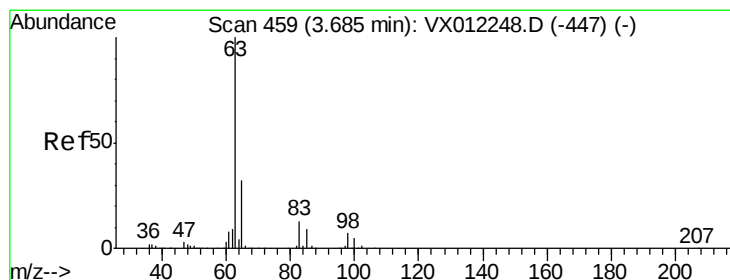
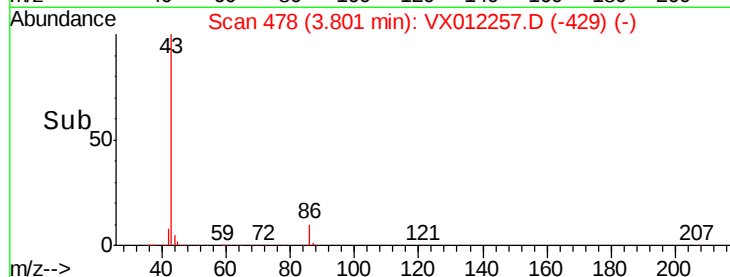
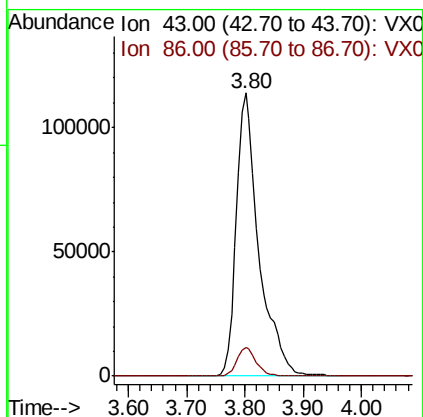
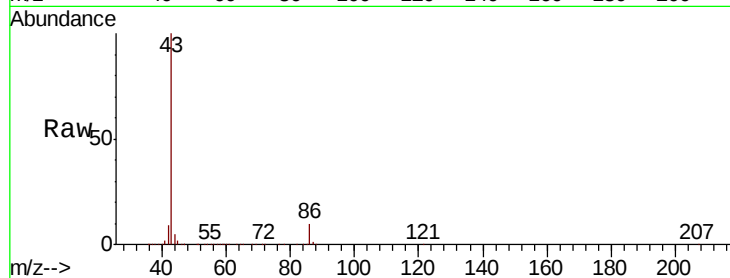




#23
 Vinyl Acetate
 Concen: 105.699 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

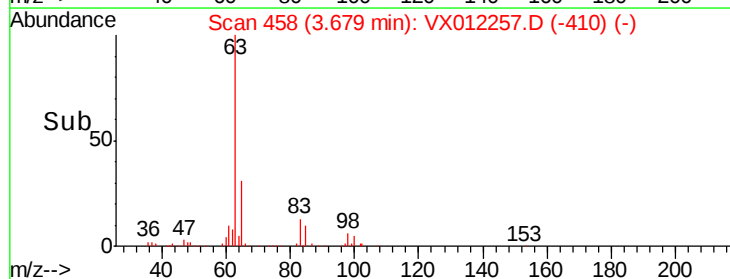
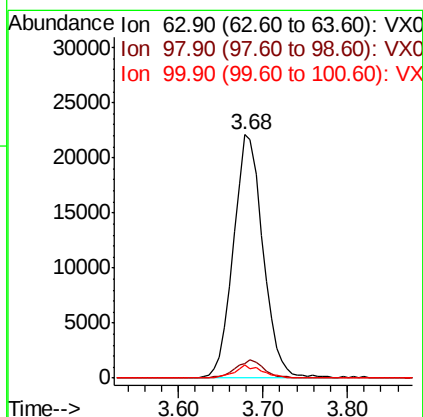
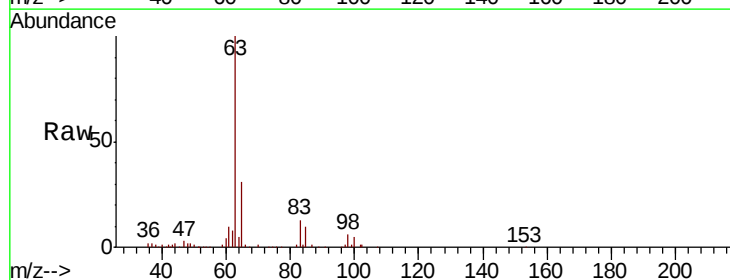
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBSD02

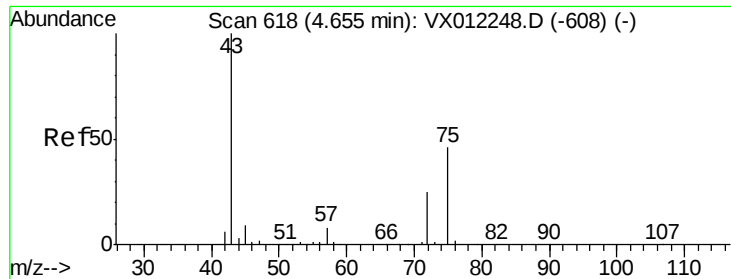
Tgt Ion: 43 Resp: 306404
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 20.750 ug/l
 RT: 3.68 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

Tgt Ion: 63 Resp: 52515
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.4 10.1
 100 5.3 2.4 7.2





#25

2-Butanone

Concen: 103.666 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012257.D

Acq: 10 Sep 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

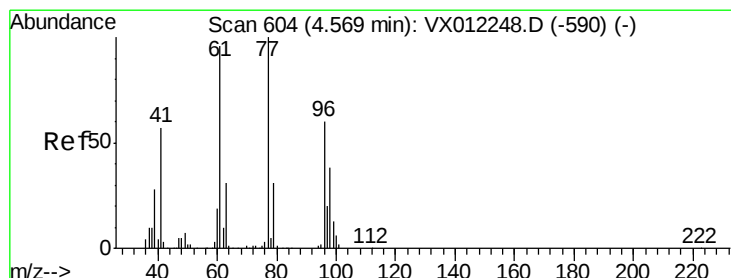
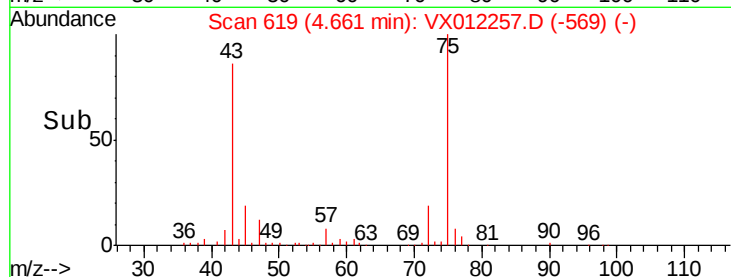
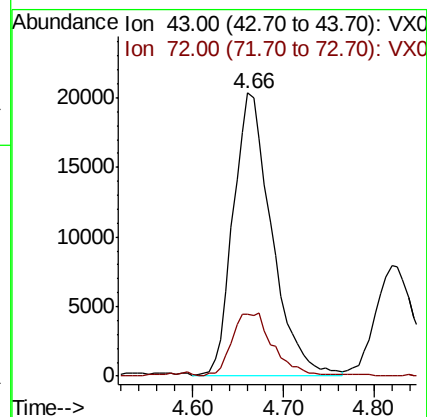
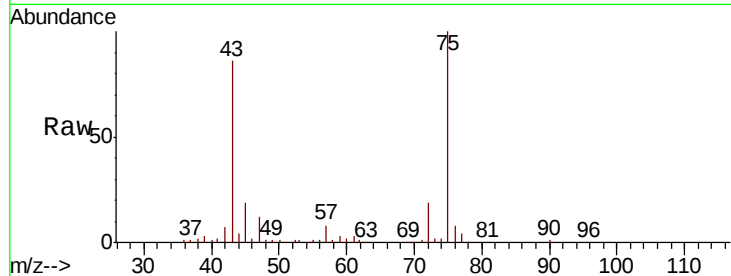
VX0910SBS02

Tgt Ion: 43 Resp: 59396

Ion Ratio Lower Upper

43 100

72 21.4 20.2 30.2



#26

2,2-Dichloropropane

Concen: 19.165 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012257.D

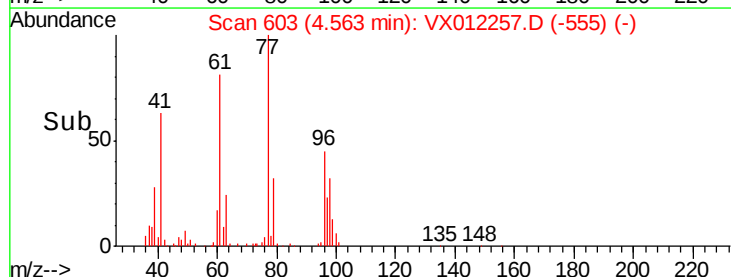
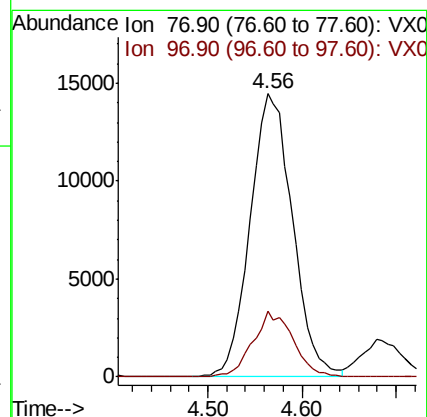
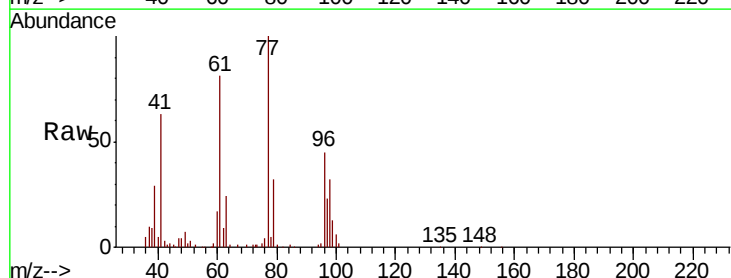
Acq: 10 Sep 2019 15:58

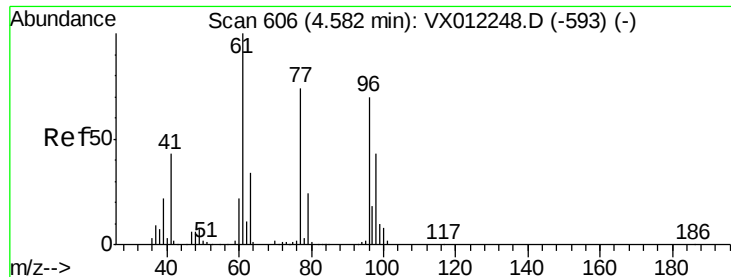
Tgt Ion: 77 Resp: 45536

Ion Ratio Lower Upper

77 100

97 21.9 10.7 32.1



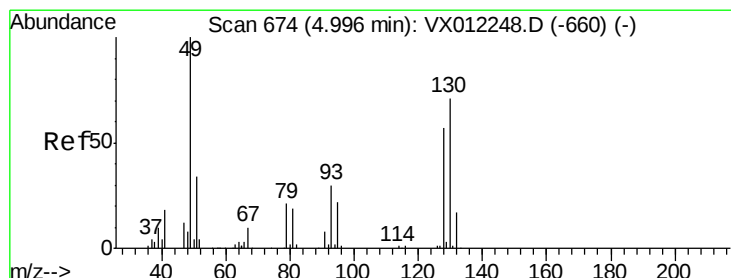
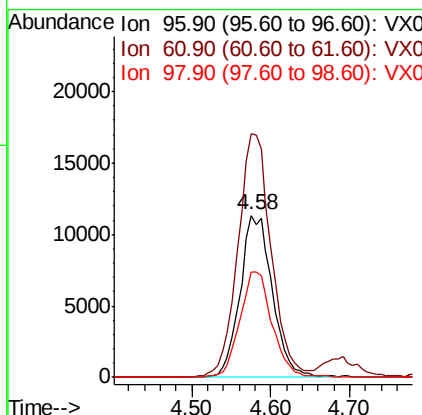
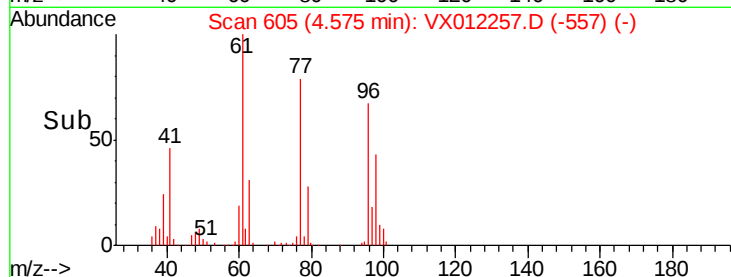
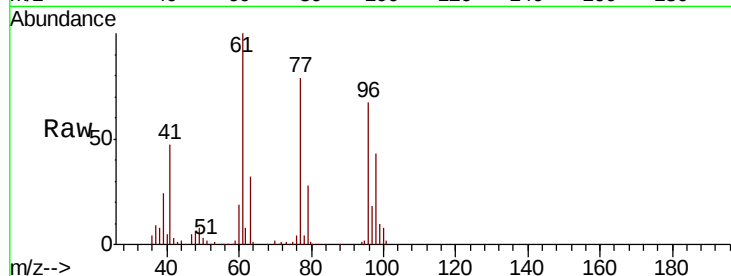


#27

cis-1,2-Dichloroethene
 Concen: 20.647 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS02

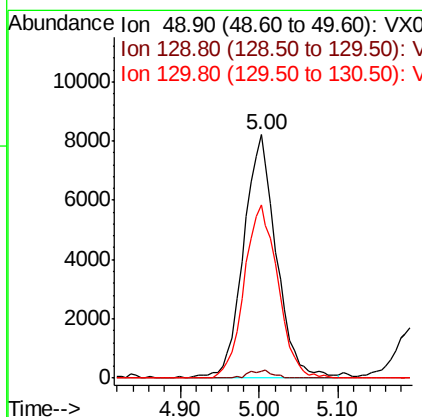
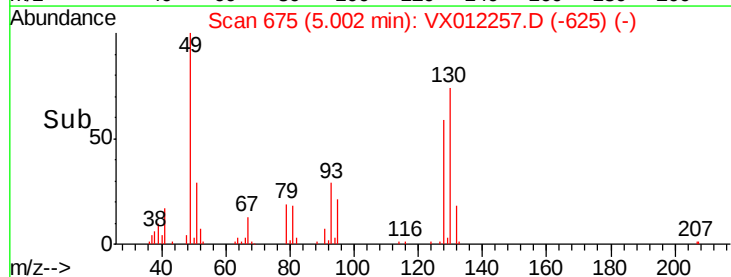
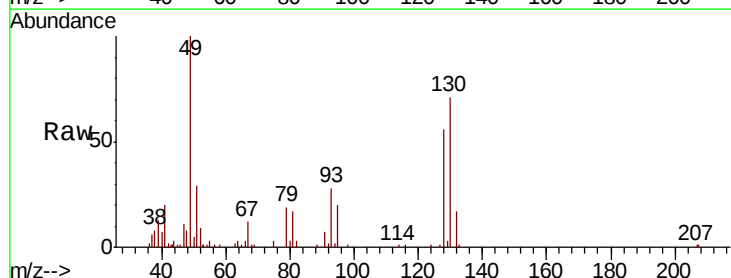
Tgt Ion: 96 Resp: 32226
 Ion Ratio Lower Upper
 96 100
 61 156.1 0.0 310.4
 98 65.5 0.0 128.8

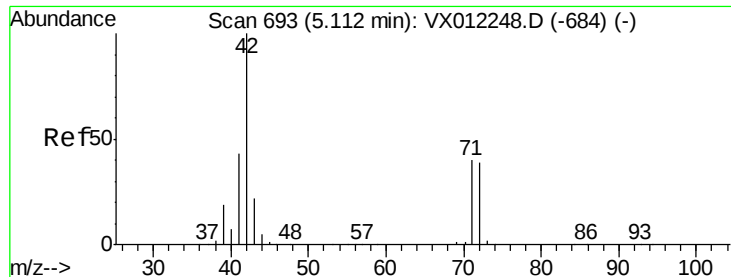


#28

Bromochloromethane
 Concen: 19.973 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.01 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

Tgt Ion: 49 Resp: 23707
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 5.2
 130 72.9 60.1 90.1

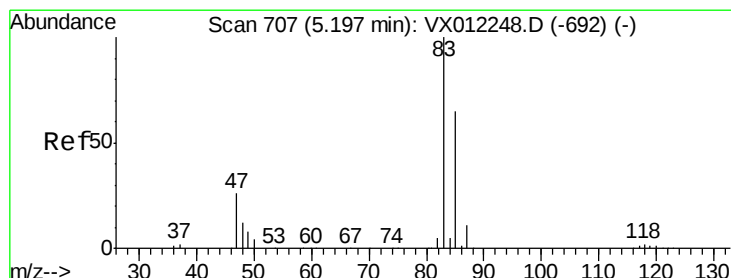
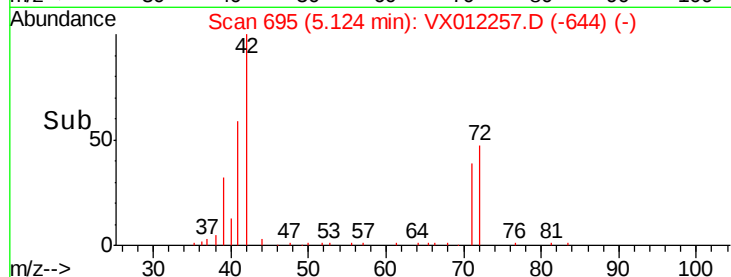
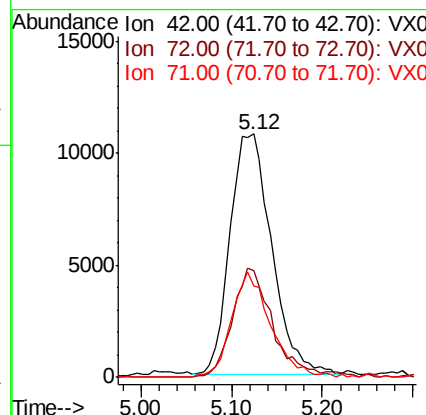
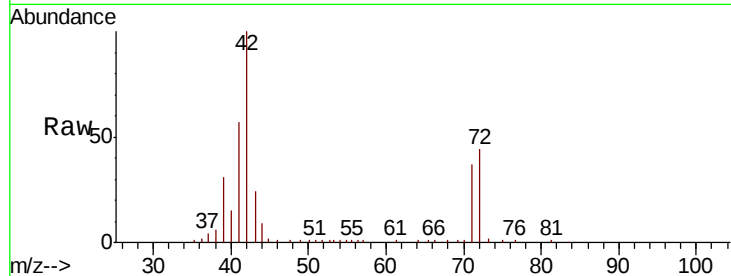




#29
Tetrahydrofuran
Concen: 110.943 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012257.D
Acq: 10 Sep 2019 15:58

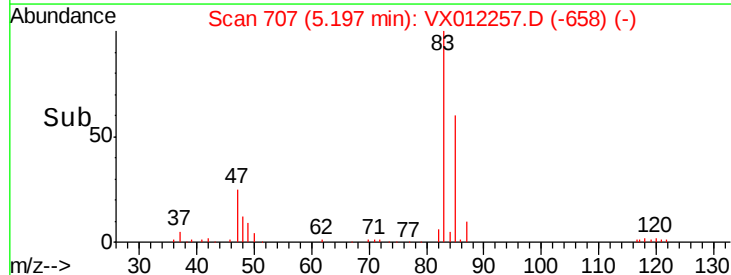
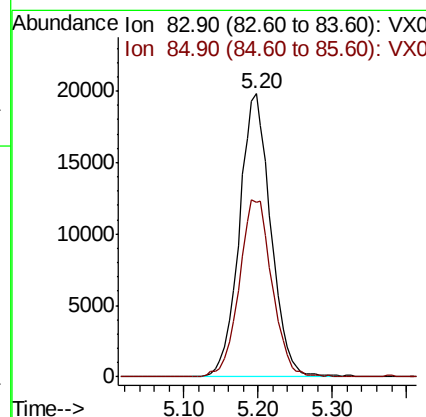
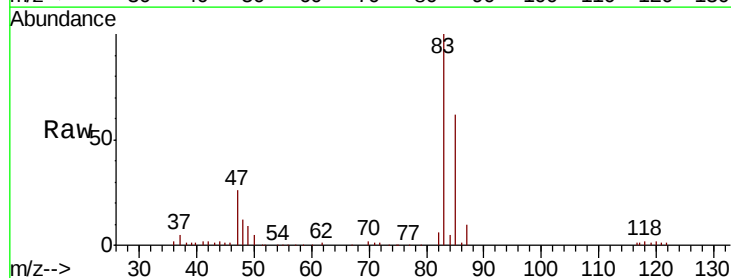
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBSD02

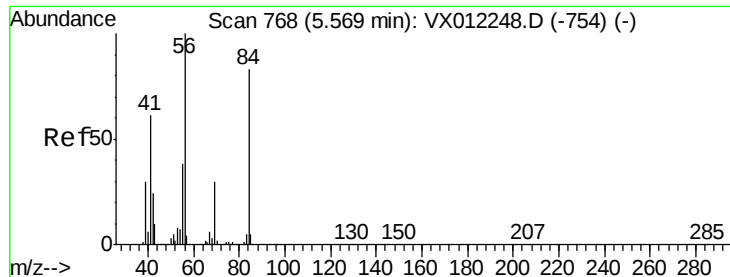
Tgt Ion: 42 Resp: 34296
Ion Ratio Lower Upper
42 100
72 42.9 35.2 52.8
71 41.1 32.5 48.7



#30
Chloroform
Concen: 20.530 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012257.D
Acq: 10 Sep 2019 15:58

Tgt Ion: 83 Resp: 58588
Ion Ratio Lower Upper
83 100
85 61.7 52.3 78.5





#31

Cyclohexane

Concen: 20.060 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX012257.D

Acq: 10 Sep 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS02

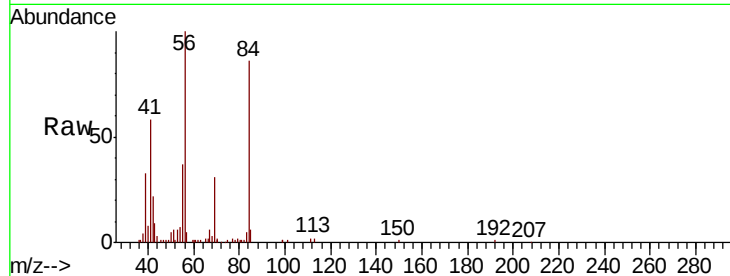
Tgt Ion: 56 Resp: 35265

Ion Ratio Lower Upper

56 100

69 30.5 23.8 35.6

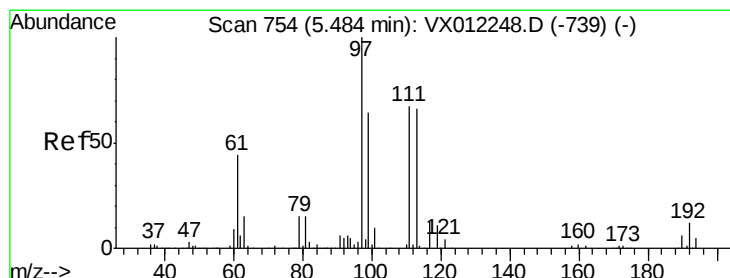
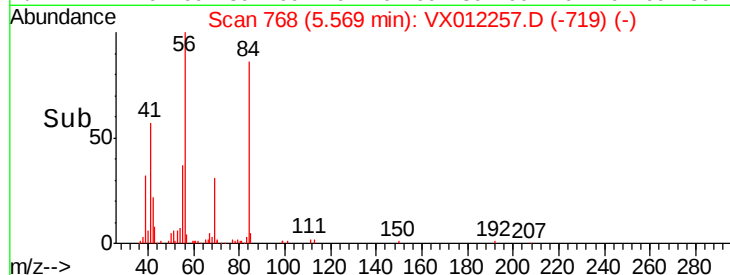
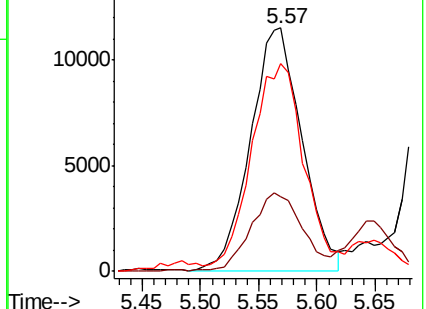
84 82.6 66.6 100.0



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: 19.967 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012257.D

Acq: 10 Sep 2019 15:58

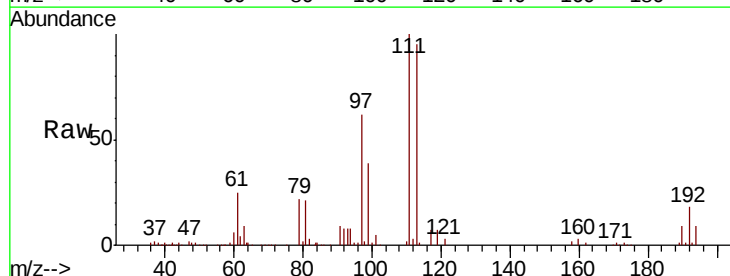
Tgt Ion: 97 Resp: 48929

Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

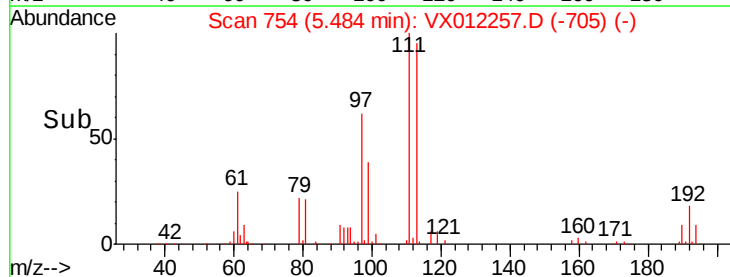
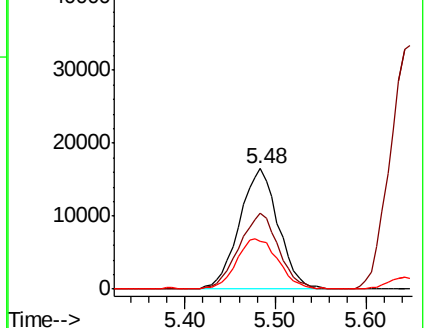
61 44.0 35.4 53.0

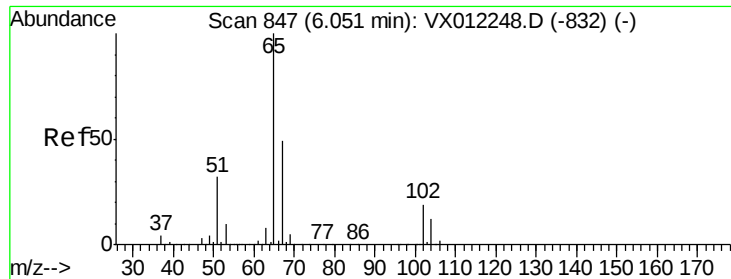


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

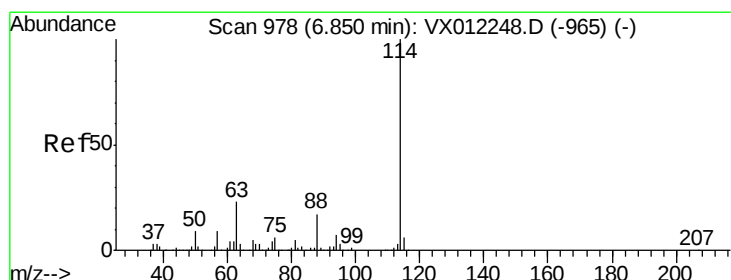
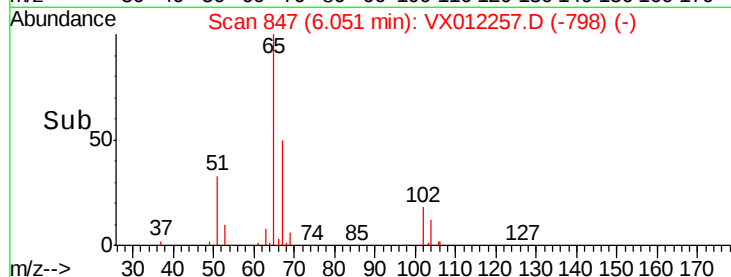
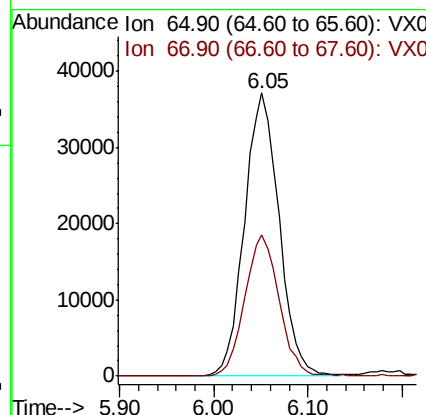
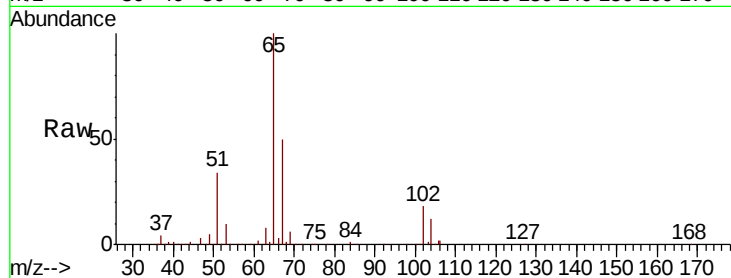




#33
 1,2-Dichloroethane-d4
 Concen: 50.183 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

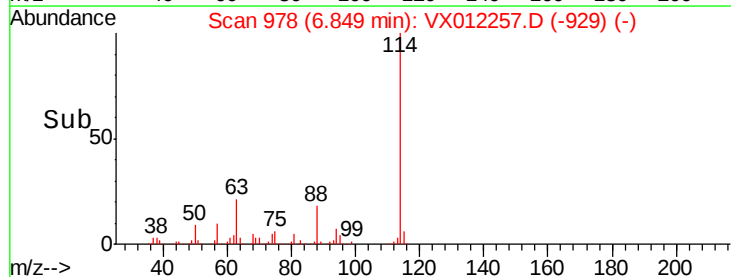
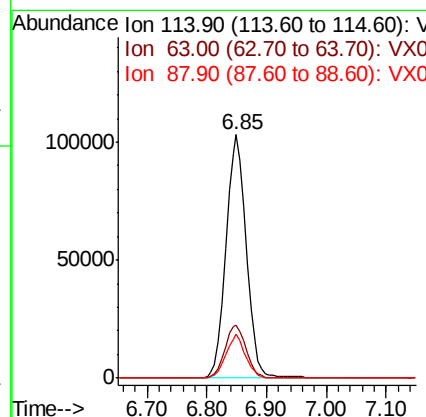
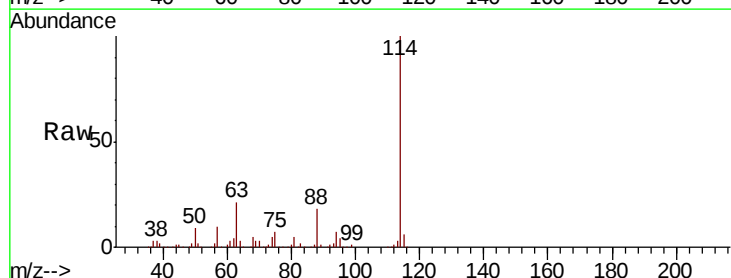
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS02

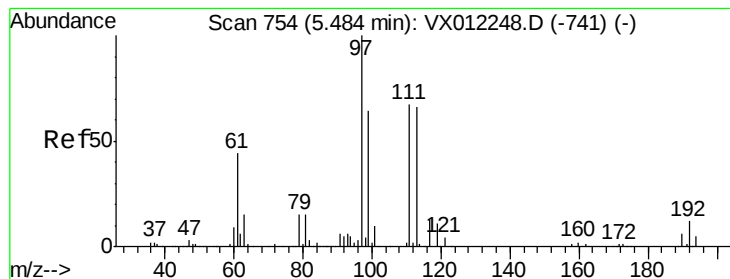
Tgt Ion: 65 Resp: 95010
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

Tgt Ion: 114 Resp: 244834
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 45.2
 88 17.9 0.0 34.8





#35

Dibromofluoromethane

Concen: 46.464 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012257.D

Acq: 10 Sep 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS02

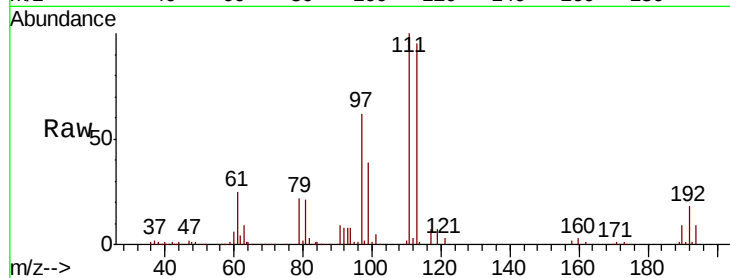
Tgt Ion:113 Resp: 72925

Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.6

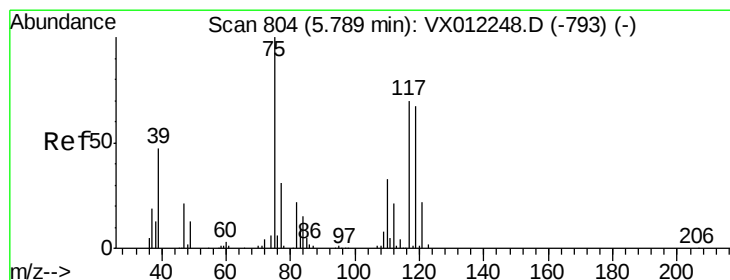
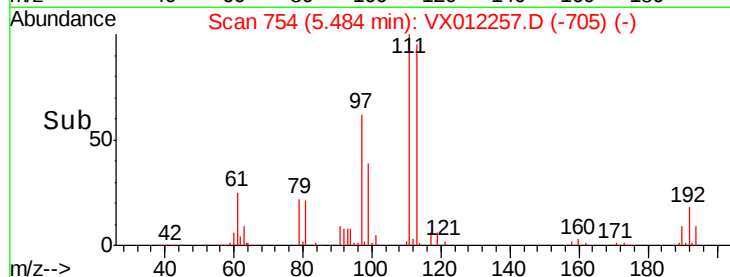
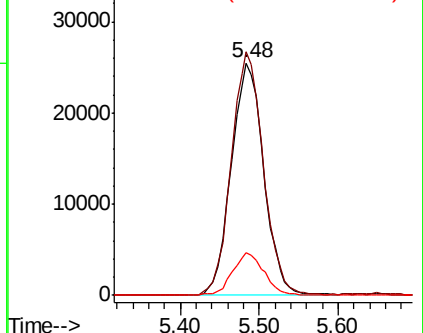
192 17.8 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.413 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012257.D

Acq: 10 Sep 2019 15:58

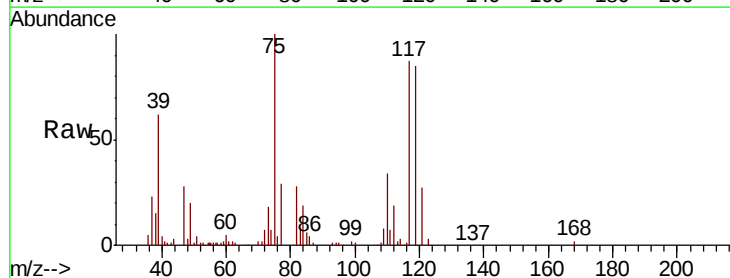
Tgt Ion: 75 Resp: 34657

Ion Ratio Lower Upper

75 100

110 35.8 16.8 50.4

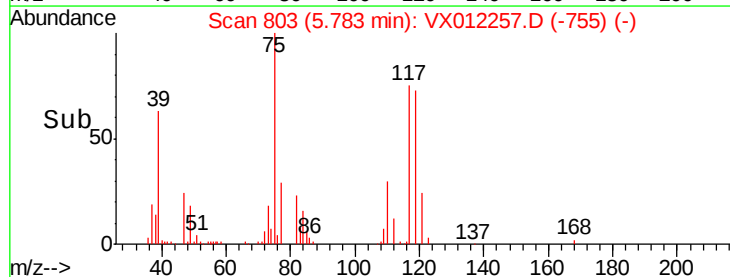
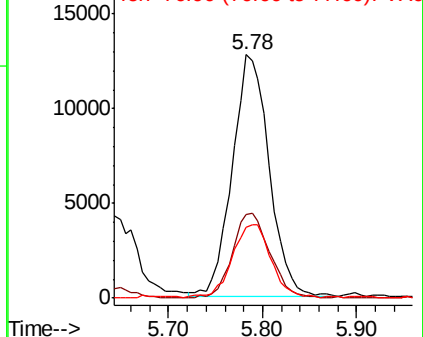
77 32.4 24.5 36.7

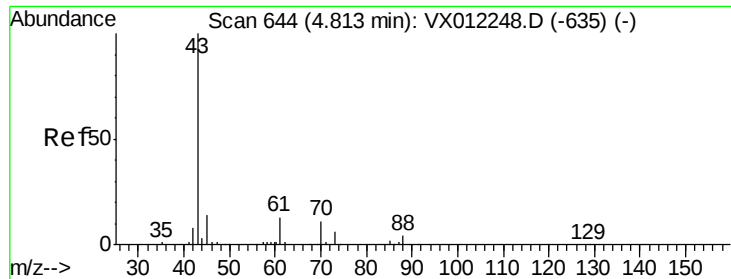


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

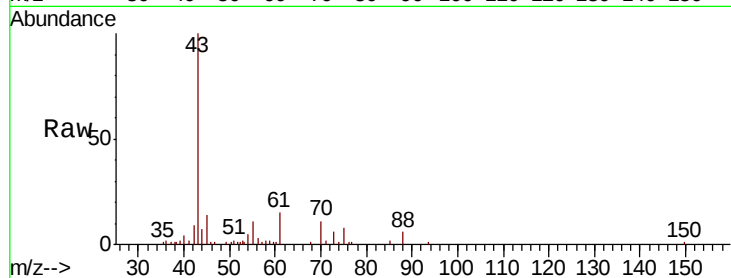




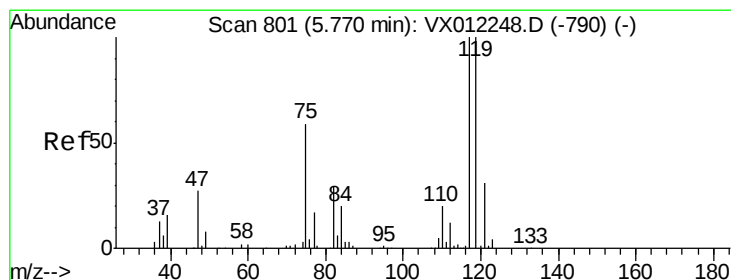
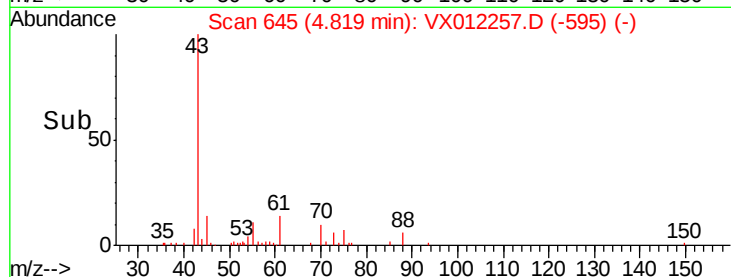
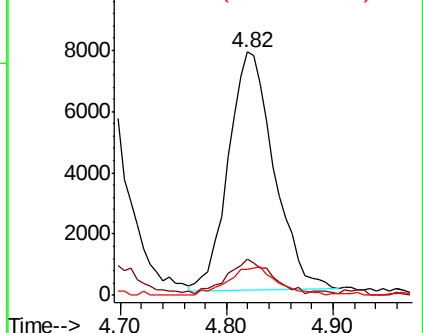
#37
Ethyl Acetate
Concen: 20.994 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012257.D
Acq: 10 Sep 2019 15:58

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS02

Tgt Ion: 43 Resp: 23168
Ion Ratio Lower Upper
43 100
61 13.4 10.3 15.5
70 12.9 9.1 13.7

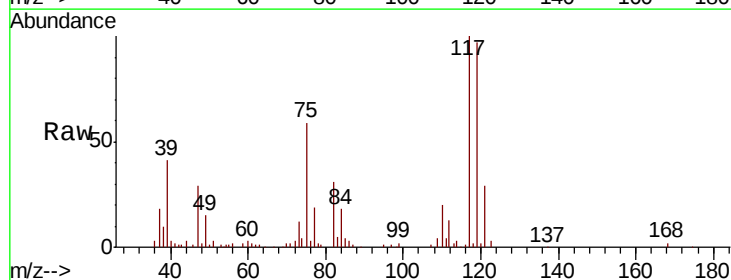


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

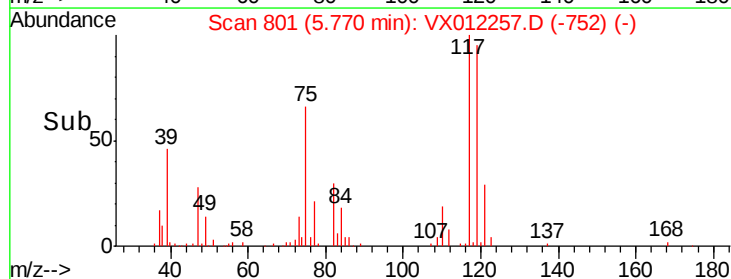
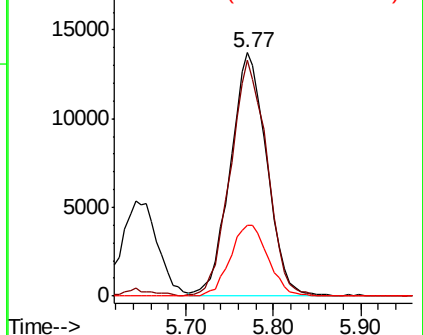


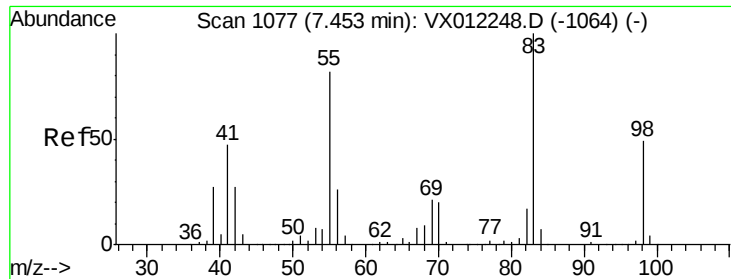
#38
Carbon Tetrachloride
Concen: 18.955 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012257.D
Acq: 10 Sep 2019 15:58

Tgt Ion: 117 Resp: 39702
Ion Ratio Lower Upper
117 100
119 96.9 79.6 119.4
121 29.2 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

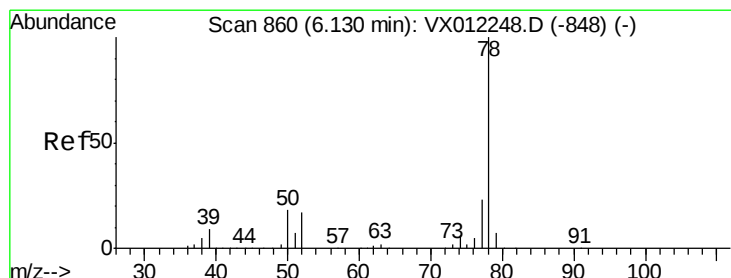
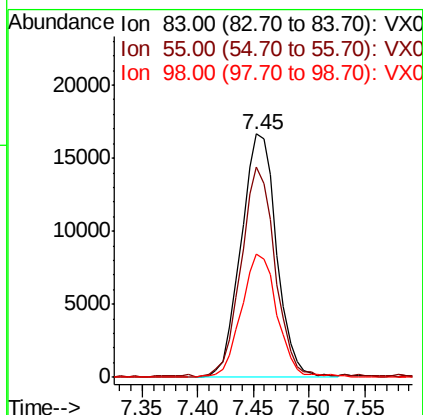
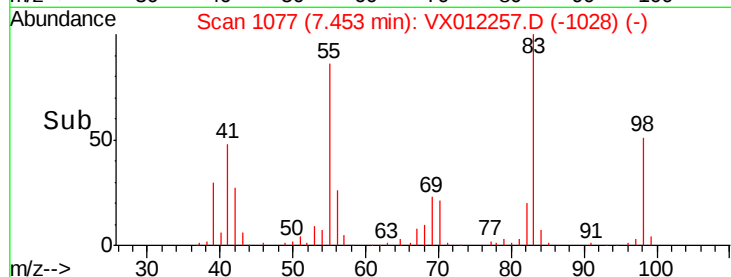
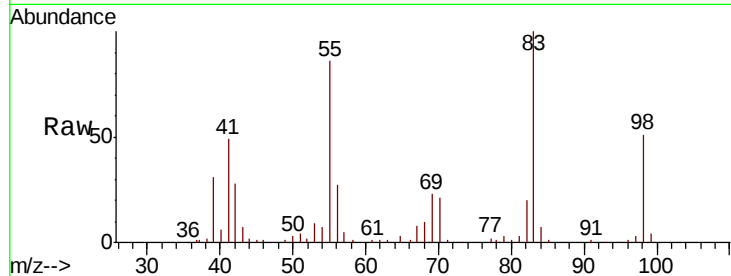




#39
Methylcyclohexane
Concen: 18.943 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012257.D
Acq: 10 Sep 2019 15:58

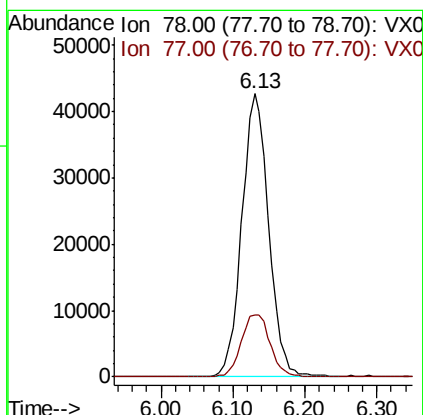
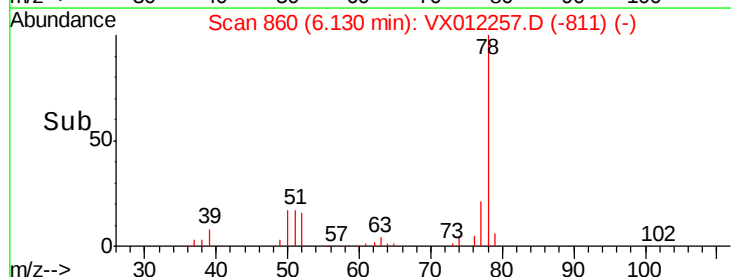
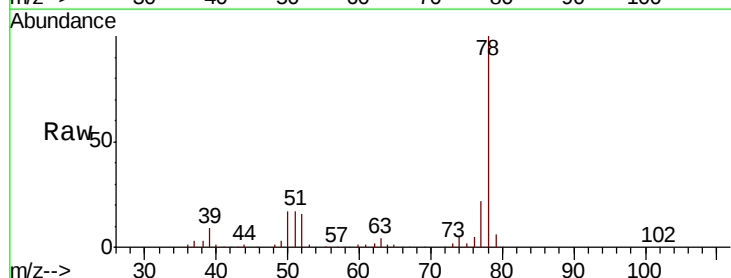
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS02

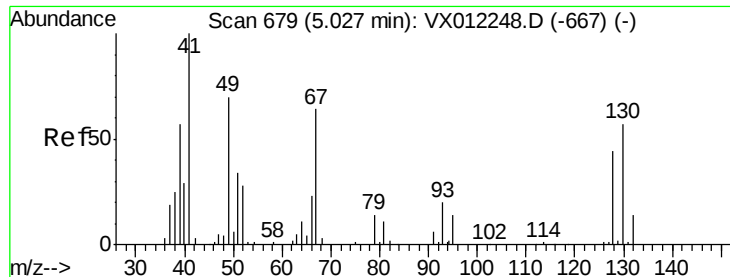
Tgt Ion: 83 Resp: 37112
Ion Ratio Lower Upper
83 100
55 85.7 65.4 98.2
98 50.6 39.6 59.4



#40
Benzene
Concen: 20.365 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012257.D
Acq: 10 Sep 2019 15:58

Tgt Ion: 78 Resp: 110037
Ion Ratio Lower Upper
78 100
77 21.8 18.0 27.0

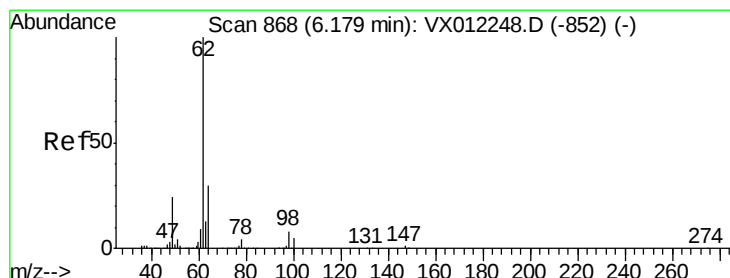
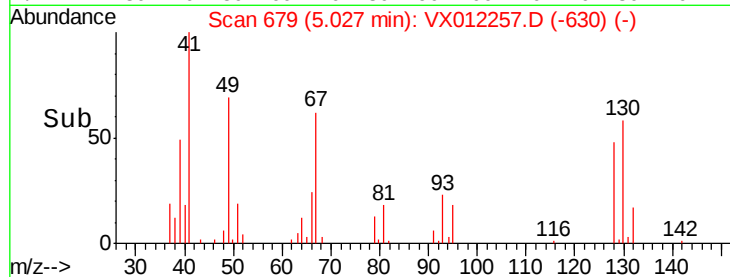
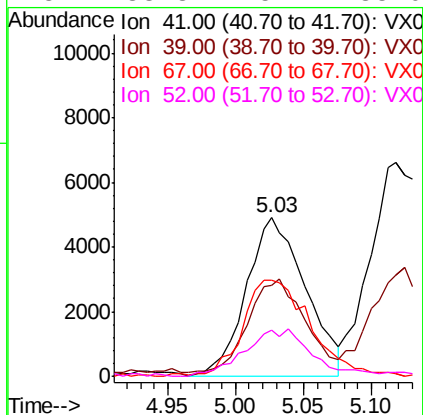
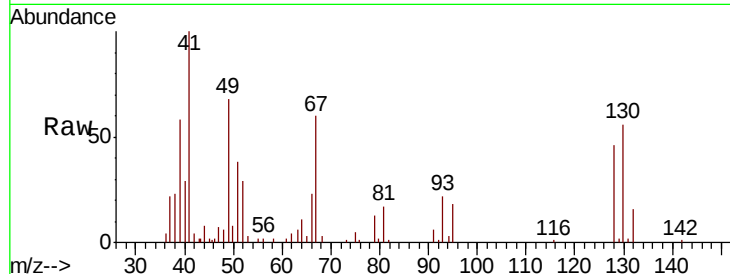




#41
Methacrylonitrile
Concen: 21.961 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012257.D
Acq: 10 Sep 2019 15:58

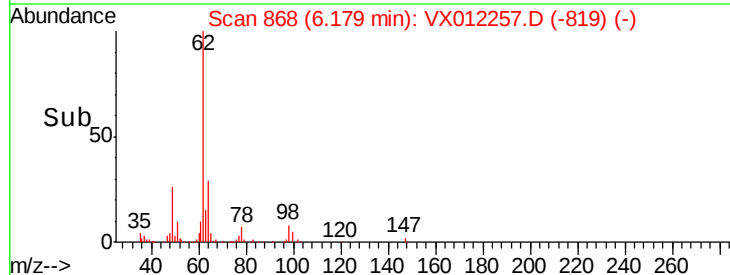
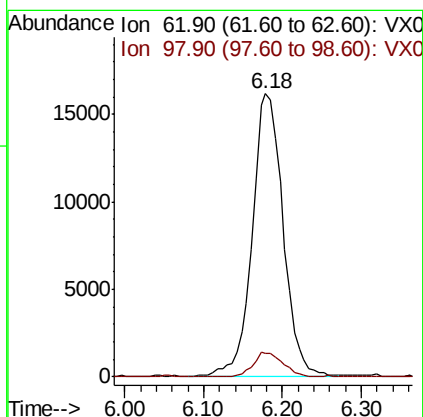
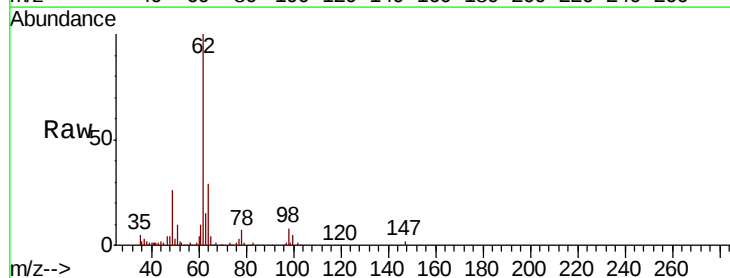
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBSD02

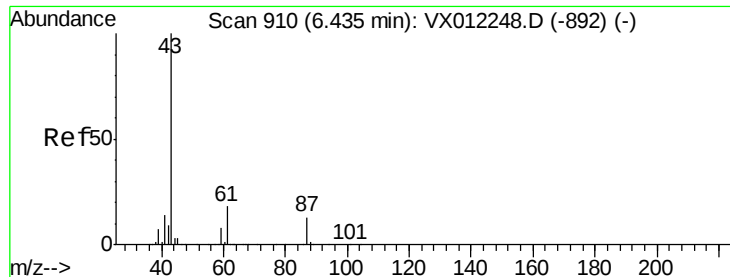
Tgt Ion:	41	Resp:	14941
Ion	Ratio	Lower	Upper
41	100		
39	56.8	49.0	73.4
67	69.1	55.0	82.4
52	33.3	25.4	38.0



#42
1,2-Dichloroethane
Concen: 20.795 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012257.D
Acq: 10 Sep 2019 15:58

Tgt Ion:	62	Resp:	44408
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2





#43

Isopropyl Acetate

Concen: 21.249 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012257.D

Acq: 10 Sep 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS02

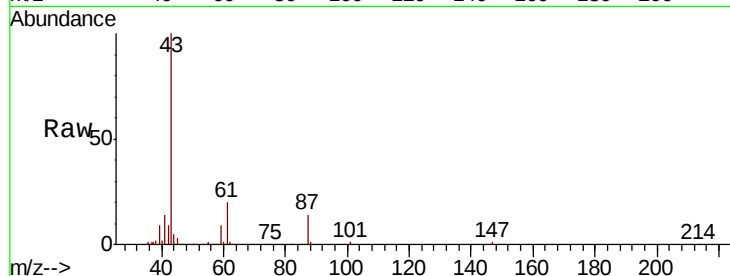
Tgt Ion: 43 Resp: 49439

Ion Ratio Lower Upper

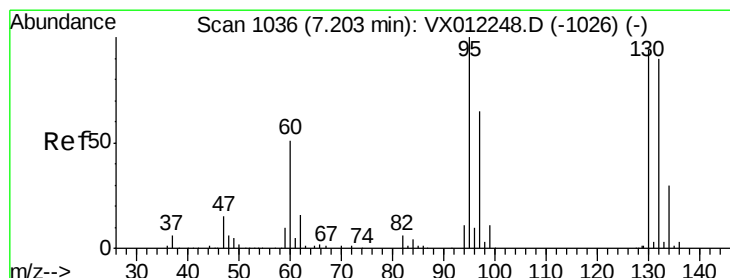
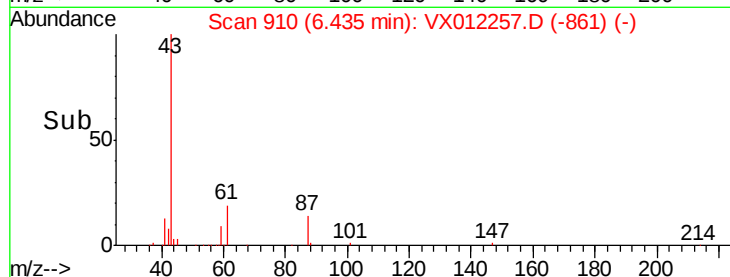
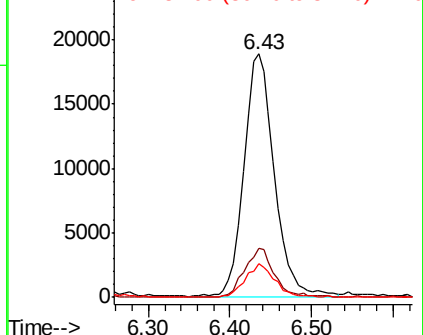
43 100

61 19.4 15.4 23.2

87 13.5 10.5 15.7



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



#44

Trichloroethene

Concen: 19.684 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012257.D

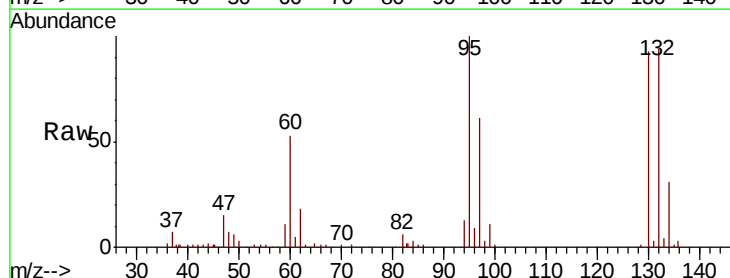
Acq: 10 Sep 2019 15:58

Tgt Ion: 130 Resp: 28783

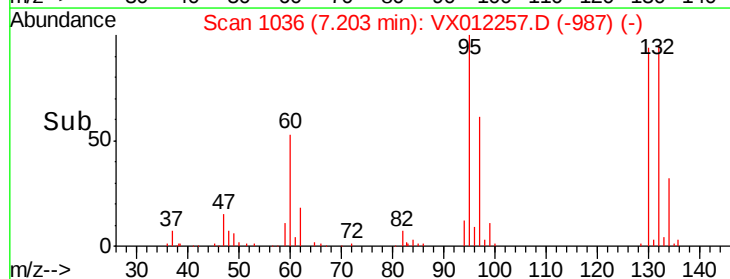
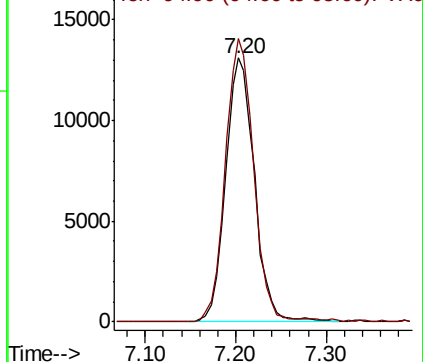
Ion Ratio Lower Upper

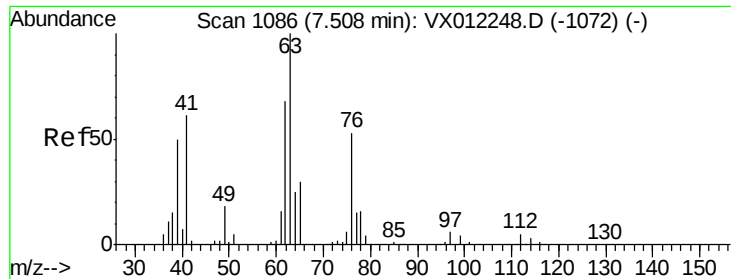
130 100

95 107.4 0.0 212.0



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

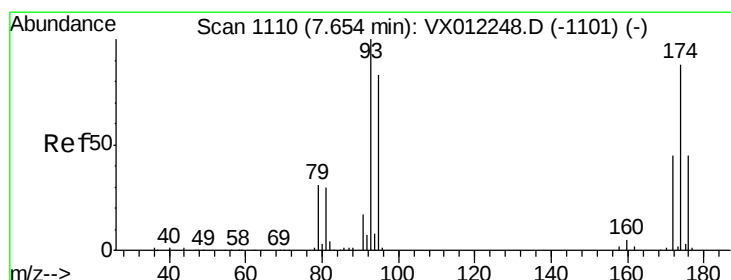
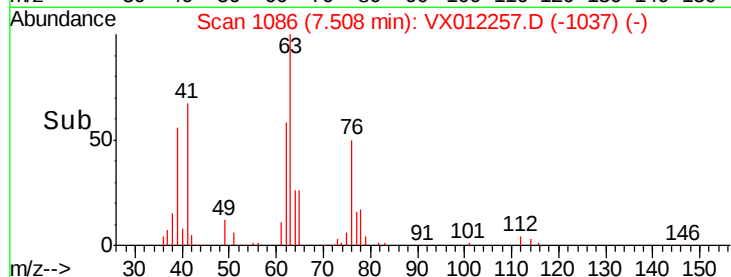
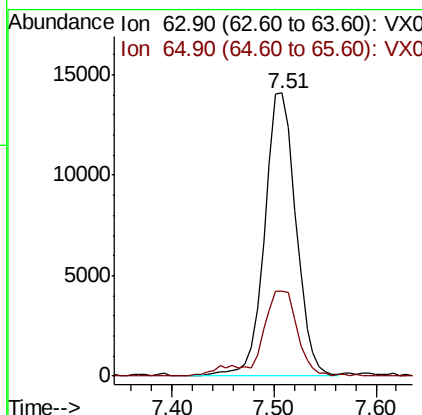
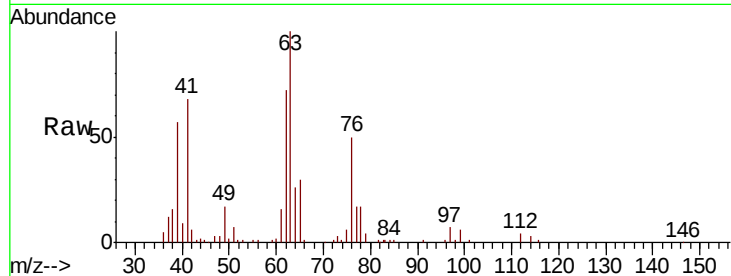




#45
 1,2-Dichloropropane
 Concen: 20.150 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

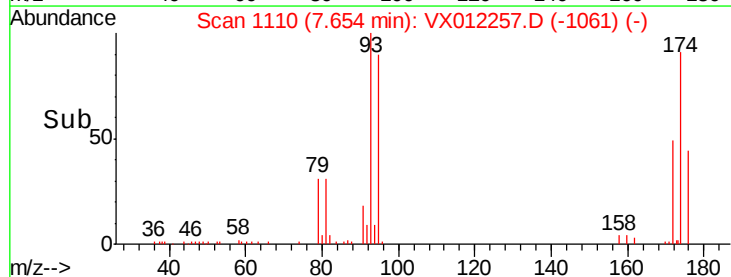
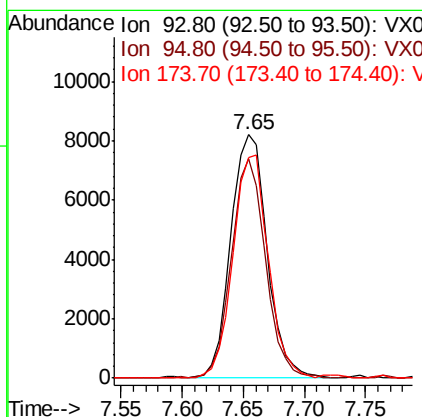
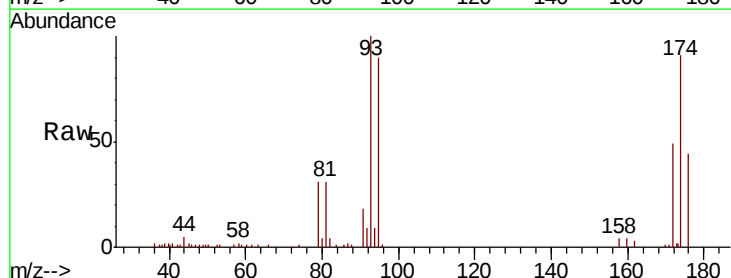
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS02

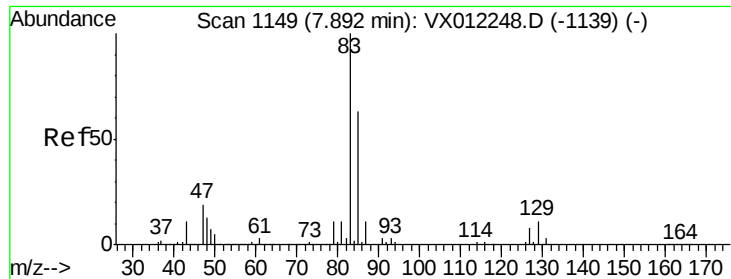
Tgt Ion: 63 Resp: 30136
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.3 36.5



#46
 Dibromomethane
 Concen: 20.642 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

Tgt Ion: 93 Resp: 16873
 Ion Ratio Lower Upper
 93 100
 95 84.8 65.7 98.5
 174 89.0 71.0 106.4

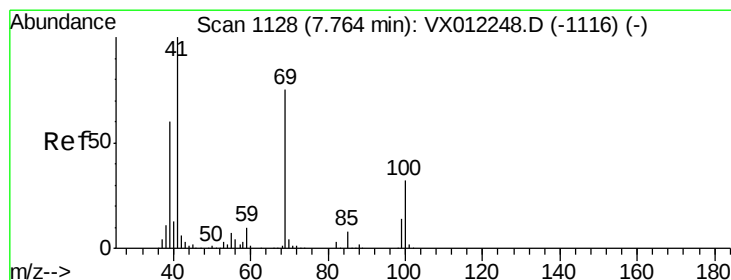
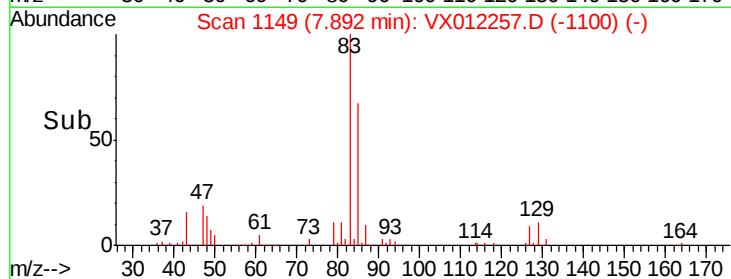
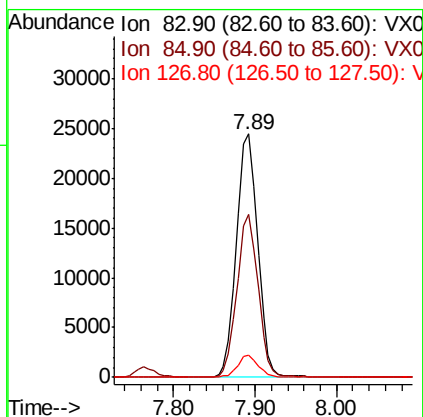
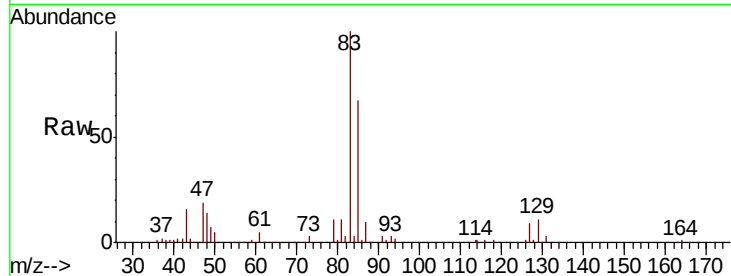




#47
Bromodichloromethane
Concen: 19.787 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX012257.D
Acq: 10 Sep 2019 15:58

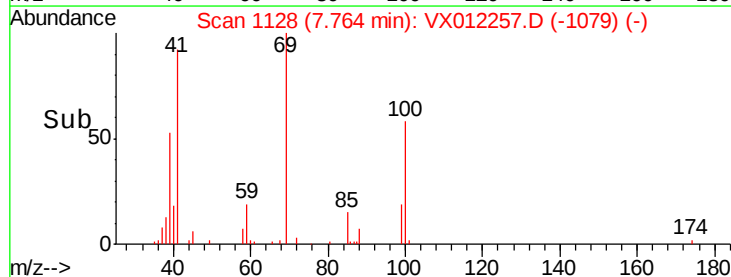
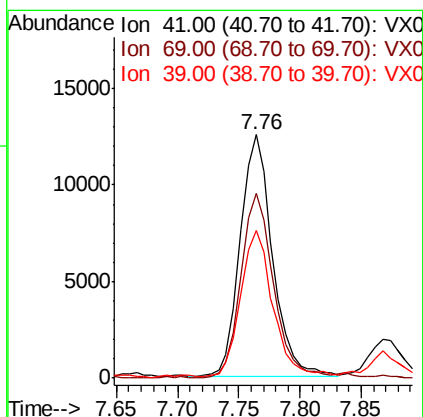
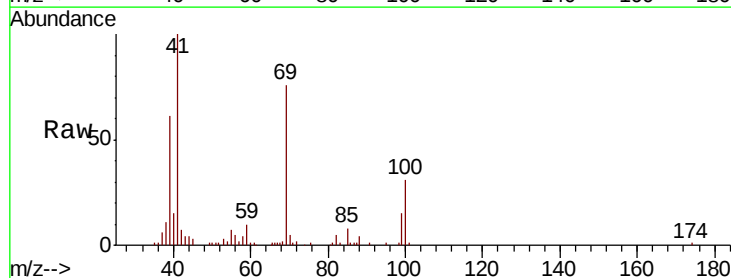
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS02

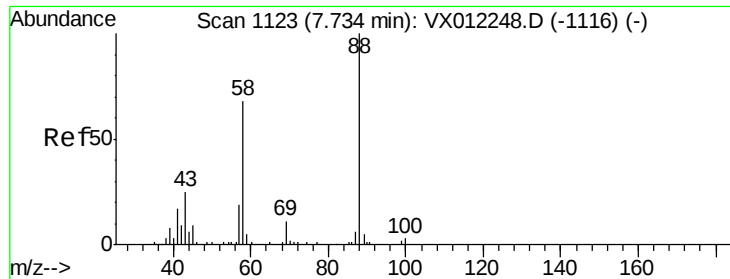
Tgt Ion: 83 Resp: 44137
Ion Ratio Lower Upper
83 100
85 67.1 50.2 75.4
127 8.9 6.3 9.5



#48
Methyl methacrylate
Concen: 20.637 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX012257.D
Acq: 10 Sep 2019 15:58

Tgt Ion: 41 Resp: 22983
Ion Ratio Lower Upper
41 100
69 77.2 61.8 92.6
39 61.5 48.6 73.0

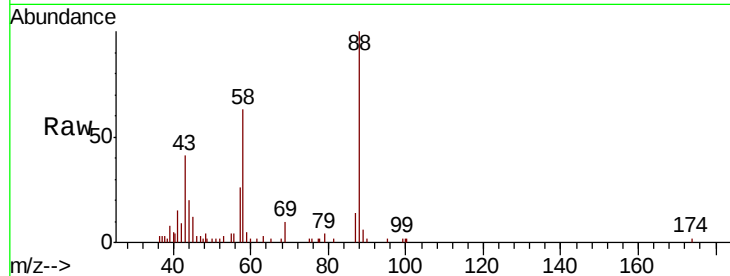




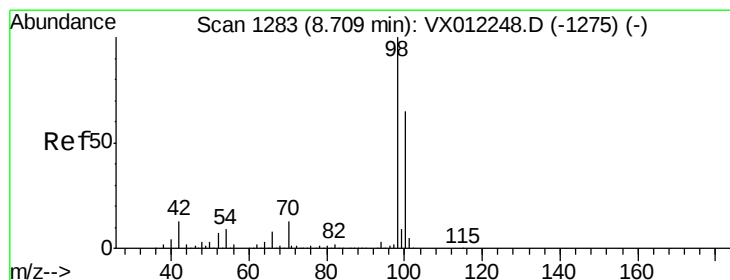
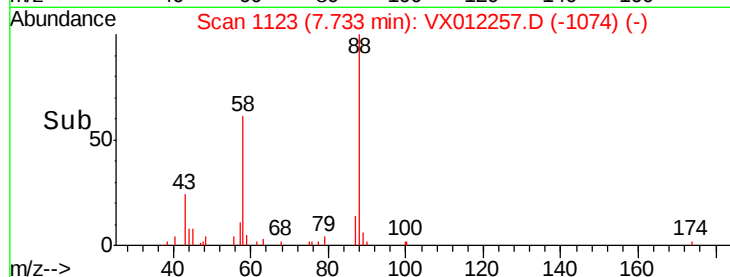
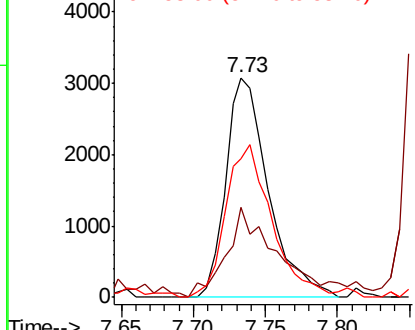
#49
1,4-Dioxane
Concen: 422.417 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012257.D
Acq: 10 Sep 2019 15:58

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBSD02

Tgt Ion: 88 Resp: 6348
Ion Ratio Lower Upper
88 100
43 52.9 31.0 46.4#
58 75.2 61.5 92.3

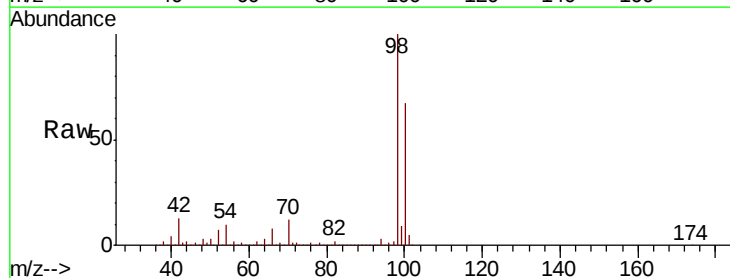


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

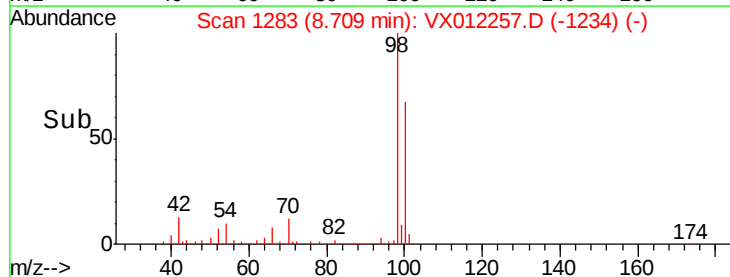
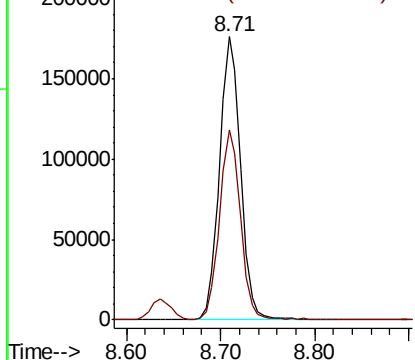


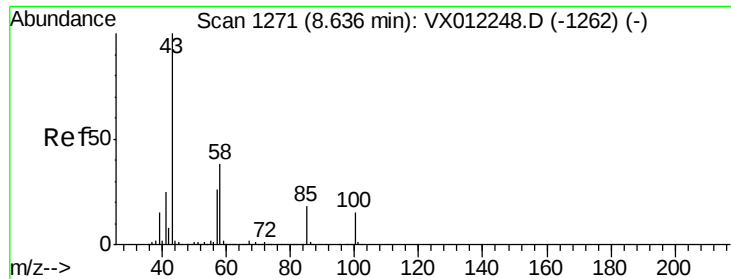
#50
Toluene-d8
Concen: 49.706 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012257.D
Acq: 10 Sep 2019 15:58

Tgt Ion: 98 Resp: 273620
Ion Ratio Lower Upper
98 100
100 66.8 54.1 81.1



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

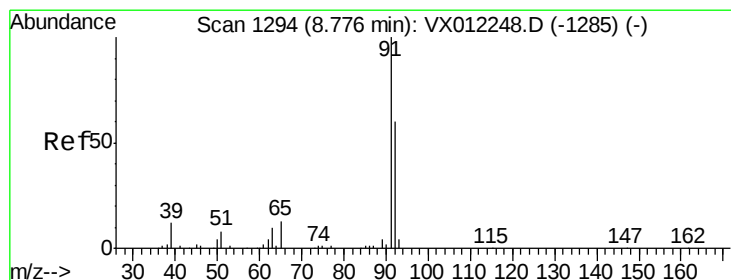
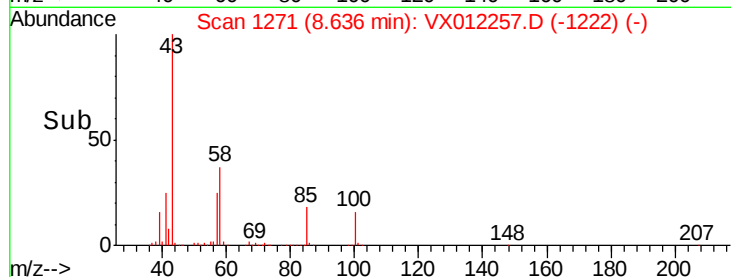
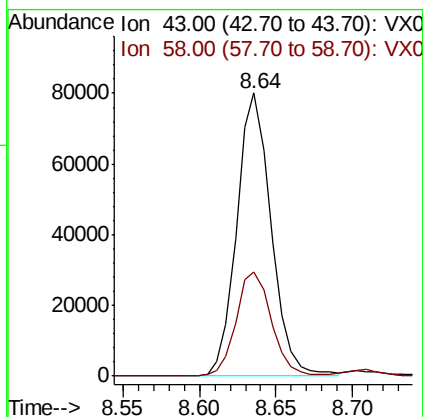
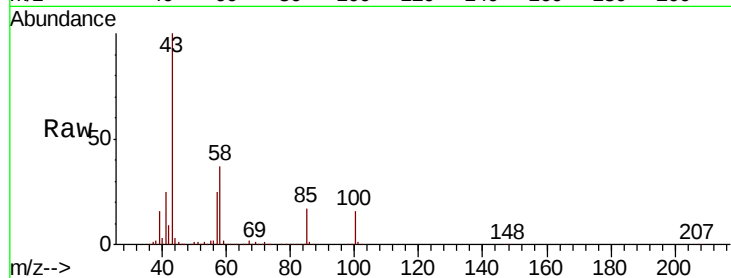




#51
 4-Methyl-2-Pentanone
 Concen: 101.488 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

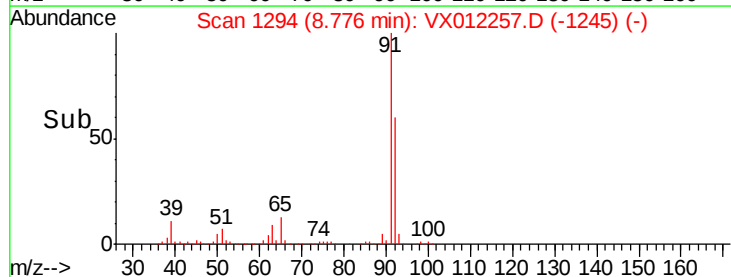
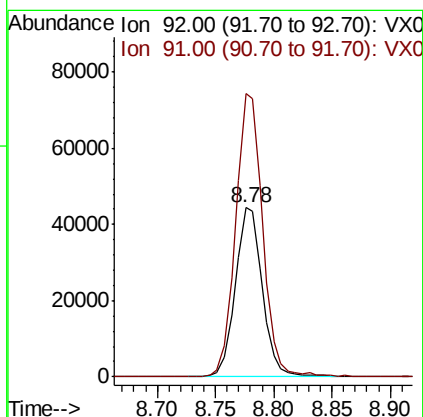
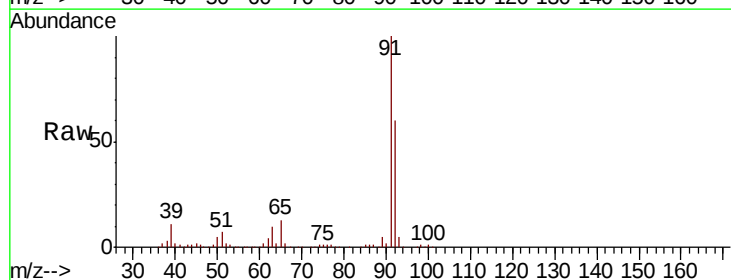
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS02

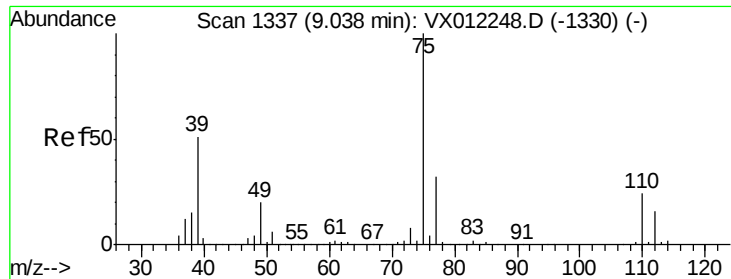
Tgt Ion: 43 Resp: 124623
 Ion Ratio Lower Upper
 43 100
 58 37.9 30.1 45.1



#52
 Toluene
 Concen: 20.149 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

Tgt Ion: 92 Resp: 71910
 Ion Ratio Lower Upper
 92 100
 91 168.3 133.6 200.4

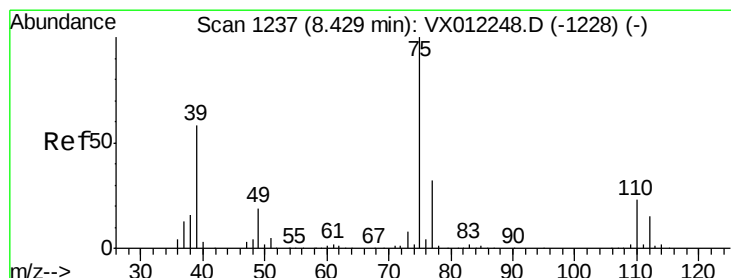
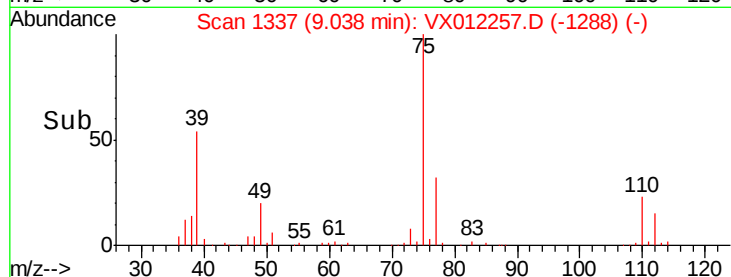
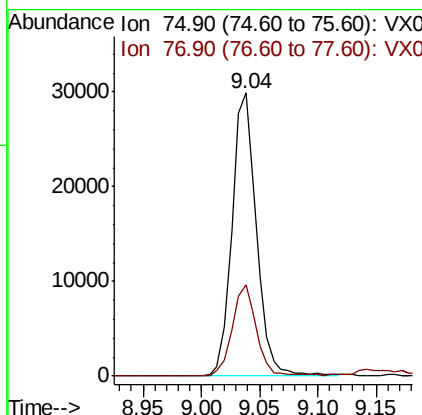
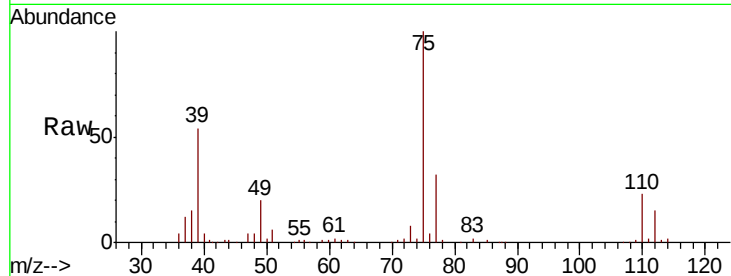




#53
 t-1,3-Dichloropropene
 Concen: 19.668 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

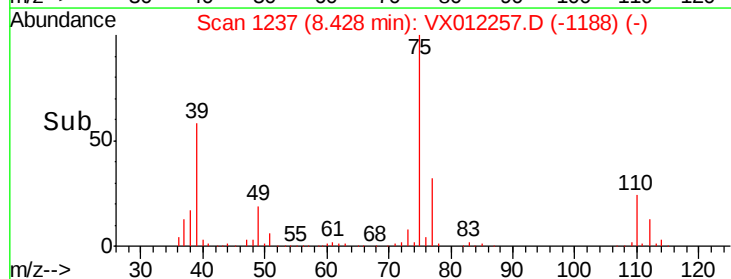
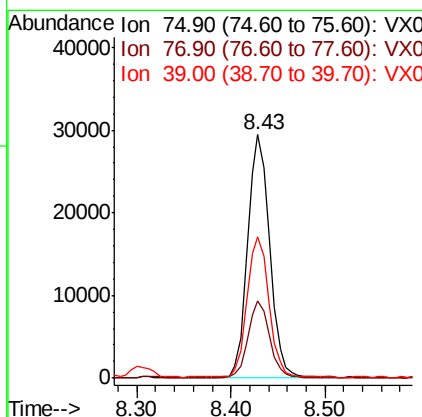
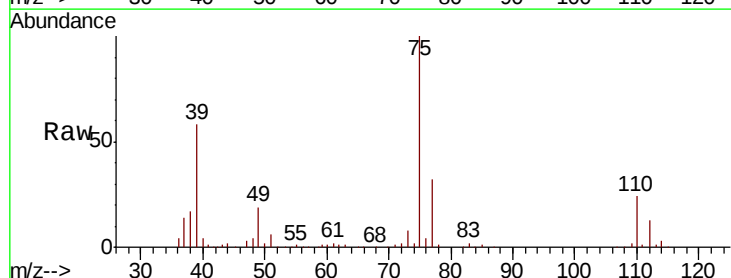
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS02

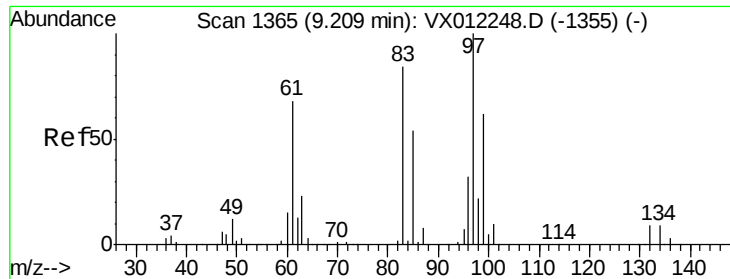
Tgt Ion: 75 Resp: 43789
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.746 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

Tgt Ion: 75 Resp: 48750
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.2
 39 57.8 46.5 69.7

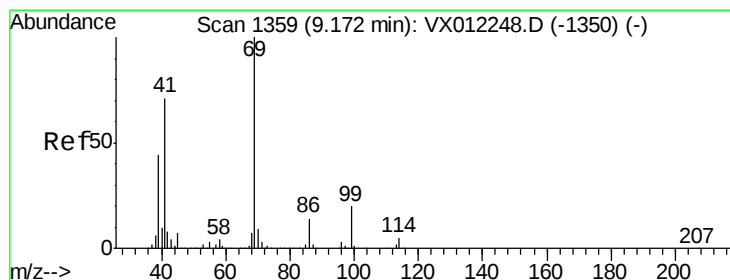
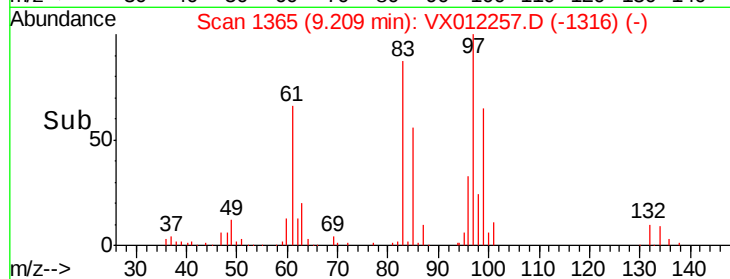
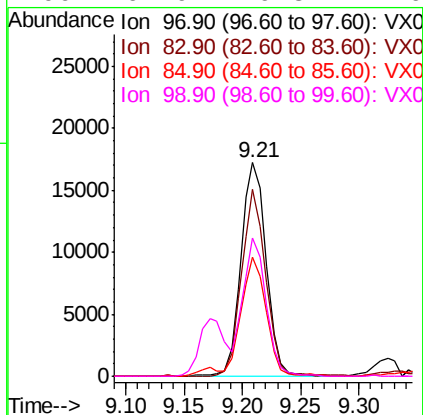
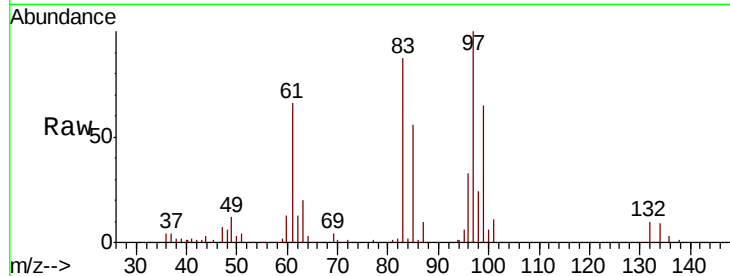




#55
 1,1,2-Trichloroethane
 Concen: 20.593 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

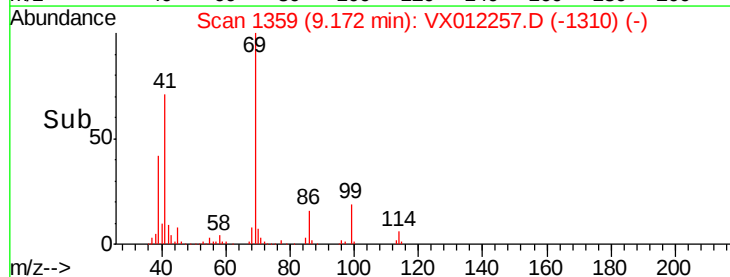
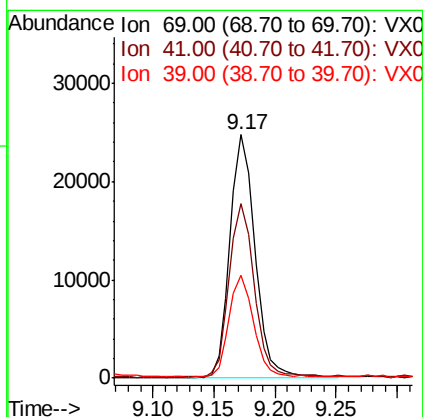
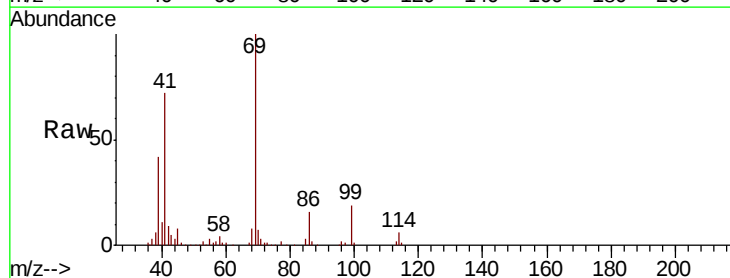
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS02

Tgt Ion:	97	Resp:	26078
Ion	Ratio	Lower	Upper
97	100		
83	87.5	67.4	101.2
85	55.9	43.4	65.2
99	64.9	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 20.682 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

Tgt Ion:	69	Resp:	35462
Ion	Ratio	Lower	Upper
69	100		
41	71.4	57.7	86.5
39	41.5	34.0	51.0





#57

1,3-Dichloropropane

Concen: 20.794 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012257.D

Acq: 10 Sep 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

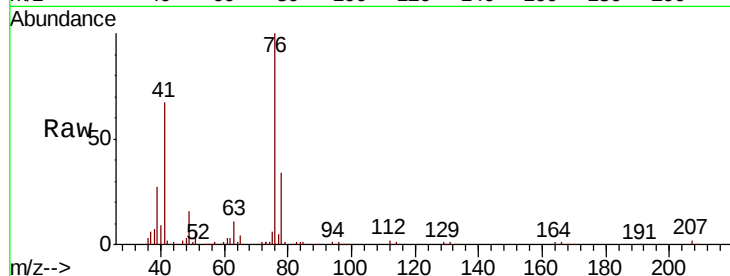
VX0910SBS02

Tgt Ion: 76 Resp: 44974

Ion Ratio Lower Upper

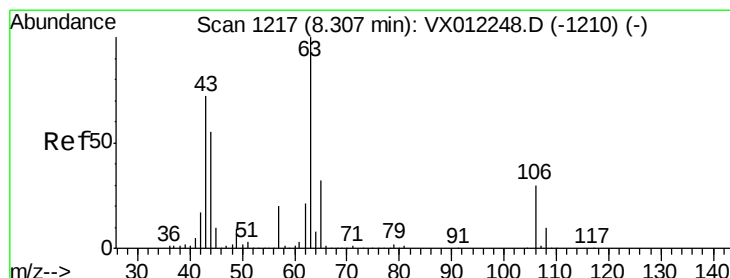
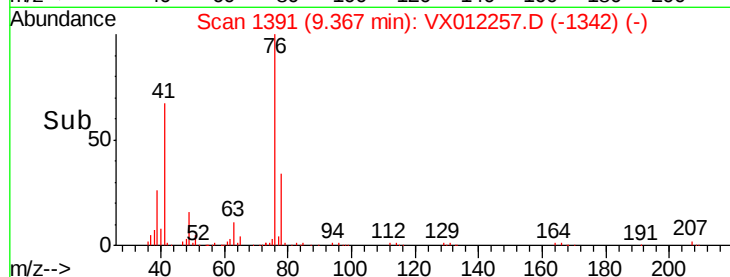
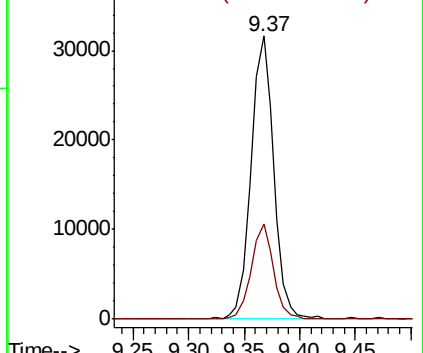
76 100

78 32.9 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 101.327 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012257.D

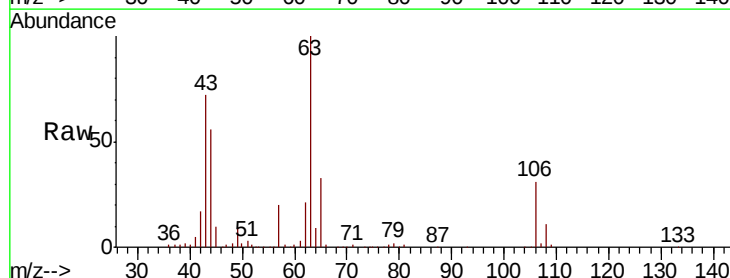
Acq: 10 Sep 2019 15:58

Tgt Ion: 63 Resp: 89045

Ion Ratio Lower Upper

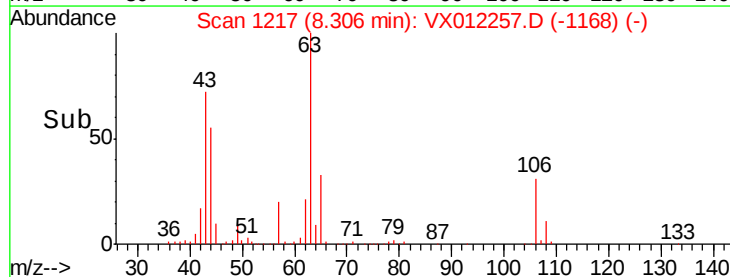
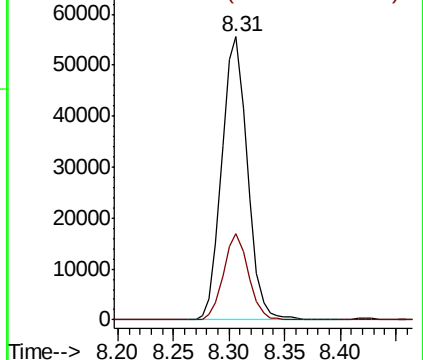
63 100

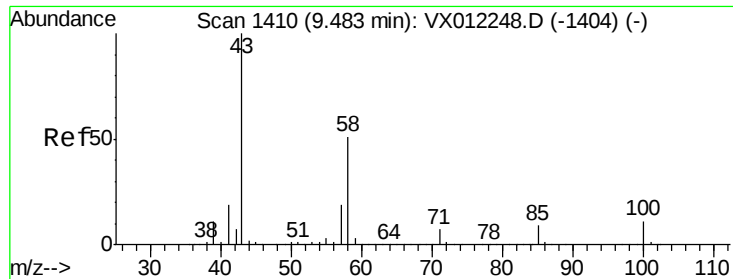
106 29.9 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

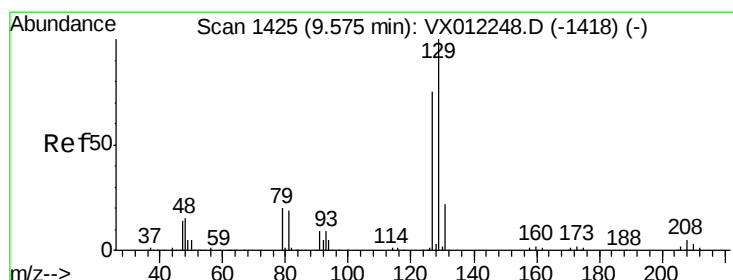
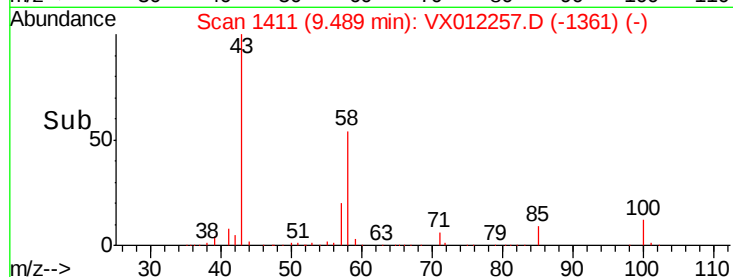
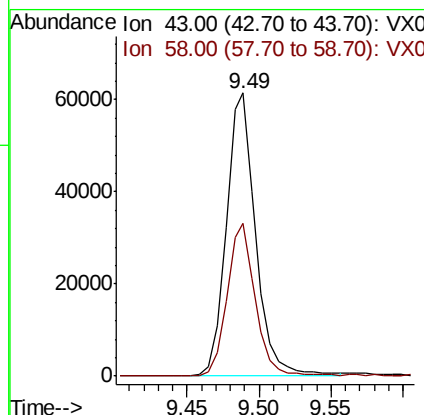
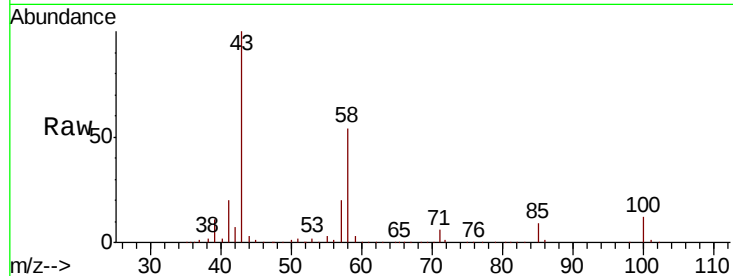




#59
 2-Hexanone
 Concen: 102.776 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

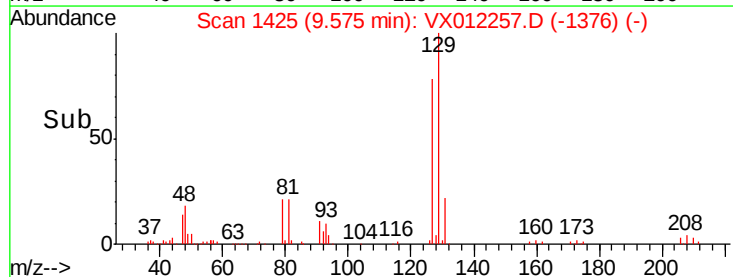
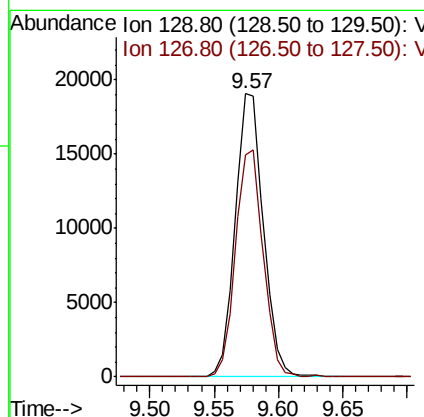
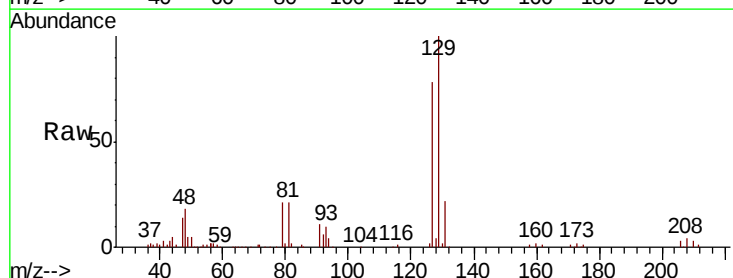
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBSD02

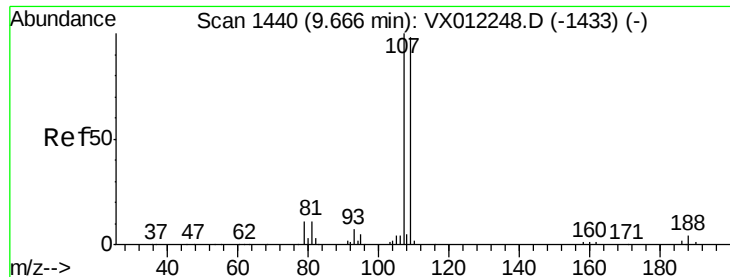
Tgt Ion: 43 Resp: 87751
 Ion Ratio Lower Upper
 43 100
 58 51.9 25.8 77.3



#60
 Dibromochloromethane
 Concen: 19.608 ug/l
 RT: 9.57 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

Tgt Ion: 129 Resp: 28988
 Ion Ratio Lower Upper
 129 100
 127 79.0 38.1 114.3

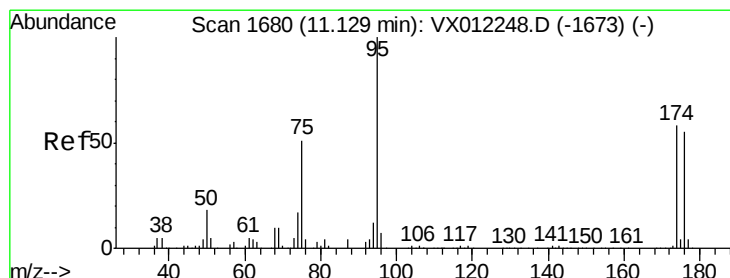
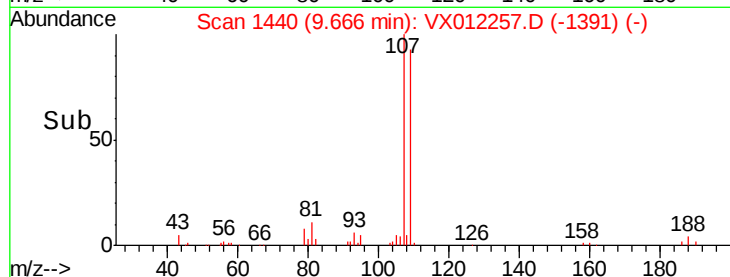
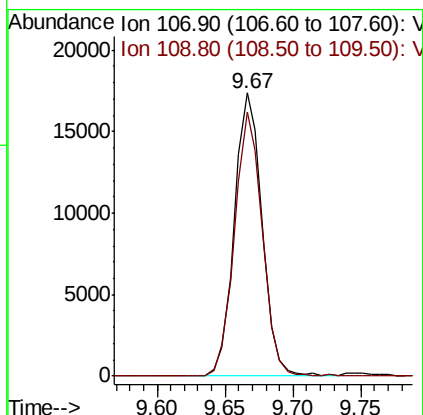
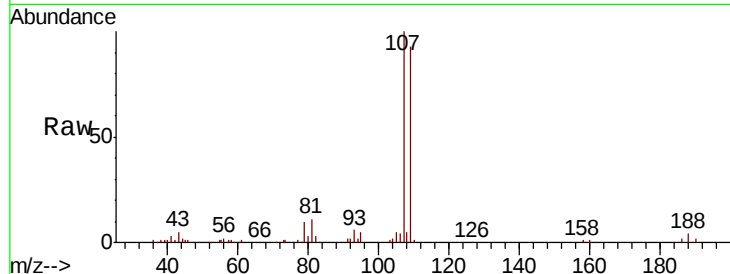




#61
 1,2-Dibromoethane
 Concen: 20.960 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

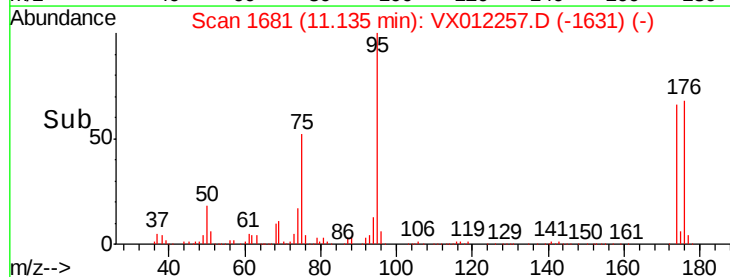
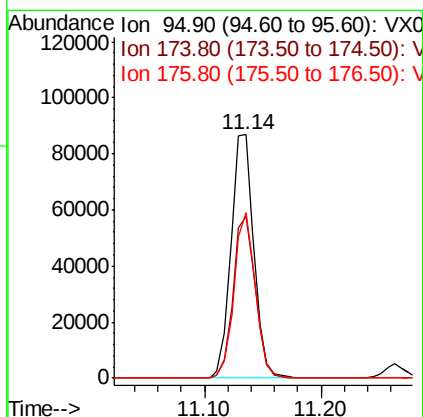
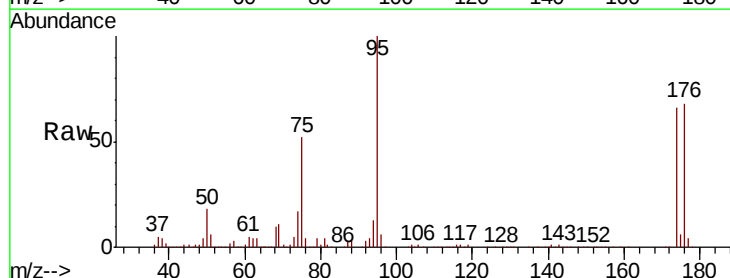
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS02

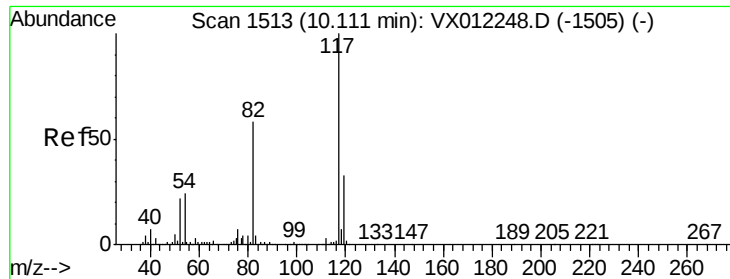
Tgt Ion: 107 Resp: 24707
 Ion Ratio Lower Upper
 107 100
 109 92.6 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 46.537 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

Tgt Ion: 95 Resp: 118764
 Ion Ratio Lower Upper
 95 100
 174 64.8 0.0 127.0
 176 63.2 0.0 125.8

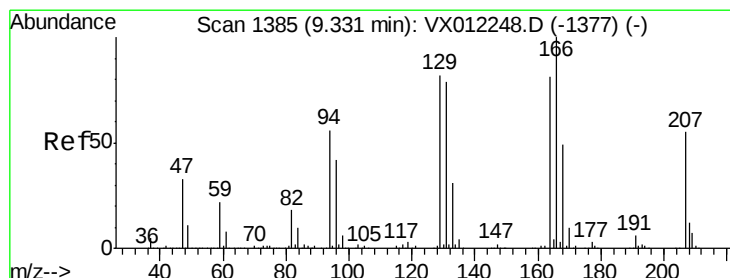
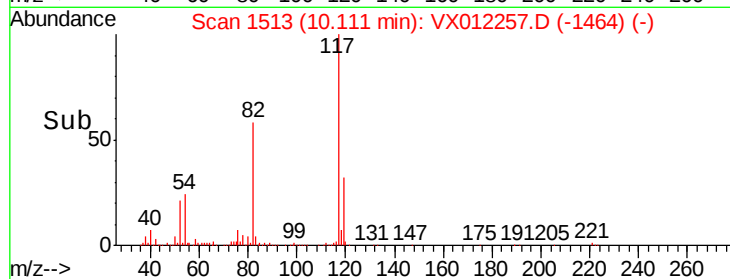
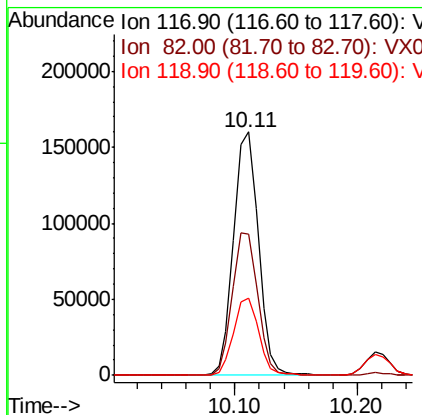
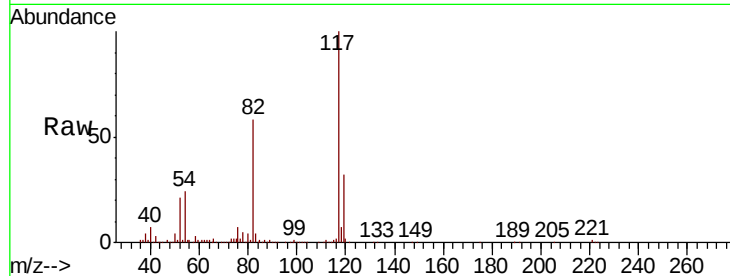




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012257.D
Acq: 10 Sep 2019 15:58

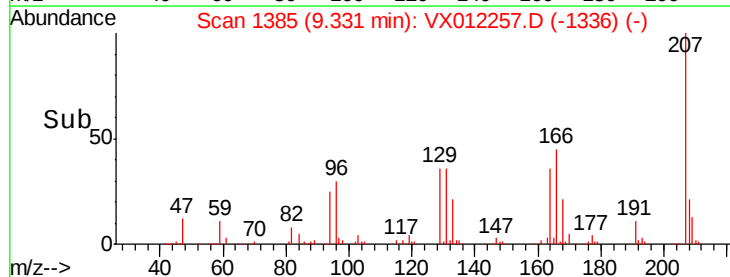
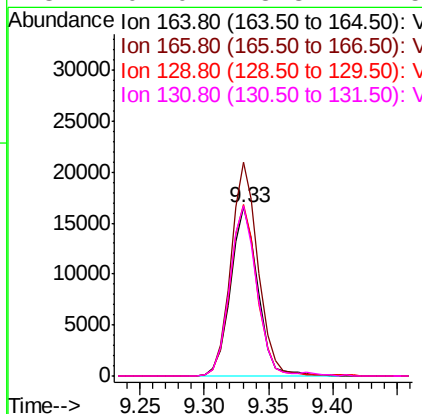
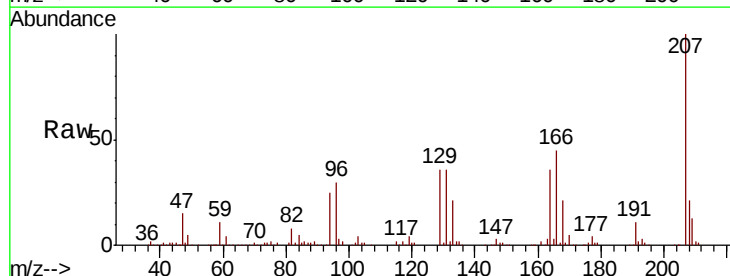
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBSD02

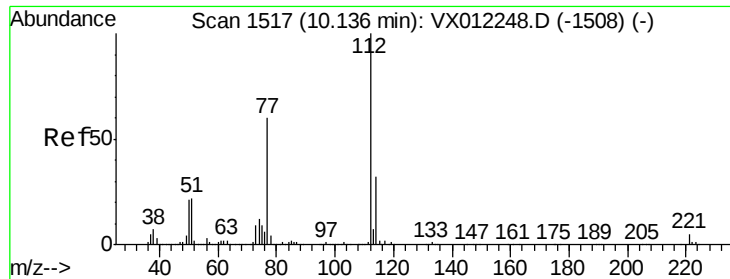
Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.2	46.4	69.6
119	31.8	26.6	39.8



#64
Tetrachloroethene
Concen: 20.331 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012257.D
Acq: 10 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	99.4	149.0
129	101.9	81.8	122.8
131	101.0	78.3	117.5

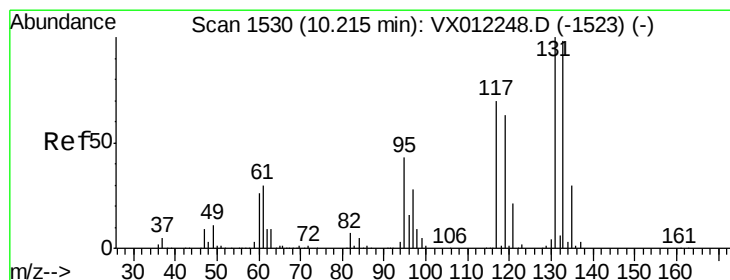
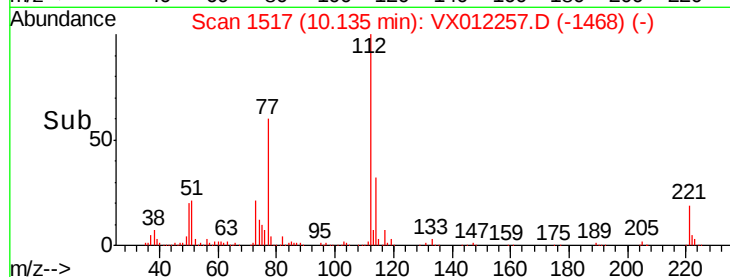
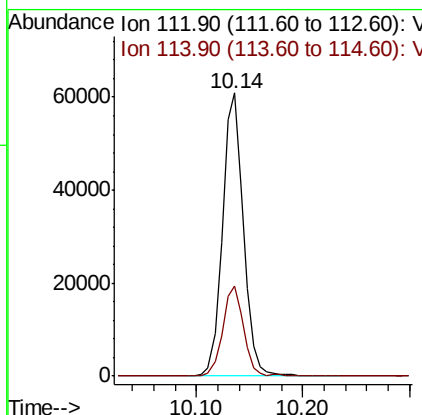
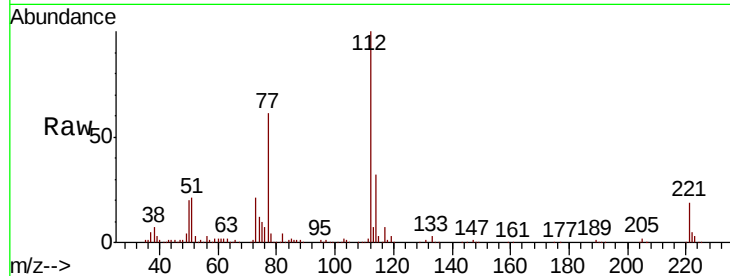




#65
Chlorobenzene
Concen: 20.278 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012257.D
Acq: 10 Sep 2019 15:58

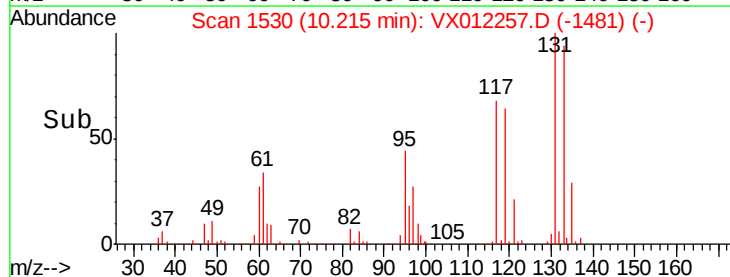
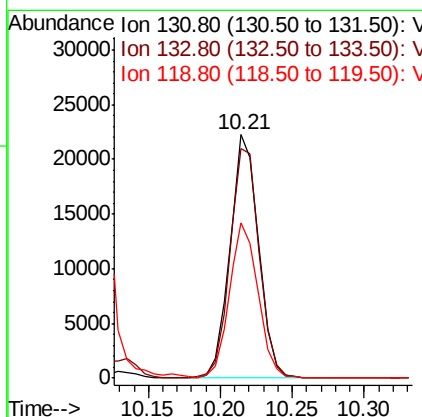
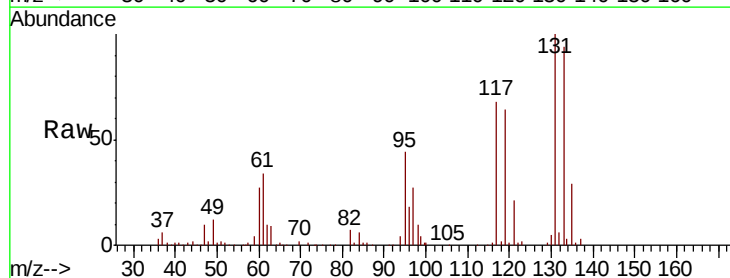
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS02

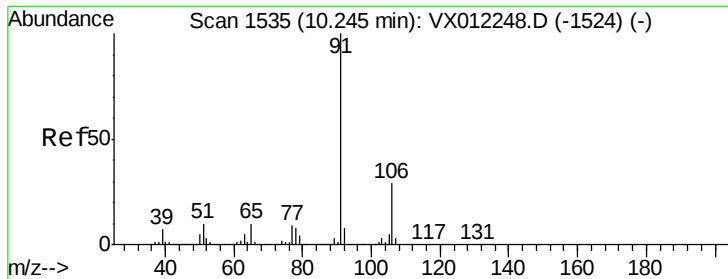
Tgt Ion:112 Resp: 83500
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.893 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012257.D
Acq: 10 Sep 2019 15:58

Tgt Ion:131 Resp: 30879
Ion Ratio Lower Upper
131 100
133 96.9 48.0 144.2
119 63.9 31.6 95.0

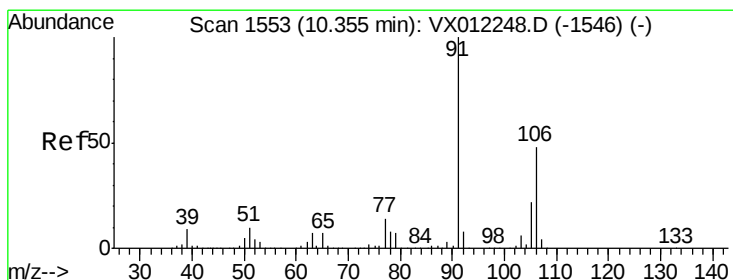
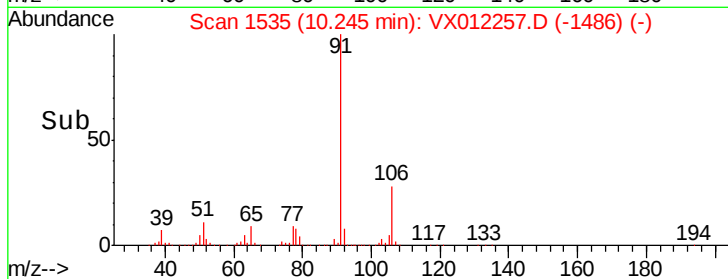
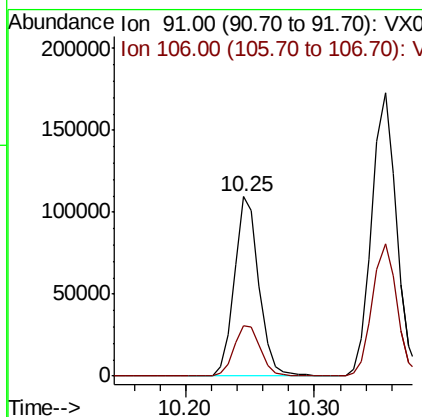
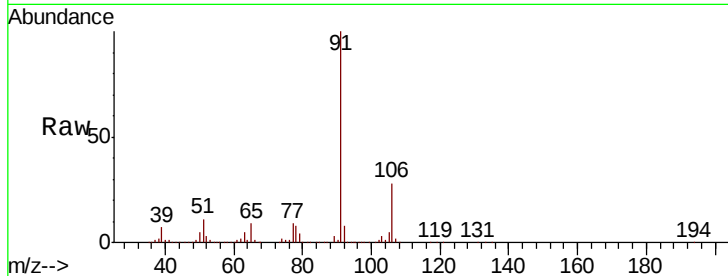




#67
Ethyl Benzene
Concen: 19.929 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012257.D
Acq: 10 Sep 2019 15:58

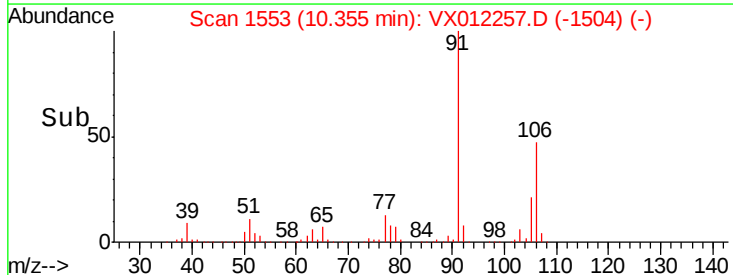
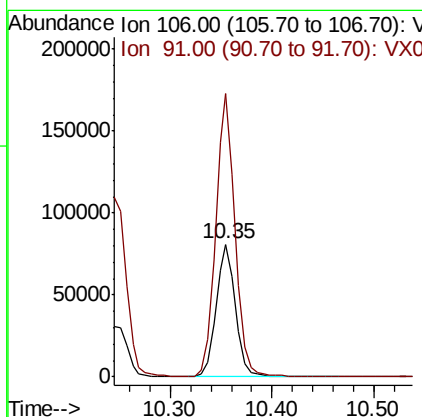
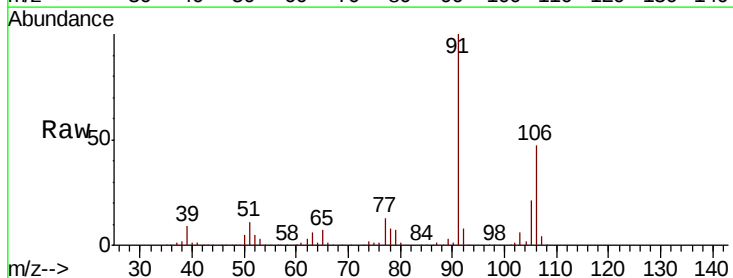
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS02

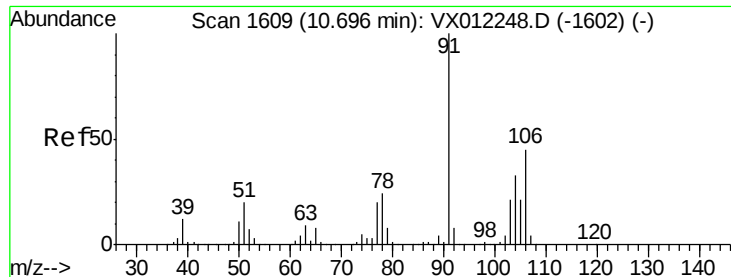
Tgt Ion: 91 Resp: 145953
Ion Ratio Lower Upper
91 100
106 28.4 23.1 34.7



#68
m/p-Xylenes
Concen: 40.099 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012257.D
Acq: 10 Sep 2019 15:58

Tgt Ion: 106 Resp: 108103
Ion Ratio Lower Upper
106 100
91 213.3 167.0 250.6

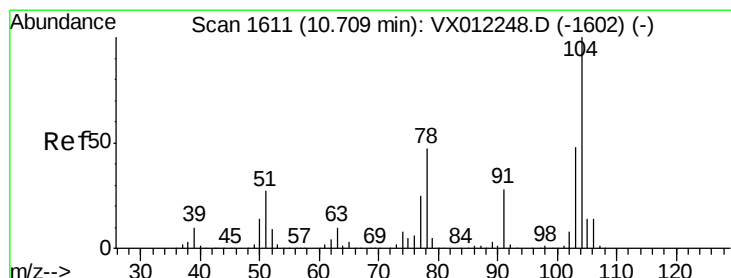
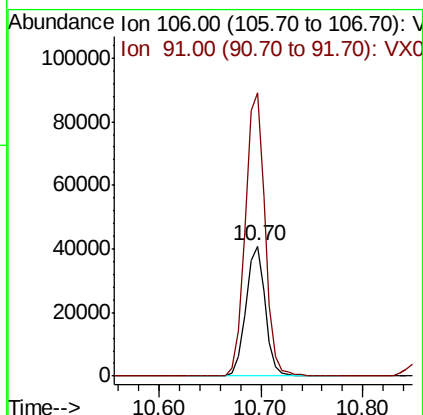
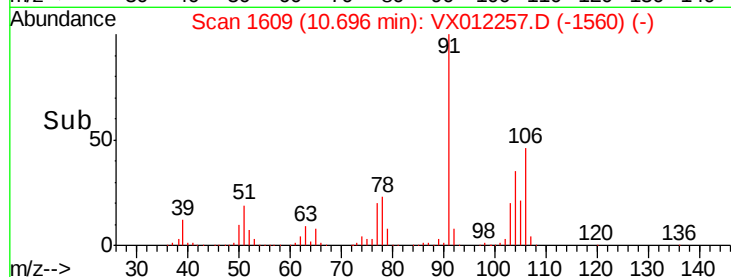
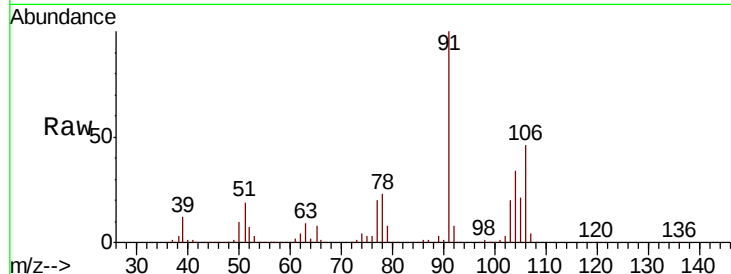




#69
o-Xylene
Concen: 20.301 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012257.D
Acq: 10 Sep 2019 15:58

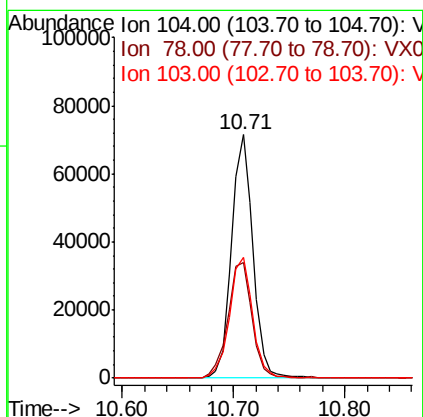
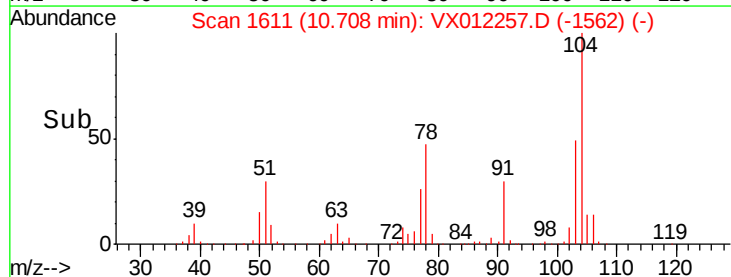
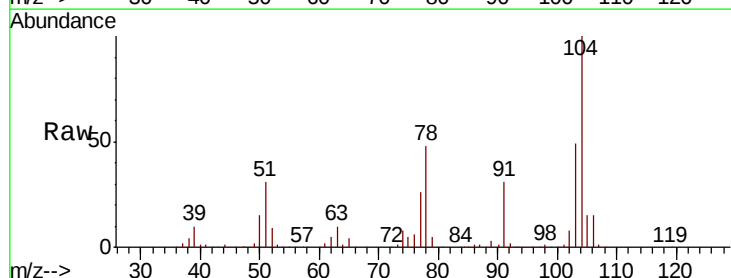
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBSD02

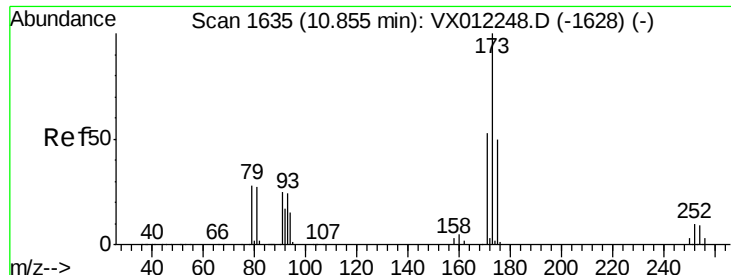
Tgt Ion:106 Resp: 53613
Ion Ratio Lower Upper
106 100
91 221.7 110.5 331.4



#70
Styrene
Concen: 20.265 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012257.D
Acq: 10 Sep 2019 15:58

Tgt Ion:104 Resp: 94916
Ion Ratio Lower Upper
104 100
78 54.2 44.2 66.2
103 53.6 42.5 63.7





#71

Bromoform

Concen: 19.232 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012257.D

Acq: 10 Sep 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS02

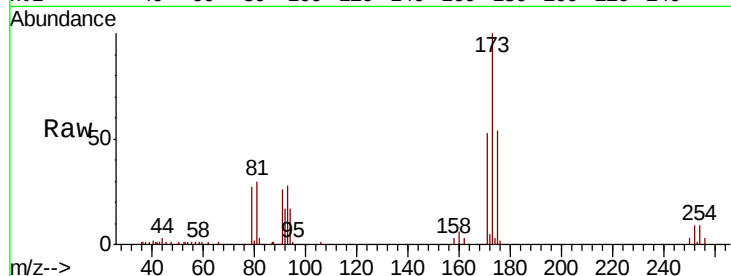
Tgt Ion:173 Resp: 15480

Ion Ratio Lower Upper

173 100

175 52.2 24.5 73.5

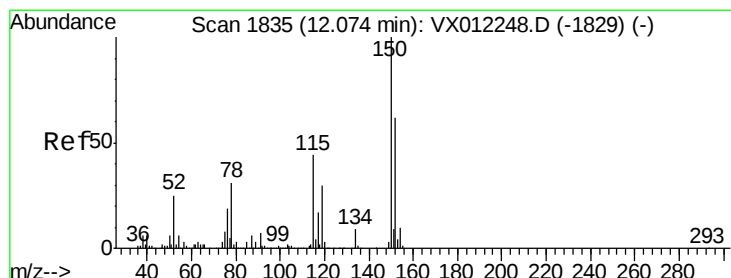
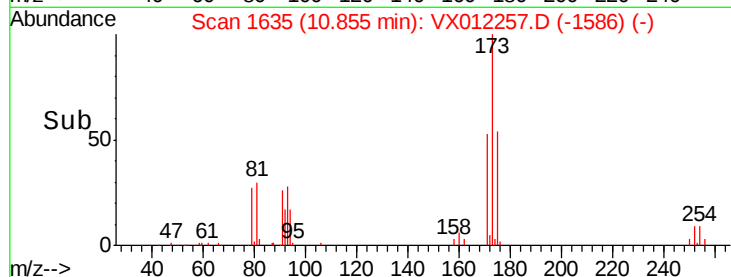
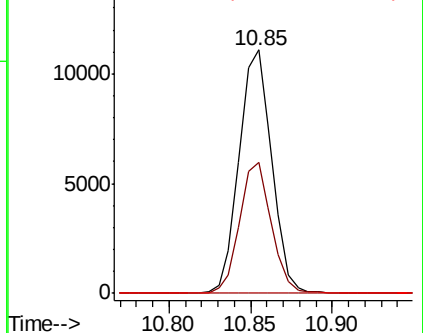
254 0.0 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012257.D

Acq: 10 Sep 2019 15:58

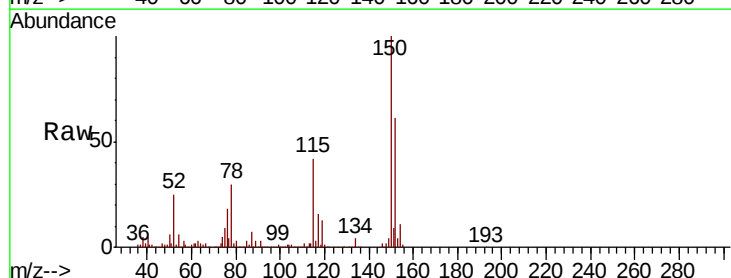
Tgt Ion:152 Resp: 114941

Ion Ratio Lower Upper

152 100

115 75.1 45.5 136.4

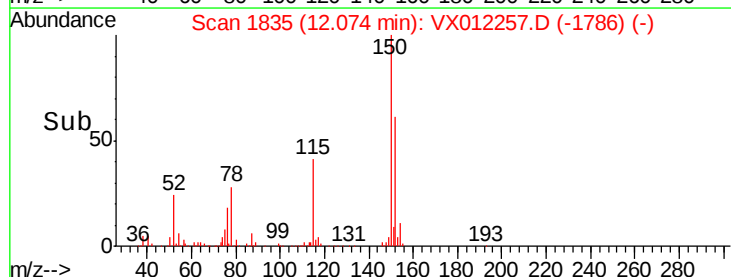
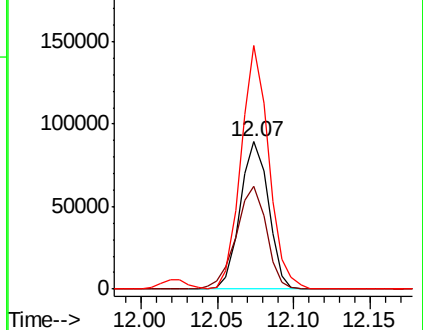
150 160.9 0.0 346.4

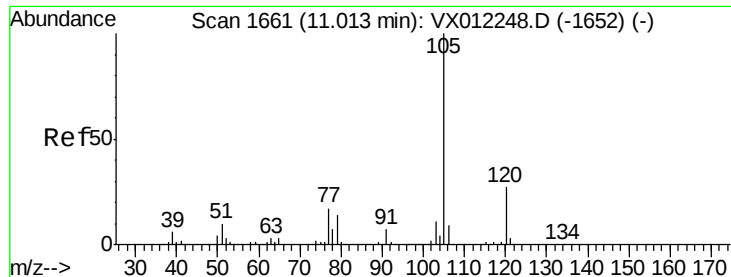


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.198 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012257.D

Acq: 10 Sep 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

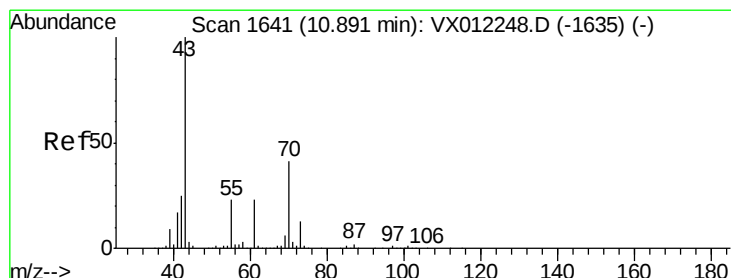
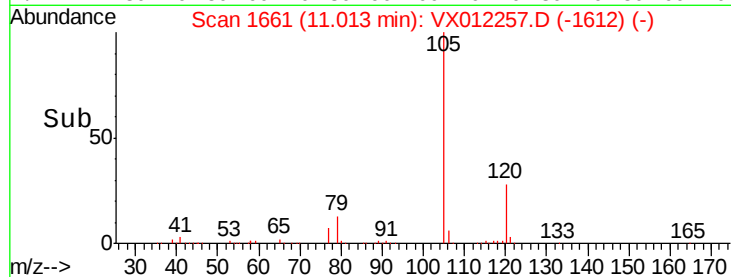
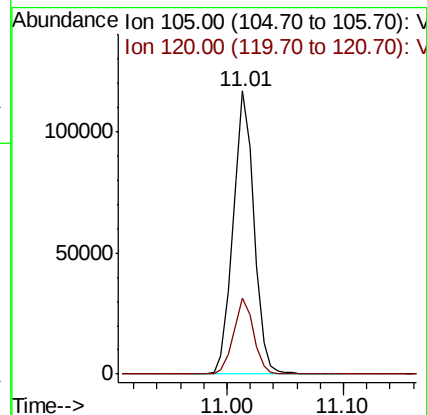
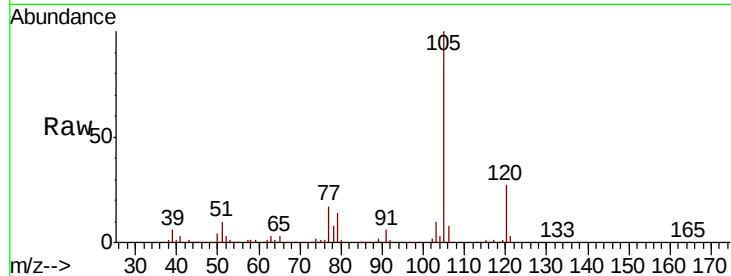
VX0910SBS02

Tgt Ion: 105 Resp: 145265

Ion Ratio Lower Upper

105 100

120 25.8 13.2 39.5



#74

N-ethyl acetate

Concen: 19.677 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012257.D

Acq: 10 Sep 2019 15:58

Tgt Ion: 43 Resp: 44272

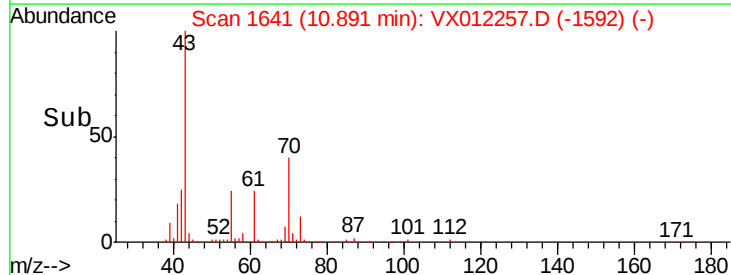
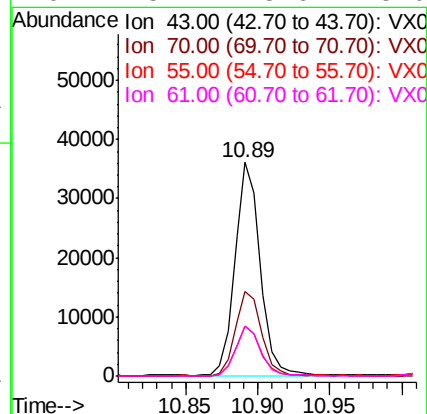
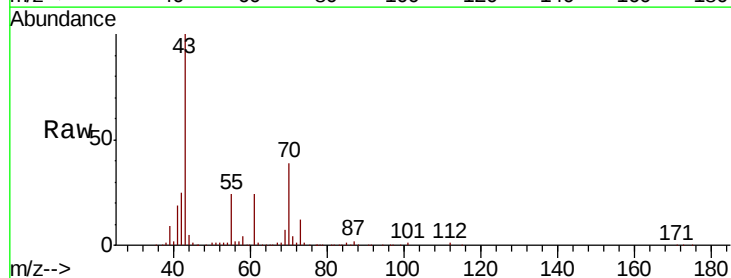
Ion Ratio Lower Upper

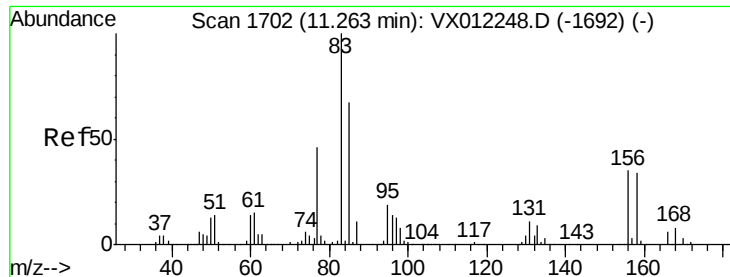
43 100

70 41.7 32.9 49.3

55 22.8 19.1 28.7

61 23.7 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.509 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012257.D

Acq: 10 Sep 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBSD02

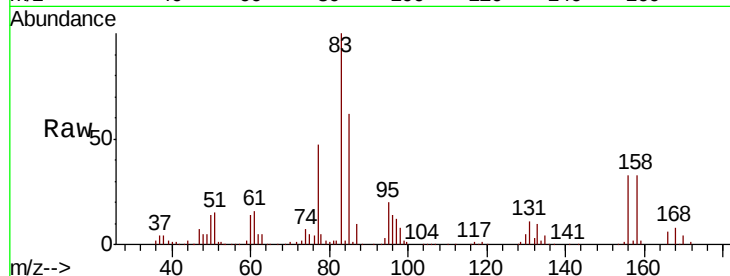
Tgt Ion: 83 Resp: 33330

Ion Ratio Lower Upper

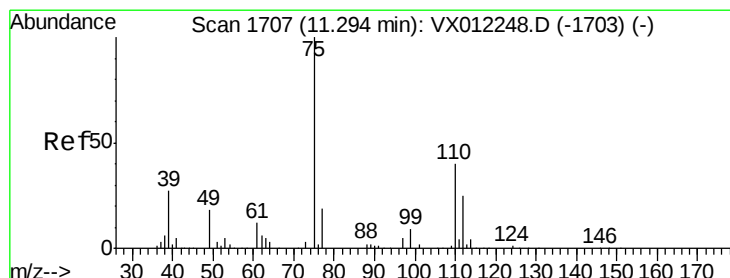
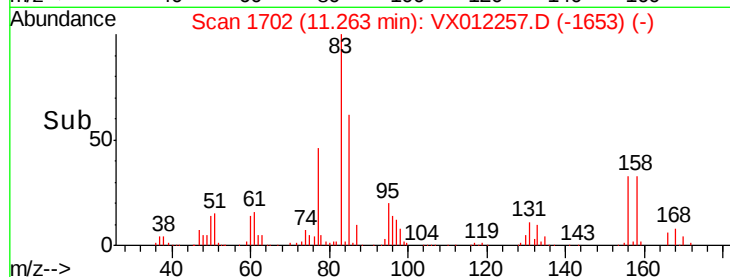
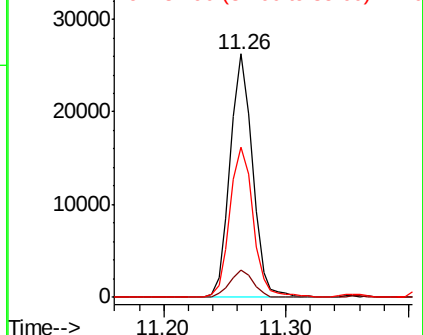
83 100

131 11.9 5.5 16.4

85 64.4 32.8 98.4



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: 24.101 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012257.D

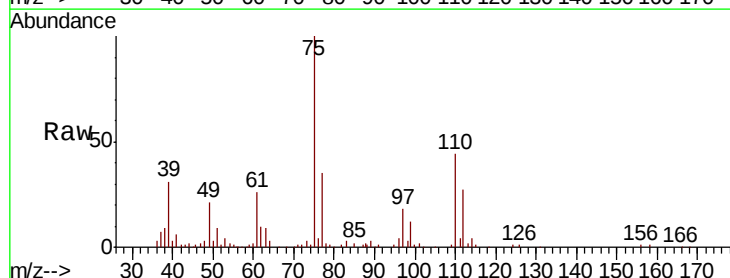
Acq: 10 Sep 2019 15:58

Tgt Ion: 75 Resp: 35587

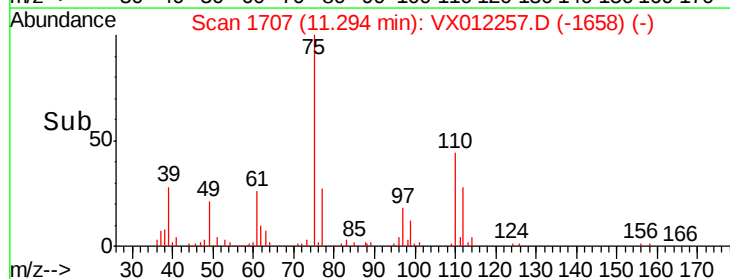
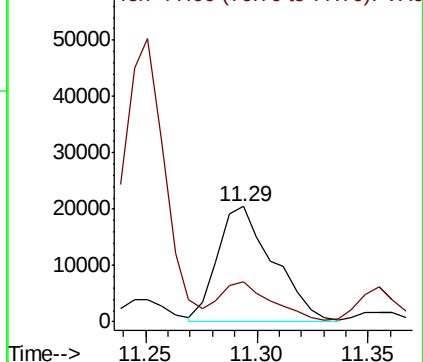
Ion Ratio Lower Upper

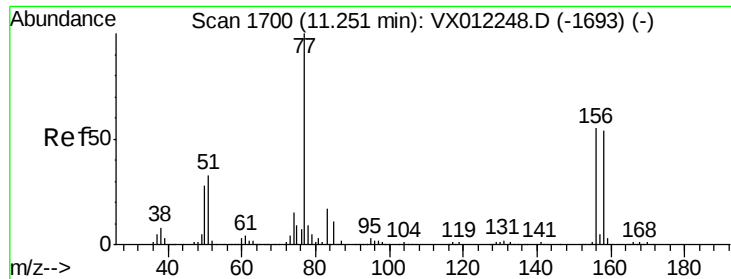
75 100

77 31.9 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.461 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012257.D

Acq: 10 Sep 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS02

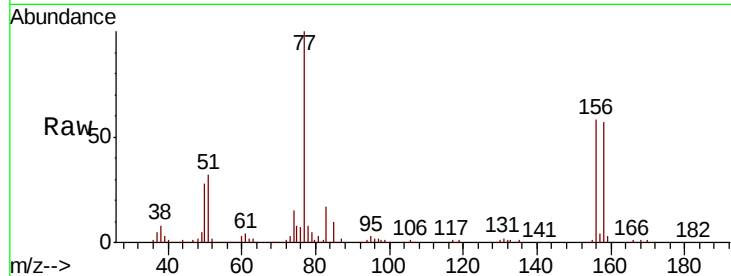
Tgt Ion:156 Resp: 35646

Ion Ratio Lower Upper

156 100

77 183.2 92.2 276.6

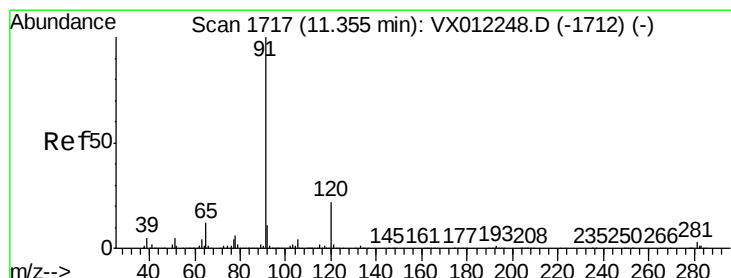
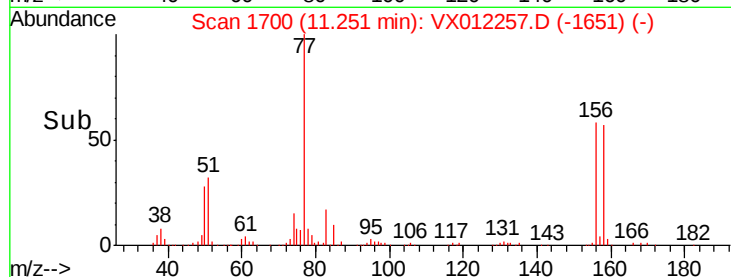
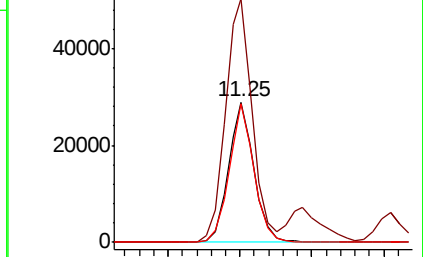
158 95.8 48.8 146.3



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: 19.572 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012257.D

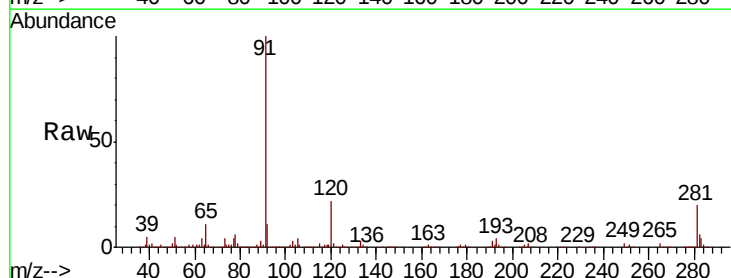
Acq: 10 Sep 2019 15:58

Tgt Ion: 91 Resp: 178842

Ion Ratio Lower Upper

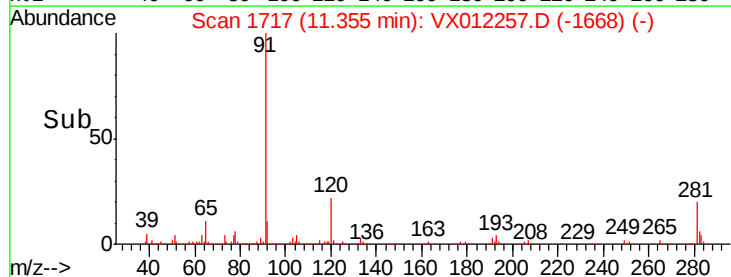
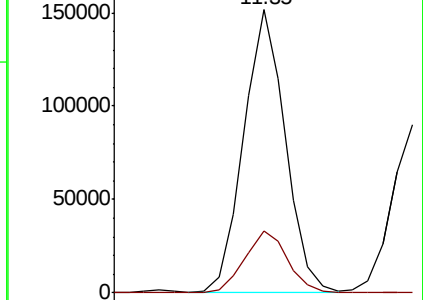
91 100

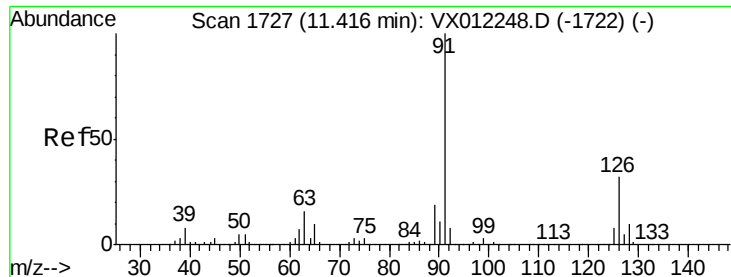
120 22.8 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

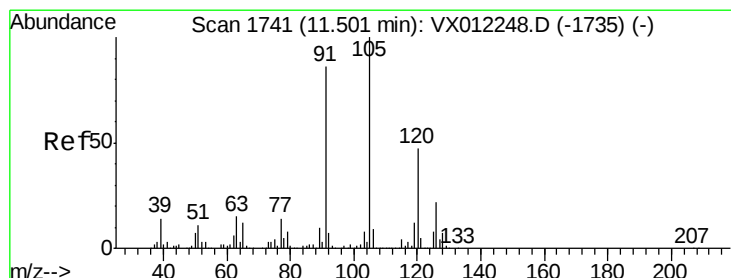
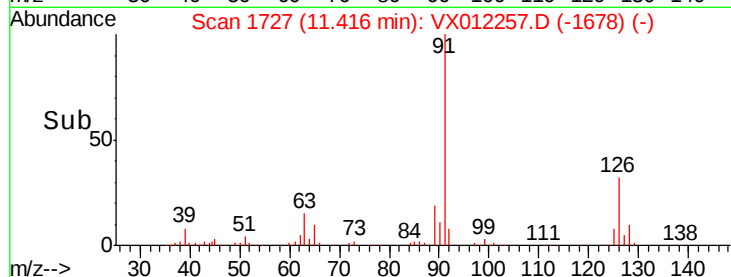
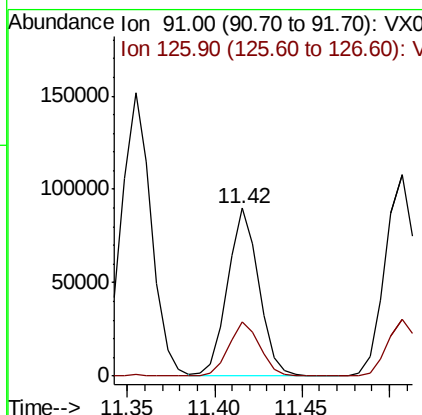
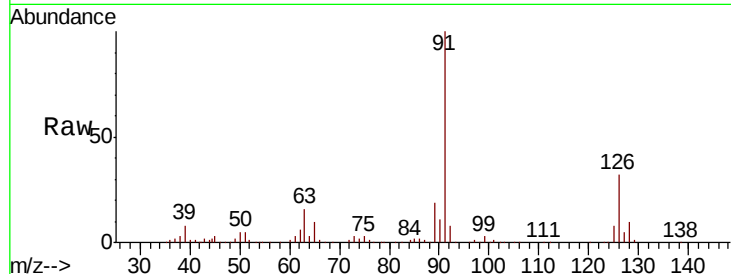




#79
 2-Chlorotoluene
 Concen: 19.587 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

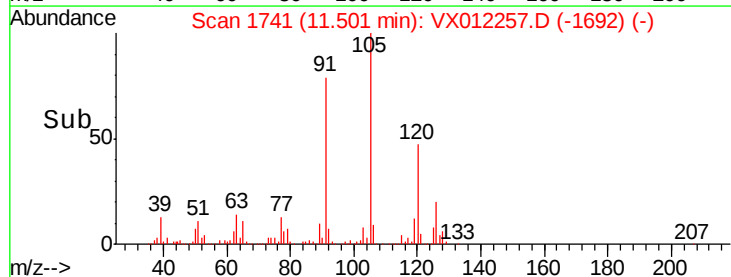
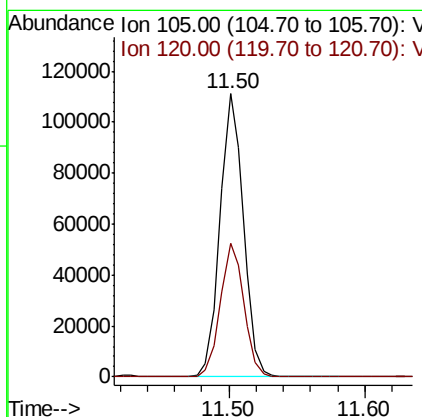
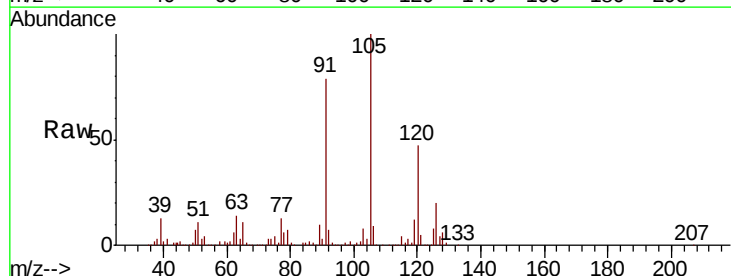
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS02

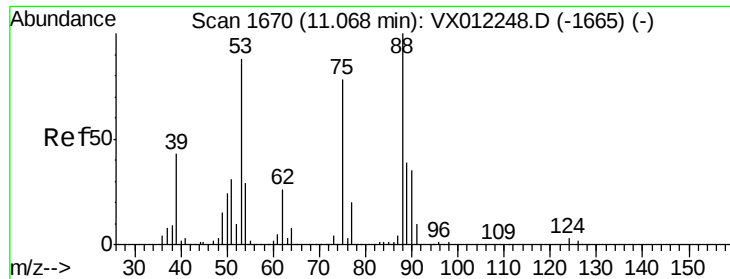
Tgt Ion: 91 Resp: 110891
 Ion Ratio Lower Upper
 91 100
 126 32.3 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.526 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

Tgt Ion: 105 Resp: 132874
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 18.851 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012257.D

Acq: 10 Sep 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBSD02

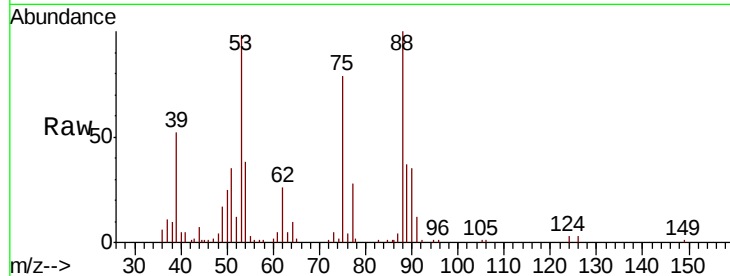
Tgt Ion: 75 Resp: 9290

Ion Ratio Lower Upper

75 100

53 112.6 88.1 132.1

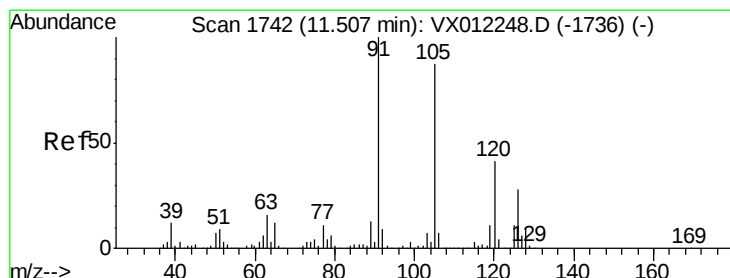
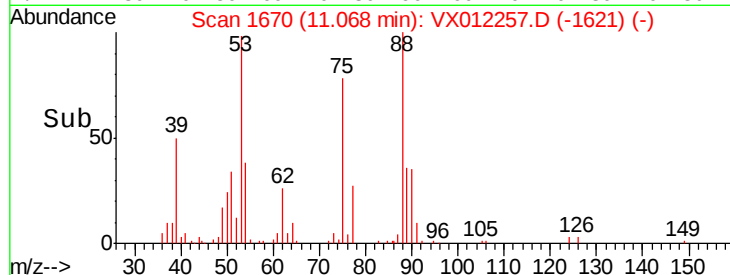
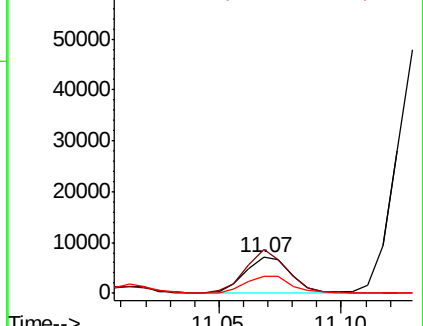
89 48.4 43.5 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.785 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012257.D

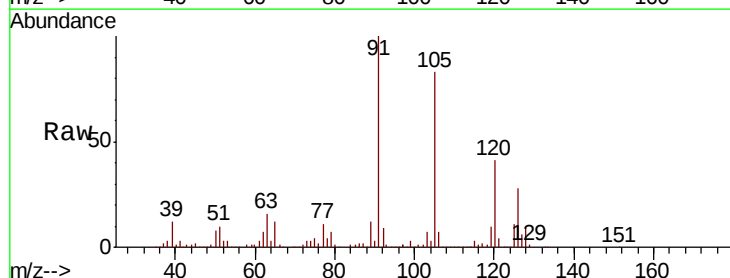
Acq: 10 Sep 2019 15:58

Tgt Ion: 91 Resp: 134614

Ion Ratio Lower Upper

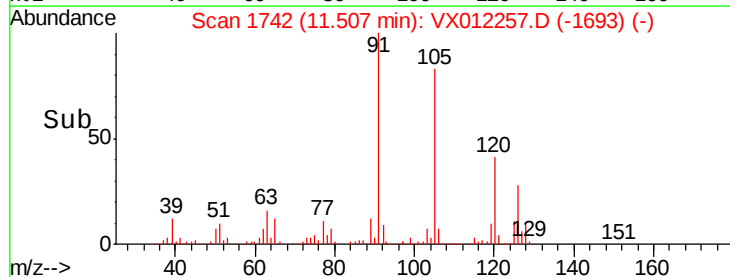
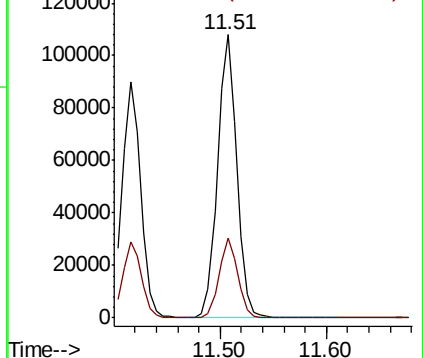
91 100

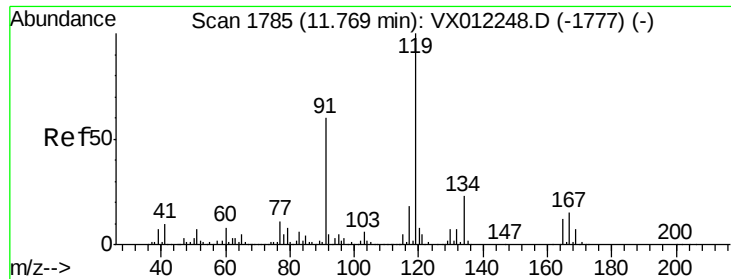
126 27.5 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

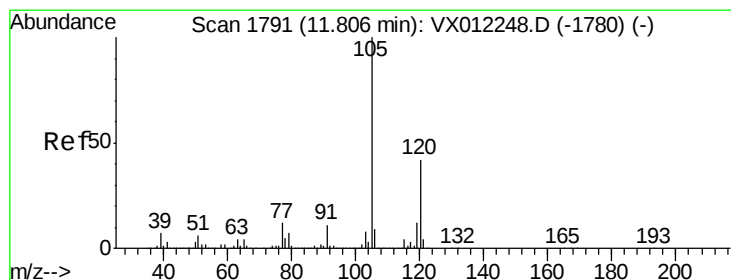
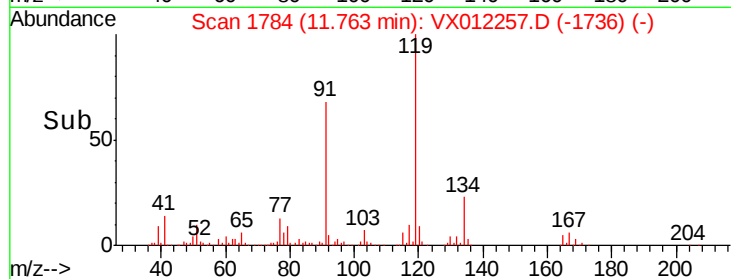
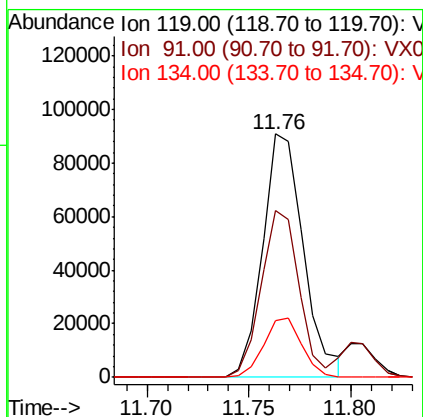
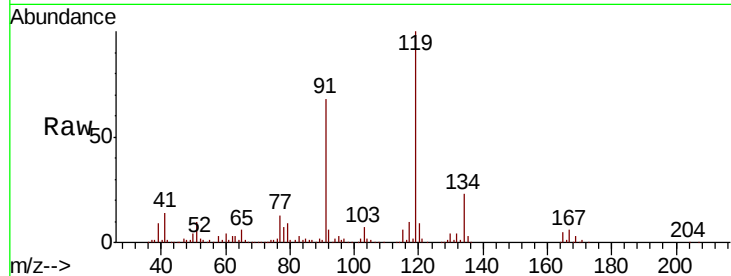




#83
 tert-Butylbenzene
 Concen: 19.128 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

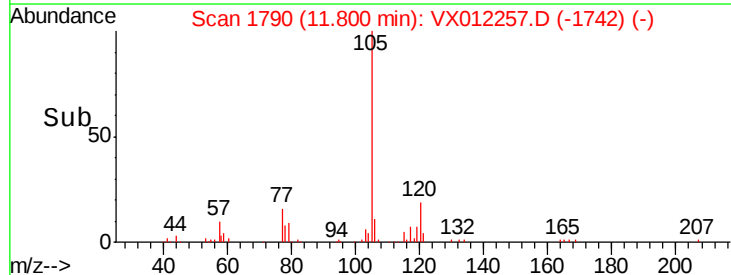
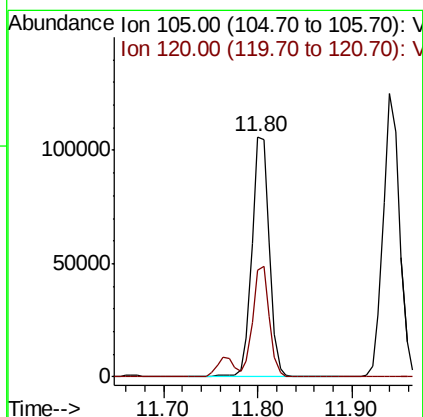
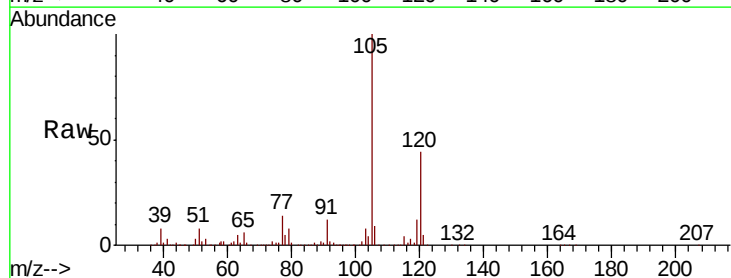
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBSD02

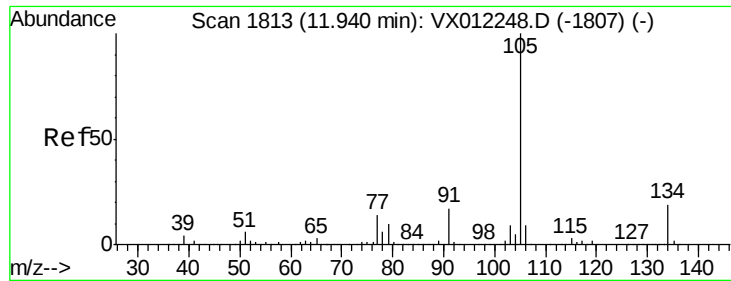
Tgt Ion:119 Resp: 126391
 Ion Ratio Lower Upper
 119 100
 91 63.6 30.9 92.8
 134 22.9 11.2 33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.621 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

Tgt Ion:105 Resp: 138022
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.3 63.9

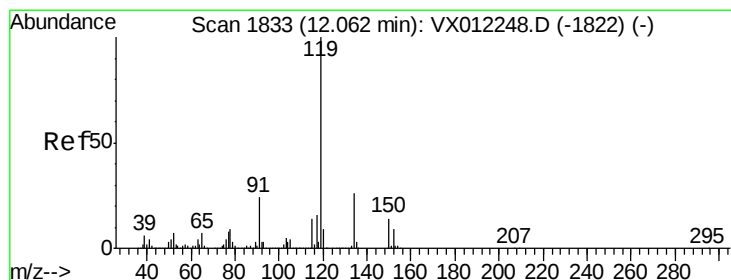
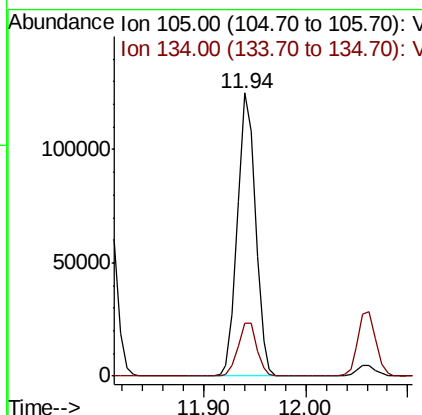
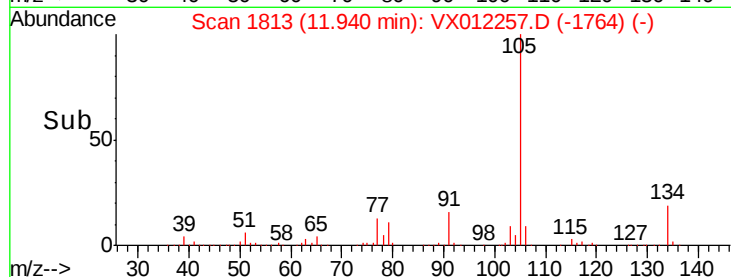
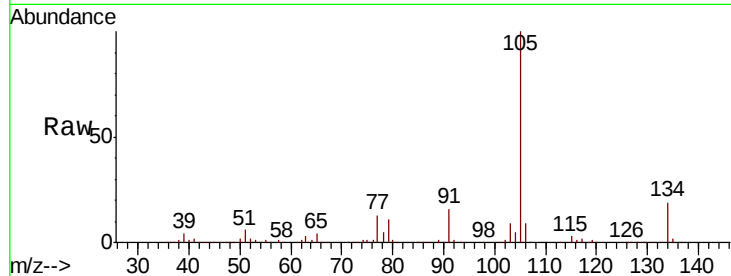




#85
 sec-Butylbenzene
 Concen: 19.297 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

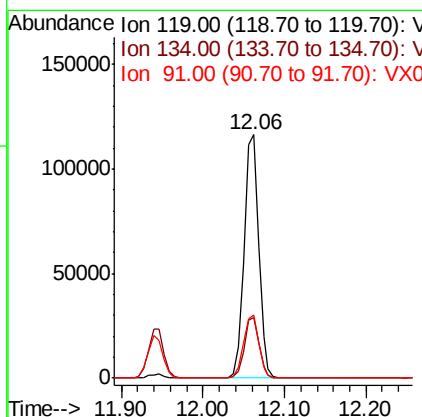
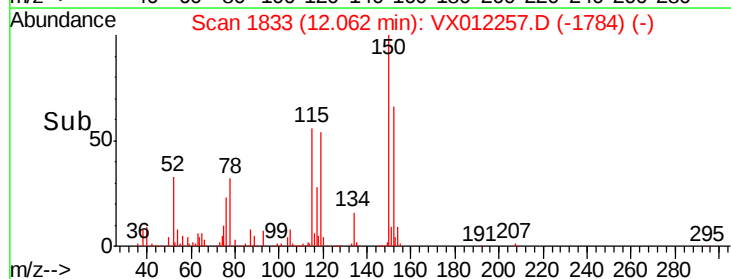
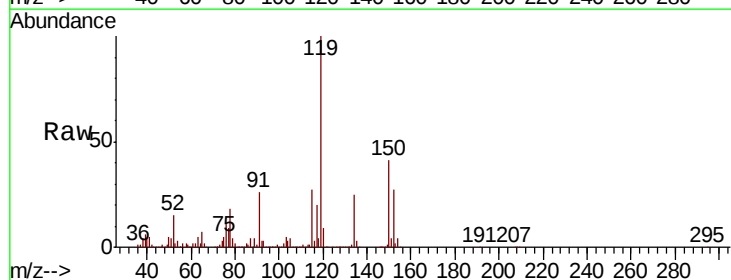
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBSD02

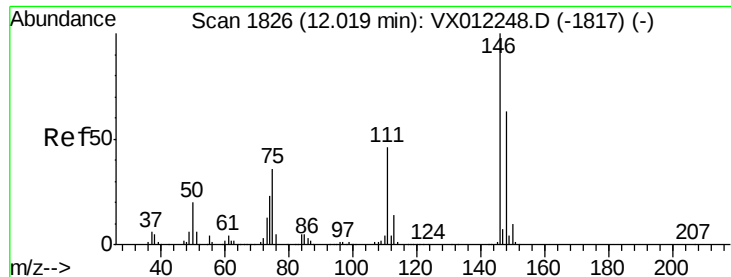
Tgt Ion:105 Resp: 152135
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 19.577 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

Tgt Ion:119 Resp: 142614
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.9 38.7
 91 26.6 13.1 39.1

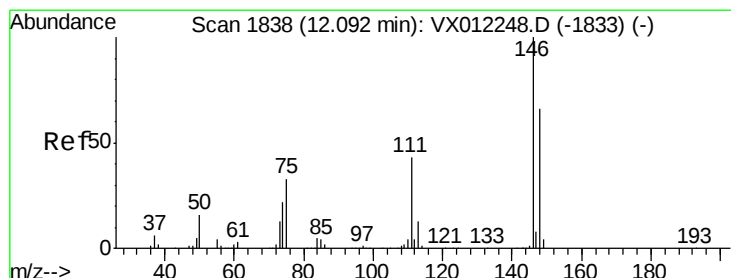
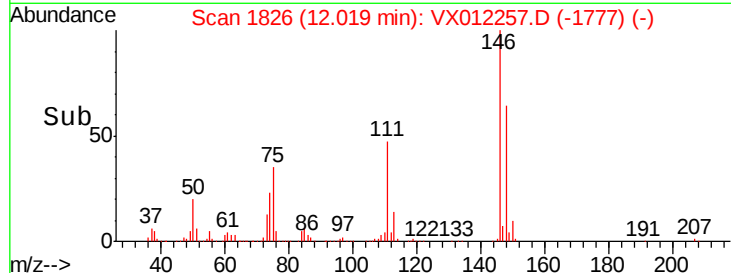
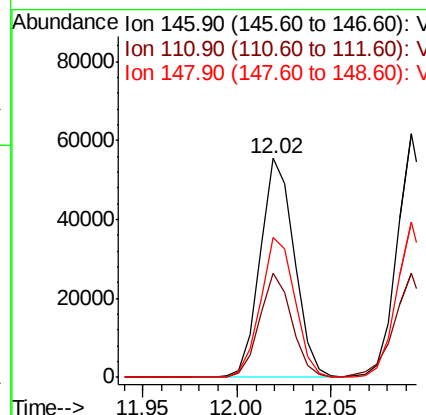
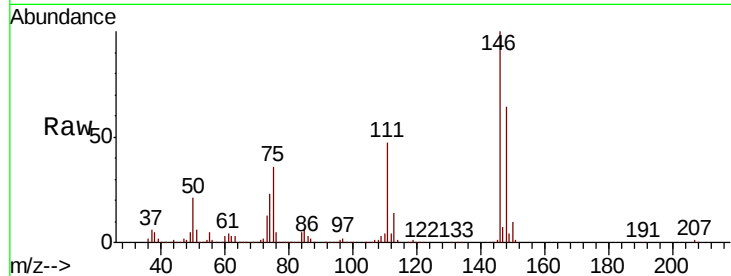




#87
 1,3-Dichlorobenzene
 Concen: 19.623 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

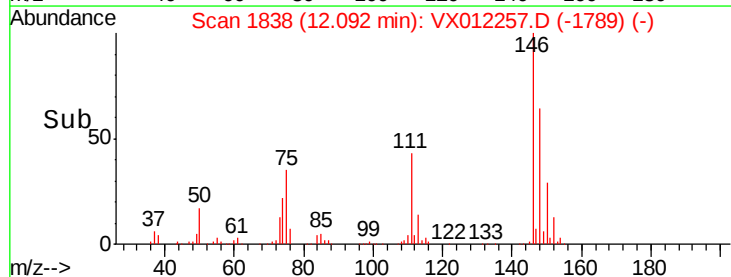
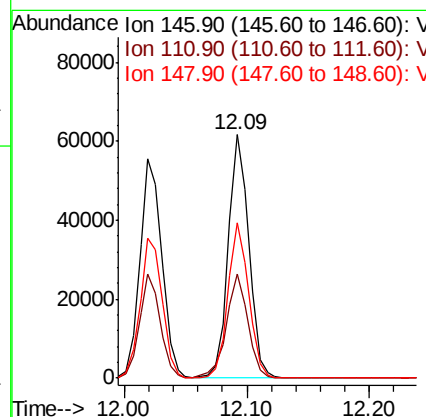
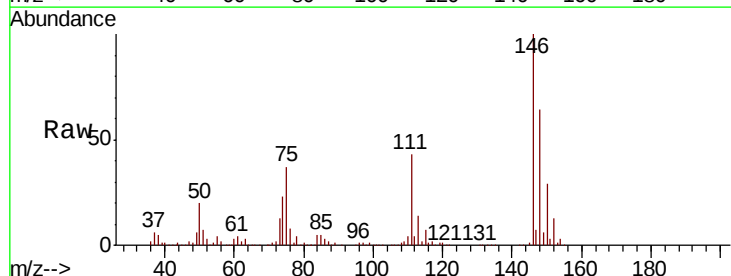
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS02

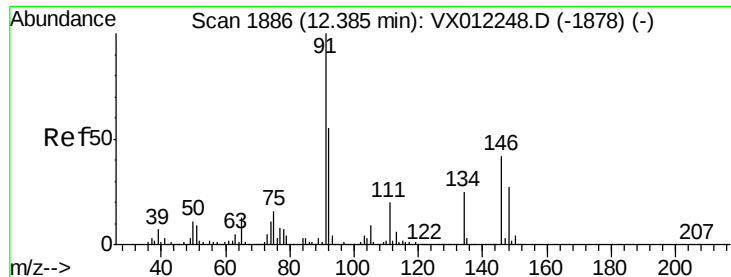
Tgt Ion:146 Resp: 69641
 Ion Ratio Lower Upper
 146 100
 111 45.1 22.3 66.8
 148 64.5 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 20.042 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

Tgt Ion:146 Resp: 71921
 Ion Ratio Lower Upper
 146 100
 111 45.0 21.6 64.8
 148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 19.129 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012257.D

Acq: 10 Sep 2019 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS02

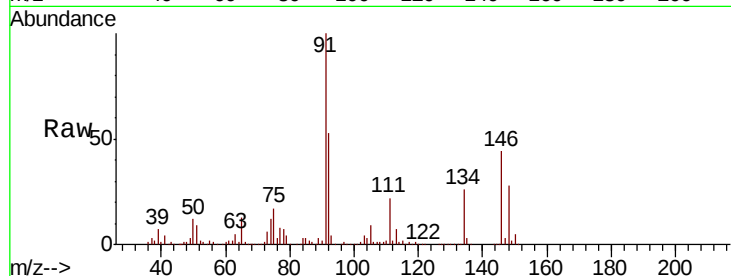
Tgt Ion: 91 Resp: 136580

Ion Ratio Lower Upper

91 100

92 54.4 27.6 82.7

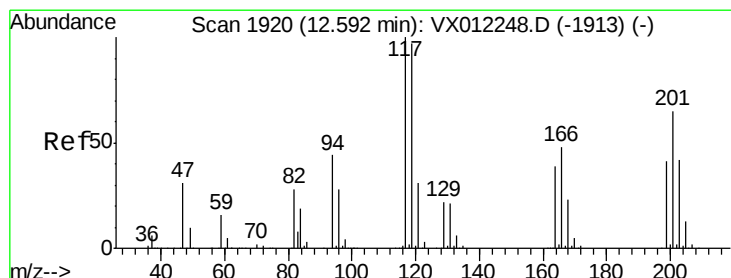
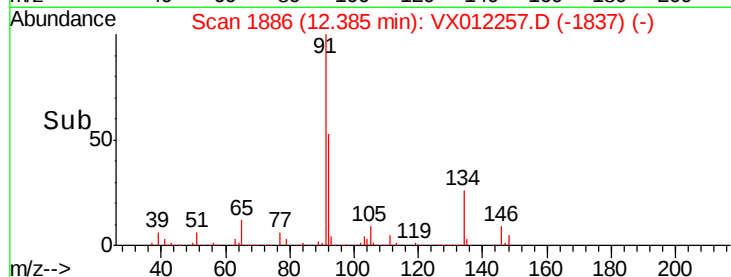
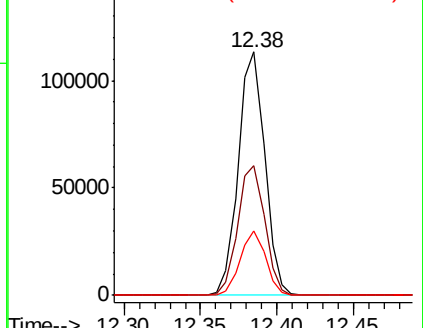
134 25.4 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.191 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012257.D

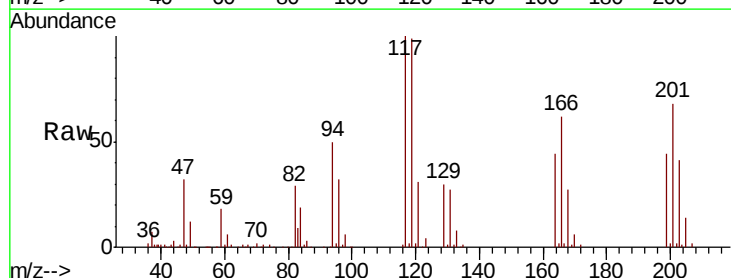
Acq: 10 Sep 2019 15:58

Tgt Ion: 117 Resp: 24409

Ion Ratio Lower Upper

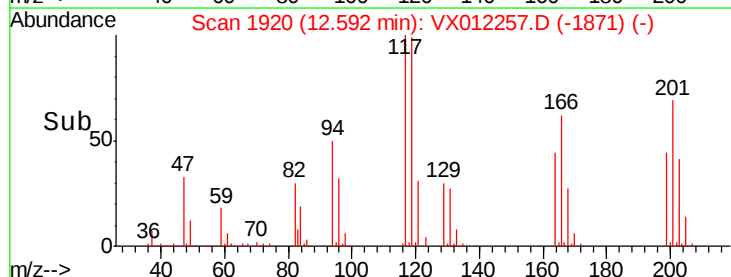
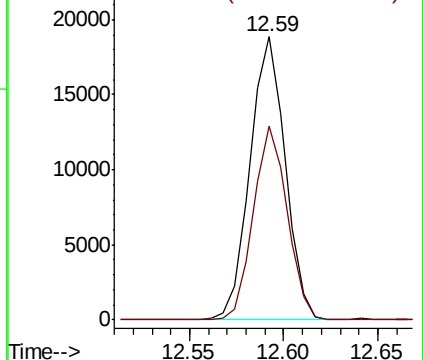
117 100

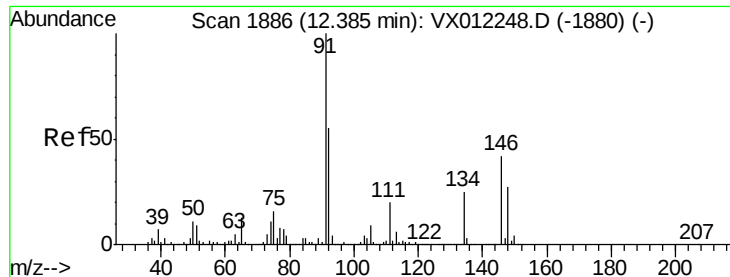
201 65.8 32.2 96.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

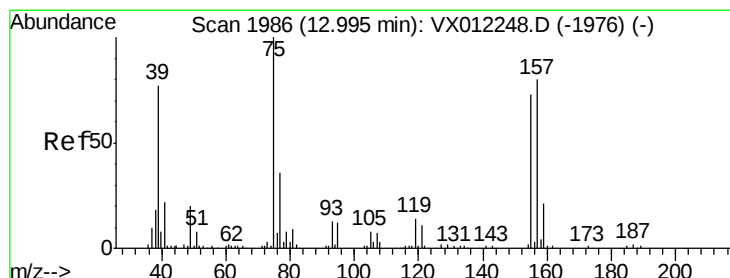
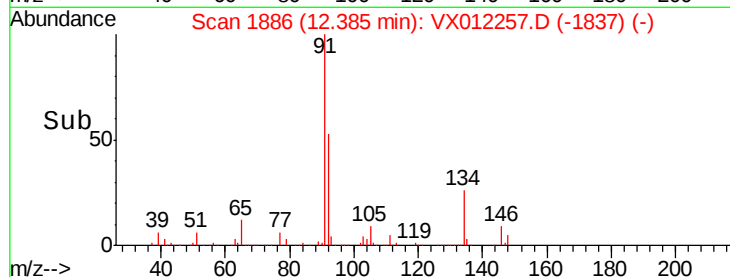
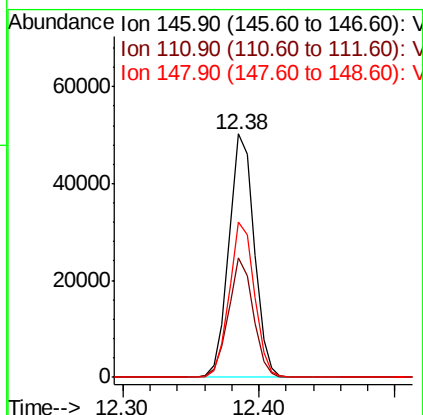
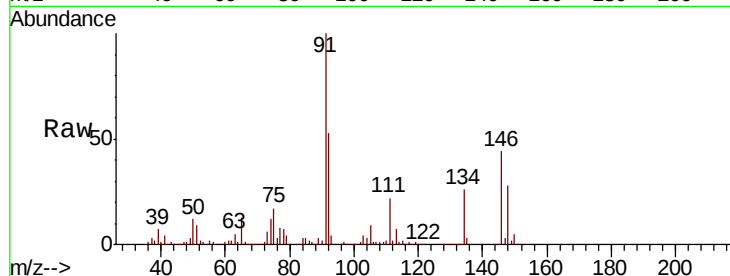




#91
 1,2-Dichlorobenzene
 Concen: 19.841 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

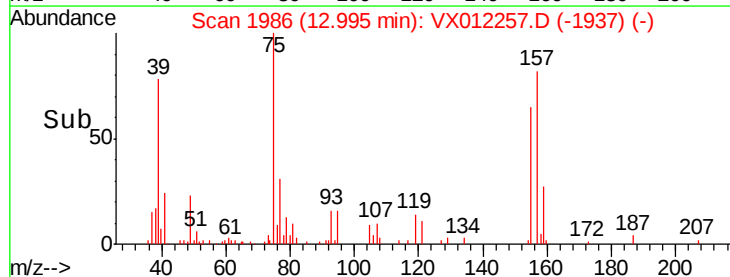
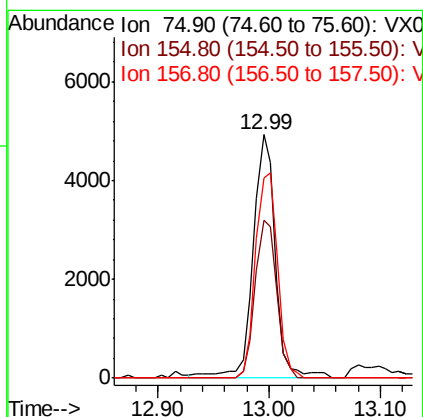
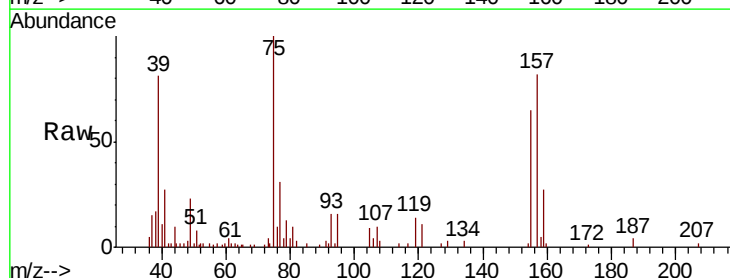
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS02

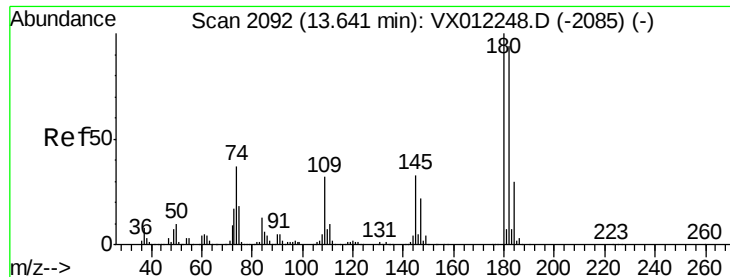
Tgt Ion:146 Resp: 65137
 Ion Ratio Lower Upper
 146 100
 111 48.0 23.2 69.6
 148 63.2 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.816 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

Tgt Ion: 75 Resp: 6905
 Ion Ratio Lower Upper
 75 100
 155 62.5 35.3 105.7
 157 83.1 43.2 129.6

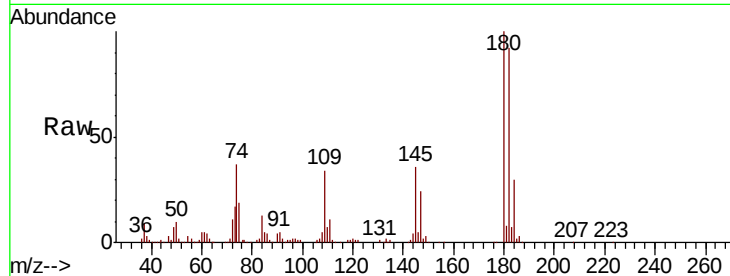




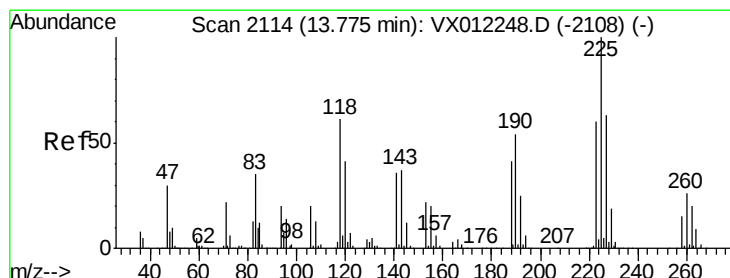
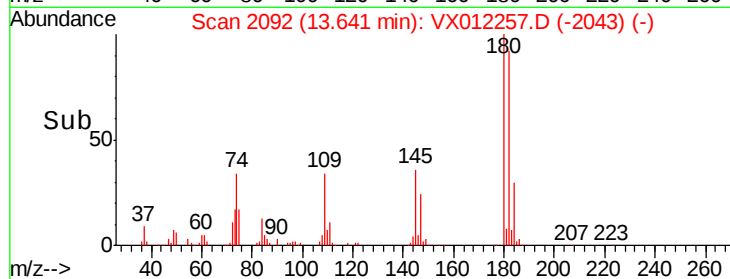
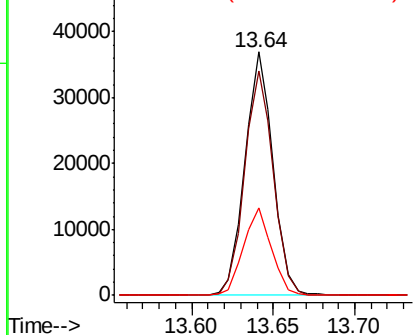
#93
 1,2,4-Trichlorobenzene
 Concen: 19.546 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.9	140.8
145	35.6	17.1	51.2

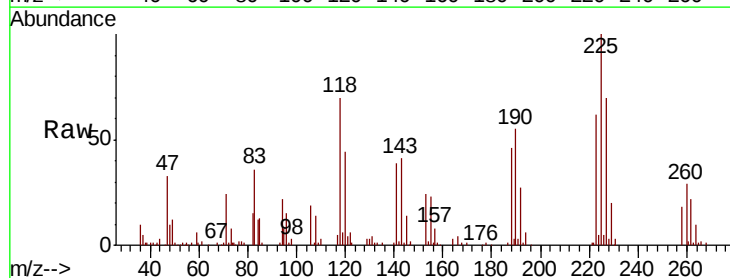


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

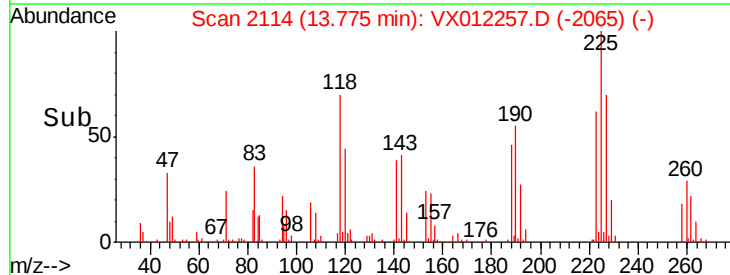
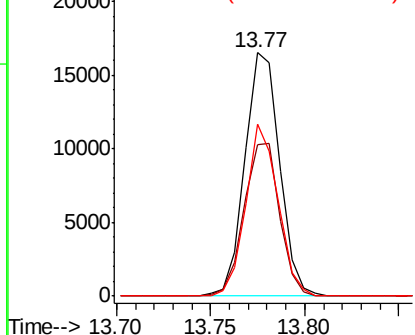


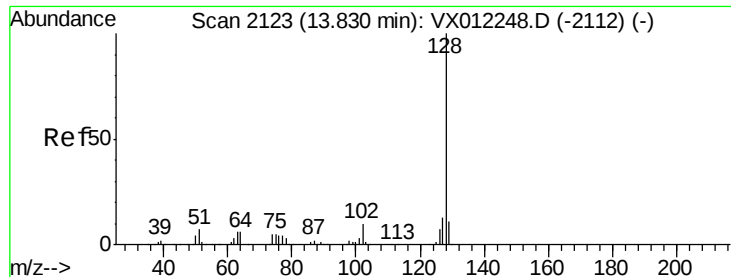
#94
 Hexachlorobutadiene
 Concen: 18.730 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX012257.D
 Acq: 10 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	32.1	96.5
227	65.2	32.5	97.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

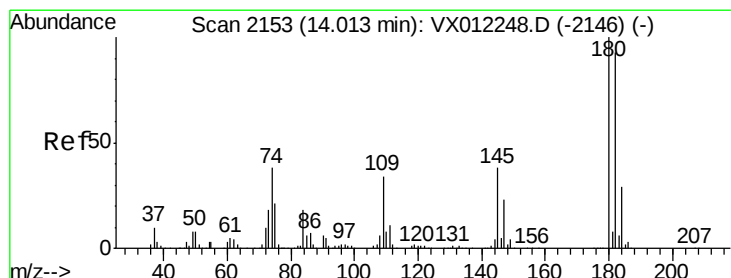
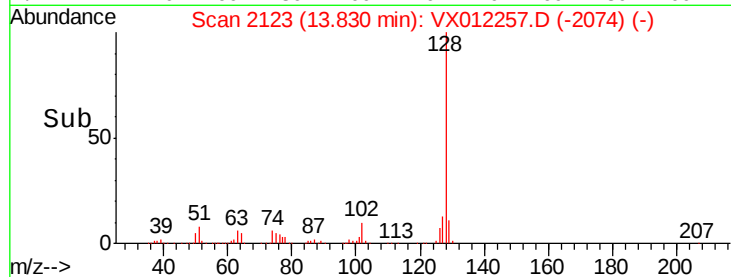
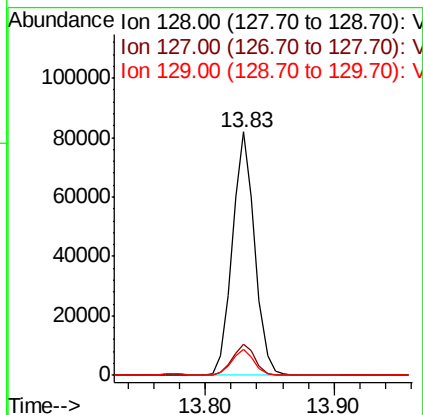
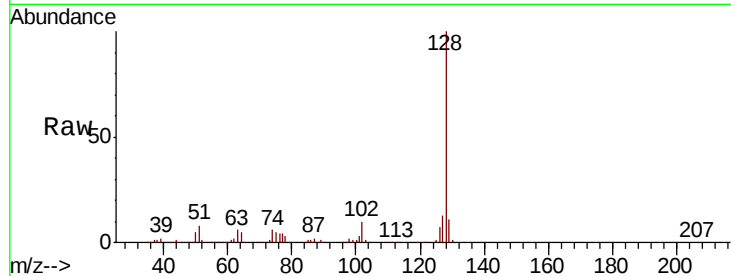




#95
Naphthalene
Concen: 20.354 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012257.D
Acq: 10 Sep 2019 15:58

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS02

Tgt Ion:128 Resp: 99029
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.7 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.232 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012257.D
Acq: 10 Sep 2019 15:58

Tgt Ion:180 Resp: 40583
Ion Ratio Lower Upper
180 100
182 92.7 47.0 141.0
145 36.3 18.6 55.8

