

Data File : VX011301.D
Acq On : 02 Aug 2019 13:46
Operator : JC/SP
Sample : VX0802MBSD01
Misc : 5.00g/10mL/100uL/10mL/MSVOA_X/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBSD01

Quant Time: Aug 03 05:41:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	150547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	222320	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	203710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105469	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	79035	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
35) Dibromofluoromethane	5.49	113	72053	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
50) Toluene-d8	8.71	98	277582	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
62) 4-Bromofluorobenzene	11.13	95	95973	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	21646	18.616	ug/l	96
3) Chloromethane	1.32	50	25405	19.457	ug/l	99
4) Vinyl Chloride	1.40	62	27836	19.381	ug/l	99
5) Bromomethane	1.63	94	22397	21.865	ug/l	98
6) Chloroethane	1.71	64	18684	19.410	ug/l	99
7) Trichlorofluoromethane	1.92	101	48697	19.069	ug/l	99
8) Diethyl Ether	2.18	74	17110	18.763	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	26201	18.962	ug/l	99
10) Methyl Iodide	2.50	142	30797	17.678	ug/l	100
11) Tert butyl alcohol	3.04	59	33482	110.763	ug/l	100
12) 1,1-Dichloroethene	2.37	96	27002	19.713	ug/l	98
13) Acrolein	2.29	56	17585	93.333	ug/l	98
14) Allyl chloride	2.72	41	34754	19.032	ug/l	97
15) Acrylonitrile	3.14	53	72537	100.545	ug/l	97
16) Acetone	2.43	43	62152	86.127	ug/l	94
17) Carbon Disulfide	2.56	76	57596	17.919	ug/l	100
18) Methyl Acetate	2.76	43	32946	19.978	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	78571	19.465	ug/l	99
20) Methylene Chloride	2.85	84	29792	18.851	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	27540	19.007	ug/l	95
22) Diisopropyl ether	3.85	45	77929	19.418	ug/l	98
23) Vinyl Acetate	3.81	43	326531	98.096	ug/l	99
24) 1,1-Dichloroethane	3.69	63	46324	19.575	ug/l	97
25) 2-Butanone	4.67	43	99369	96.802	ug/l	98
26) 2,2-Dichloropropane	4.58	77	32916	17.893	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	31968	19.155	ug/l	98
28) Bromochloromethane	5.01	49	22481	20.838	ug/l	99
29) Tetrahydrofuran	5.12	42	62786	99.754	ug/l	99
30) Chloroform	5.20	83	49253	19.149	ug/l	99
31) Cyclohexane	5.57	56	37091	18.998	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	41364	18.773	ug/l	98
36) 1,1-Dichloropropene	5.79	75	35493	18.285	ug/l	98
37) Ethyl Acetate	4.82	43	36969	18.987	ug/l	98
38) Carbon Tetrachloride	5.79	117	35448	18.152	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	39677	17.245	ug/l	96
40) Benzene	6.13	78	111962	19.330	ug/l	96
41) Methacrylonitrile	5.03	41	20617	19.389	ug/l	96
42) 1,2-Dichloroethane	6.19	62	37382	19.086	ug/l	97
43) Isopropyl Acetate	6.44	43	58003	18.633	ug/l	99
44) Trichloroethene	7.21	130	32659	18.628	ug/l	97
45) 1,2-Dichloropropane	7.51	63	28144	18.762	ug/l	99
46) Dibromomethane	7.66	93	20133	18.385	ug/l	98
47) Bromodichloromethane	7.89	83	33699	18.176	ug/l	95
48) Methyl methacrylate	7.77	41	27456	18.742	ug/l	96
49) 1,4-Dioxane	7.73	88	16454	387.425	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	197062	98.094	ug/l	99
52) Toluene	8.78	92	72606	18.959	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	34030	17.704	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	40142	18.534	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	30186	19.171	ug/l	96
56) Ethyl methacrylate	9.18	69	41927	18.685	ug/l	98
57) 1,3-Dichloropropane	9.37	76	47780	19.187	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	105471	95.596	ug/l	100
59) 2-Hexanone	9.49	43	153054	98.362	ug/l	99
60) Dibromochloromethane	9.58	129	28079	17.418	ug/l	99
61) 1,2-Dibromoethane	9.67	107	31594	18.572	ug/l	99
64) Tetrachloroethene	9.34	164	32761	18.937	ug/l	98
65) Chlorobenzene	10.13	112	82272	18.836	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	28456	19.030	ug/l	98
67) Ethyl Benzene	10.25	91	137652	18.818	ug/l	95
68) m/p-Xylenes	10.35	106	109169	38.583	ug/l	99
69) o-Xylene	10.69	106	52309	18.816	ug/l	100
70) Styrene	10.71	104	89116	19.373	ug/l	99
71) Bromoform	10.85	173	20218	17.100	ug/l #	99
73) Isopropylbenzene	11.02	105	139724	19.370	ug/l	100
74) N-amyl acetate	10.90	43	50723	19.461	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	47123	19.603	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	47643	24.805	ug/l	85
77) Bromobenzene	11.25	156	38465	19.230	ug/l	99
78) n-propylbenzene	11.36	91	153999	19.198	ug/l	100
79) 2-Chlorotoluene	11.42	91	91684	19.176	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	116802	19.343	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	10462	17.756	ug/l #	86
82) 4-Chlorotoluene	11.51	91	105224	18.884	ug/l	100
83) tert-Butylbenzene	11.77	119	114039	19.256	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	116257	19.338	ug/l	99
85) sec-Butylbenzene	11.94	105	135856	19.093	ug/l	99
86) p-Isopropyltoluene	12.06	119	124802	19.066	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	68336	19.336	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	67794	18.603	ug/l	98
89) n-Butylbenzene	12.38	91	103395	18.334	ug/l	100
90) Hexachloroethane	12.59	117	16765	17.323	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	68277	19.227	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9311	19.993	ug/l	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080219\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

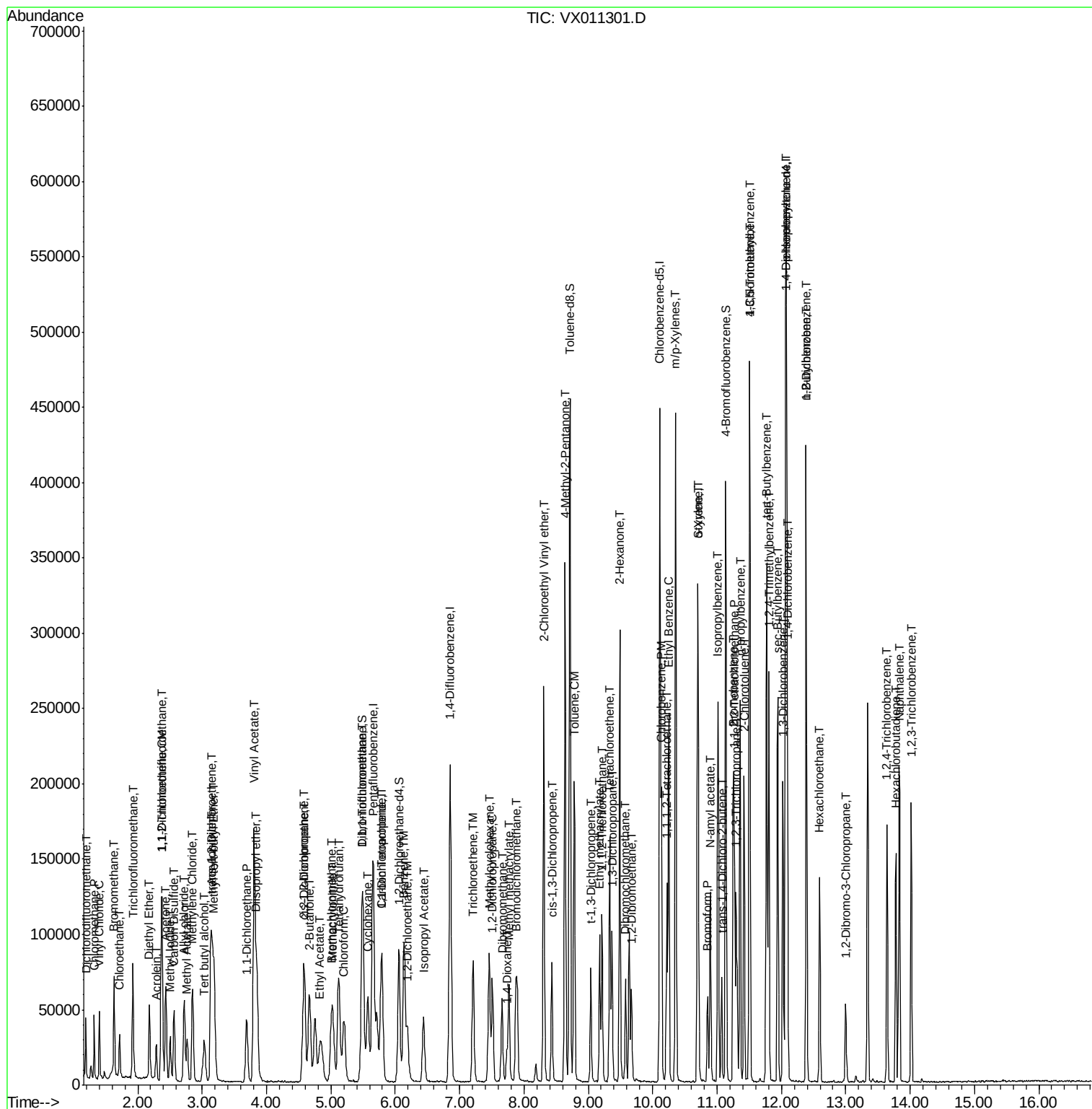
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	44948	19.086	ug/l	96
94) Hexachlorobutadiene	13.78	225	21789	18.236	ug/l	100
95) Naphthalene	13.83	128	134258	19.495	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	45755	19.111	ug/l	99

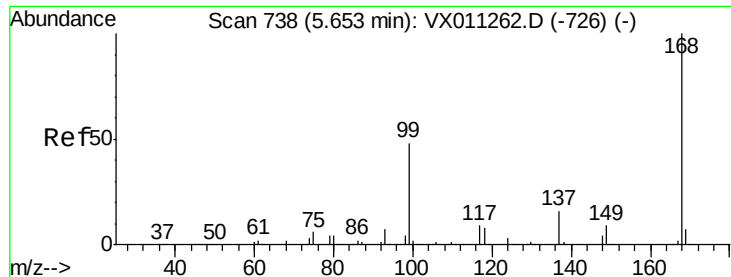
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

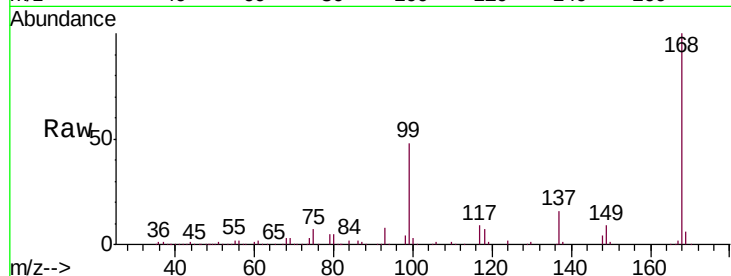
VX0802MBSD01

Tgt Ion:168 Resp: 150547

Ion Ratio Lower Upper

168 100

99 47.5 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

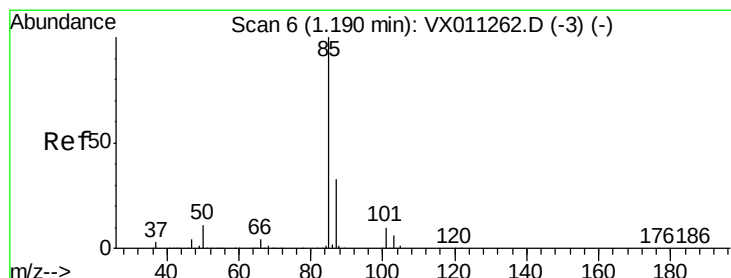
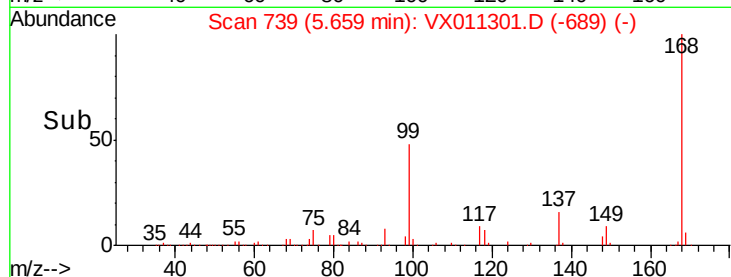
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.616 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011301.D

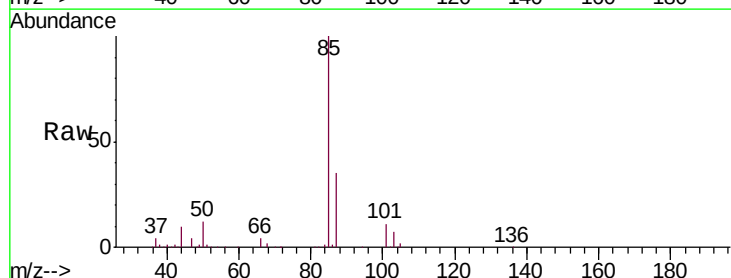
Acq: 02 Aug 2019 13:46

Tgt Ion: 85 Resp: 21646

Ion Ratio Lower Upper

85 100

87 35.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

25000

20000

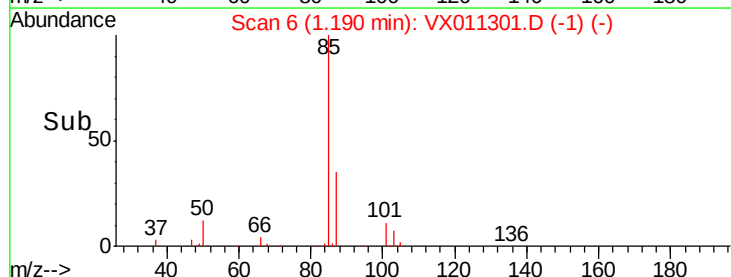
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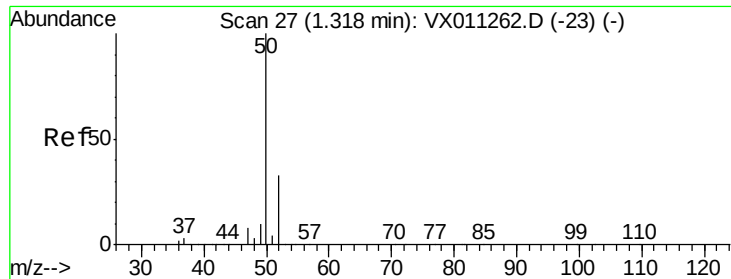
10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 19.457 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

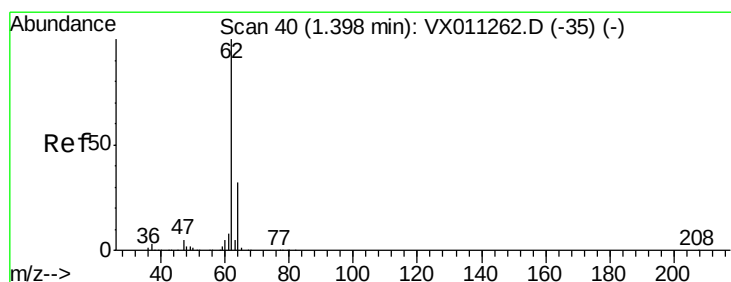
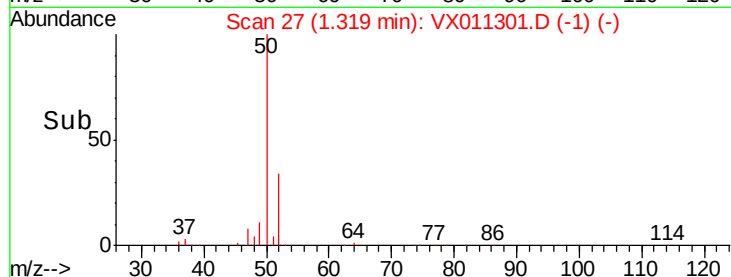
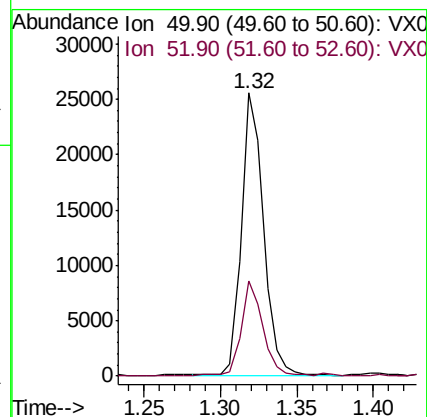
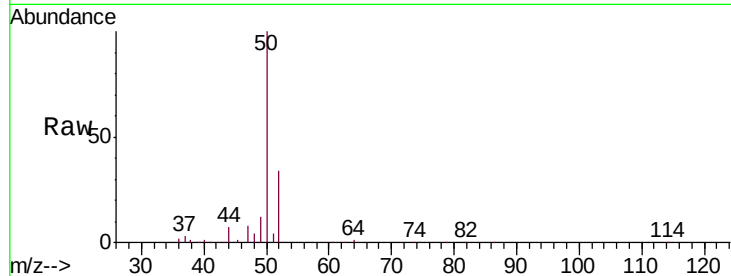
VX0802MBSD01

Tgt Ion: 50 Resp: 25405

Ion Ratio Lower Upper

50 100

52 33.8 26.4 39.6



#4

Vinyl Chloride

Concen: 19.381 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011301.D

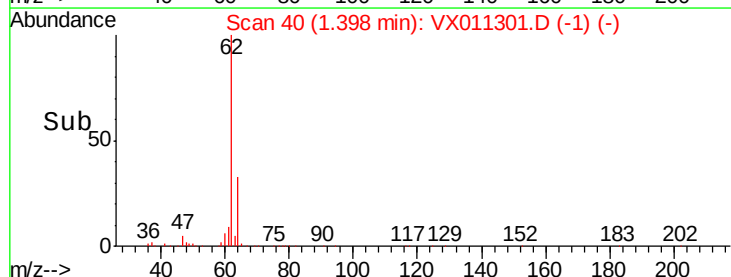
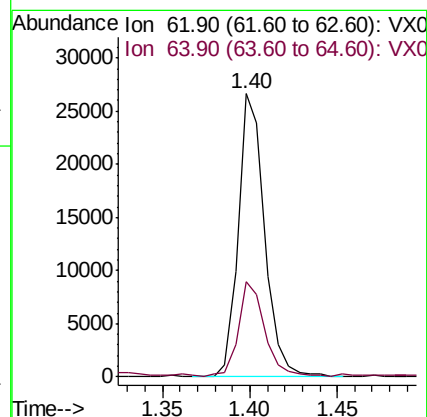
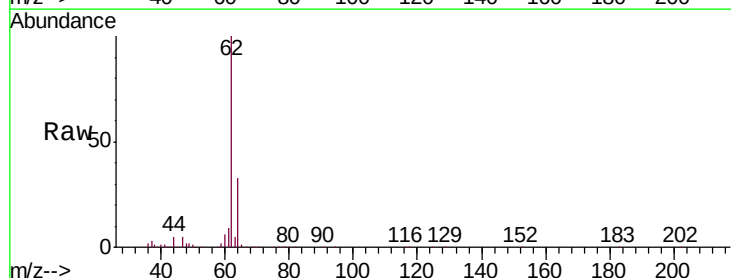
Acq: 02 Aug 2019 13:46

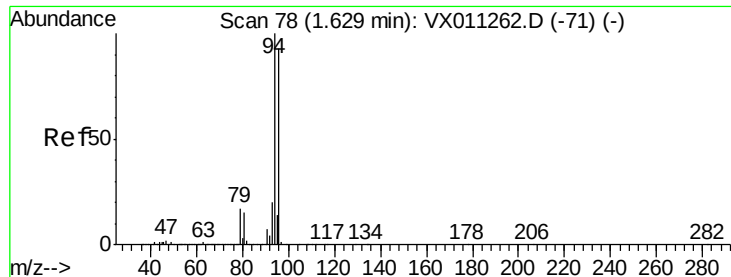
Tgt Ion: 62 Resp: 27836

Ion Ratio Lower Upper

62 100

64 32.8 26.0 39.0





#5

Bromomethane

Concen: 21.865 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

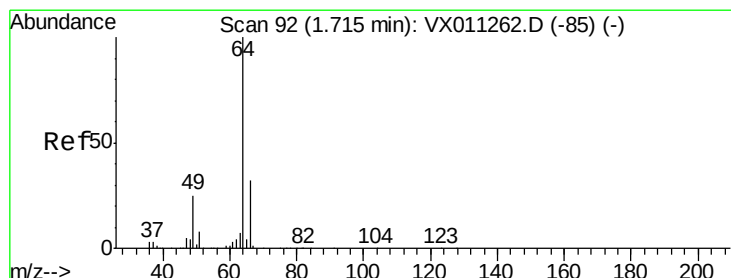
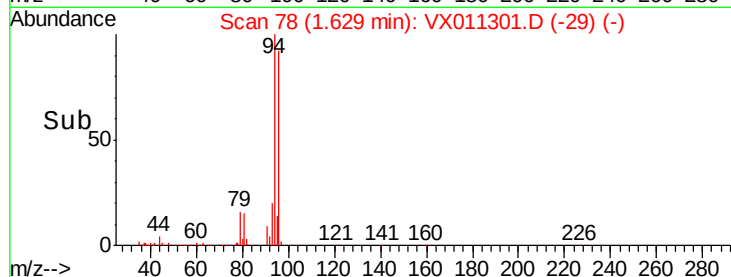
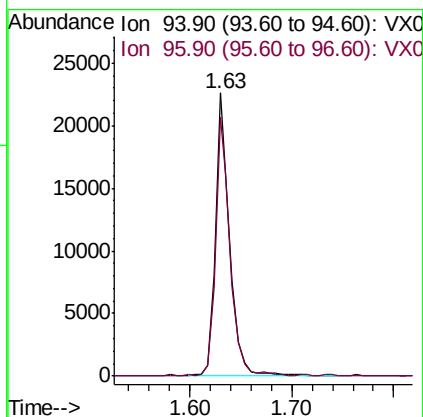
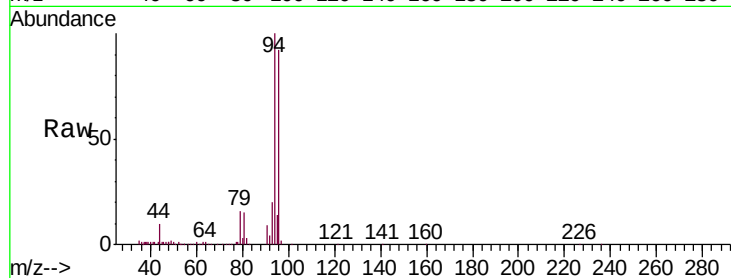
VX0802MBSD01

Tgt Ion: 94 Resp: 22397

Ion Ratio Lower Upper

94 100

96 91.6 74.6 112.0



#6

Chloroethane

Concen: 19.410 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011301.D

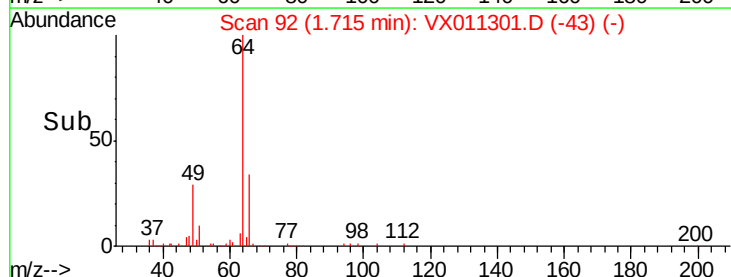
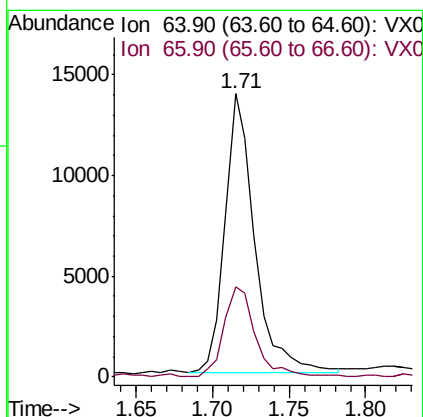
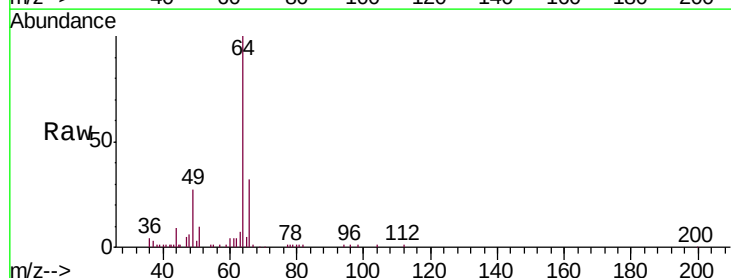
Acq: 02 Aug 2019 13:46

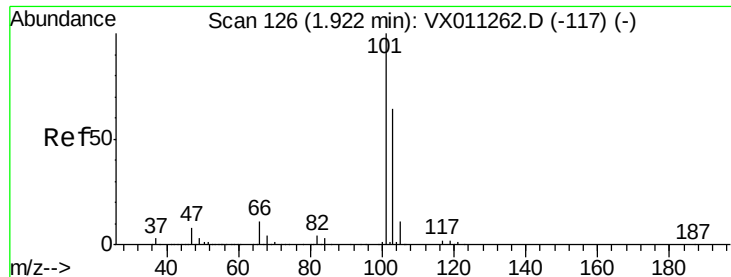
Tgt Ion: 64 Resp: 18684

Ion Ratio Lower Upper

64 100

66 31.7 25.1 37.7



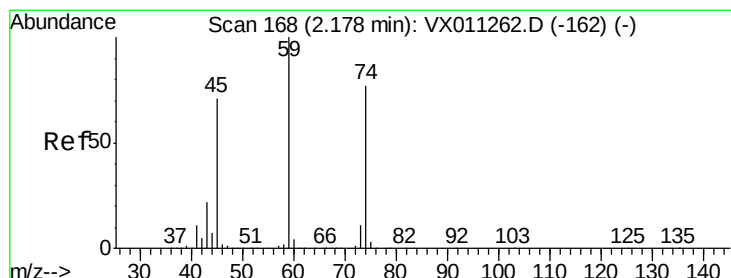
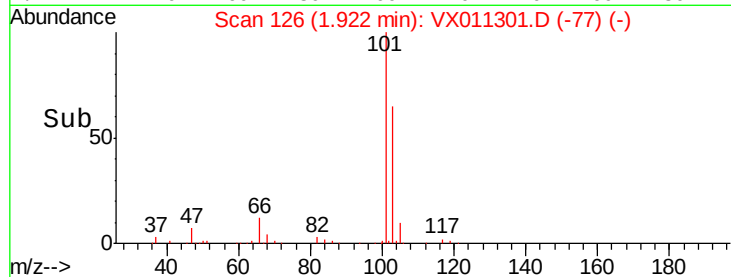
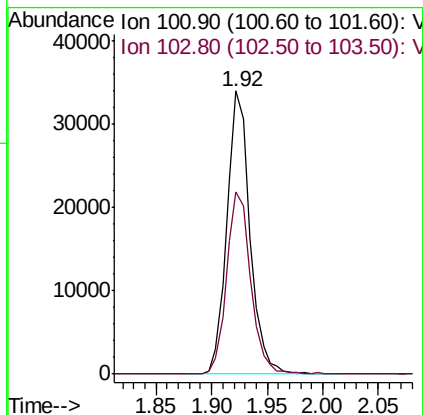
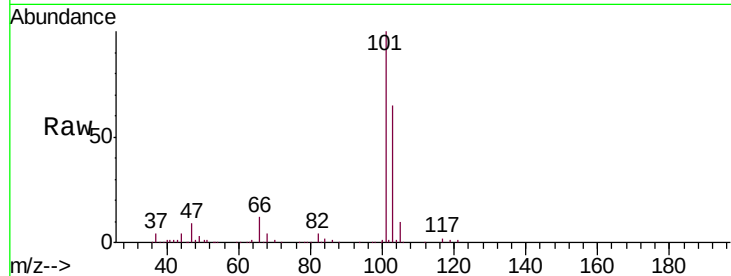


#7

Trichlorofluoromethane
 Concen: 19.069 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
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Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802MBSD01

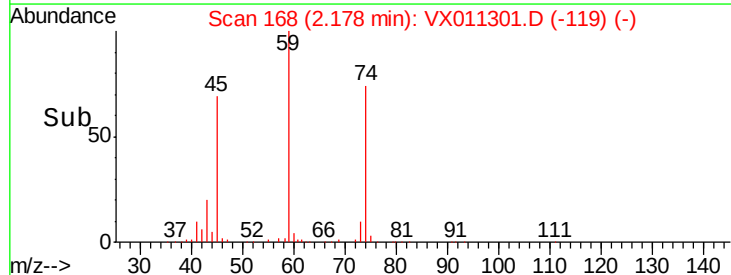
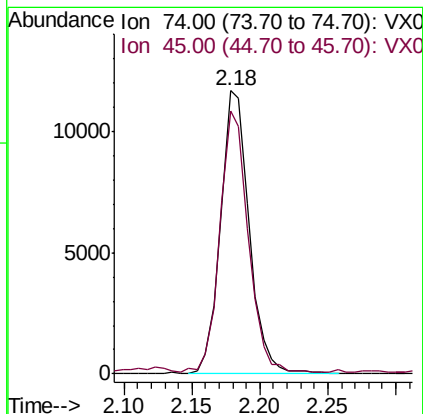
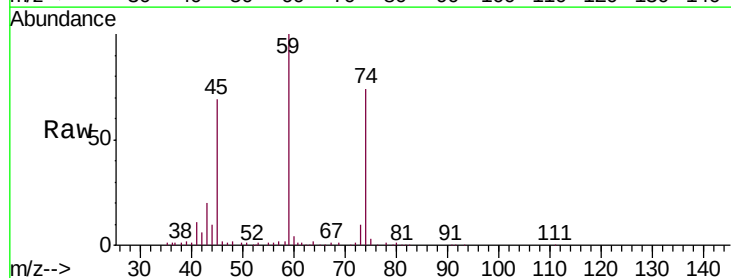
Tgt Ion: 101 Resp: 48697
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.9 76.3

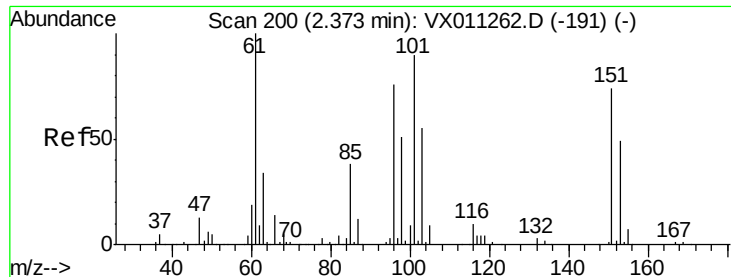


#8

Diethyl Ether
 Concen: 18.763 ug/l
 RT: 2.18 min Scan# 168
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Tgt Ion: 74 Resp: 17110
 Ion Ratio Lower Upper
 74 100
 45 90.8 46.1 138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.962 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBSD01

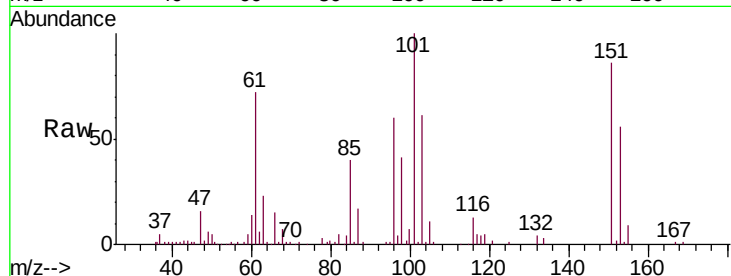
Tgt Ion:101 Resp: 26201

Ion Ratio Lower Upper

101 100

85 43.0 33.8 50.6

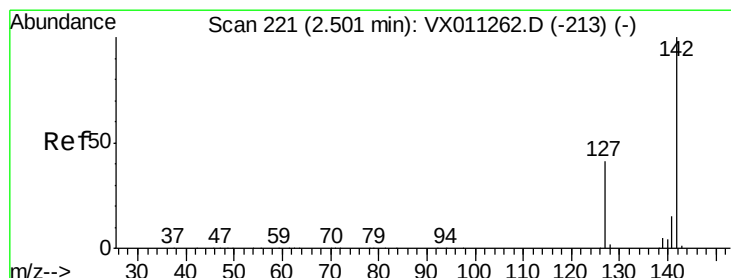
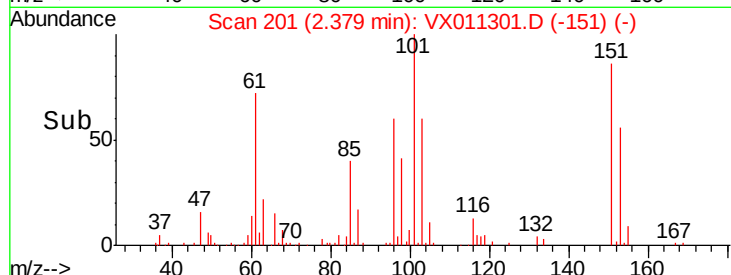
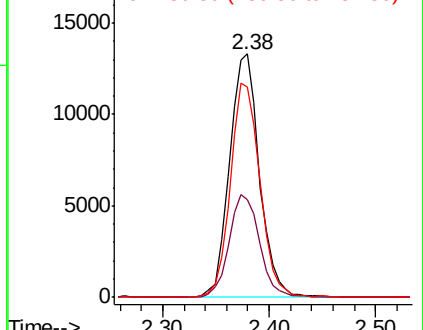
151 87.1 69.5 104.3



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: 17.678 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

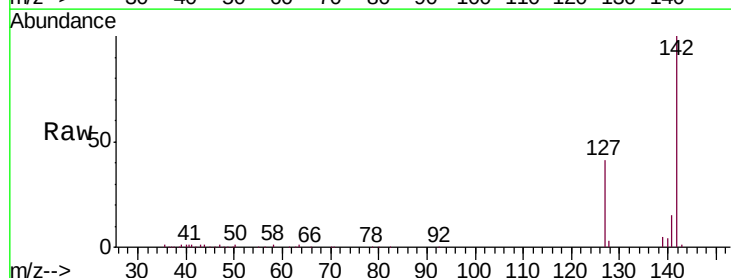
Tgt Ion:142 Resp: 30797

Ion Ratio Lower Upper

142 100

127 42.3 33.8 50.8

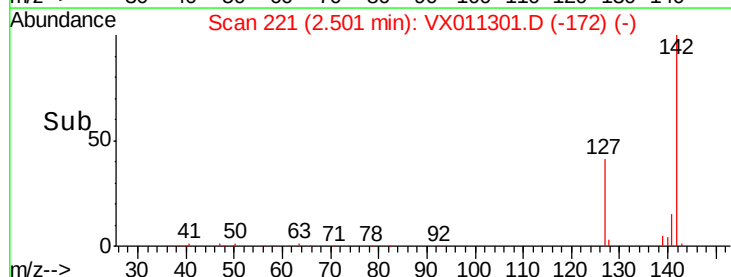
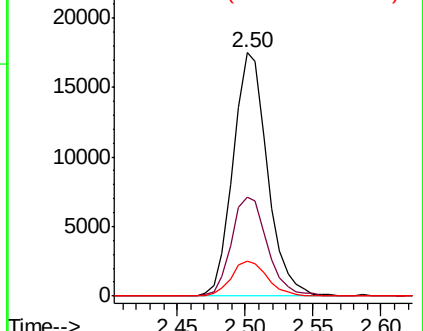
141 15.0 11.4 17.2

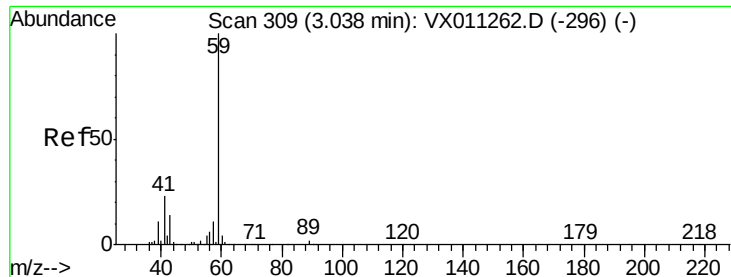


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 110.763 ug/l

RT: 3.04 min Scan# 309

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

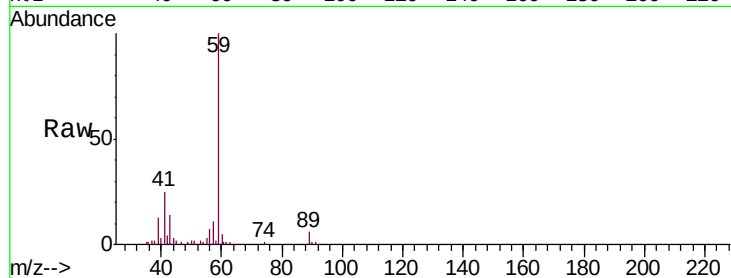
VX0802MBSD01

Tgt Ion: 59 Resp: 33482

Ion Ratio Lower Upper

59 100

57 10.3 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

15000

10000

5000

0

Time-->

2.90

3.00

3.10

3.20

3.30

3.40

3.50

3.60

3.70

3.80

3.90

4.00

4.10

4.20

4.30

4.40

4.50

4.60

4.70

4.80

4.90

5.00

5.10

5.20

5.30

5.40

5.50

5.60

5.70

5.80

5.90

6.00

6.10

6.20

6.30

6.40

6.50

6.60

6.70

6.80

6.90

7.00

7.10

7.20

7.30

7.40

7.50

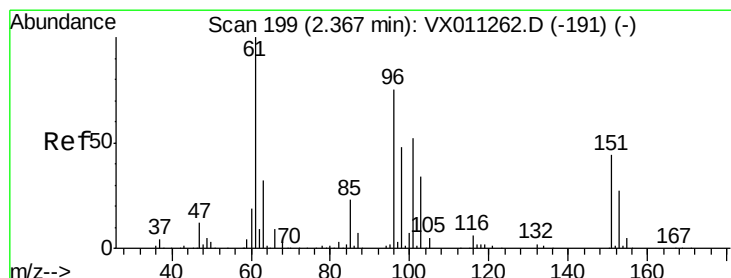
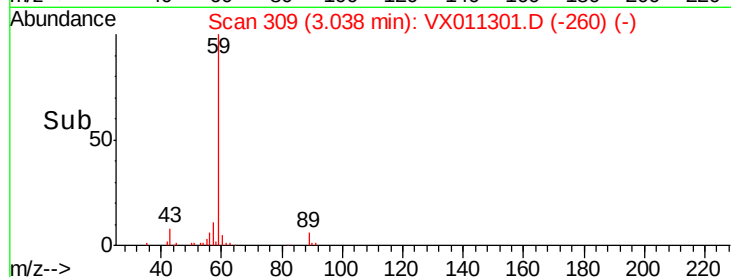
7.60

7.70

7.80

7.90

8.00



#12

1,1-Dichloroethene

Concen: 19.713 ug/l

RT: 2.37 min Scan# 199

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

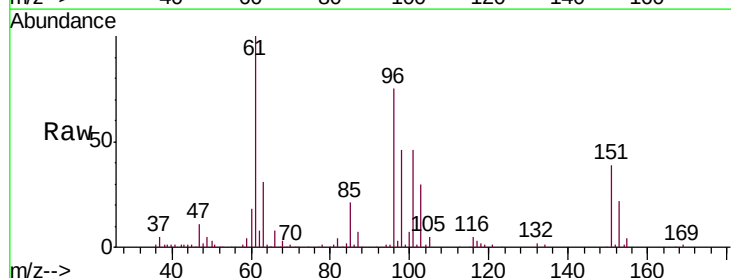
Tgt Ion: 96 Resp: 27002

Ion Ratio Lower Upper

96 100

61 134.2 106.2 159.2

98 61.4 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

30000

25000

20000

15000

10000

5000

0

Time-->

2.30

2.35

2.40

2.45

2.50

2.55

2.60

2.65

2.70

2.75

2.80

2.85

2.90

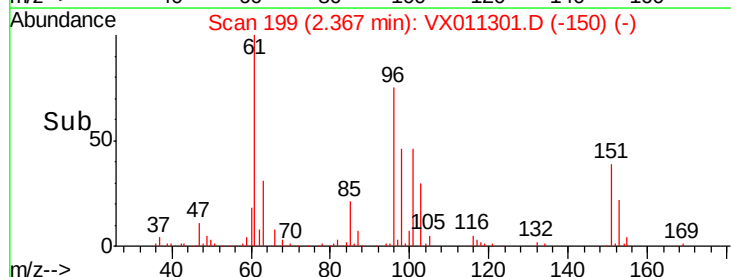
2.95

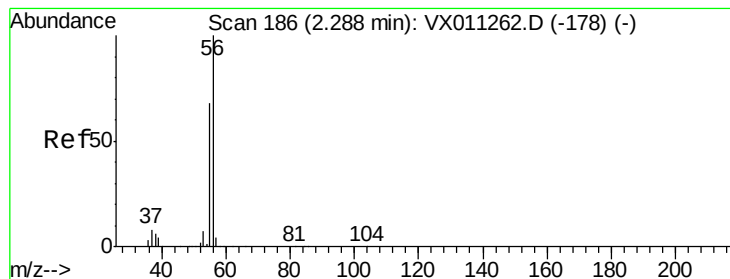
3.00

3.05

3.10

3.15





#13

Acrolein

Concen: 93.333 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

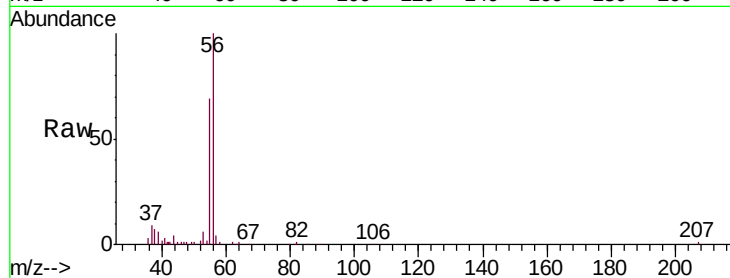
VX0802MBSD01

Tgt Ion: 56 Resp: 17585

Ion Ratio Lower Upper

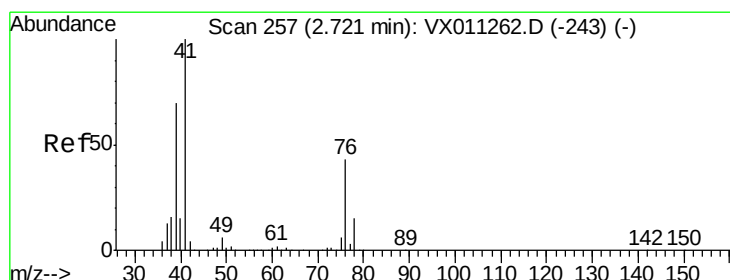
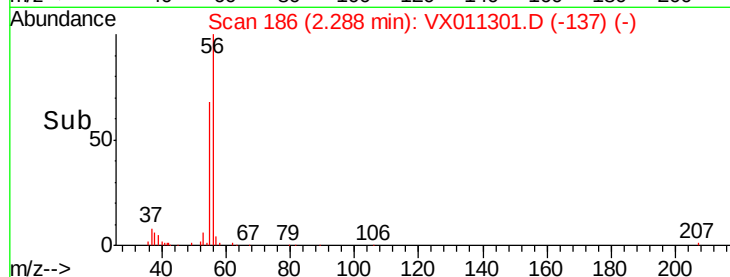
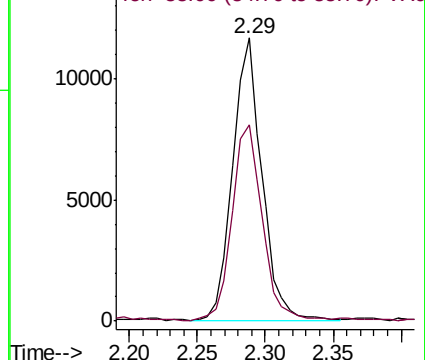
56 100

55 71.8 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.032 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

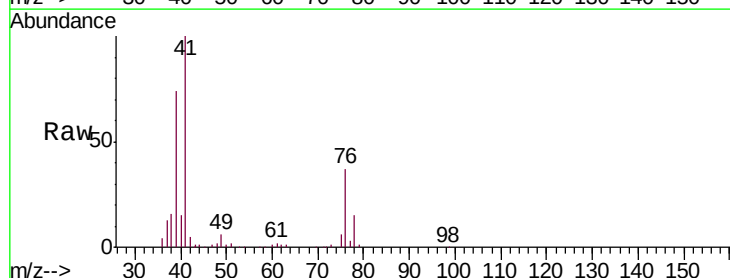
Tgt Ion: 41 Resp: 34754

Ion Ratio Lower Upper

41 100

39 69.3 52.8 79.2

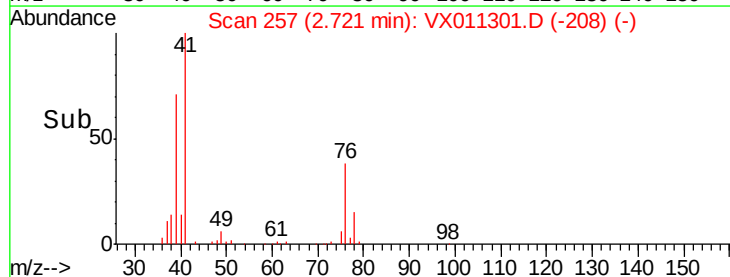
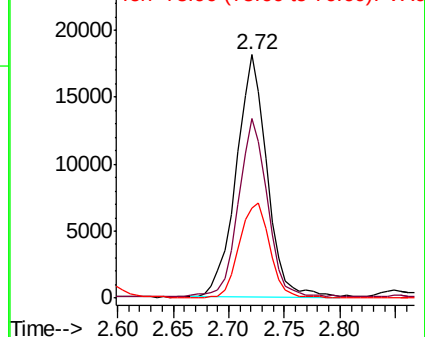
76 39.0 31.1 46.7

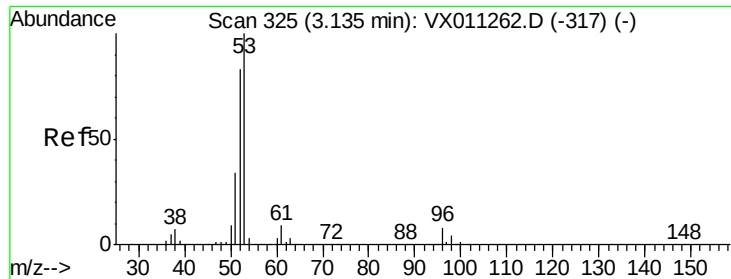


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 100.545 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBSD01

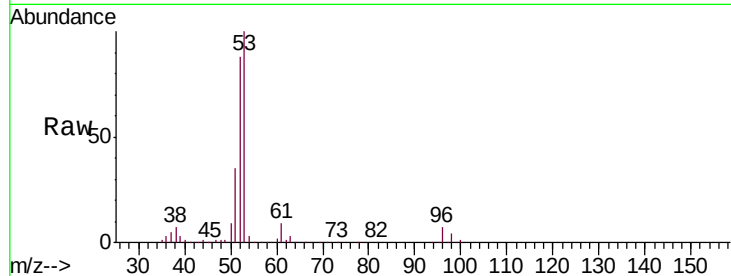
Tgt Ion: 53 Resp: 72537

Ion Ratio Lower Upper

53 100

52 84.5 65.5 98.3

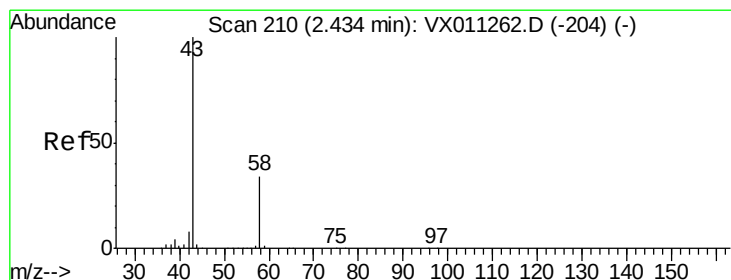
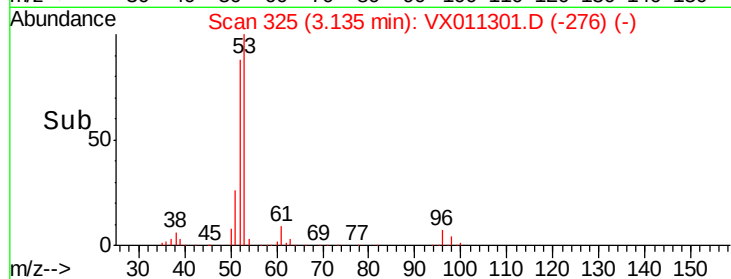
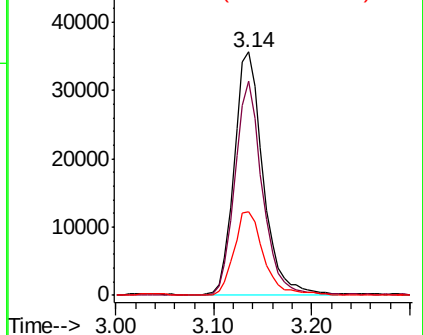
51 36.4 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 86.127 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011301.D

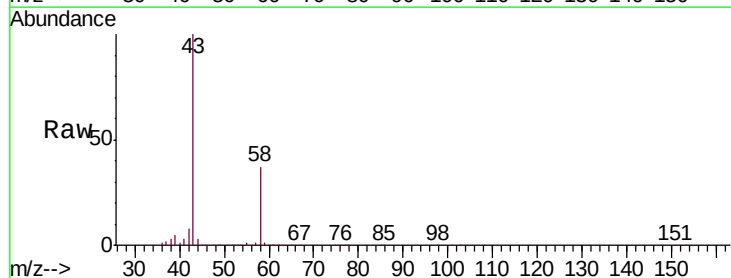
Acq: 02 Aug 2019 13:46

Tgt Ion: 43 Resp: 62152

Ion Ratio Lower Upper

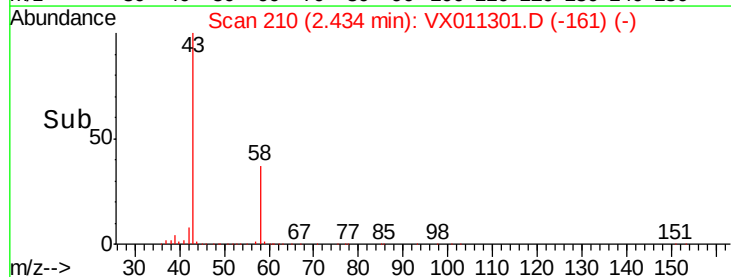
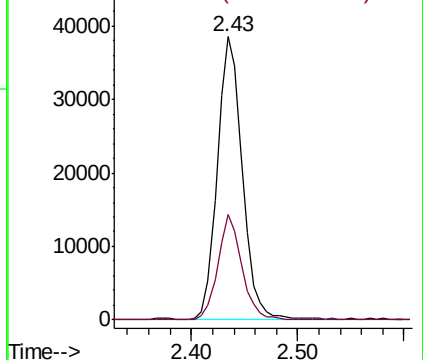
43 100

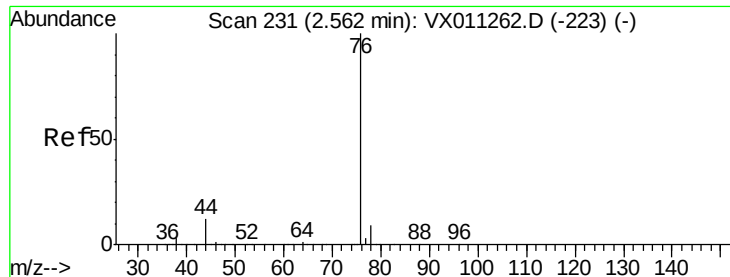
58 37.4 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.919 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

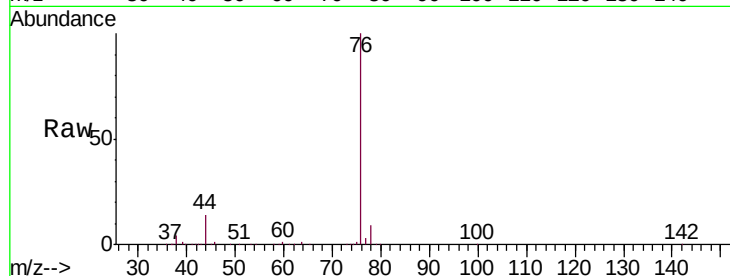
VX0802MBSD01

Tgt Ion: 76 Resp: 57596

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

40000

30000

20000

10000

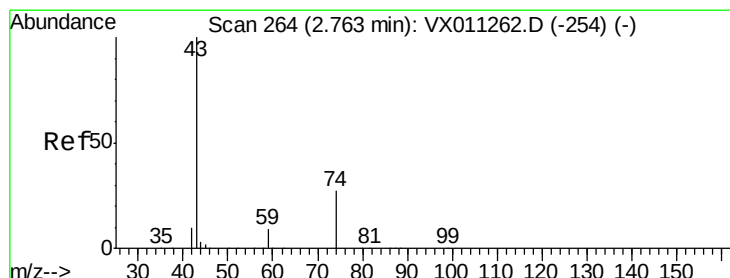
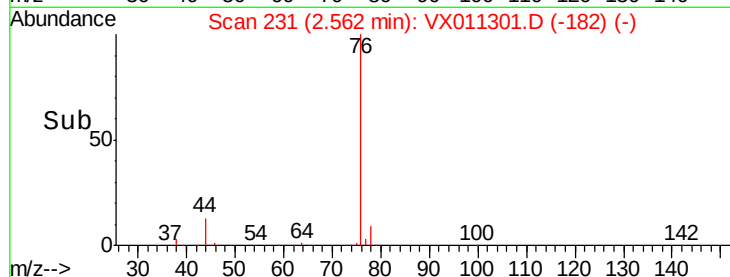
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 19.978 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011301.D

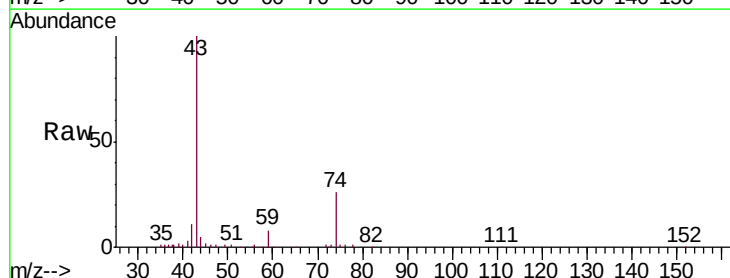
Acq: 02 Aug 2019 13:46

Tgt Ion: 43 Resp: 32946

Ion Ratio Lower Upper

43 100

74 26.7 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

20000

15000

10000

5000

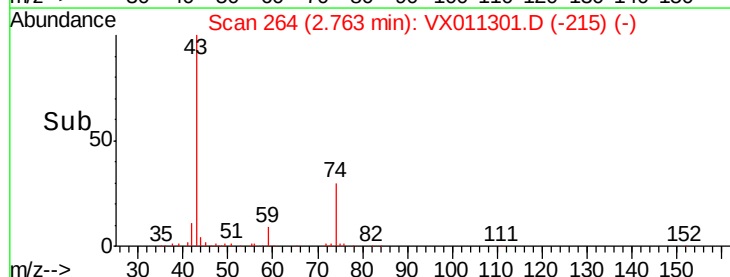
0

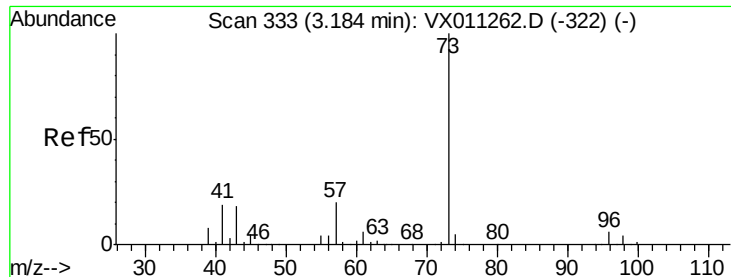
Time-->

2.70

2.80

2.90

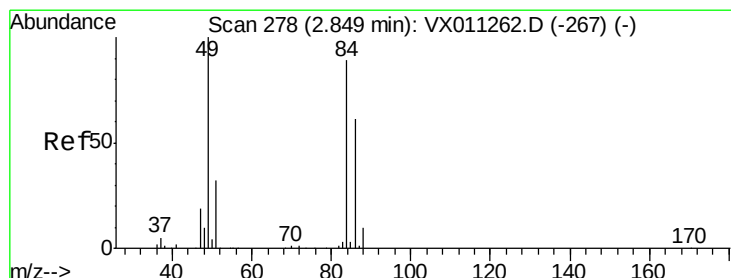
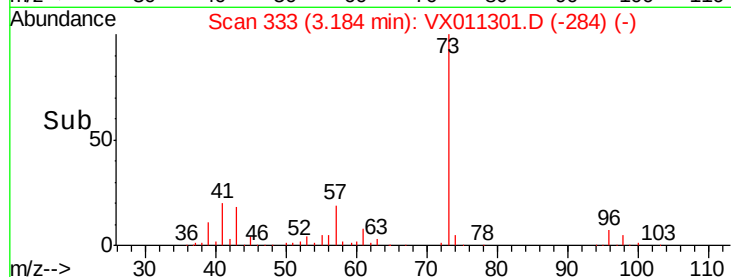
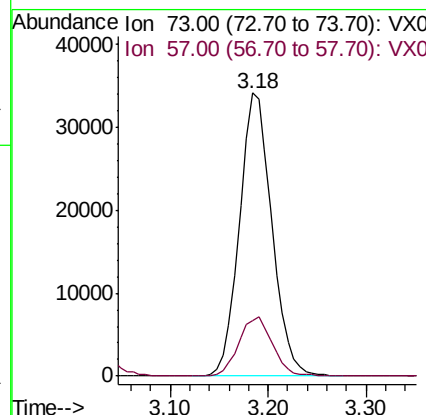
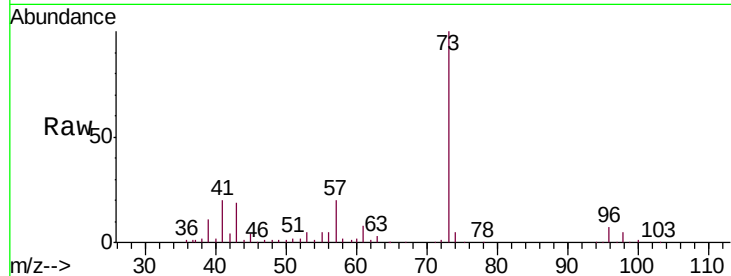




#19
Methyl tert-butyl Ether
Concen: 19.465 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

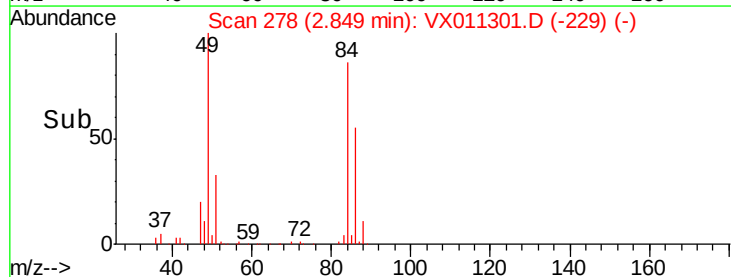
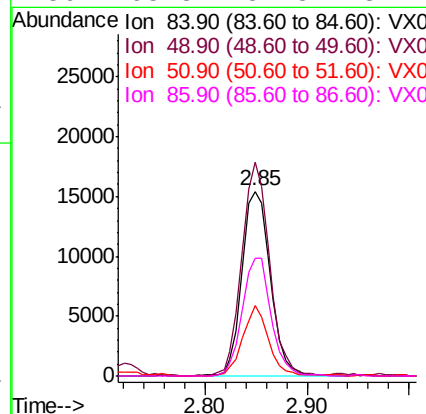
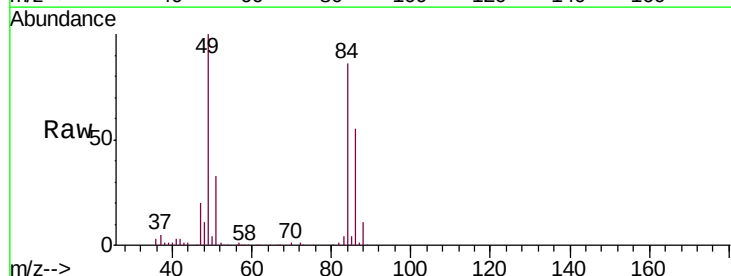
Instrument :
MSVOA_X
ClientSampleId :
VX0802MBSD01

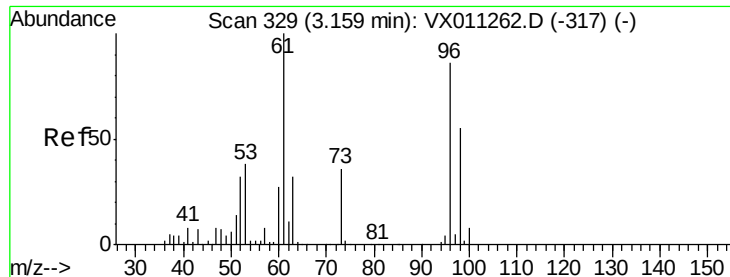
Tgt Ion: 73 Resp: 78571
Ion Ratio Lower Upper
73 100
57 19.6 16.2 24.2



#20
Methylene Chloride
Concen: 18.851 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion: 84 Resp: 29792
Ion Ratio Lower Upper
84 100
49 115.9 89.3 133.9
51 38.1 28.3 42.5
86 63.8 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 19.007 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBSD01

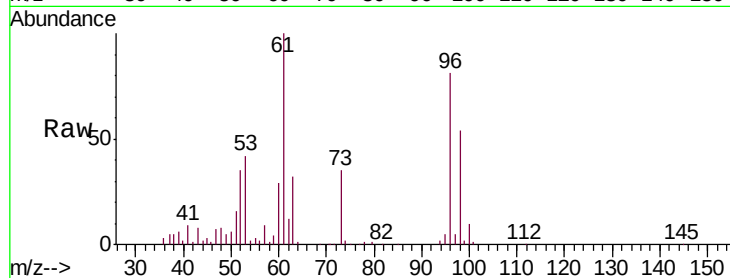
Tgt Ion: 96 Resp: 27540

Ion Ratio Lower Upper

96 100

61 123.0 92.8 139.2

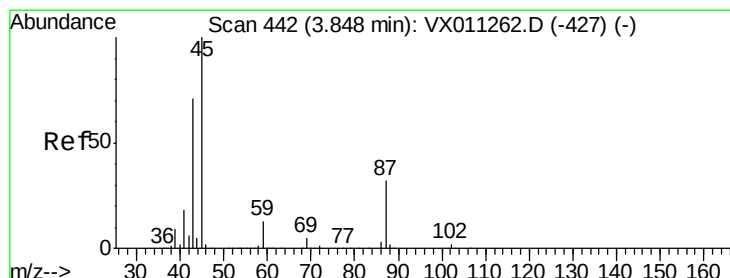
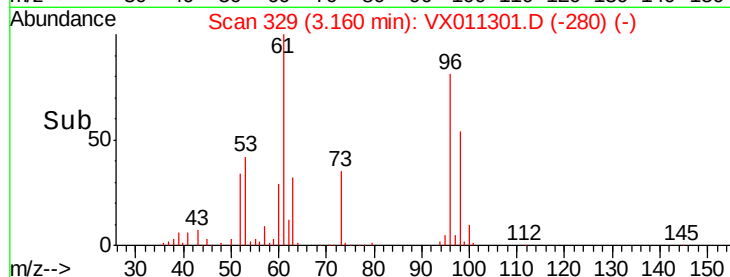
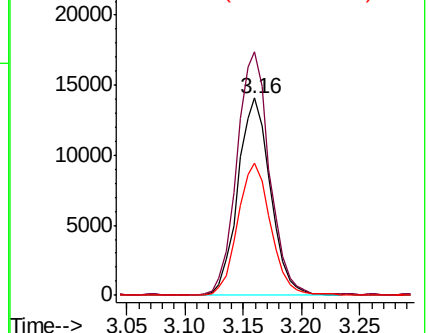
98 66.9 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.418 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Tgt Ion: 45 Resp: 77929

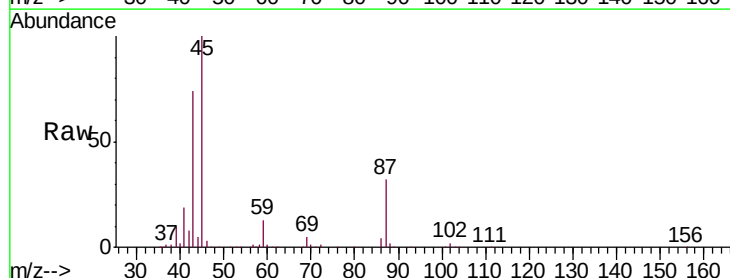
Ion Ratio Lower Upper

45 100

43 72.9 56.8 85.2

87 31.6 25.8 38.6

59 12.7 10.3 15.5

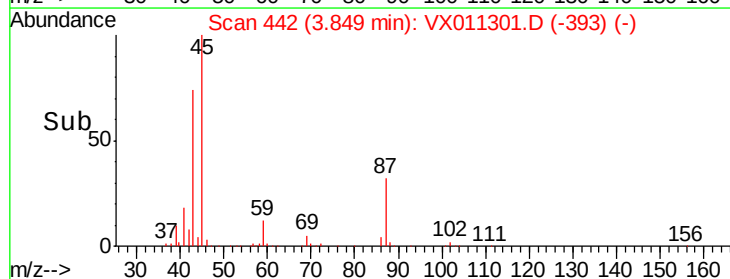
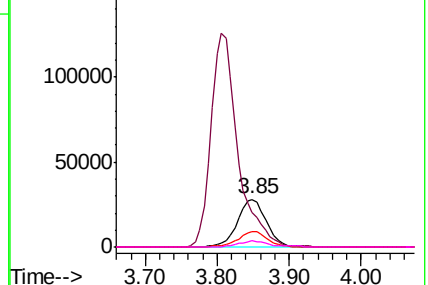


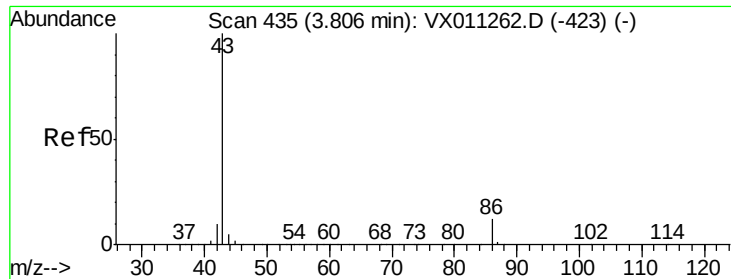
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 98.096 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

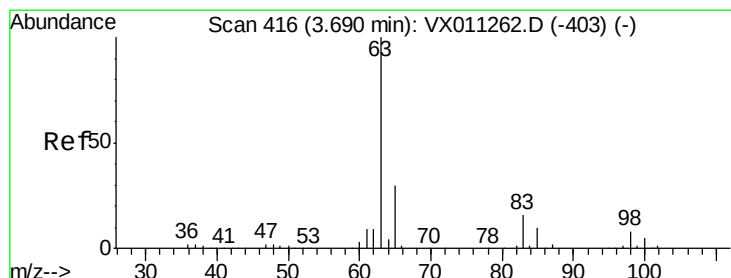
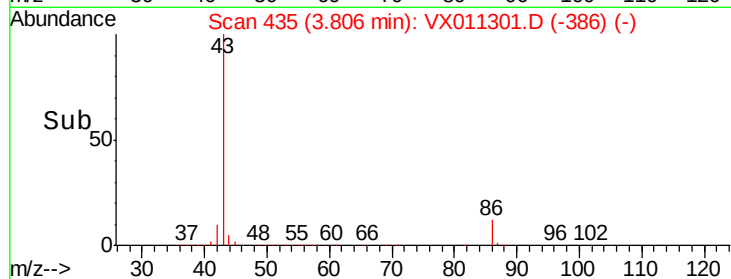
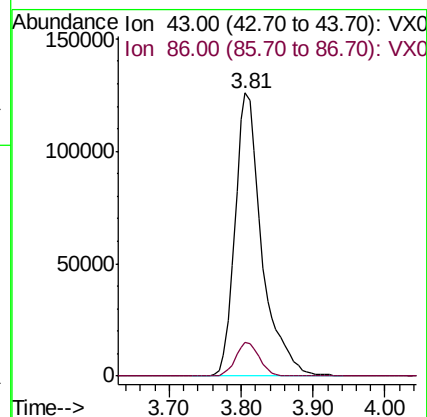
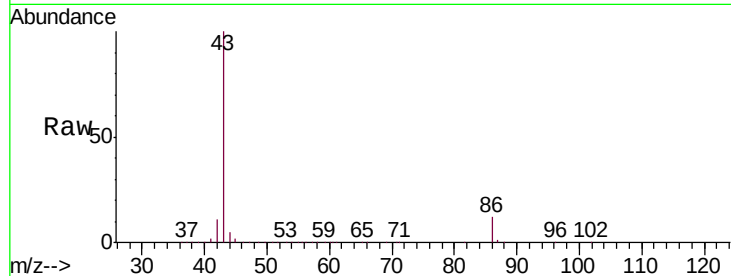
VX0802MBSD01

Tgt Ion: 43 Resp: 326531

Ion Ratio Lower Upper

43 100

86 11.7 9.6 14.4



#24

1,1-Dichloroethane

Concen: 19.575 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

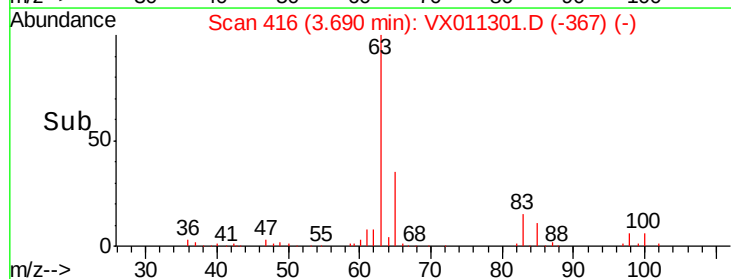
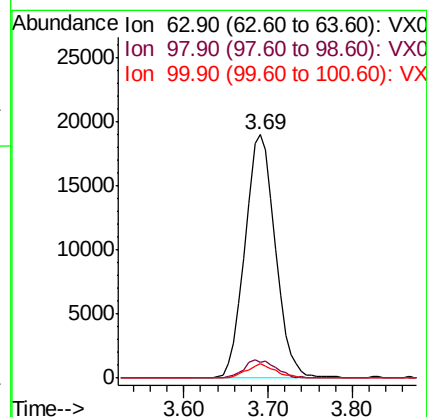
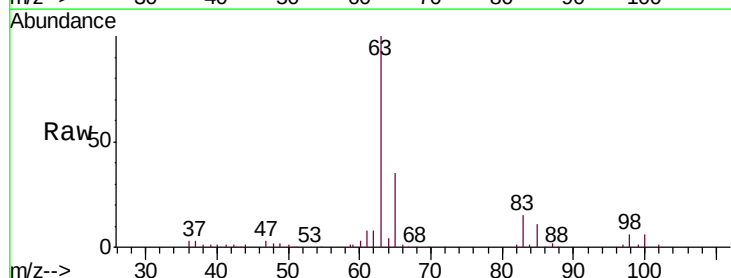
Tgt Ion: 63 Resp: 46324

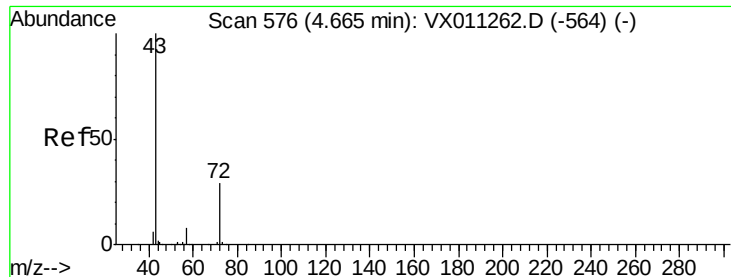
Ion Ratio Lower Upper

63 100

98 6.5 3.9 11.5

100 6.0 2.7 8.1





#25

2-Butanone

Concen: 96.802 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

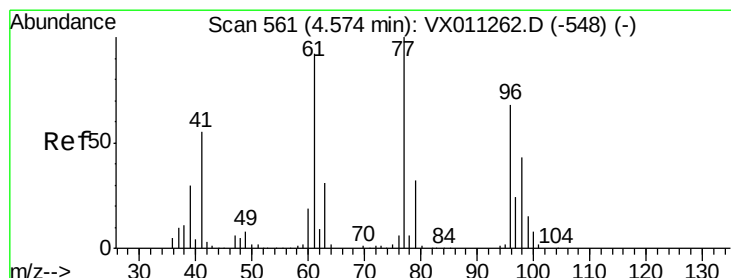
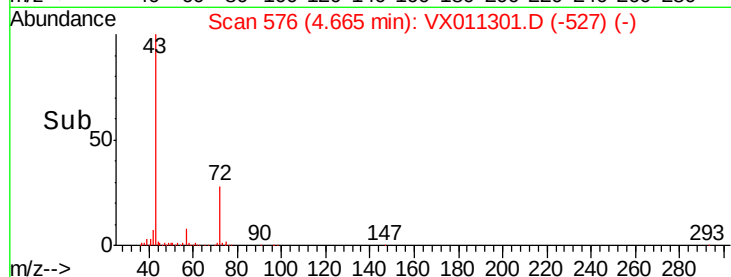
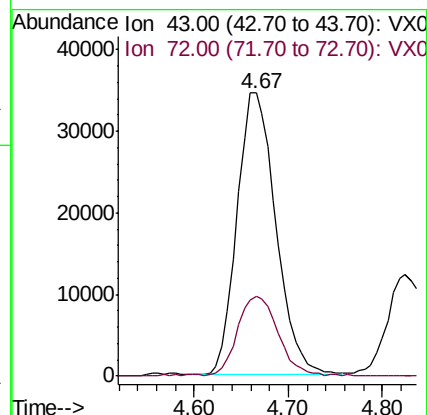
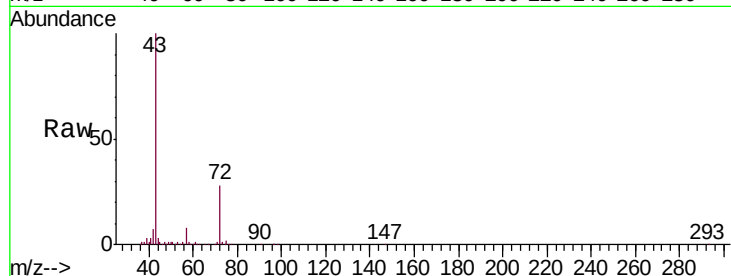
VX0802MBSD01

Tgt Ion: 43 Resp: 99369

Ion Ratio Lower Upper

43 100

72 27.8 23.2 34.8



#26

2,2-Dichloropropane

Concen: 17.893 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX011301.D

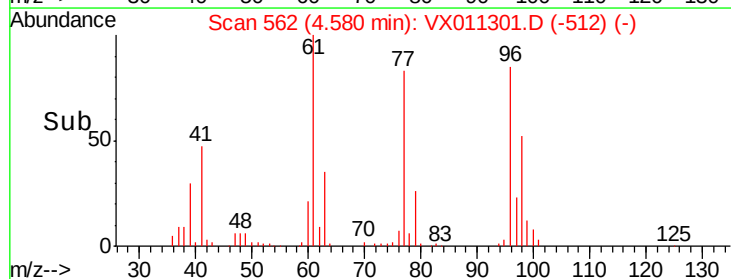
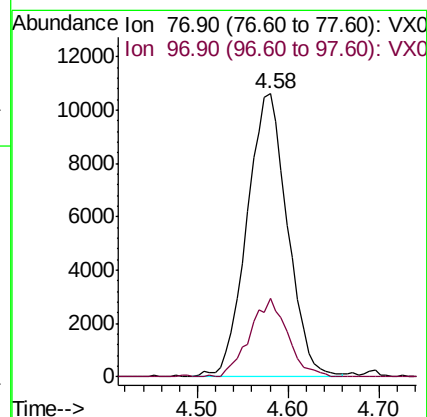
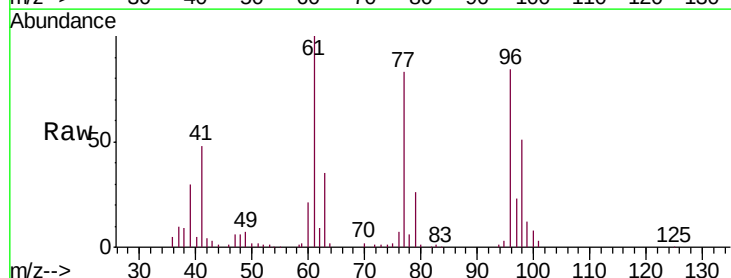
Acq: 02 Aug 2019 13:46

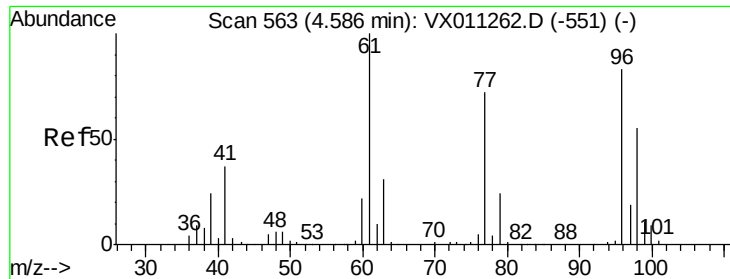
Tgt Ion: 77 Resp: 32916

Ion Ratio Lower Upper

77 100

97 25.8 12.8 38.4



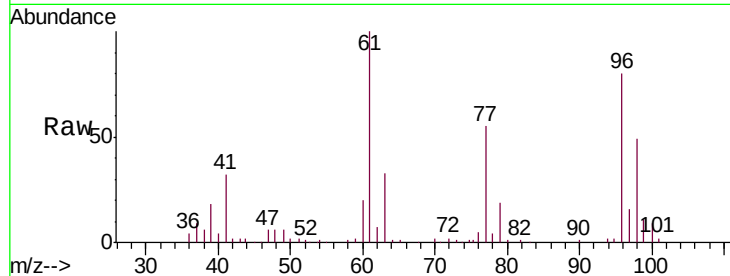


#27

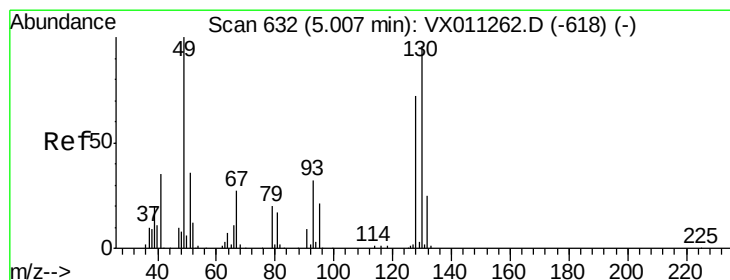
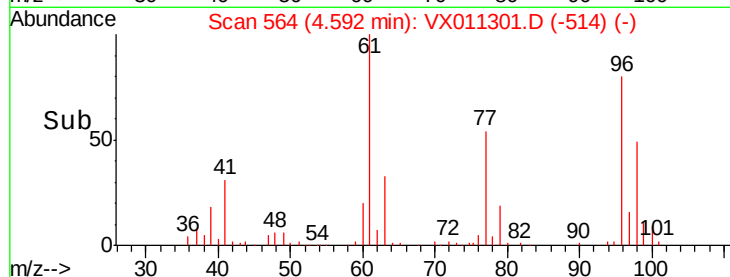
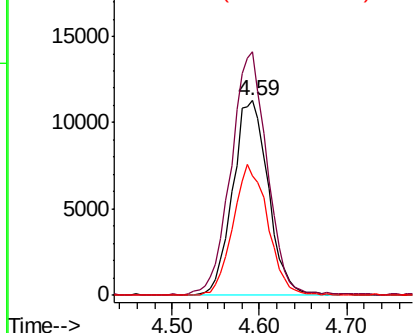
cis-1,2-Dichloroethene
 Concen: 19.155 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802MBSD01

Tgt Ion: 96 Resp: 31968
 Ion Ratio Lower Upper
 96 100
 61 127.2 0.0 260.2
 98 65.6 0.0 133.2



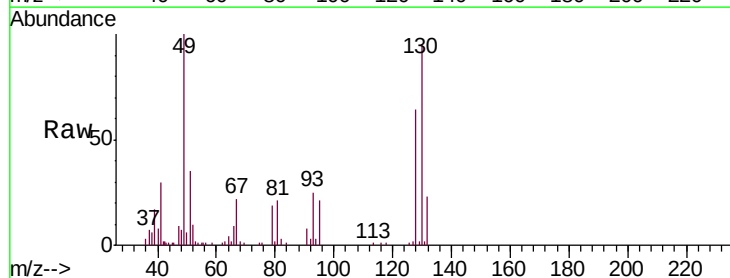
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



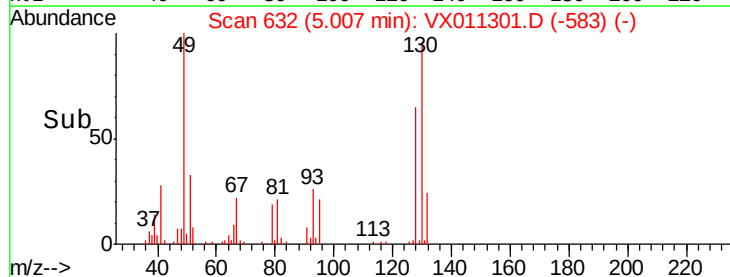
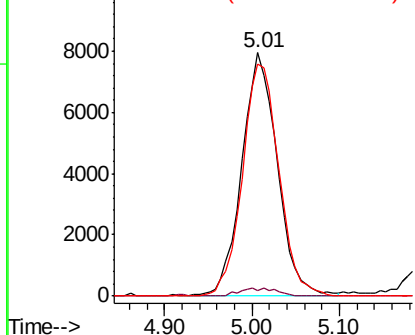
#28

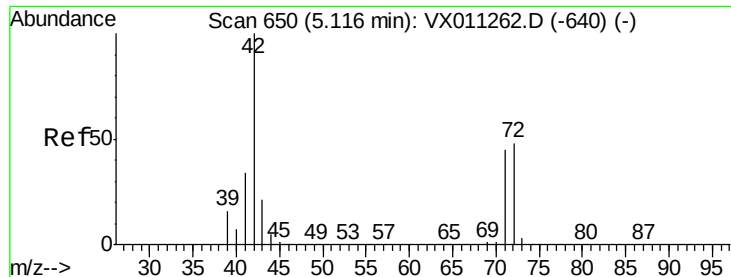
Bromochloromethane
 Concen: 20.838 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Tgt Ion: 49 Resp: 22481
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 5.8
 130 97.9 77.9 116.9



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

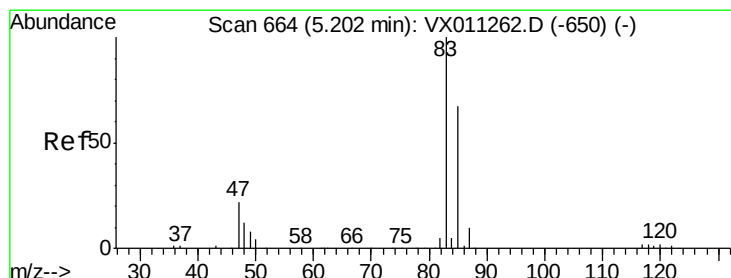
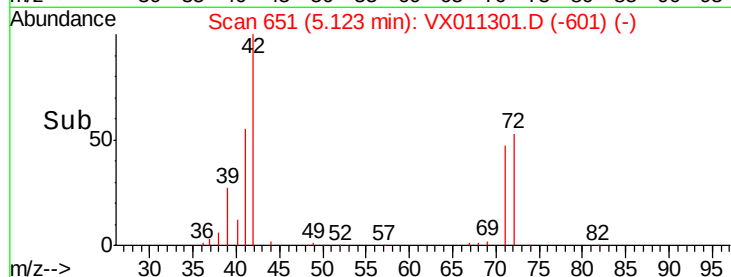
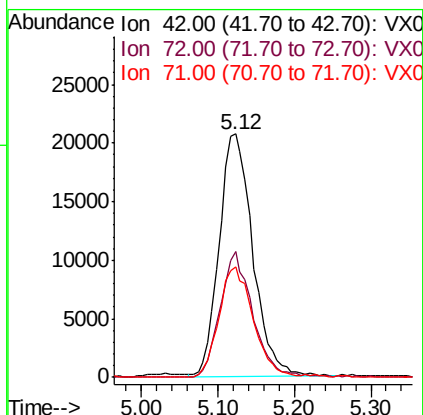
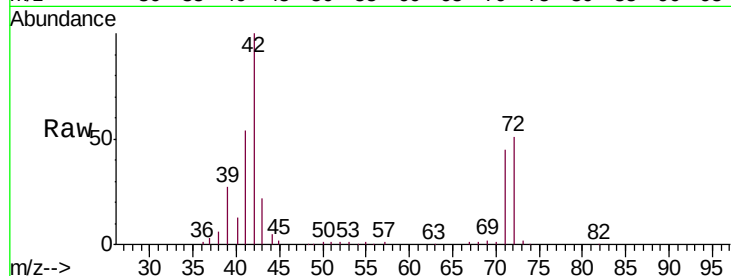




#29
Tetrahydrofuran
Concen: 99.754 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.01 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

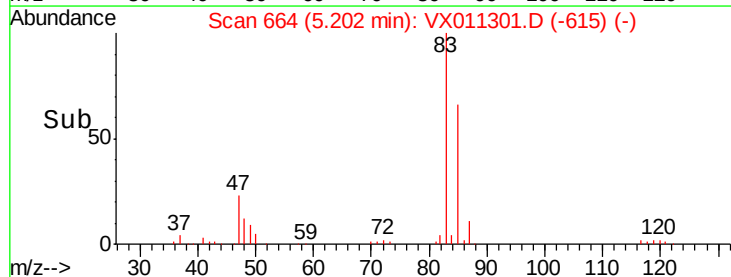
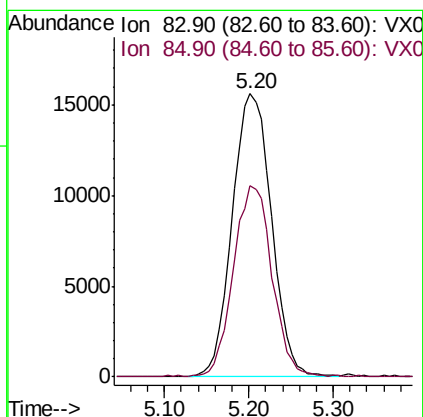
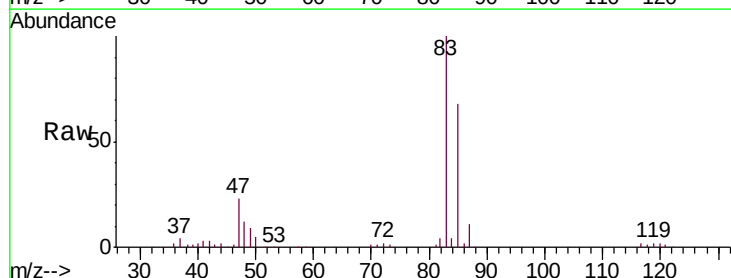
Instrument :
MSVOA_X
ClientSampleId :
VX0802MBSD01

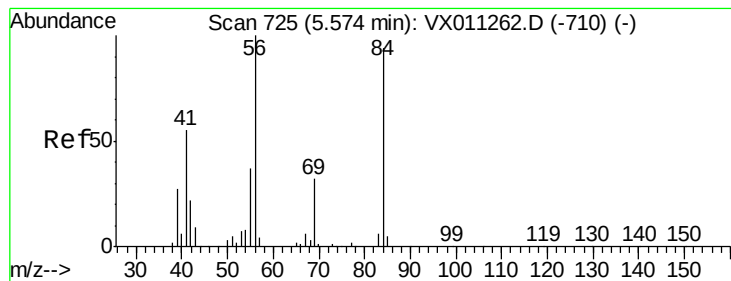
Tgt Ion: 42 Resp: 62786
Ion Ratio Lower Upper
42 100
72 50.6 39.9 59.9
71 46.6 36.9 55.3



#30
Chloroform
Concen: 19.149 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion: 83 Resp: 49253
Ion Ratio Lower Upper
83 100
85 67.5 53.4 80.0





#31

Cyclohexane

Concen: 18.998 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBSD01

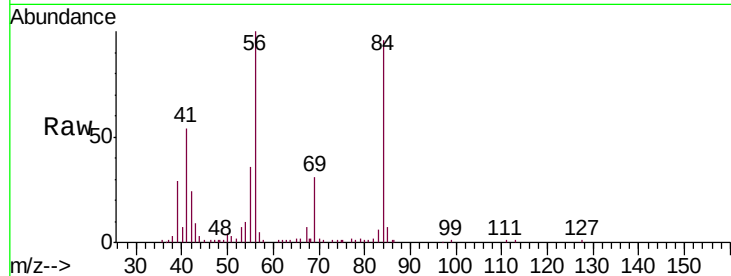
Tgt Ion: 56 Resp: 37091

Ion Ratio Lower Upper

56 100

69 30.0 25.5 38.3

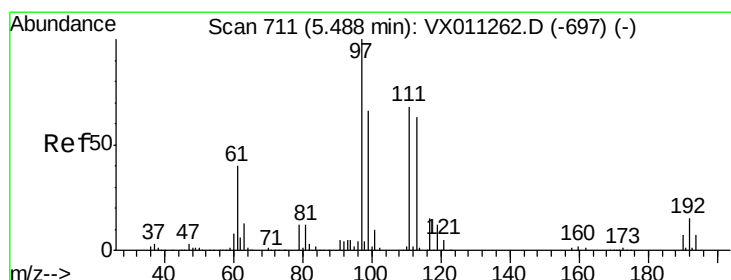
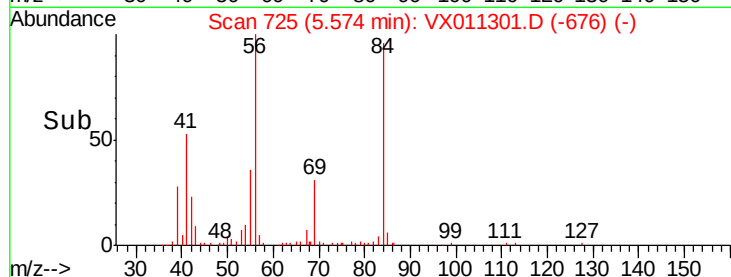
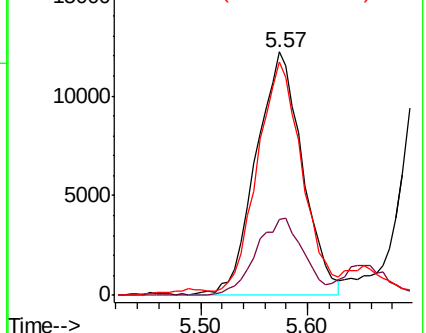
84 93.4 75.0 112.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.773 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

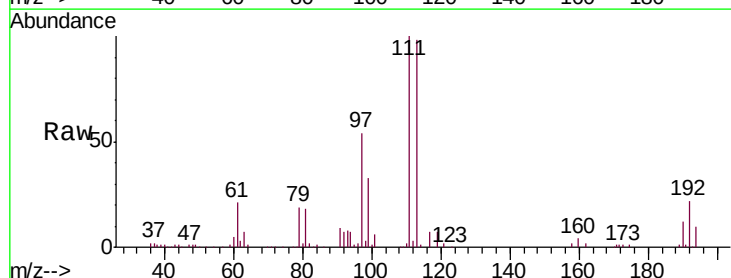
Tgt Ion: 97 Resp: 41364

Ion Ratio Lower Upper

97 100

99 65.9 51.6 77.4

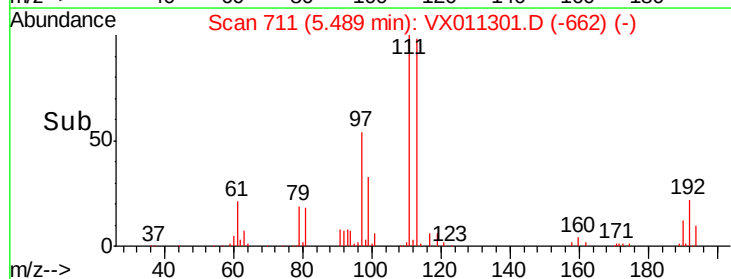
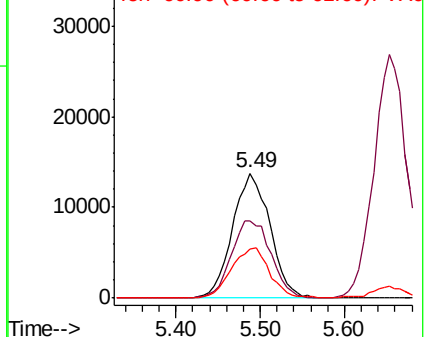
61 41.3 32.3 48.5

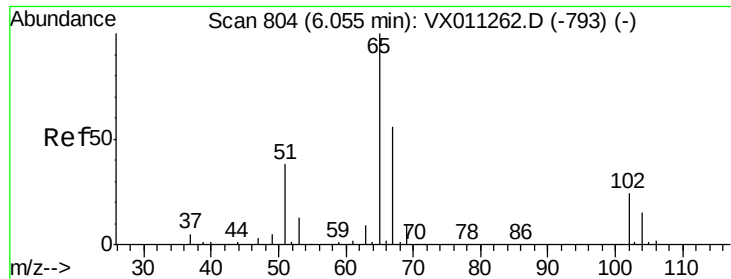


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

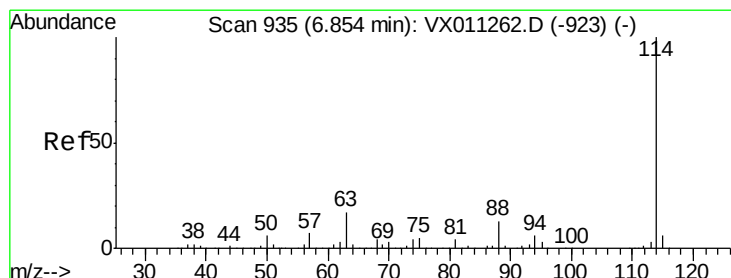
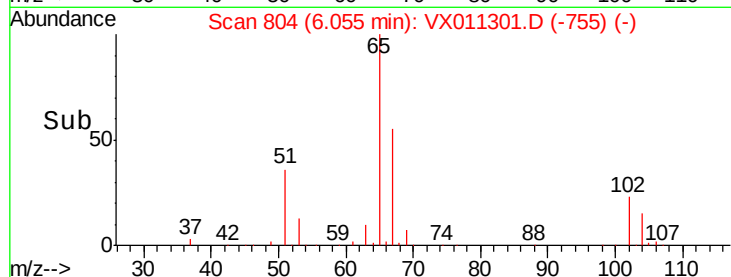
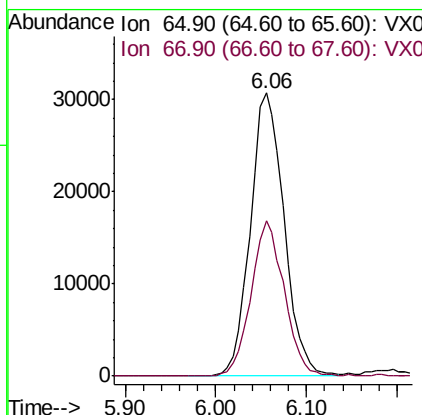
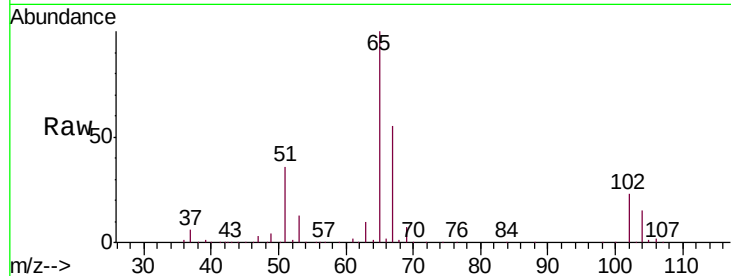




#33
 1,2-Dichloroethane-d4
 Concen: 52.131 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

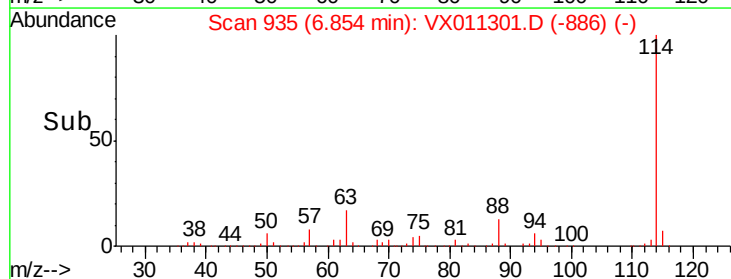
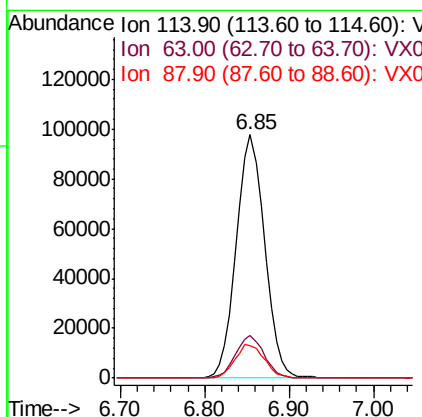
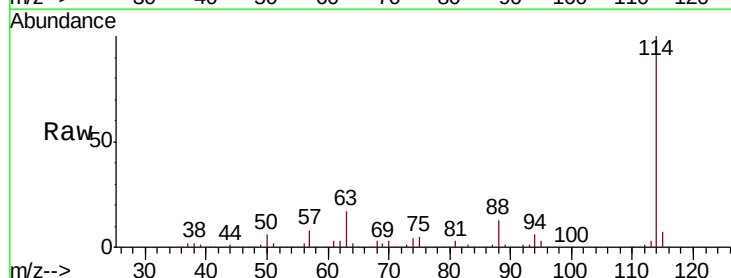
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802MBSD01

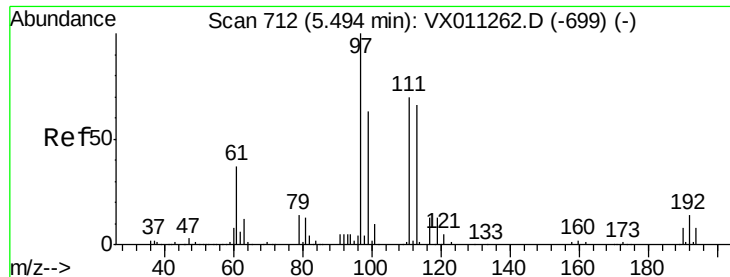
Tgt Ion: 65 Resp: 79035
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Tgt Ion: 114 Resp: 222320
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 34.0
 88 13.4 0.0 26.4





#35

Dibromofluoromethane

Concen: 49.641 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBSD01

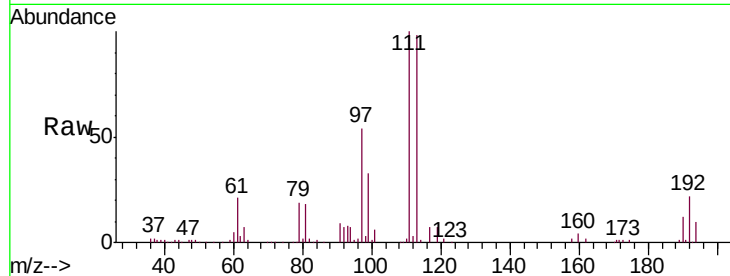
Tgt Ion:113 Resp: 72053

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

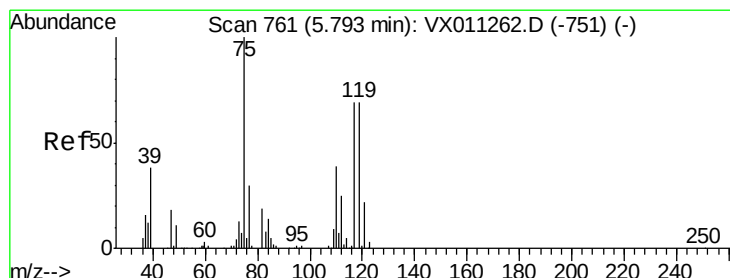
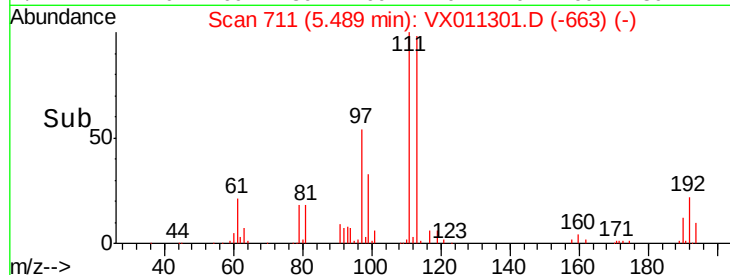
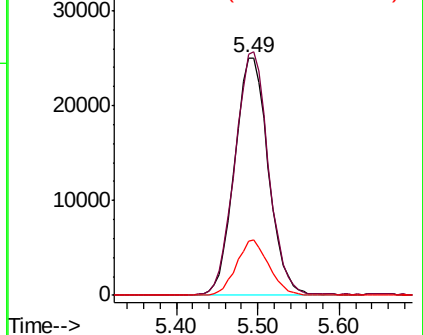
192 22.4 17.8 26.8



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: 18.285 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

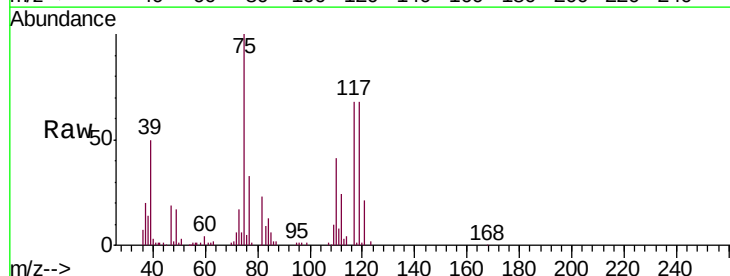
Tgt Ion: 75 Resp: 35493

Ion Ratio Lower Upper

75 100

110 40.4 20.0 59.9

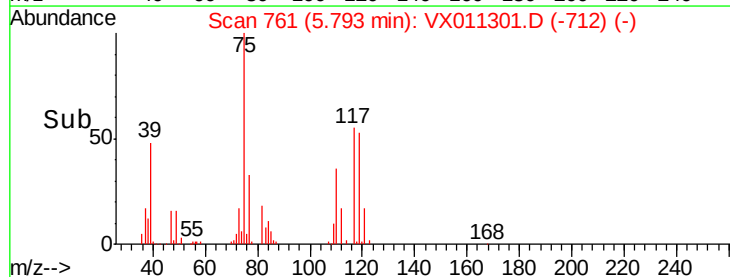
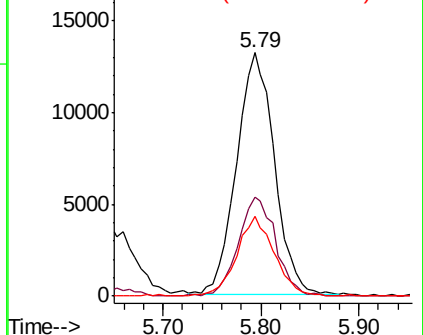
77 32.3 24.8 37.2

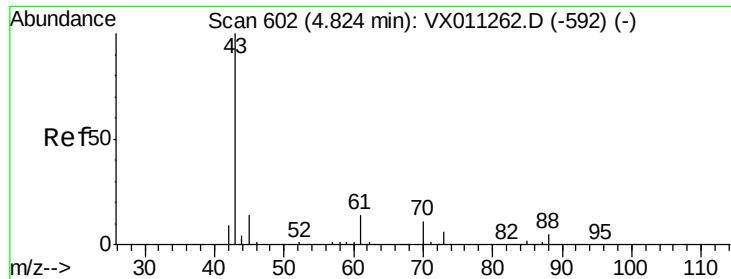


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 18.987 ug/l

RT: 4.82 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBS01

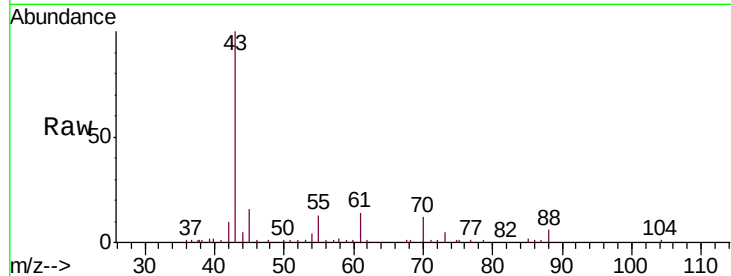
Tgt Ion: 43 Resp: 36969

Ion Ratio Lower Upper

43 100

61 16.1 12.6 18.8

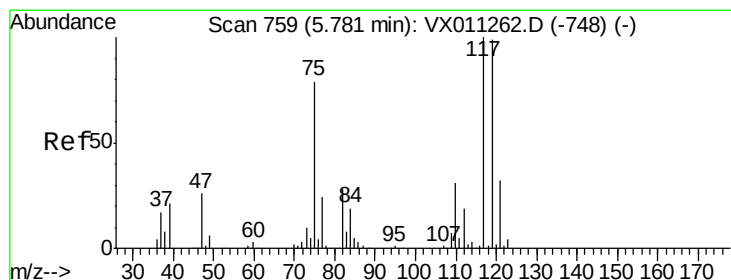
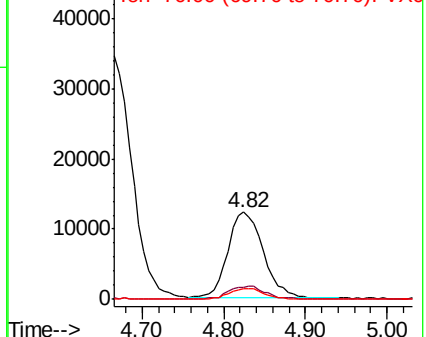
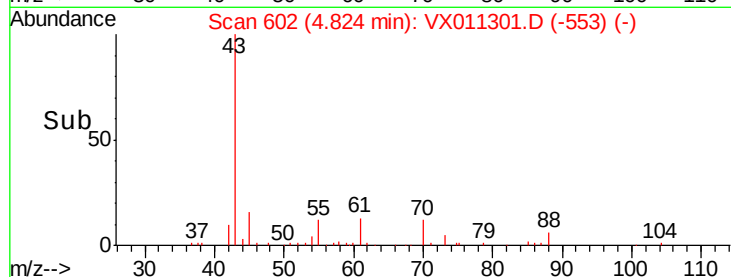
70 12.4 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 18.152 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

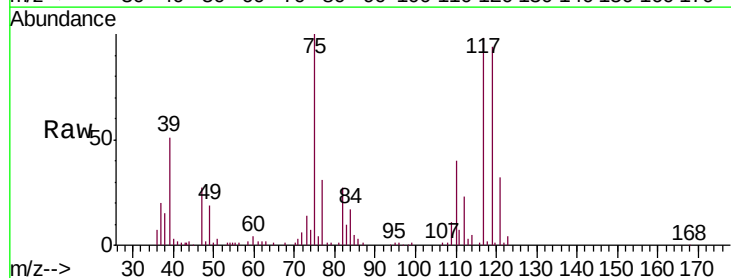
Tgt Ion: 117 Resp: 35448

Ion Ratio Lower Upper

117 100

119 96.7 79.0 118.4

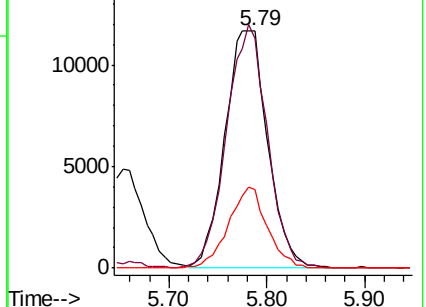
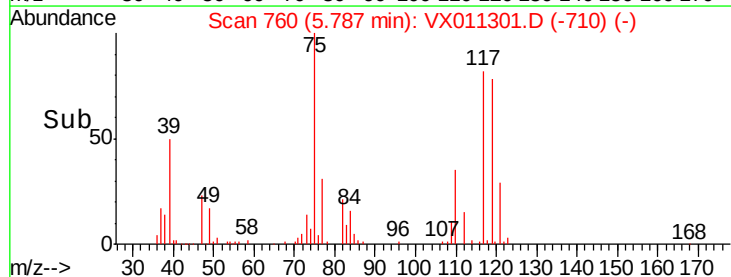
121 33.1 25.9 38.9

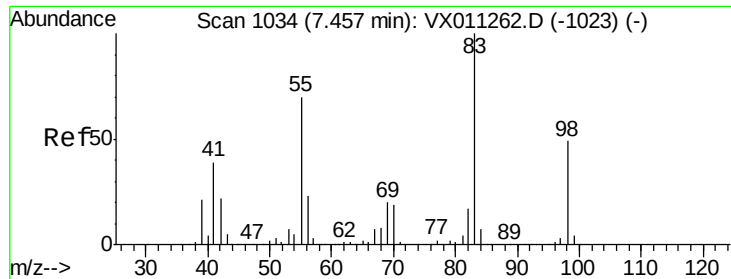


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

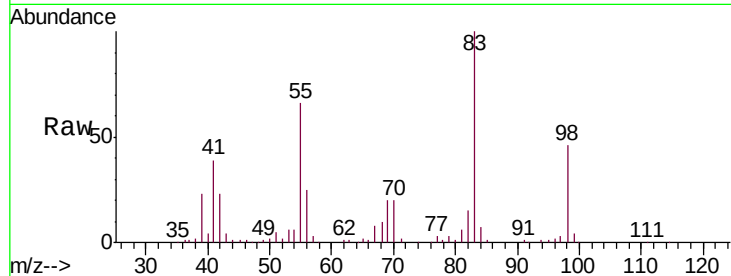




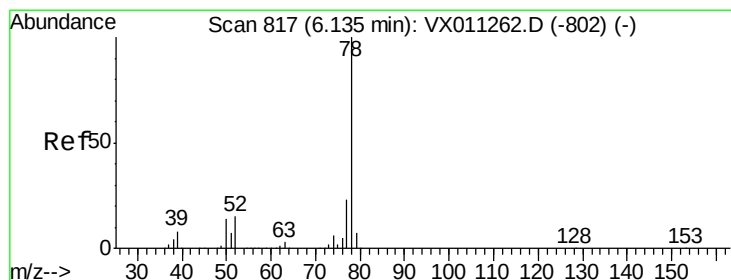
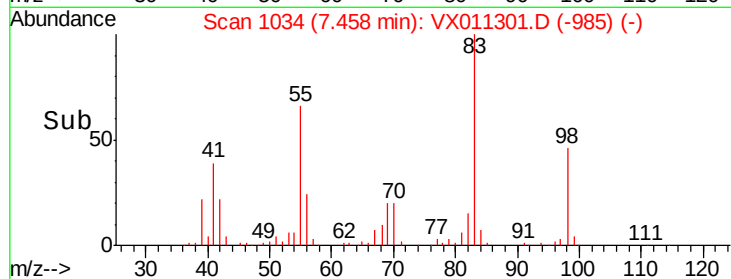
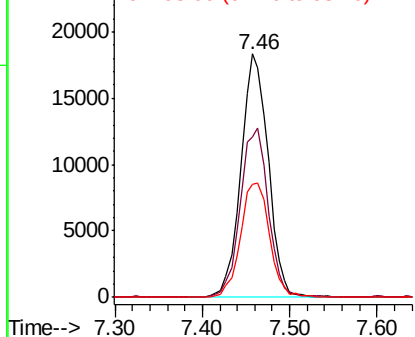
#39
Methylcyclohexane
Concen: 17.245 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBSD01

Tgt Ion: 83 Resp: 39677
Ion Ratio Lower Upper
83 100
55 66.0 56.1 84.1
98 46.4 39.0 58.4

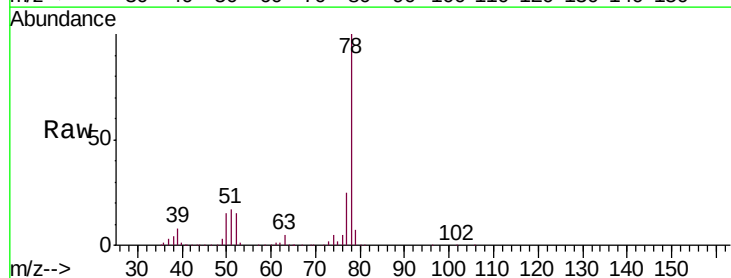


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

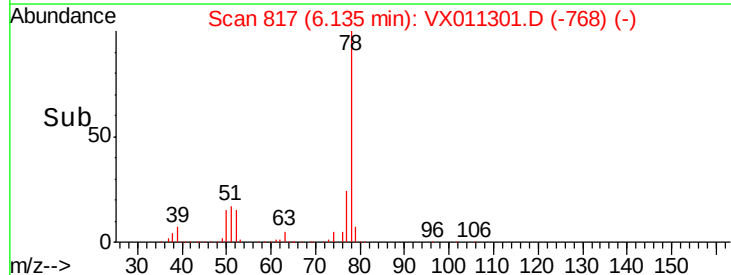
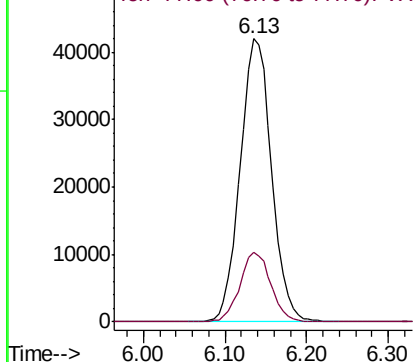


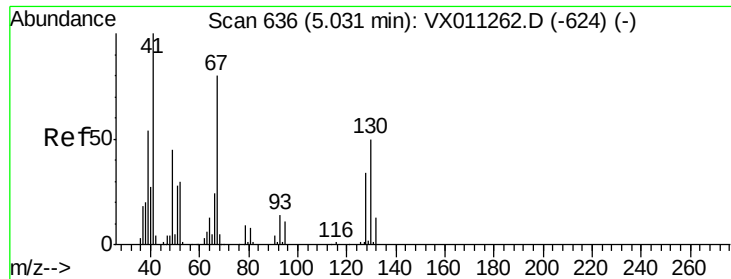
#40
Benzene
Concen: 19.330 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion: 78 Resp: 111962
Ion Ratio Lower Upper
78 100
77 24.5 18.2 27.2



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

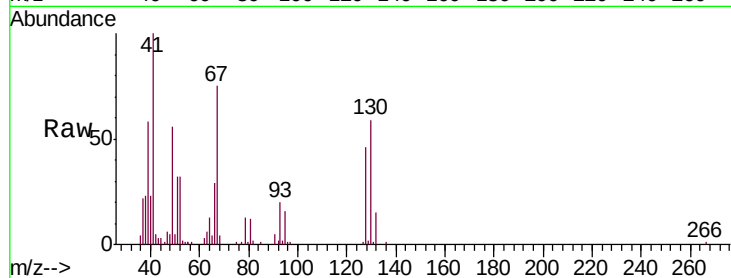




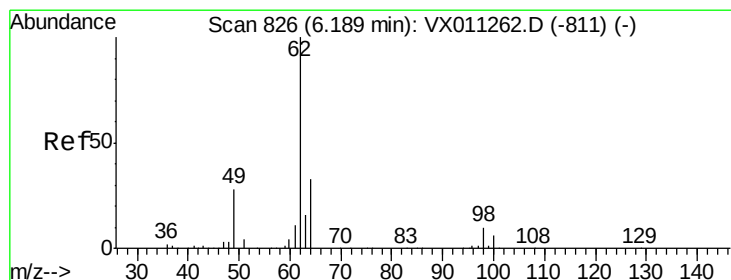
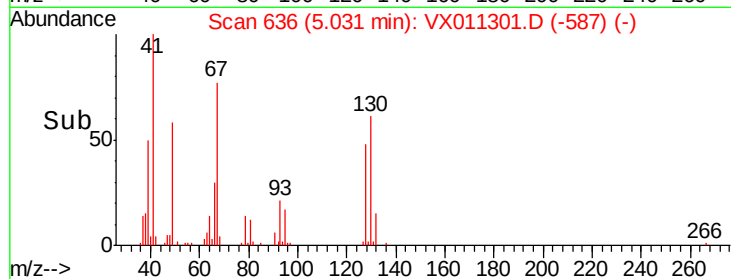
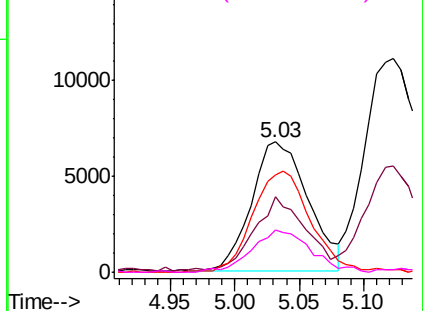
#41
Methacrylonitrile
Concen: 19.389 ug/l
RT: 5.03 min Scan# 636
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBSD01

Tgt Ion:	41	Resp:	20617
Ion	Ratio	Lower	Upper
41	100		
39	49.1	43.0	64.6
67	79.3	65.1	97.7
52	33.8	24.8	37.2

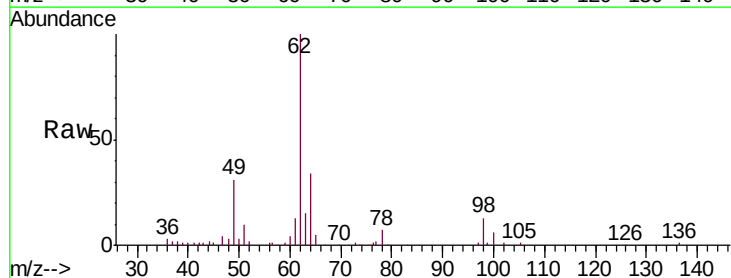


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

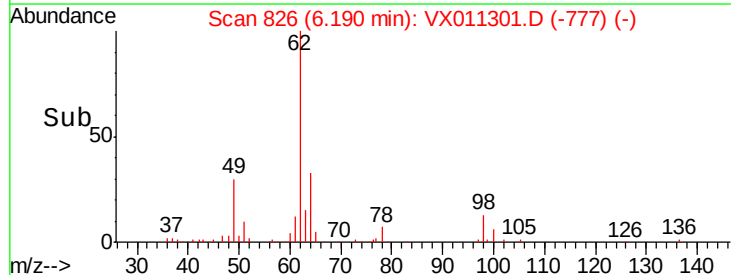
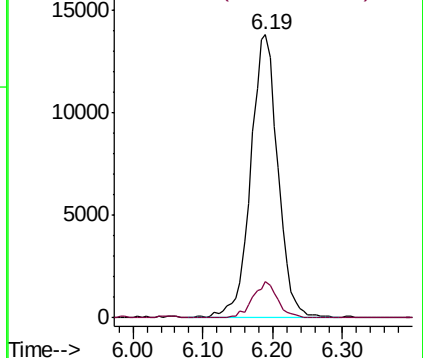


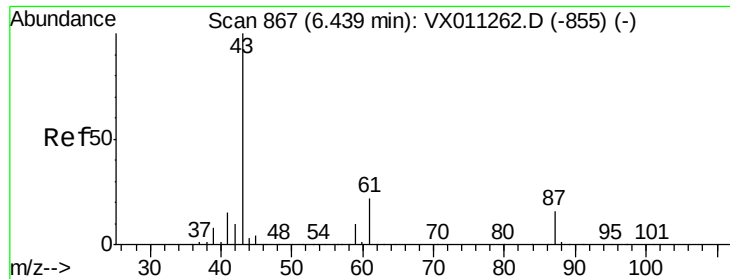
#42
1,2-Dichloroethane
Concen: 19.086 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion:	62	Resp:	37382
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	20.6



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





#43

Isopropyl Acetate

Concen: 18.633 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBS01

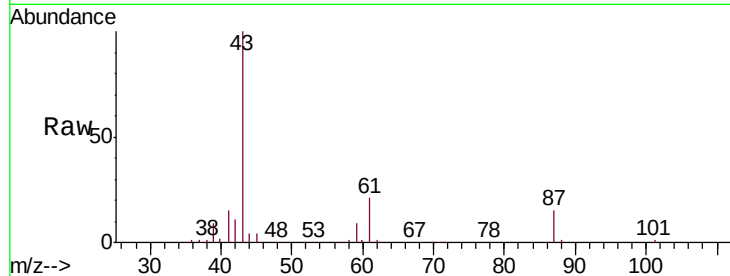
Tgt Ion: 43 Resp: 58003

Ion Ratio Lower Upper

43 100

61 20.6 16.5 24.7

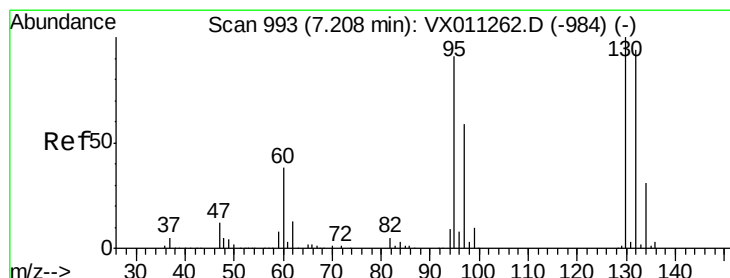
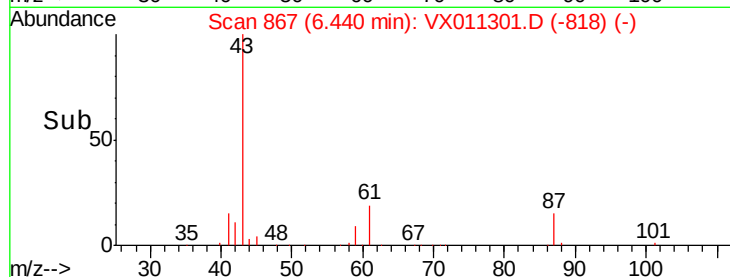
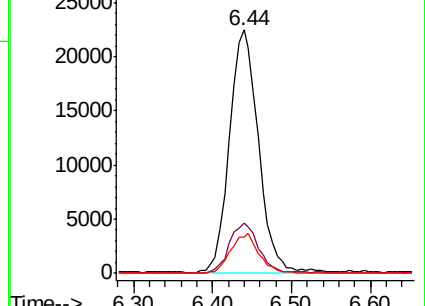
87 15.9 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.628 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011301.D

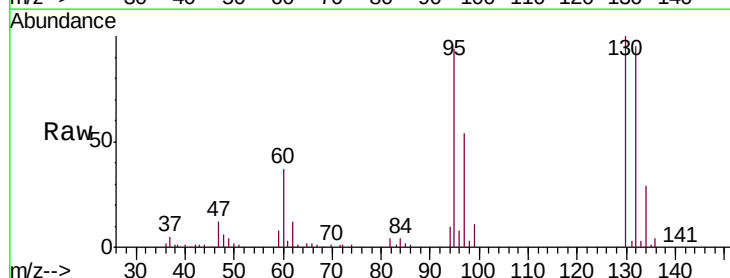
Acq: 02 Aug 2019 13:46

Tgt Ion: 130 Resp: 32659

Ion Ratio Lower Upper

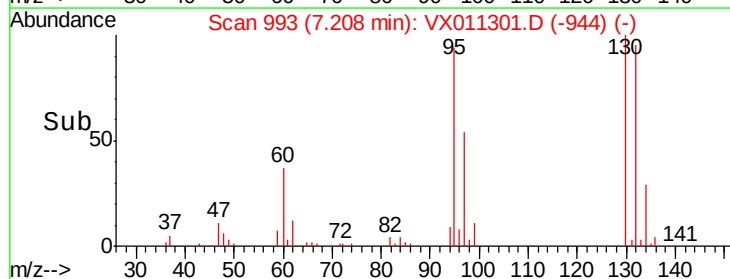
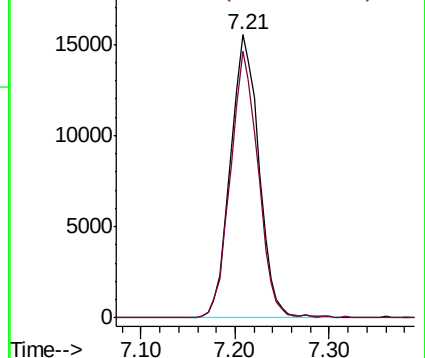
130 100

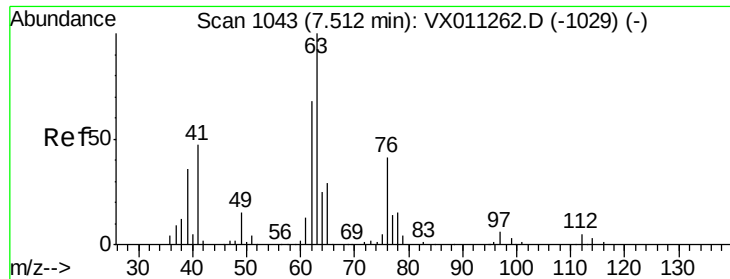
95 94.2 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

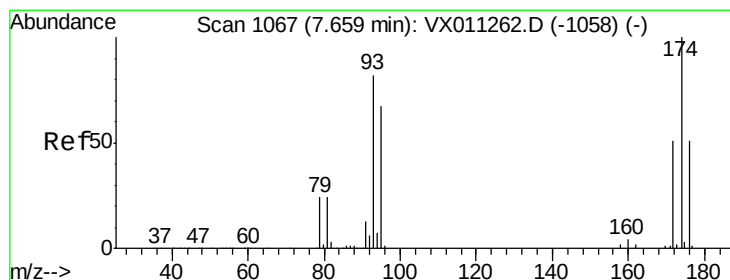
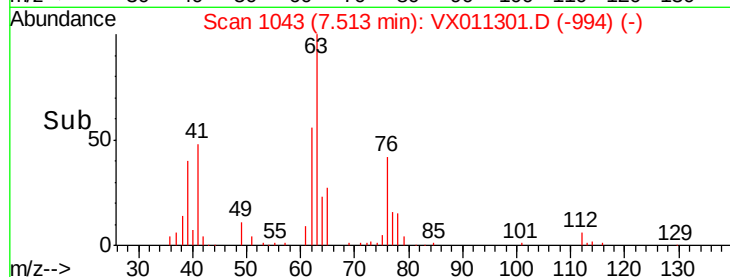
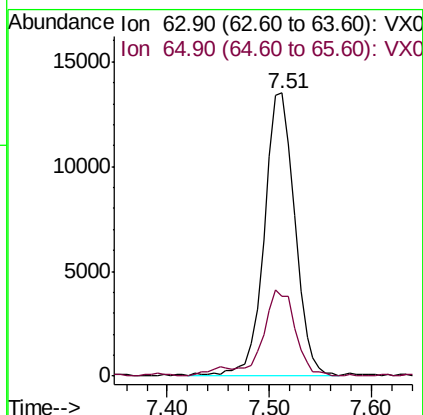
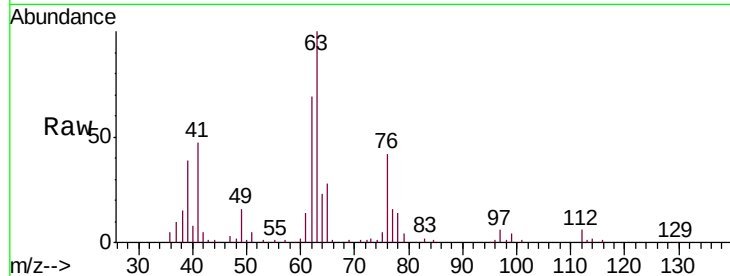




#45
 1,2-Dichloropropane
 Concen: 18.762 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

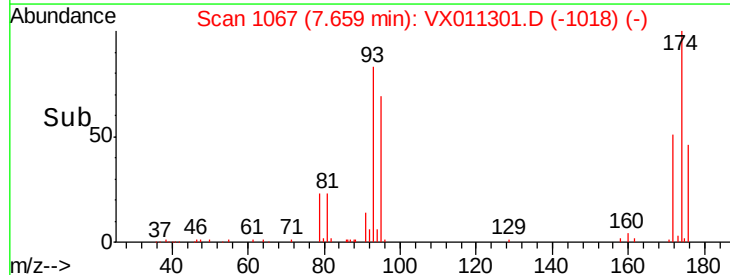
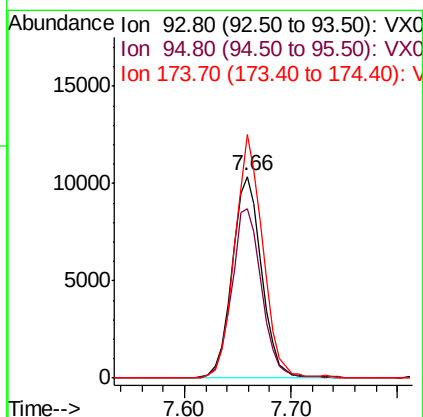
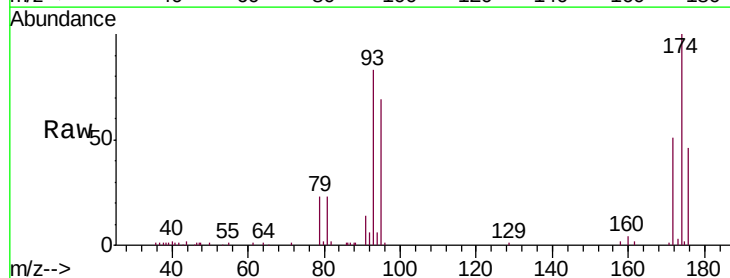
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802MBSD01

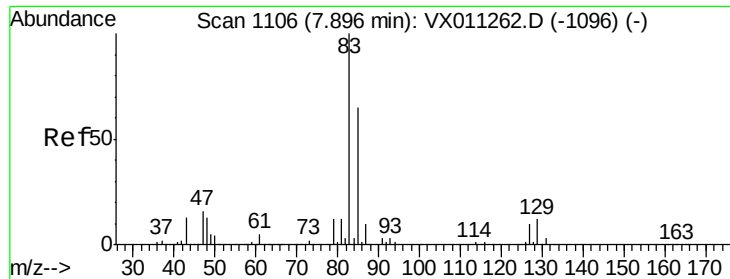
Tgt Ion: 63 Resp: 28144
 Ion Ratio Lower Upper
 63 100
 65 28.3 23.3 34.9



#46
 Dibromomethane
 Concen: 18.385 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Tgt Ion: 93 Resp: 20133
 Ion Ratio Lower Upper
 93 100
 95 85.0 66.4 99.6
 174 114.6 93.4 140.2





#47

Bromodichloromethane

Concen: 18.176 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBSD01

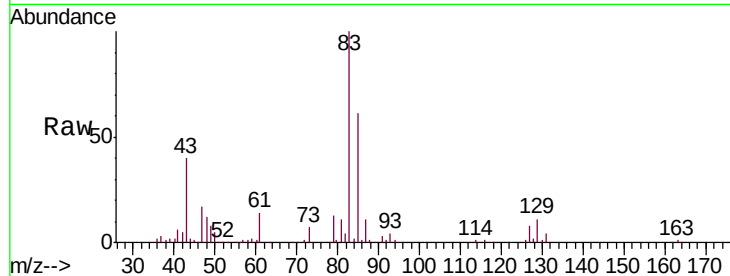
Tgt Ion: 83 Resp: 33699

Ion Ratio Lower Upper

83 100

85 61.2 52.2 78.2

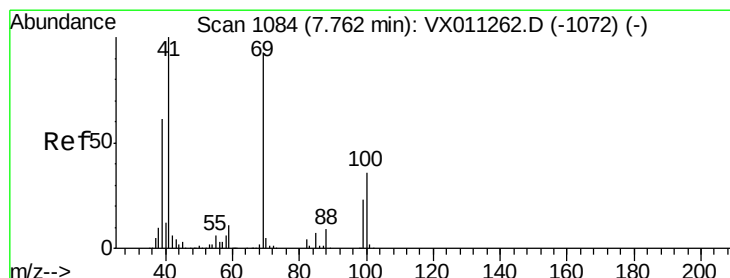
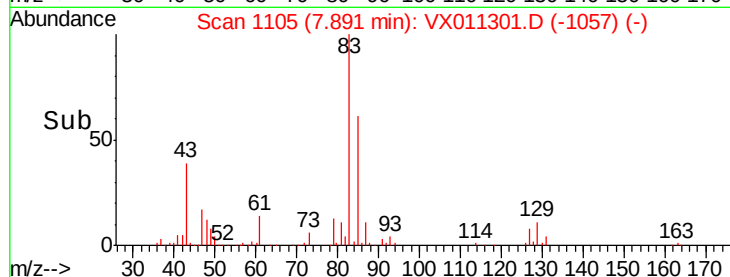
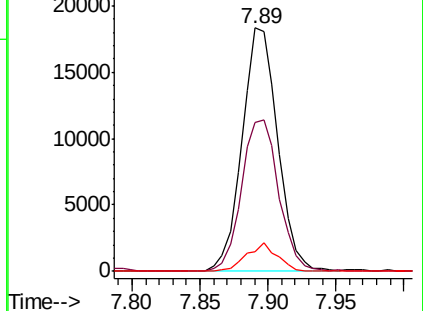
127 7.9 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.742 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

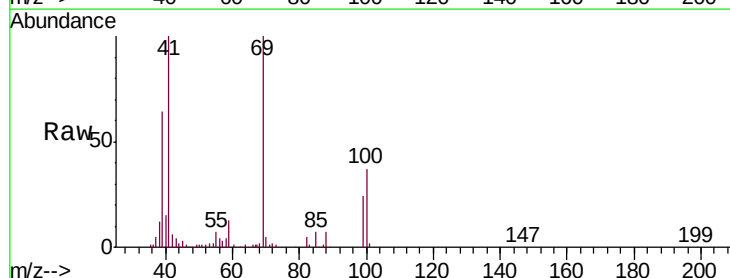
Tgt Ion: 41 Resp: 27456

Ion Ratio Lower Upper

41 100

69 96.6 74.5 111.7

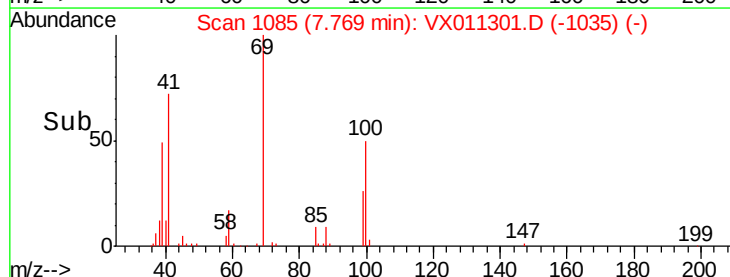
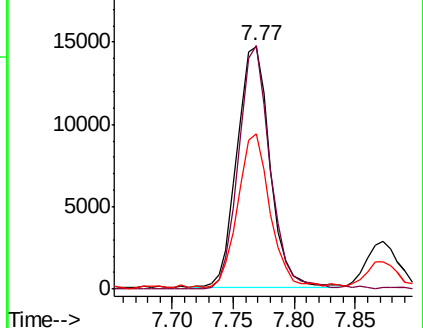
39 63.5 48.6 72.8

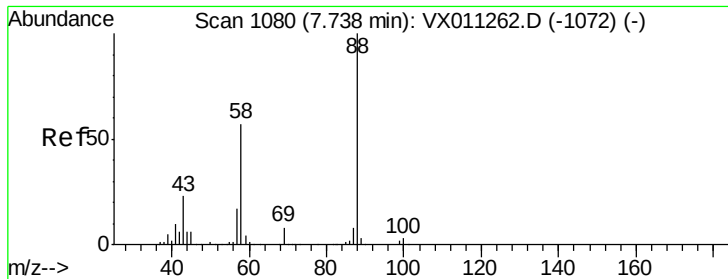


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

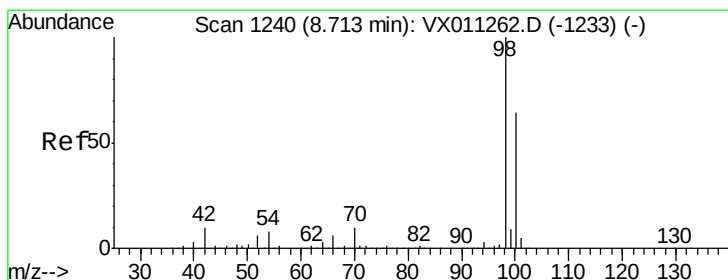
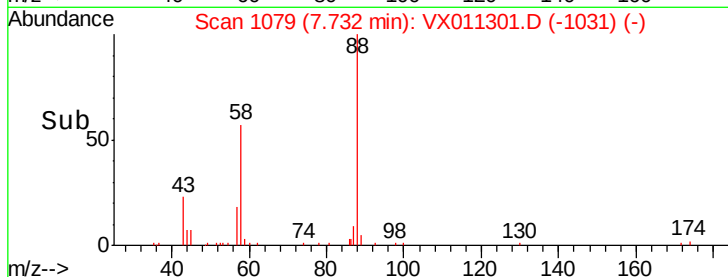
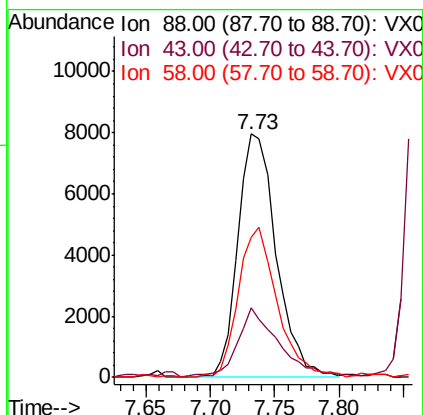
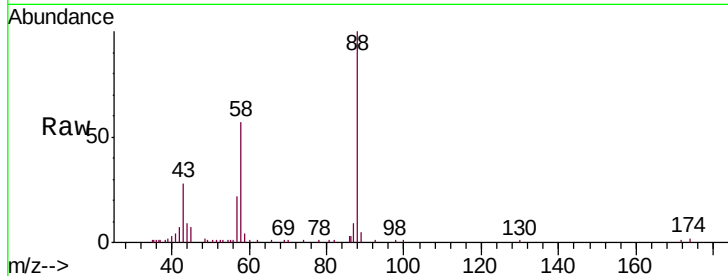




#49
1,4-Dioxane
Concen: 387.425 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

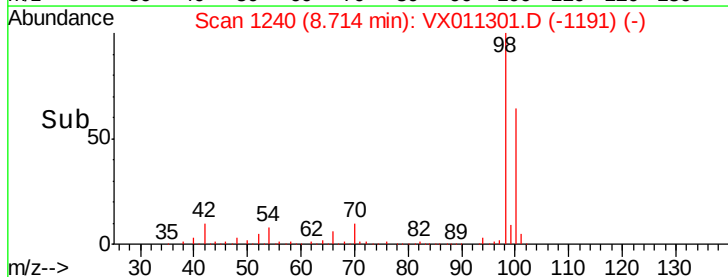
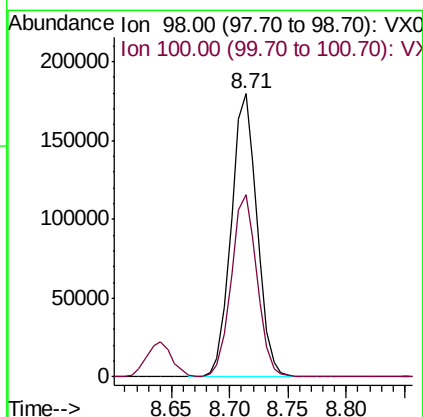
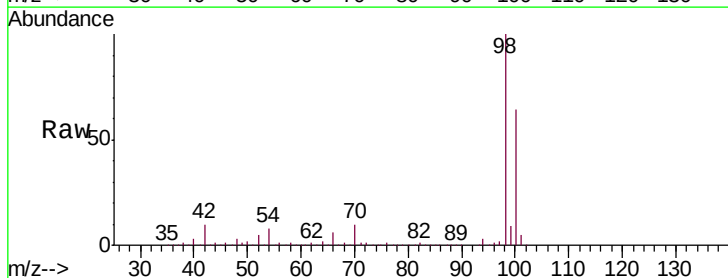
Instrument :
MSVOA_X
ClientSampleId :
VX0802MBSD01

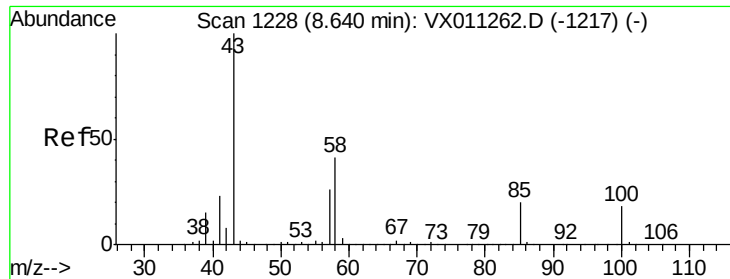
Tgt Ion: 88 Resp: 16454
Ion Ratio Lower Upper
88 100
43 28.2 22.2 33.2
58 62.6 47.8 71.8



#50
Toluene-d8
Concen: 50.664 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion: 98 Resp: 277582
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 98.094 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

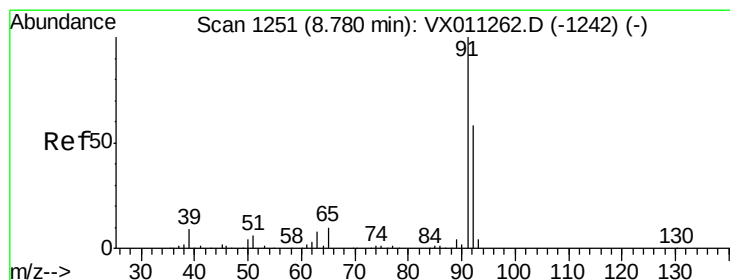
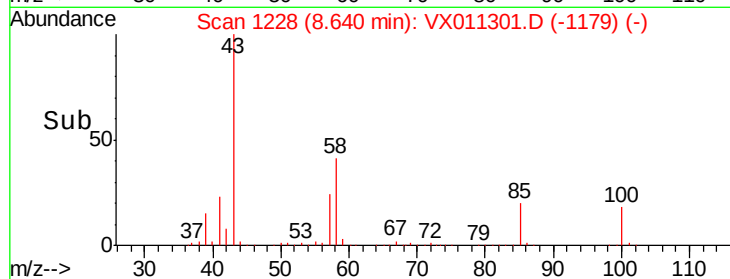
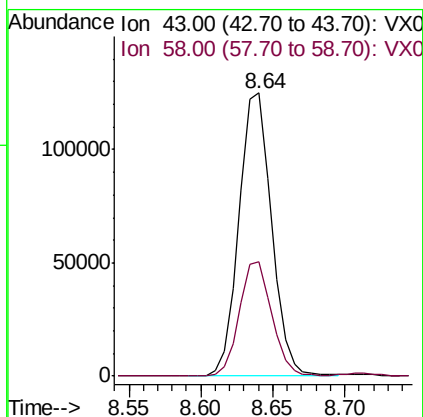
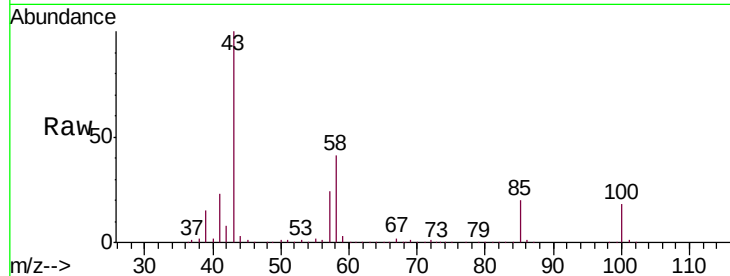
VX0802MBSD01

Tgt Ion: 43 Resp: 197062

Ion Ratio Lower Upper

43 100

58 40.1 32.3 48.5



#52

Toluene

Concen: 18.959 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011301.D

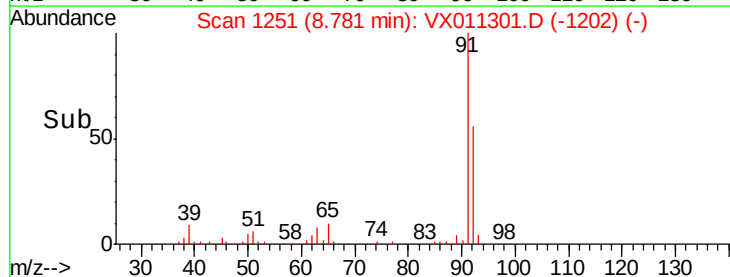
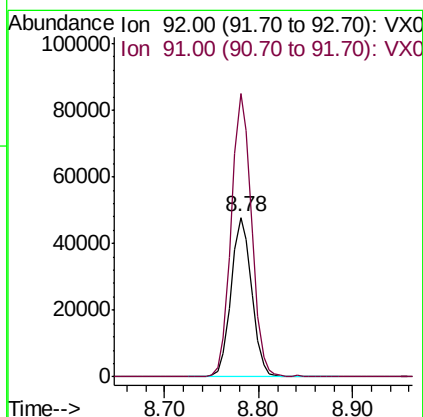
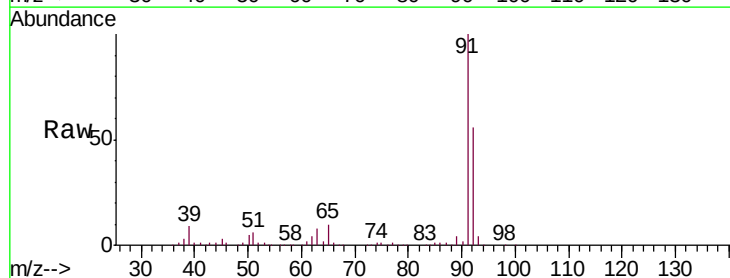
Acq: 02 Aug 2019 13:46

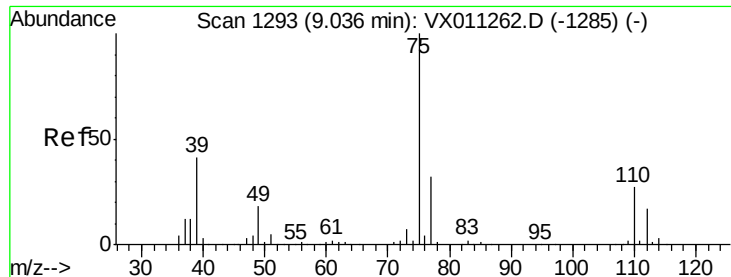
Tgt Ion: 92 Resp: 72606

Ion Ratio Lower Upper

92 100

91 175.2 139.4 209.0

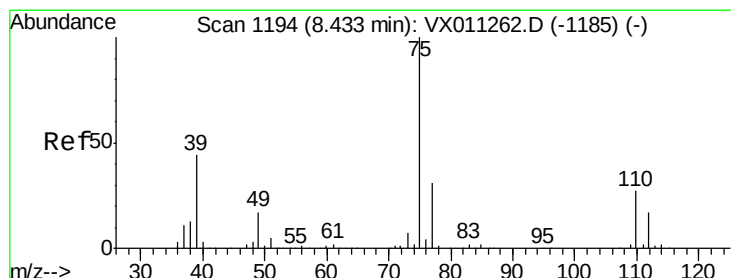
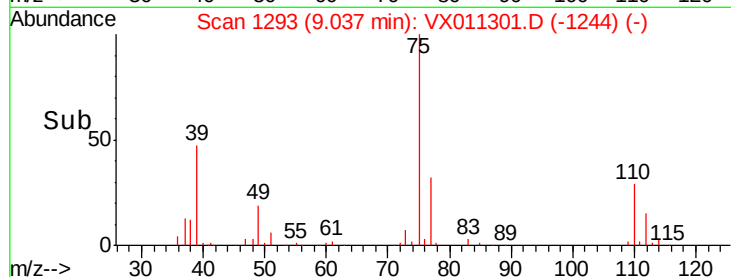
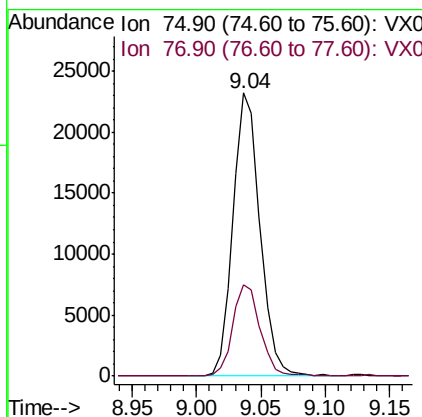
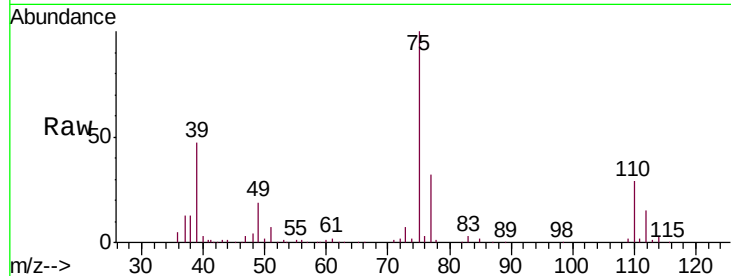




#53
t-1,3-Dichloropropene
Concen: 17.704 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

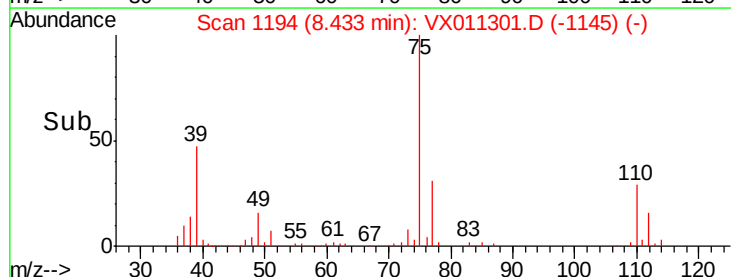
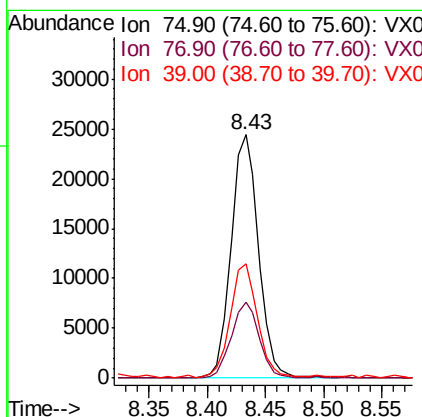
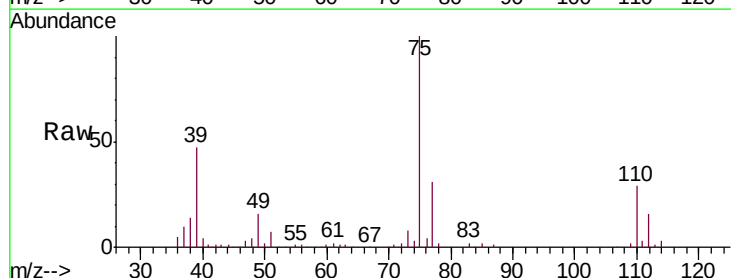
Instrument :
MSVOA_X
ClientSampleId :
VX0802MBSD01

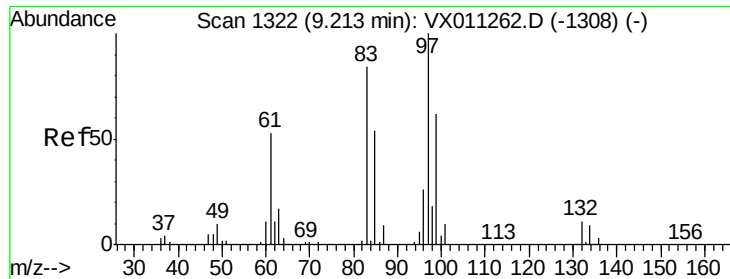
Tgt Ion: 75 Resp: 34030
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 18.534 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion: 75 Resp: 40142
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.6
39 46.2 35.3 52.9

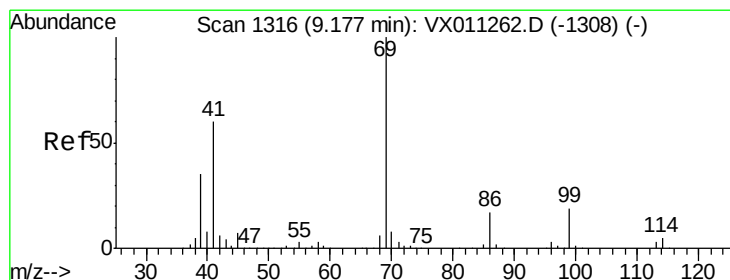
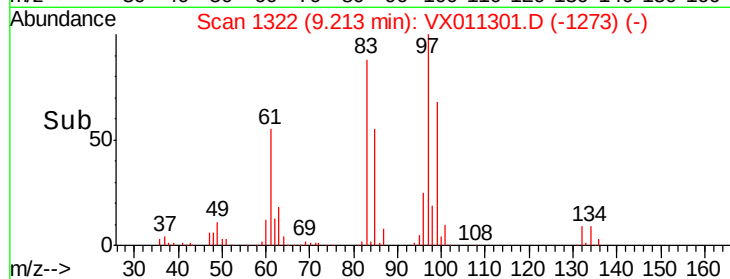
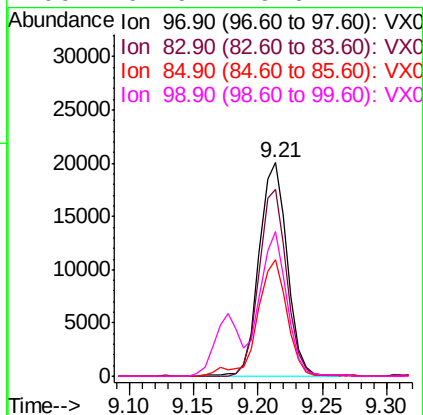
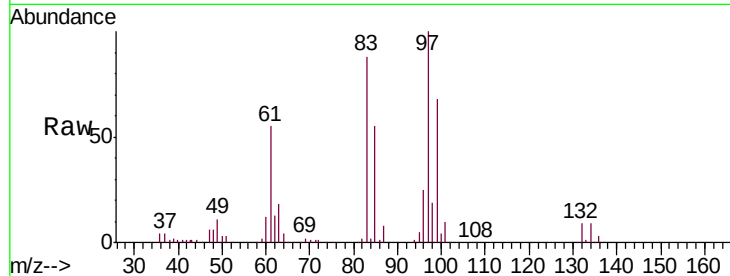




#55
 1,1,2-Trichloroethane
 Concen: 19.171 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

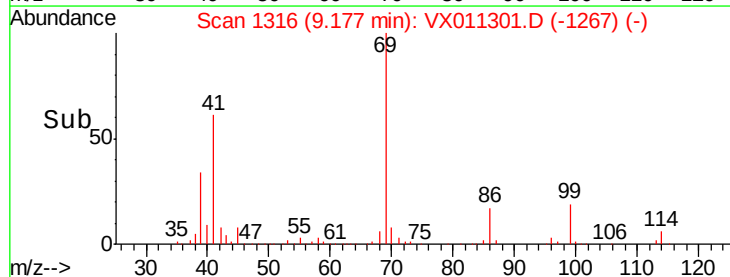
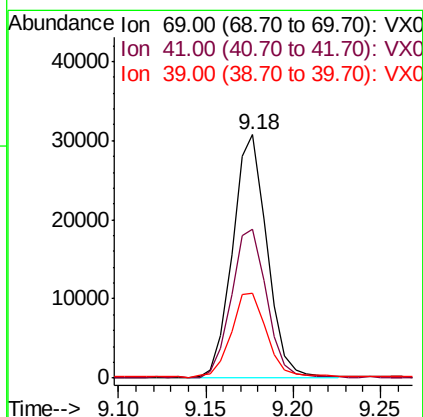
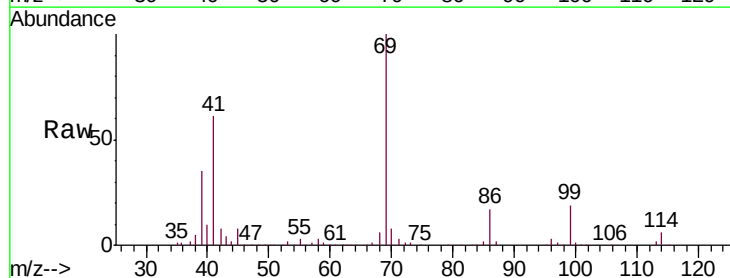
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802MBSD01

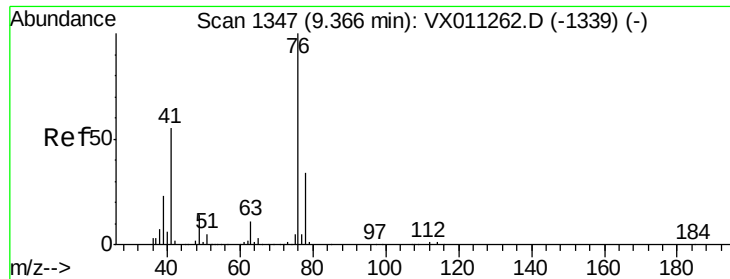
Tgt Ion:	97	Resp:	30186
Ion	Ratio	Lower	Upper
97	100		
83	87.5	67.6	101.4
85	54.6	43.4	65.0
99	67.9	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 18.685 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Tgt Ion:	69	Resp:	41927
Ion	Ratio	Lower	Upper
69	100		
41	62.2	48.6	73.0
39	35.9	29.4	44.2

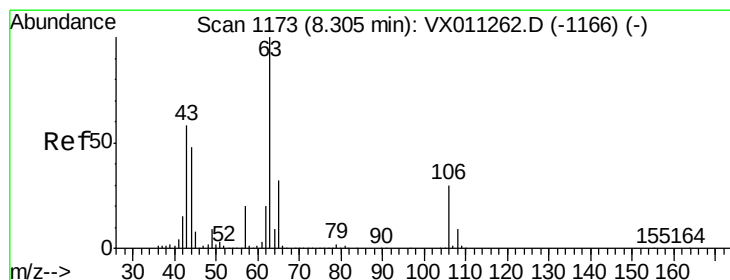
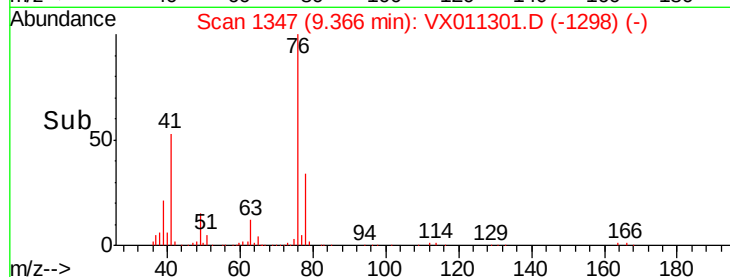
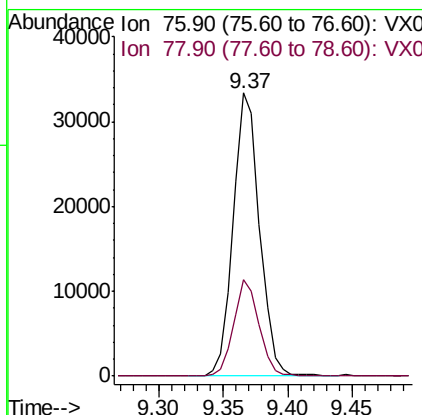
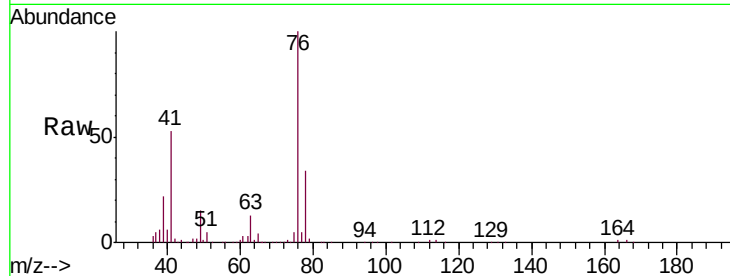




#57
 1,3-Dichloropropane
 Concen: 19.187 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

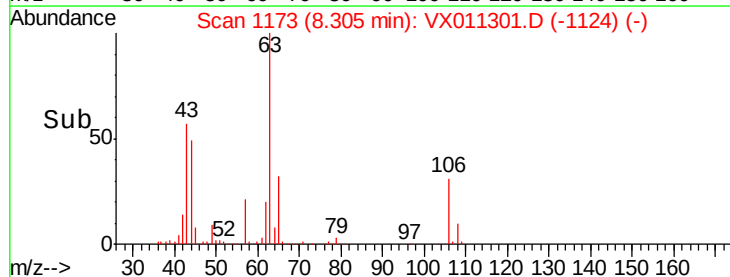
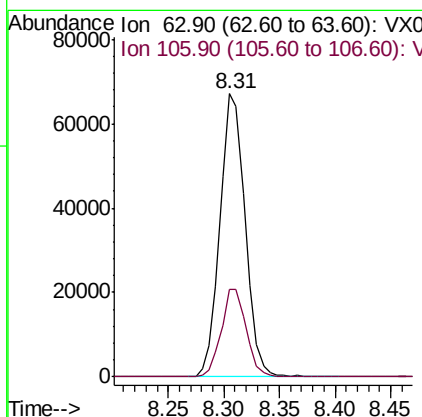
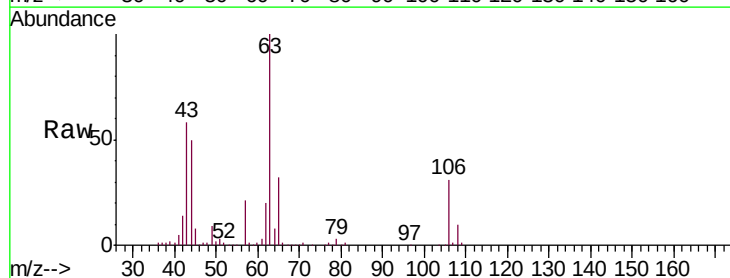
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802MBSD01

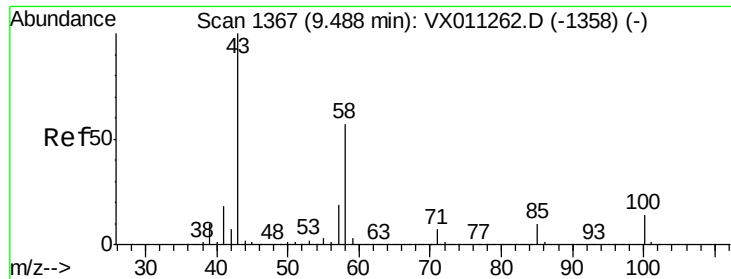
Tgt Ion: 76 Resp: 47780
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.596 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Tgt Ion: 63 Resp: 105471
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.4 36.6

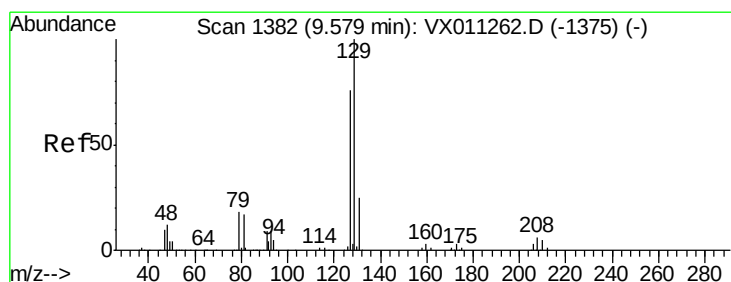
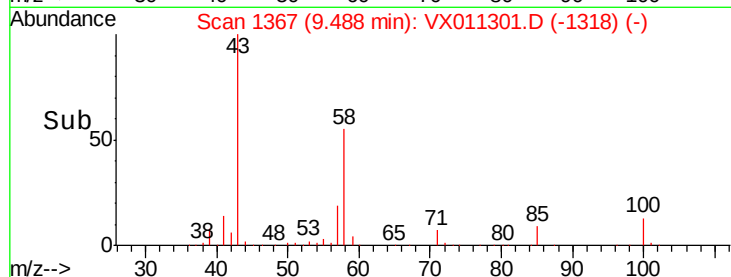
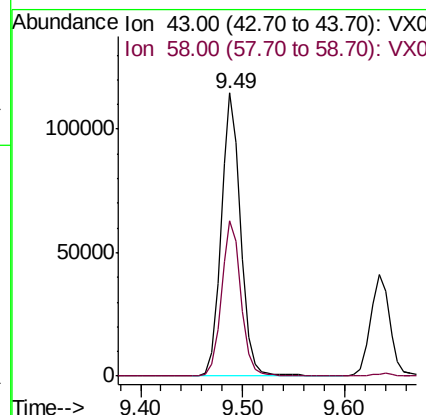
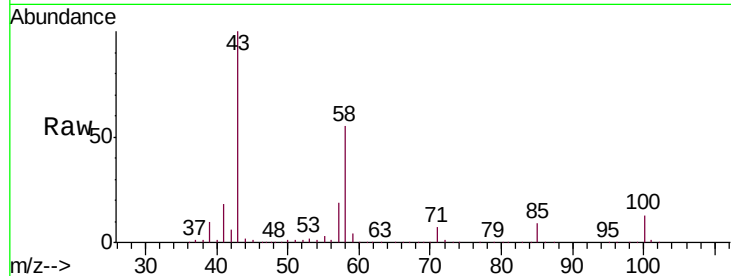




#59
2-Hexanone
Concen: 98.362 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

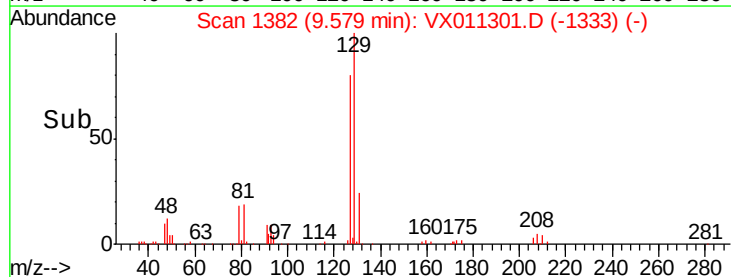
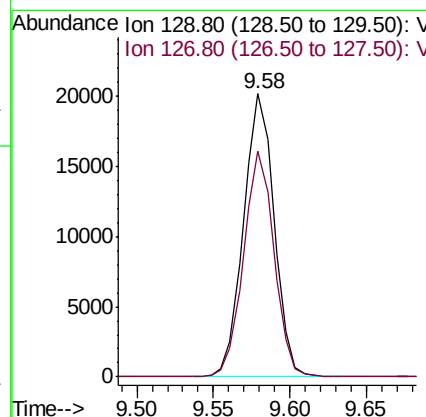
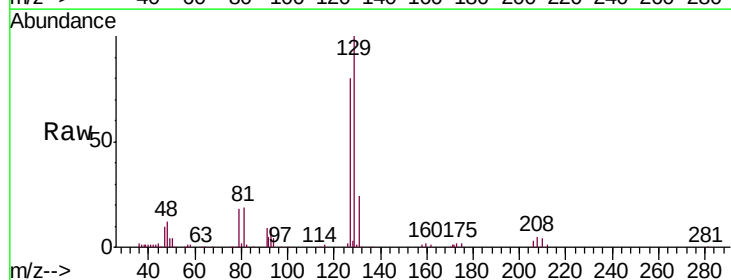
Instrument :
MSVOA_X
ClientSampleId :
VX0802MBSD01

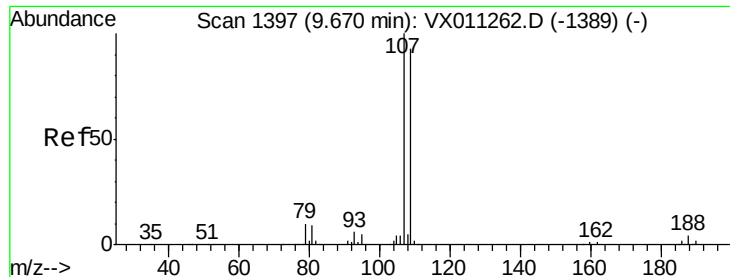
Tgt Ion: 43 Resp: 153054
Ion Ratio Lower Upper
43 100
58 55.3 28.2 84.6



#60
Dibromochloromethane
Concen: 17.418 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion: 129 Resp: 28079
Ion Ratio Lower Upper
129 100
127 79.1 39.2 117.6

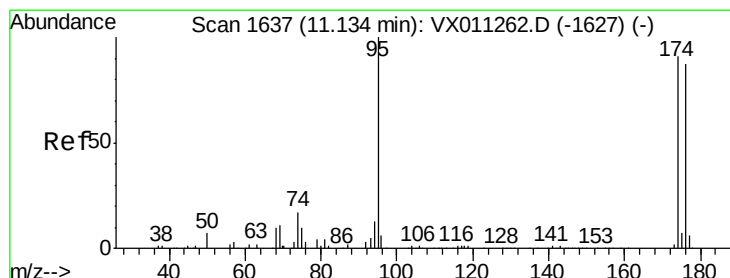
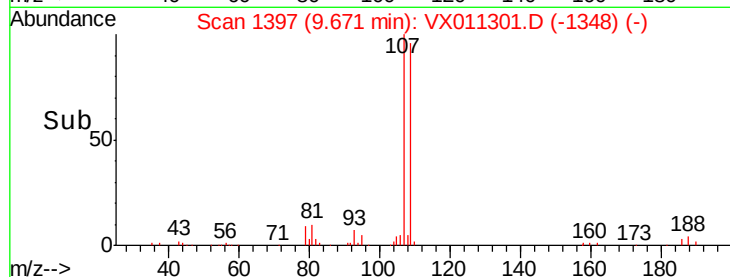
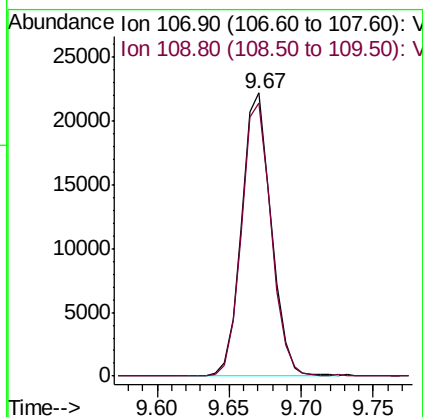
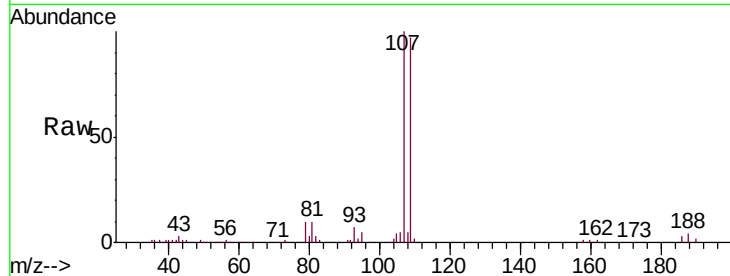




#61
 1,2-Dibromoethane
 Concen: 18.572 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

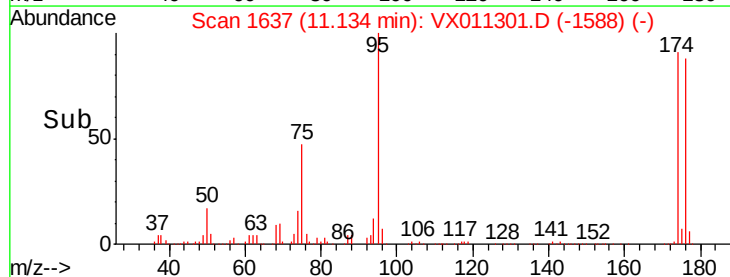
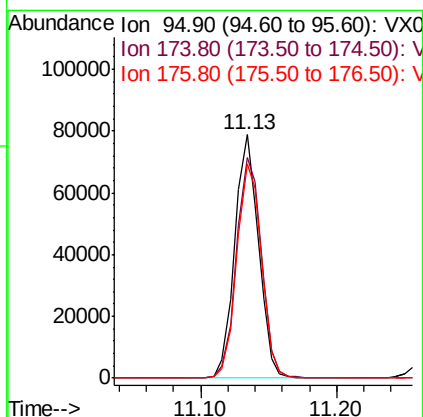
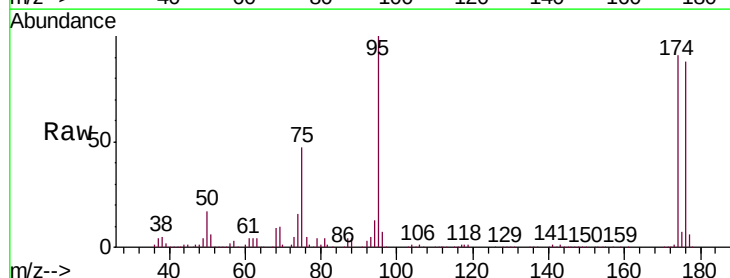
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802MBSD01

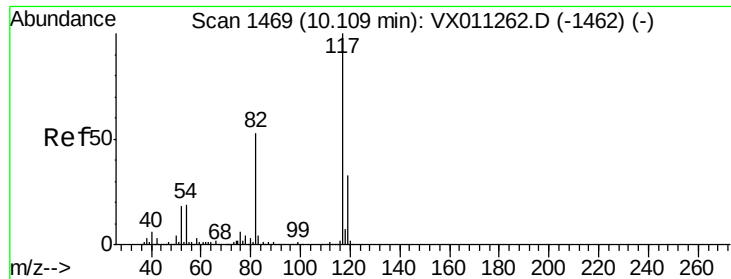
Tgt Ion: 107 Resp: 31594
 Ion Ratio Lower Upper
 107 100
 109 96.8 76.6 114.8



#62
 4-Bromofluorobenzene
 Concen: 49.063 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Tgt Ion: 95 Resp: 95973
 Ion Ratio Lower Upper
 95 100
 174 95.1 0.0 191.2
 176 91.2 0.0 184.8

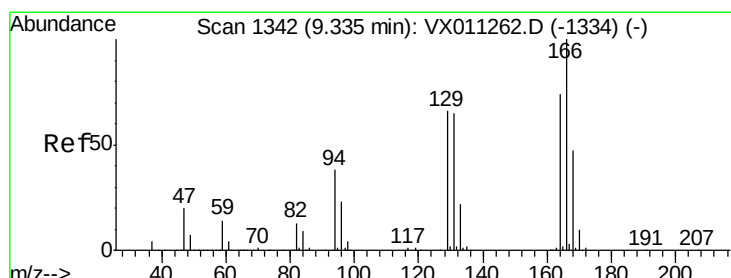
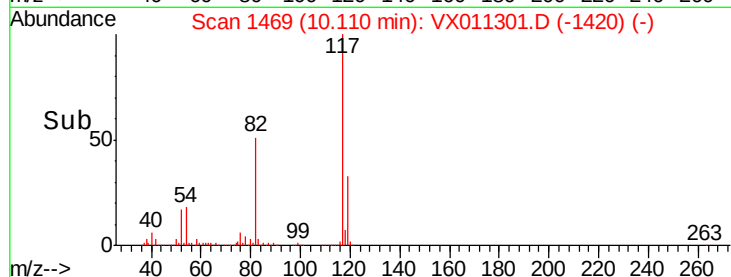
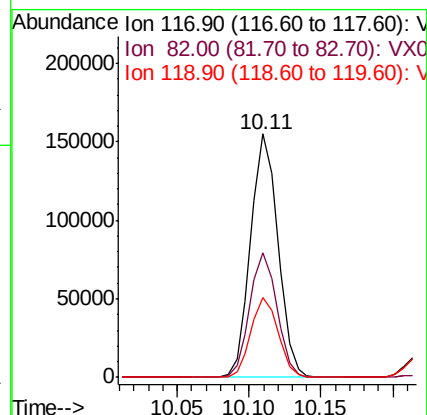
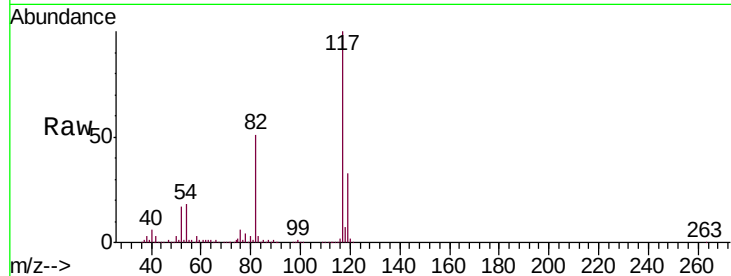




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

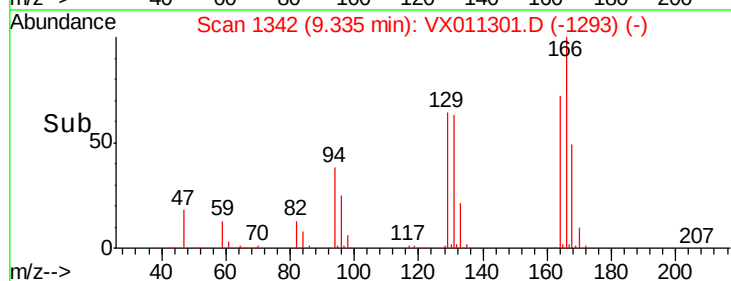
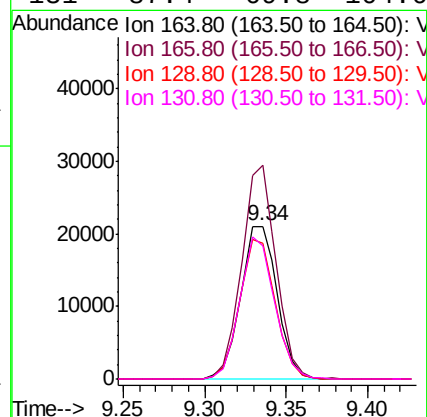
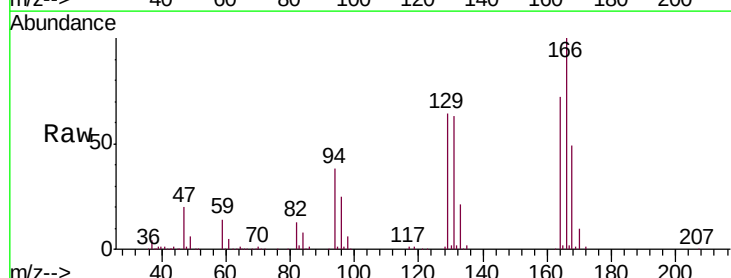
Instrument :
MSVOA_X
ClientSampleId :
VX0802MBSD01

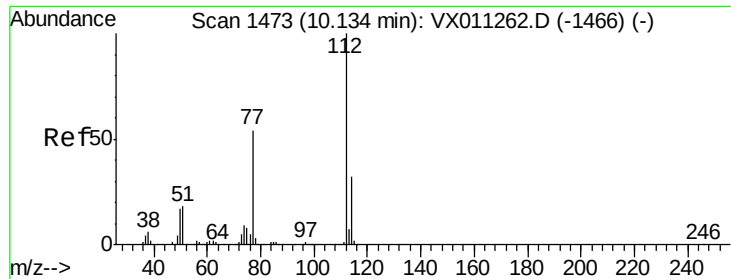
Tgt Ion:117 Resp: 203710
Ion Ratio Lower Upper
117 100
82 51.2 42.2 63.2
119 32.9 26.6 39.8



#64
Tetrachloroethene
Concen: 18.937 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion:164 Resp: 32761
Ion Ratio Lower Upper
164 100
166 139.8 107.5 161.3
129 89.2 71.0 106.4
131 87.4 69.8 104.6

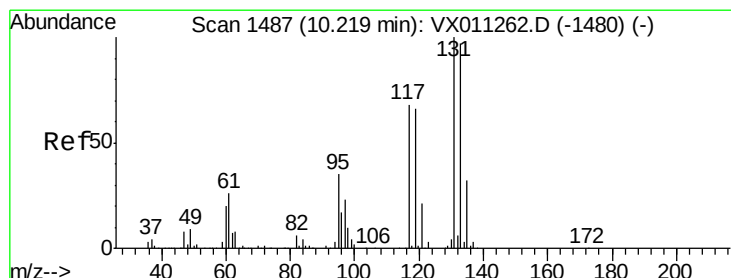
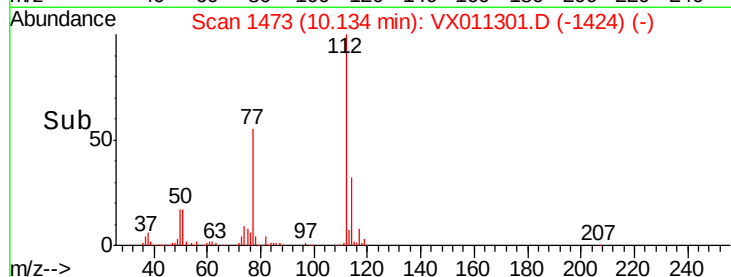
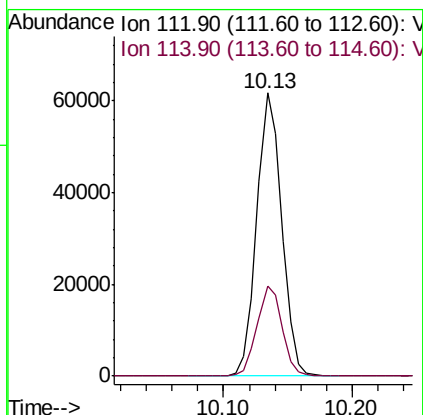
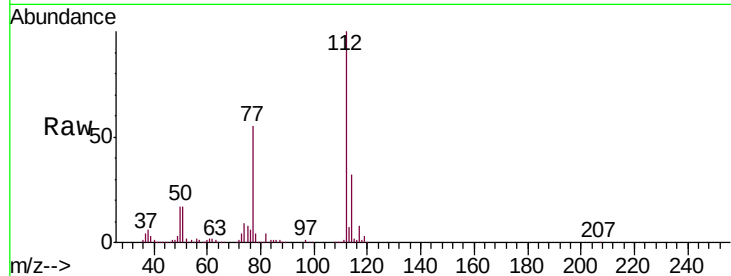




#65
Chlorobenzene
Concen: 18.836 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

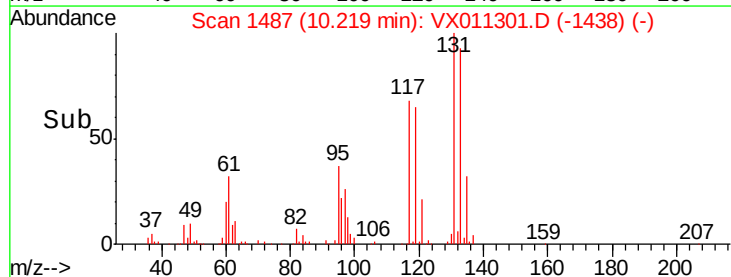
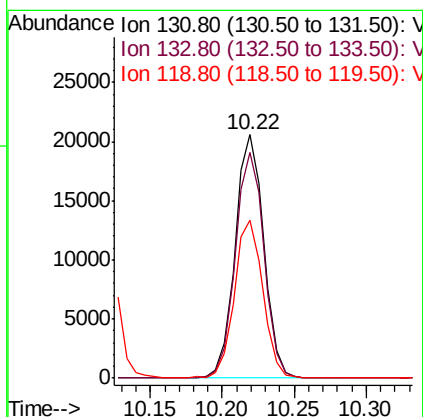
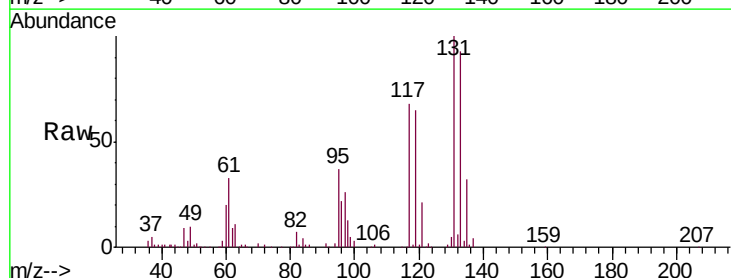
Instrument :
MSVOA_X
ClientSampleId :
VX0802MBSD01

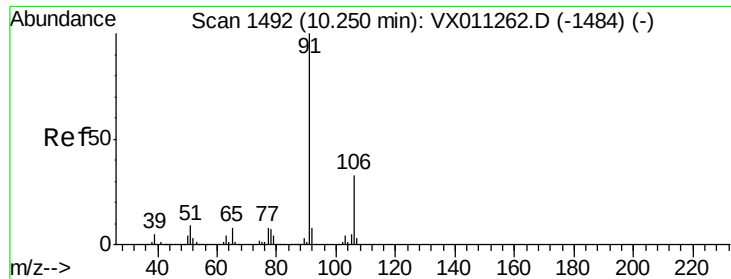
Tgt Ion:112 Resp: 82272
Ion Ratio Lower Upper
112 100
114 31.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.030 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion:131 Resp: 28456
Ion Ratio Lower Upper
131 100
133 92.8 47.7 143.1
119 64.9 32.8 98.3





#67

Ethyl Benzene

Concen: 18.818 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

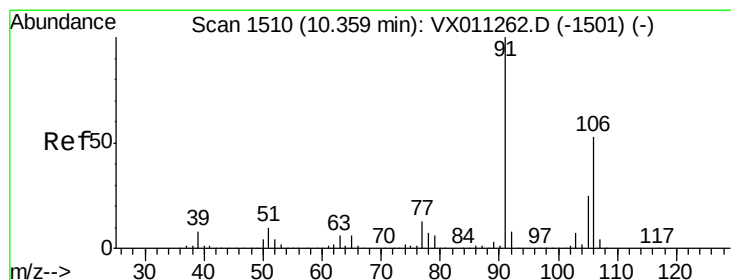
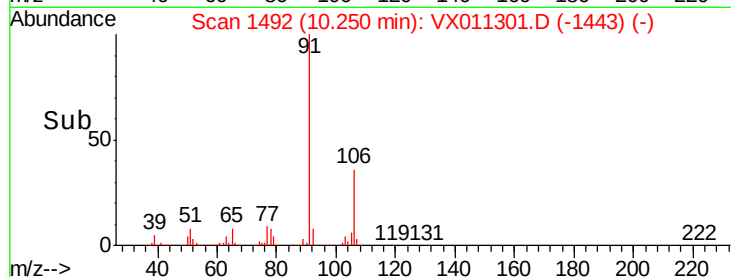
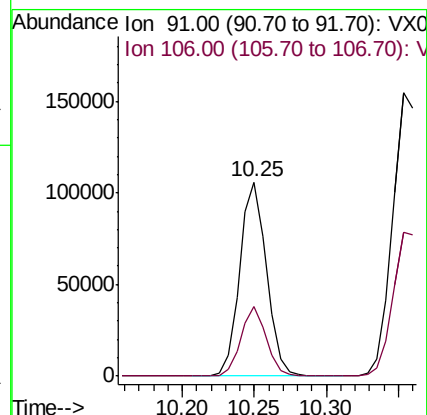
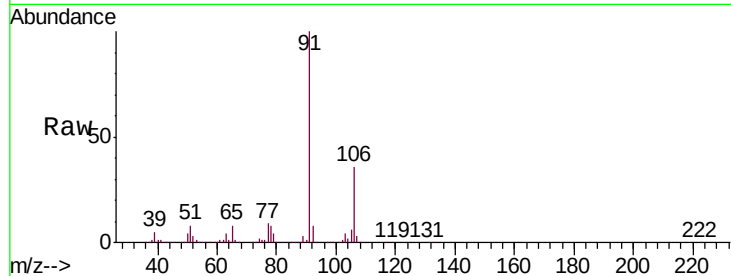
VX0802MBSD01

Tgt Ion: 91 Resp: 137652

Ion Ratio Lower Upper

91 100

106 35.9 26.2 39.4



#68

m/p-Xylenes

Concen: 38.583 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011301.D

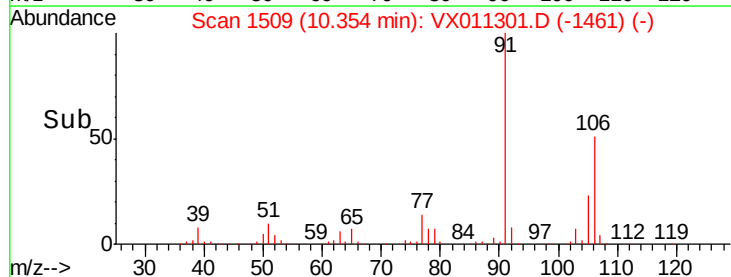
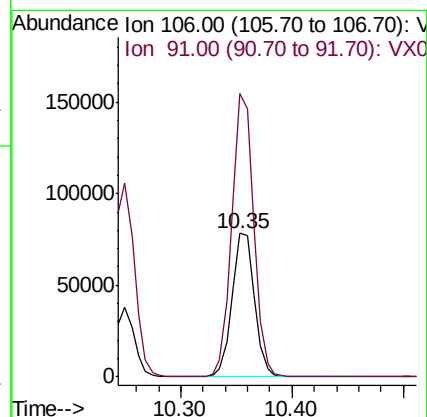
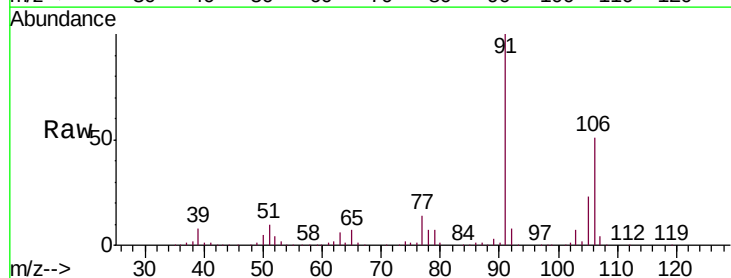
Acq: 02 Aug 2019 13:46

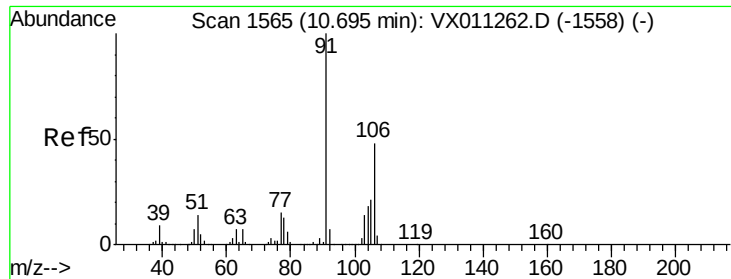
Tgt Ion: 106 Resp: 109169

Ion Ratio Lower Upper

106 100

91 193.7 155.9 233.9

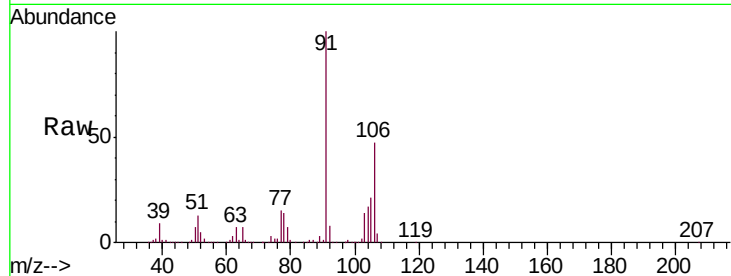




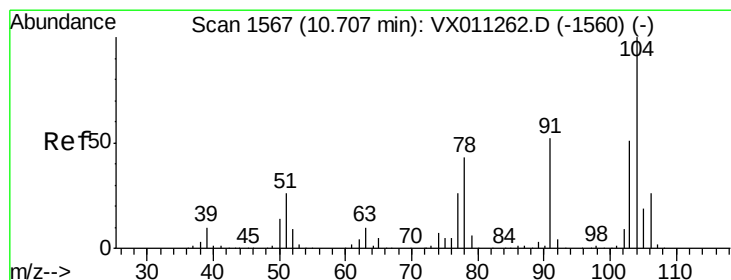
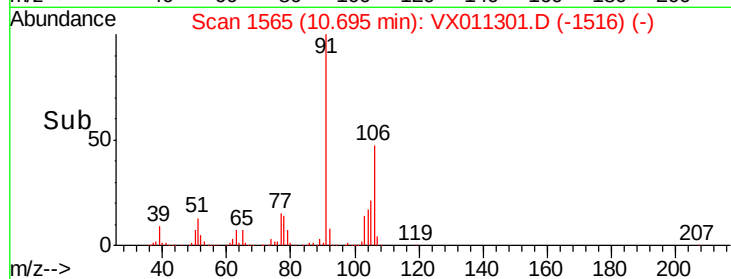
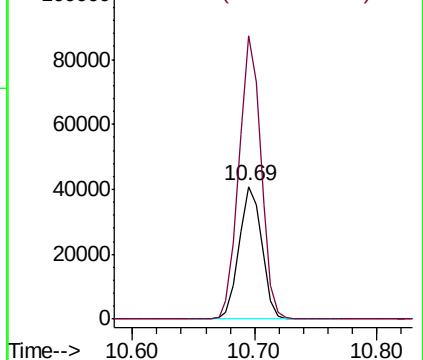
#69
o-Xylene
Concen: 18.816 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBSD01

Tgt Ion:106 Resp: 52309
Ion Ratio Lower Upper
106 100
91 207.7 103.8 311.3

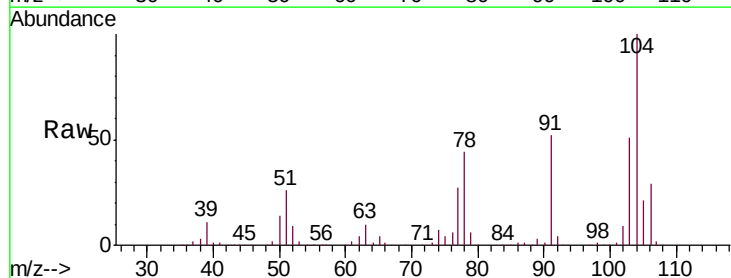


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

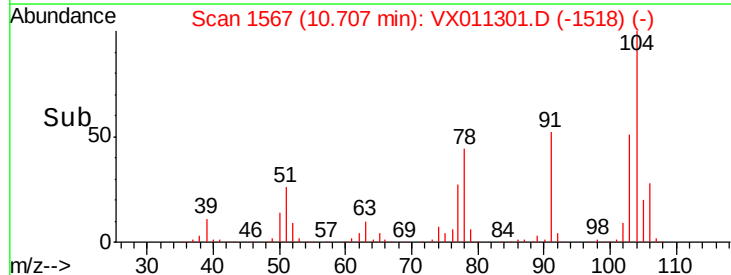
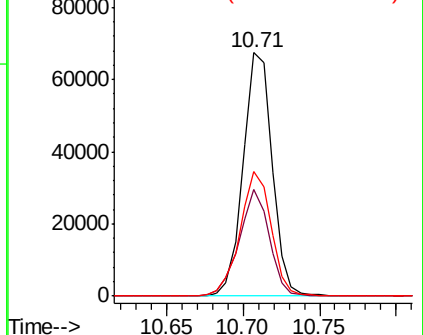


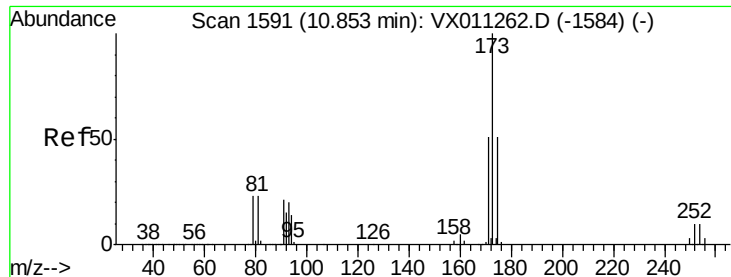
#70
Styrene
Concen: 19.373 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion:104 Resp: 89116
Ion Ratio Lower Upper
104 100
78 45.6 36.9 55.3
103 55.0 44.4 66.6



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: 17.100 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBSD01

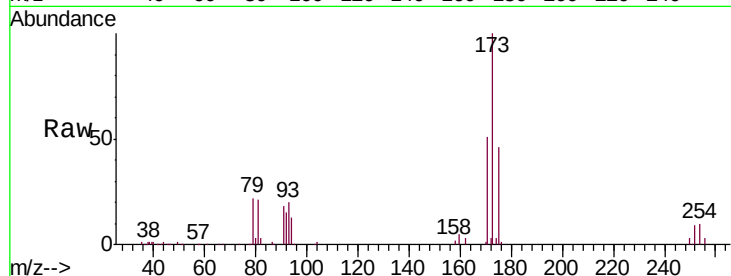
Tgt Ion:173 Resp: 20218

Ion Ratio Lower Upper

173 100

175 48.2 24.4 73.4

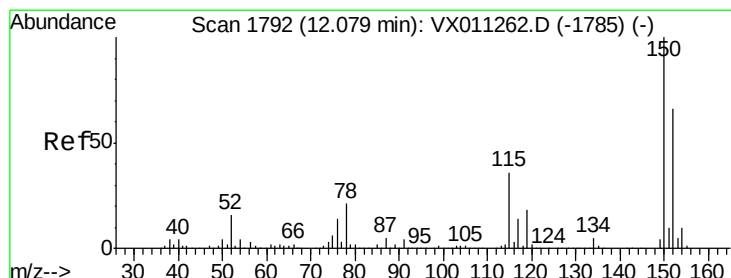
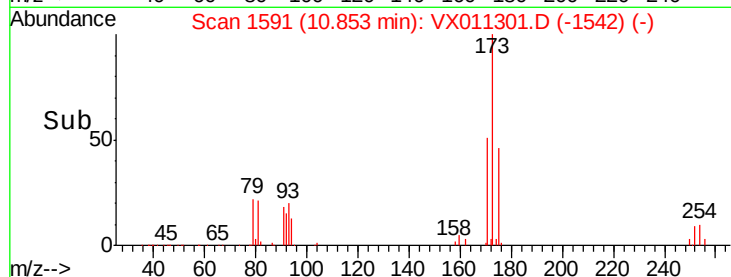
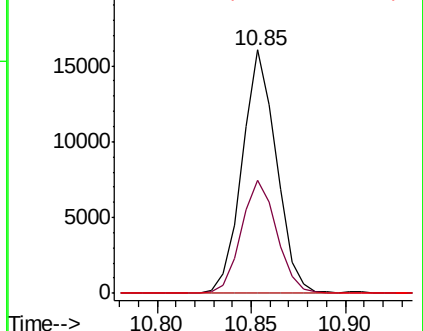
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

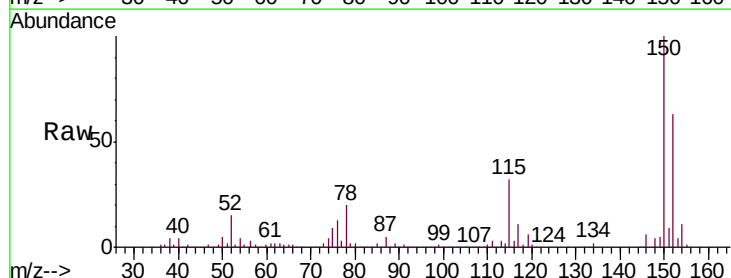
Tgt Ion:152 Resp: 105469

Ion Ratio Lower Upper

152 100

115 63.8 40.0 119.9

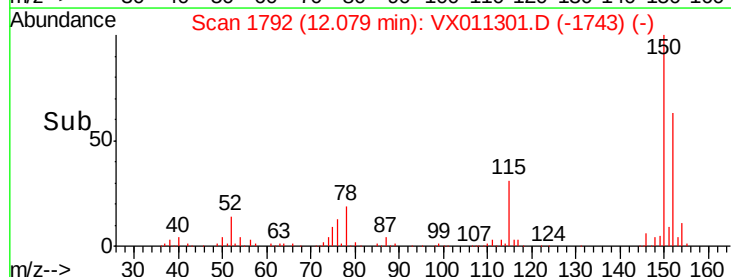
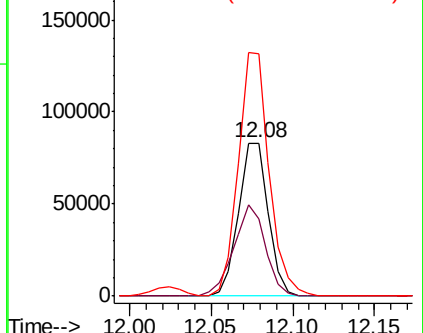
150 164.6 0.0 350.4

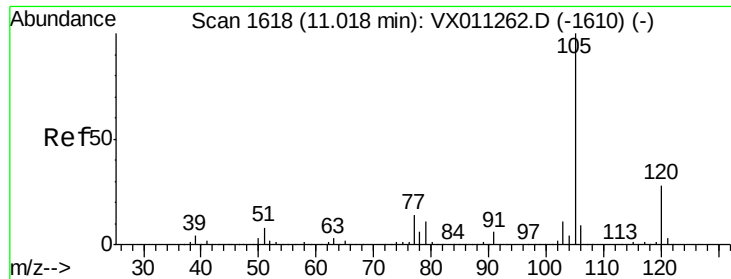


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.370 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

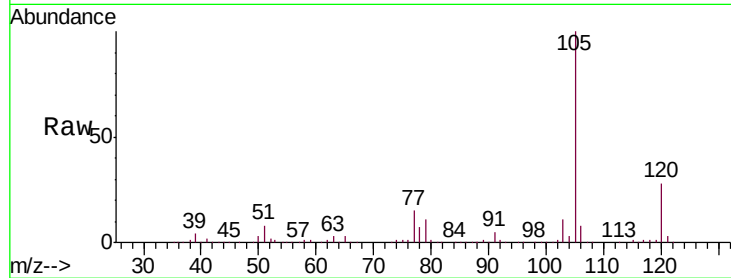
VX0802MBSD01

Tgt Ion: 105 Resp: 139724

Ion Ratio Lower Upper

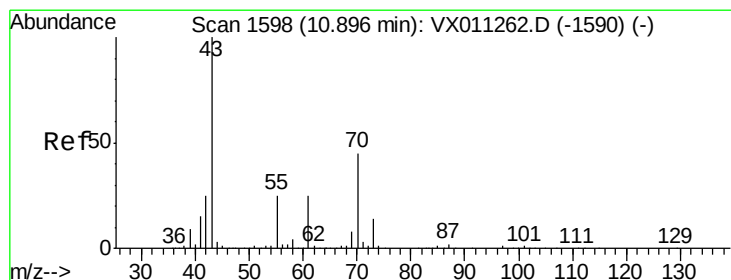
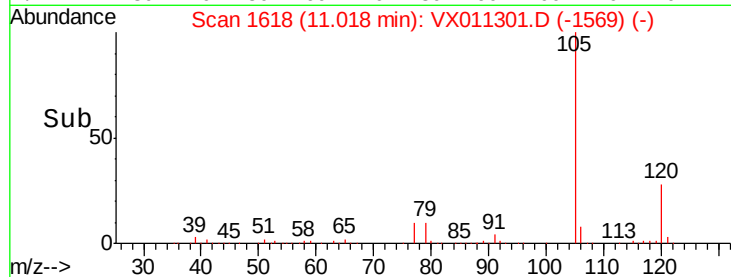
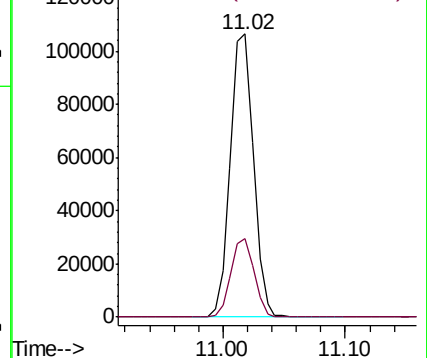
105 100

120 27.7 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-amyl acetate

Concen: 19.461 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Tgt Ion: 43 Resp: 50723

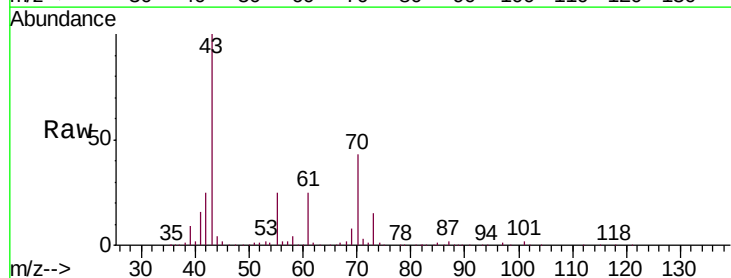
Ion Ratio Lower Upper

43 100

70 44.9 35.9 53.9

55 25.6 19.8 29.6

61 24.8 19.7 29.5

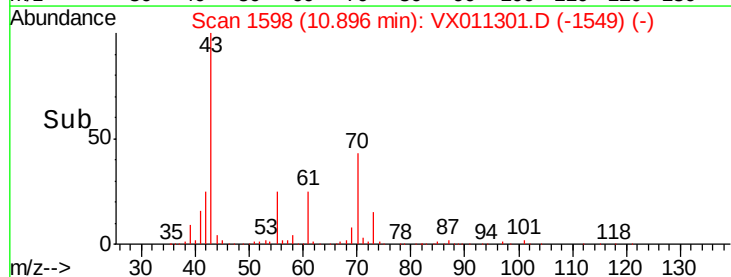
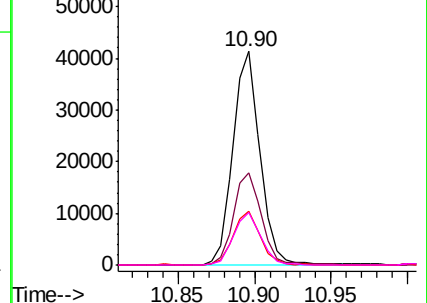


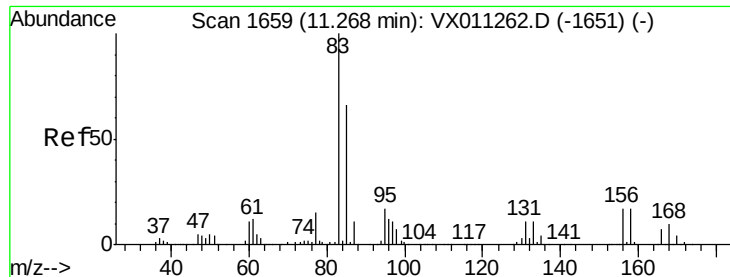
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.603 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBSD01

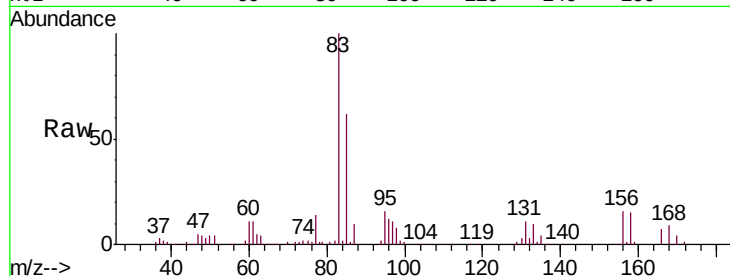
Tgt Ion: 83 Resp: 47123

Ion Ratio Lower Upper

83 100

131 10.9 5.6 16.8

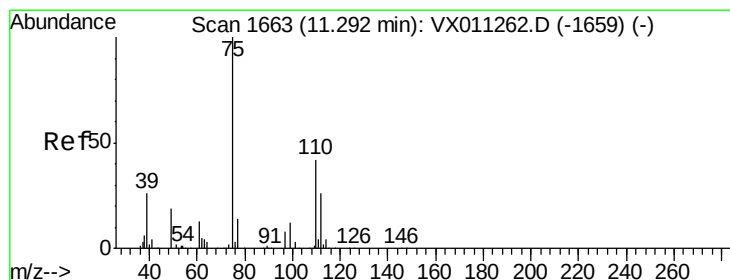
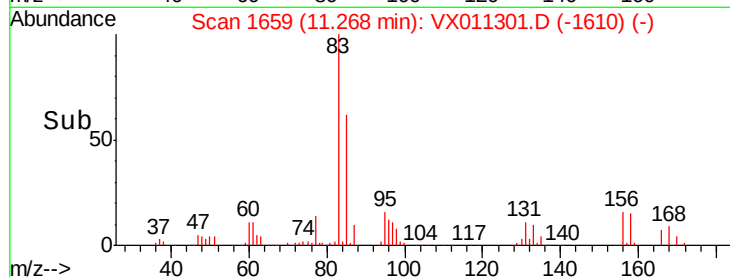
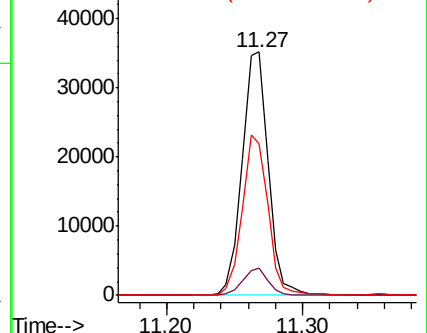
85 64.9 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.805 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011301.D

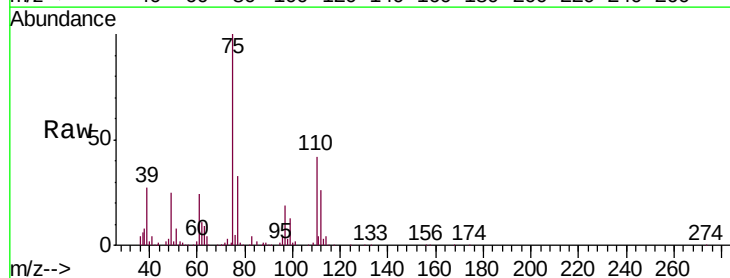
Acq: 02 Aug 2019 13:46

Tgt Ion: 75 Resp: 47643

Ion Ratio Lower Upper

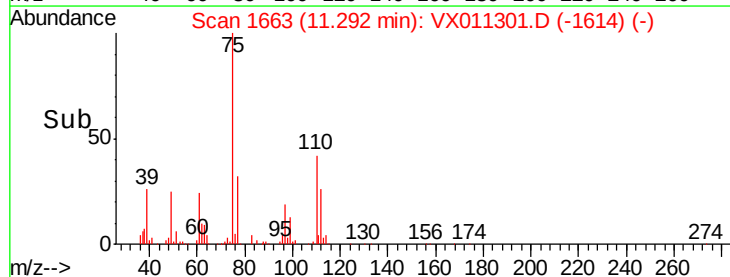
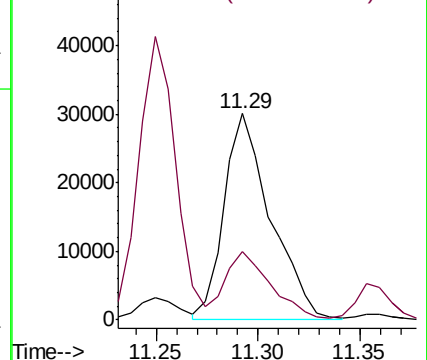
75 100

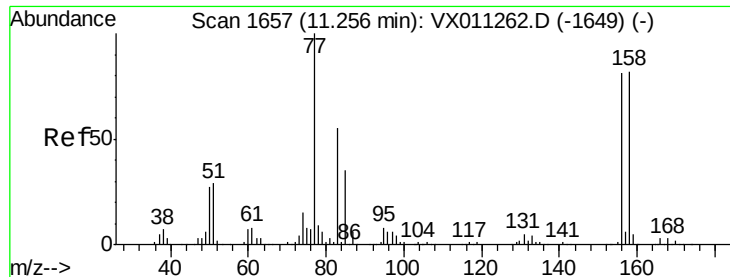
77 32.6 21.1 63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.230 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBS01

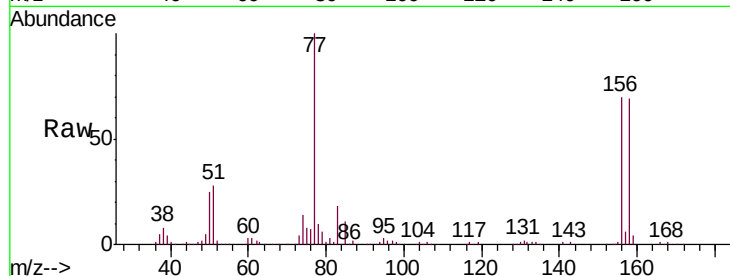
Tgt Ion:156 Resp: 38465

Ion Ratio Lower Upper

156 100

77 134.7 66.2 198.6

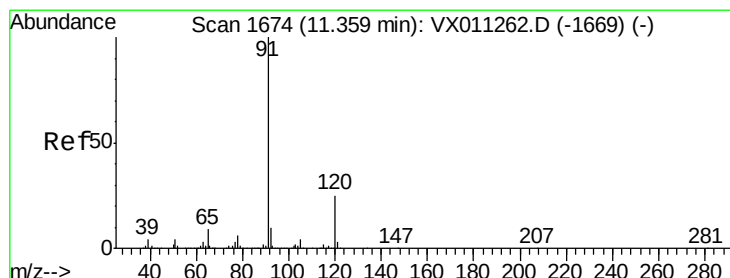
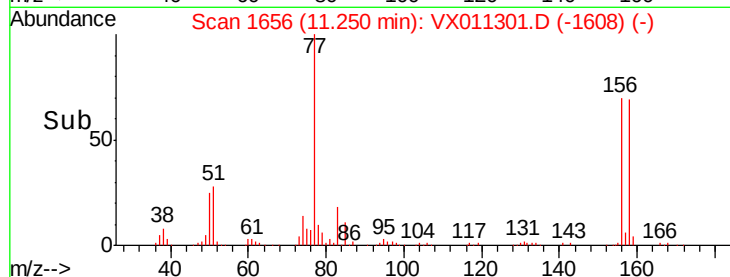
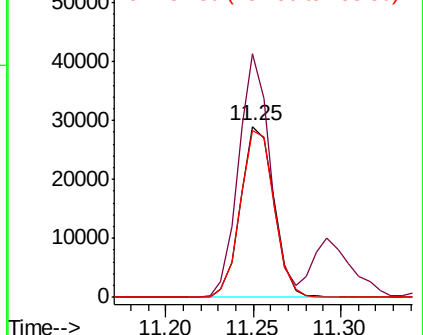
158 99.0 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.198 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011301.D

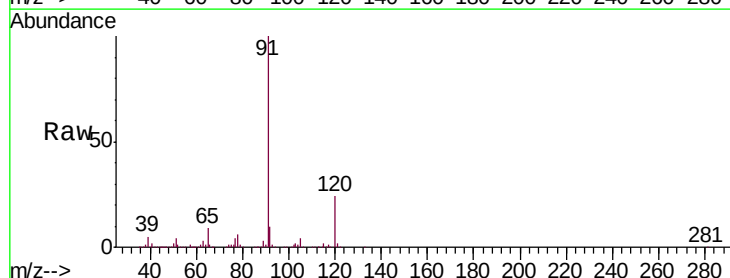
Acq: 02 Aug 2019 13:46

Tgt Ion: 91 Resp: 153999

Ion Ratio Lower Upper

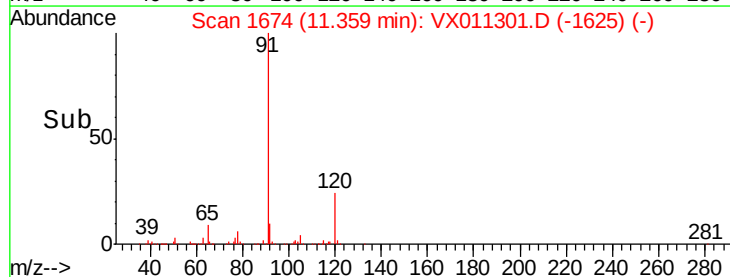
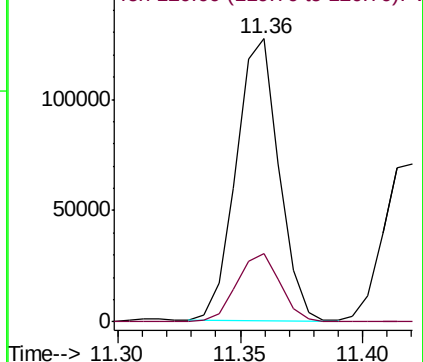
91 100

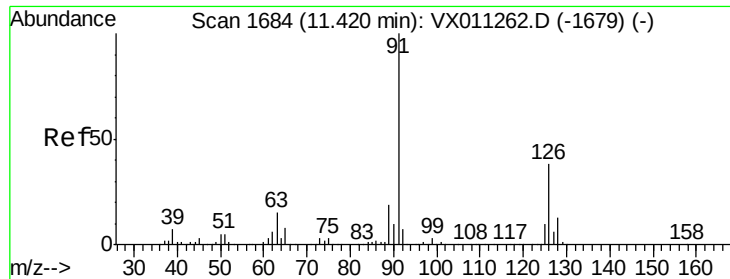
120 24.7 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.176 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

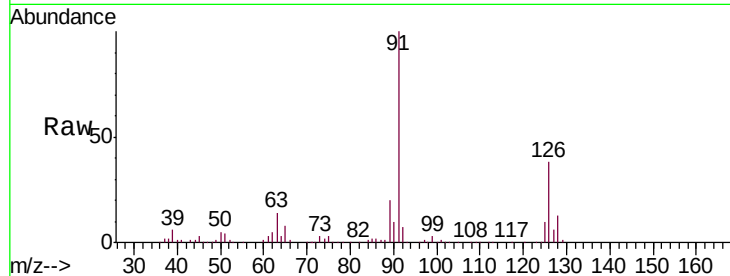
VX0802MBSD01

Tgt Ion: 91 Resp: 91684

Ion Ratio Lower Upper

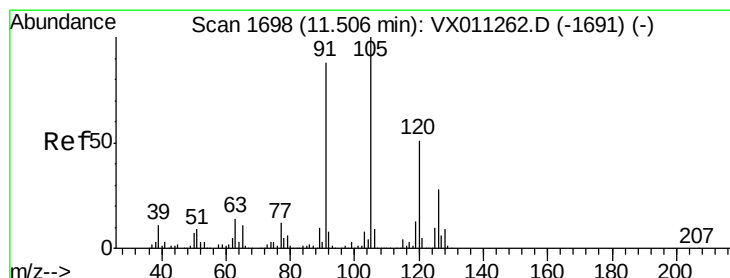
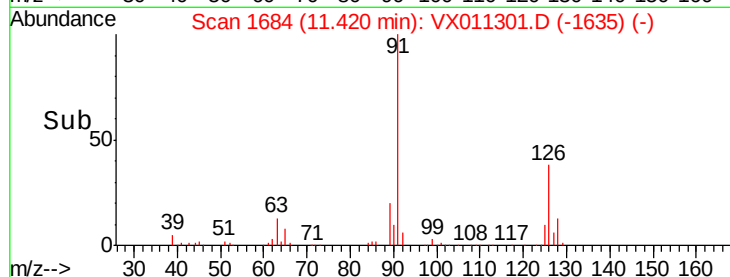
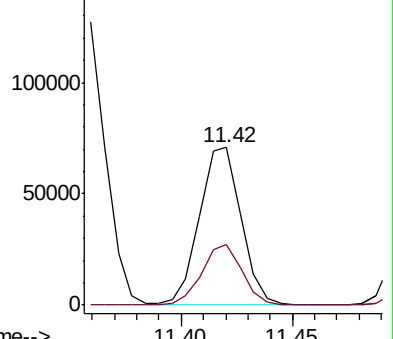
91 100

126 37.6 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VX011262.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX011262.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.343 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011301.D

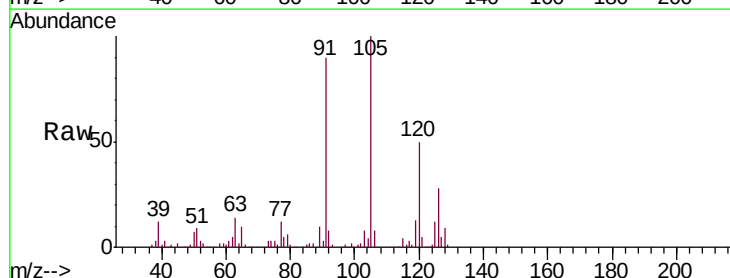
Acq: 02 Aug 2019 13:46

Tgt Ion: 105 Resp: 116802

Ion Ratio Lower Upper

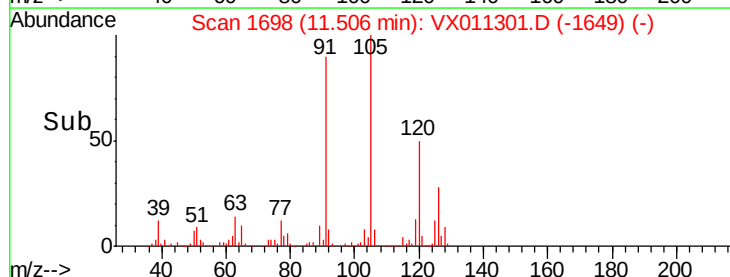
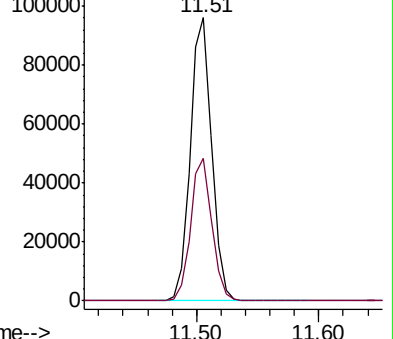
105 100

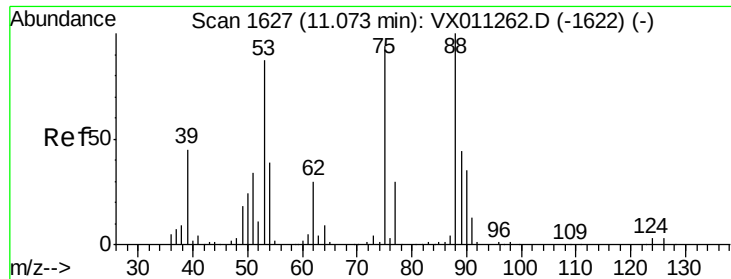
120 50.1 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VX011262.D (-1691) (-)

Ion 120.00 (119.70 to 120.70): VX011262.D (-1691) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.756 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

VX0802MBSD01

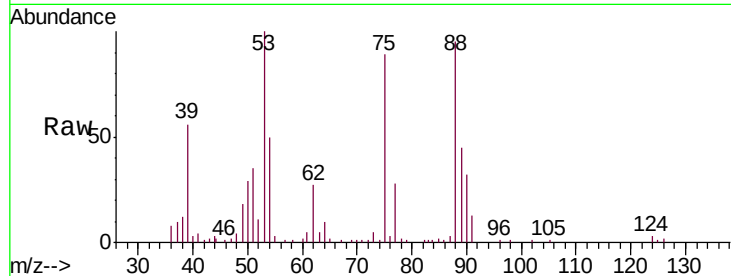
Tgt Ion: 75 Resp: 10462

Ion Ratio Lower Upper

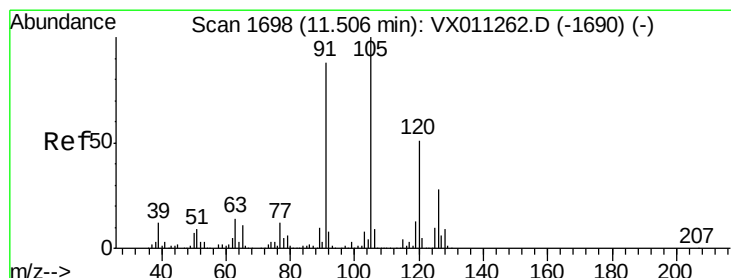
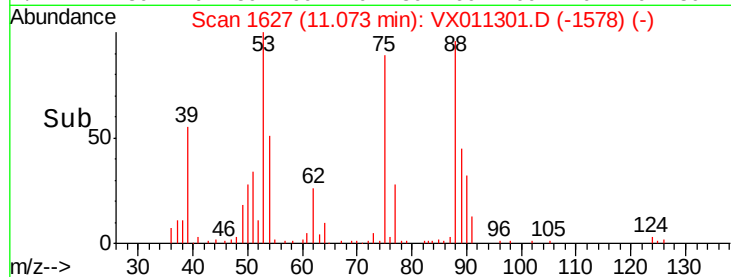
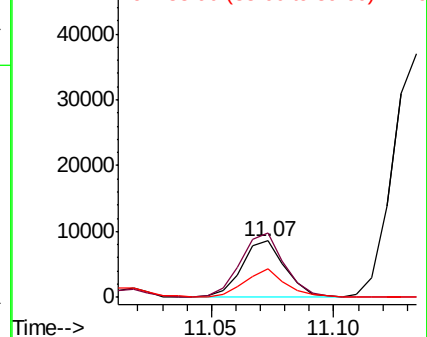
75 100

53 117.6 78.2 117.4#

89 48.3 37.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.884 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011301.D

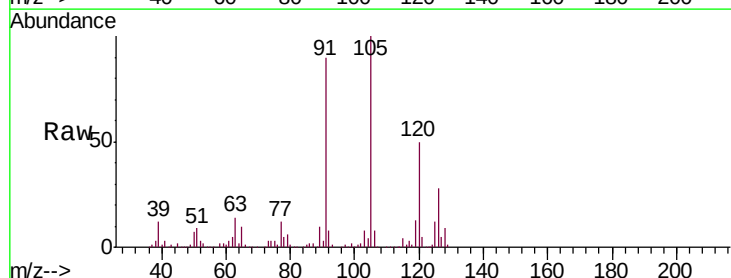
Acq: 02 Aug 2019 13:46

Tgt Ion: 91 Resp: 105224

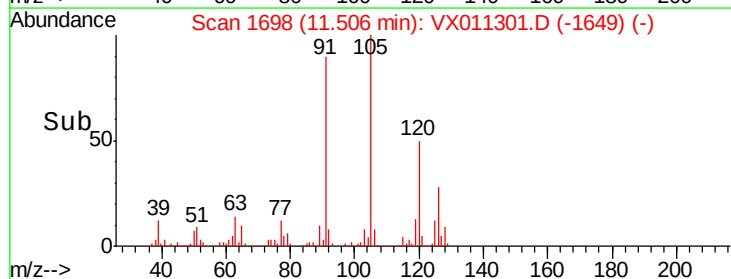
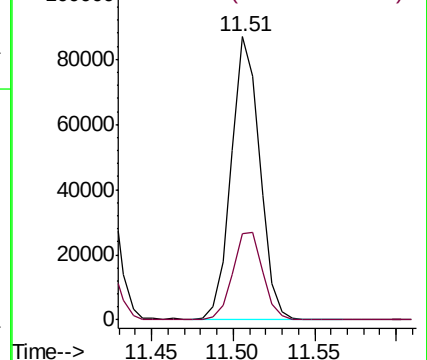
Ion Ratio Lower Upper

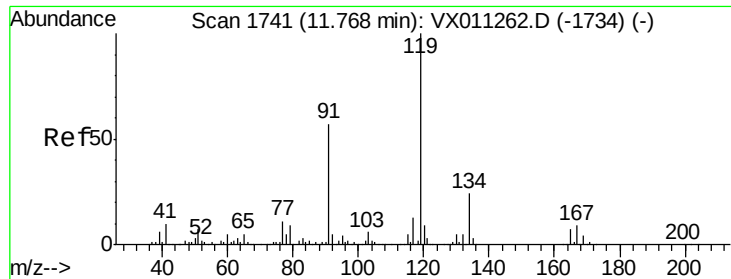
91 100

126 32.5 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

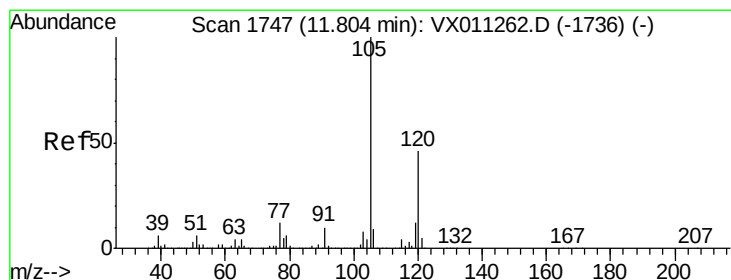
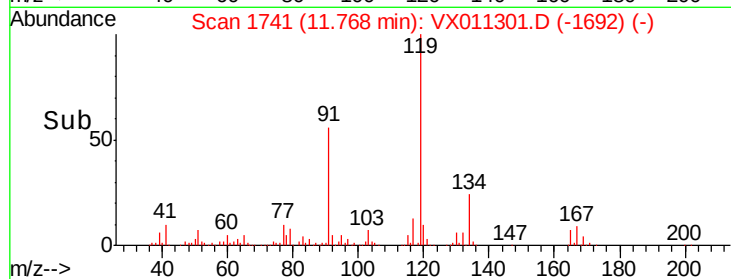
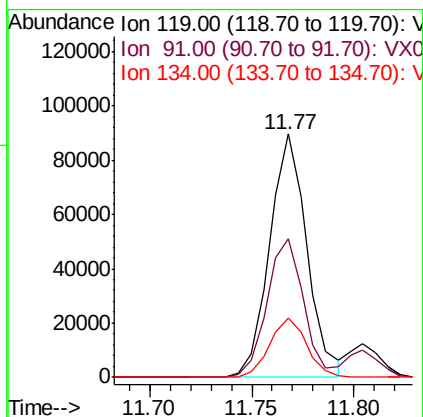
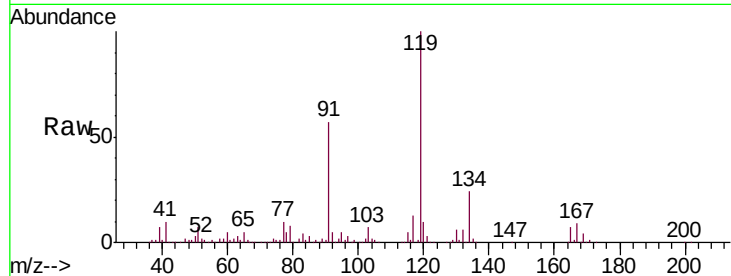




#83
 tert-Butylbenzene
 Concen: 19.256 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

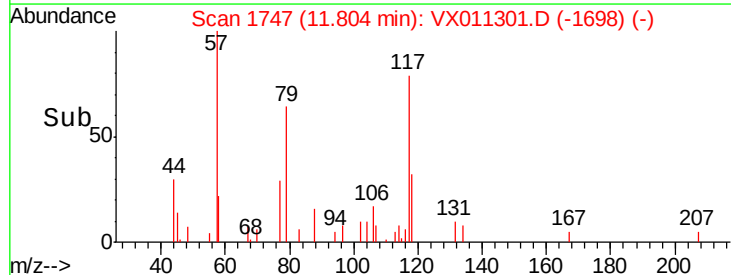
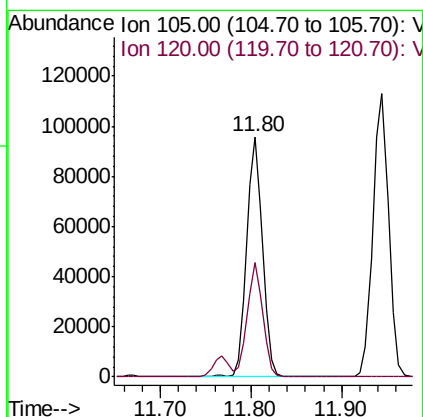
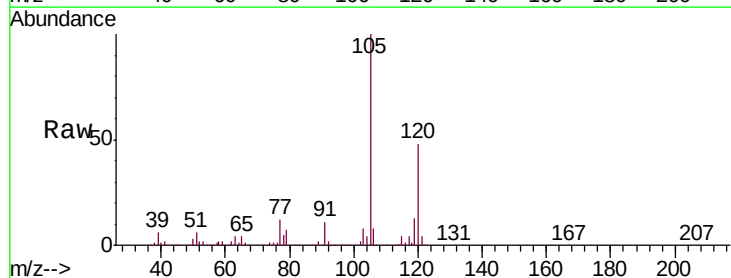
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802MBSD01

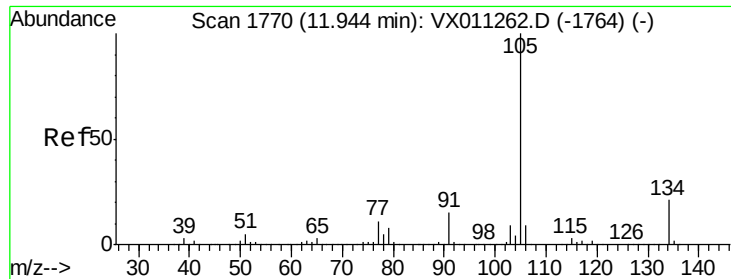
Tgt Ion:119 Resp: 114039
 Ion Ratio Lower Upper
 119 100
 91 56.7 28.0 84.0
 134 24.4 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.338 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Tgt Ion:105 Resp: 116257
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.0 69.0





#85

sec-Butylbenzene

Concen: 19.093 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

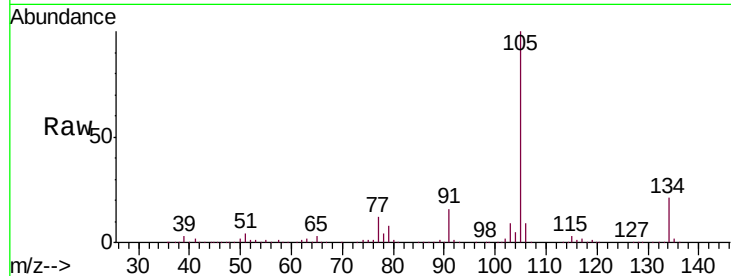
VX0802MBSD01

Tgt Ion:105 Resp: 135856

Ion Ratio Lower Upper

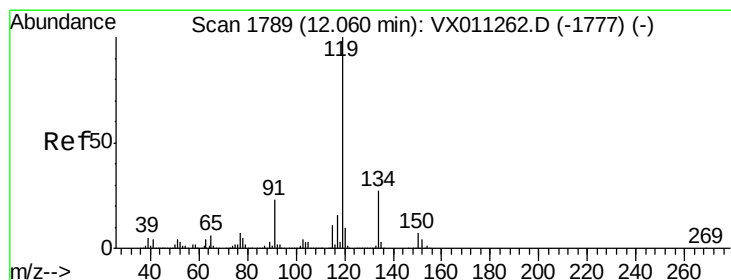
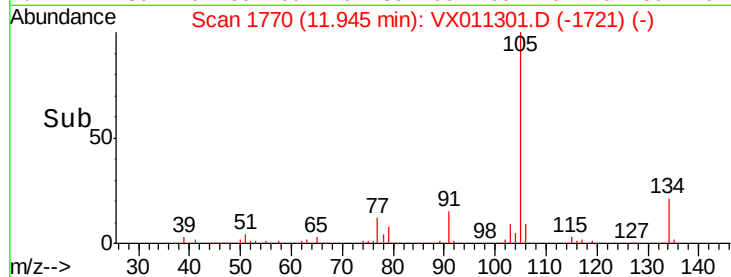
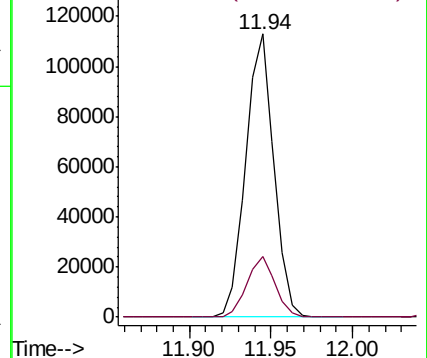
105 100

134 21.4 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.066 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011301.D

Acq: 02 Aug 2019 13:46

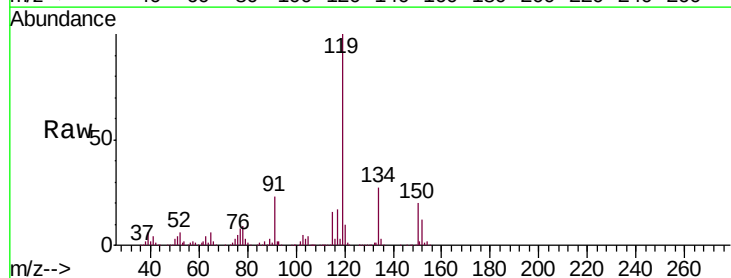
Tgt Ion:119 Resp: 124802

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.0

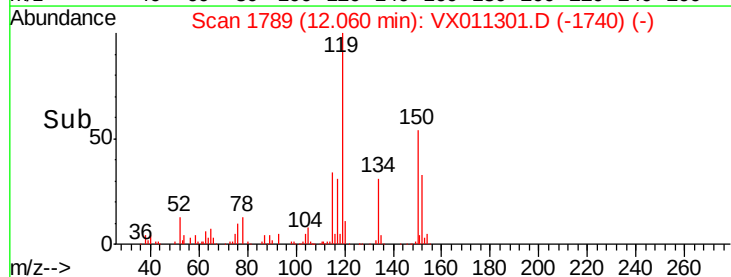
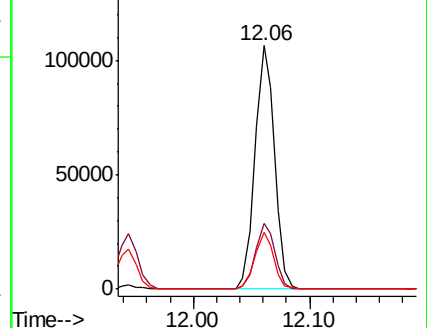
91 22.9 11.4 34.2

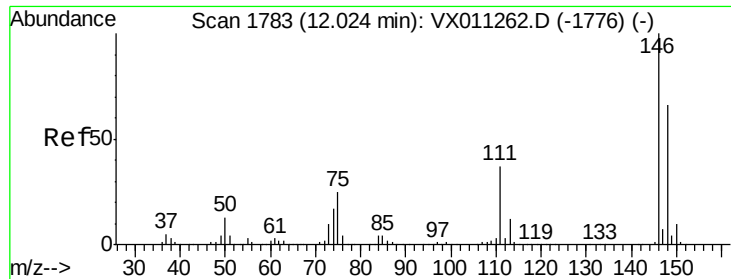


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

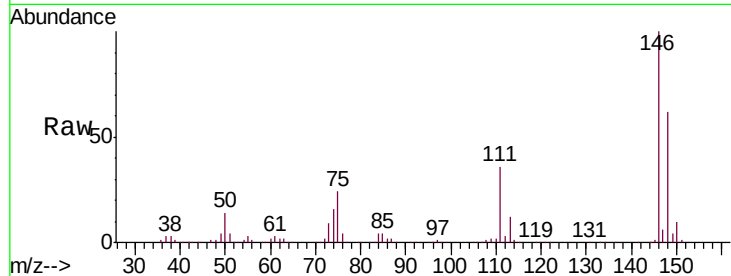




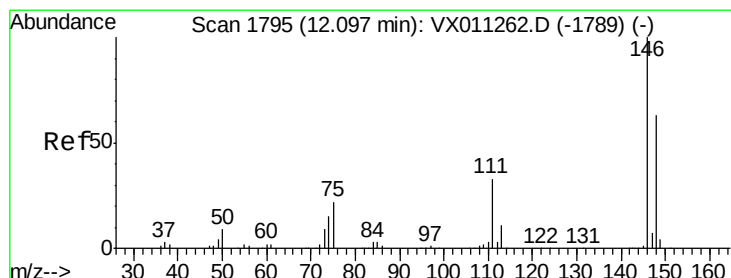
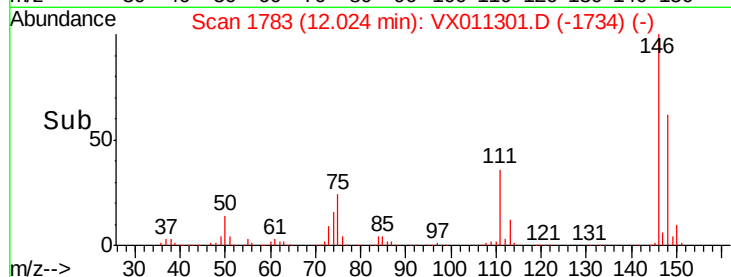
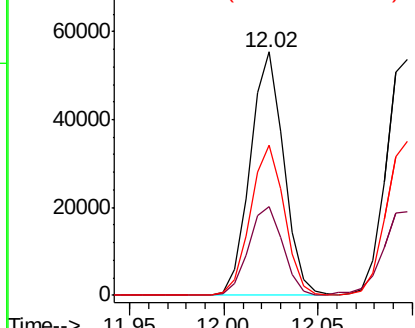
#87
 1,3-Dichlorobenzene
 Concen: 19.336 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802MBSD01

Tgt Ion:146 Resp: 68336
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.6 55.8
 148 62.4 32.5 97.5

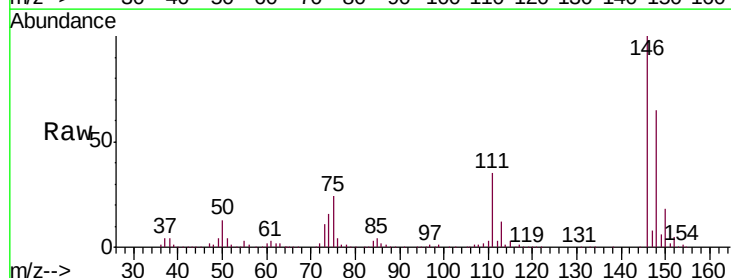


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

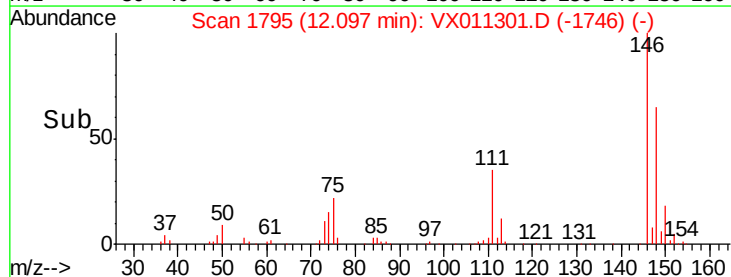
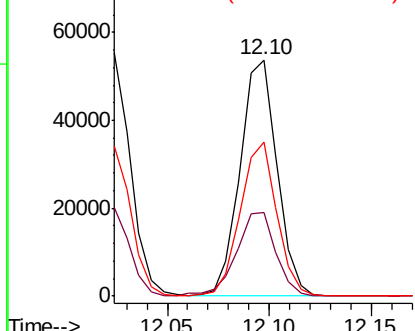


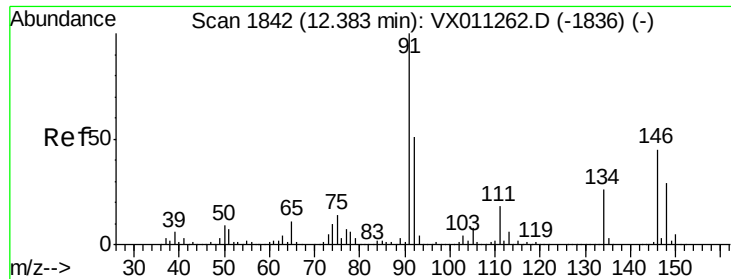
#88
 1,4-Dichlorobenzene
 Concen: 18.603 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Tgt Ion:146 Resp: 67794
 Ion Ratio Lower Upper
 146 100
 111 37.7 17.8 53.4
 148 64.6 31.8 95.3



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

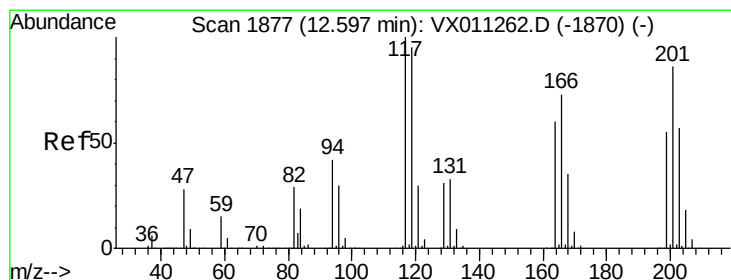
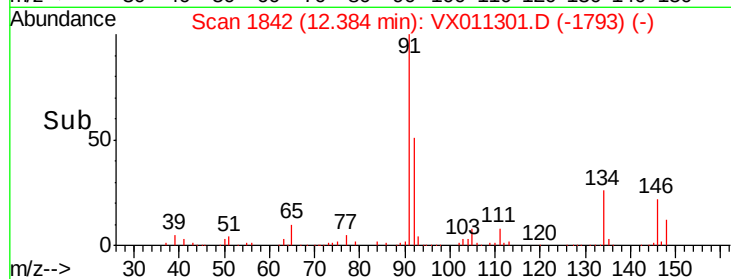
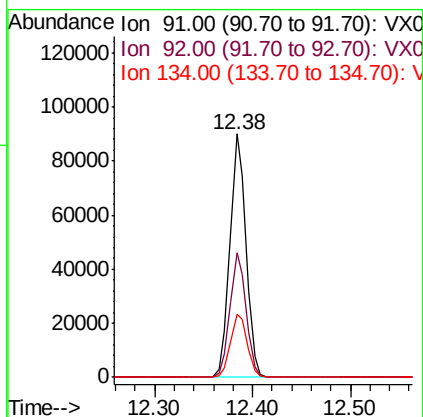
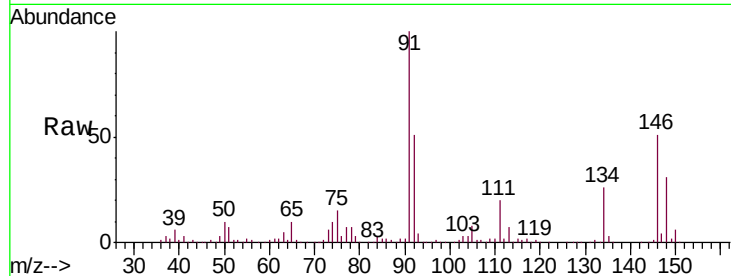




#89
n-Butylbenzene
Concen: 18.334 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

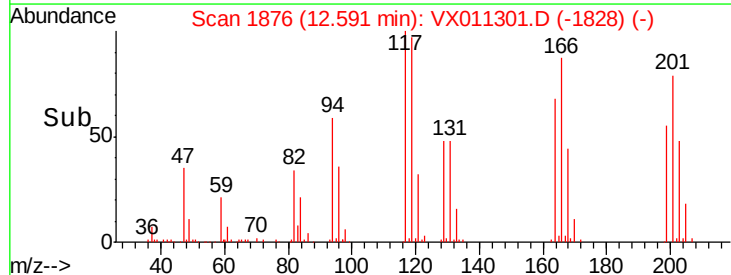
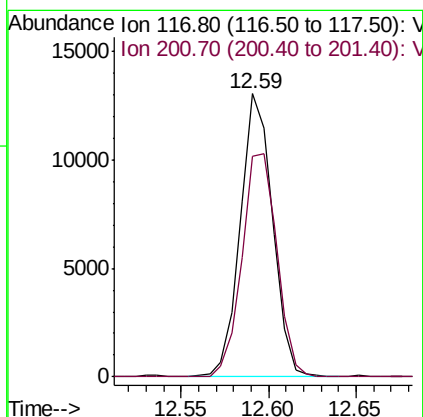
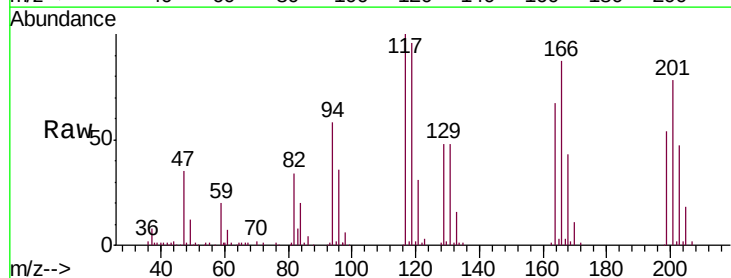
Instrument :
MSVOA_X
ClientSampleId :
VX0802MBSD01

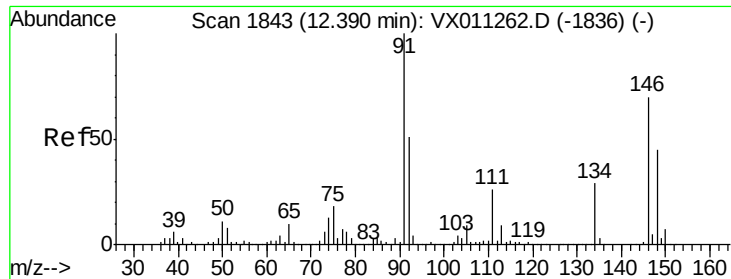
Tgt Ion: 91 Resp: 103395
Ion Ratio Lower Upper
91 100
92 51.4 25.8 77.3
134 27.1 13.7 41.0



#90
Hexachloroethane
Concen: 17.323 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion: 117 Resp: 16765
Ion Ratio Lower Upper
117 100
201 85.1 41.8 125.4

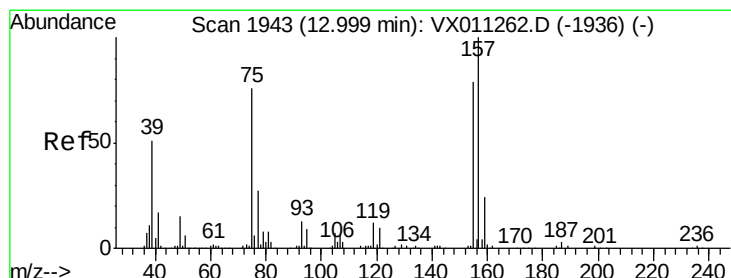
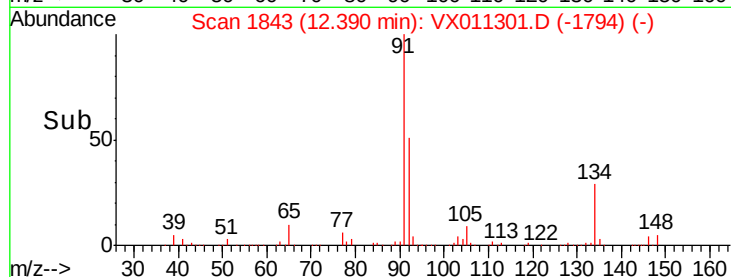
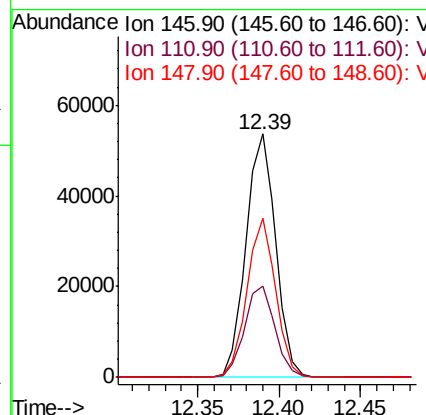
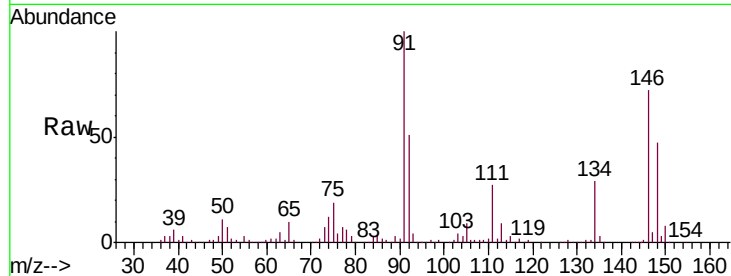




#91
 1,2-Dichlorobenzene
 Concen: 19.227 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

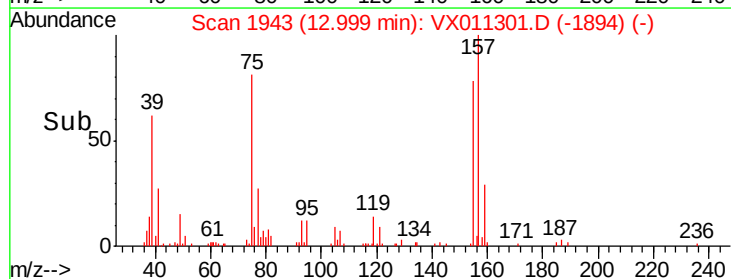
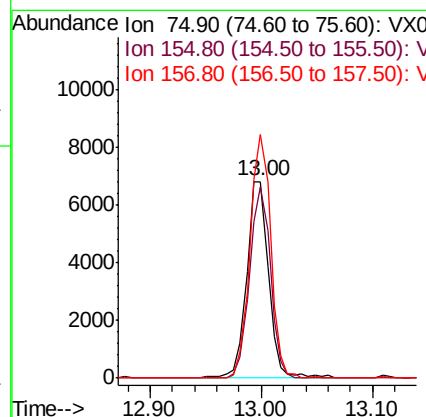
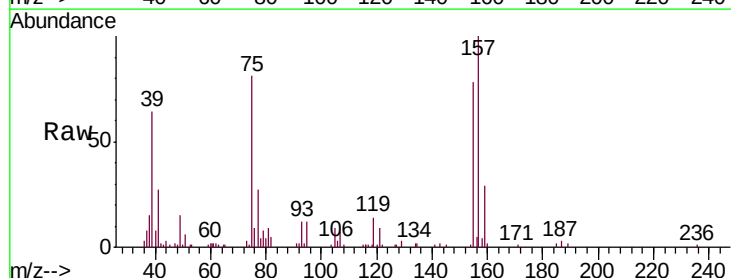
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802MBSD01

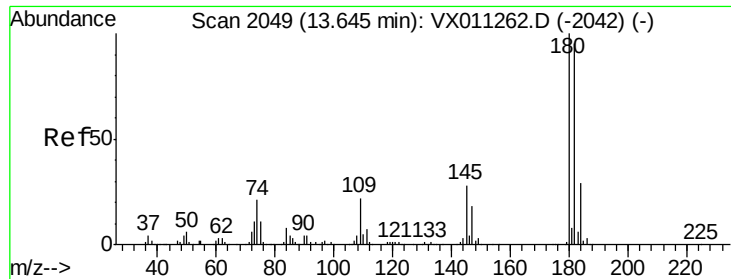
Tgt Ion: 146 Resp: 68277
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.1 57.1
 148 63.1 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.993 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Tgt Ion: 75 Resp: 9311
 Ion Ratio Lower Upper
 75 100
 155 92.4 51.9 155.8
 157 116.6 64.3 192.7

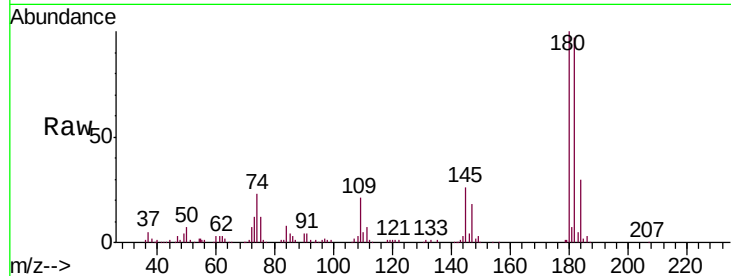




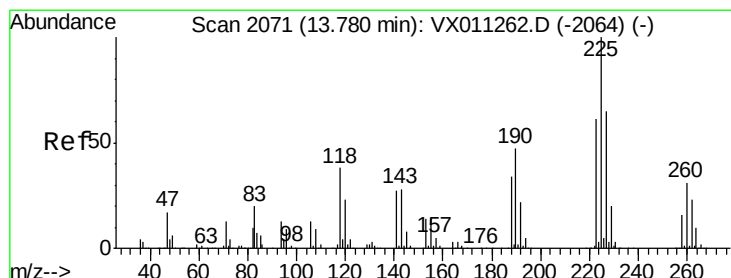
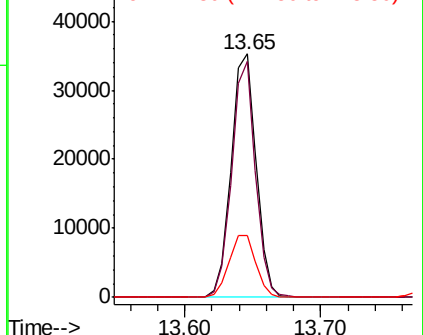
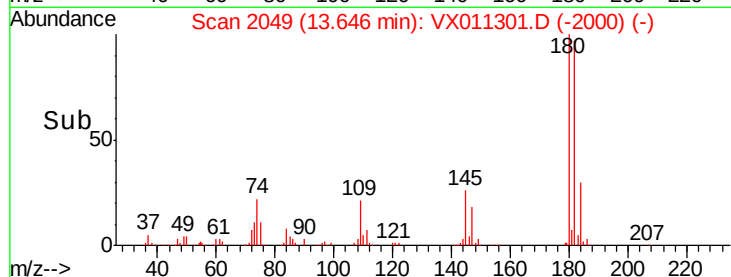
#93
 1,2,4-Trichlorobenzene
 Concen: 19.086 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802MBS01

Tgt Ion:180 Resp: 44948
 Ion Ratio Lower Upper
 180 100
 182 92.0 47.8 143.4
 145 27.5 14.8 44.3

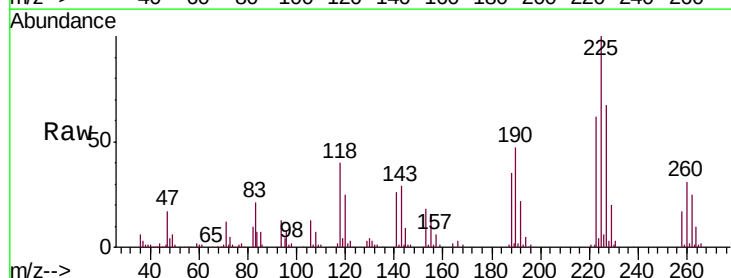


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

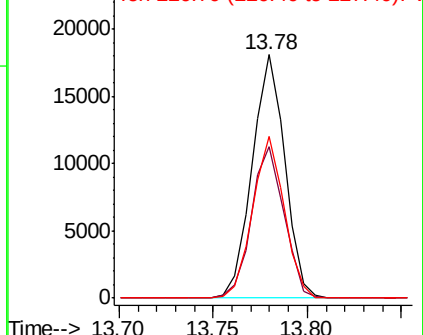
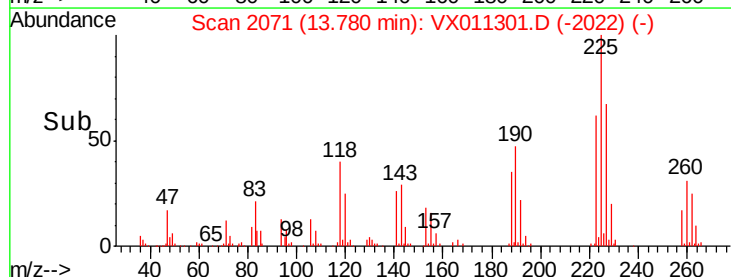


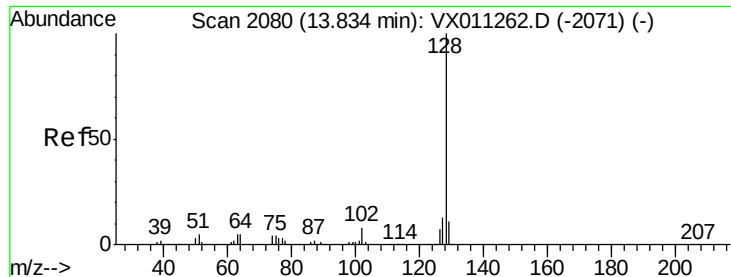
#94
 Hexachlorobutadiene
 Concen: 18.236 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011301.D
 Acq: 02 Aug 2019 13:46

Tgt Ion:225 Resp: 21789
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.0 93.0
 227 64.0 32.2 96.6



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

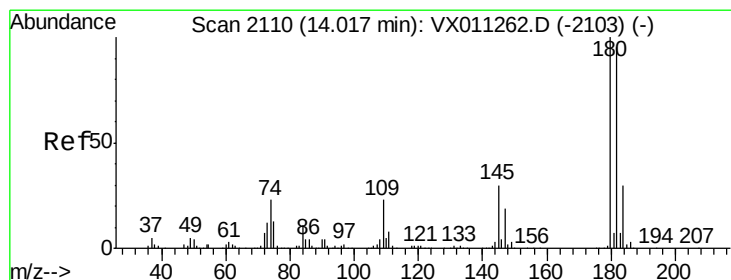
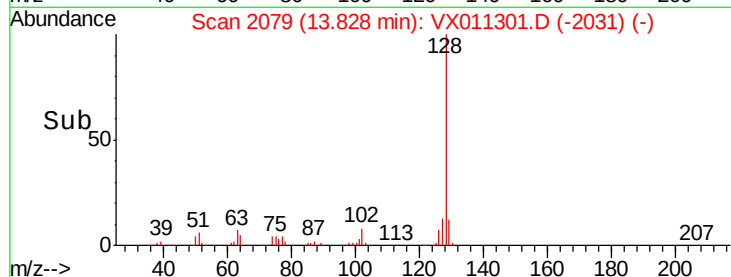
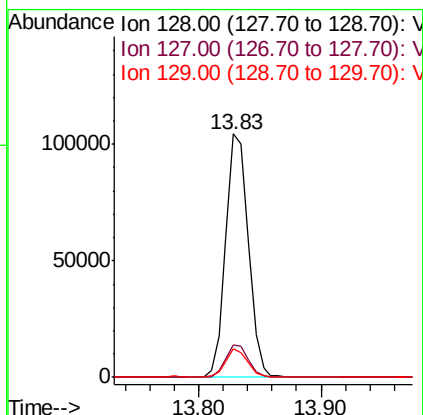
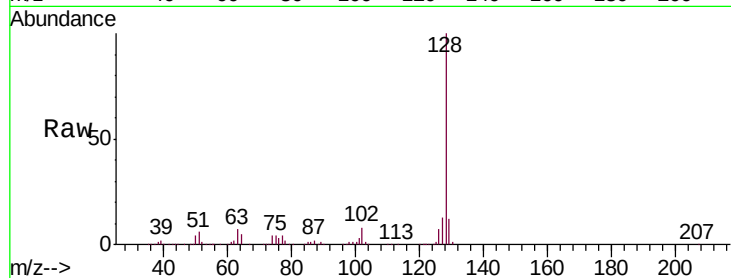




#95
Naphthalene
Concen: 19.495 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Instrument :
MSVOA_X
ClientSampleId :
VX0802MBS01

Tgt Ion:128 Resp: 134258
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.3 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.111 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011301.D
Acq: 02 Aug 2019 13:46

Tgt Ion:180 Resp: 45755
Ion Ratio Lower Upper
180 100
182 93.5 47.4 142.3
145 30.5 15.2 45.6

