

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090319\
 Data File : VX012027.D
 Acq On : 03 Sep 2019 17:33
 Operator : SY/SP
 Sample : VX0903SBSD01
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBSD01

Quant Time: Sep 04 04:03:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	145078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	268499	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118418	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	100015	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	5.48	113	80312	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	8.71	98	302846	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
62) 4-Bromofluorobenzene	11.14	95	131404	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	25802	19.286	ug/l	97
3) Chloromethane	1.31	50	25293	18.460	ug/l	99
4) Vinyl Chloride	1.39	62	24149	18.734	ug/l	95
5) Bromomethane	1.62	94	12466	19.494	ug/l	98
6) Chloroethane	1.70	64	15337	19.139	ug/l	99
7) Trichlorofluoromethane	1.91	101	38375	19.167	ug/l	100
8) Diethyl Ether	2.17	74	15034	21.729	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	28919	19.501	ug/l #	84
10) Methyl Iodide	2.50	142	18351	17.502	ug/l	94
11) Tert butyl alcohol	3.03	59	20125	104.669	ug/l #	94
12) 1,1-Dichloroethene	2.36	96	27184	19.029	ug/l	91
13) Acrolein	2.28	56	8585	168.036	ug/l	93
14) Allyl chloride	2.71	41	51514	19.929	ug/l	99
15) Acrylonitrile	3.12	53	45434	104.499	ug/l	98
16) Acetone	2.43	43	45534	95.166	ug/l	99
17) Carbon Disulfide	2.55	76	69678	16.689	ug/l	100
18) Methyl Acetate	2.76	43	23337	20.704	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	97591	20.983	ug/l	99
20) Methylene Chloride	2.84	84	36612	19.055	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	32084	19.139	ug/l	92
22) Diisopropyl ether	3.84	45	110240	20.923	ug/l	97
23) Vinyl Acetate	3.80	43	353679	103.769	ug/l	98
24) 1,1-Dichloroethane	3.68	63	61387	20.089	ug/l	97
25) 2-Butanone	4.65	43	62453	102.540	ug/l	96
26) 2,2-Dichloropropane	4.57	77	55150	19.548	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	39660	20.182	ug/l	93
28) Bromochloromethane	5.00	49	25741	21.103	ug/l #	80
29) Tetrahydrofuran	5.11	42	38015	103.595	ug/l	98
30) Chloroform	5.20	83	67263	20.514	ug/l	95
31) Cyclohexane	5.56	56	46413	18.912	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	56991	19.957	ug/l	97
36) 1,1-Dichloropropene	5.78	75	43695	18.477	ug/l	94
37) Ethyl Acetate	4.82	43	26691	20.756	ug/l	97
38) Carbon Tetrachloride	5.77	117	47101	18.902	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	51044	18.598	ug/l	96
40) Benzene	6.13	78	133823	19.712	ug/l	97
41) Methacrylonitrile	5.03	41	16320	21.281	ug/l	96
42) 1,2-Dichloroethane	6.18	62	49673	20.332	ug/l	99
43) Isopropyl Acetate	6.43	43	54014	20.657	ug/l	98
44) Trichloroethene	7.20	130	35253	19.252	ug/l	81
45) 1,2-Dichloropropane	7.51	63	35310	20.131	ug/l	98
46) Dibromomethane	7.65	93	20791	20.305	ug/l #	73
47) Bromodichloromethane	7.89	83	53167	20.428	ug/l	97
48) Methyl methacrylate	7.76	41	26687	20.298	ug/l	97
49) 1,4-Dioxane	7.73	88	7587	423.320	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	138156	103.879	ug/l	99
52) Toluene	8.78	92	86468	19.575	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	53925	20.013	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	59791	19.954	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	30864	21.084	ug/l	98
56) Ethyl methacrylate	9.17	69	43168	20.587	ug/l	98
57) 1,3-Dichloropropane	9.37	76	52352	20.725	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	102041	107.943	ug/l	95
59) 2-Hexanone	9.49	43	100082	103.129	ug/l	99
60) Dibromochloromethane	9.57	129	35356	20.265	ug/l	98
61) 1,2-Dibromoethane	9.67	107	28710	20.297	ug/l	97
64) Tetrachloroethene	9.33	164	29318	18.989	ug/l #	83
65) Chlorobenzene	10.14	112	96272	19.702	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	36574	20.471	ug/l	97
67) Ethyl Benzene	10.25	91	174231	19.562	ug/l	96
68) m/p-Xylenes	10.35	106	127442	38.835	ug/l	91
69) o-Xylene	10.70	106	62028	19.493	ug/l	89
70) Styrene	10.71	104	108997	19.720	ug/l	95
71) Bromoform	10.85	173	19215	19.581	ug/l #	99
73) Isopropylbenzene	11.01	105	169749	19.537	ug/l	96
74) N-amyl acetate	10.89	43	52617	20.482	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	37271	20.577	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	40206	27.788	ug/l	80
77) Bromobenzene	11.25	156	38752	19.942	ug/l	69
78) n-propylbenzene	11.35	91	201453	19.192	ug/l	94
79) 2-Chlorotoluene	11.42	91	123631	19.441	ug/l	89
80) 1,3,5-Trimethylbenzene	11.50	105	148038	19.443	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.07	75	11980	19.575	ug/l	96
82) 4-Chlorotoluene	11.51	91	148139	19.545	ug/l	91
83) tert-Butylbenzene	11.77	119	142395	19.621	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	152524	19.490	ug/l	94
85) sec-Butylbenzene	11.94	105	176170	19.544	ug/l	93
86) p-Isopropyltoluene	12.06	119	158999	19.396	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	77897	20.005	ug/l	92
88) 1,4-Dichlorobenzene	12.09	146	76755	19.714	ug/l	93
89) n-Butylbenzene	12.39	91	156666	19.674	ug/l	96
90) Hexachloroethane	12.59	117	32291	19.728	ug/l	57
91) 1,2-Dichlorobenzene	12.39	146	71704	20.447	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	12.99	75	7453	19.663	ug/l	68

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
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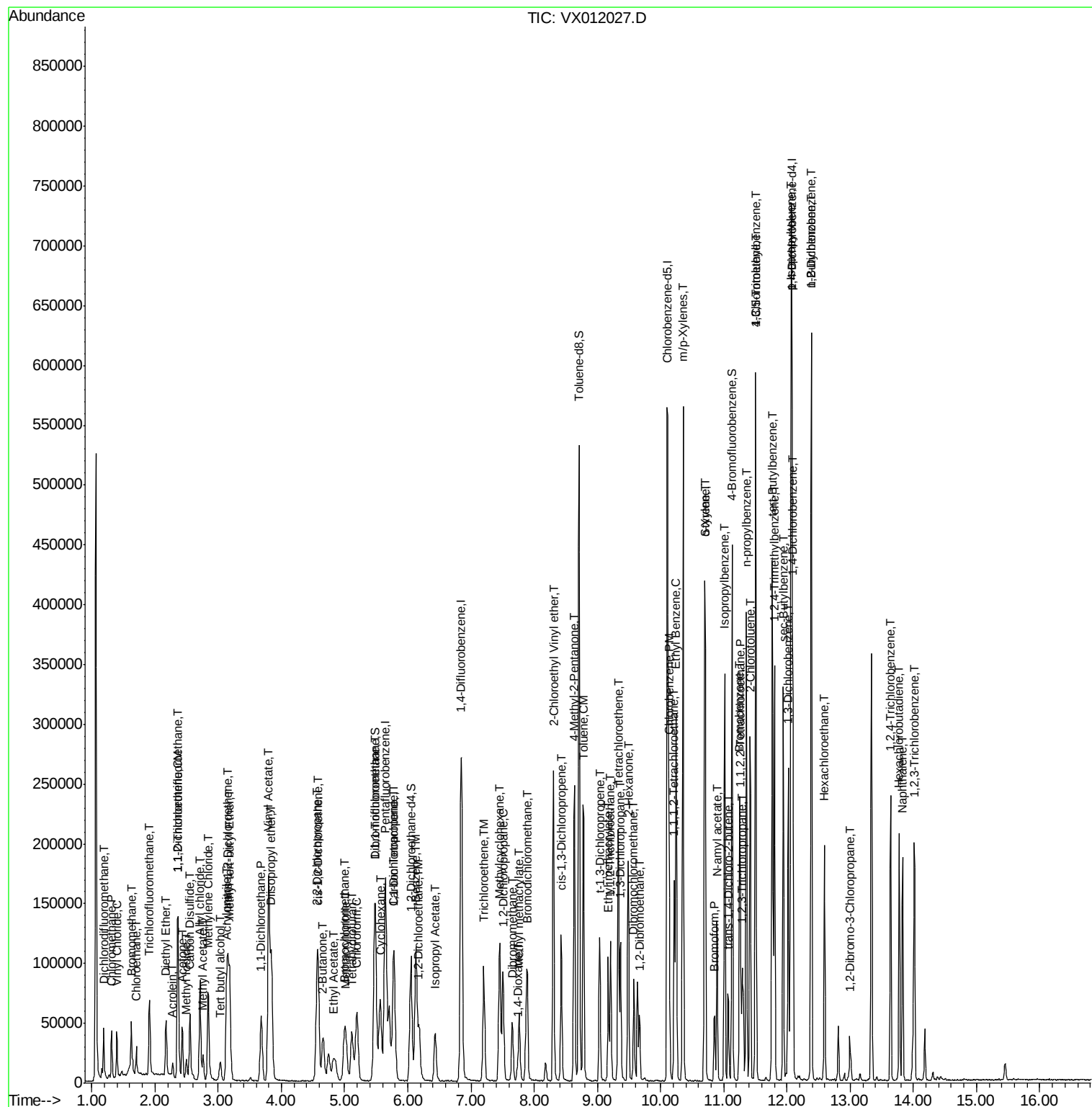
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	48690	19.507	ug/l	96
94) Hexachlorobutadiene	13.78	225	25008	19.876	ug/l	98
95) Naphthalene	13.83	128	109105	20.197	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	43326	19.730	ug/l	95

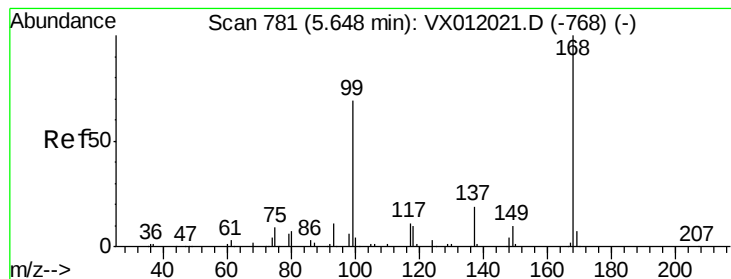
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
Client Sampled :
VX0903SBSD01

Quant Time: Sep 04 04:03:21 2019
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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

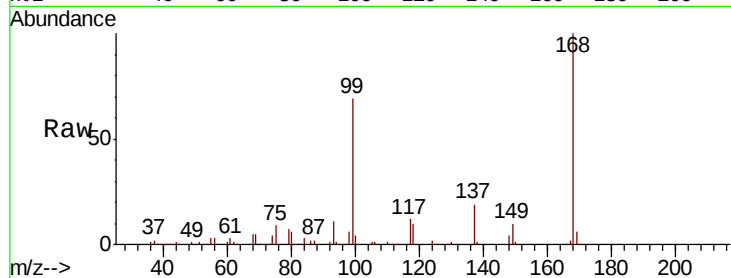
VX0903SBS01

Tgt Ion:168 Resp: 145078

Ion Ratio Lower Upper

168 100

99 68.8 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

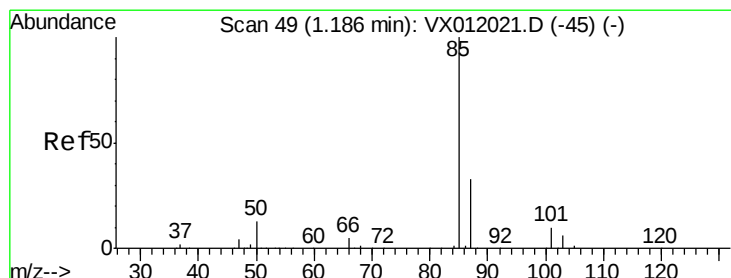
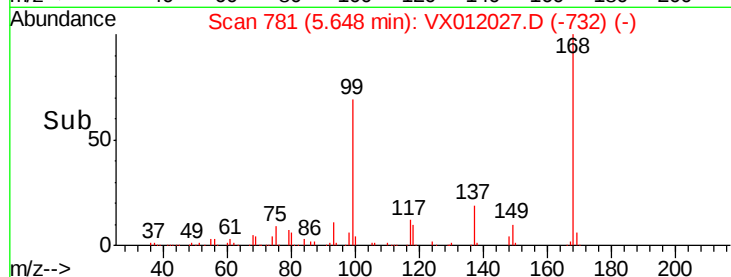
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.286 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012027.D

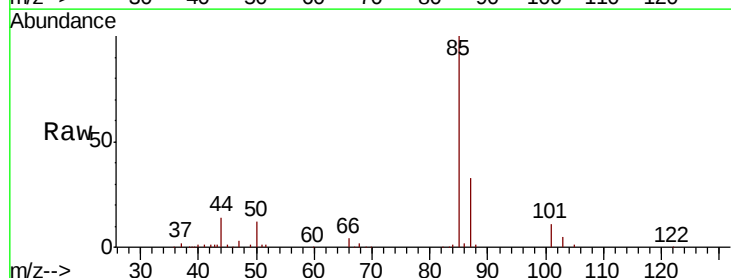
Acq: 03 Sep 2019 17:33

Tgt Ion: 85 Resp: 25802

Ion Ratio Lower Upper

85 100

87 32.6 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

25000

20000

15000

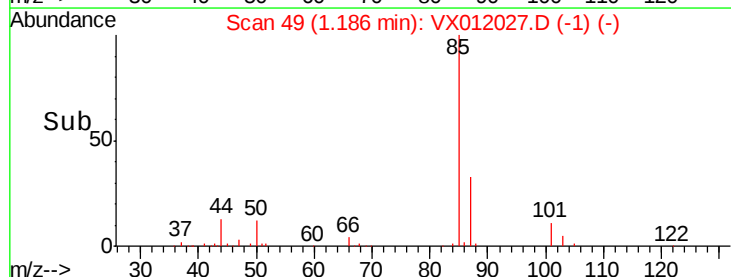
10000

5000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.460 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

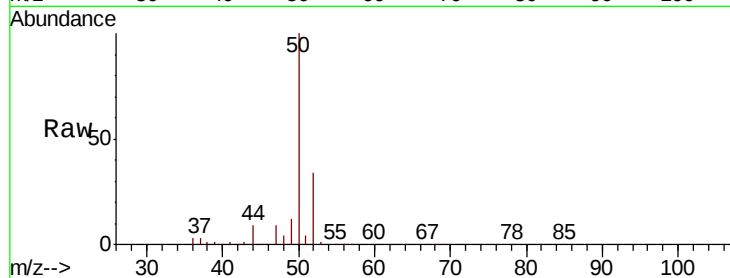
VX0903SBSD01

Tgt Ion: 50 Resp: 25293

Ion Ratio Lower Upper

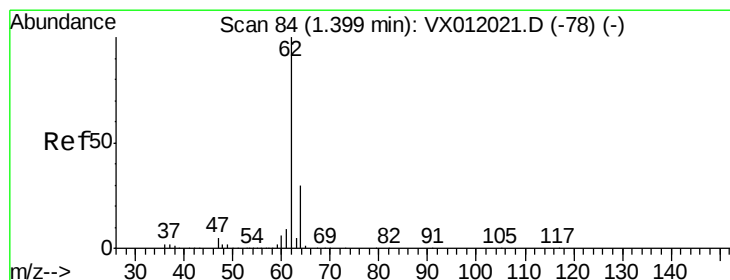
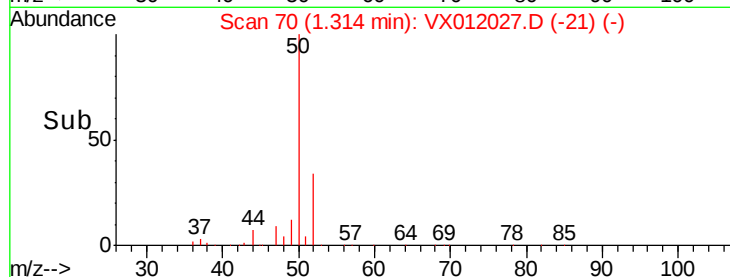
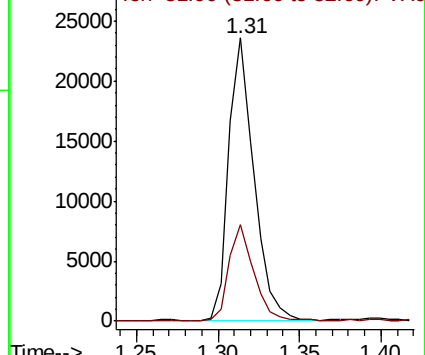
50 100

52 33.8 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.734 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012027.D

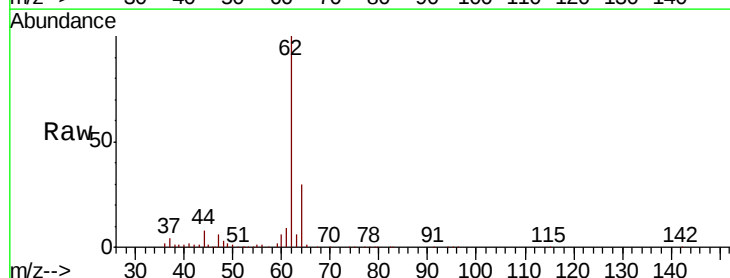
Acq: 03 Sep 2019 17:33

Tgt Ion: 62 Resp: 24149

Ion Ratio Lower Upper

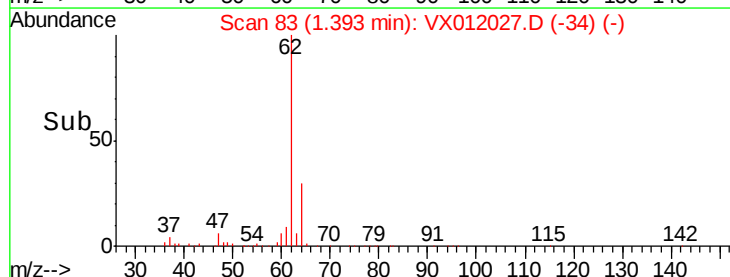
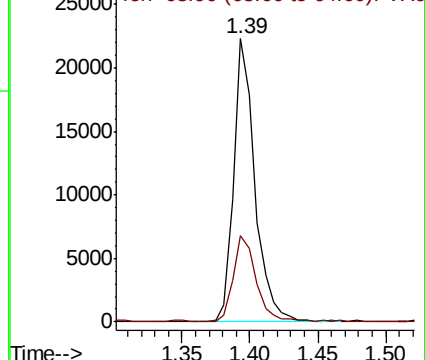
62 100

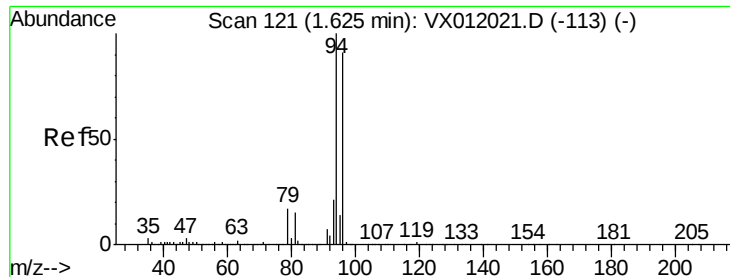
64 30.0 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.494 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

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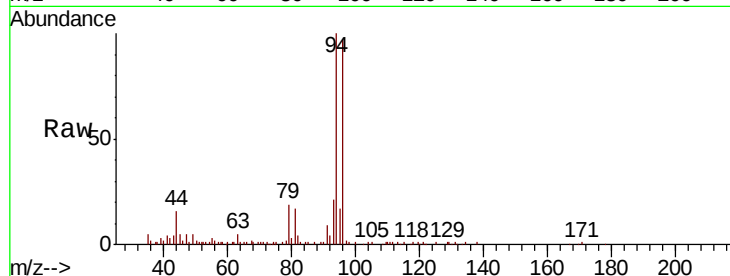
VX0903SBS01

Tgt Ion: 94 Resp: 12466

Ion Ratio Lower Upper

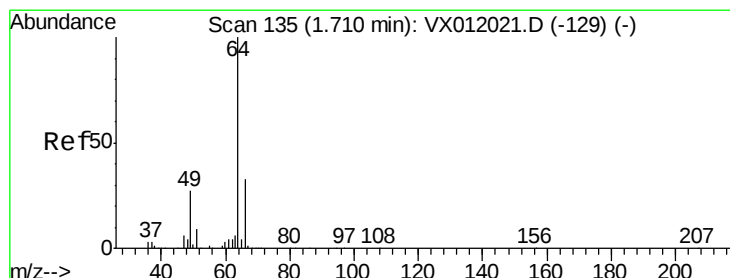
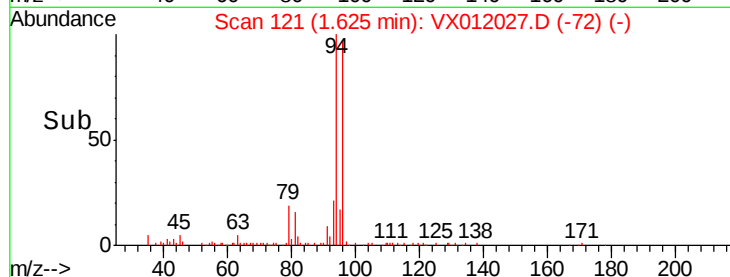
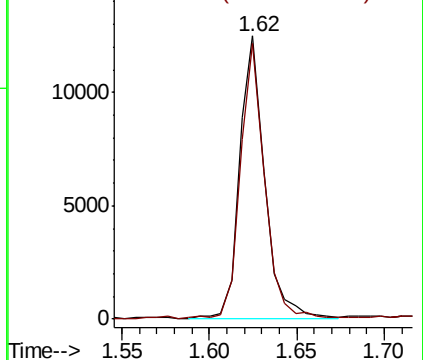
94 100

96 96.9 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.139 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012027.D

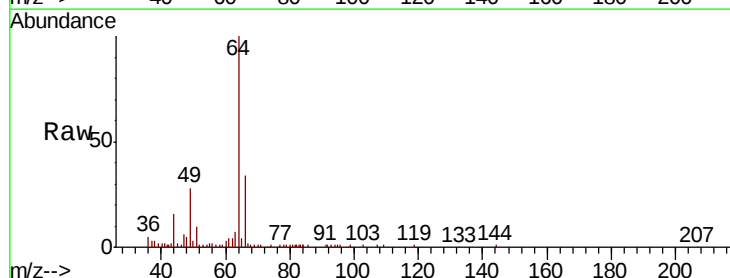
Acq: 03 Sep 2019 17:33

Tgt Ion: 64 Resp: 15337

Ion Ratio Lower Upper

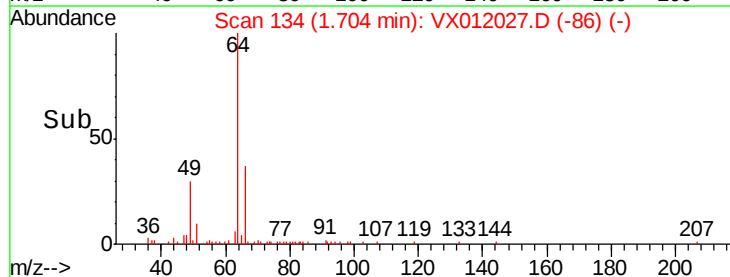
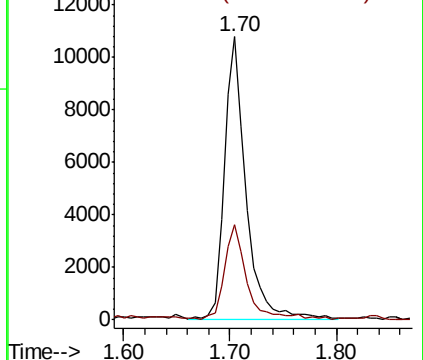
64 100

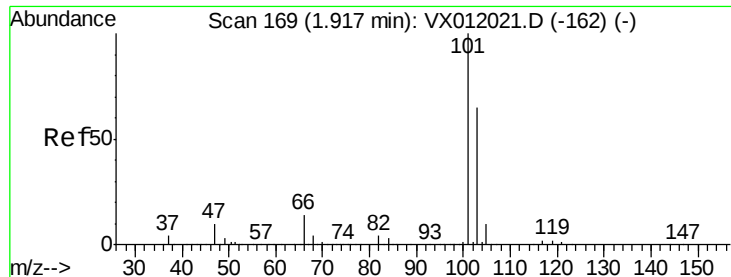
66 33.3 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



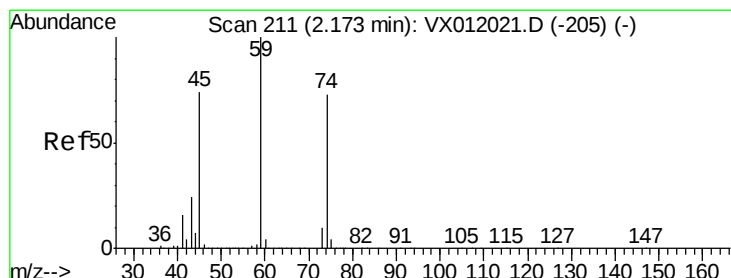
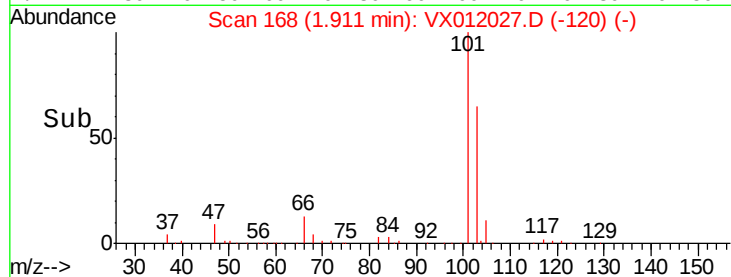
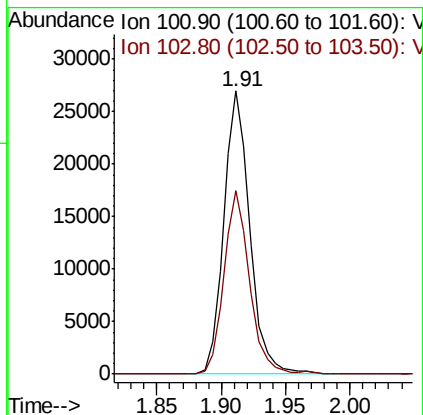
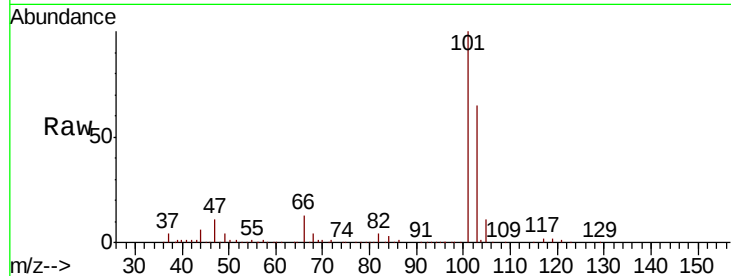


#7

Trichlorofluoromethane
 Concen: 19.167 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBS01

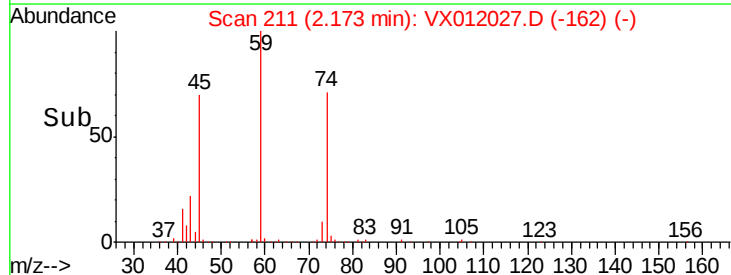
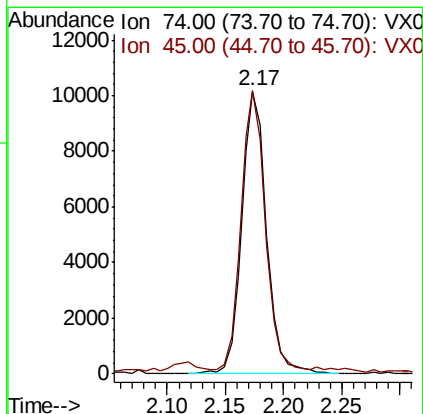
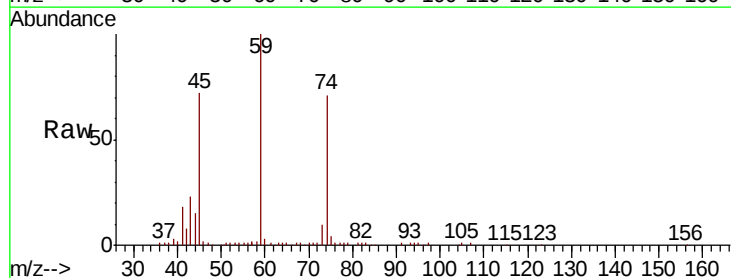
Tgt Ion: 101 Resp: 38375
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.6 77.4

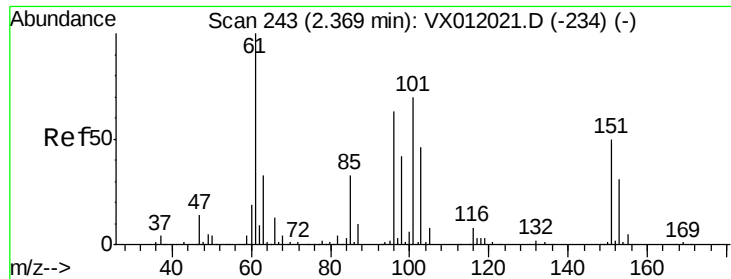


#8

Diethyl Ether
 Concen: 21.729 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

Tgt Ion: 74 Resp: 15034
 Ion Ratio Lower Upper
 74 100
 45 96.3 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.501 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX0903SBSD01

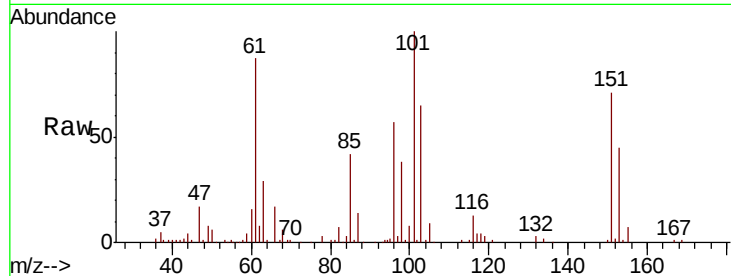
Tgt Ion:101 Resp: 28919

Ion Ratio Lower Upper

101 100

85 45.8 34.5 51.7

151 73.5 75.0 112.4#

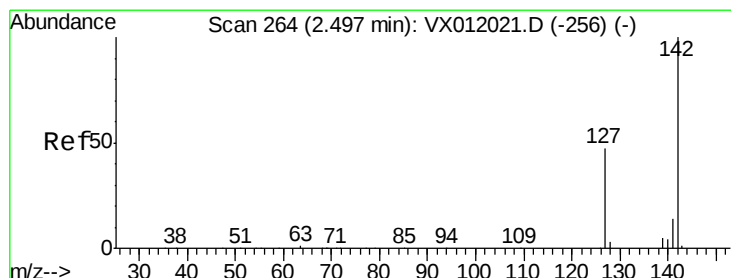
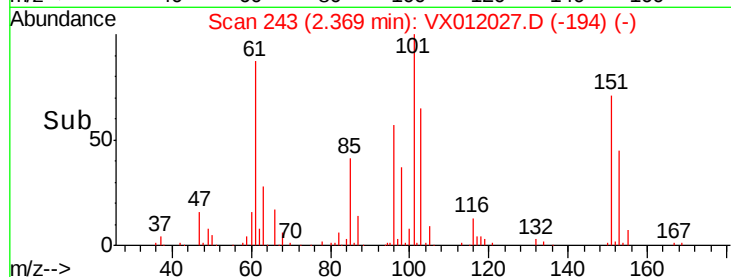
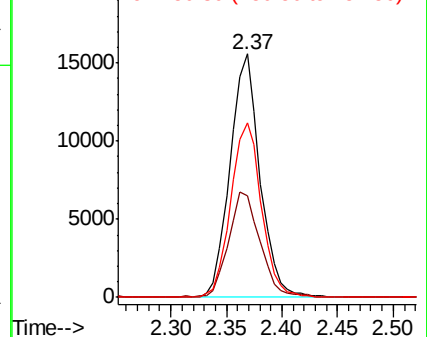


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.502 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

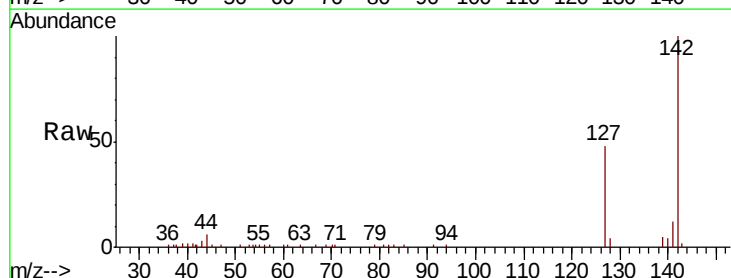
Tgt Ion:142 Resp: 18351

Ion Ratio Lower Upper

142 100

127 48.7 35.4 53.2

141 14.9 11.4 17.2

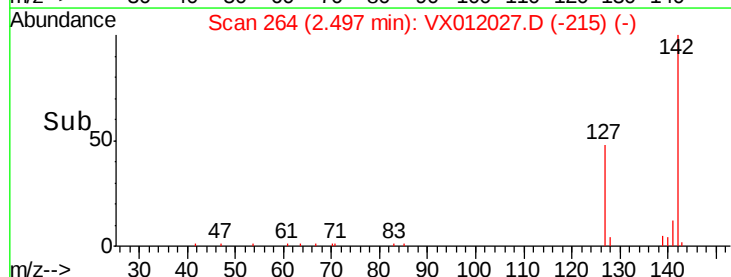
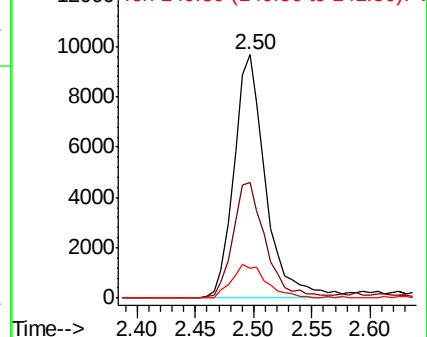


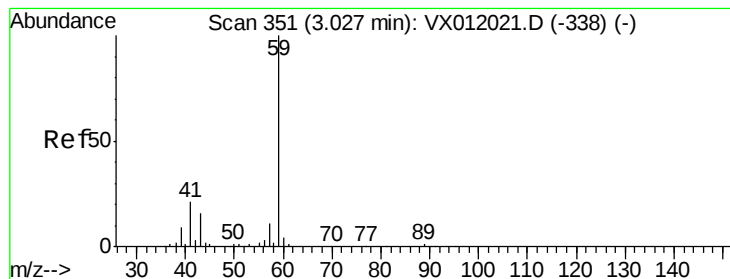
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



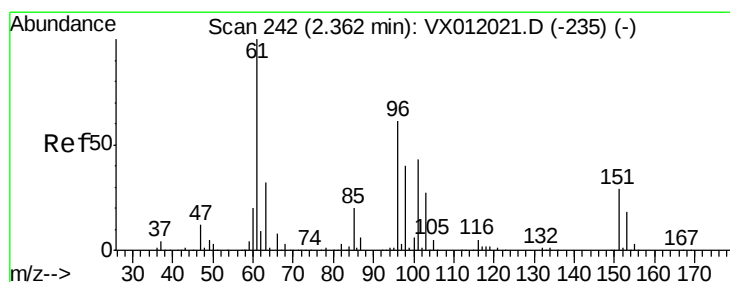
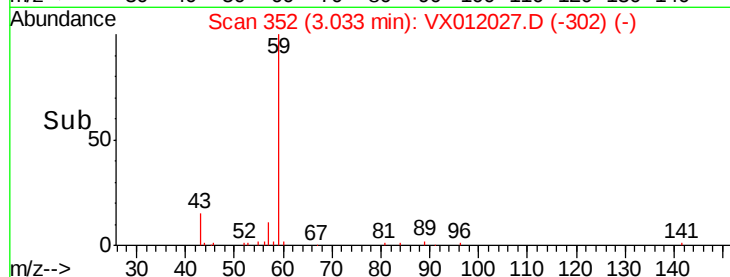
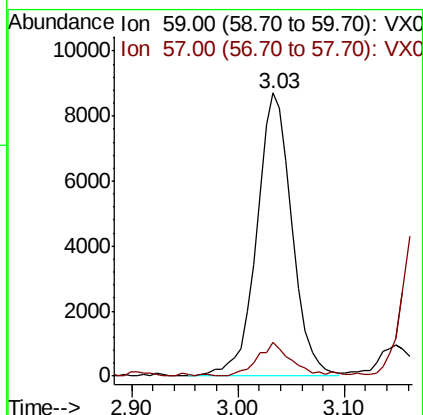
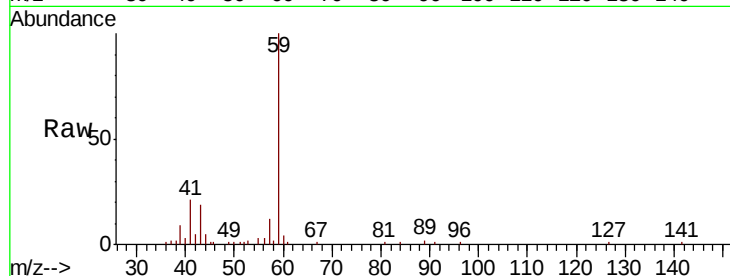


#11

Tert butyl alcohol
 Concen: 104.669 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBS01

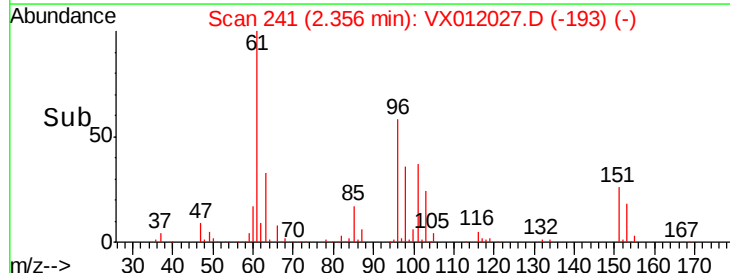
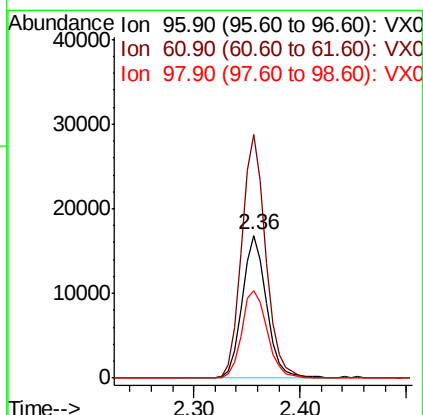
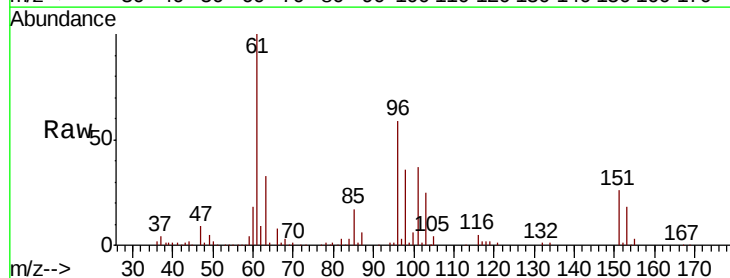
Tgt Ion: 59 Resp: 20125
 Ion Ratio Lower Upper
 59 100
 57 12.0 7.9 11.9#

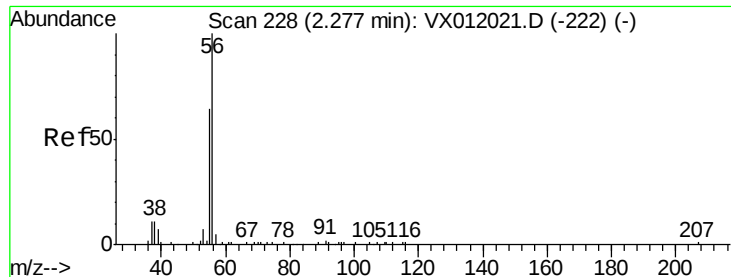


#12

1,1-Dichloroethene
 Concen: 19.029 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

Tgt Ion: 96 Resp: 27184
 Ion Ratio Lower Upper
 96 100
 61 170.4 124.1 186.1
 98 61.6 50.2 75.2





#13

Acrolein

Concen: 168.036 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

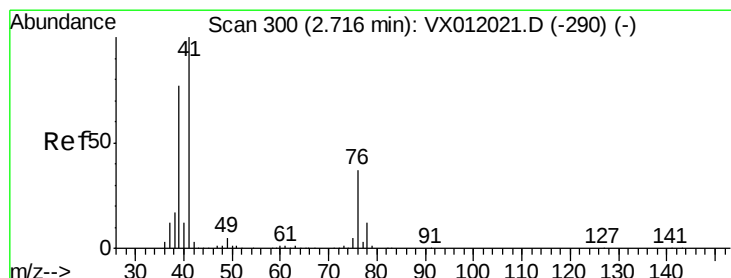
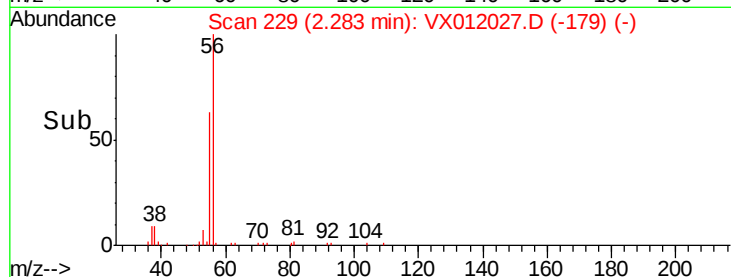
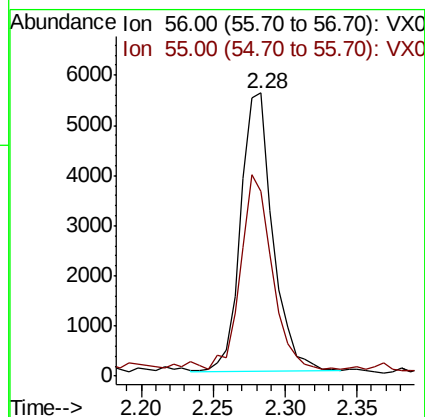
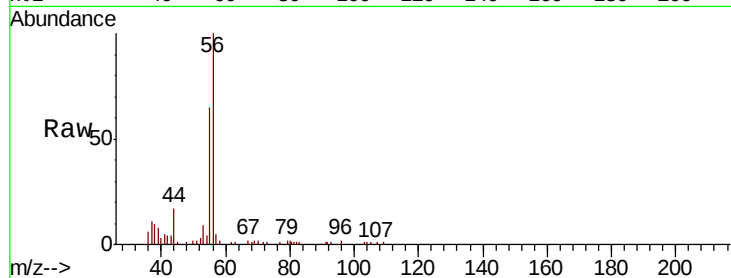
VX0903SBS01

Tgt Ion: 56 Resp: 8585

Ion Ratio Lower Upper

56 100

55 68.2 59.2 88.8



#14

Allyl chloride

Concen: 19.929 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

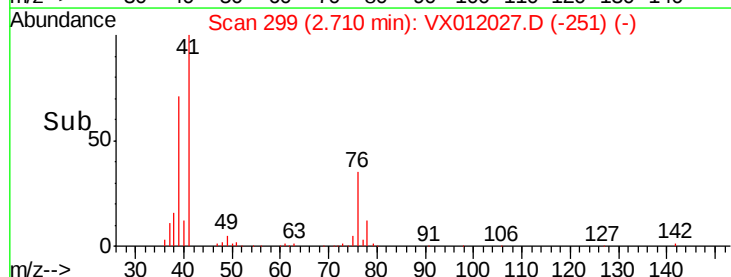
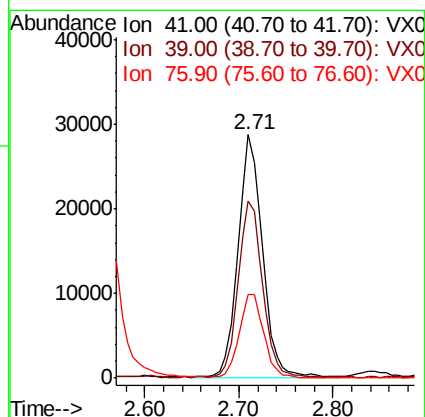
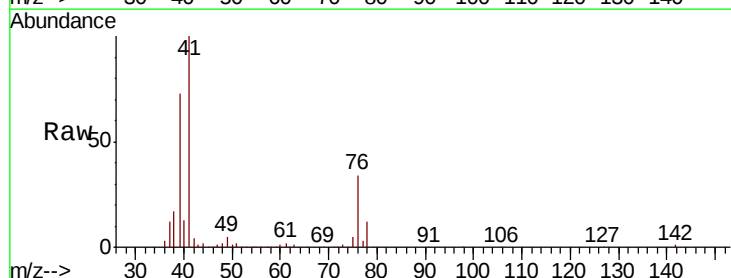
Tgt Ion: 41 Resp: 51514

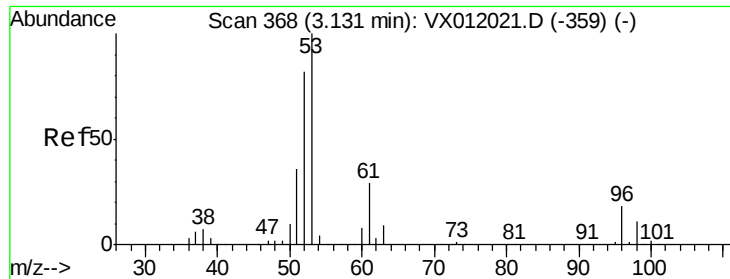
Ion Ratio Lower Upper

41 100

39 72.8 57.9 86.9

76 34.8 28.5 42.7

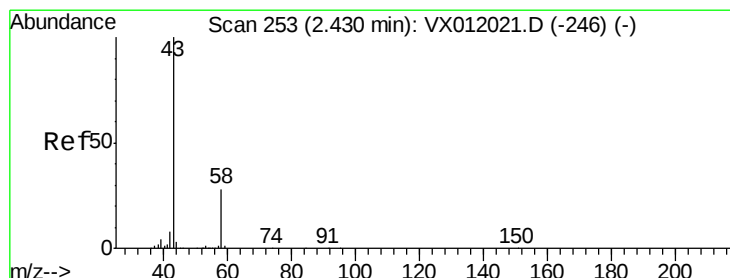
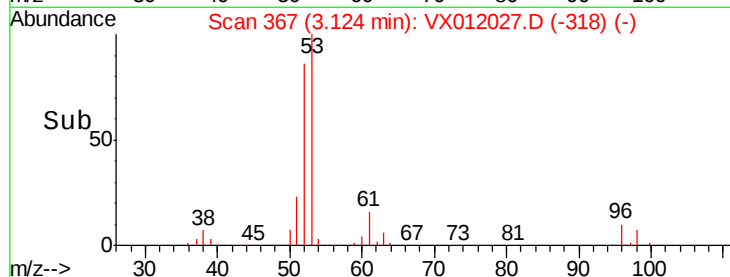
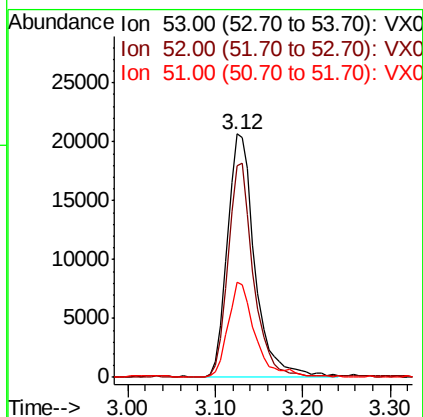
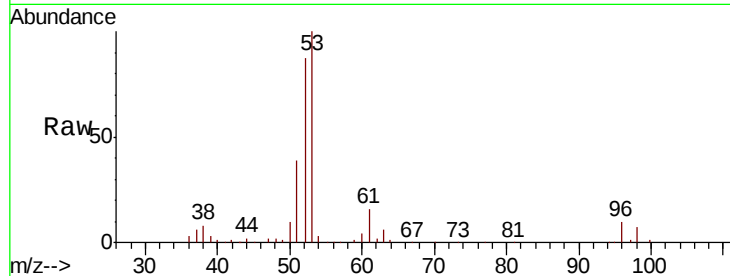




#15
 Acrylonitrile
 Concen: 104.499 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

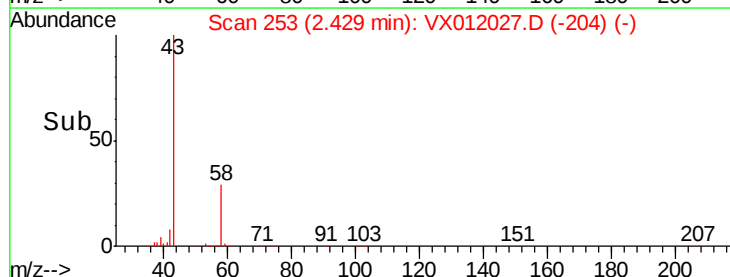
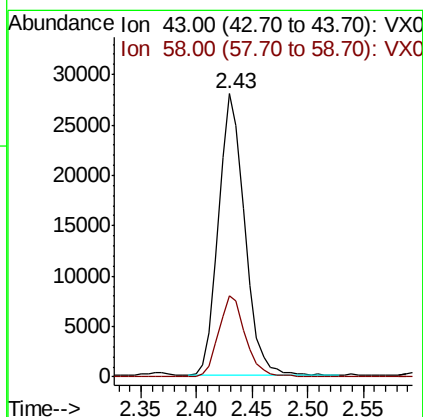
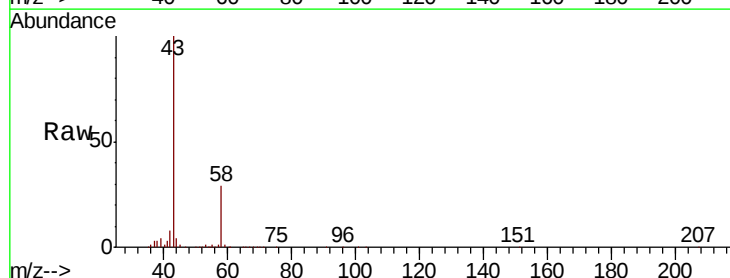
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBS01

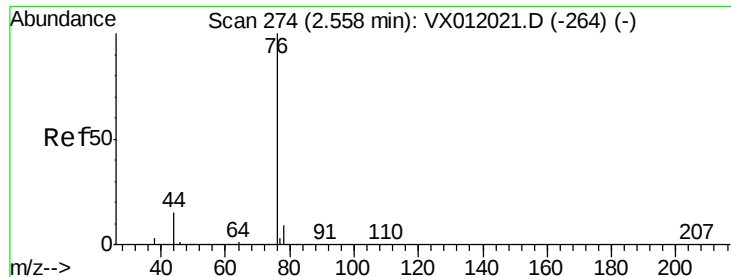
Tgt Ion: 53 Resp: 45434
 Ion Ratio Lower Upper
 53 100
 52 81.1 65.6 98.4
 51 39.1 29.8 44.6



#16
 Acetone
 Concen: 95.166 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

Tgt Ion: 43 Resp: 45534
 Ion Ratio Lower Upper
 43 100
 58 28.8 22.8 34.2





#17

Carbon Disulfide

Concen: 16.689 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

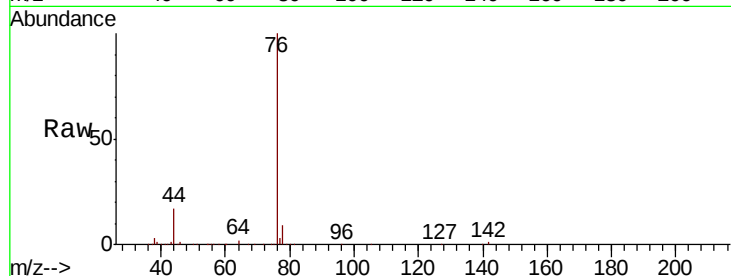
VX0903SBS01

Tgt Ion: 76 Resp: 69678

Ion Ratio Lower Upper

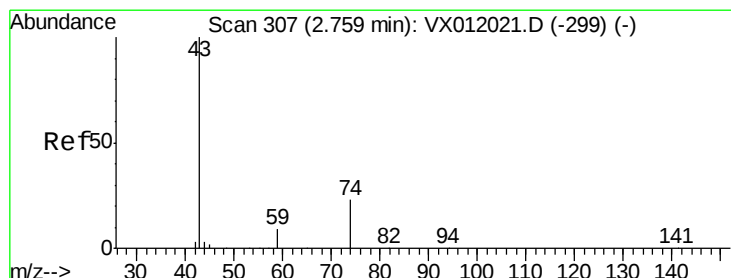
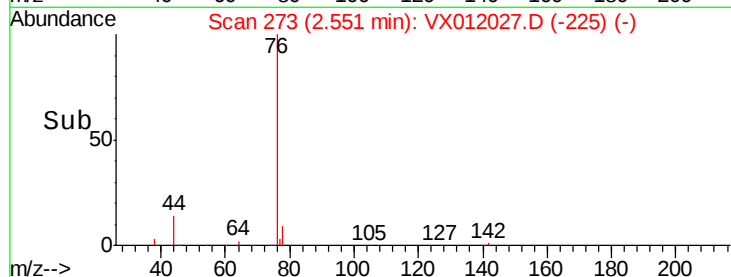
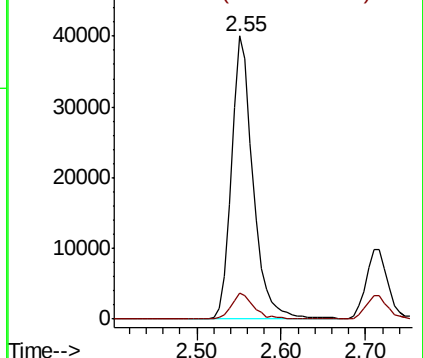
76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.704 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012027.D

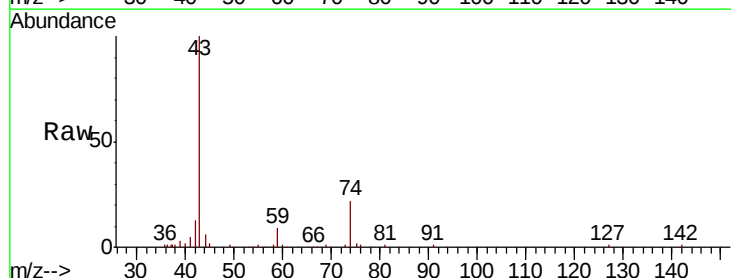
Acq: 03 Sep 2019 17:33

Tgt Ion: 43 Resp: 23337

Ion Ratio Lower Upper

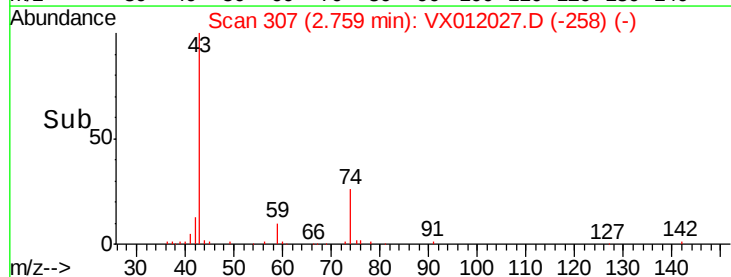
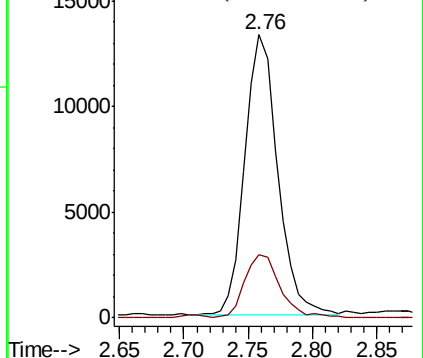
43 100

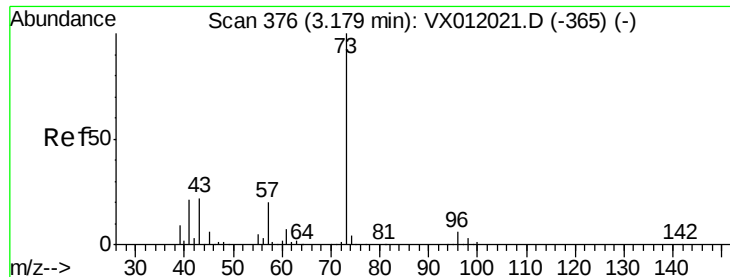
74 24.6 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

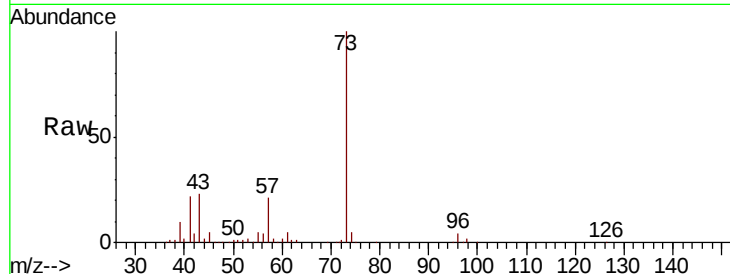




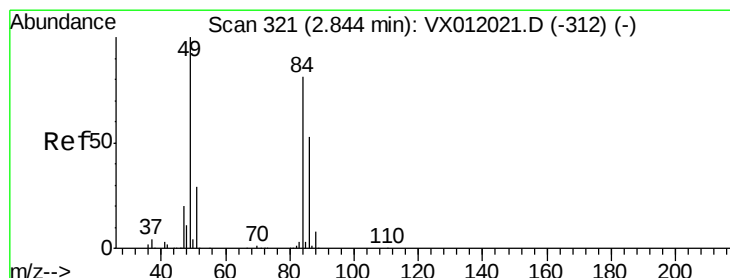
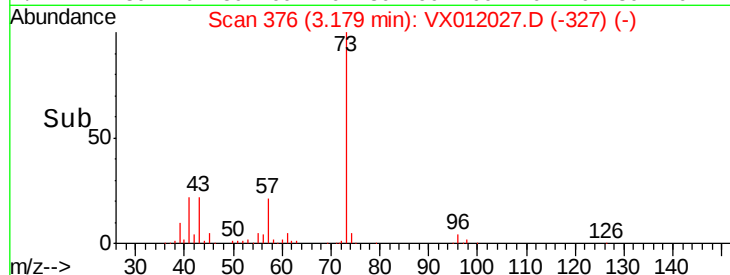
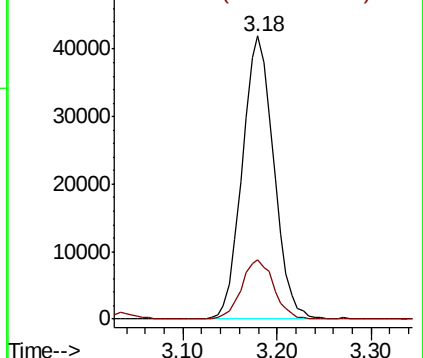
#19
Methyl tert-butyl Ether
Concen: 20.983 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012027.D
Acq: 03 Sep 2019 17:33

Instrument :
MSVOA_X
ClientSampleId :
VX0903SBSD01

Tgt Ion: 73 Resp: 97591
Ion Ratio Lower Upper
73 100
57 21.1 16.6 25.0

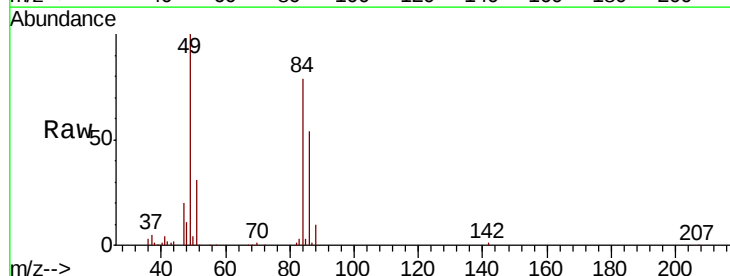


Abundance Ion 73.00 (72.70 to 73.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

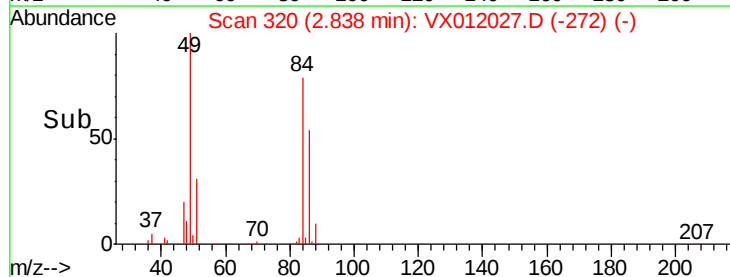
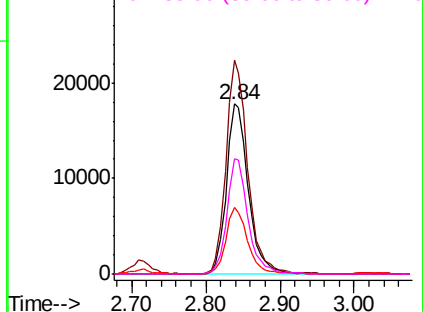


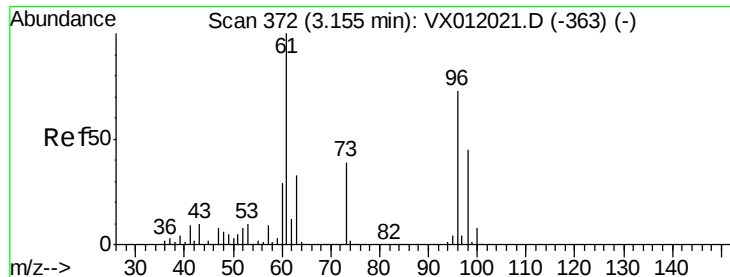
#20
Methylene Chloride
Concen: 19.055 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX012027.D
Acq: 03 Sep 2019 17:33

Tgt Ion: 84 Resp: 36612
Ion Ratio Lower Upper
84 100
49 125.8 95.8 143.8
51 39.5 28.6 43.0
86 68.2 50.9 76.3



Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 19.139 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX0903SBS01

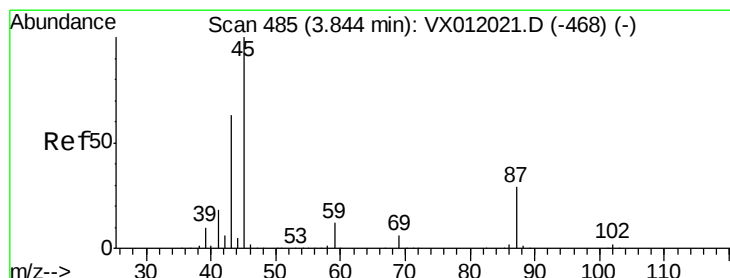
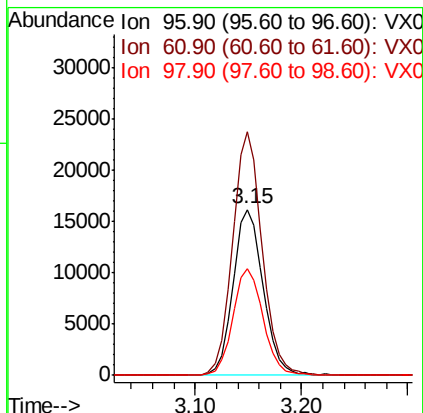
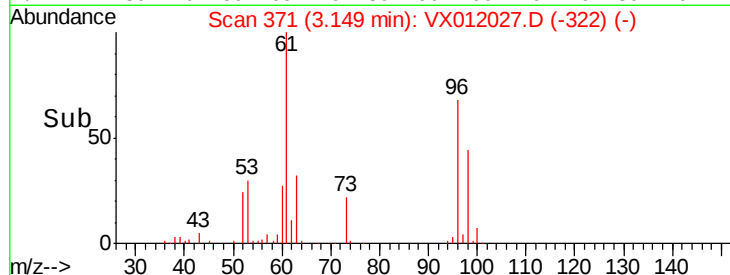
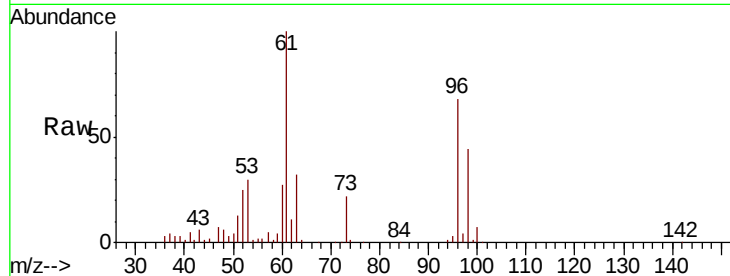
Tgt Ion: 96 Resp: 32084

Ion Ratio Lower Upper

96 100

61 146.8 107.0 160.6

98 64.5 49.8 74.6



#22

Diisopropyl ether

Concen: 20.923 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

Tgt Ion: 45 Resp: 110240

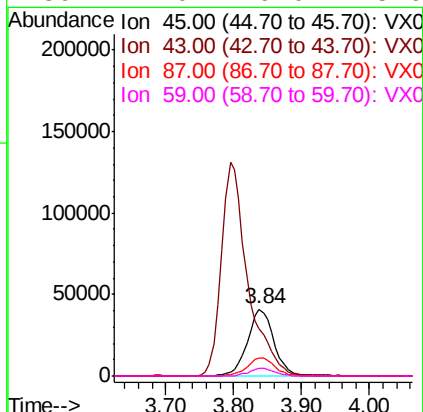
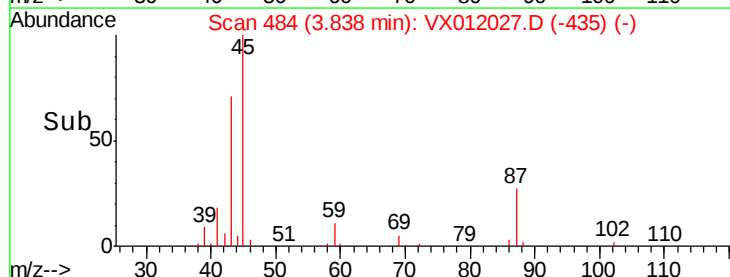
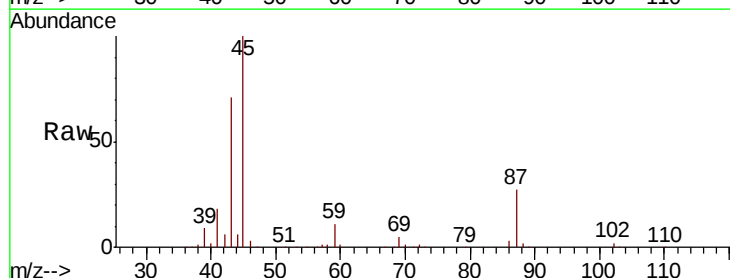
Ion Ratio Lower Upper

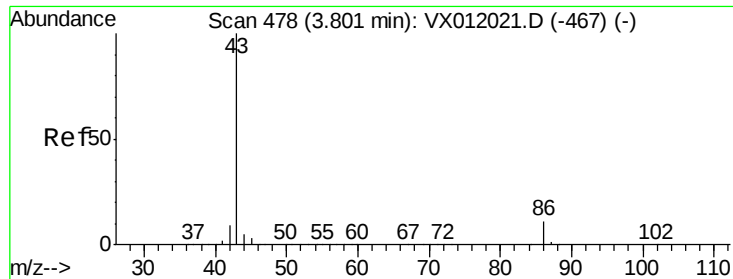
45 100

43 70.6 54.2 81.4

87 27.4 23.4 35.0

59 11.0 9.0 13.6





#23

Vinyl Acetate

Concen: 103.769 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

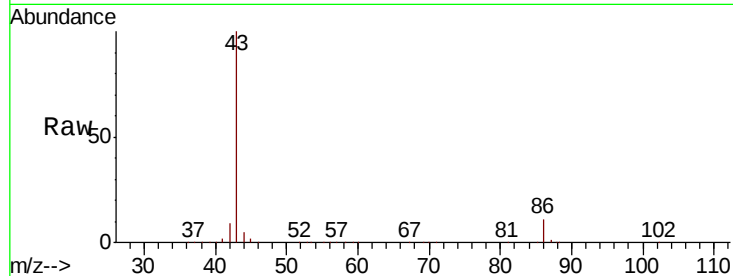
VX0903SBS01

Tgt Ion: 43 Resp: 353679

Ion Ratio Lower Upper

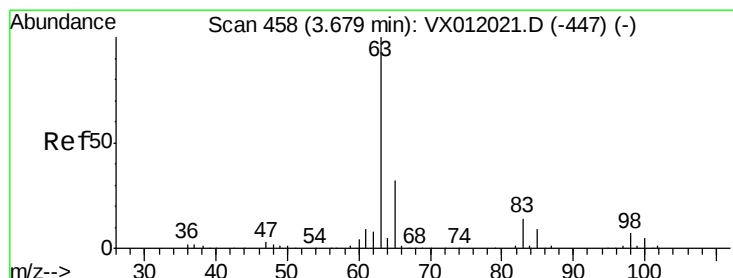
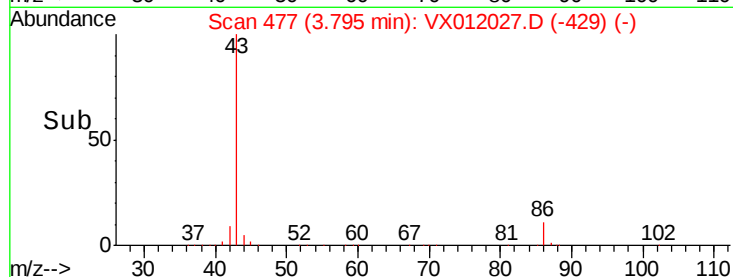
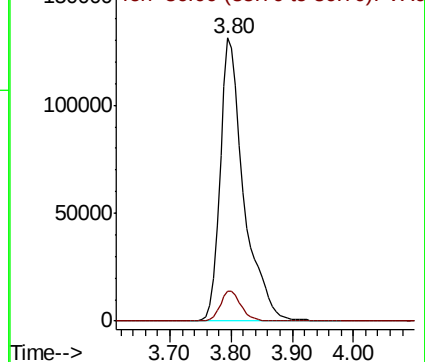
43 100

86 10.7 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.089 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

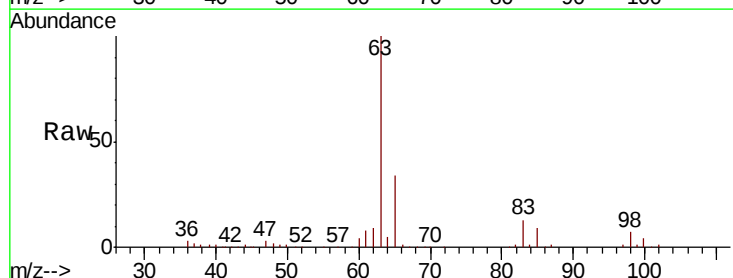
Tgt Ion: 63 Resp: 61387

Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.7

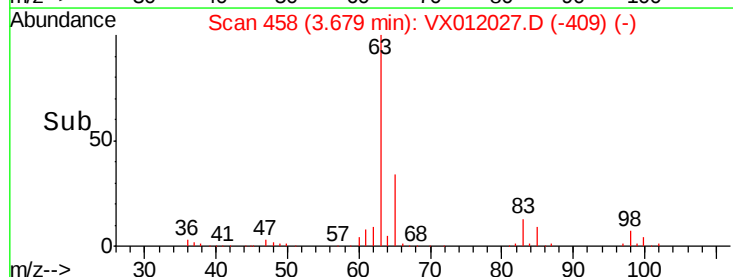
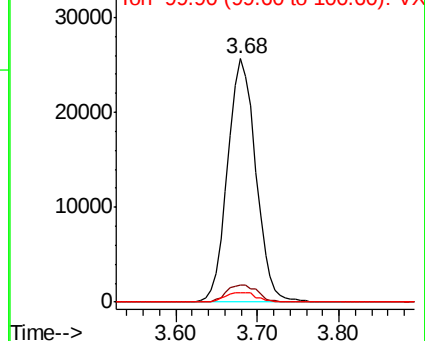
100 3.8 2.5 7.4

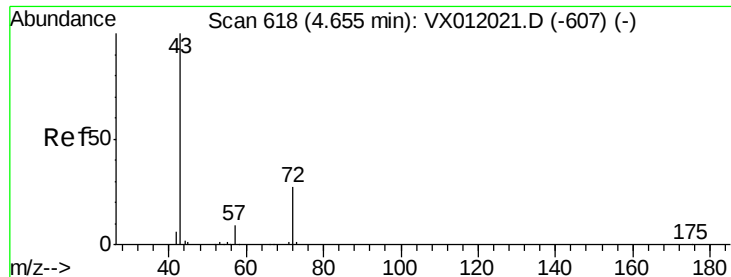


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 102.540 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

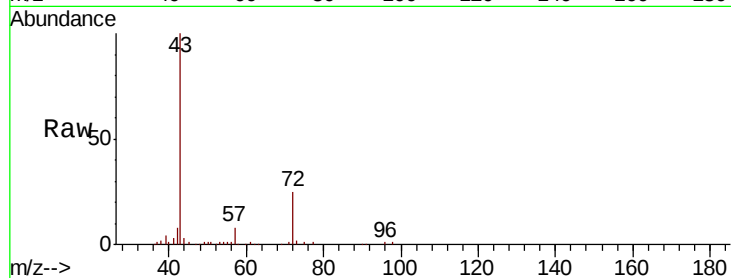
VX0903SBS01

Tgt Ion: 43 Resp: 62453

Ion Ratio Lower Upper

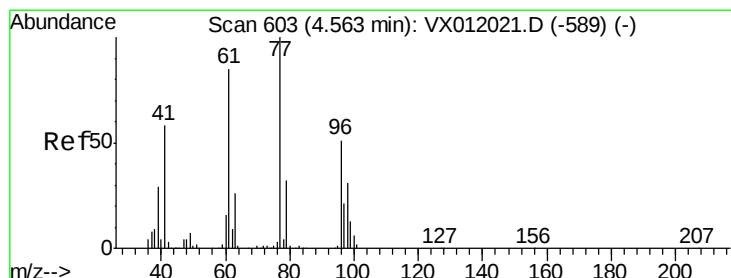
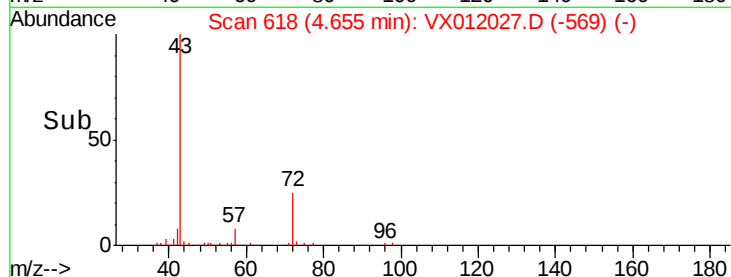
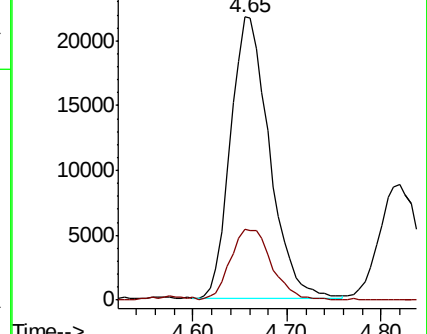
43 100

72 24.7 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.548 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012027.D

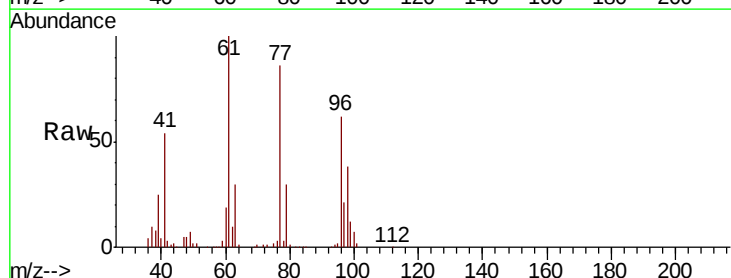
Acq: 03 Sep 2019 17:33

Tgt Ion: 77 Resp: 55150

Ion Ratio Lower Upper

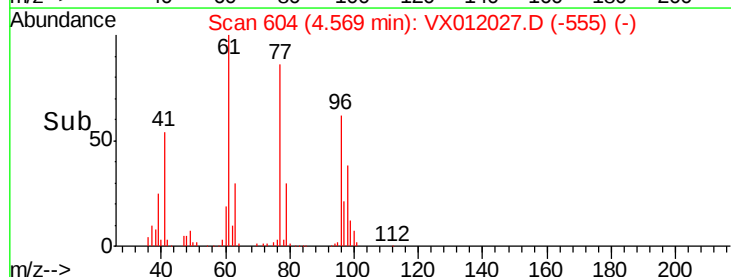
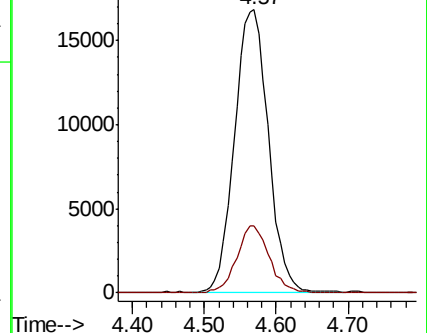
77 100

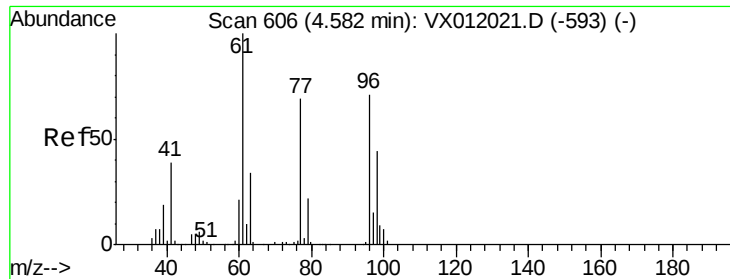
97 22.6 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



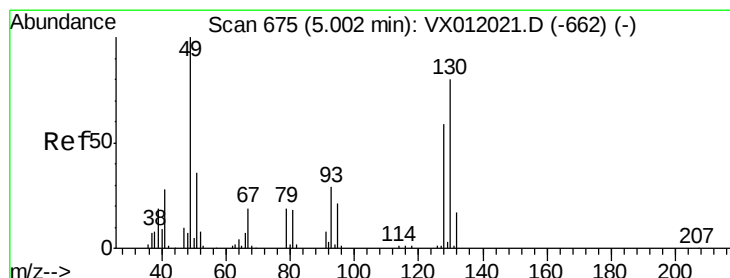
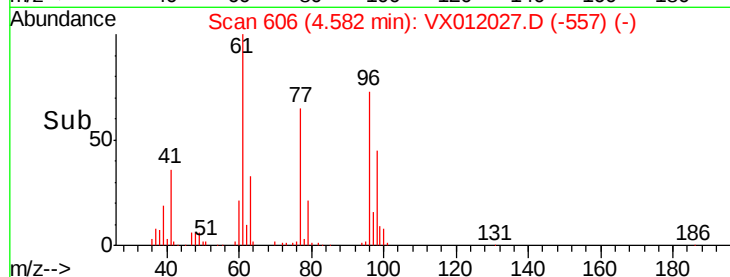
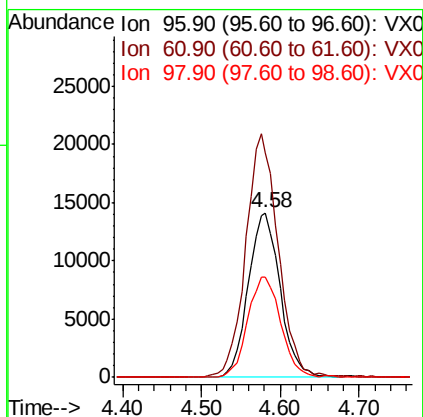
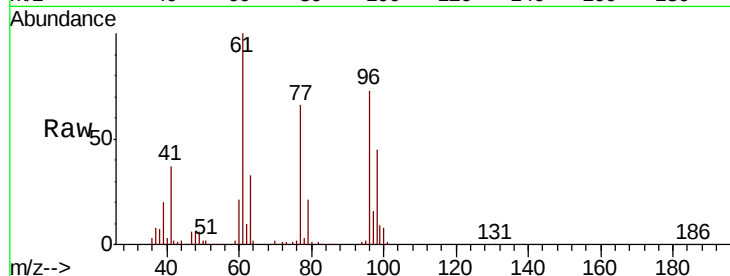


#27

cis-1,2-Dichloroethene
 Concen: 20.182 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBS01

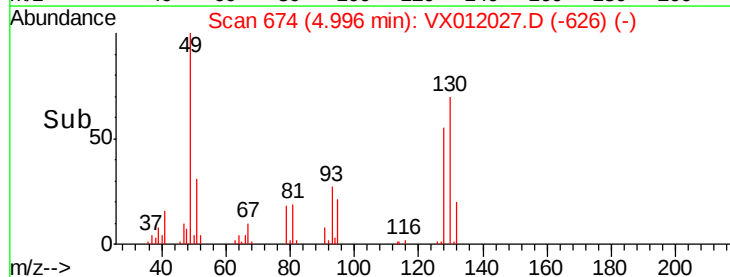
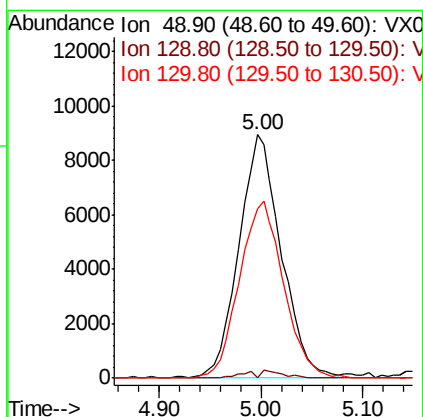
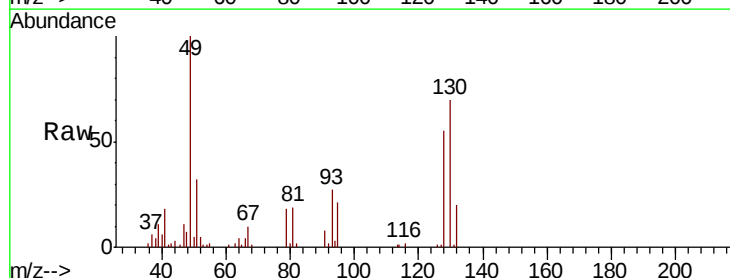
Tgt Ion: 96 Resp: 39660
 Ion Ratio Lower Upper
 96 100
 61 150.1 0.0 277.0
 98 63.0 0.0 128.4

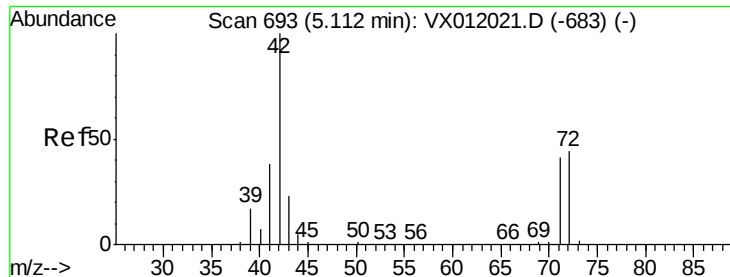


#28

Bromochloromethane
 Concen: 21.103 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

Tgt Ion: 49 Resp: 25741
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 5.6
 130 75.8 76.7 115.1#

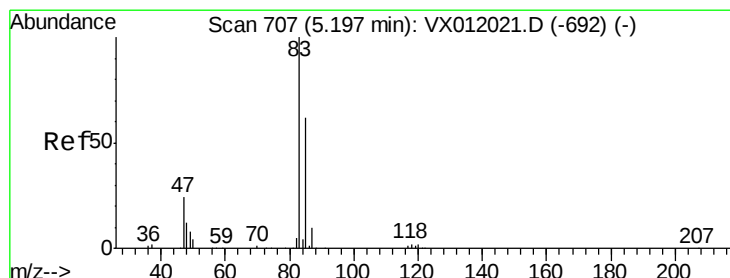
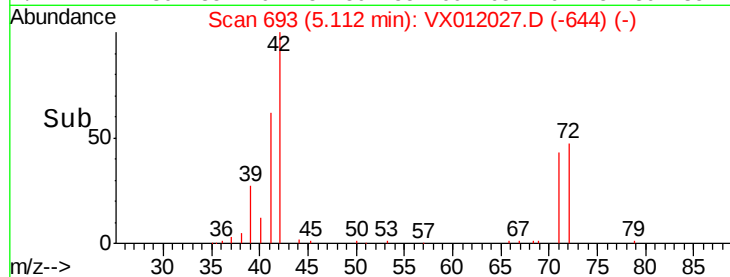
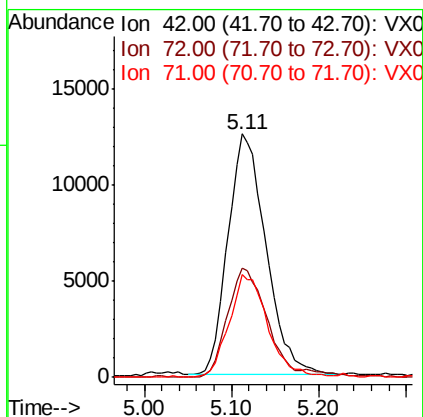
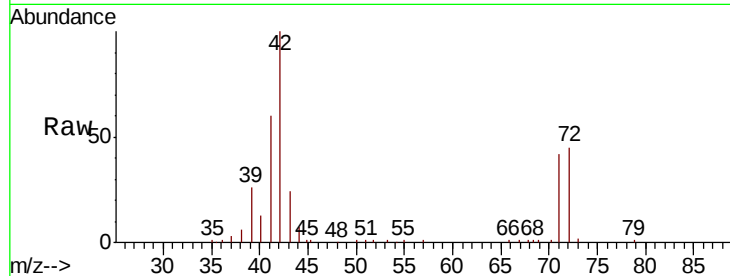




#29
Tetrahydrofuran
Concen: 103.595 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012027.D
Acq: 03 Sep 2019 17:33

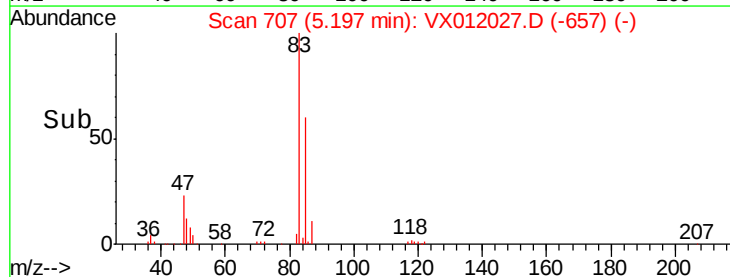
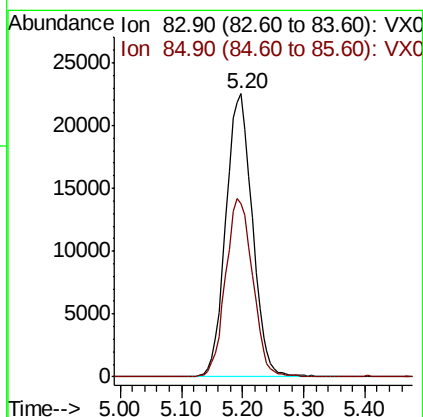
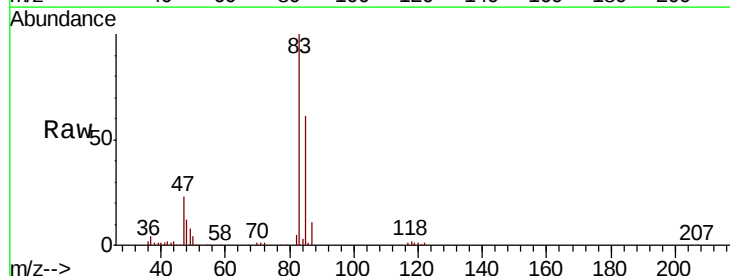
Instrument :
MSVOA_X
ClientSampleId :
VX0903SBSD01

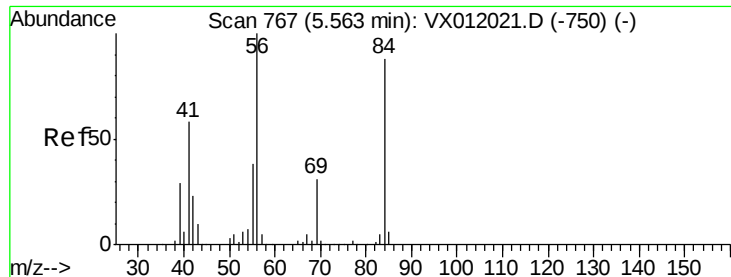
Tgt Ion: 42 Resp: 38015
Ion Ratio Lower Upper
42 100
72 48.2 37.0 55.4
71 43.2 33.8 50.8



#30
Chloroform
Concen: 20.514 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.01 min
Lab File: VX012027.D
Acq: 03 Sep 2019 17:33

Tgt Ion: 83 Resp: 67263
Ion Ratio Lower Upper
83 100
85 61.4 52.6 78.8

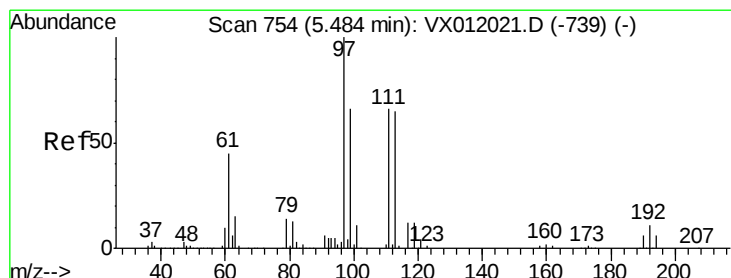
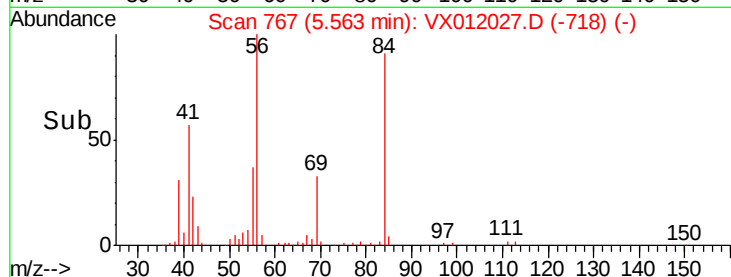
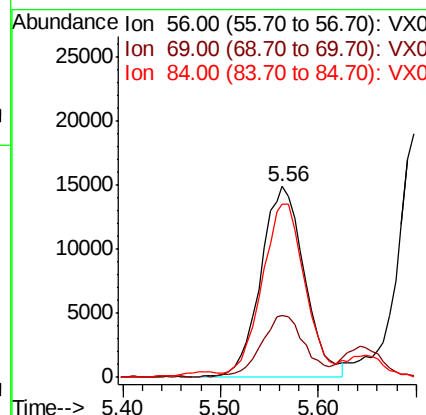
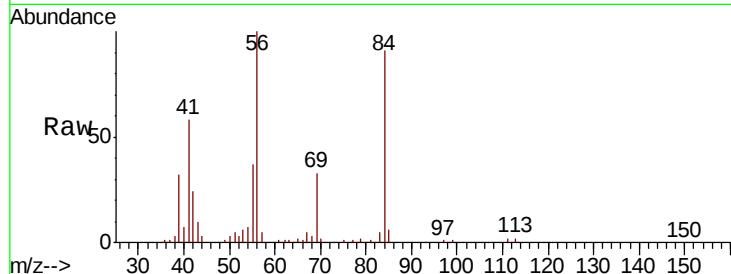




#31
Cyclohexane
Concen: 18.912 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX012027.D
Acq: 03 Sep 2019 17:33

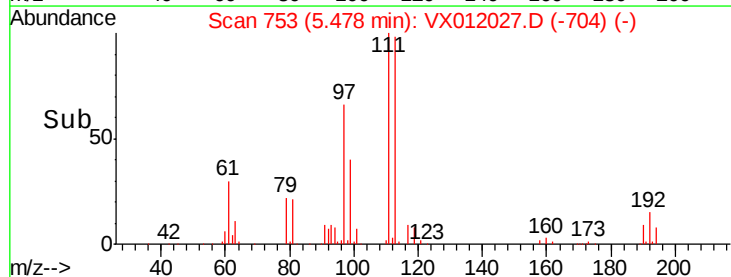
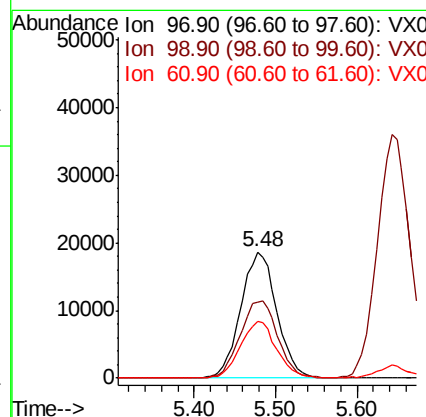
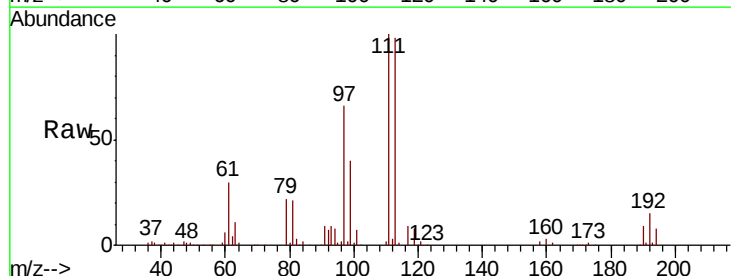
Instrument :
MSVOA_X
ClientSampleId :
VX0903SBS01

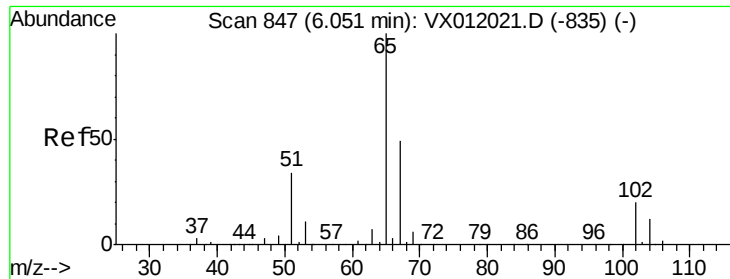
Tgt Ion: 56 Resp: 46413
Ion Ratio Lower Upper
56 100
69 32.1 25.7 38.5
84 88.3 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 19.957 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX012027.D
Acq: 03 Sep 2019 17:33

Tgt Ion: 97 Resp: 56991
Ion Ratio Lower Upper
97 100
99 64.2 52.1 78.1
61 45.3 32.8 49.2

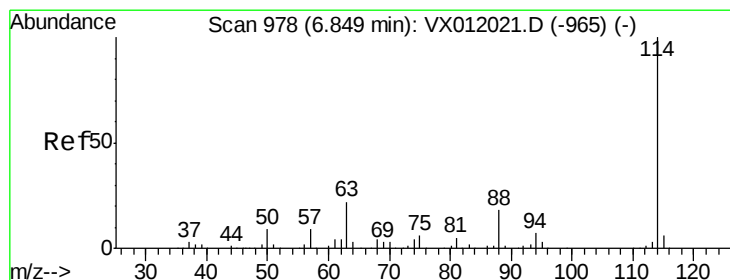
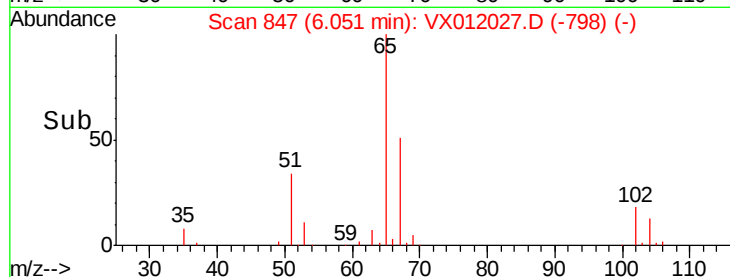
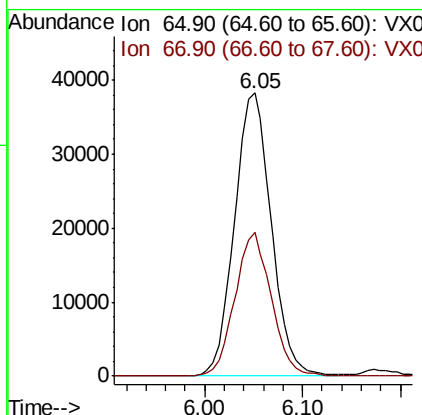
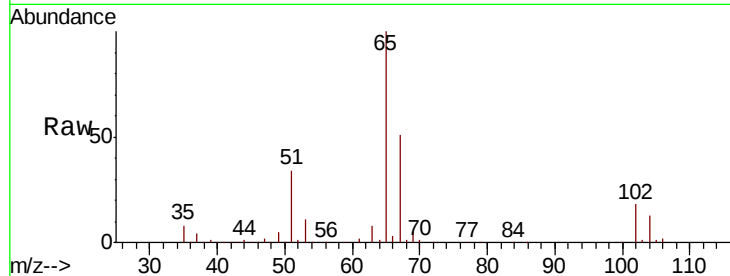




#33
 1,2-Dichloroethane-d4
 Concen: 49.963 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

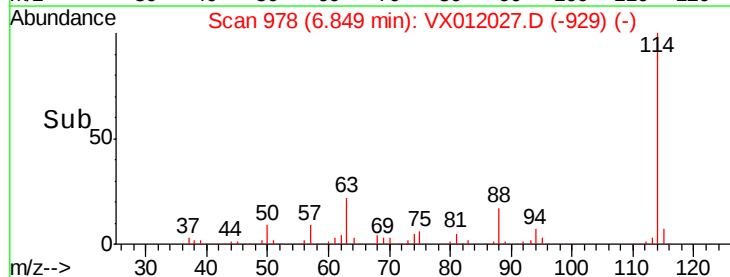
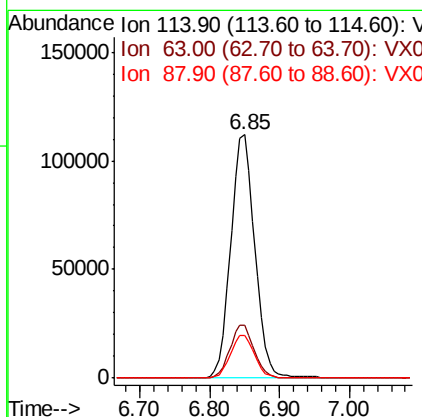
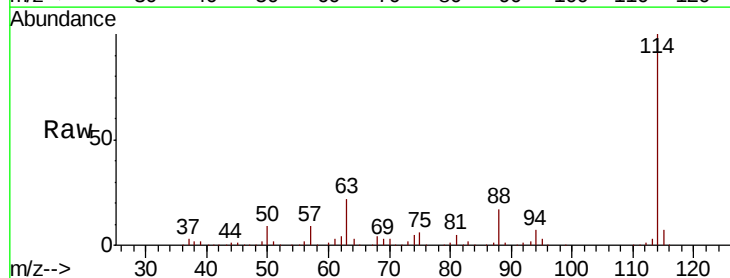
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBS01

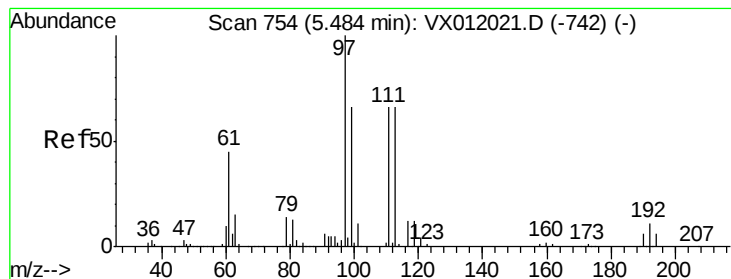
Tgt Ion: 65 Resp: 100015
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

Tgt Ion: 114 Resp: 268499
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 37.4
 88 17.4 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.639 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX0903SBSD01

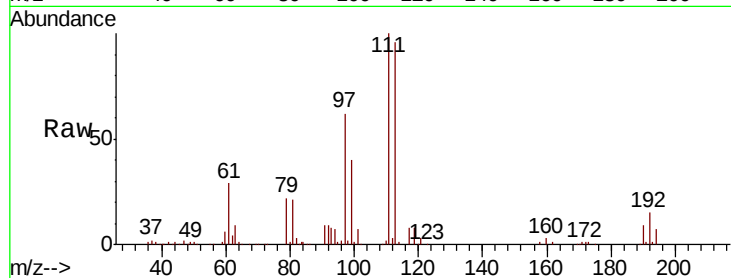
Tgt Ion:113 Resp: 80312

Ion Ratio Lower Upper

113 100

111 102.8 81.7 122.5

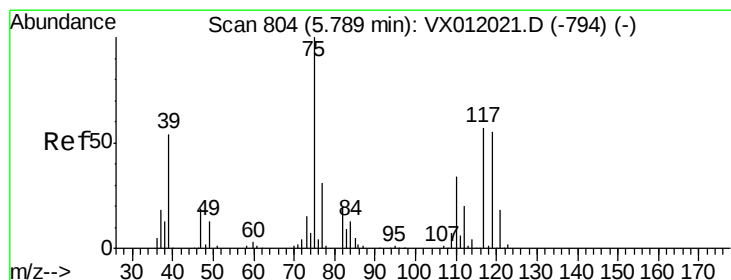
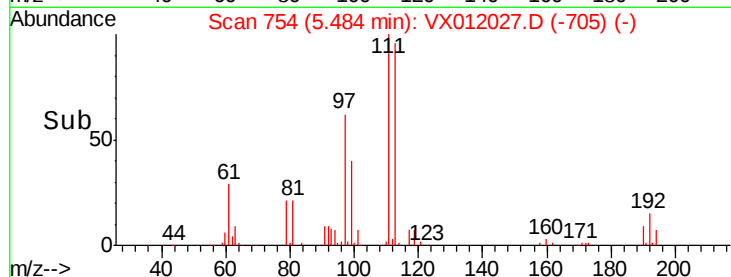
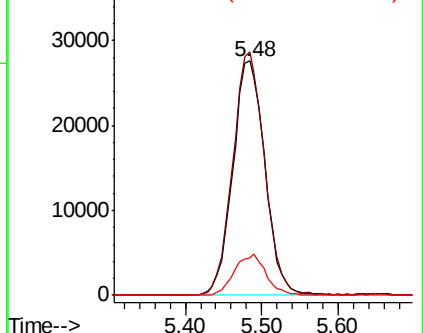
192 17.1 22.5 33.7#



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.477 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

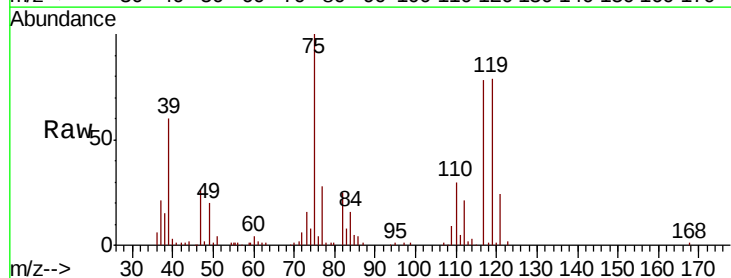
Tgt Ion: 75 Resp: 43695

Ion Ratio Lower Upper

75 100

110 34.4 19.5 58.5

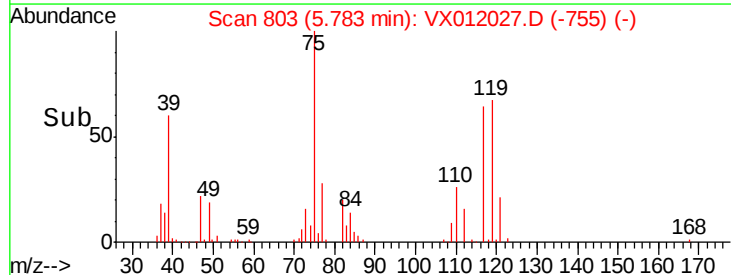
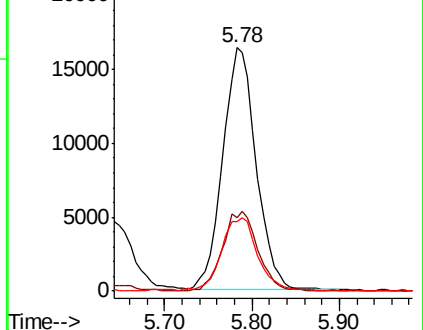
77 33.0 24.6 37.0

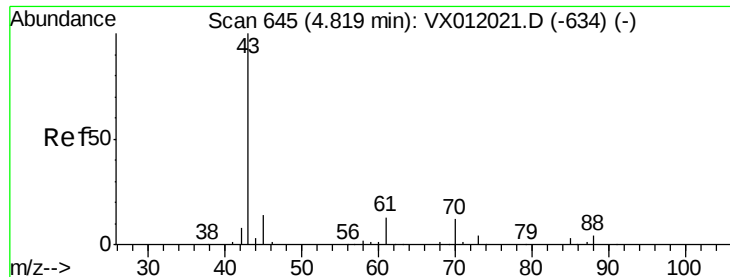


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 20.756 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.01 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX0903SBSD01

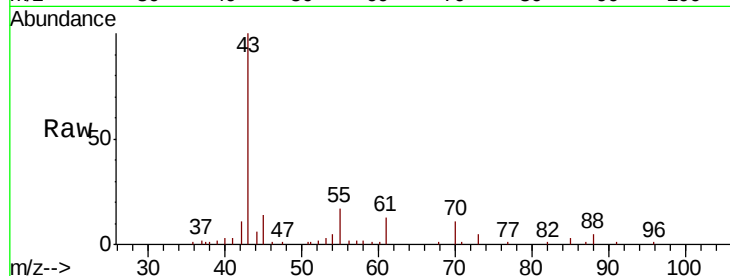
Tgt Ion: 43 Resp: 26691

Ion Ratio Lower Upper

43 100

61 15.2 10.9 16.3

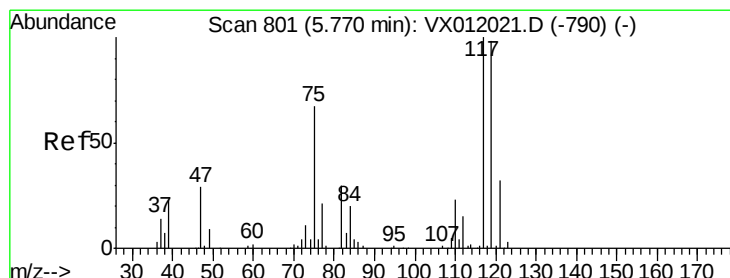
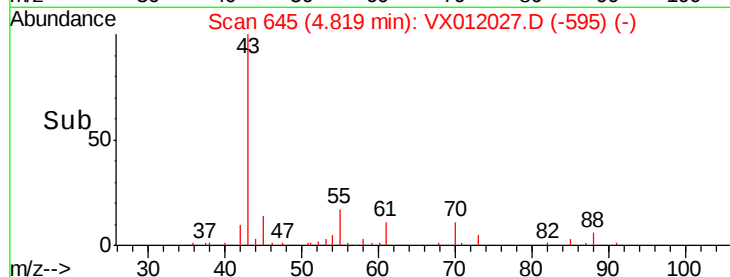
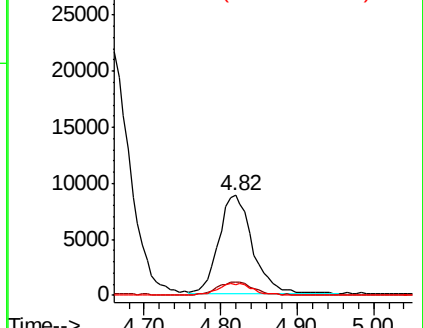
70 12.7 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 18.902 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.00 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

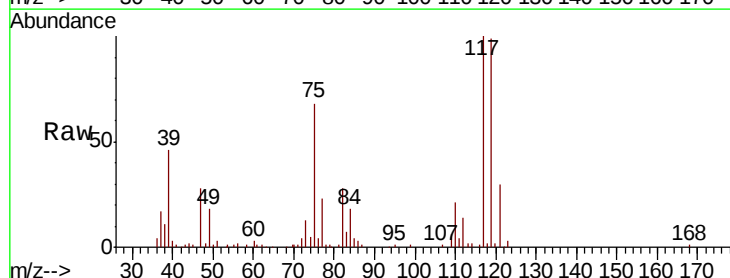
Tgt Ion: 117 Resp: 47101

Ion Ratio Lower Upper

117 100

119 98.8 78.3 117.5

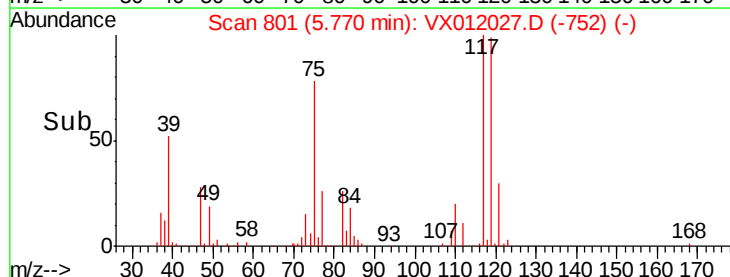
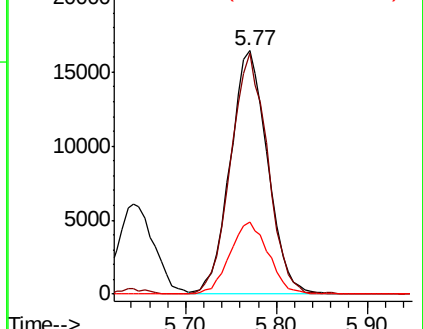
121 29.7 24.2 36.2

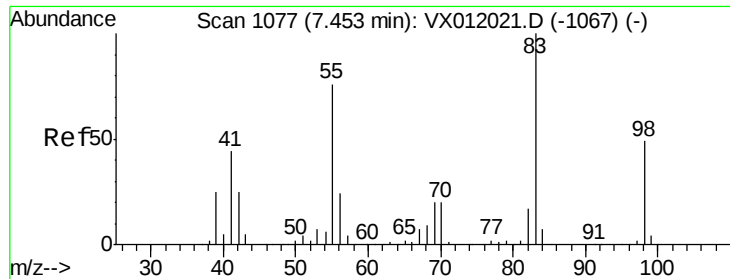


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

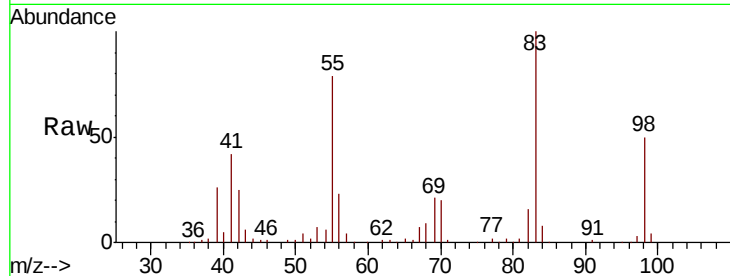




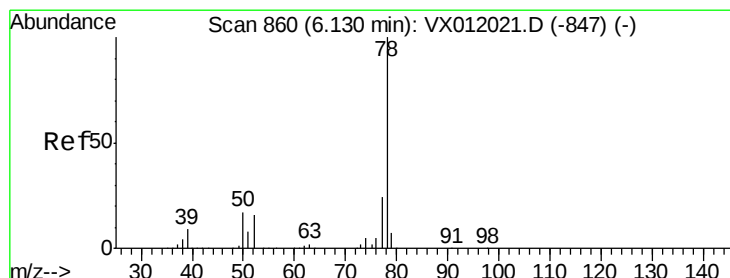
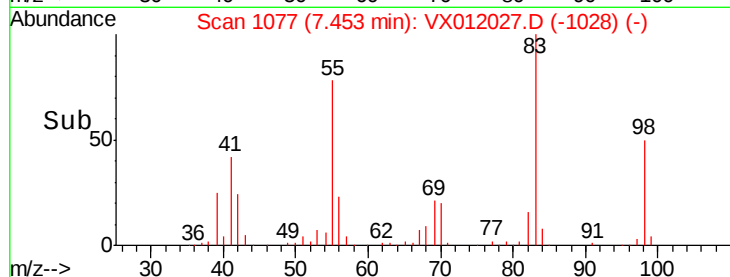
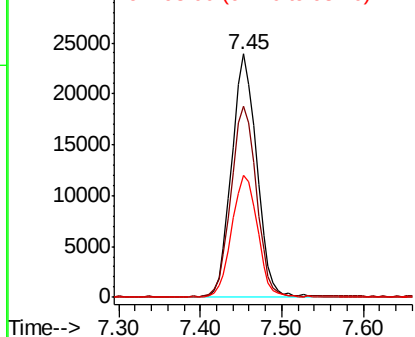
#39
Methylcyclohexane
Concen: 18.598 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012027.D
Acq: 03 Sep 2019 17:33

Instrument :
MSVOA_X
ClientSampleId :
VX0903SBS01

Tgt Ion: 83 Resp: 51044
Ion Ratio Lower Upper
83 100
55 78.5 59.6 89.4
98 50.0 41.4 62.0

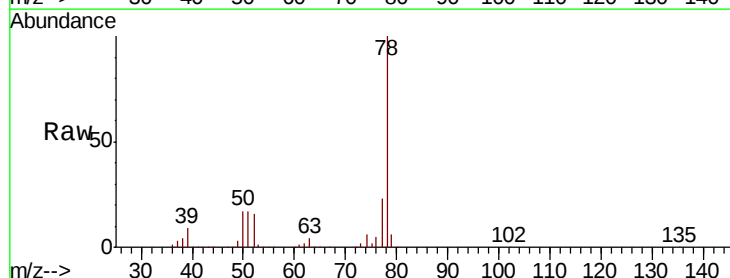


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

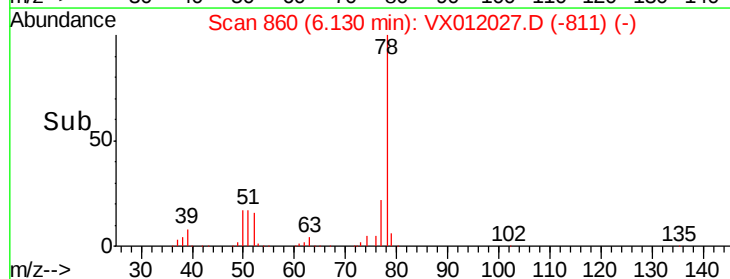
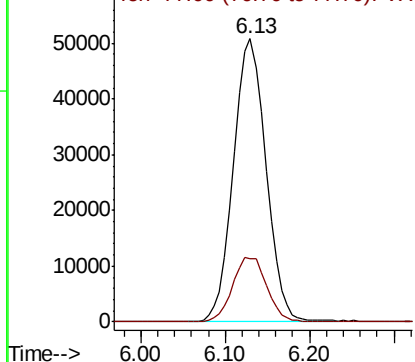


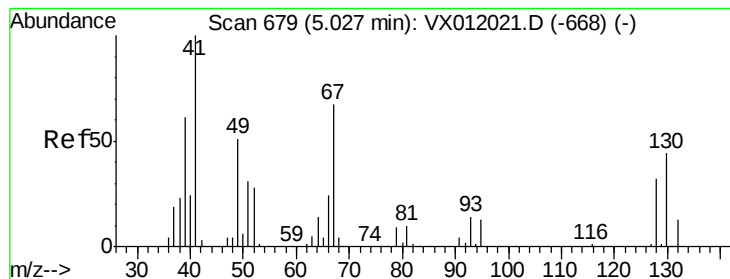
#40
Benzene
Concen: 19.712 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012027.D
Acq: 03 Sep 2019 17:33

Tgt Ion: 78 Resp: 133823
Ion Ratio Lower Upper
78 100
77 22.4 19.3 28.9



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





#41

Methacrylonitrile

Concen: 21.281 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX0903SBSD01

Tgt Ion: 41 Resp: 16320

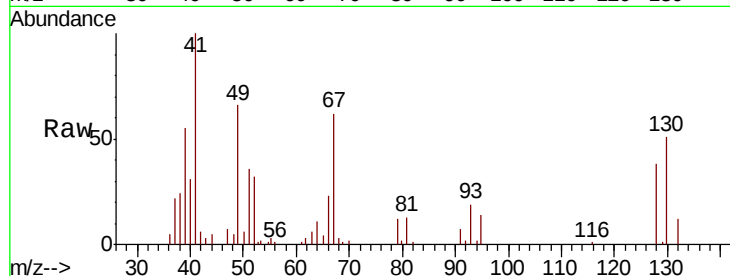
Ion Ratio Lower Upper

41 100

39 52.3 46.7 70.1

67 70.9 57.0 85.6

52 31.7 23.5 35.3



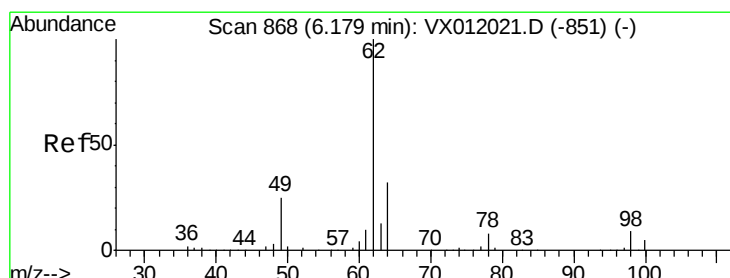
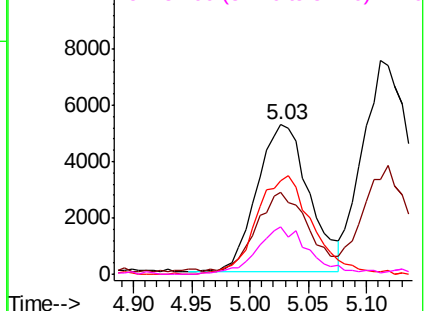
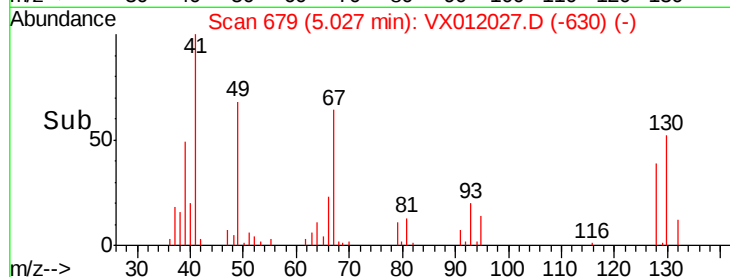
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.332 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX012027.D

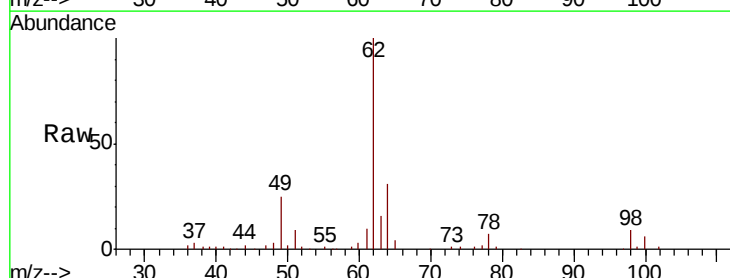
Acq: 03 Sep 2019 17:33

Tgt Ion: 62 Resp: 49673

Ion Ratio Lower Upper

62 100

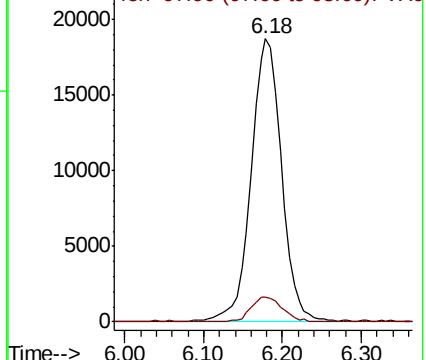
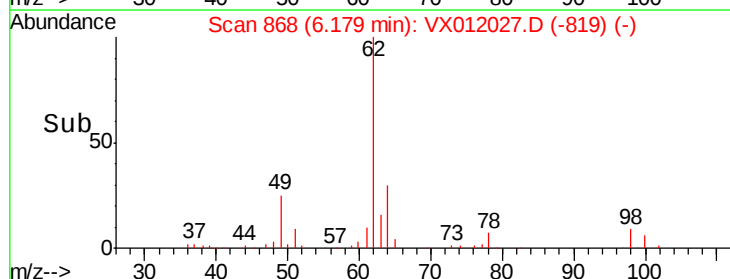
98 9.2 0.0 19.2

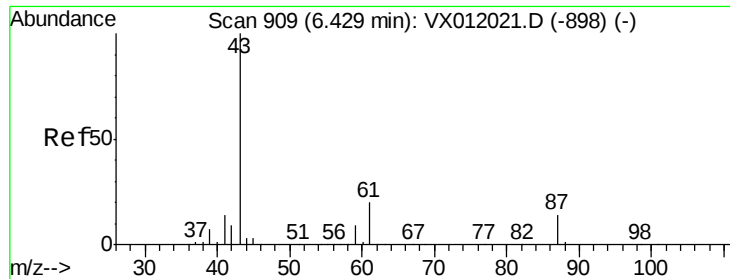


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

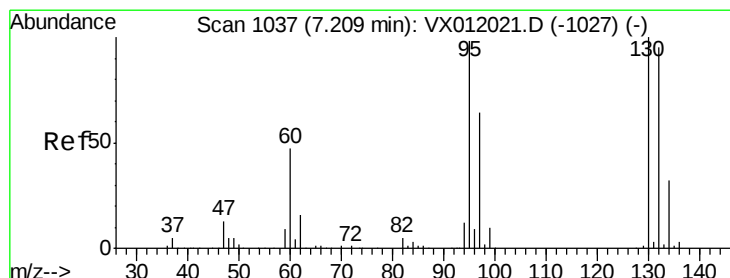
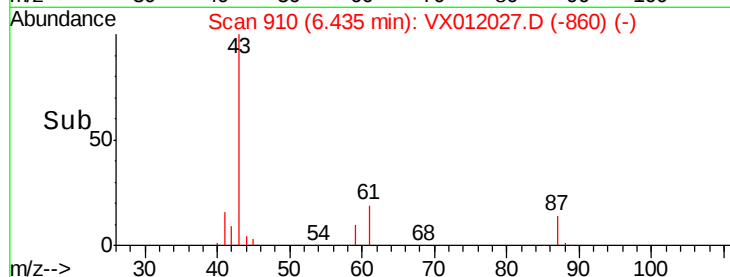
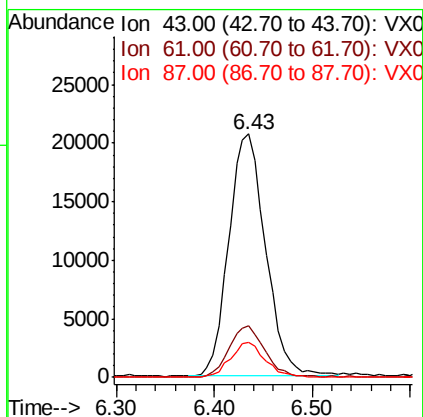
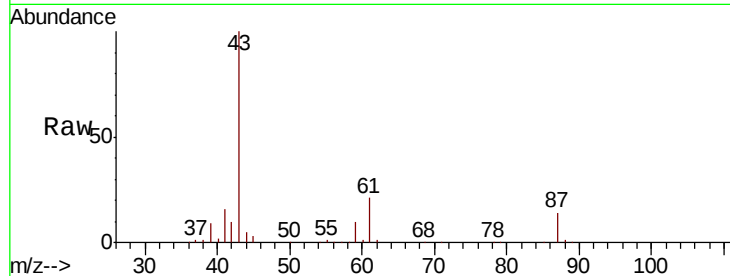




#43
Isopropyl Acetate
Concen: 20.657 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.01 min
Lab File: VX012027.D
Acq: 03 Sep 2019 17:33

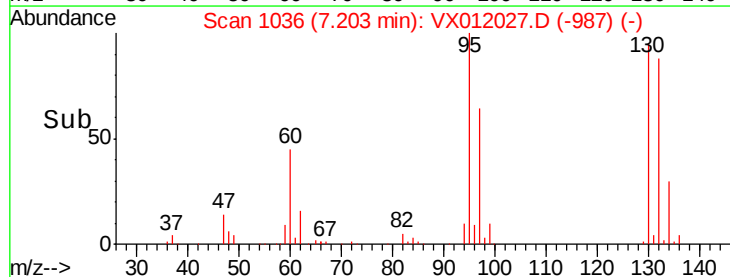
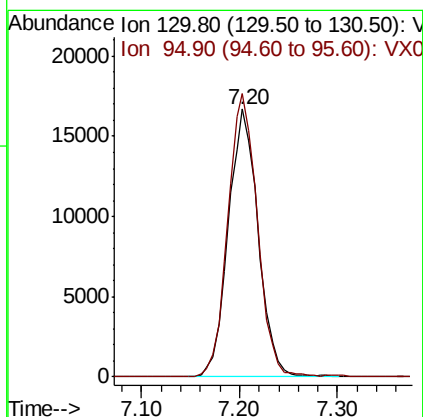
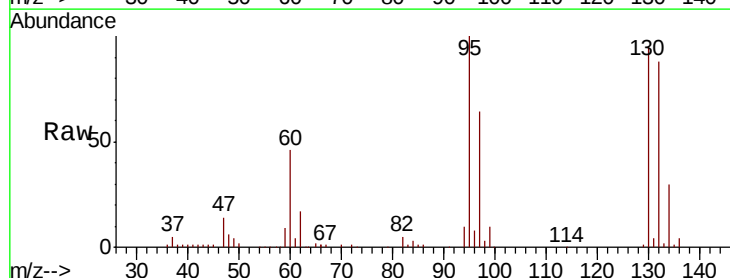
Instrument :
MSVOA_X
ClientSampleId :
VX0903SBSD01

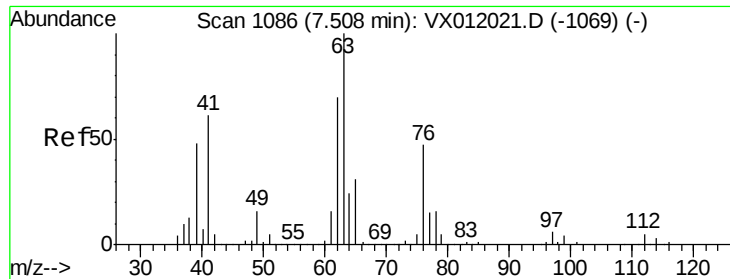
Tgt Ion: 43 Resp: 54014
Ion Ratio Lower Upper
43 100
61 20.9 16.1 24.1
87 13.5 11.3 16.9



#44
Trichloroethene
Concen: 19.252 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VX012027.D
Acq: 03 Sep 2019 17:33

Tgt Ion: 130 Resp: 35253
Ion Ratio Lower Upper
130 100
95 105.7 0.0 176.4

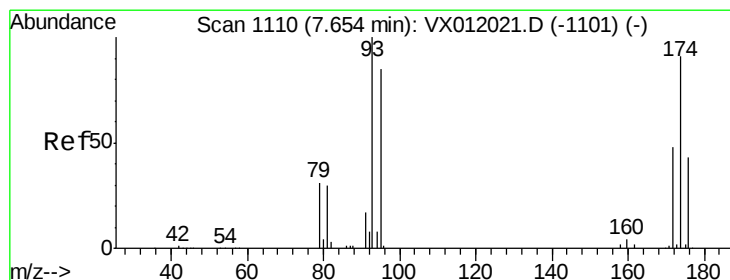
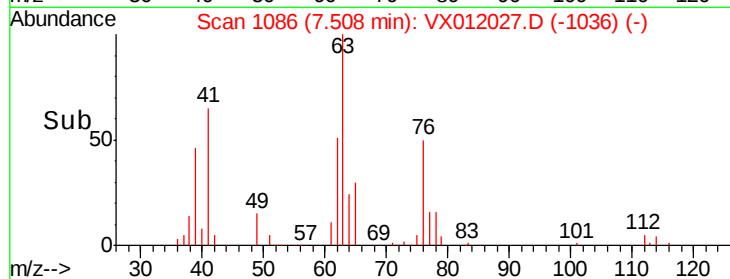
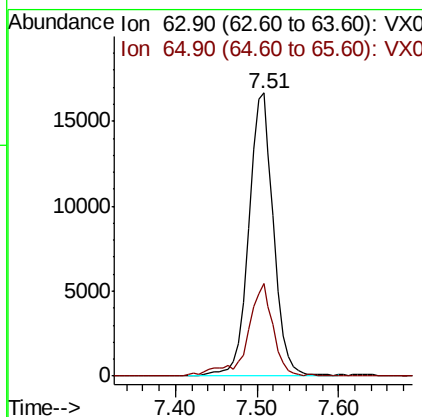
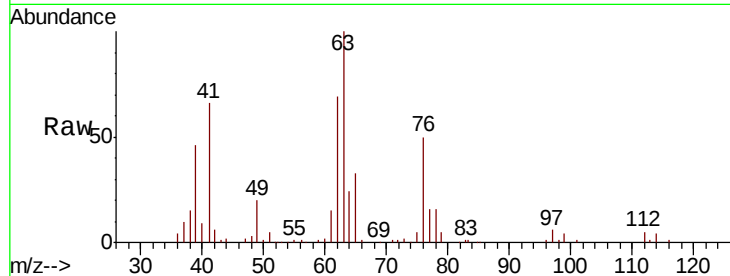




#45
 1,2-Dichloropropane
 Concen: 20.131 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.01 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

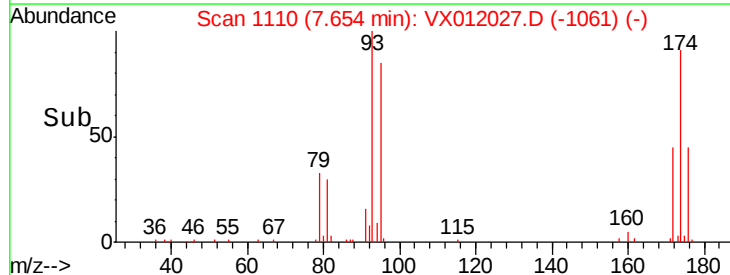
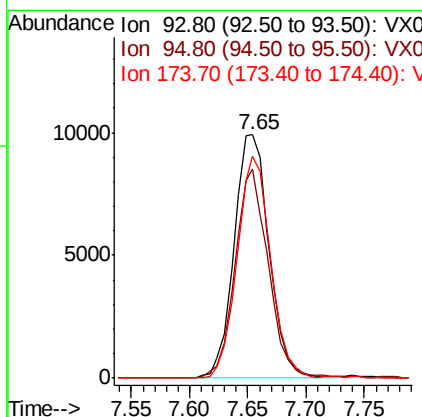
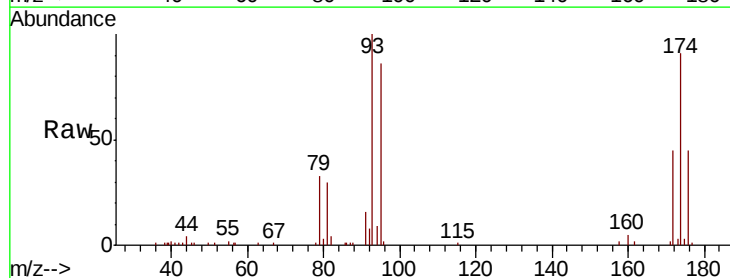
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBS01

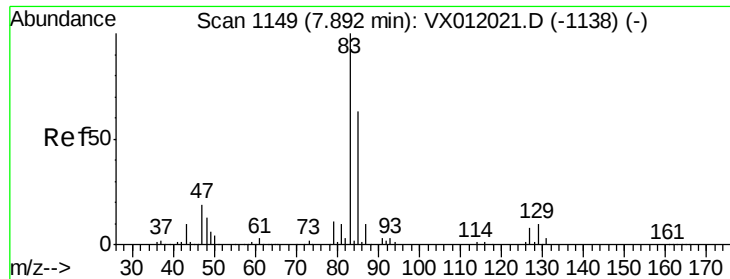
Tgt Ion: 63 Resp: 35310
 Ion Ratio Lower Upper
 63 100
 65 32.5 25.0 37.6



#46
 Dibromomethane
 Concen: 20.305 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

Tgt Ion: 93 Resp: 20791
 Ion Ratio Lower Upper
 93 100
 95 81.7 66.2 99.2
 174 86.8 110.2 165.4#





#47

Bromodichloromethane

Concen: 20.428 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX0903SBSD01

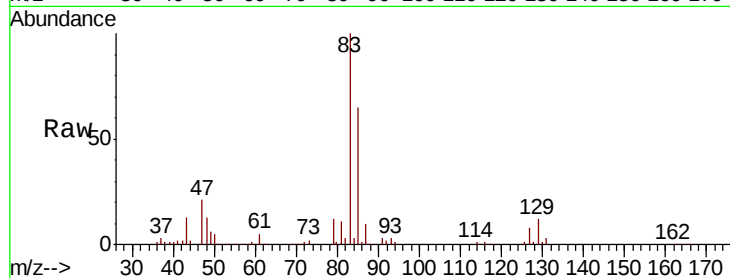
Tgt Ion: 83 Resp: 53167

Ion Ratio Lower Upper

83 100

85 65.1 50.3 75.5

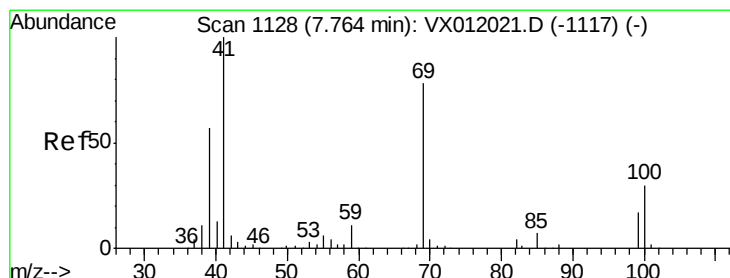
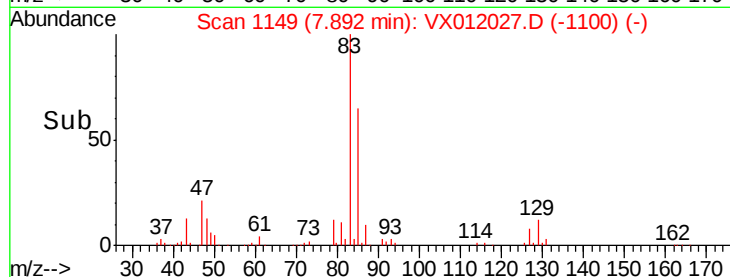
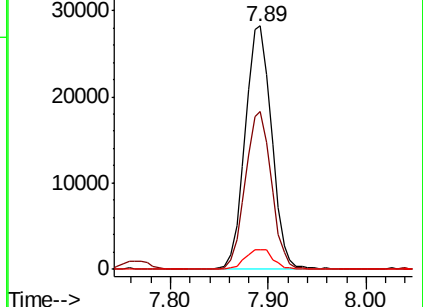
127 8.2 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.298 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

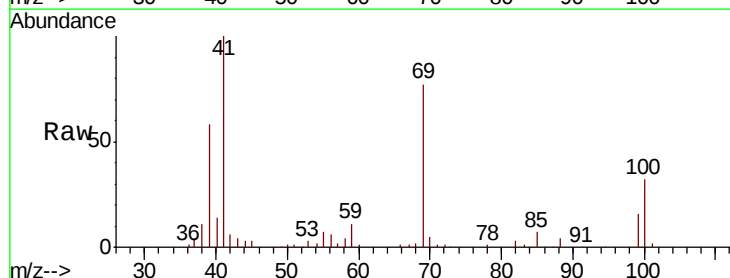
Tgt Ion: 41 Resp: 26687

Ion Ratio Lower Upper

41 100

69 79.5 66.3 99.5

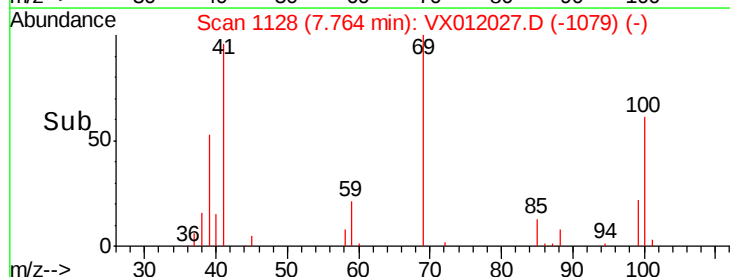
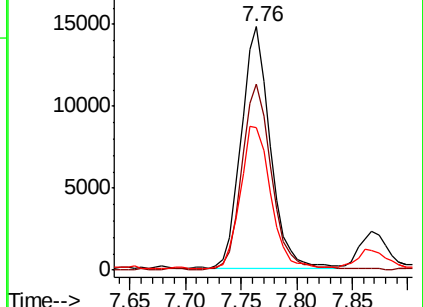
39 61.0 48.1 72.1

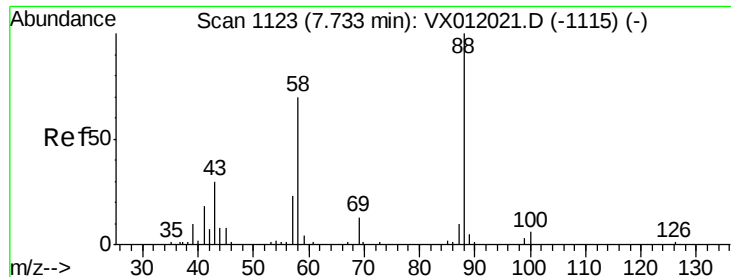


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

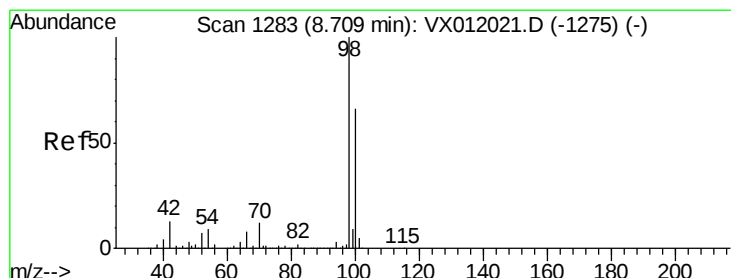
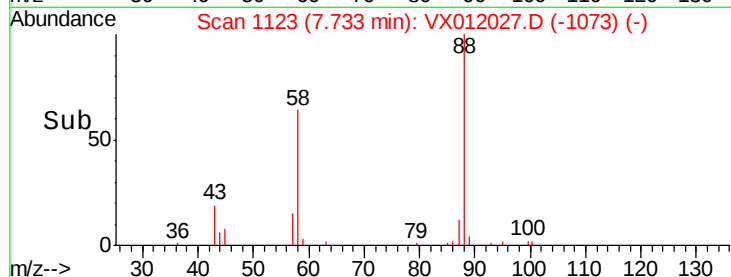
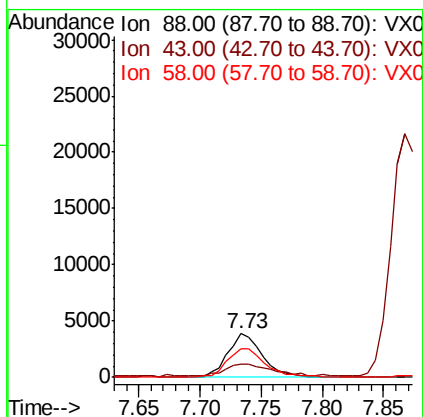
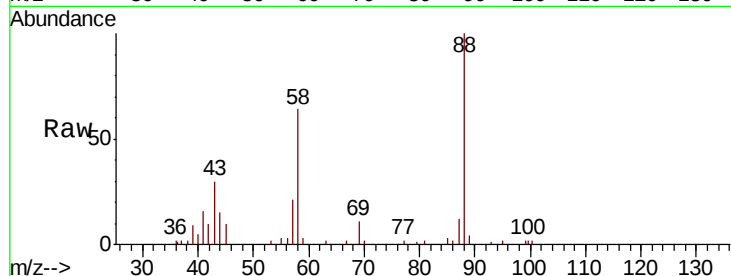




#49
1,4-Dioxane
Concen: 423.320 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX012027.D
Acq: 03 Sep 2019 17:33

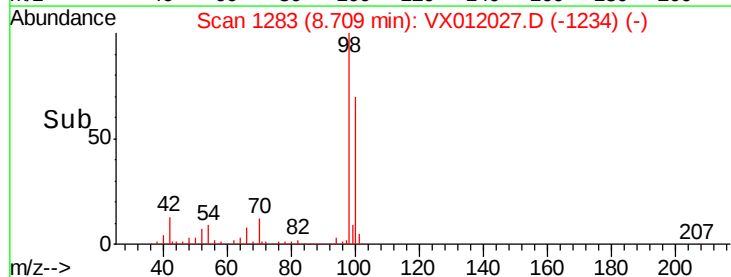
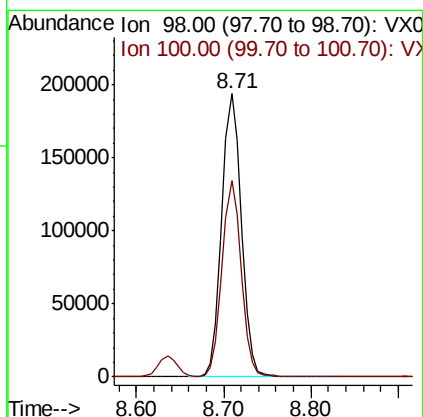
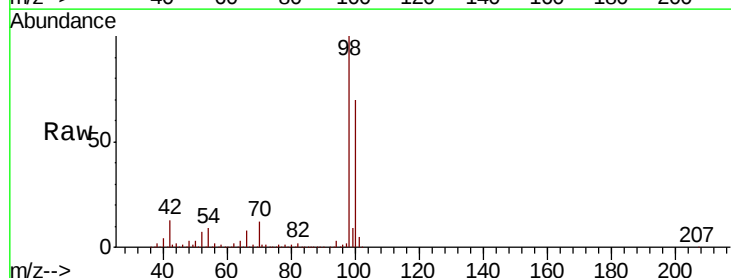
Instrument :
MSVOA_X
ClientSampleId :
VX0903SBS01

Tgt Ion: 88 Resp: 7587
Ion Ratio Lower Upper
88 100
43 38.3 29.8 44.6
58 72.3 55.4 83.2



#50
Toluene-d8
Concen: 49.982 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012027.D
Acq: 03 Sep 2019 17:33

Tgt Ion: 98 Resp: 302846
Ion Ratio Lower Upper
98 100
100 67.6 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 103.879 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

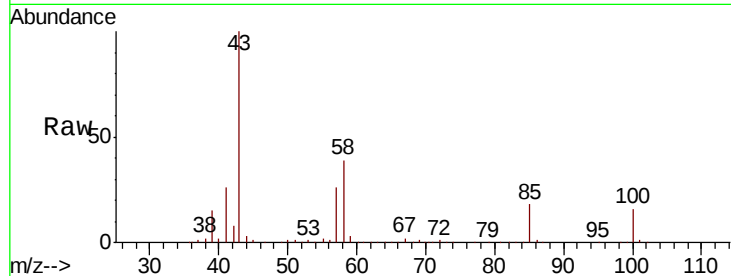
VX0903SBS01

Tgt Ion: 43 Resp: 138156

Ion Ratio Lower Upper

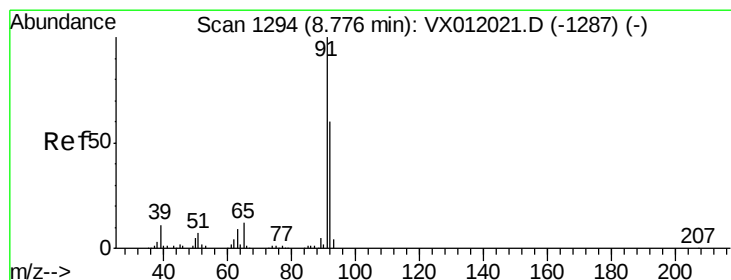
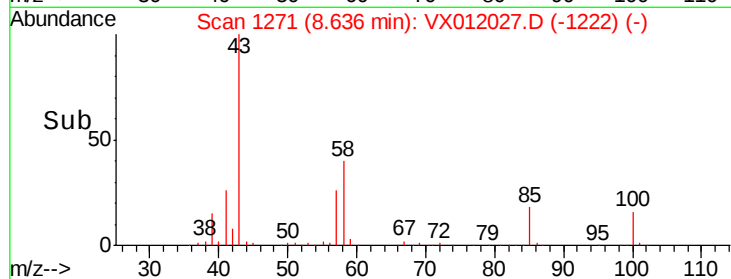
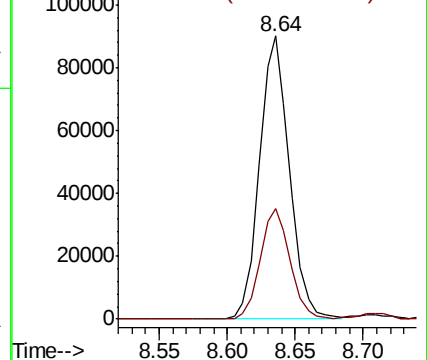
43 100

58 39.0 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.575 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012027.D

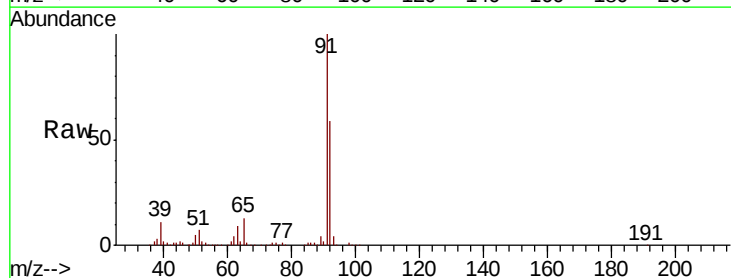
Acq: 03 Sep 2019 17:33

Tgt Ion: 92 Resp: 86468

Ion Ratio Lower Upper

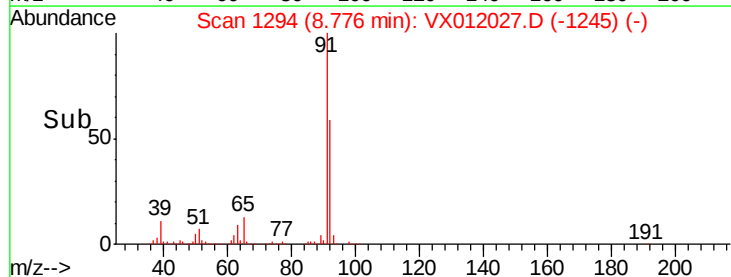
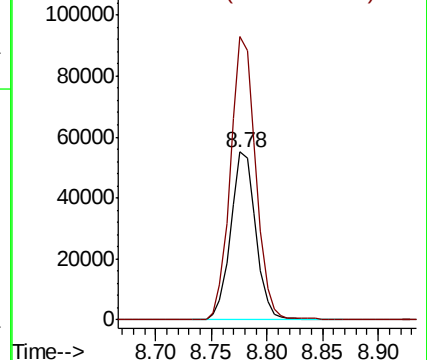
92 100

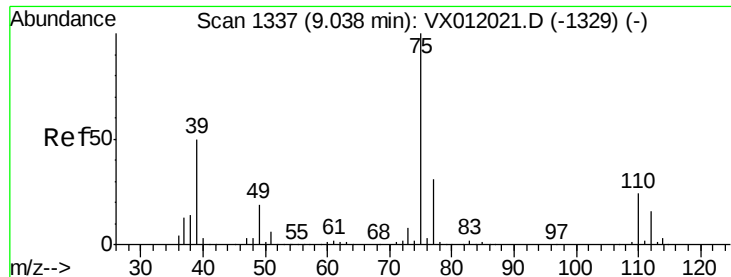
91 169.2 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

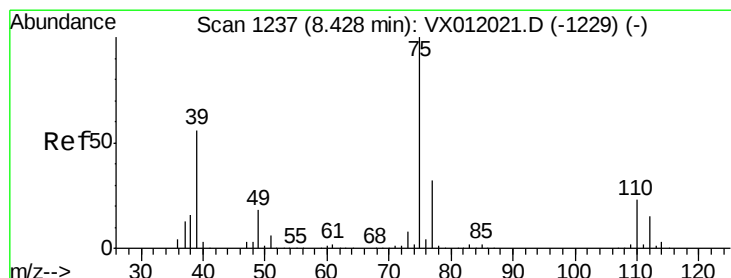
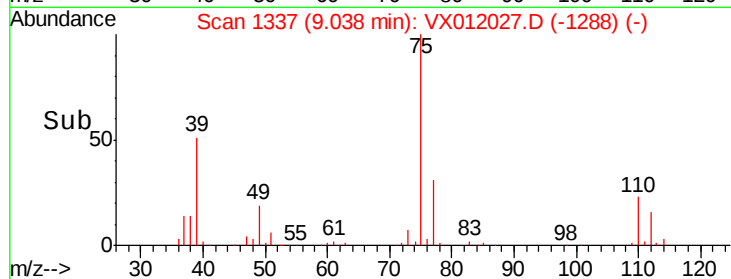
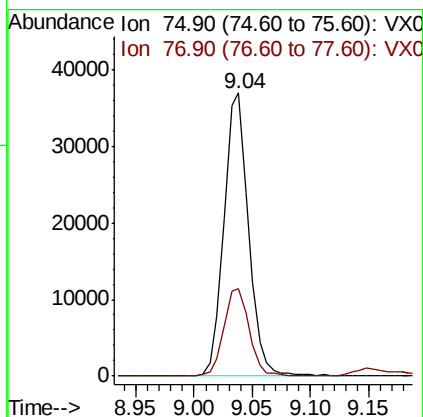
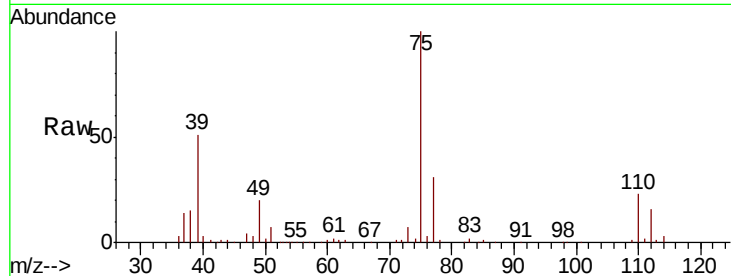




#53
 t-1,3-Dichloropropene
 Concen: 20.013 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

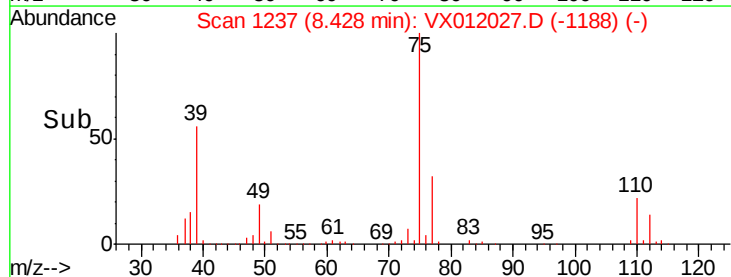
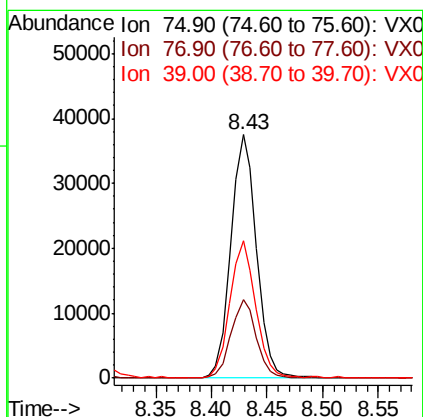
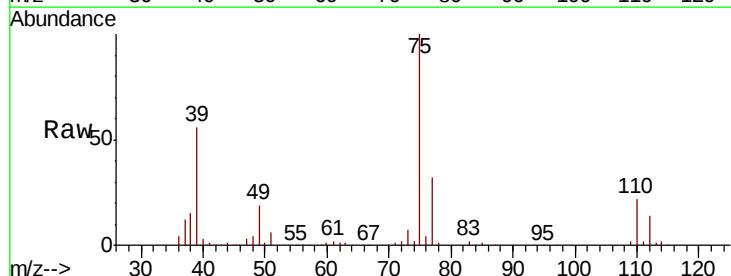
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBS01

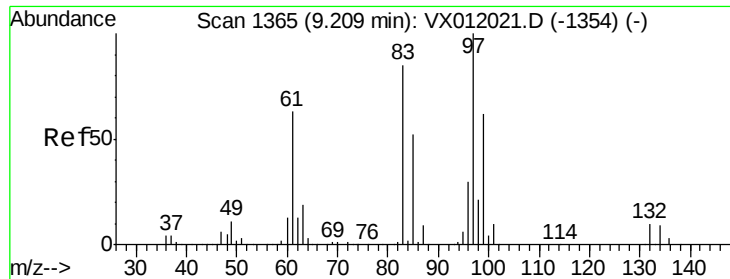
Tgt Ion: 75 Resp: 53925
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.954 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

Tgt Ion: 75 Resp: 59791
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.5 38.3
 39 55.9 43.0 64.4

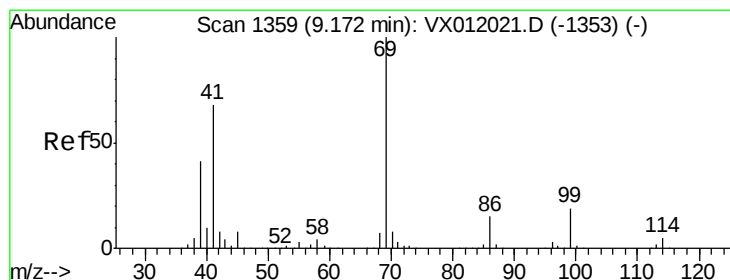
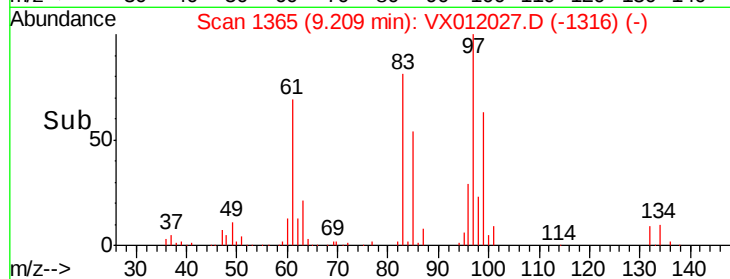
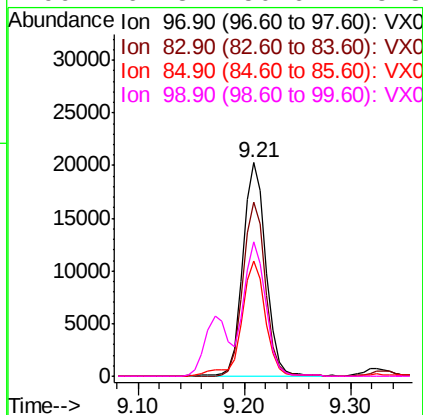
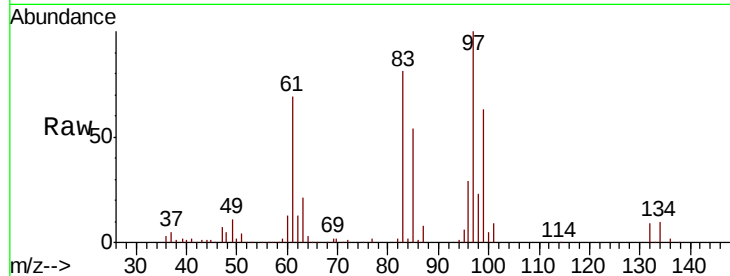




#55
 1,1,2-Trichloroethane
 Concen: 21.084 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

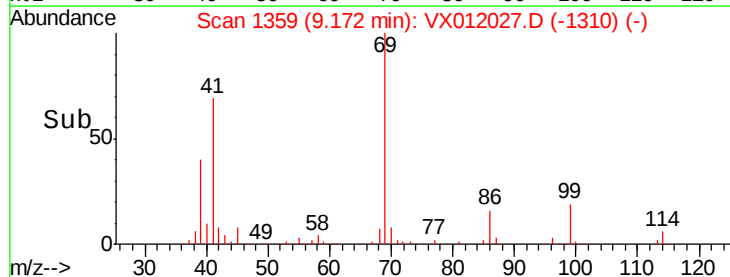
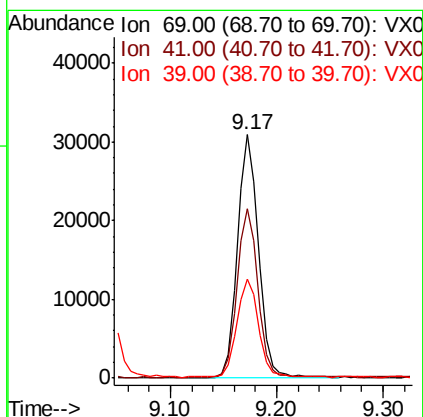
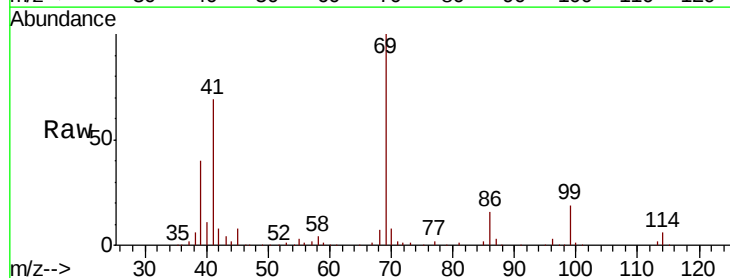
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBS01

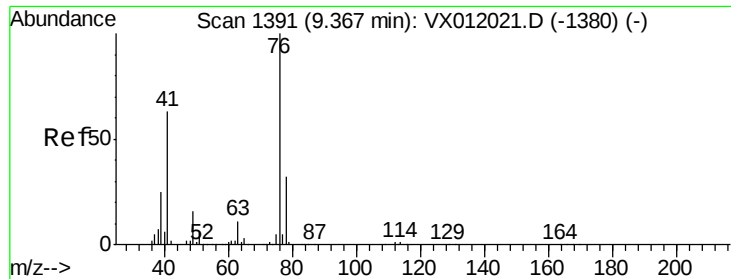
Tgt Ion:	97	Resp:	30864
Ion	Ratio	Lower	Upper
97	100		
83	81.4	66.0	99.0
85	53.7	41.0	61.6
99	62.8	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 20.587 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

Tgt Ion:	69	Resp:	43168
Ion	Ratio	Lower	Upper
69	100		
41	68.4	53.9	80.9
39	41.2	31.1	46.7





#57

1,3-Dichloropropane

Concen: 20.725 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

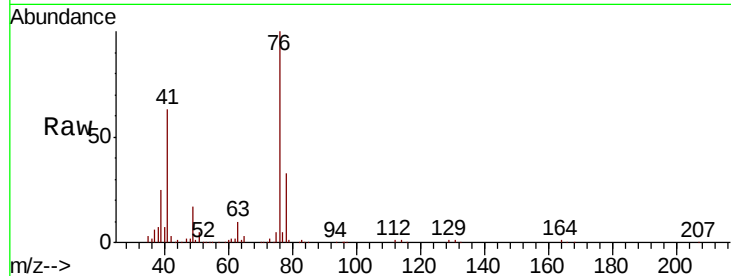
VX0903SBS01

Tgt Ion: 76 Resp: 52352

Ion Ratio Lower Upper

76 100

78 33.5 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

40000

30000

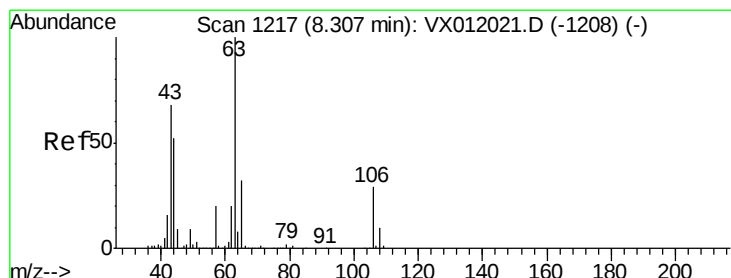
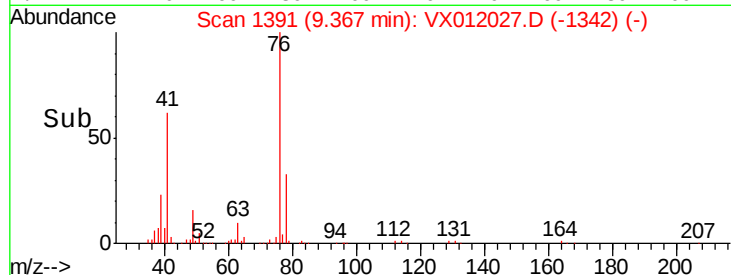
20000

10000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 107.943 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012027.D

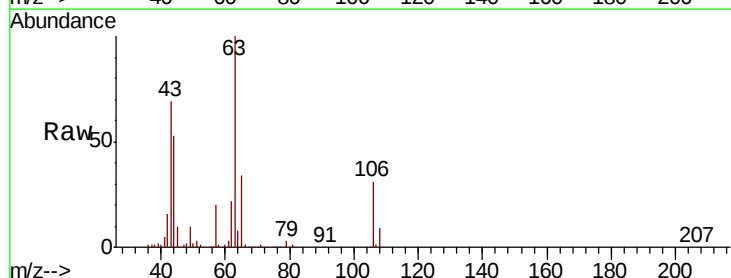
Acq: 03 Sep 2019 17:33

Tgt Ion: 63 Resp: 102041

Ion Ratio Lower Upper

63 100

106 30.0 26.5 39.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

60000

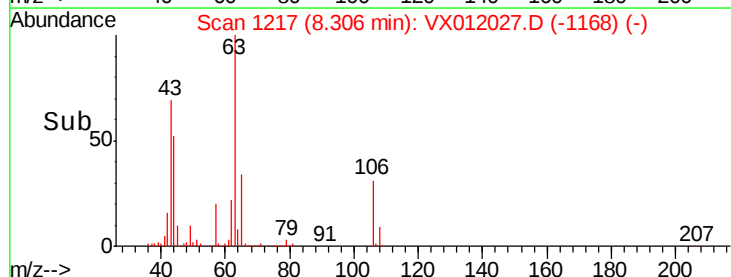
40000

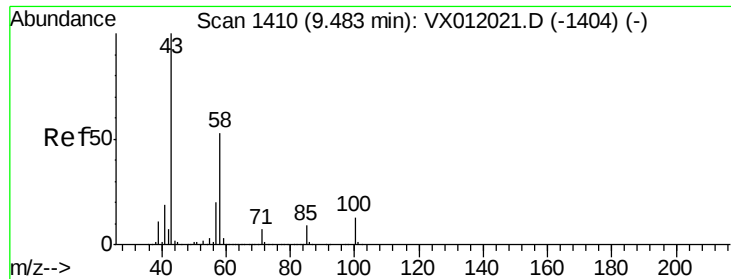
20000

0

8.20 8.25 8.30 8.35 8.40

Time-->

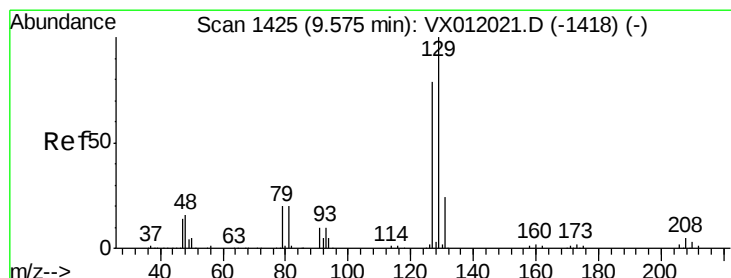
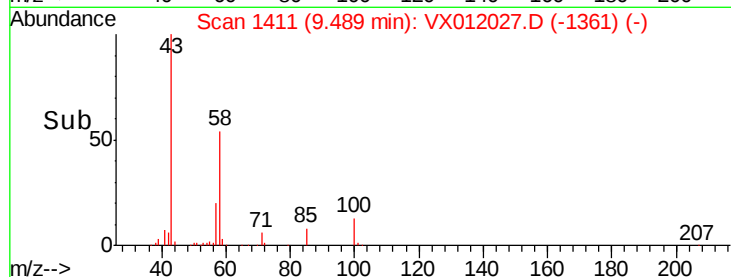
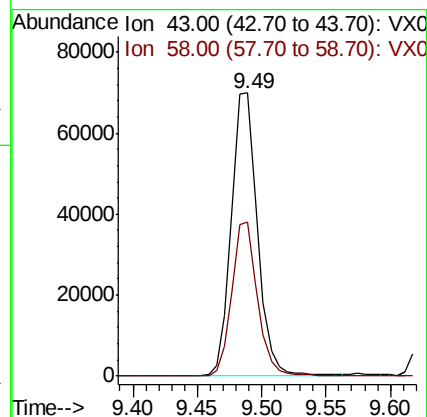
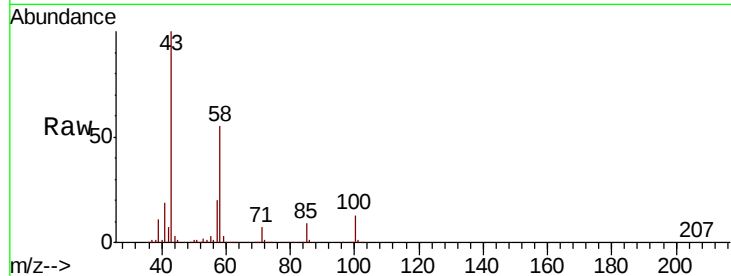




#59
2-Hexanone
Concen: 103.129 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX012027.D
Acq: 03 Sep 2019 17:33

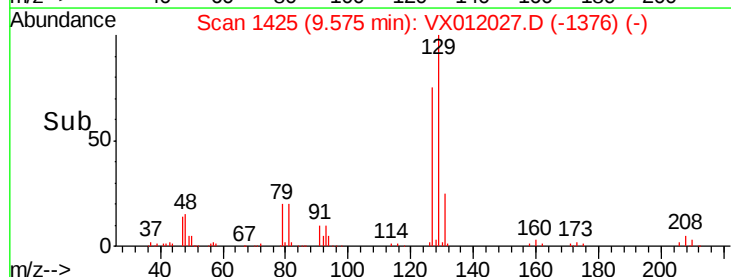
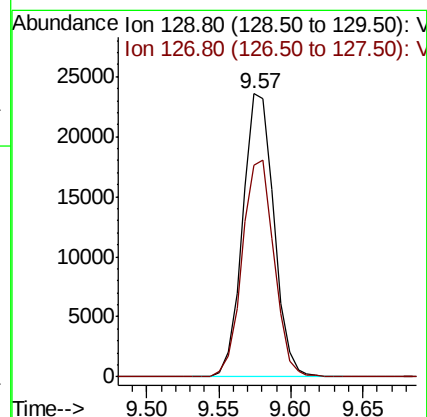
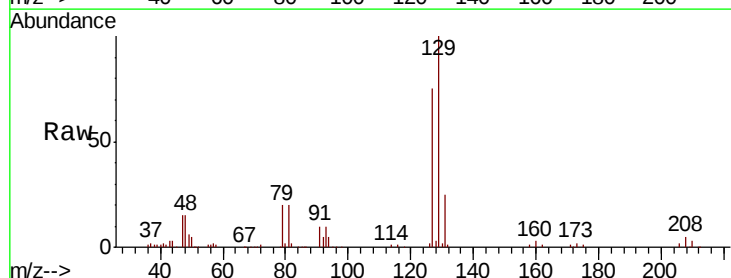
Instrument :
MSVOA_X
ClientSampleId :
VX0903SBS01

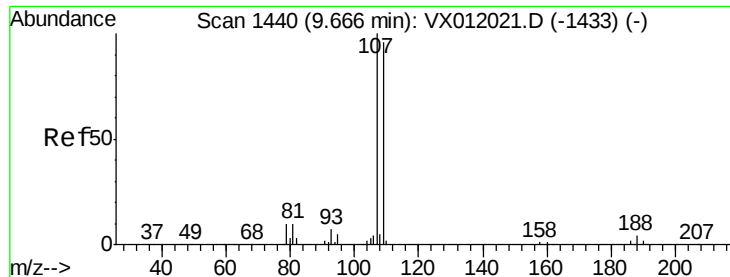
Tgt Ion: 43 Resp: 100082
Ion Ratio Lower Upper
43 100
58 53.7 27.2 81.6



#60
Dibromochloromethane
Concen: 20.265 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012027.D
Acq: 03 Sep 2019 17:33

Tgt Ion: 129 Resp: 35356
Ion Ratio Lower Upper
129 100
127 78.2 38.1 114.5

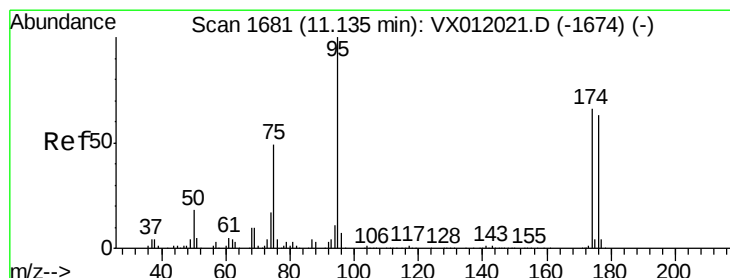
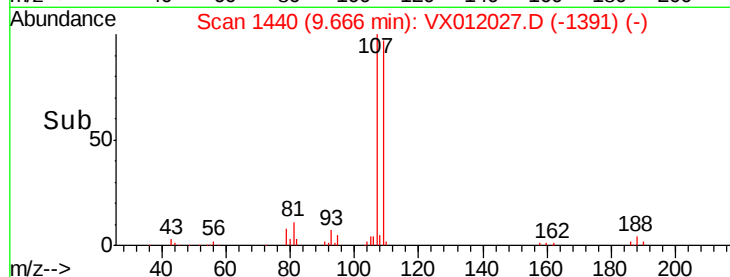
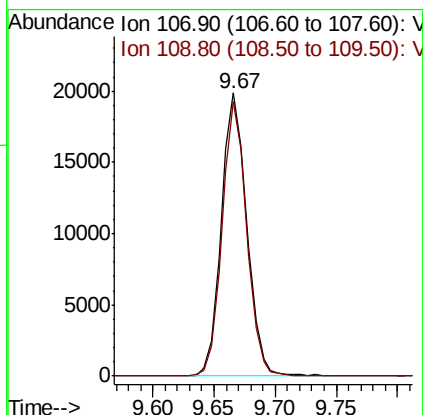
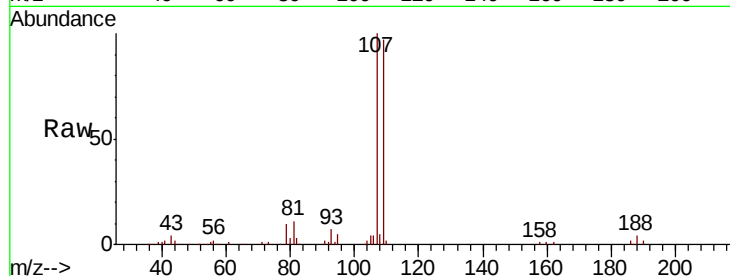




#61
 1,2-Dibromoethane
 Concen: 20.297 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

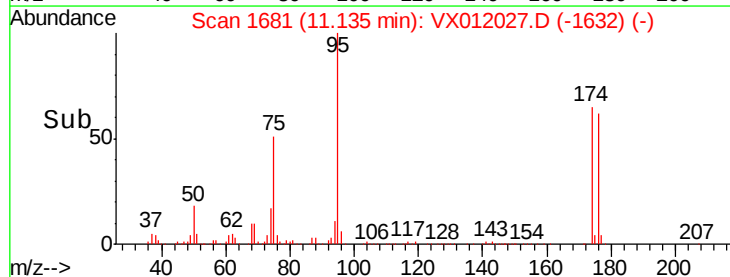
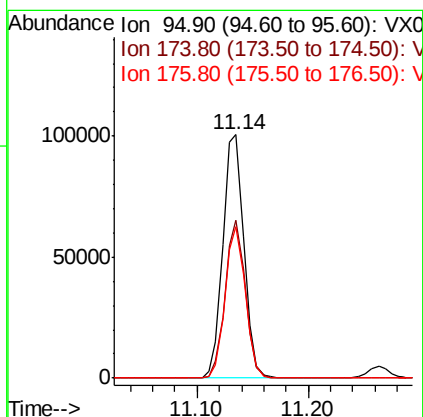
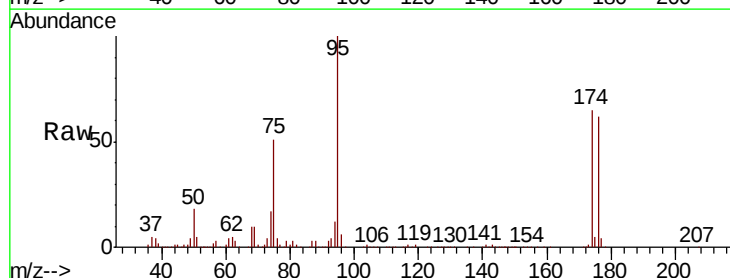
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBSD01

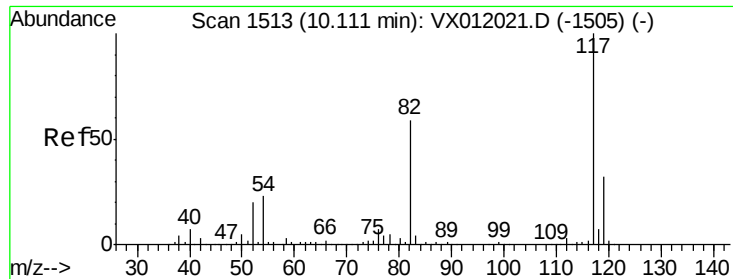
Tgt Ion: 107 Resp: 28710
 Ion Ratio Lower Upper
 107 100
 109 93.3 76.9 115.3



#62
 4-Bromofluorobenzene
 Concen: 46.633 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

Tgt Ion: 95 Resp: 131404
 Ion Ratio Lower Upper
 95 100
 174 62.1 0.0 205.4
 176 59.8 0.0 201.8

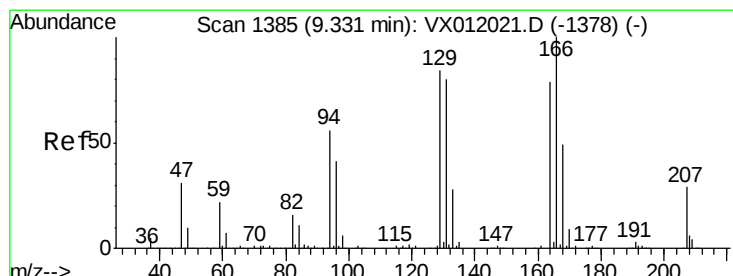
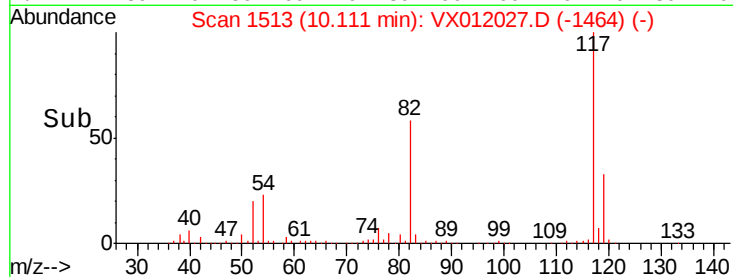
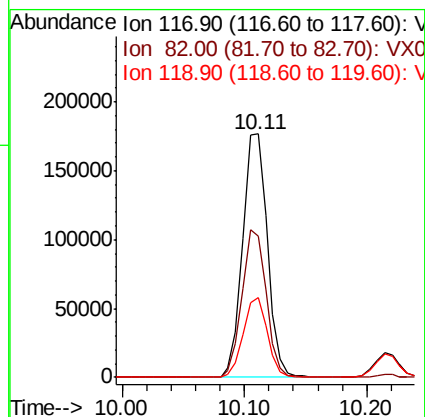
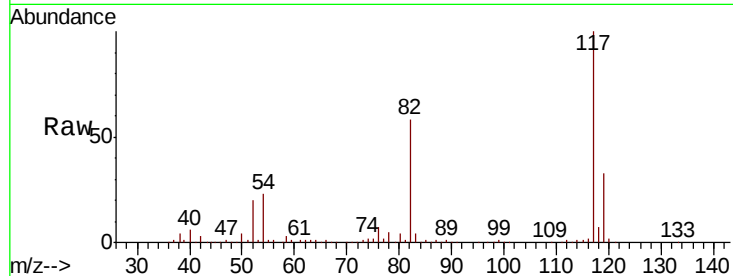




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012027.D
Acq: 03 Sep 2019 17:33

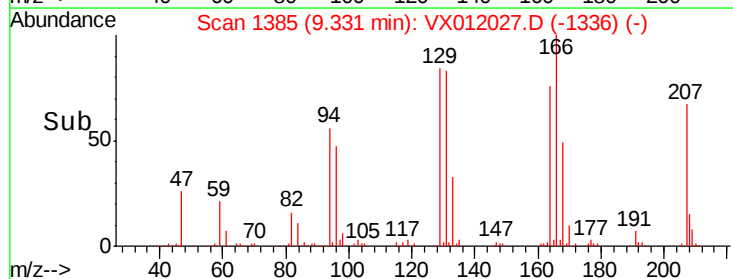
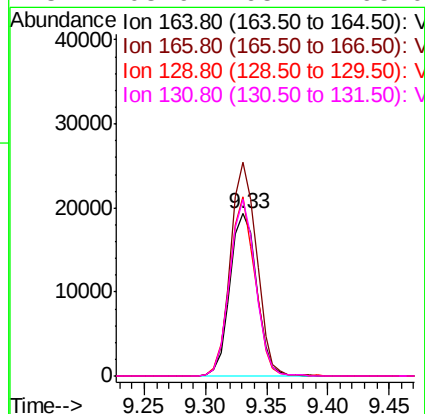
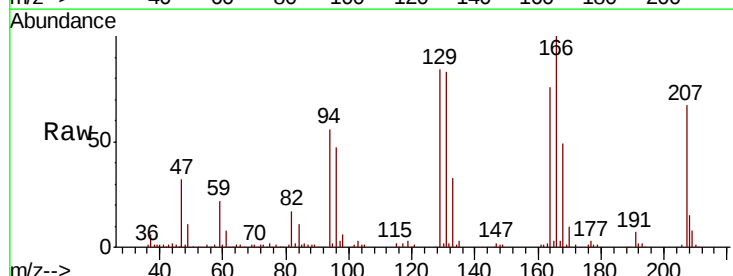
Instrument :
MSVOA_X
ClientSampleId :
VX0903SBSD01

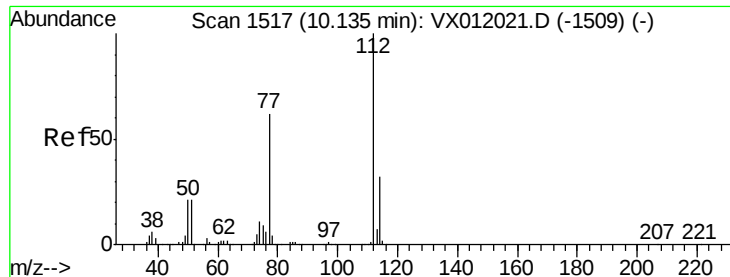
Tgt Ion:117 Resp: 247650
Ion Ratio Lower Upper
117 100
82 58.1 39.4 59.0
119 33.0 26.1 39.1



#64
Tetrachloroethene
Concen: 18.989 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012027.D
Acq: 03 Sep 2019 17:33

Tgt Ion:164 Resp: 29318
Ion Ratio Lower Upper
164 100
166 131.5 104.3 156.5
129 110.1 68.3 102.5#
131 108.9 65.4 98.0#

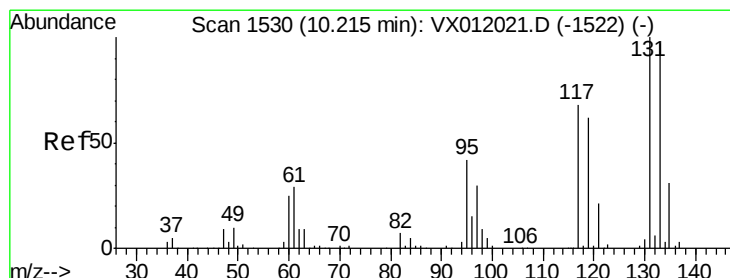
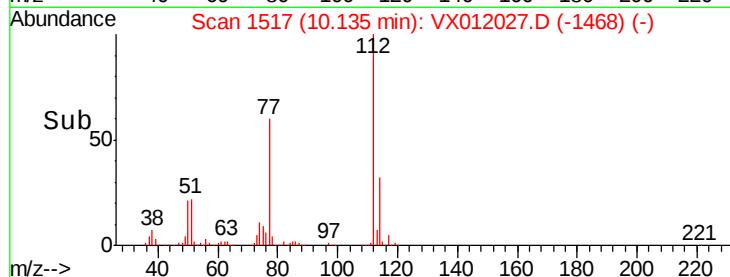
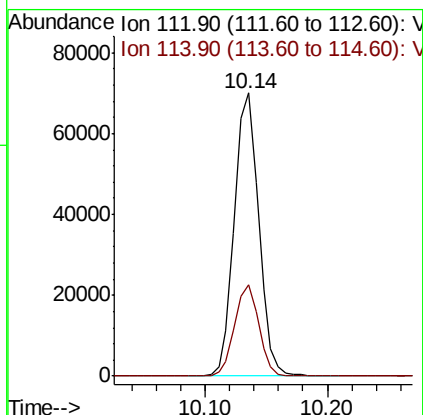
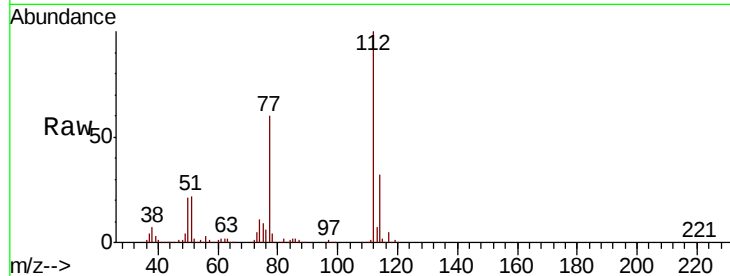




#65
Chlorobenzene
Concen: 19.702 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012027.D
Acq: 03 Sep 2019 17:33

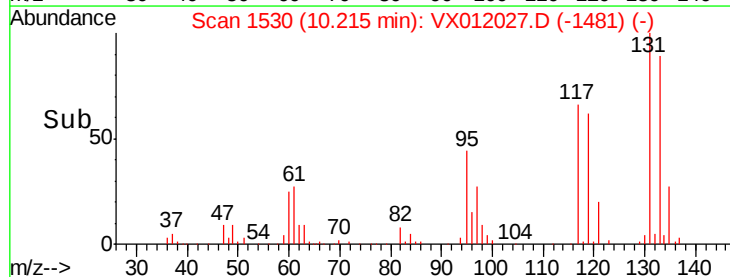
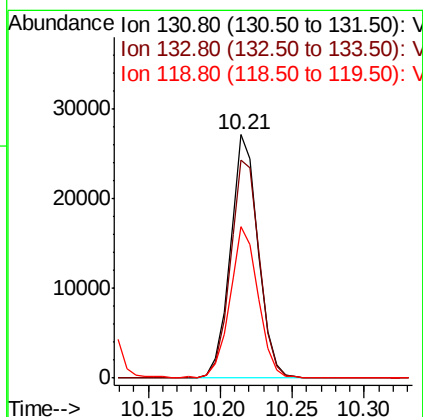
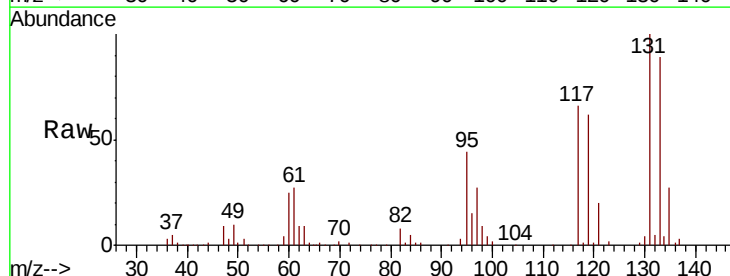
Instrument :
MSVOA_X
ClientSampleId :
VX0903SBS01

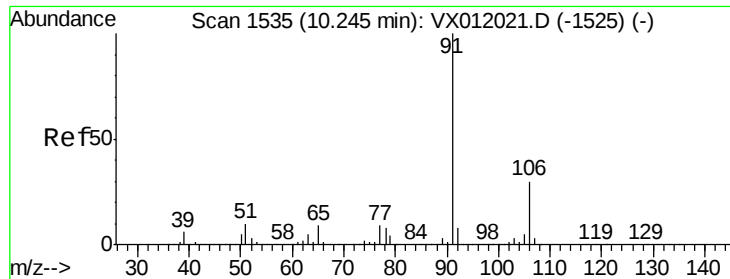
Tgt Ion:112 Resp: 96272
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.471 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012027.D
Acq: 03 Sep 2019 17:33

Tgt Ion:131 Resp: 36574
Ion Ratio Lower Upper
131 100
133 93.1 48.4 145.0
119 63.3 30.5 91.5

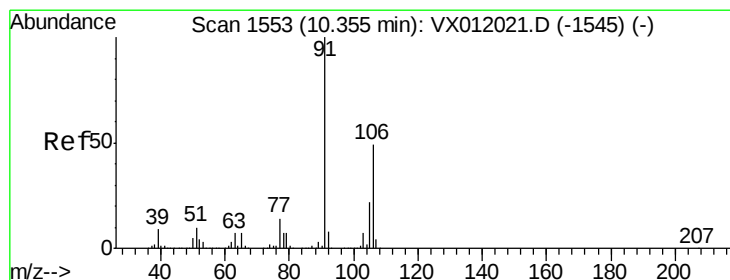
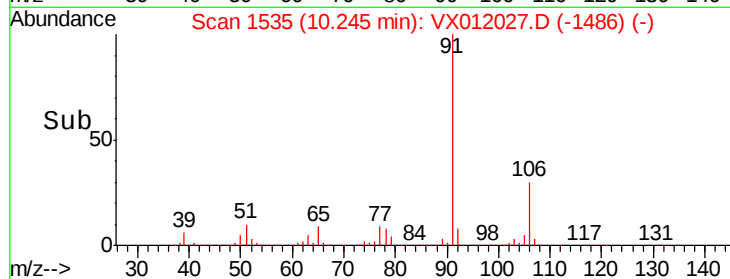
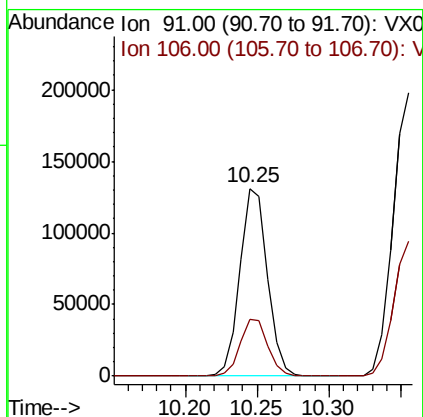
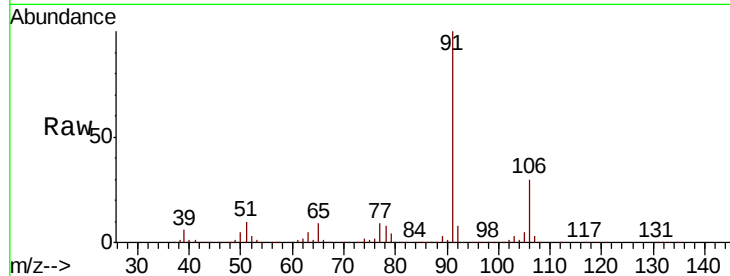




#67
Ethyl Benzene
Concen: 19.562 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012027.D
Acq: 03 Sep 2019 17:33

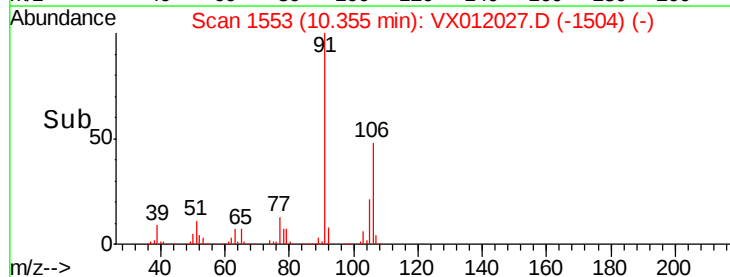
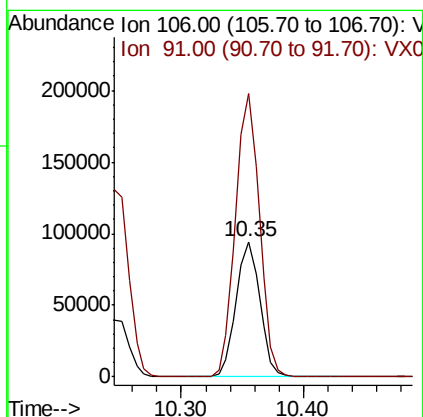
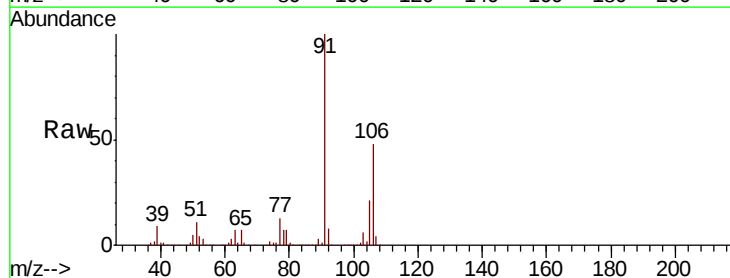
Instrument :
MSVOA_X
ClientSampleId :
VX0903SBS01

Tgt Ion: 91 Resp: 174231
Ion Ratio Lower Upper
91 100
106 30.1 25.8 38.8



#68
m/p-Xylenes
Concen: 38.835 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012027.D
Acq: 03 Sep 2019 17:33

Tgt Ion: 106 Resp: 127442
Ion Ratio Lower Upper
106 100
91 211.0 157.5 236.3

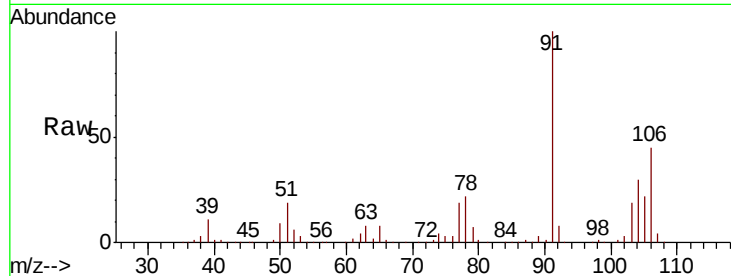




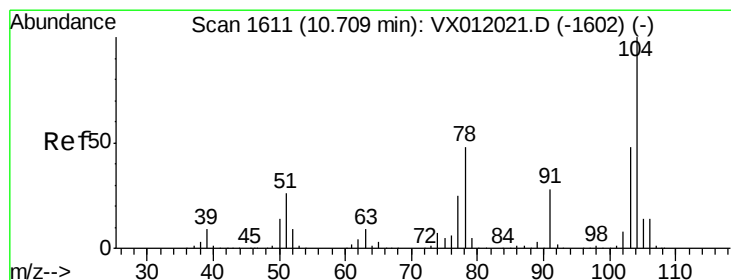
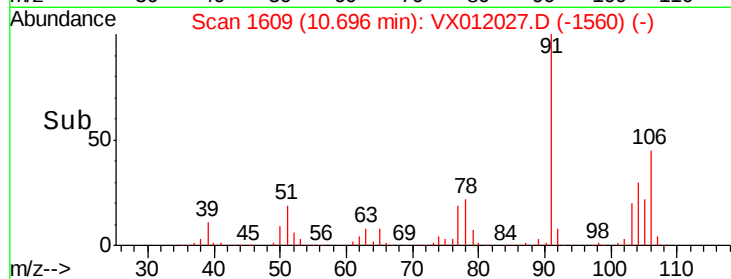
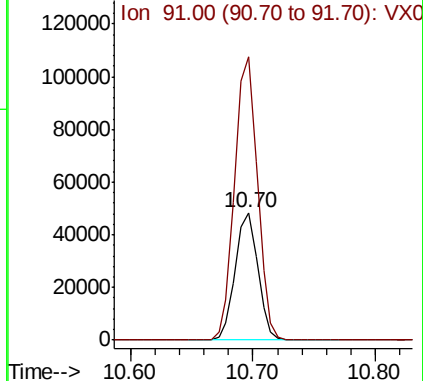
#69
o-Xylene
Concen: 19.493 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012027.D
Acq: 03 Sep 2019 17:33

Instrument :
MSVOA_X
ClientSampleId :
VX0903SBSD01

Tgt Ion:106 Resp: 62028
Ion Ratio Lower Upper
106 100
91 223.4 103.5 310.3

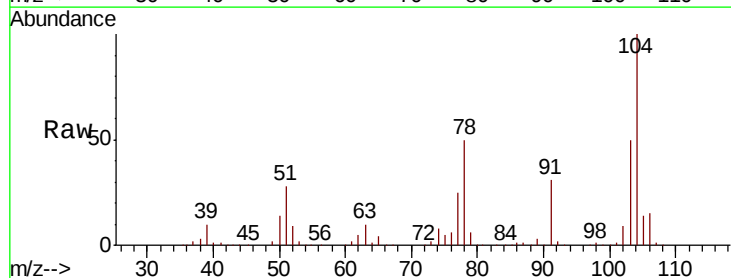


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

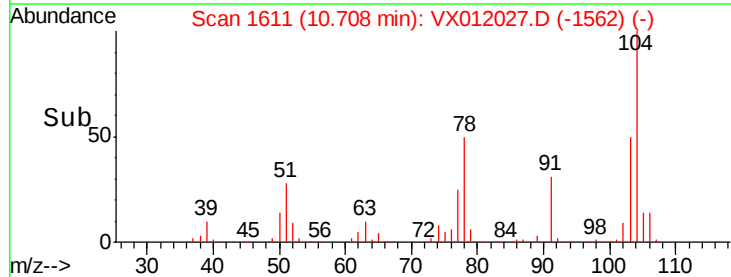
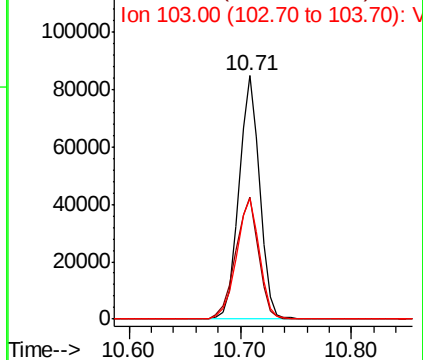


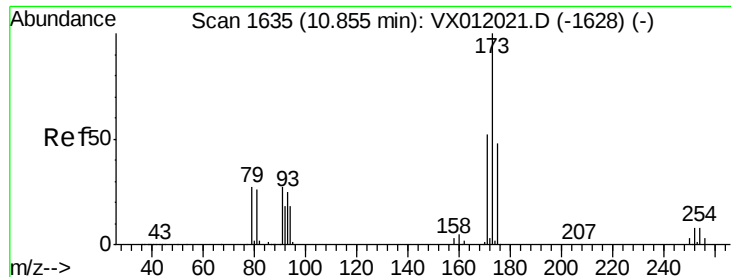
#70
Styrene
Concen: 19.720 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012027.D
Acq: 03 Sep 2019 17:33

Tgt Ion:104 Resp: 108997
Ion Ratio Lower Upper
104 100
78 55.7 39.1 58.7
103 54.6 43.4 65.2



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

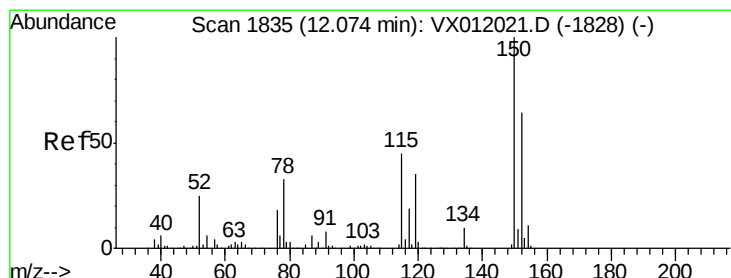
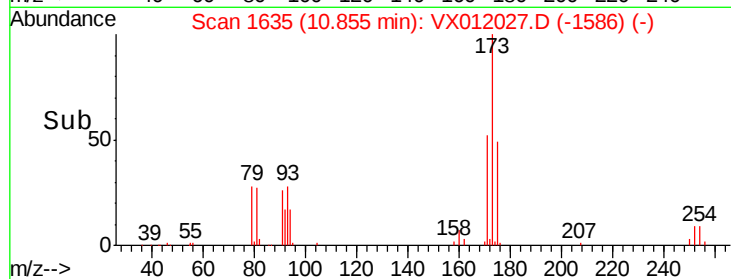
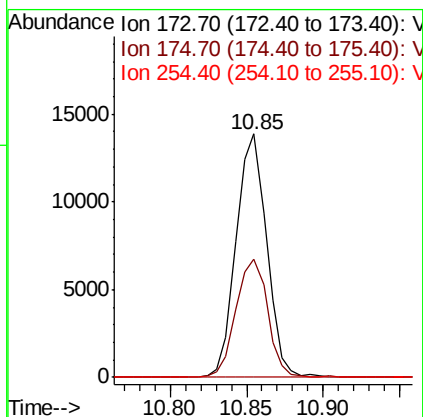
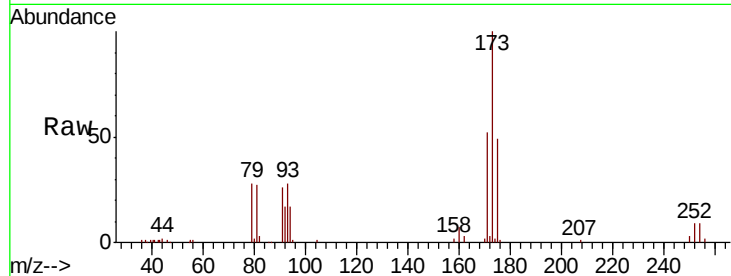




#71
Bromoform
Concen: 19.581 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX012027.D
Acq: 03 Sep 2019 17:33

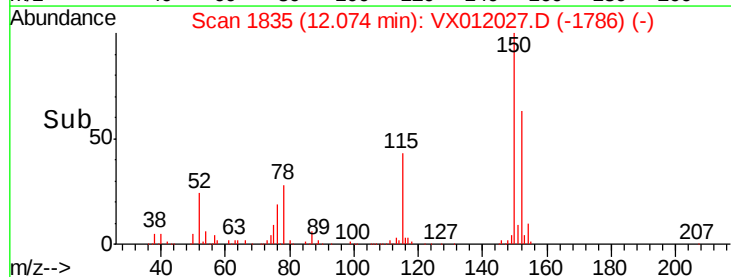
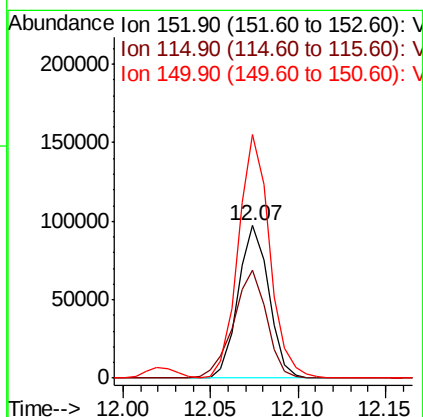
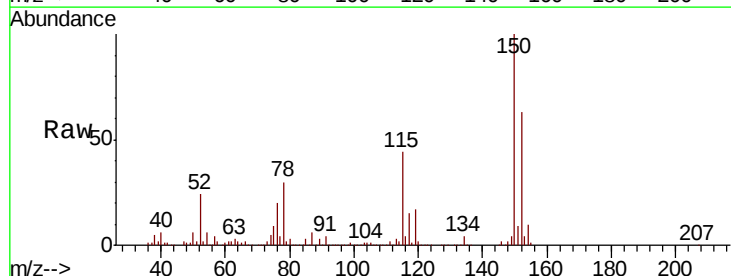
Instrument :
MSVOA_X
ClientSampleId :
VX0903SBS01

Tgt Ion:173 Resp: 19215
Ion Ratio Lower Upper
173 100
175 50.4 24.9 74.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012027.D
Acq: 03 Sep 2019 17:33

Tgt Ion:152 Resp: 118418
Ion Ratio Lower Upper
152 100
115 76.8 36.4 109.3
150 163.2 0.0 341.2





#73

Isopropylbenzene

Concen: 19.537 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

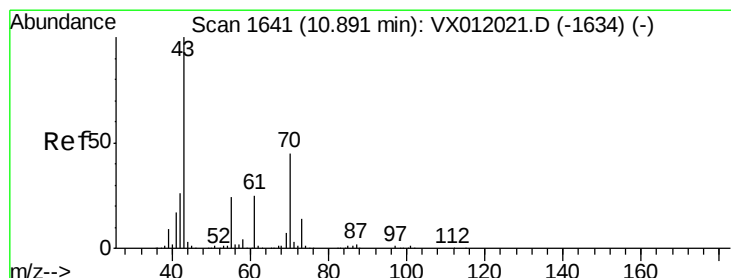
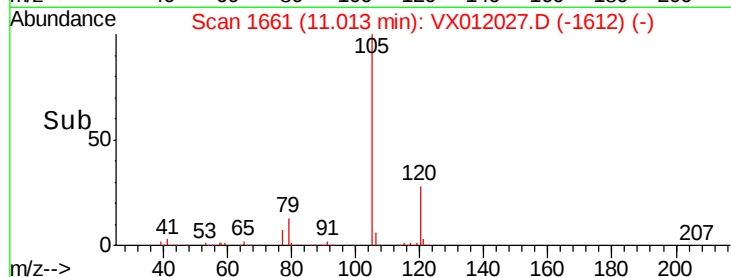
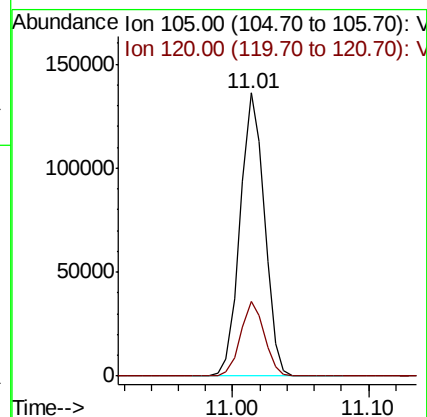
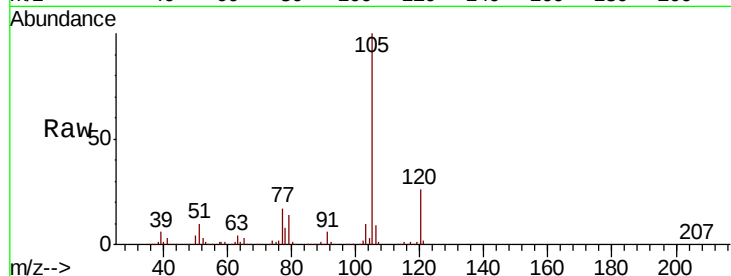
VX0903SBS01

Tgt Ion: 105 Resp: 169749

Ion Ratio Lower Upper

105 100

120 25.6 13.9 41.6



#74

N-ethyl acetate

Concen: 20.482 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

Tgt Ion: 43 Resp: 52617

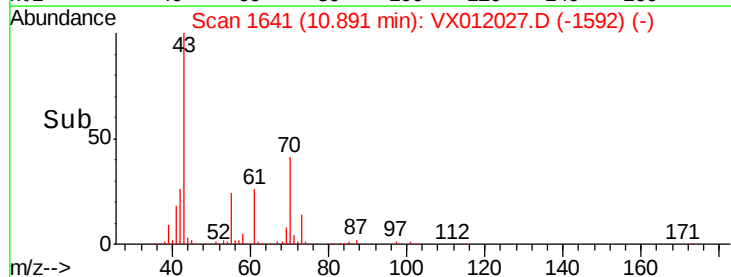
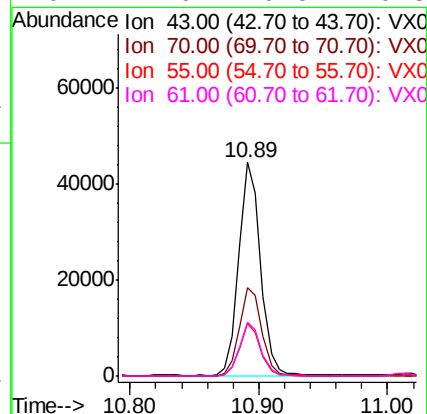
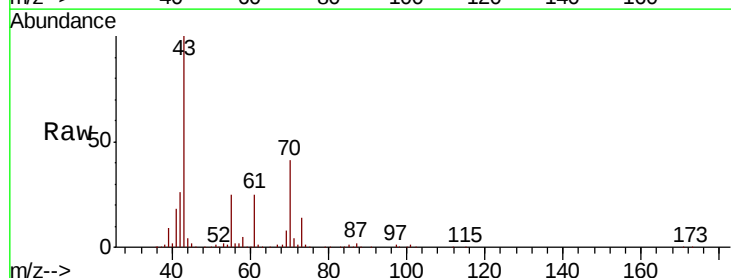
Ion Ratio Lower Upper

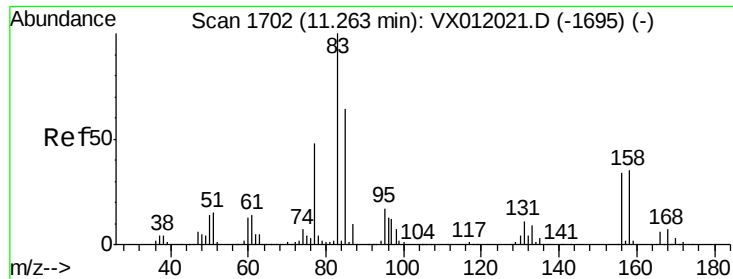
43 100

70 42.6 34.4 51.6

55 23.9 18.5 27.7

61 24.9 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.577 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX0903SBS01

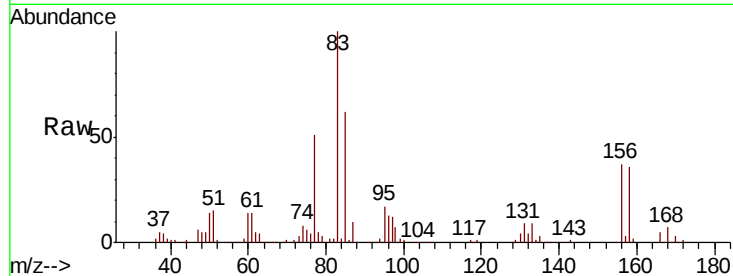
Tgt Ion: 83 Resp: 37271

Ion Ratio Lower Upper

83 100

131 10.4 6.3 19.1

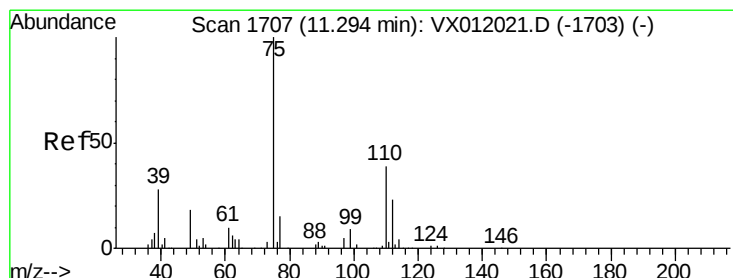
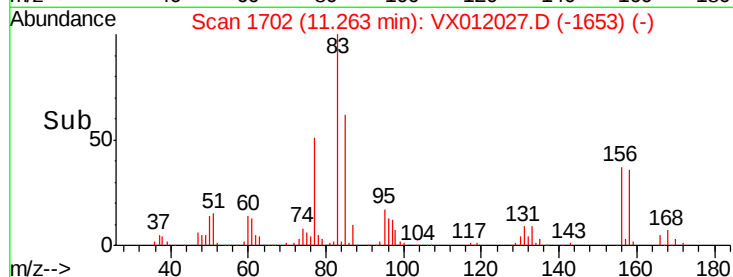
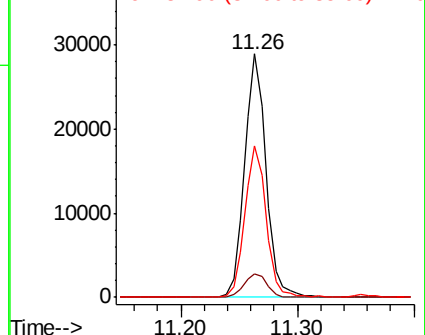
85 62.3 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.788 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012027.D

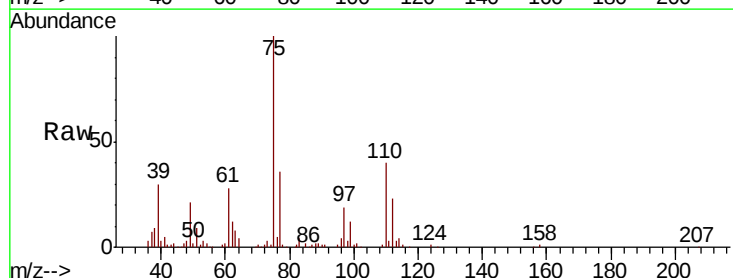
Acq: 03 Sep 2019 17:33

Tgt Ion: 75 Resp: 40206

Ion Ratio Lower Upper

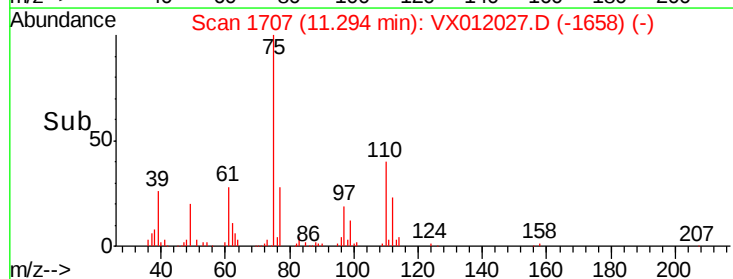
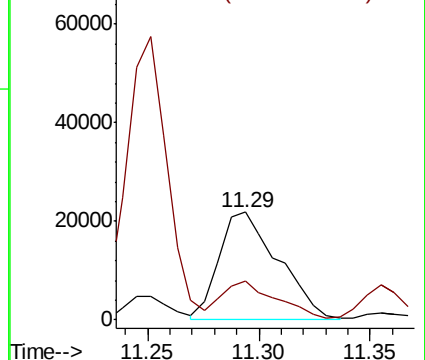
75 100

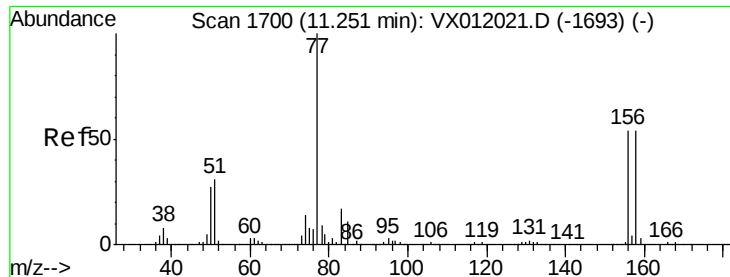
77 33.4 23.5 70.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.942 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX0903SBS01

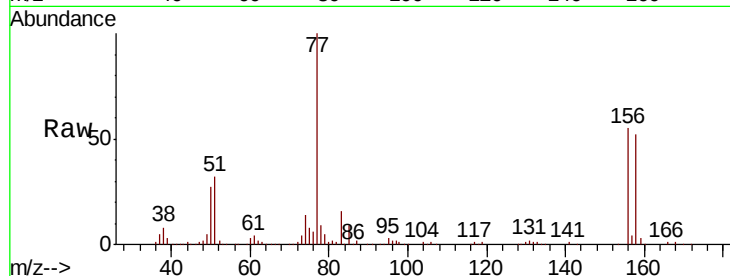
Tgt Ion:156 Resp: 38752

Ion Ratio Lower Upper

156 100

77 189.1 63.4 190.2

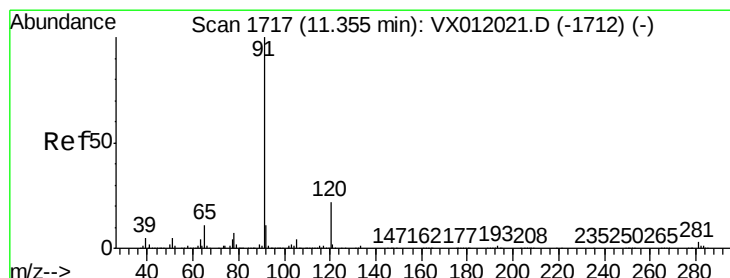
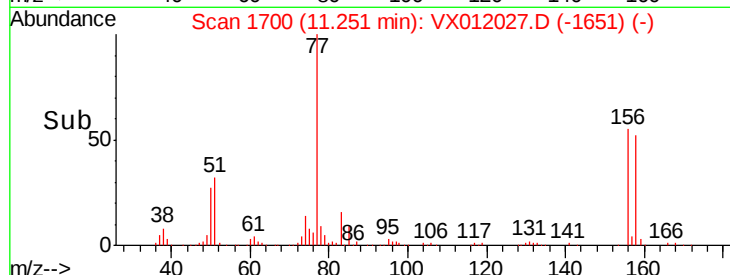
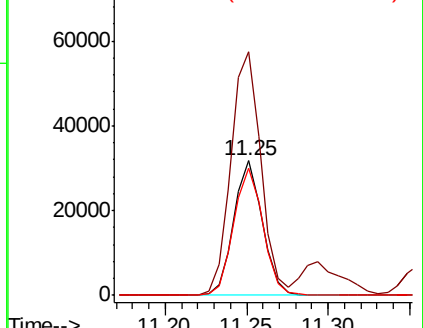
158 97.2 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.192 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012027.D

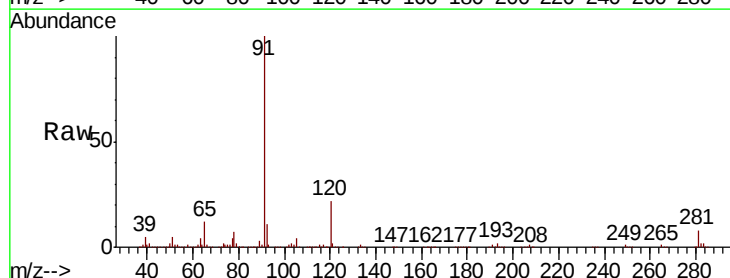
Acq: 03 Sep 2019 17:33

Tgt Ion: 91 Resp: 201453

Ion Ratio Lower Upper

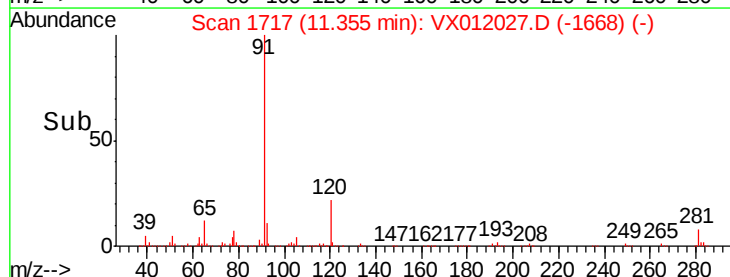
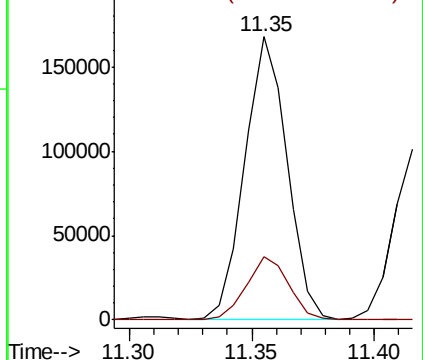
91 100

120 22.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

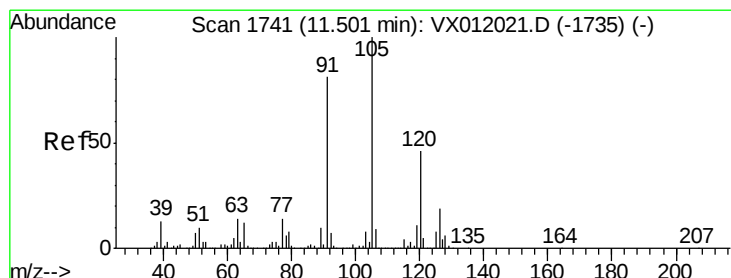
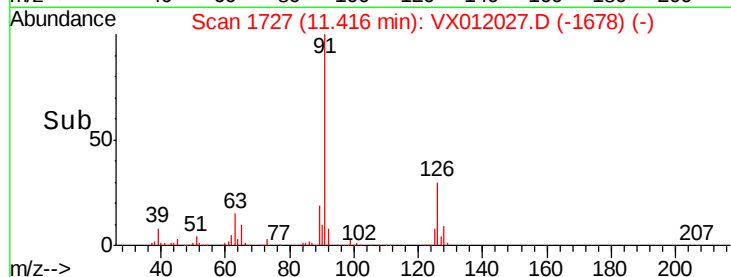
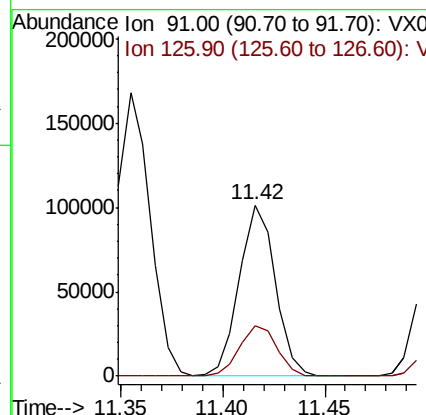
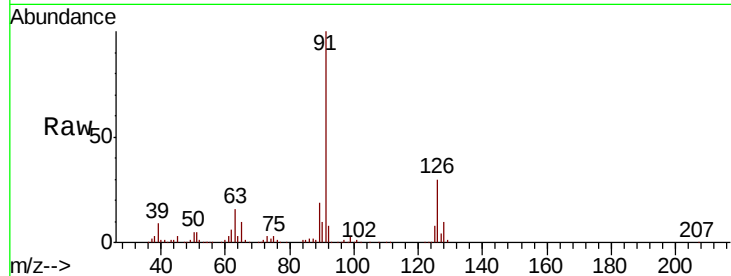




#79
 2-Chlorotoluene
 Concen: 19.441 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

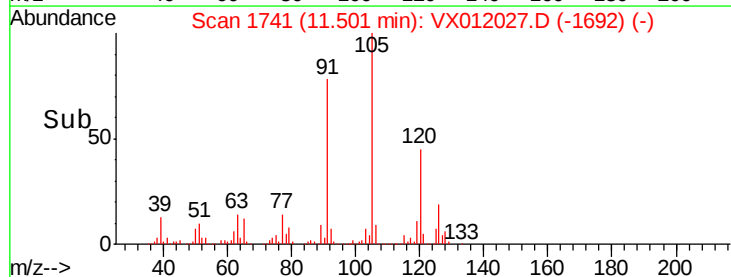
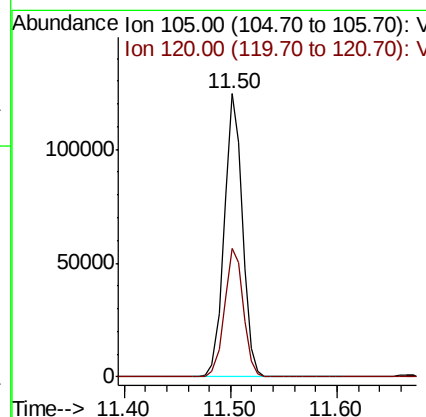
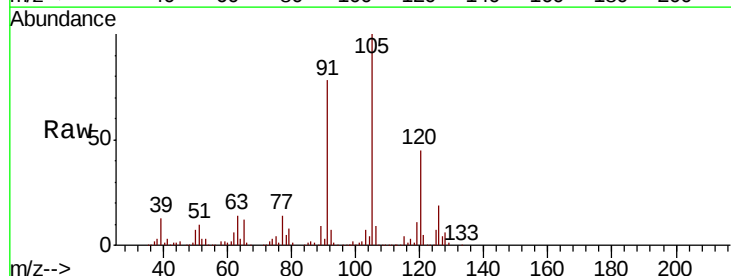
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBS01

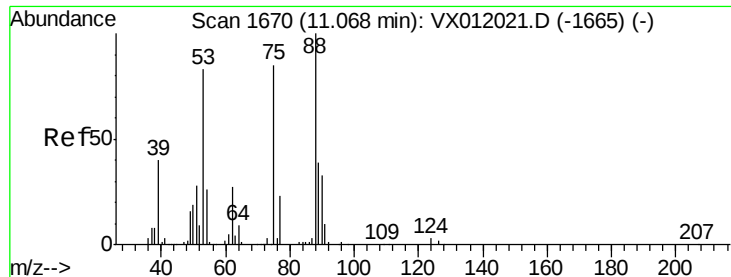
Tgt Ion: 91 Resp: 123631
 Ion Ratio Lower Upper
 91 100
 126 30.9 18.6 55.8



#80
 1,3,5-Trimethylbenzene
 Concen: 19.443 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

Tgt Ion: 105 Resp: 148038
 Ion Ratio Lower Upper
 105 100
 120 46.7 25.8 77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.575 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX0903SBS01

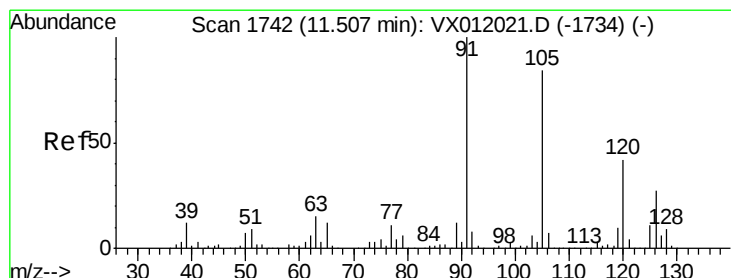
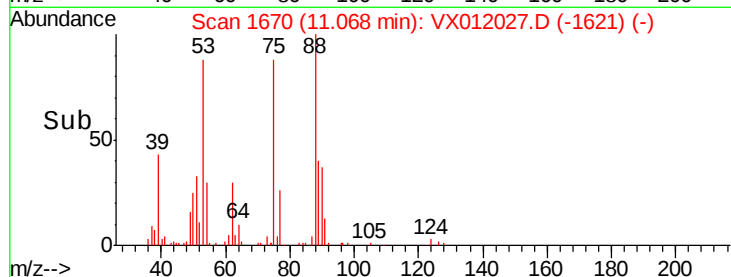
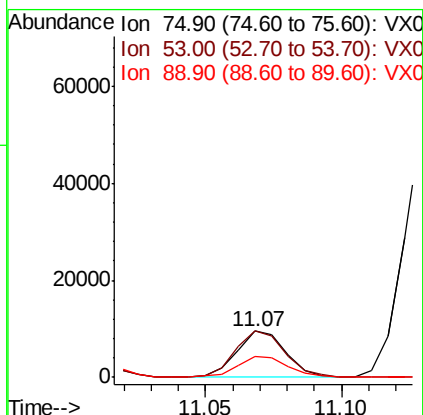
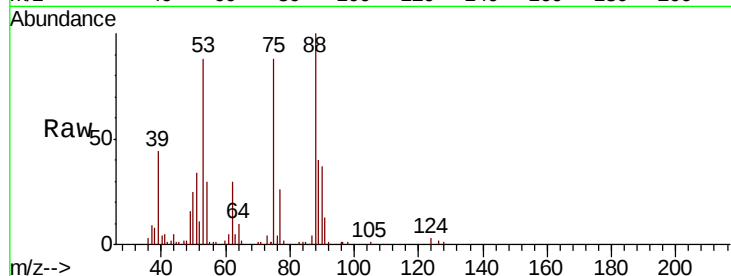
Tgt Ion: 75 Resp: 11980

Ion Ratio Lower Upper

75 100

53 103.3 78.6 117.8

89 46.8 38.8 58.2



#82

4-Chlorotoluene

Concen: 19.545 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012027.D

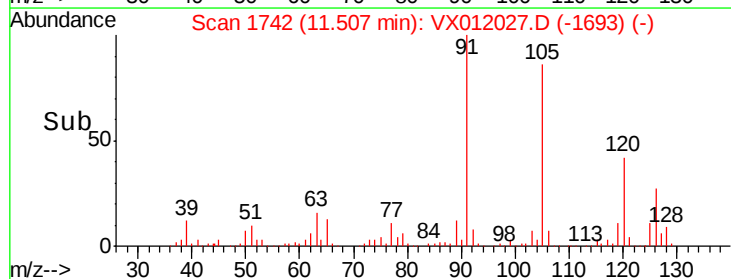
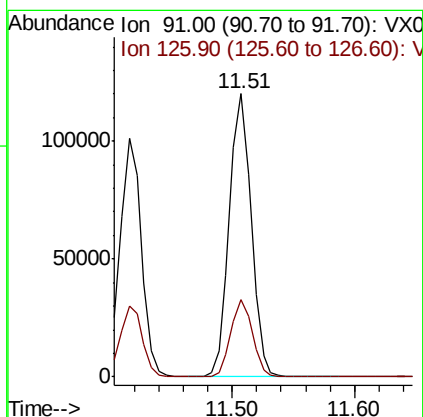
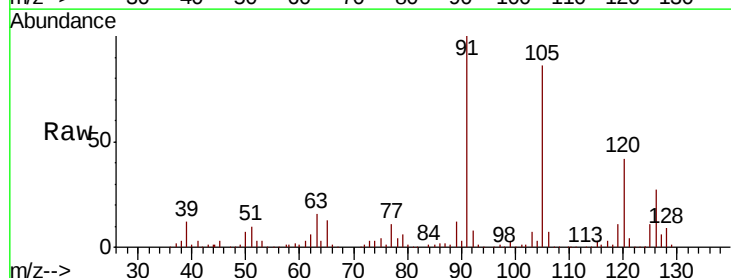
Acq: 03 Sep 2019 17:33

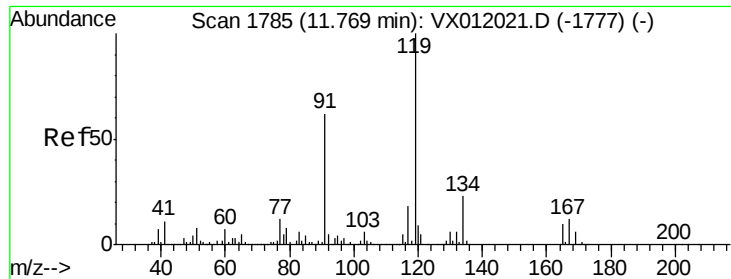
Tgt Ion: 91 Resp: 148139

Ion Ratio Lower Upper

91 100

126 27.4 16.2 48.6

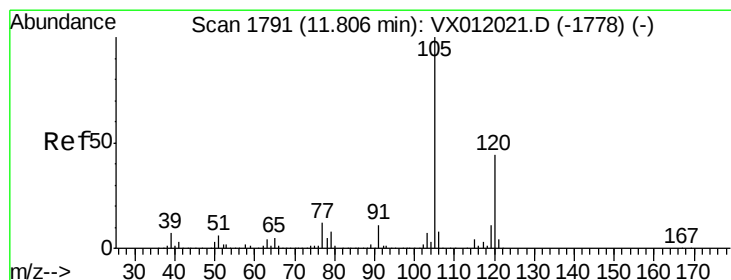
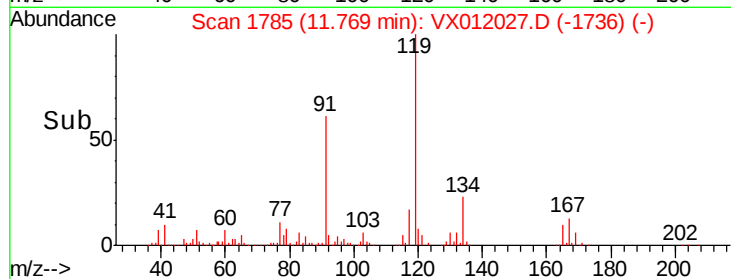
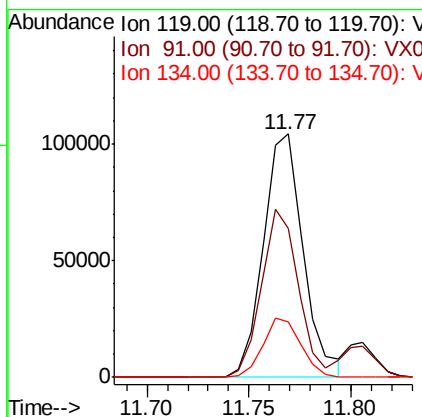
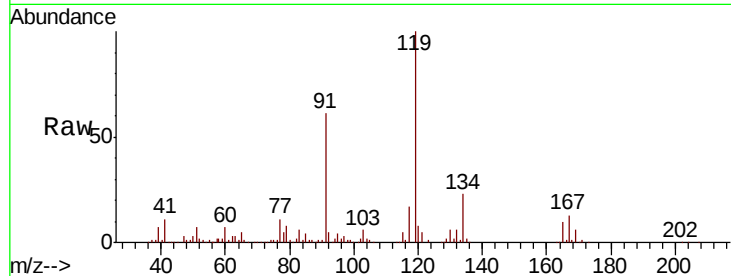




#83
 tert-Butylbenzene
 Concen: 19.621 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

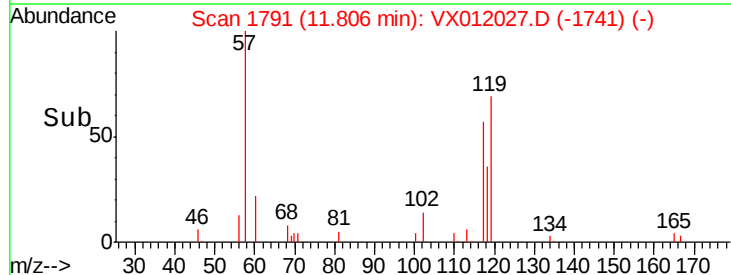
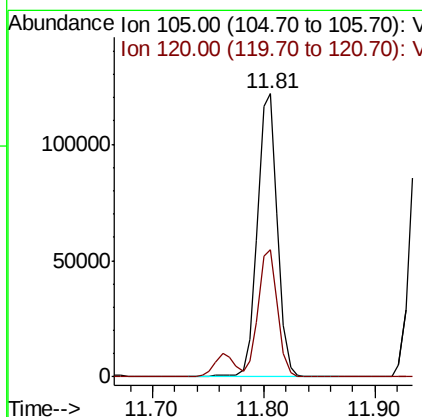
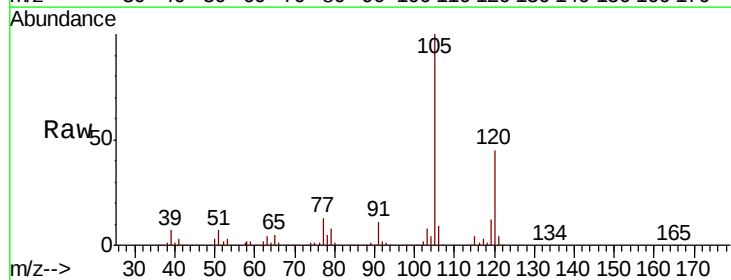
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBSD01

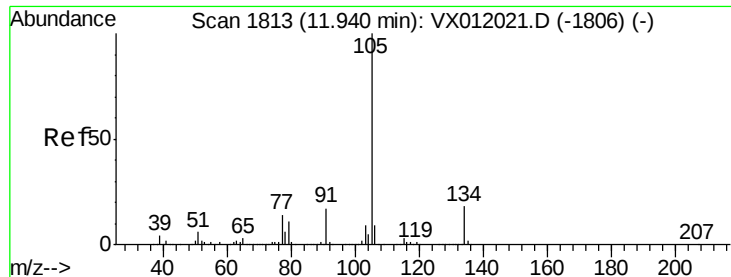
Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.8	27.1	81.2
134	23.1	12.1	36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 19.490 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.5	23.6	70.8





#85

sec-Butylbenzene

Concen: 19.544 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

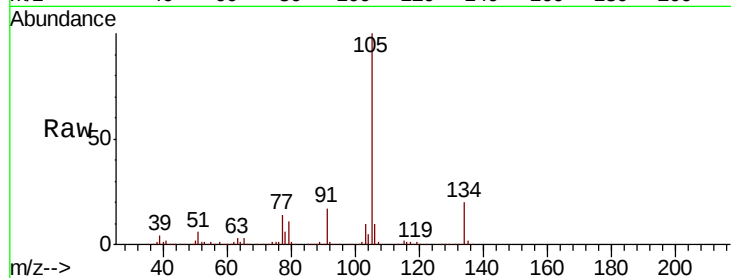
VX0903SBS01

Tgt Ion:105 Resp: 176170

Ion Ratio Lower Upper

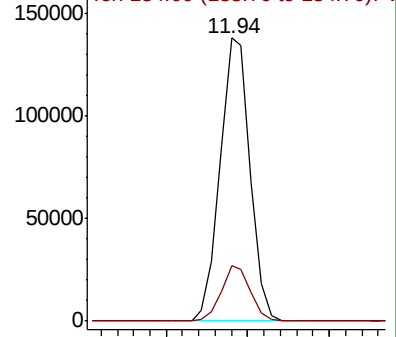
105 100

134 19.1 11.2 33.6

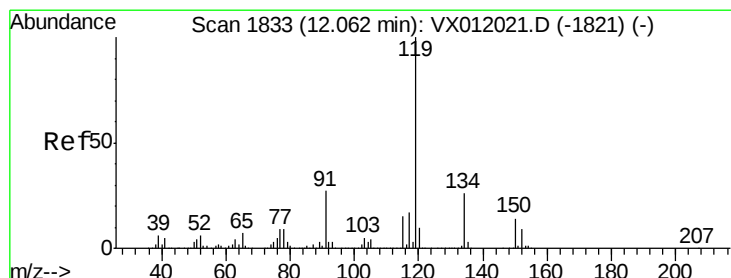
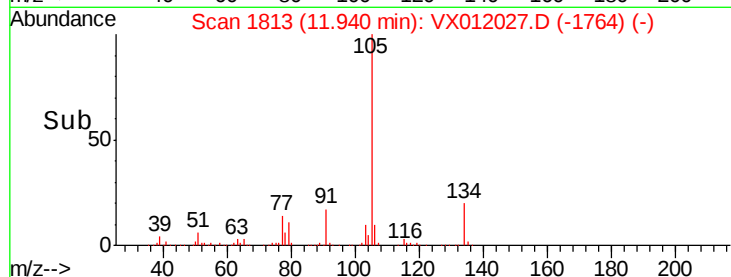


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 19.396 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

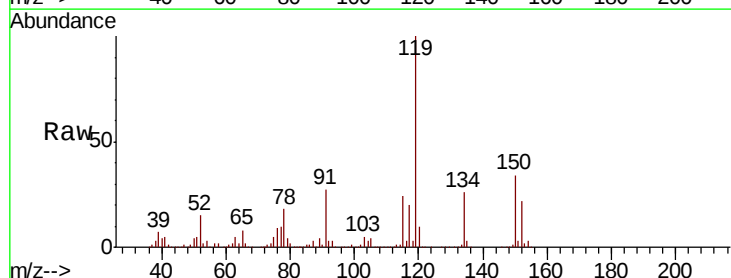
Tgt Ion:119 Resp: 158999

Ion Ratio Lower Upper

119 100

134 25.0 13.7 41.1

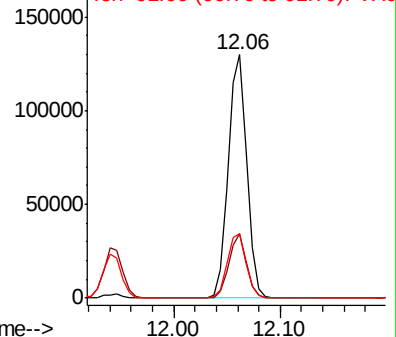
91 26.9 11.4 34.1



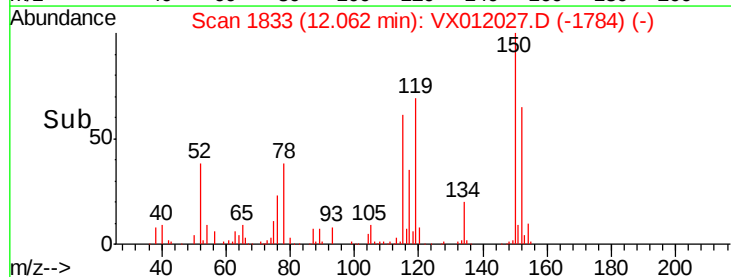
Abundance Ion 119.00 (118.70 to 119.70): V

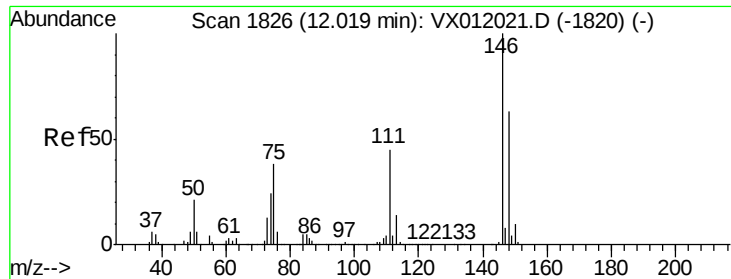
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->

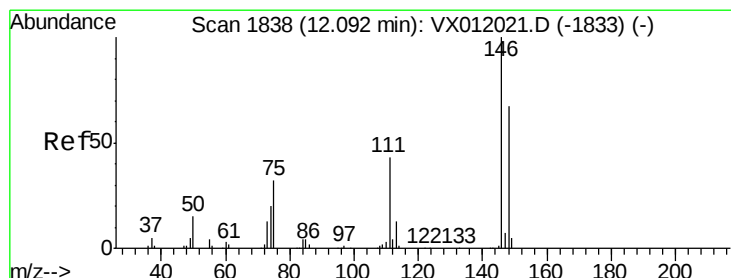
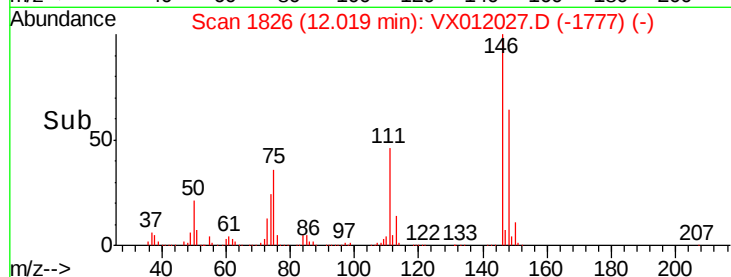
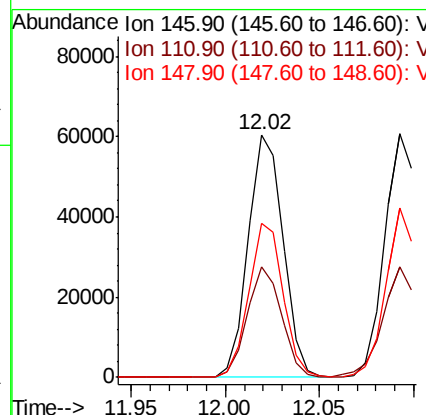
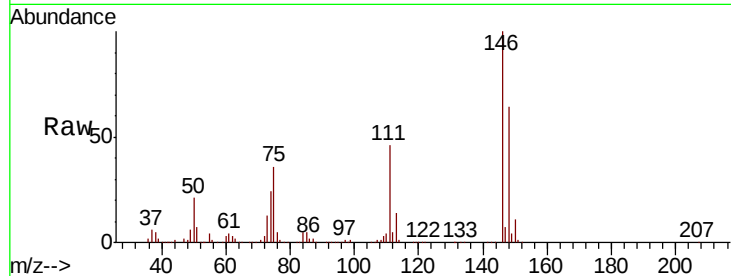




#87
 1,3-Dichlorobenzene
 Concen: 20.005 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

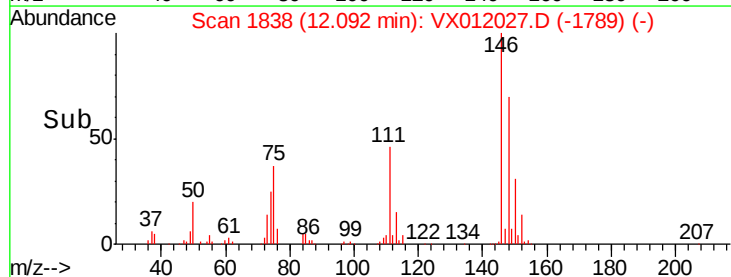
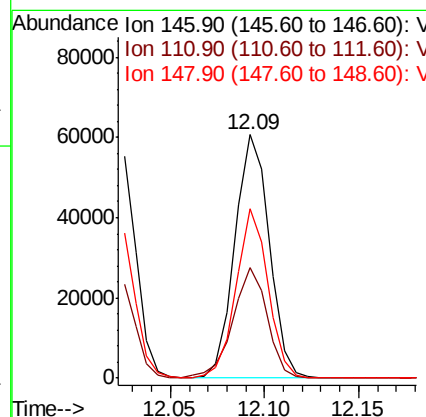
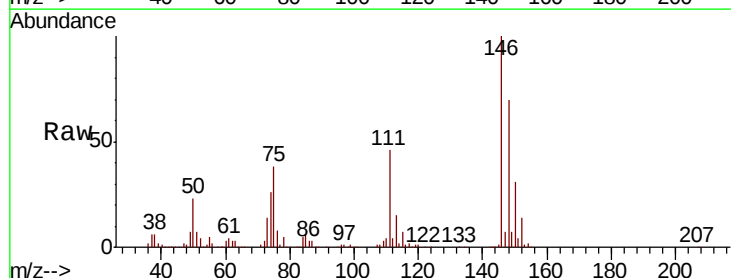
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBS01

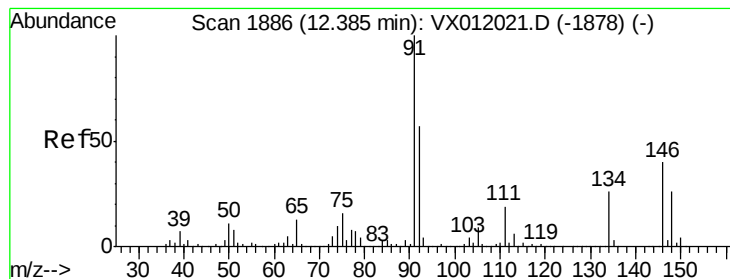
Tgt Ion:146 Resp: 77897
 Ion Ratio Lower Upper
 146 100
 111 45.1 18.1 54.1
 148 62.3 32.6 97.8



#88
 1,4-Dichlorobenzene
 Concen: 19.714 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

Tgt Ion:146 Resp: 76755
 Ion Ratio Lower Upper
 146 100
 111 45.7 17.7 53.1
 148 65.1 32.4 97.0





#89

n-Butylbenzene

Concen: 19.674 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012027.D

Acq: 03 Sep 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX0903SBS01

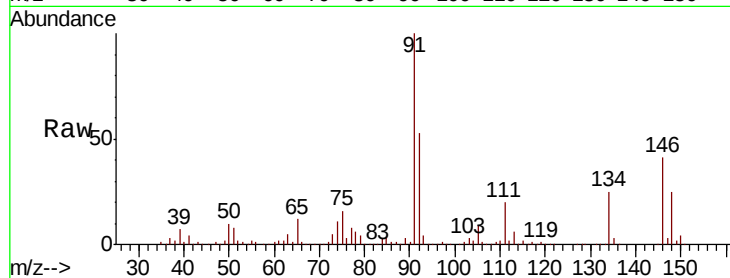
Tgt Ion: 91 Resp: 156666

Ion Ratio Lower Upper

91 100

92 54.6 27.6 82.8

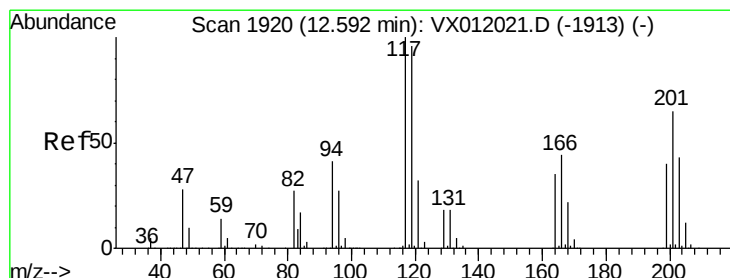
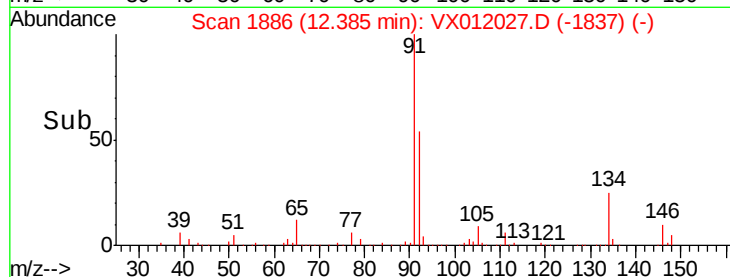
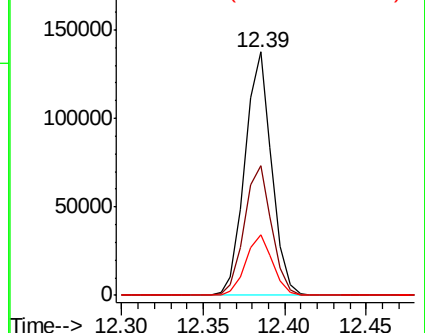
134 25.0 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.728 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012027.D

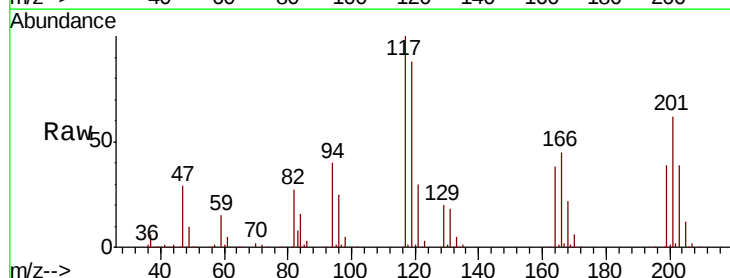
Acq: 03 Sep 2019 17:33

Tgt Ion: 117 Resp: 32291

Ion Ratio Lower Upper

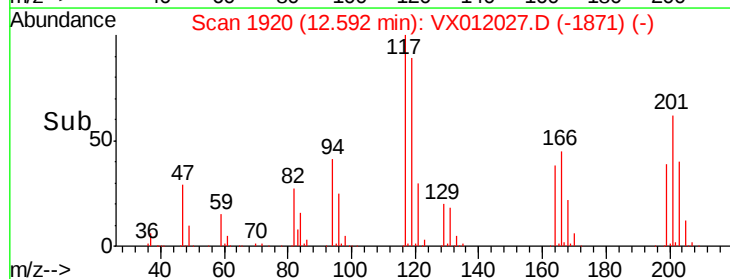
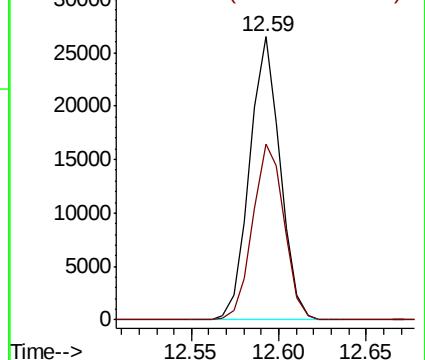
117 100

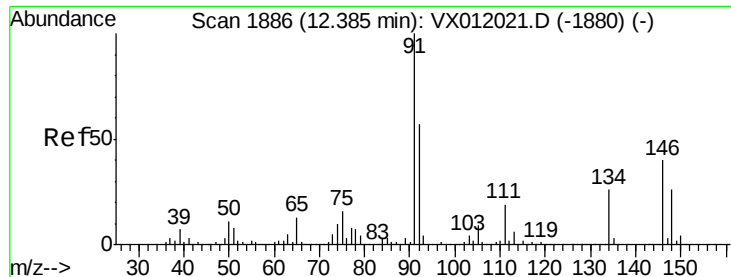
201 64.2 55.0 165.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

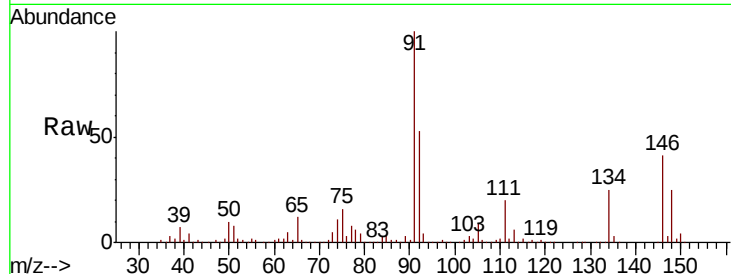




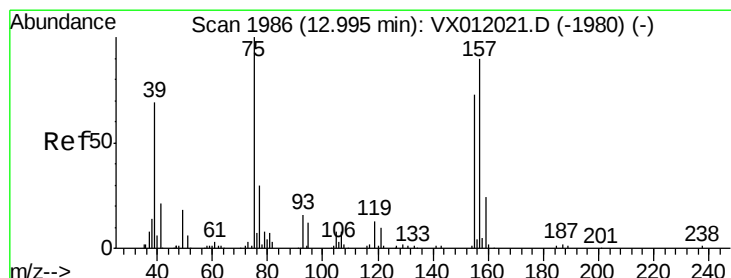
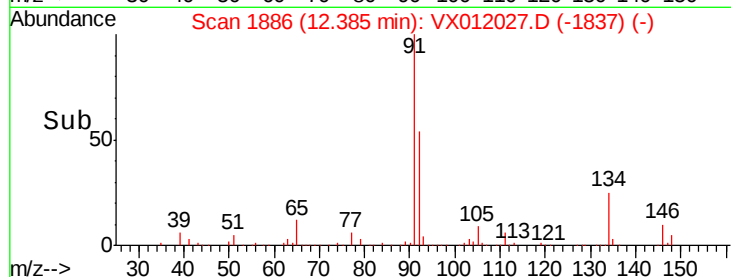
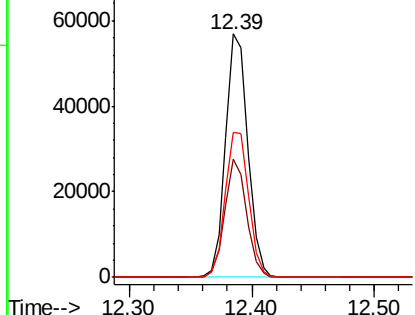
#91
 1,2-Dichlorobenzene
 Concen: 20.447 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBS01

Tgt Ion: 146 Resp: 71704
 Ion Ratio Lower Upper
 146 100
 111 47.8 18.6 56.0
 148 62.7 32.4 97.2

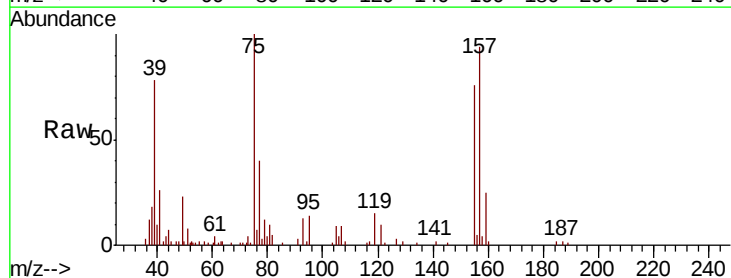


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

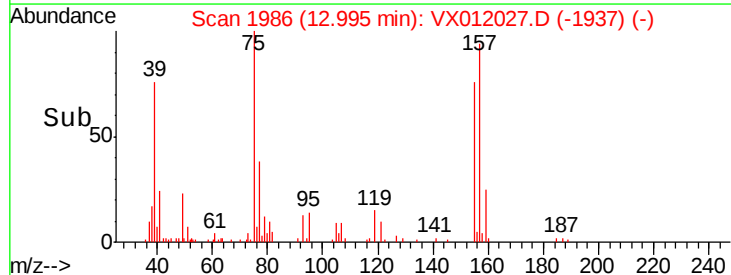
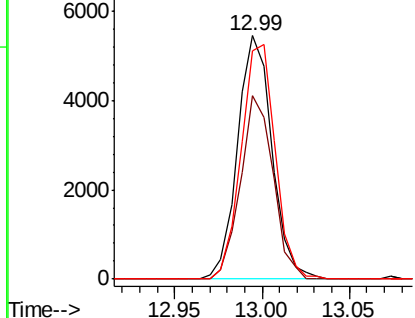


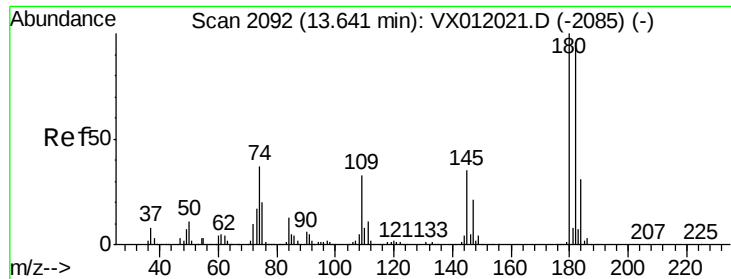
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.663 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

Tgt Ion: 75 Resp: 7453
 Ion Ratio Lower Upper
 75 100
 155 71.3 51.7 155.2
 157 95.3 66.9 200.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

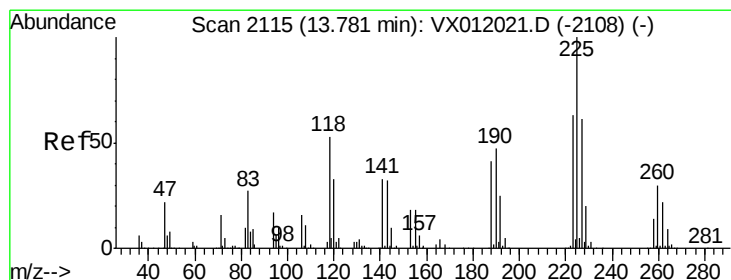
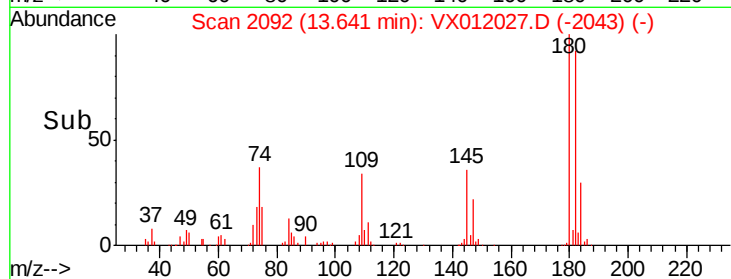
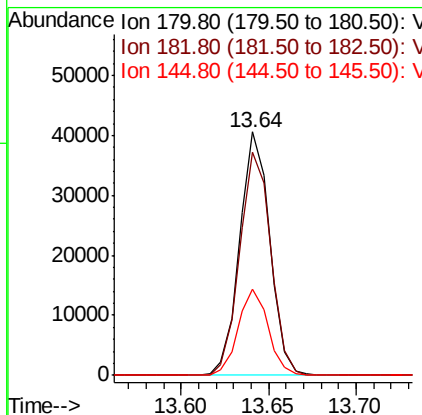
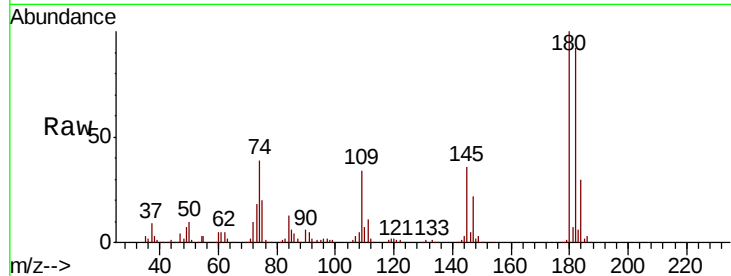




#93
 1,2,4-Trichlorobenzene
 Concen: 19.507 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

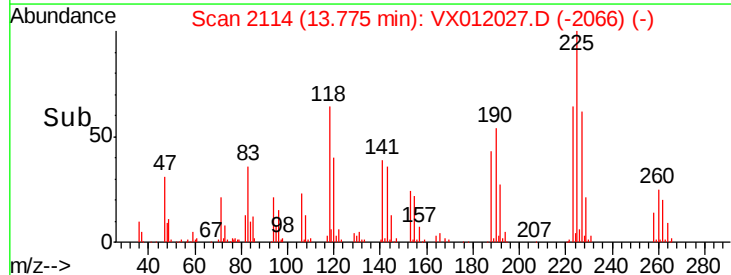
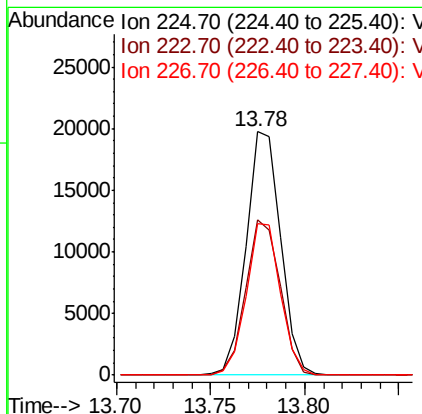
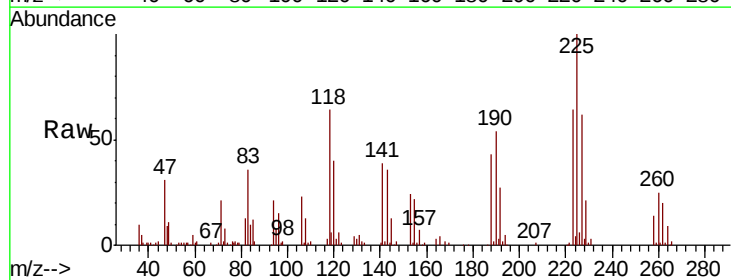
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBSD01

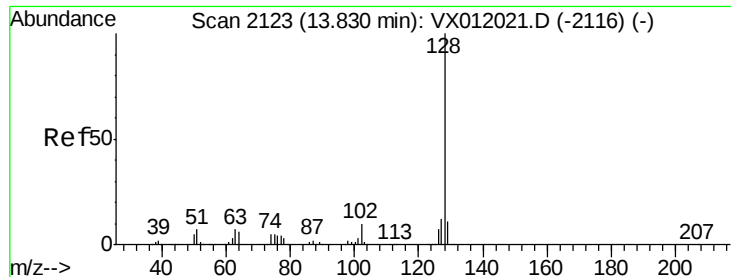
Tgt Ion:180 Resp: 48690
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.3 142.0
 145 35.4 13.7 41.0



#94
 Hexachlorobutadiene
 Concen: 19.876 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012027.D
 Acq: 03 Sep 2019 17:33

Tgt Ion:225 Resp: 25008
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.6 95.0
 227 61.9 32.5 97.5

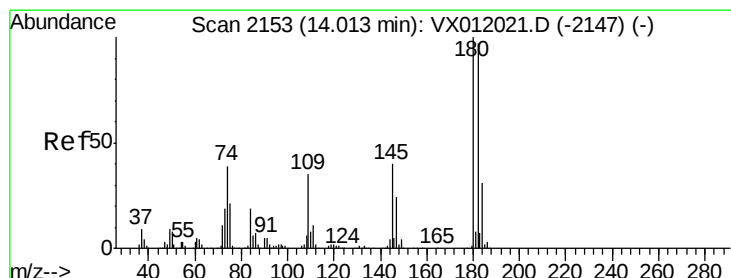
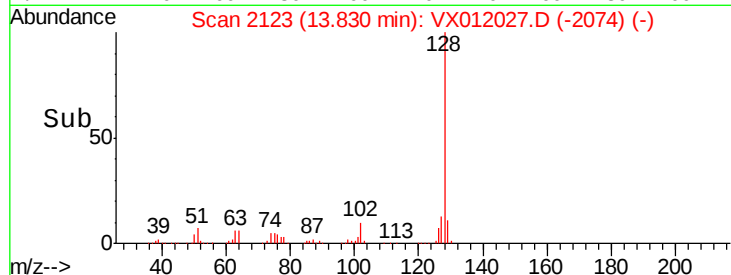
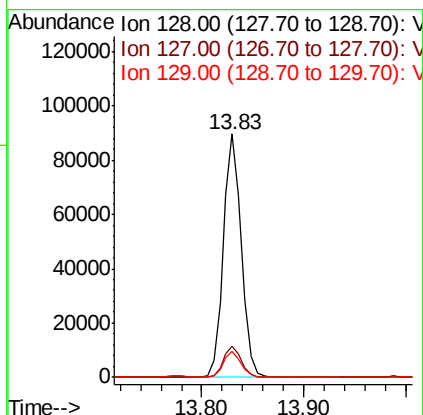
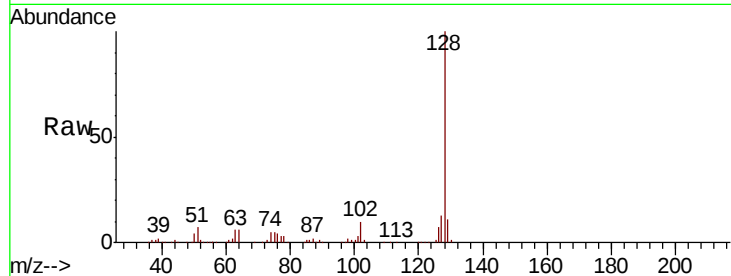




#95
Naphthalene
Concen: 20.197 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012027.D
Acq: 03 Sep 2019 17:33

Instrument :
MSVOA_X
ClientSampleId :
VX0903SBS01

Tgt Ion:128 Resp: 109105
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.730 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX012027.D
Acq: 03 Sep 2019 17:33

Tgt Ion:180 Resp: 43326
Ion Ratio Lower Upper
180 100
182 94.1 47.9 143.6
145 37.8 14.1 42.4

