

Data File : VX011294.D
Acq On : 02 Aug 2019 11:03
Operator : JC/SP
Sample : VX0802WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VX0802WBS01

Quant Time: Aug 03 05:39:02 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	5.65	168	154663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	226723	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	207853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105974	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	72785	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	
35) Dibromofluoromethane	5.49	113	69540	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
50) Toluene-d8	8.71	98	261405	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
62) 4-Bromofluorobenzene	11.13	95	90890	45.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	22187	18.574	ug/l	100
3) Chloromethane	1.32	50	25003	18.639	ug/l	98
4) Vinyl Chloride	1.40	62	27601	18.706	ug/l	95
5) Bromomethane	1.63	94	22121	21.021	ug/l	99
6) Chloroethane	1.71	64	18695	18.833	ug/l	100
7) Trichlorofluoromethane	1.92	101	49417	18.836	ug/l	96
8) Diethyl Ether	2.18	74	16478	17.589	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	26191	18.450	ug/l	98
10) Methyl Iodide	2.50	142	28510	15.930	ug/l	99
11) Tert butyl alcohol	3.04	59	31802	102.407	ug/l	98
12) 1,1-Dichloroethene	2.37	96	25955	18.445	ug/l	96
13) Acrolein	2.29	56	18206	94.060	ug/l	96
14) Allyl chloride	2.72	41	34875	18.590	ug/l	99
15) Acrylonitrile	3.14	53	72268	97.507	ug/l	100
16) Acetone	2.43	43	68209	92.005	ug/l	97
17) Carbon Disulfide	2.56	76	60147	18.214	ug/l	99
18) Methyl Acetate	2.76	43	32928	19.436	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	76503	18.448	ug/l	96
20) Methylene Chloride	2.85	84	29349	18.076	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	27577	18.526	ug/l	93
22) Diisopropyl ether	3.85	45	76173	18.475	ug/l	97
23) Vinyl Acetate	3.81	43	329265	96.285	ug/l	98
24) 1,1-Dichloroethane	3.69	63	45484	18.708	ug/l	98
25) 2-Butanone	4.67	43	99233	94.097	ug/l	100
26) 2,2-Dichloropropane	4.57	77	34128	18.058	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	31326	18.271	ug/l	99
28) Bromochloromethane	5.01	49	21504	19.402	ug/l #	99
29) Tetrahydrofuran	5.12	42	61652	95.346	ug/l	98
30) Chloroform	5.20	83	49120	18.589	ug/l	95
31) Cyclohexane	5.57	56	36919	18.406	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	41982	18.547	ug/l	99
36) 1,1-Dichloropropene	5.79	75	35128	17.746	ug/l	98
37) Ethyl Acetate	4.82	43	35548	17.903	ug/l	98
38) Carbon Tetrachloride	5.77	117	35981	18.067	ug/l	92

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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)
39) Methylcyclohexane	7.46	83	40839	17.405	ug/l	96
40) Benzene	6.14	78	110758	18.750	ug/l	98
41) Methacrylonitrile	5.04	41	18766	17.306	ug/l #	94
42) 1,2-Dichloroethane	6.19	62	36270	18.158	ug/l	99
43) Isopropyl Acetate	6.44	43	57183	18.013	ug/l	99
44) Trichloroethene	7.21	130	32921	18.413	ug/l	96
45) 1,2-Dichloropropane	7.51	63	27861	18.212	ug/l	95
46) Dibromomethane	7.66	93	19345	17.322	ug/l	97
47) Bromodichloromethane	7.90	83	34059	18.013	ug/l	98
48) Methyl methacrylate	7.77	41	28630	19.164	ug/l	97
49) 1,4-Dioxane	7.73	88	15765	363.993	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	194026	94.707	ug/l	100
52) Toluene	8.78	92	72389	18.535	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	34612	17.664	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	40360	18.273	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	29439	18.333	ug/l	98
56) Ethyl methacrylate	9.18	69	41137	17.977	ug/l	98
57) 1,3-Dichloropropane	9.37	76	46348	18.251	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	97971	87.074	ug/l	99
59) 2-Hexanone	9.49	43	150158	94.626	ug/l	100
60) Dibromochloromethane	9.58	129	29416	17.893	ug/l	98
61) 1,2-Dibromoethane	9.67	107	31571	18.198	ug/l	99
64) Tetrachloroethene	9.34	164	31652	17.931	ug/l	97
65) Chlorobenzene	10.13	112	80988	18.172	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	28108	18.422	ug/l	99
67) Ethyl Benzene	10.25	91	137119	18.371	ug/l	99
68) m/p-Xylenes	10.35	106	105820	36.654	ug/l	99
69) o-Xylene	10.69	106	51725	18.235	ug/l	98
70) Styrene	10.71	104	85786	18.278	ug/l	99
71) Bromoform	10.85	173	20655	17.118	ug/l #	99
73) Isopropylbenzene	11.02	105	138399	19.095	ug/l	99
74) N-amyl acetate	10.90	43	49959	19.076	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	46740	19.351	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	47324	24.521	ug/l	83
77) Bromobenzene	11.25	156	38092	18.953	ug/l	98
78) n-propylbenzene	11.36	91	153494	19.044	ug/l	100
79) 2-Chlorotoluene	11.42	91	90956	18.933	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	113287	18.672	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	10920	18.269	ug/l	89
82) 4-Chlorotoluene	11.51	91	103056	18.407	ug/l	99
83) tert-Butylbenzene	11.77	119	112214	18.858	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	115714	19.156	ug/l	99
85) sec-Butylbenzene	11.94	105	134113	18.759	ug/l	99
86) p-Isopropyltoluene	12.06	119	124325	18.902	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	66566	18.745	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	66725	18.222	ug/l	98
89) n-Butylbenzene	12.38	91	103074	18.190	ug/l	99
90) Hexachloroethane	12.59	117	17850	18.357	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	67233	18.843	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9064	19.369	ug/l	97

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

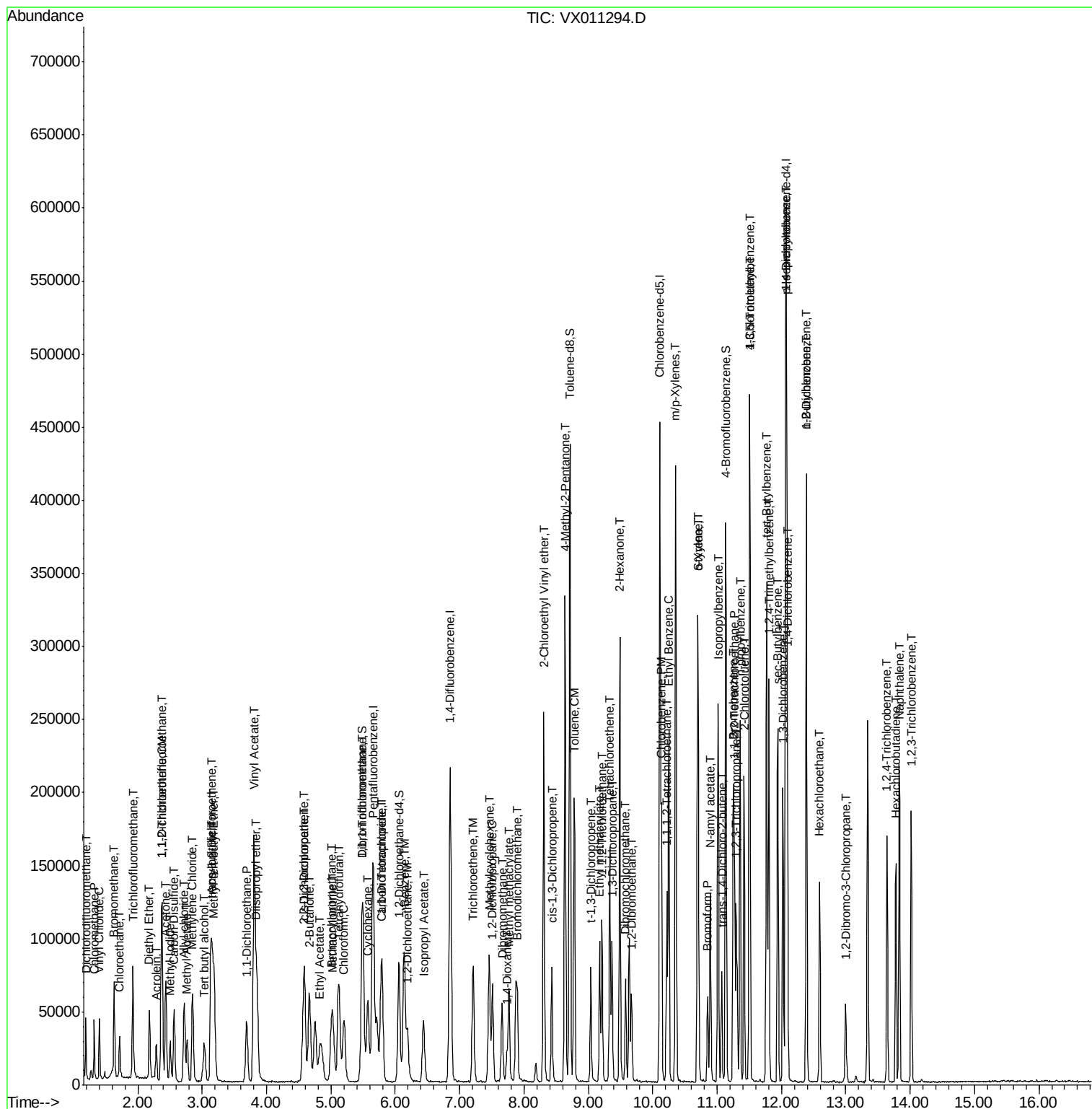
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	43704	18.469	ug/l	99
94) Hexachlorobutadiene	13.78	225	21373	17.803	ug/l	96
95) Naphthalene	13.83	128	134170	19.389	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	46278	19.237	ug/l	99

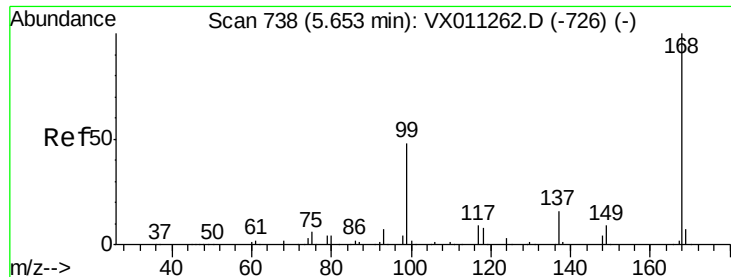
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampleId :

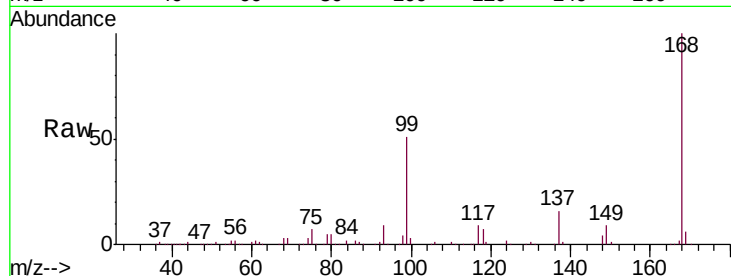
VX0802WBS01

Tgt Ion:168 Resp: 154663

Ion Ratio Lower Upper

168 100

99 50.5 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

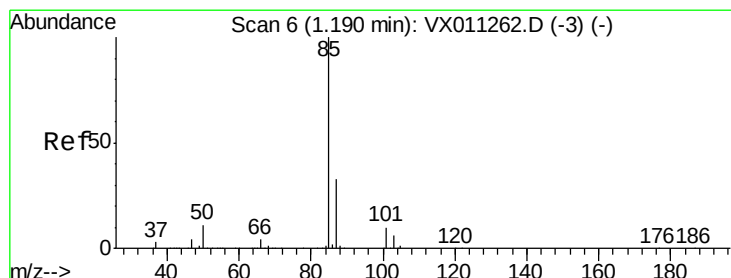
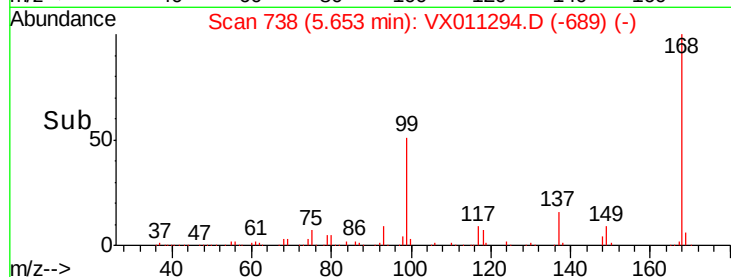
30000

20000

10000

0

Time--> 5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 18.574 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011294.D

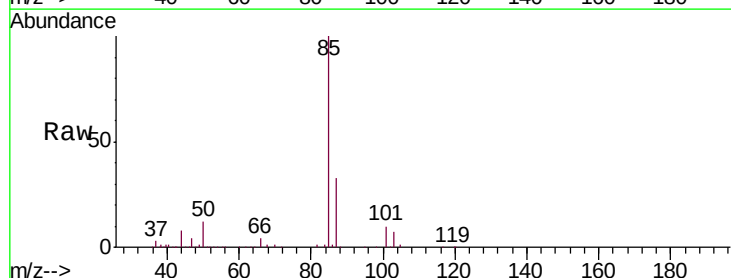
Acq: 02 Aug 2019 11:03

Tgt Ion: 85 Resp: 22187

Ion Ratio Lower Upper

85 100

87 32.5 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

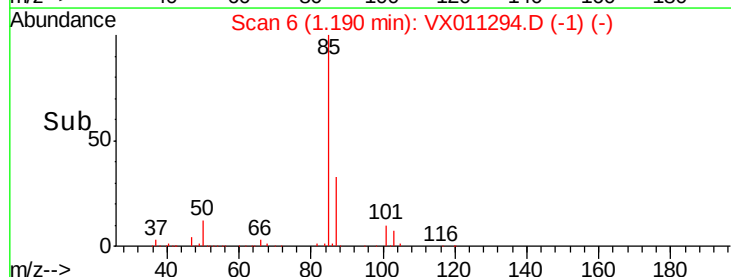
15000

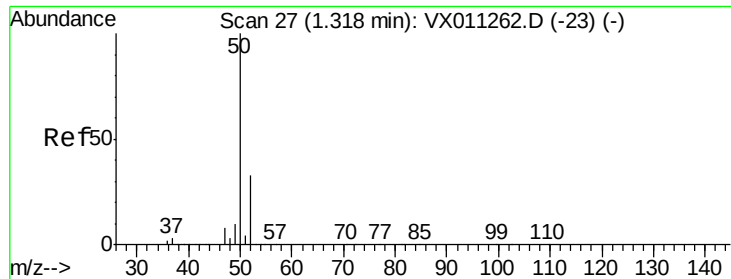
10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 18.639 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampleId :

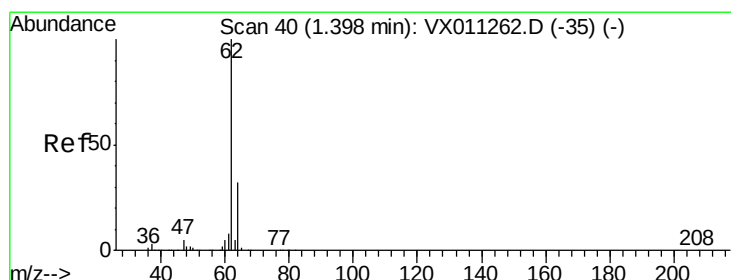
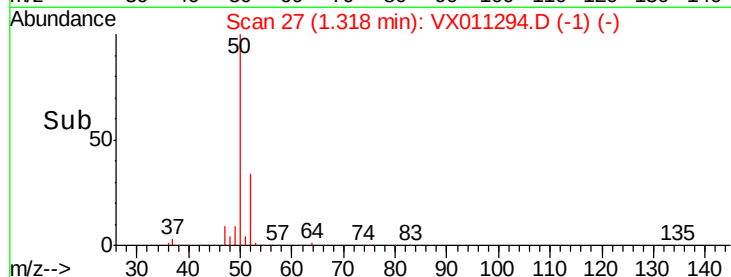
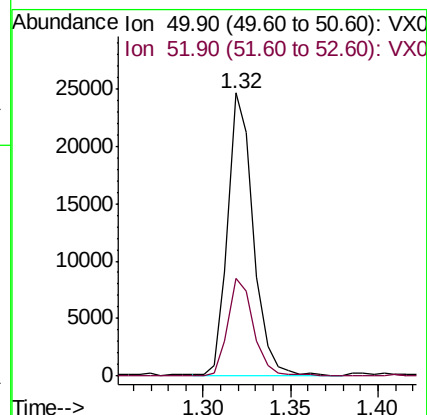
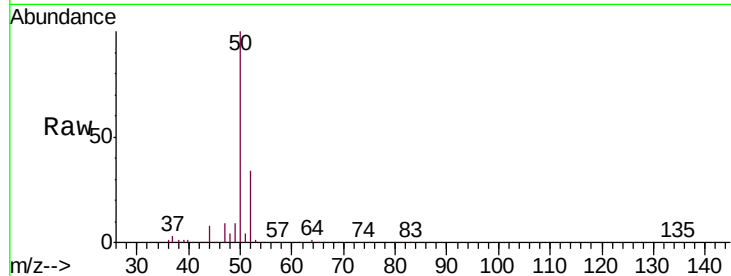
VX0802WBS01

Tgt Ion: 50 Resp: 25003

Ion Ratio Lower Upper

50 100

52 34.3 26.4 39.6



#4

Vinyl Chloride

Concen: 18.706 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011294.D

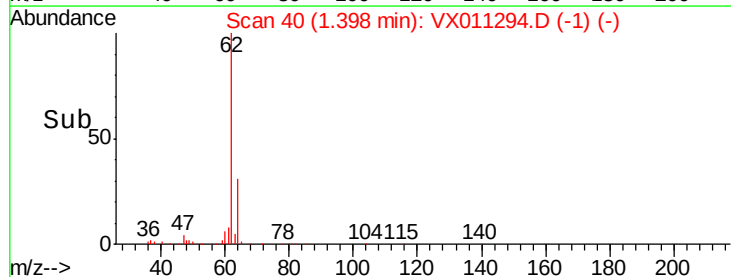
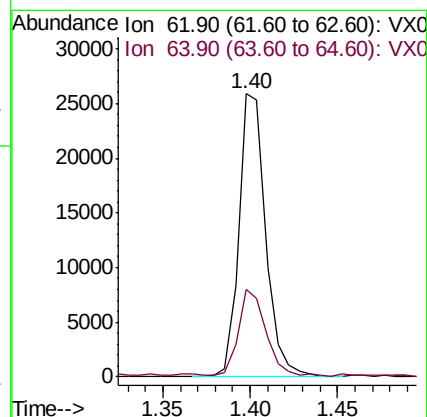
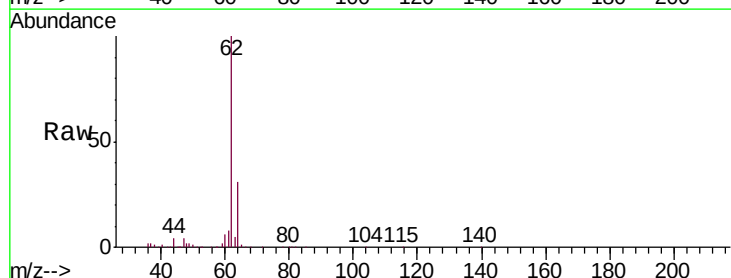
Acq: 02 Aug 2019 11:03

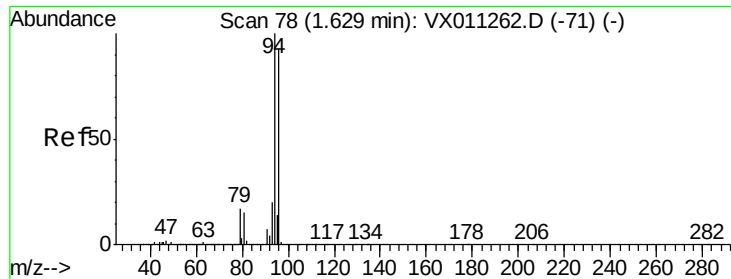
Tgt Ion: 62 Resp: 27601

Ion Ratio Lower Upper

62 100

64 29.9 26.0 39.0





#5

Bromomethane

Concen: 21.021 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampleId :

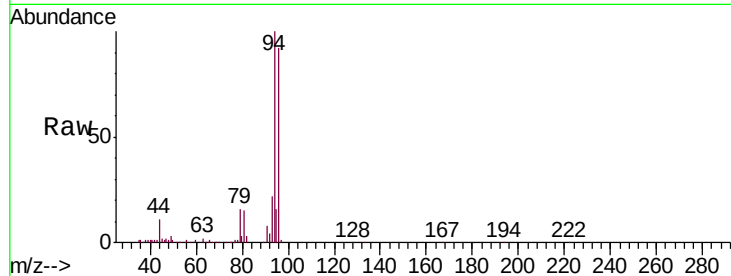
VX0802WBS01

Tgt Ion: 94 Resp: 22121

Ion Ratio Lower Upper

94 100

96 92.4 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

25000

20000

15000

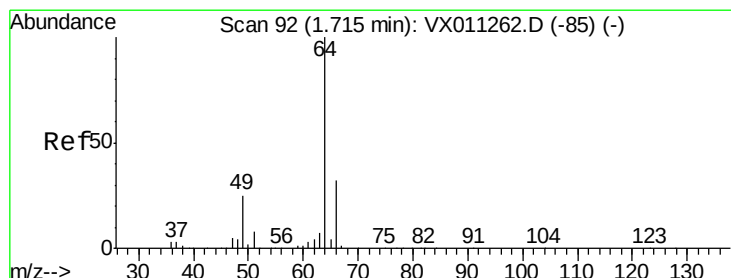
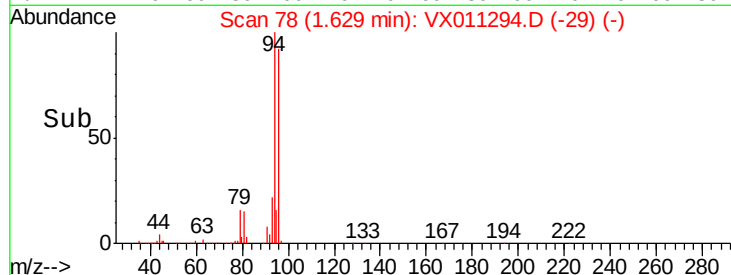
10000

5000

0

Time-->

1.55 1.60 1.65



#6

Chloroethane

Concen: 18.833 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011294.D

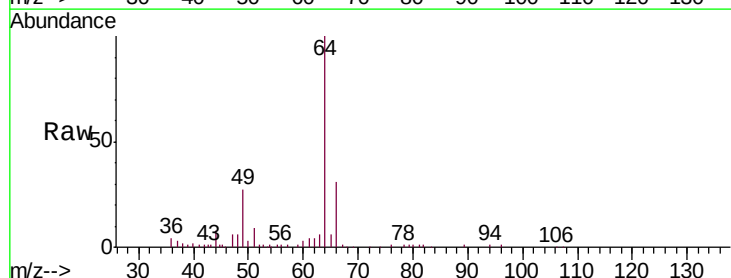
Acq: 02 Aug 2019 11:03

Tgt Ion: 64 Resp: 18695

Ion Ratio Lower Upper

64 100

66 31.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

15000

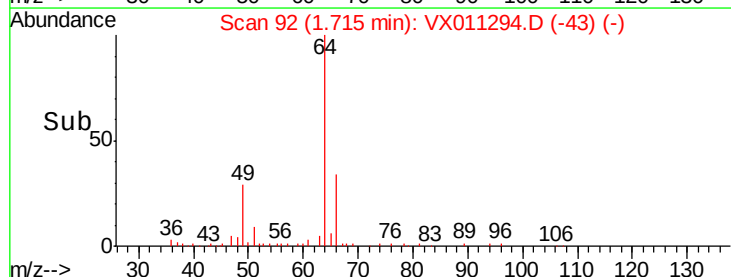
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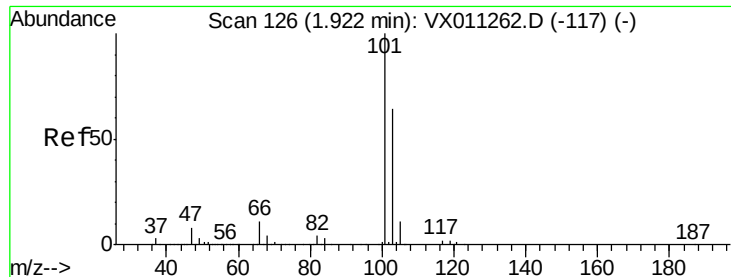
5000

0

Time-->

1.60 1.65 1.70 1.75 1.80



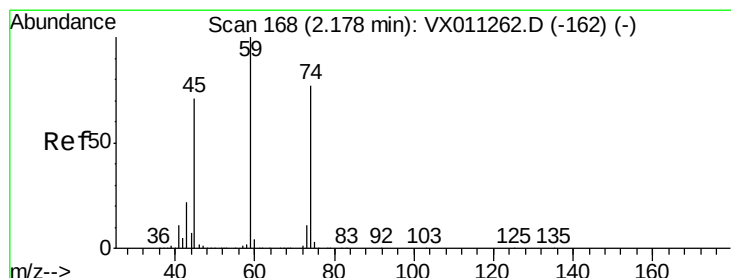
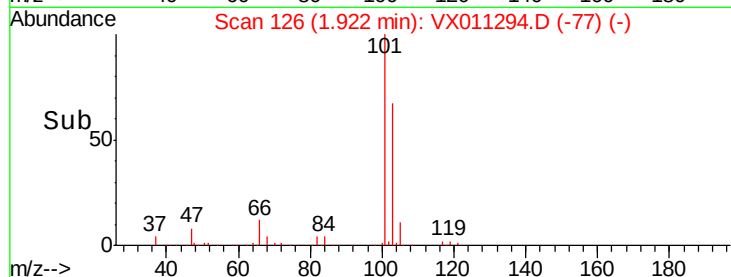
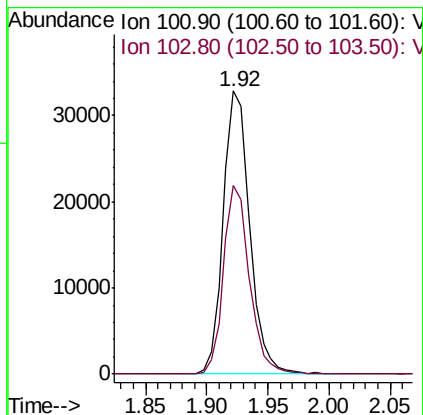
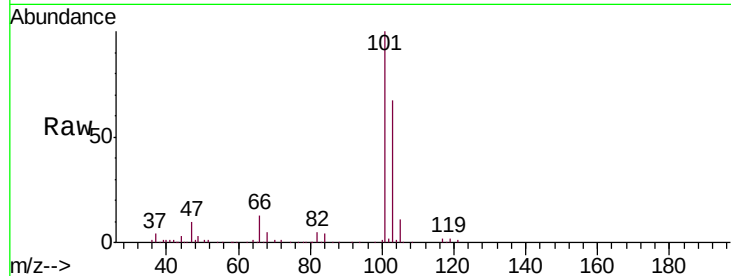


#7

Trichlorofluoromethane
 Concen: 18.836 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX011294.D
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 MSVOA_N
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 VX0802WBS01

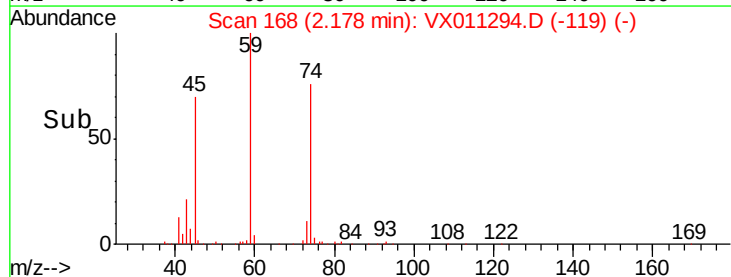
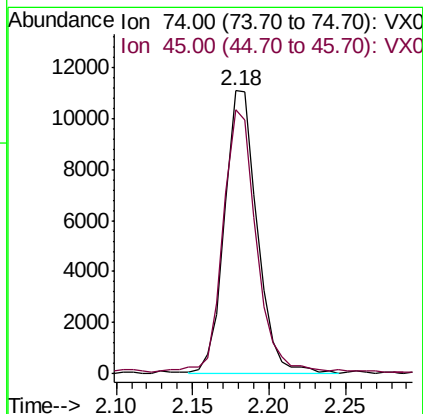
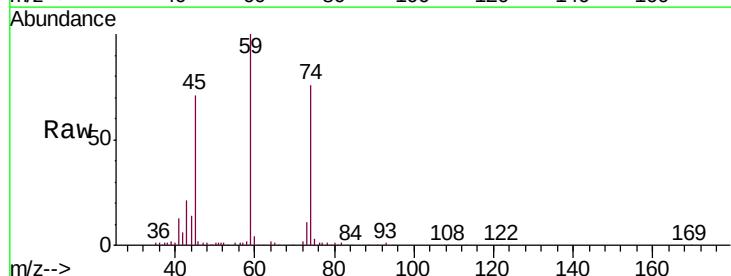
Tgt Ion: 101 Resp: 49417
 Ion Ratio Lower Upper
 101 100
 103 66.8 50.9 76.3

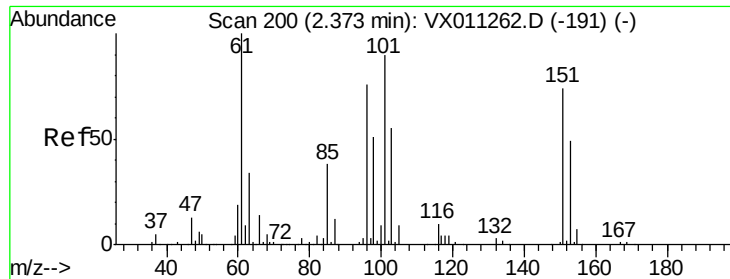


#8

Diethyl Ether
 Concen: 17.589 ug/l
 RT: 2.18 min Scan# 168
 Delta R.T. 0.00 min
 Lab File: VX011294.D
 Acq: 02 Aug 2019 11:03

Tgt Ion: 74 Resp: 16478
 Ion Ratio Lower Upper
 74 100
 45 92.7 46.1 138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.450 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampleId :

VX0802WBS01

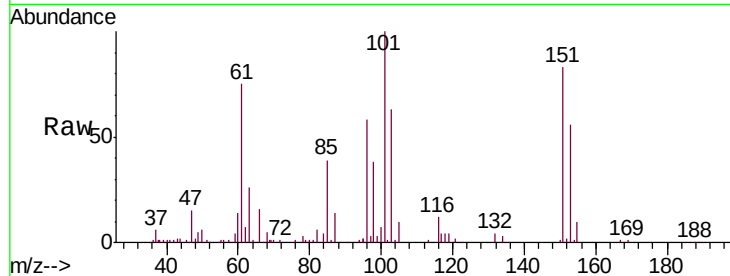
Tgt Ion:101 Resp: 26191

Ion Ratio Lower Upper

101 100

85 43.5 33.8 50.6

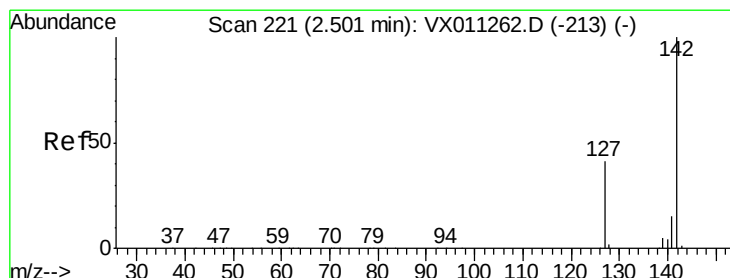
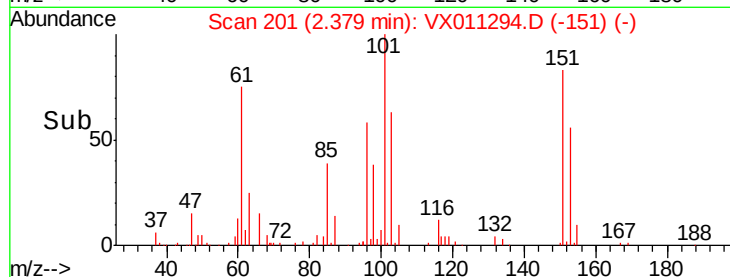
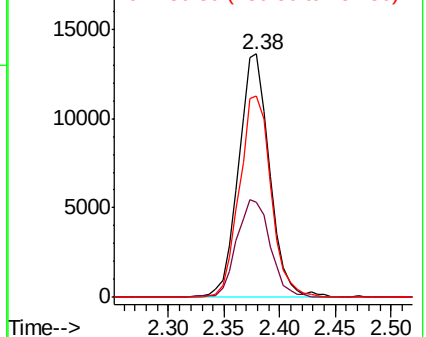
151 84.7 69.5 104.3



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: 15.930 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

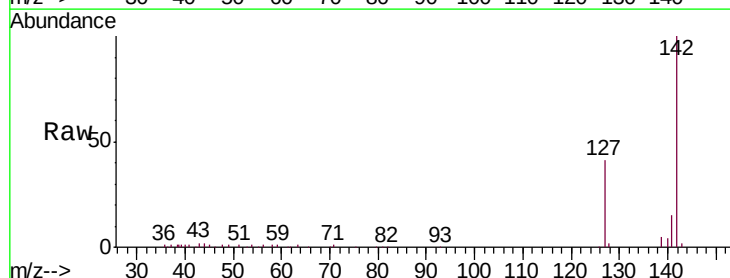
Tgt Ion:142 Resp: 28510

Ion Ratio Lower Upper

142 100

127 41.8 33.8 50.8

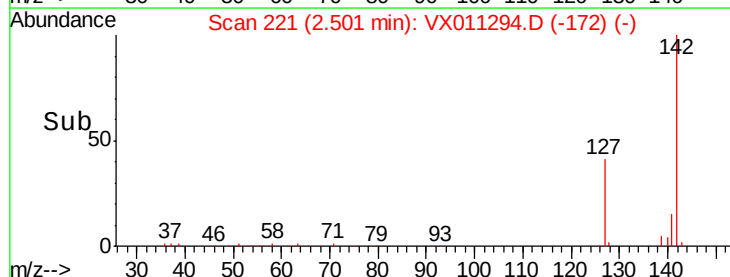
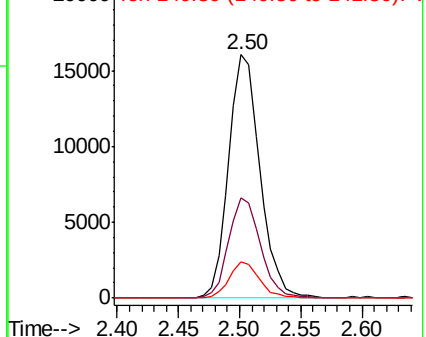
141 14.5 11.4 17.2

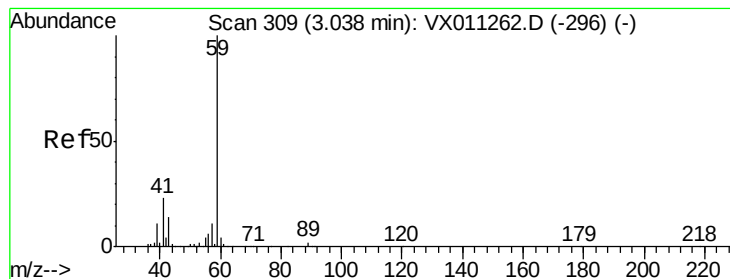


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 102.407 ug/l

RT: 3.04 min Scan# 309

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampled :

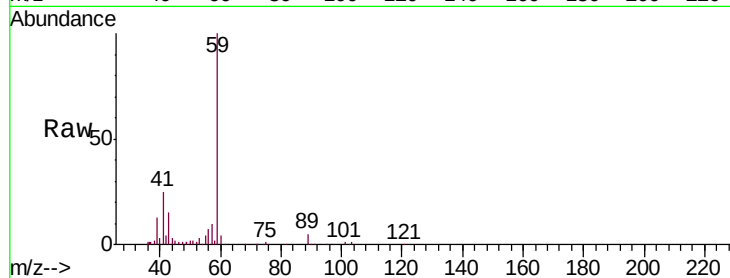
VX0802WBS01

Tgt Ion: 59 Resp: 31802

Ion Ratio Lower Upper

59 100

57 9.8 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

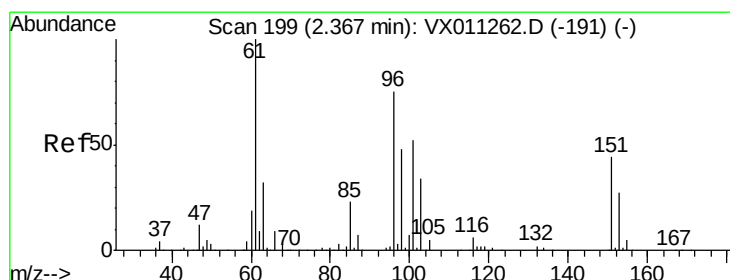
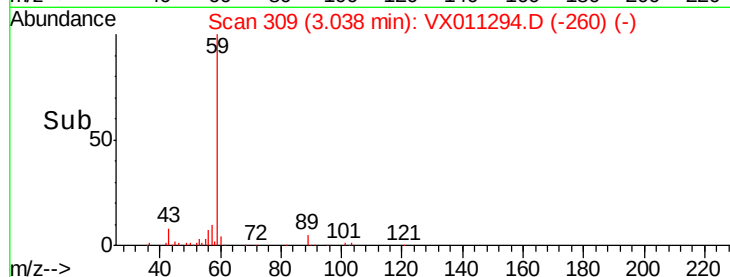
Time-->

2.90

3.00

3.10

3.20



#12

1,1-Dichloroethene

Concen: 18.445 ug/l

RT: 2.37 min Scan# 199

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

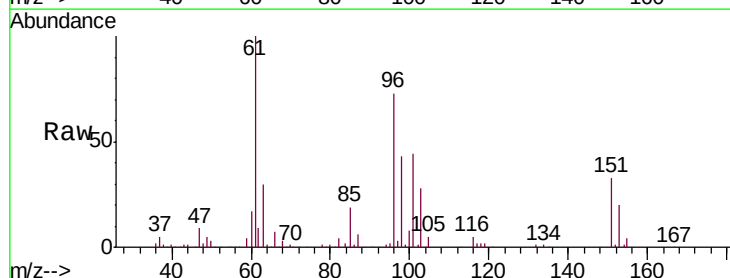
Tgt Ion: 96 Resp: 25955

Ion Ratio Lower Upper

96 100

61 137.1 106.2 159.2

98 59.7 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

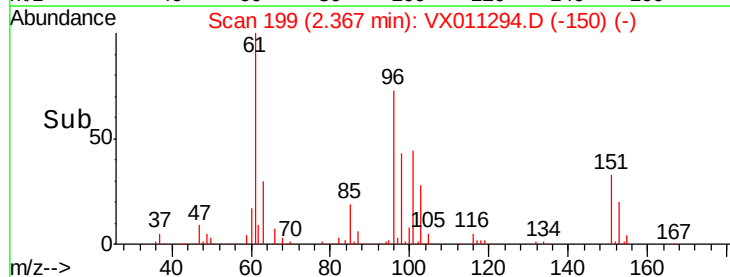
Time-->

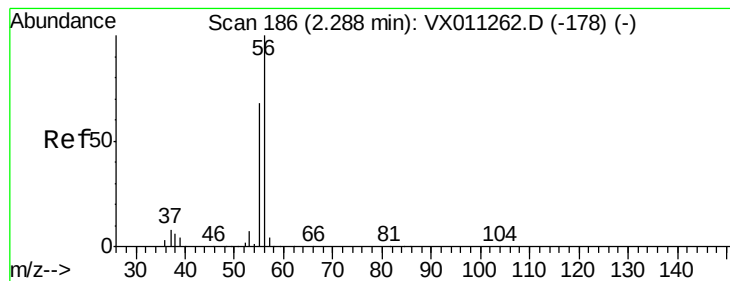
2.30

2.35

2.40

2.45





#13

Acrolein

Concen: 94.060 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampleId :

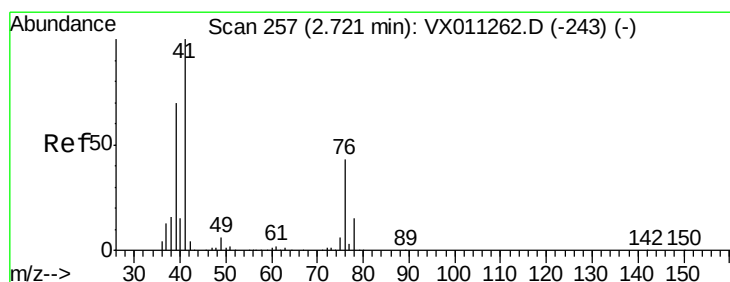
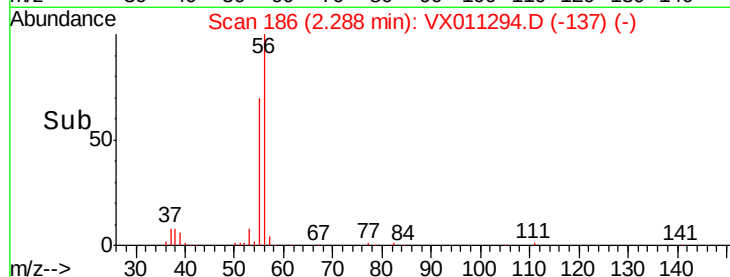
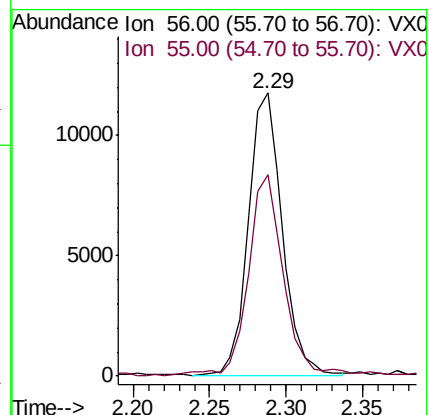
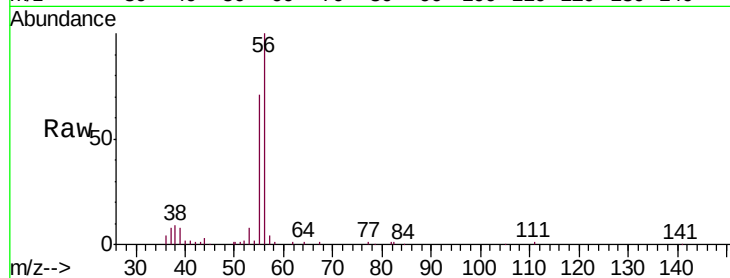
VX0802WBS01

Tgt Ion: 56 Resp: 18206

Ion Ratio Lower Upper

56 100

55 73.6 56.0 84.0



#14

Allyl chloride

Concen: 18.590 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

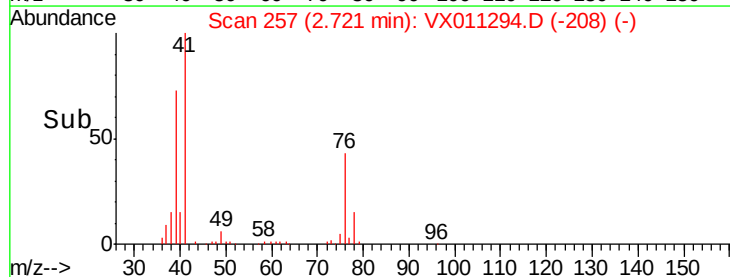
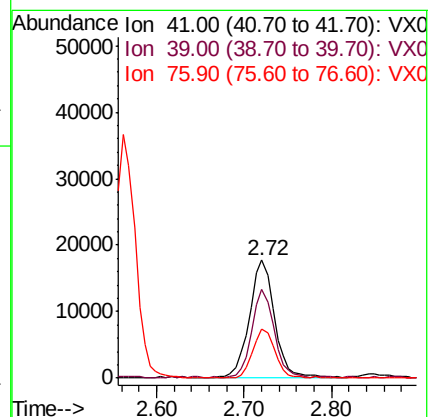
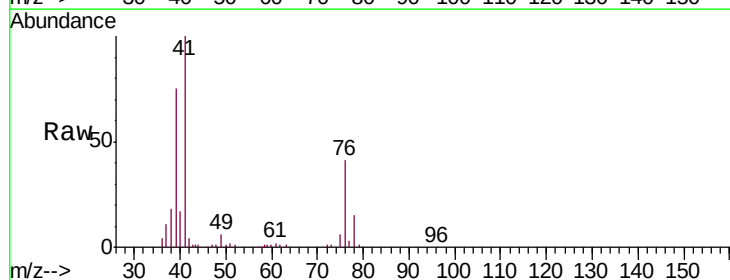
Tgt Ion: 41 Resp: 34875

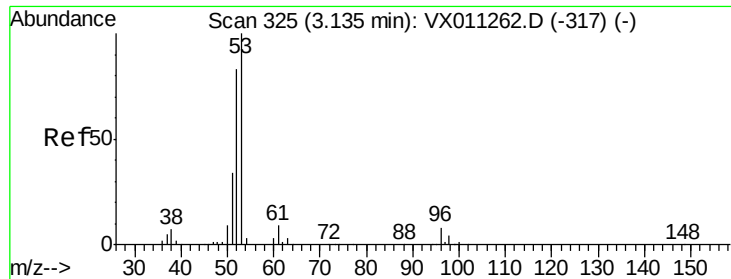
Ion Ratio Lower Upper

41 100

39 65.8 52.8 79.2

76 37.9 31.1 46.7





#15

Acrylonitrile

Concen: 97.507 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampleId :

VX0802WBS01

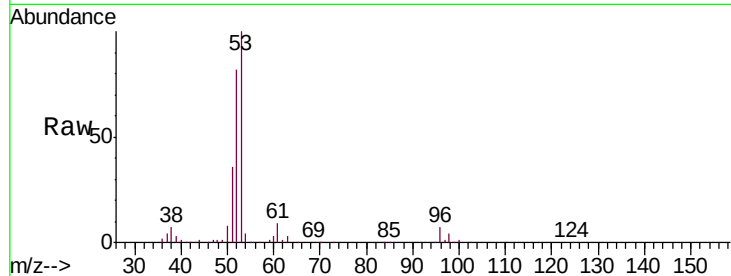
Tgt Ion: 53 Resp: 72268

Ion Ratio Lower Upper

53 100

52 82.3 65.5 98.3

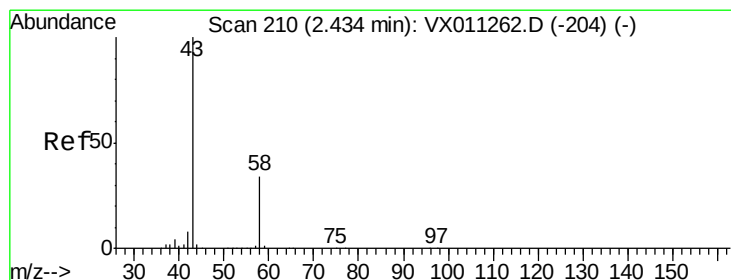
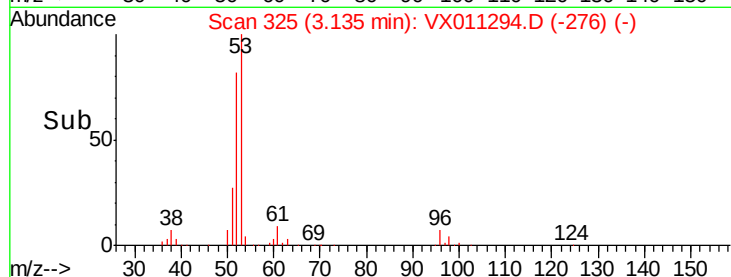
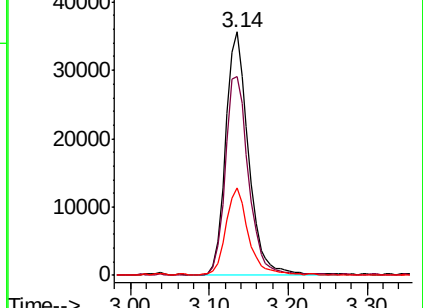
51 34.8 27.9 41.9



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: 92.005 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011294.D

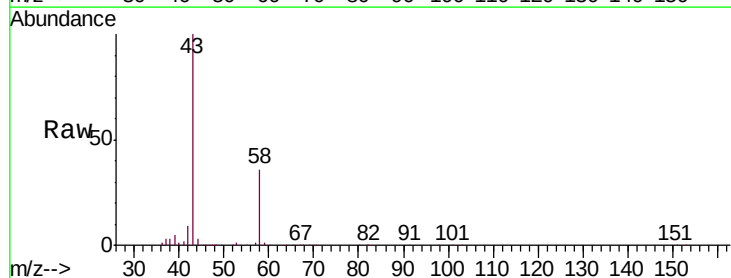
Acq: 02 Aug 2019 11:03

Tgt Ion: 43 Resp: 68209

Ion Ratio Lower Upper

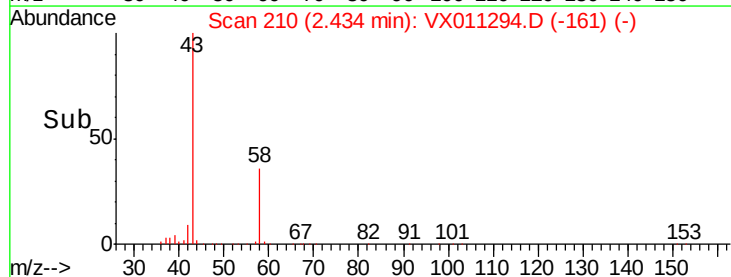
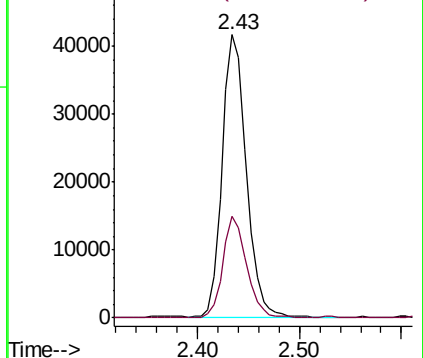
43 100

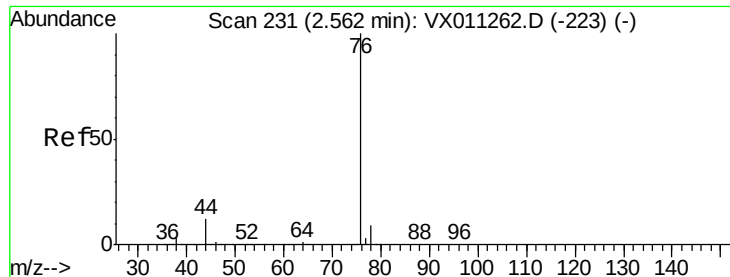
58 35.7 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.214 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampleId :

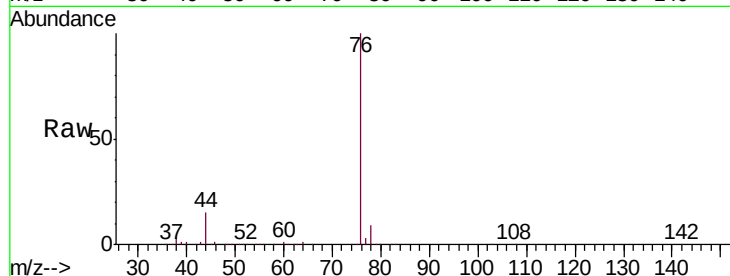
VX0802WBS01

Tgt Ion: 76 Resp: 60147

Ion Ratio Lower Upper

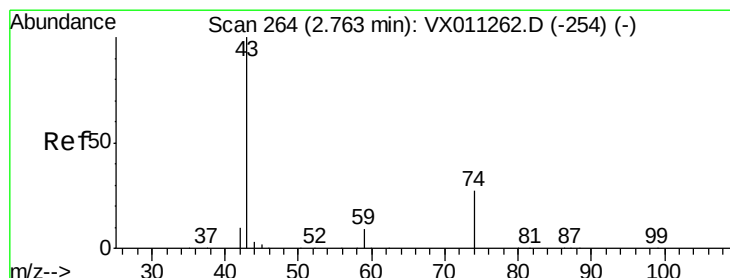
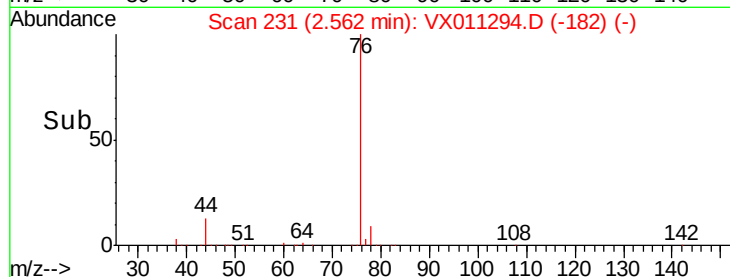
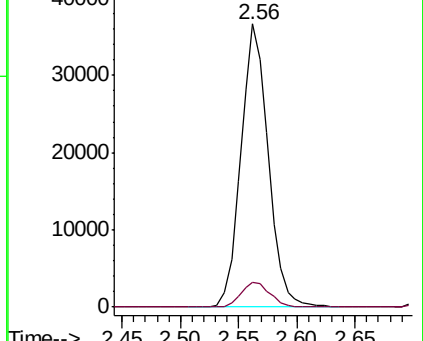
76 100

78 8.8 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.436 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011294.D

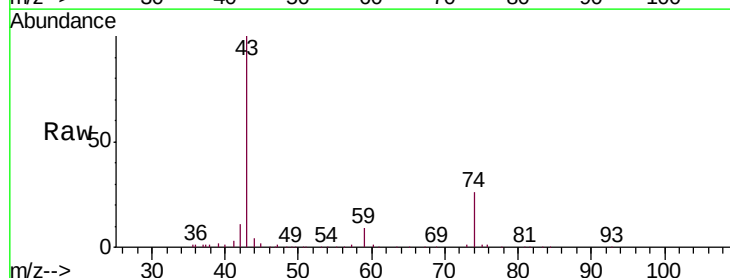
Acq: 02 Aug 2019 11:03

Tgt Ion: 43 Resp: 32928

Ion Ratio Lower Upper

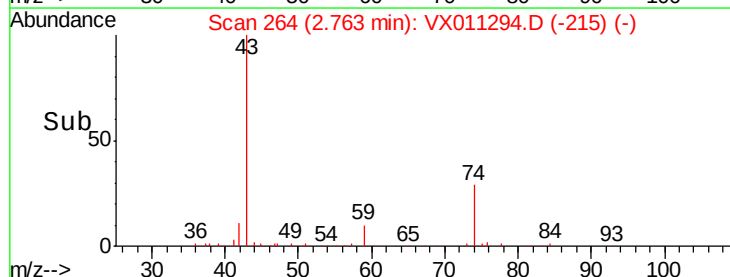
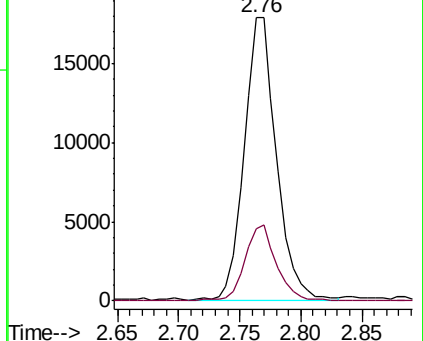
43 100

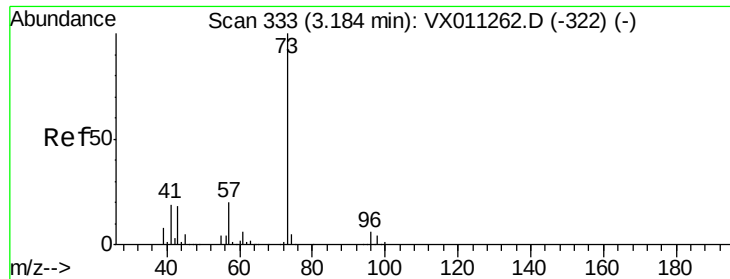
74 26.0 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

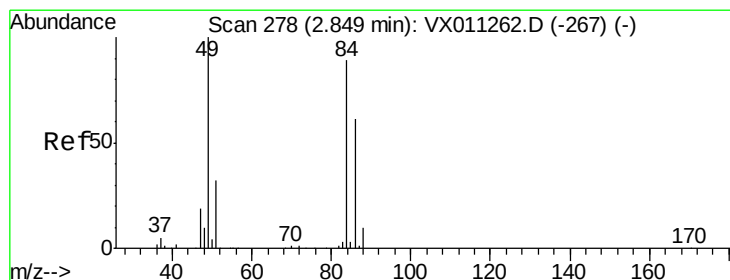
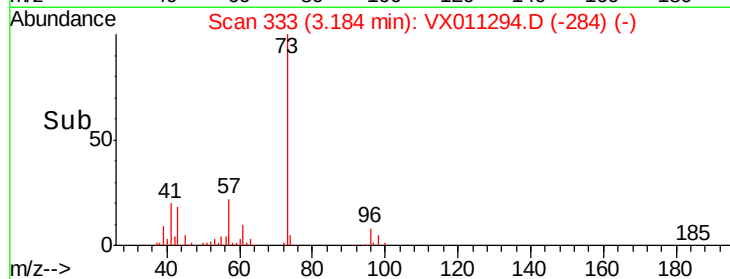
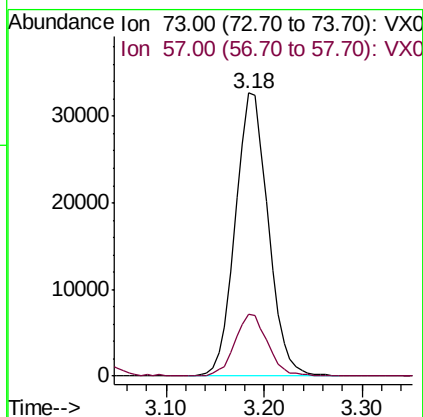
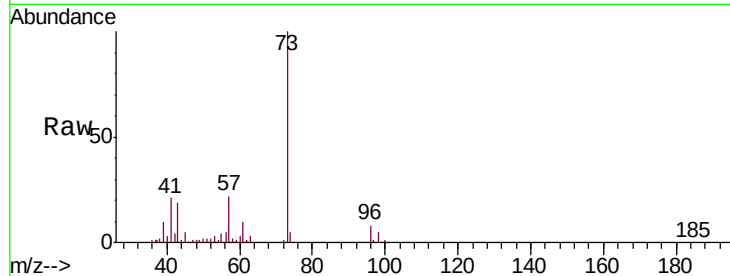




#19
Methyl tert-butyl Ether
Concen: 18.448 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011294.D
Acq: 02 Aug 2019 11:03

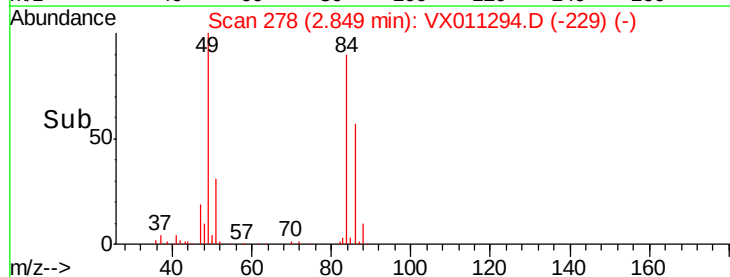
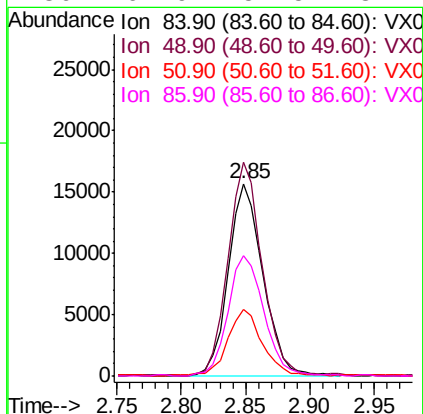
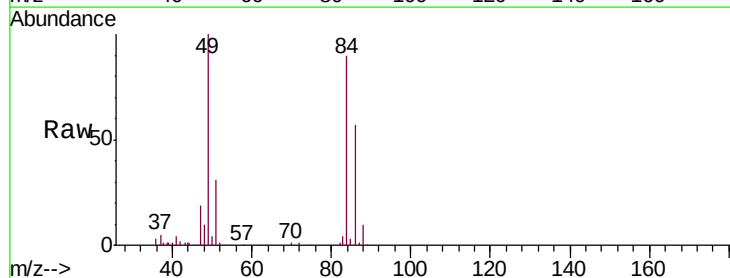
Instrument :
MSVOA_N
ClientSampleId :
VX0802WBS01

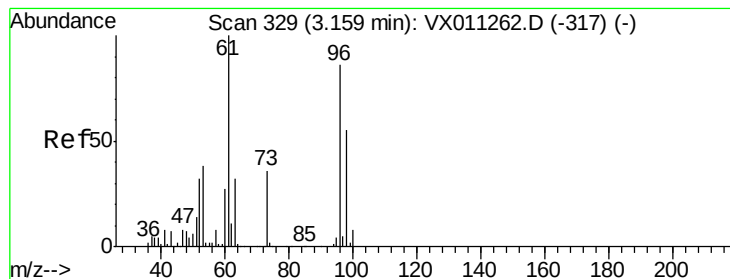
Tgt Ion: 73 Resp: 76503
Ion Ratio Lower Upper
73 100
57 22.1 16.2 24.2



#20
Methylene Chloride
Concen: 18.076 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011294.D
Acq: 02 Aug 2019 11:03

Tgt Ion: 84 Resp: 29349
Ion Ratio Lower Upper
84 100
49 110.7 89.3 133.9
51 34.5 28.3 42.5
86 62.9 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 18.526 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampled :

VX0802WBS01

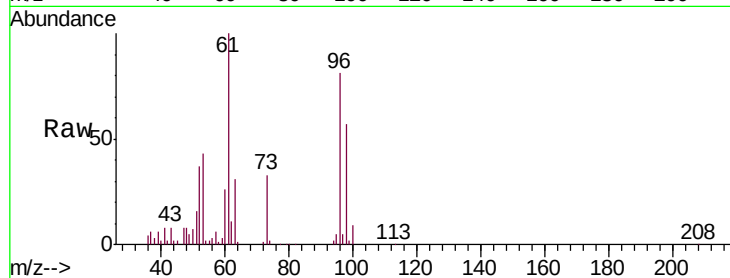
Tgt Ion: 96 Resp: 27577

Ion Ratio Lower Upper

96 100

61 122.9 92.8 139.2

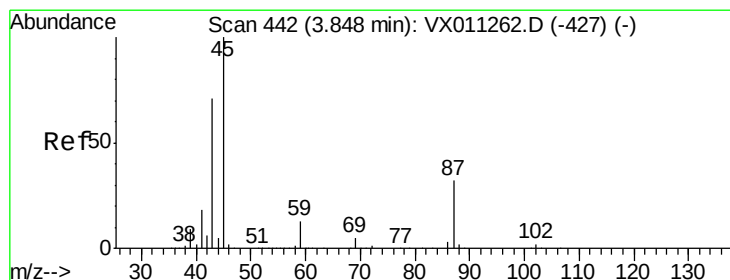
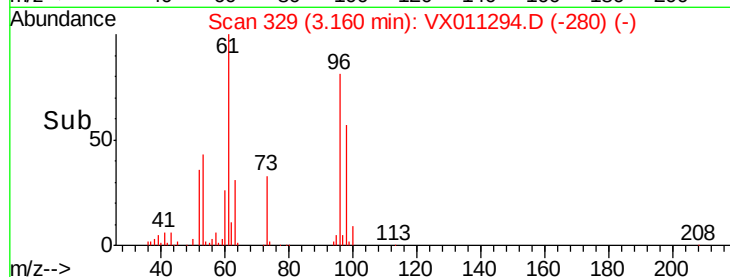
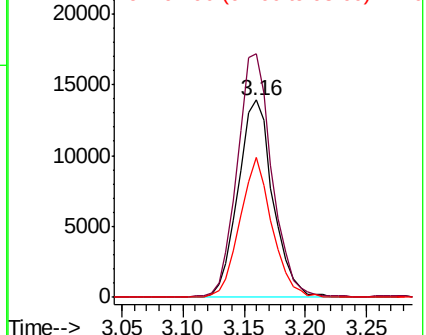
98 70.7 51.2 76.8



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: 18.475 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Tgt Ion: 45 Resp: 76173

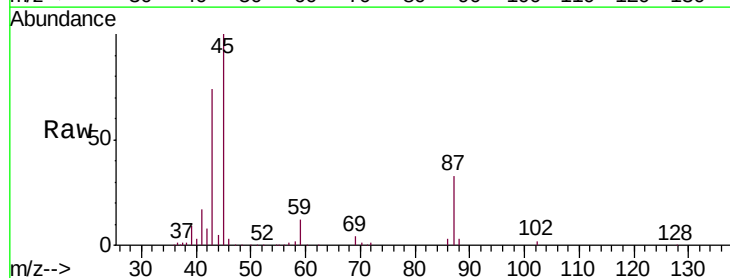
Ion Ratio Lower Upper

45 100

43 73.7 56.8 85.2

87 33.1 25.8 38.6

59 12.0 10.3 15.5

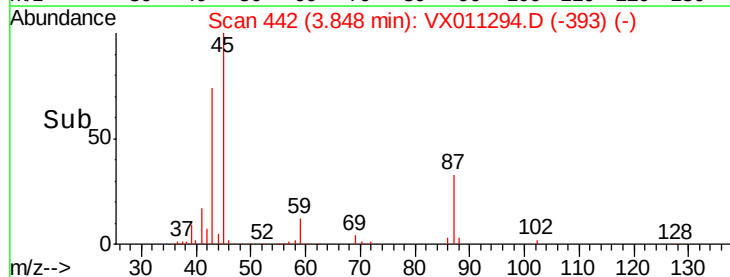
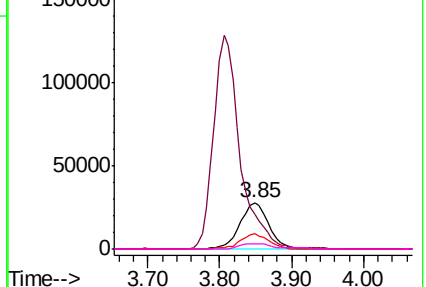


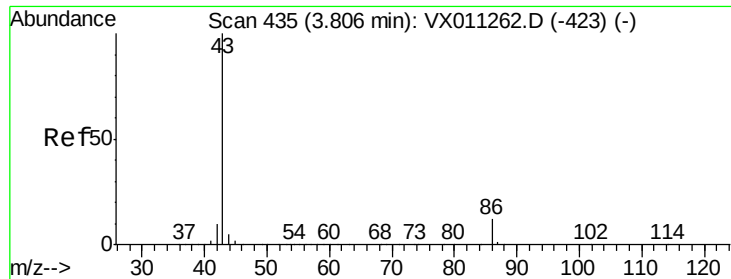
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 96.285 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampled :

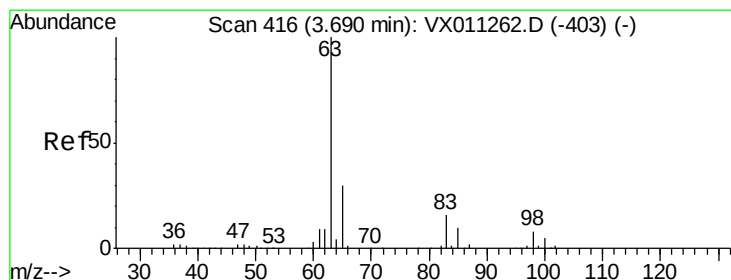
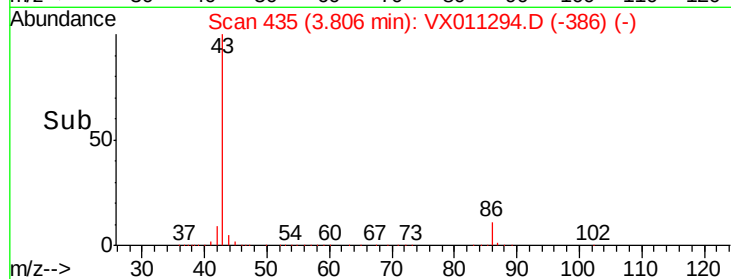
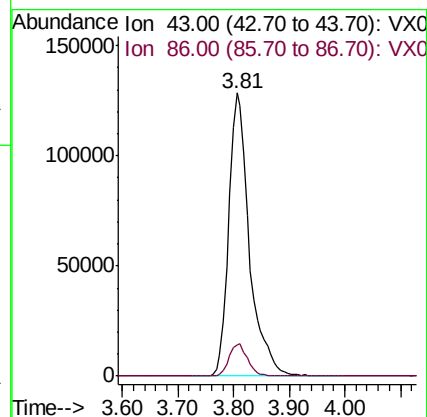
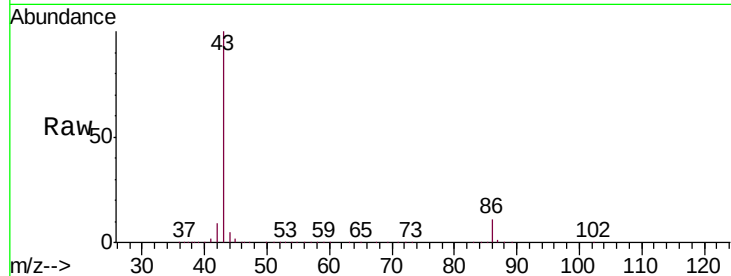
VX0802WBS01

Tgt Ion: 43 Resp: 329265

Ion Ratio Lower Upper

43 100

86 11.0 9.6 14.4



#24

1,1-Dichloroethane

Concen: 18.708 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

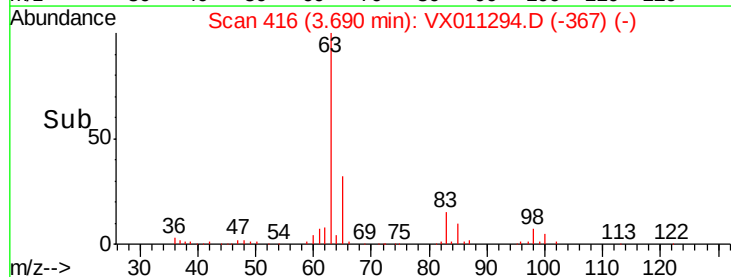
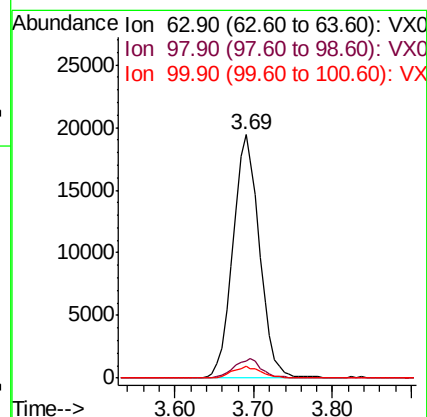
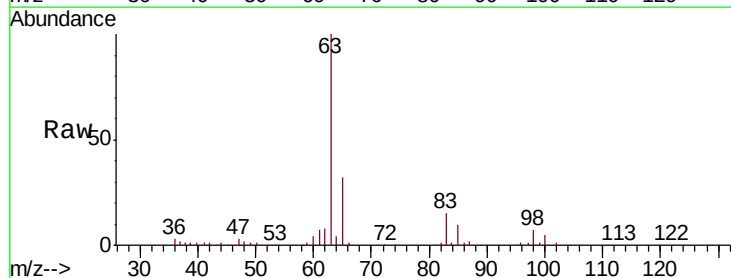
Tgt Ion: 63 Resp: 45484

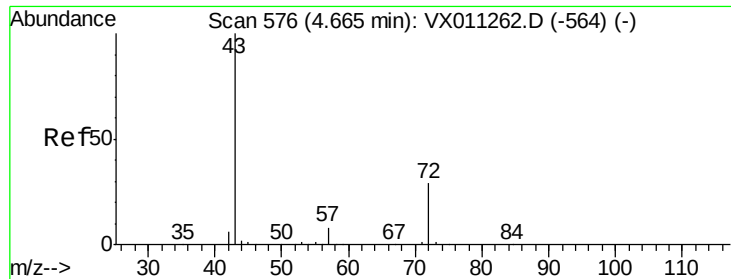
Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.5

100 5.1 2.7 8.1





#25

2-Butanone

Concen: 94.097 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampleId :

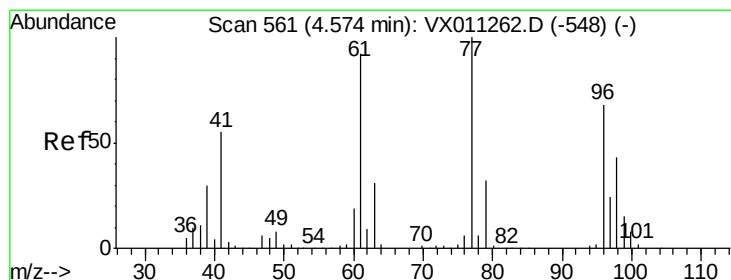
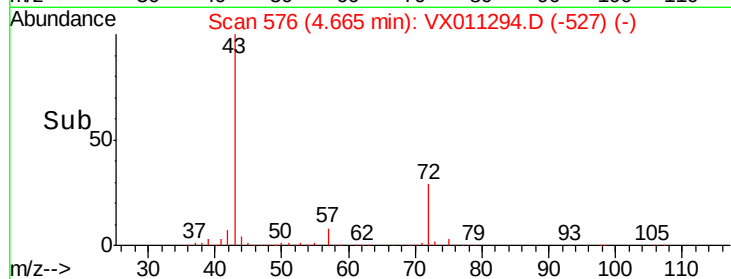
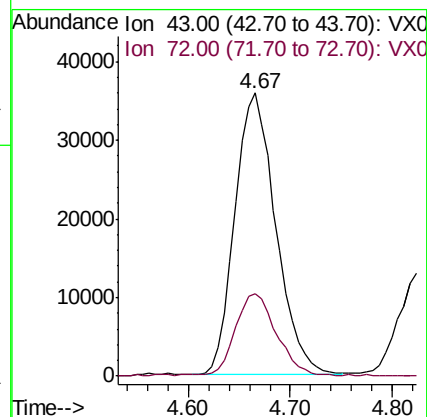
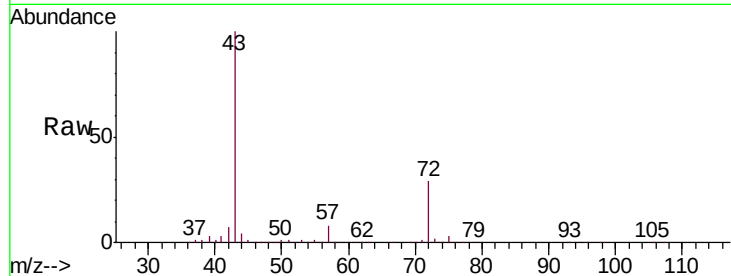
VX0802WBS01

Tgt Ion: 43 Resp: 99233

Ion Ratio Lower Upper

43 100

72 29.2 23.2 34.8



#26

2,2-Dichloropropane

Concen: 18.058 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011294.D

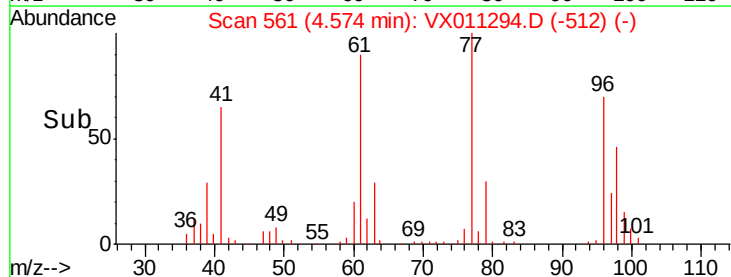
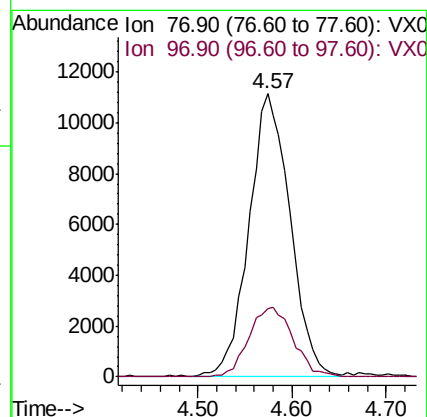
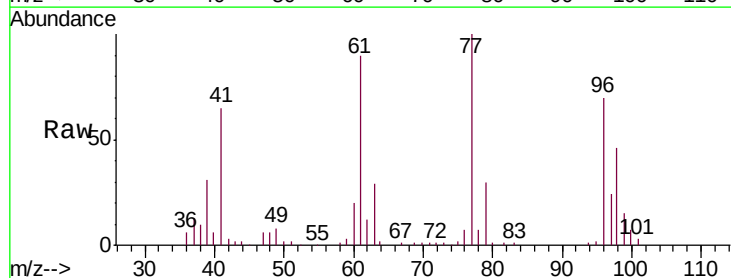
Acq: 02 Aug 2019 11:03

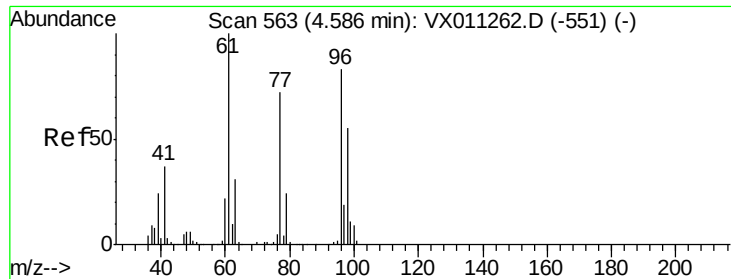
Tgt Ion: 77 Resp: 34128

Ion Ratio Lower Upper

77 100

97 26.3 12.8 38.4



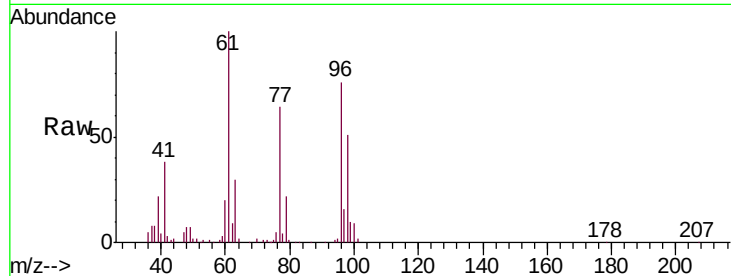


#27

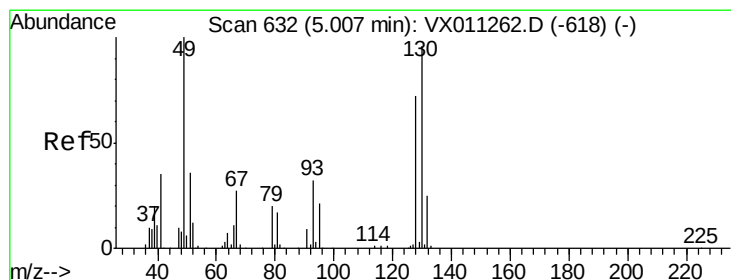
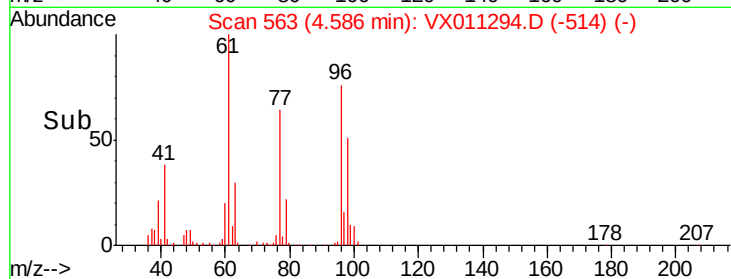
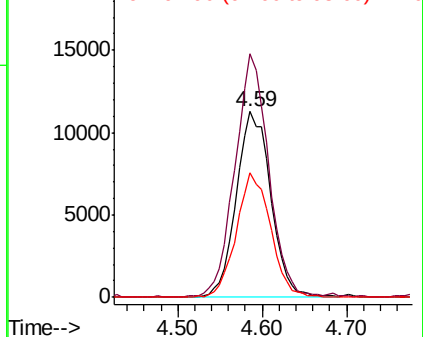
cis-1,2-Dichloroethene
Concen: 18.271 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011294.D
Acq: 02 Aug 2019 11:03

Instrument :
MSVOA_N
ClientSampleId :
VX0802WBS01

Tgt Ion: 96 Resp: 31326
Ion Ratio Lower Upper
96 100
61 128.1 0.0 260.2
98 66.4 0.0 133.2



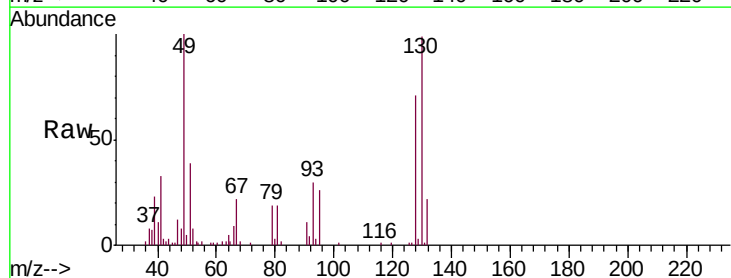
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



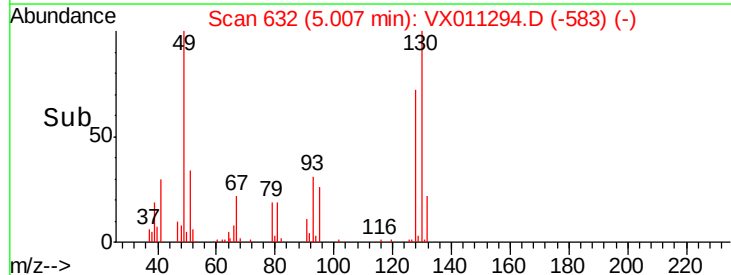
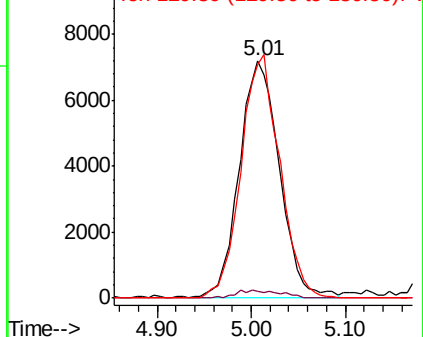
#28

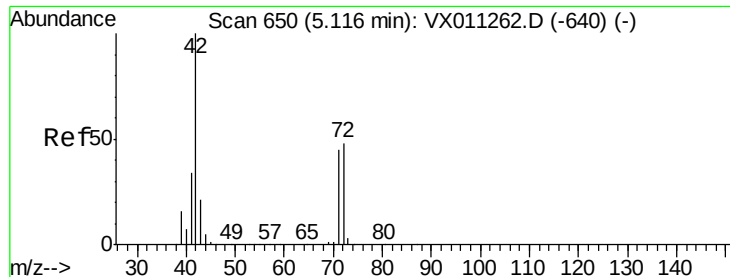
Bromochloromethane
Concen: 19.402 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.00 min
Lab File: VX011294.D
Acq: 02 Aug 2019 11:03

Tgt Ion: 49 Resp: 21504
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.8
130 98.5 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: 95.346 ug/l

RT: 5.12 min Scan# 650

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampled :

VX0802WBS01

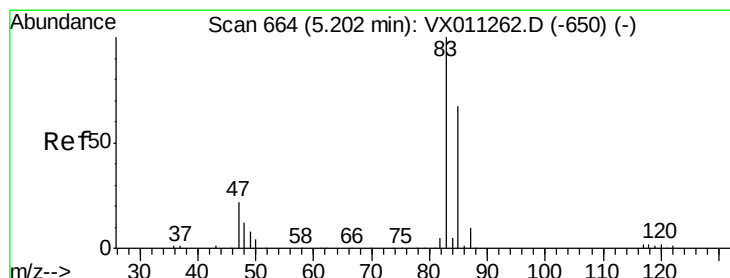
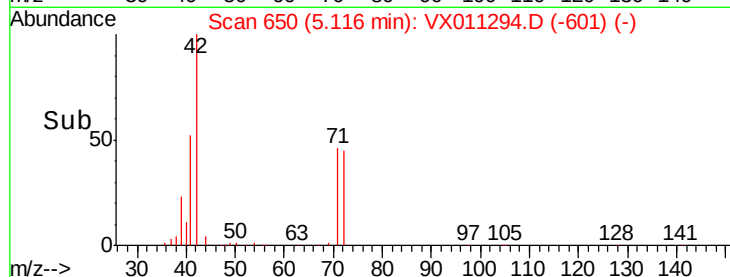
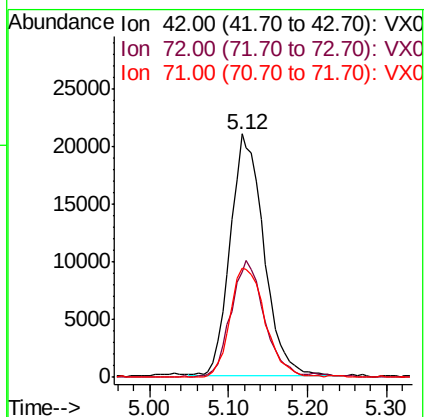
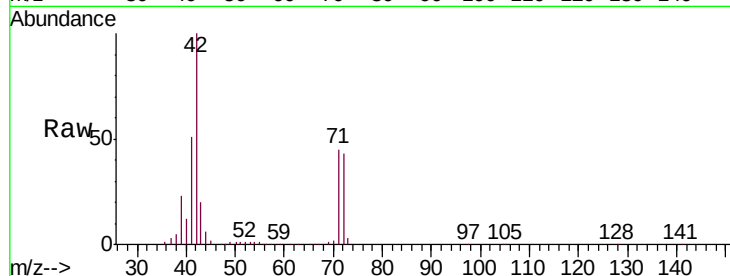
Tgt Ion: 42 Resp: 61652

Ion Ratio Lower Upper

42 100

72 48.5 39.9 59.9

71 47.7 36.9 55.3



#30

Chloroform

Concen: 18.589 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.00 min

Lab File: VX011294.D

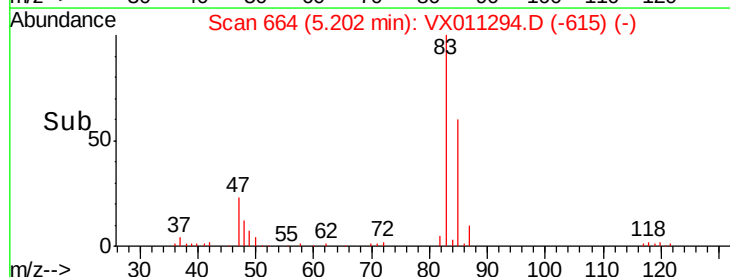
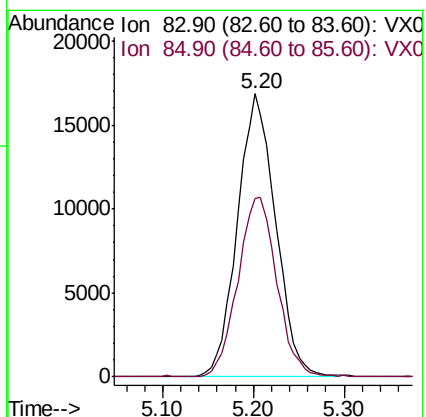
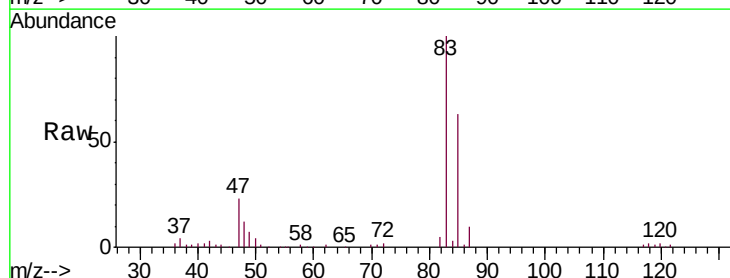
Acq: 02 Aug 2019 11:03

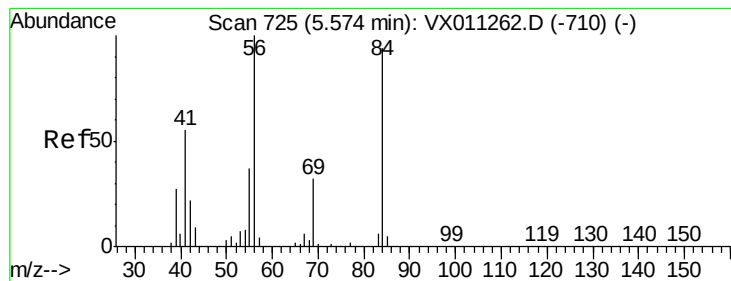
Tgt Ion: 83 Resp: 49120

Ion Ratio Lower Upper

83 100

85 62.9 53.4 80.0





#31

Cyclohexane

Concen: 18.406 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampleId :

VX0802WBS01

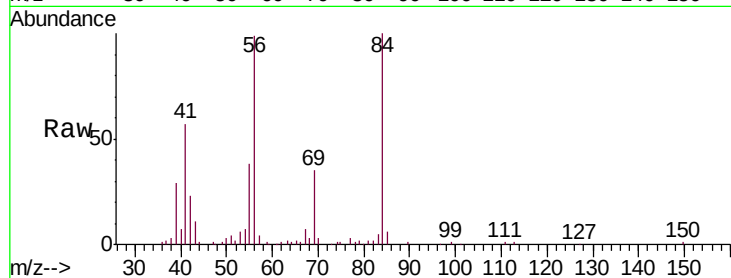
Tgt Ion: 56 Resp: 36919

Ion Ratio Lower Upper

56 100

69 34.8 25.5 38.3

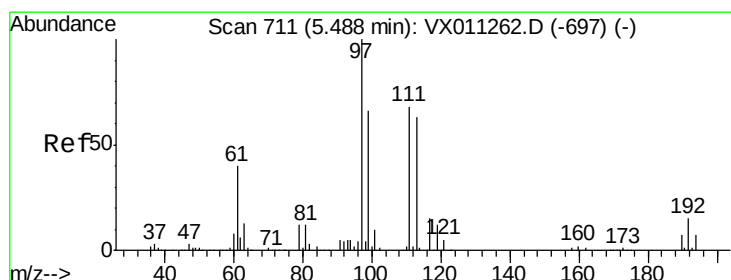
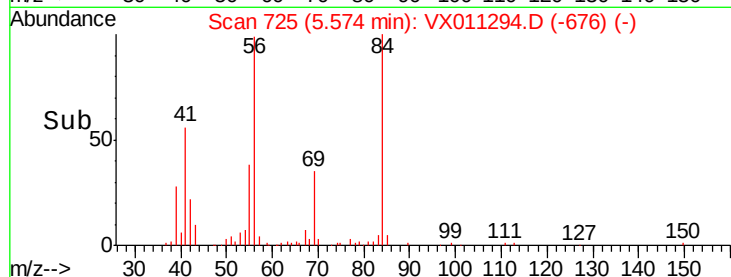
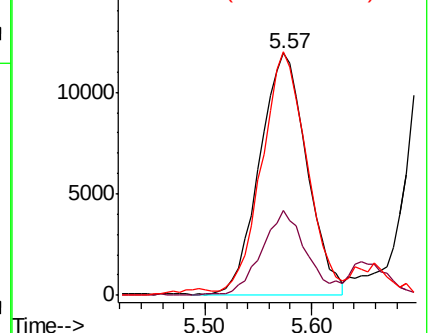
84 98.2 75.0 112.4



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: 18.547 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

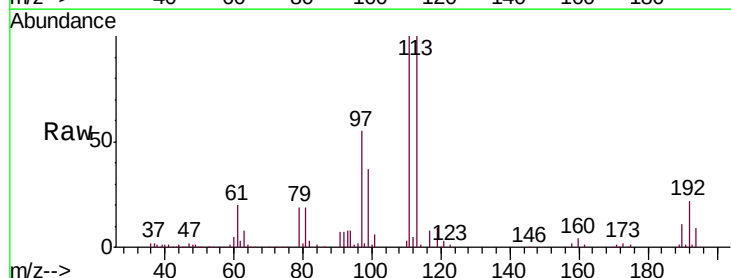
Tgt Ion: 97 Resp: 41982

Ion Ratio Lower Upper

97 100

99 63.5 51.6 77.4

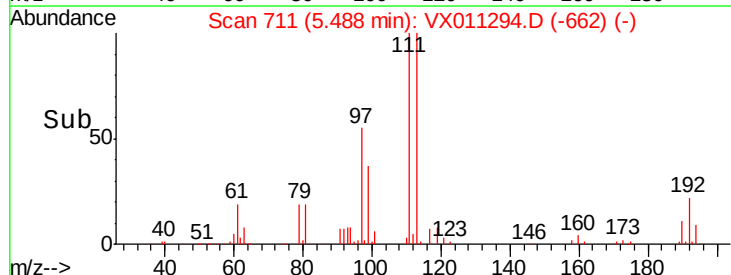
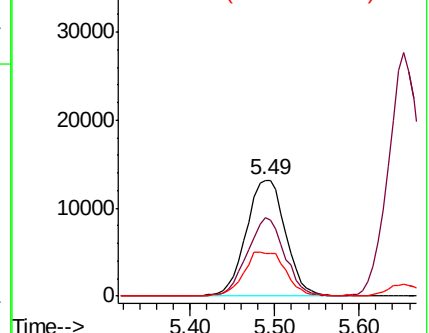
61 40.0 32.3 48.5

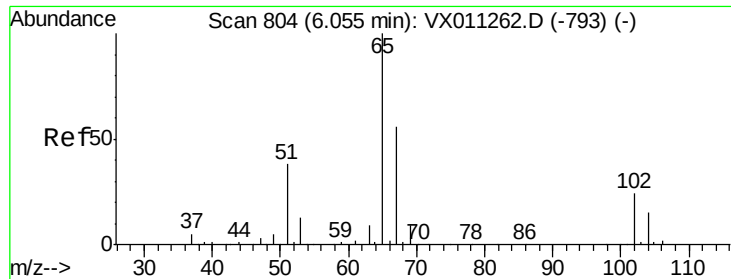


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

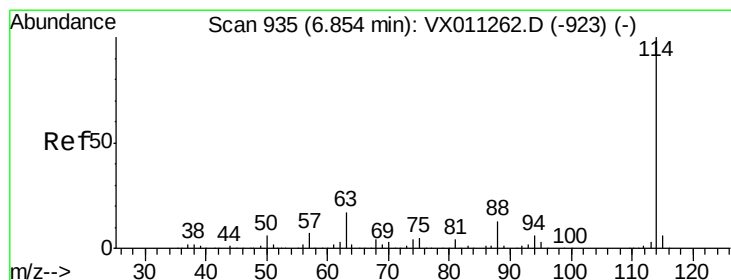
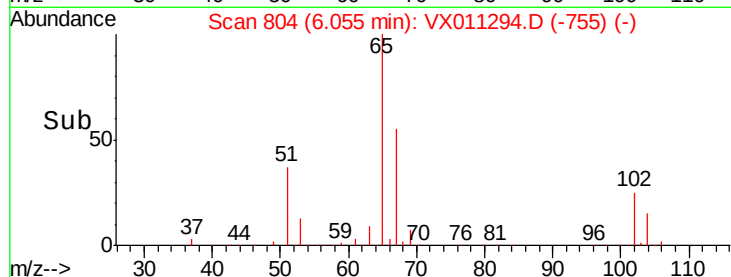
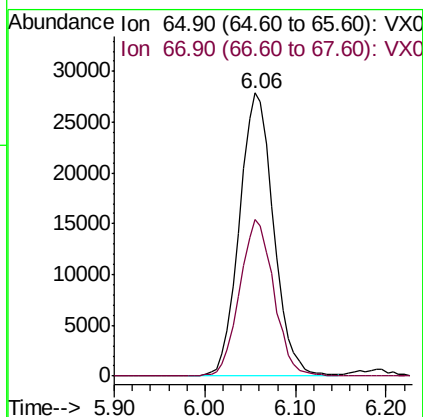
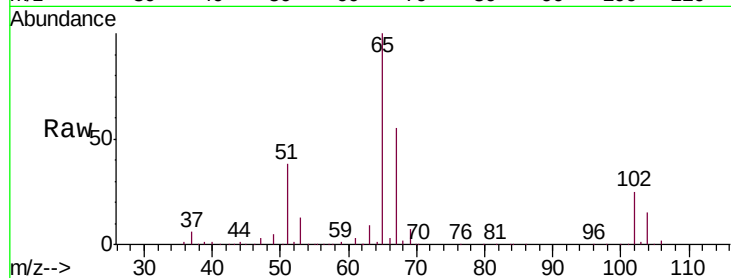




#33
 1,2-Dichloroethane-d4
 Concen: 46.731 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011294.D
 Acq: 02 Aug 2019 11:03

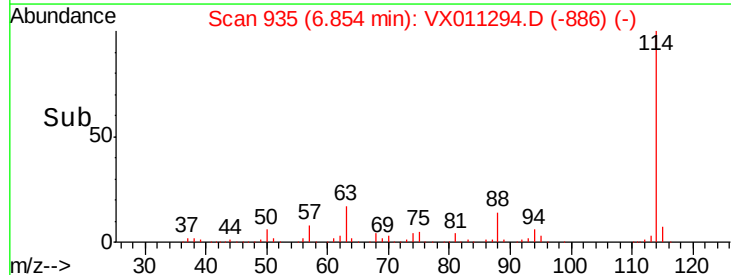
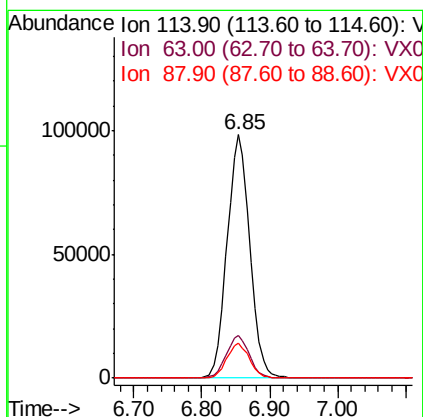
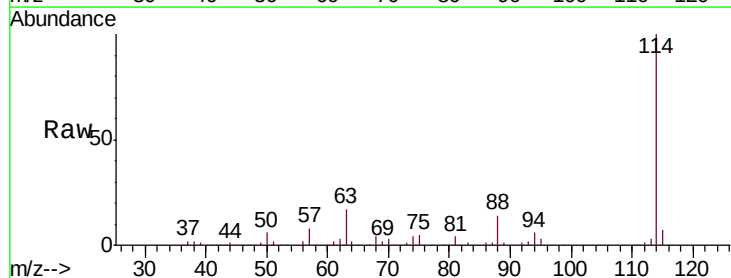
Instrument :
 MSVOA_N
 ClientSampleId :
 VX0802WBS01

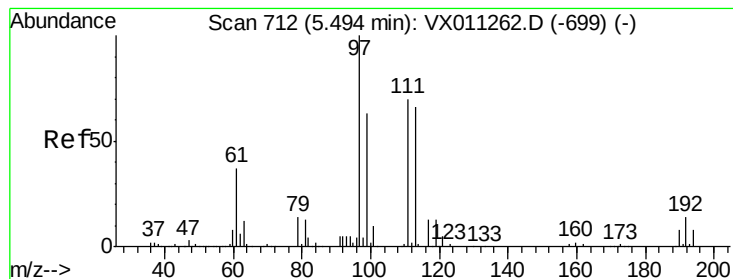
Tgt Ion: 65 Resp: 72785
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011294.D
 Acq: 02 Aug 2019 11:03

Tgt Ion: 114 Resp: 226723
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 34.0
 88 14.1 0.0 26.4





#35

Dibromofluoromethane

Concen: 46.979 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampleId :

VX0802WBS01

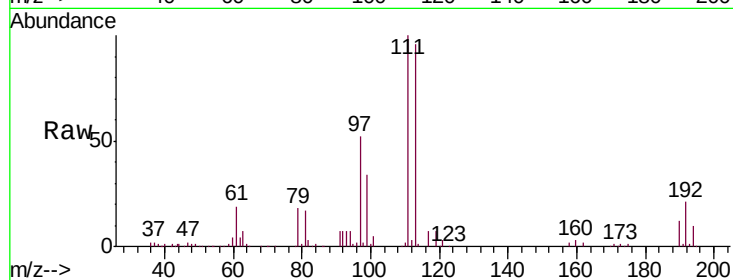
Tgt Ion:113 Resp: 69540

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

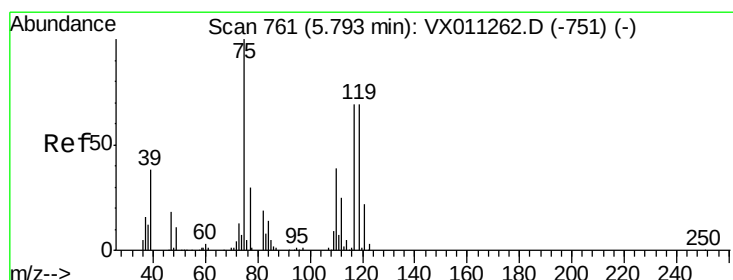
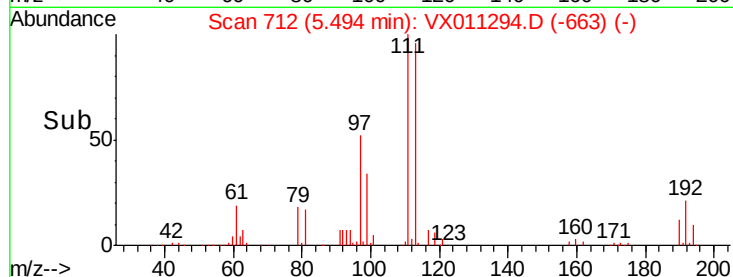
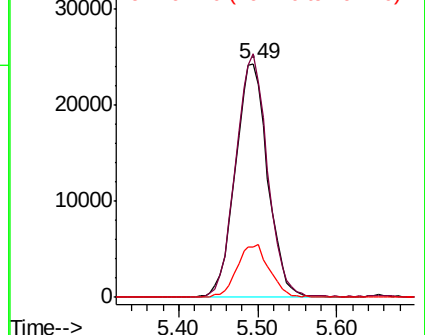
192 22.3 17.8 26.8



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: 17.746 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

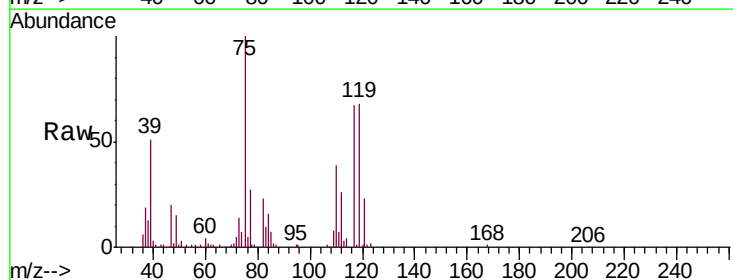
Tgt Ion: 75 Resp: 35128

Ion Ratio Lower Upper

75 100

110 41.8 20.0 59.9

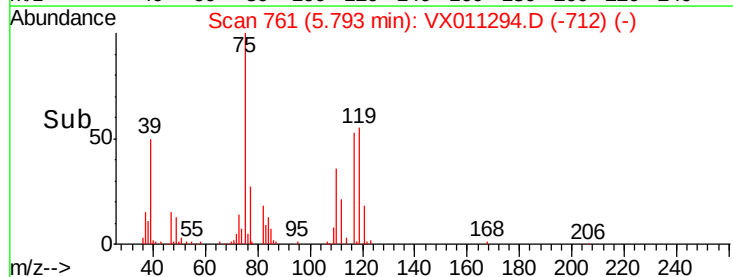
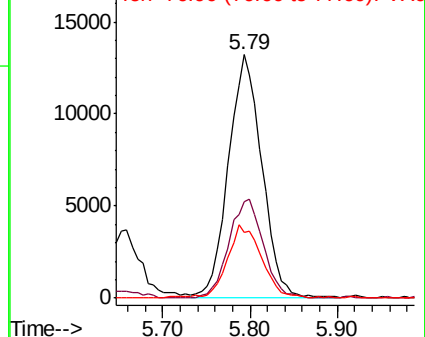
77 31.1 24.8 37.2

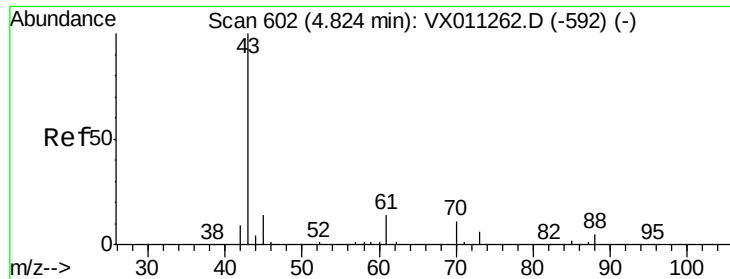


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

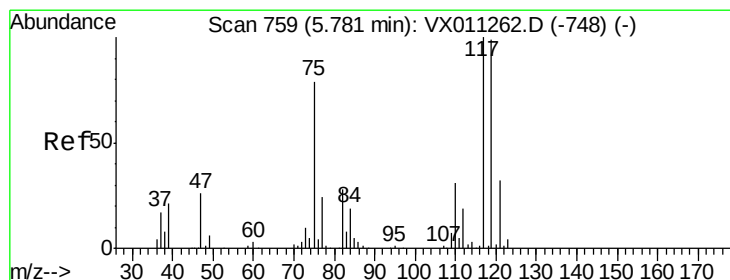
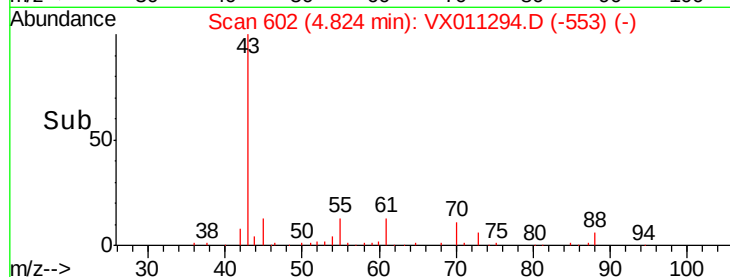
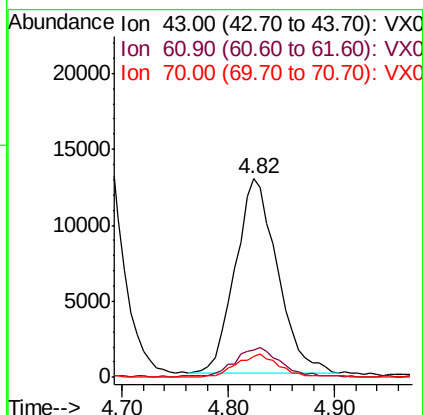
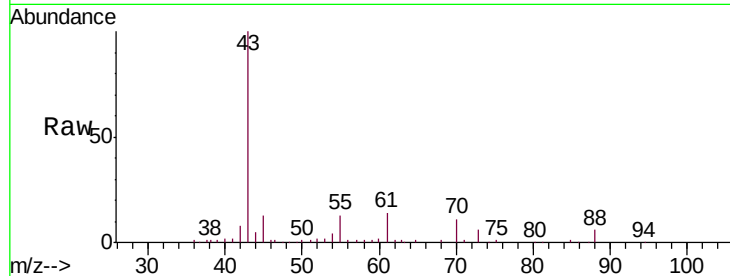




#37
Ethyl Acetate
Concen: 17.903 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011294.D
Acq: 02 Aug 2019 11:03

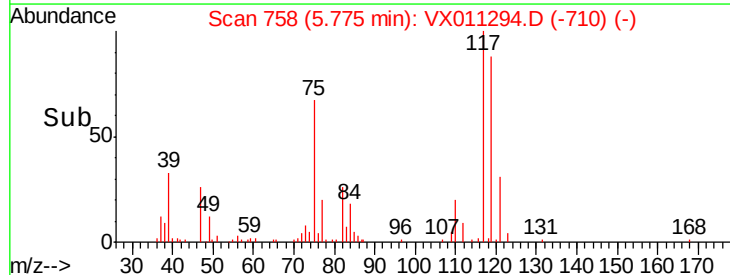
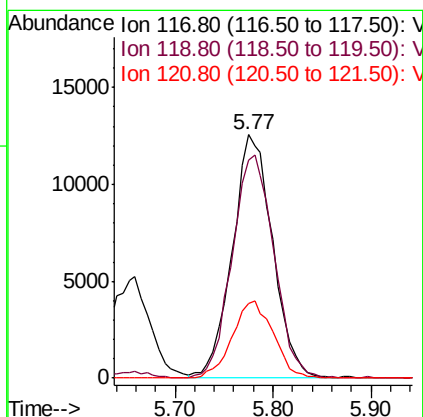
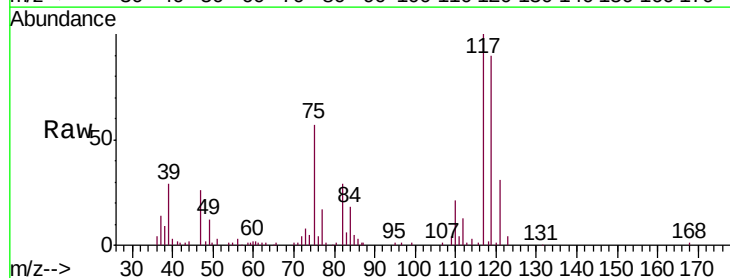
Instrument :
MSVOA_N
ClientSampleId :
VX0802WBS01

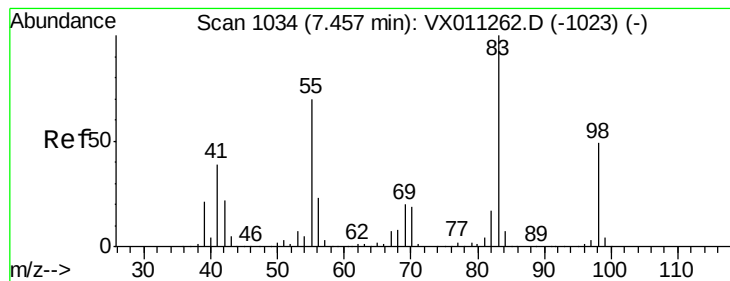
Tgt Ion: 43 Resp: 35548
Ion Ratio Lower Upper
43 100
61 16.9 12.6 18.8
70 12.1 9.1 13.7



#38
Carbon Tetrachloride
Concen: 18.067 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011294.D
Acq: 02 Aug 2019 11:03

Tgt Ion: 117 Resp: 35981
Ion Ratio Lower Upper
117 100
119 89.7 79.0 118.4
121 30.7 25.9 38.9





#39

Methylcyclohexane

Concen: 17.405 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampleId :

VX0802WBS01

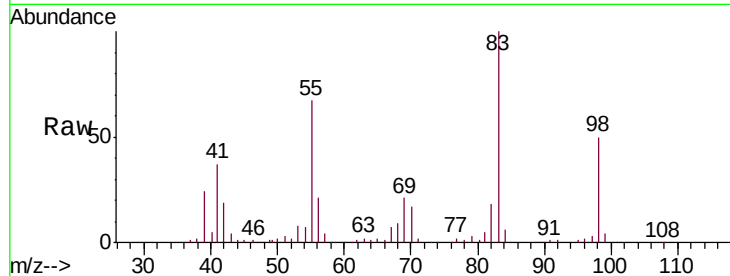
Tgt Ion: 83 Resp: 40839

Ion Ratio Lower Upper

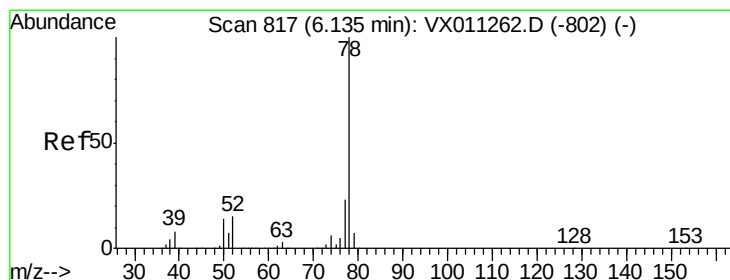
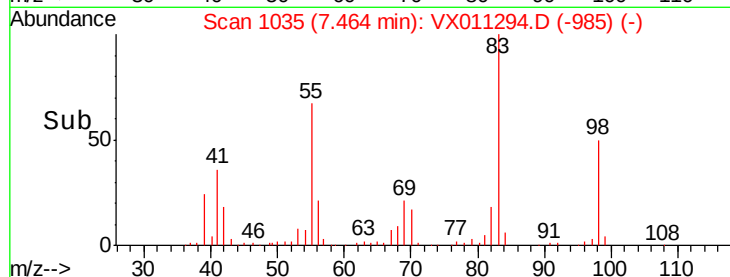
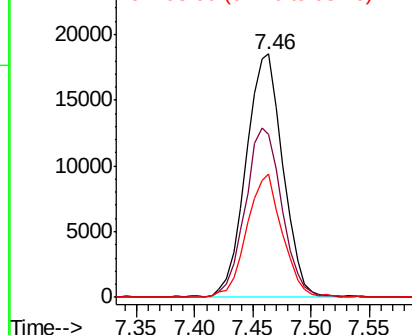
83 100

55 66.4 56.1 84.1

98 50.5 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: 18.750 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX011294.D

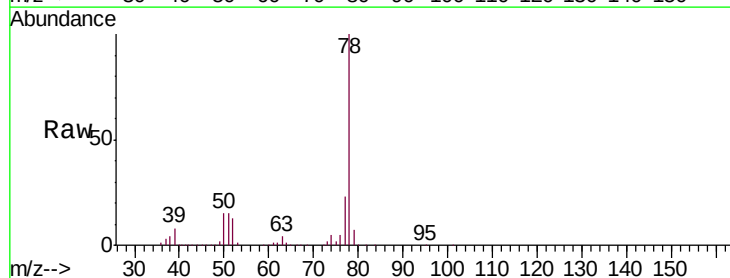
Acq: 02 Aug 2019 11:03

Tgt Ion: 78 Resp: 110758

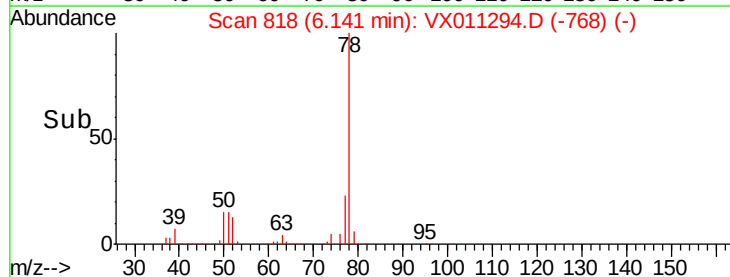
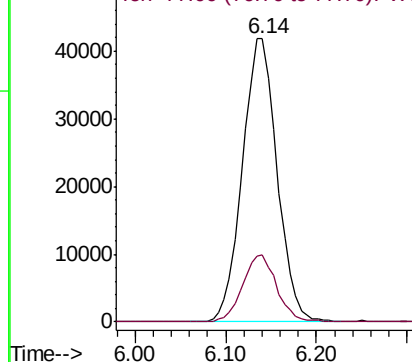
Ion Ratio Lower Upper

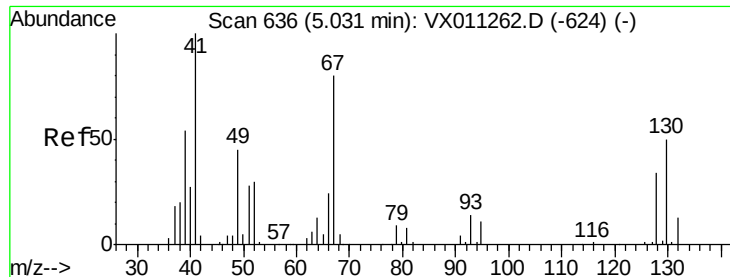
78 100

77 23.5 18.2 27.2



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

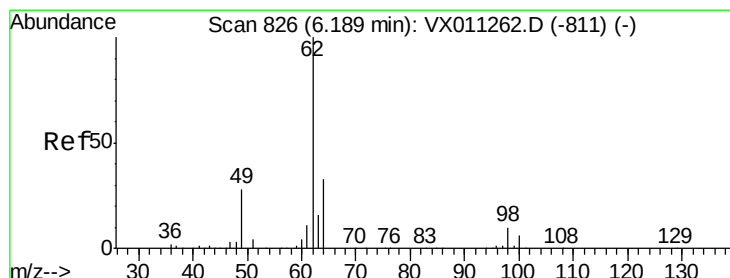
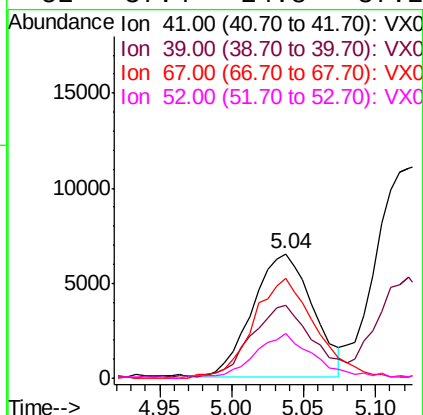
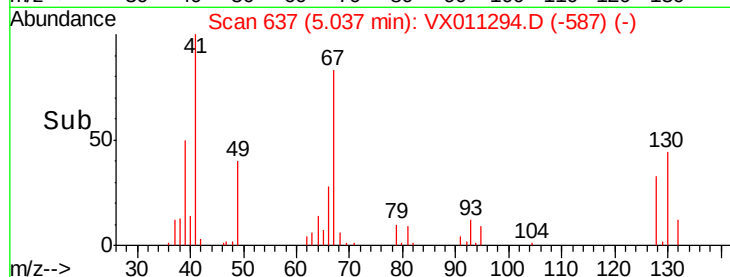
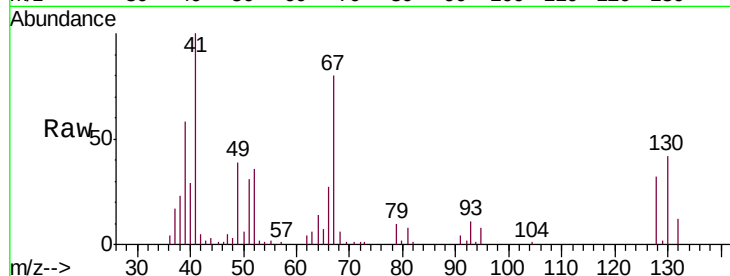




#41
Methacrylonitrile
Concen: 17.306 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.01 min
Lab File: VX011294.D
Acq: 02 Aug 2019 11:03

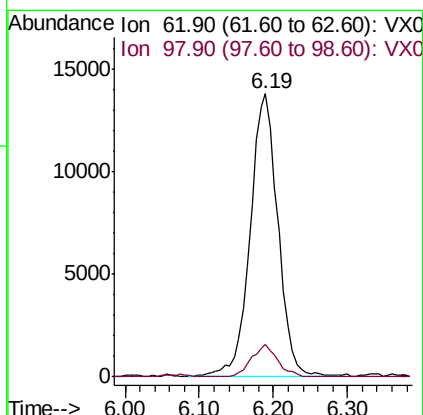
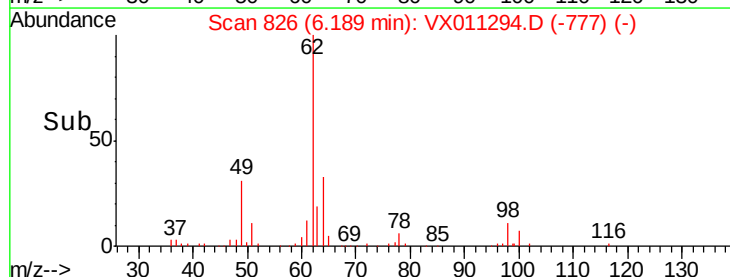
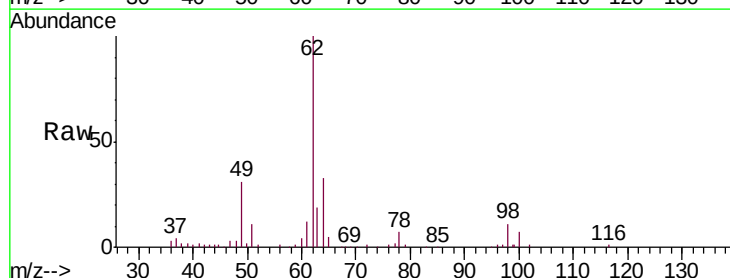
Instrument :
MSVOA_N
ClientSampleId :
VX0802WBS01

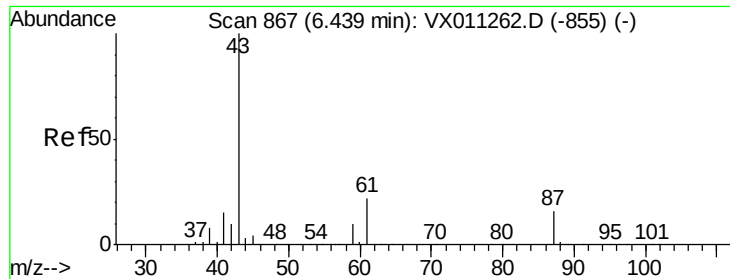
Tgt Ion: 41 Resp: 18766
Ion Ratio Lower Upper
41 100
39 58.0 43.0 64.6
67 84.2 65.1 97.7
52 37.4 24.8 37.2#



#42
1,2-Dichloroethane
Concen: 18.158 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX011294.D
Acq: 02 Aug 2019 11:03

Tgt Ion: 62 Resp: 36270
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.6





#43

Isopropyl Acetate

Concen: 18.013 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampleId :

VX0802WBS01

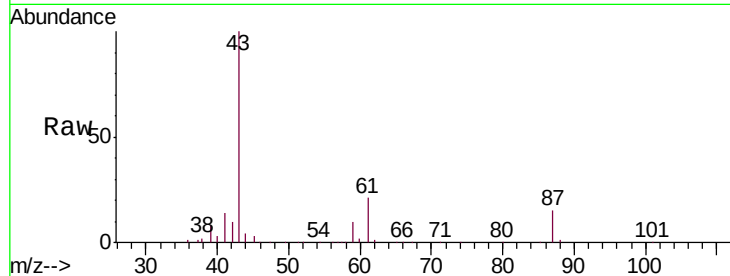
Tgt Ion: 43 Resp: 57183

Ion Ratio Lower Upper

43 100

61 21.3 16.5 24.7

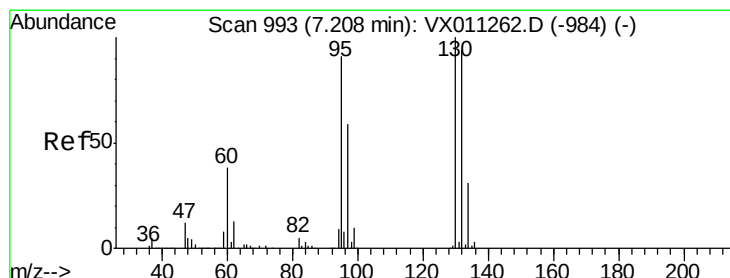
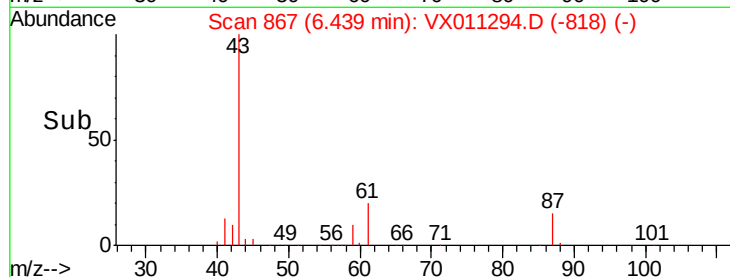
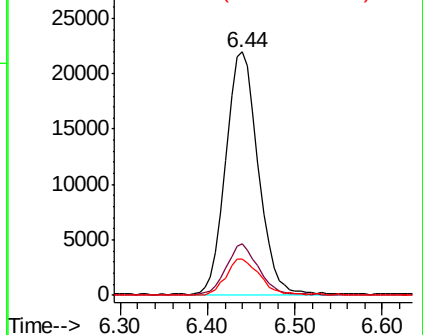
87 15.4 12.1 18.1



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: 18.413 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX011294.D

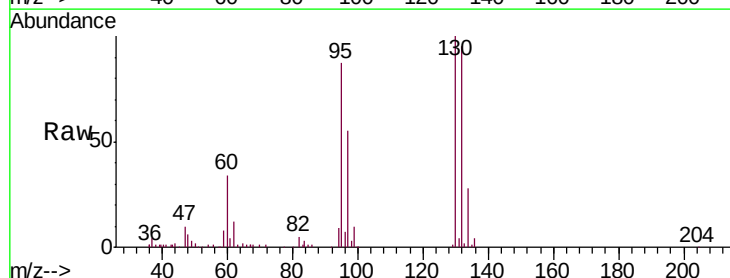
Acq: 02 Aug 2019 11:03

Tgt Ion: 130 Resp: 32921

Ion Ratio Lower Upper

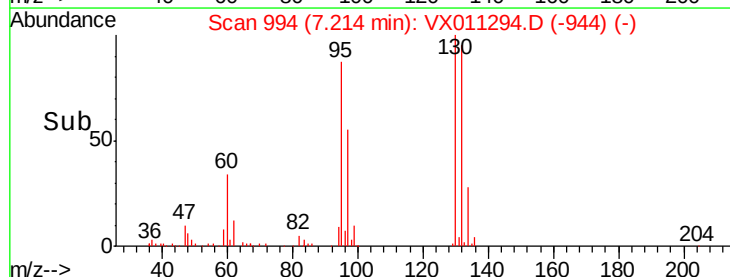
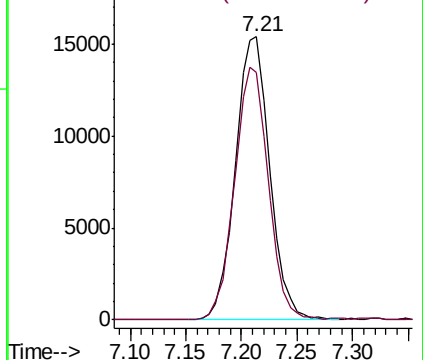
130 100

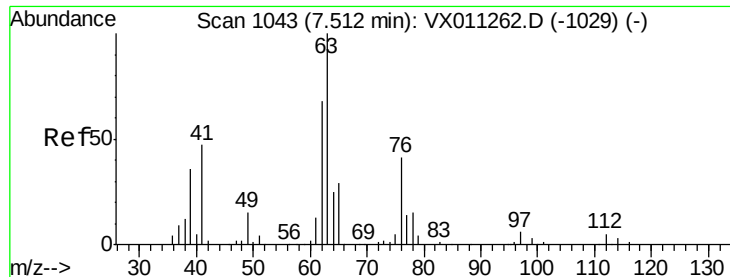
95 87.3 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

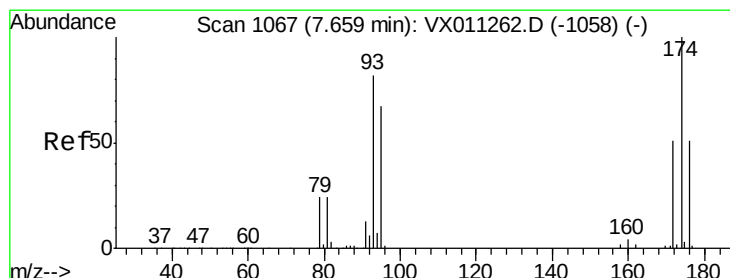
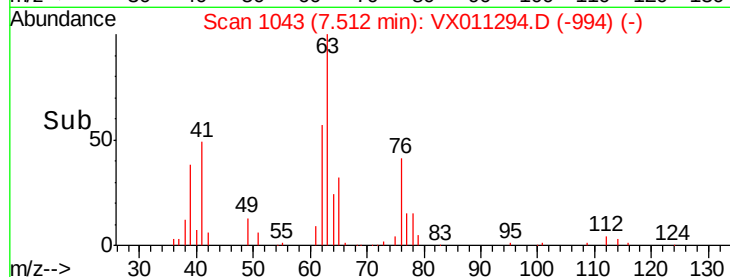
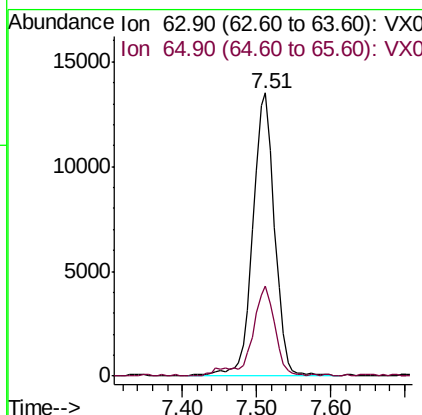
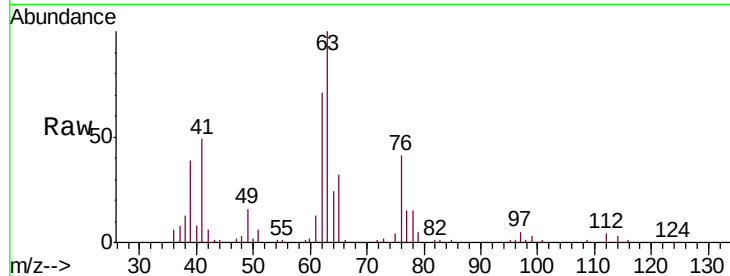




#45
 1,2-Dichloropropane
 Concen: 18.212 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011294.D
 Acq: 02 Aug 2019 11:03

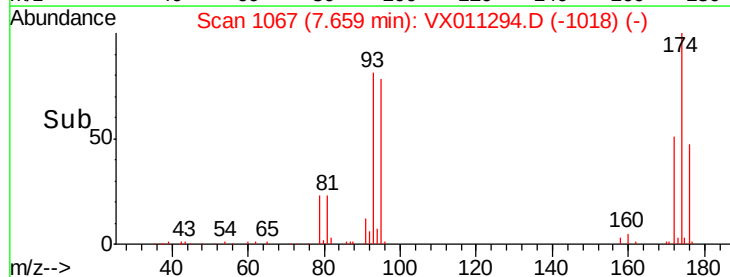
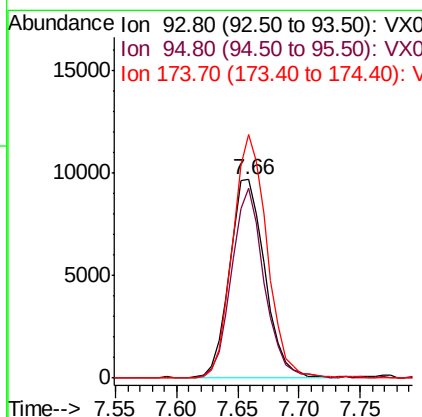
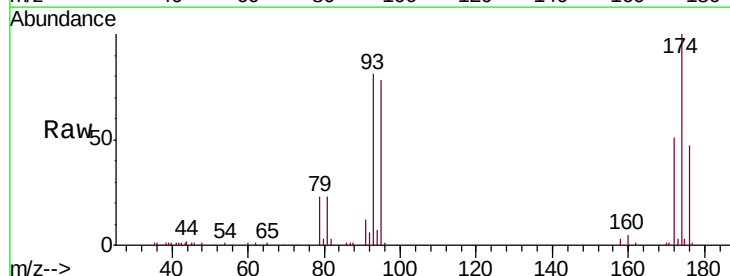
Instrument :
 MSVOA_N
 ClientSampleId :
 VX0802WBS01

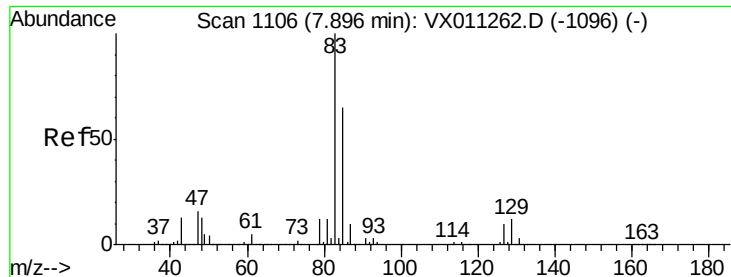
Tgt Ion: 63 Resp: 27861
 Ion Ratio Lower Upper
 63 100
 65 31.9 23.3 34.9



#46
 Dibromomethane
 Concen: 17.322 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011294.D
 Acq: 02 Aug 2019 11:03

Tgt Ion: 93 Resp: 19345
 Ion Ratio Lower Upper
 93 100
 95 88.1 66.4 99.6
 174 118.5 93.4 140.2





#47

Bromodichloromethane

Concen: 18.013 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampleId :

VX0802WBS01

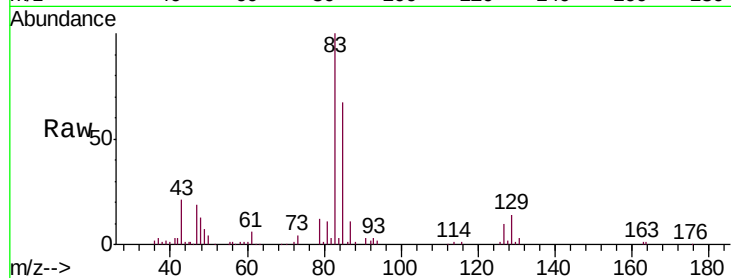
Tgt Ion: 83 Resp: 34059

Ion Ratio Lower Upper

83 100

85 67.1 52.2 78.2

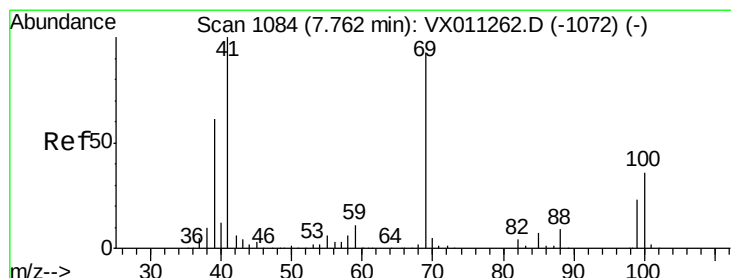
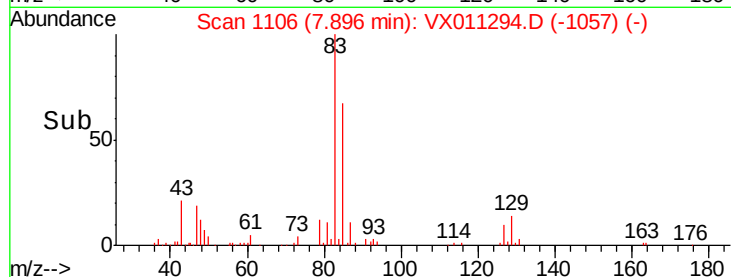
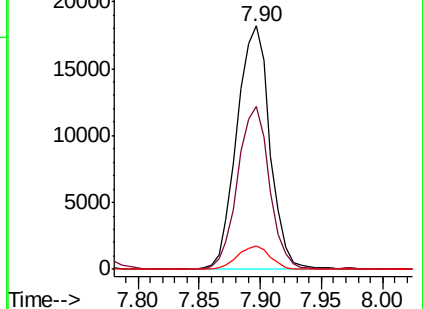
127 9.8 7.8 11.8



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: 19.164 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

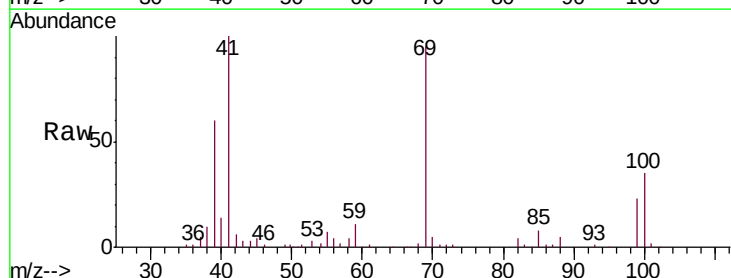
Tgt Ion: 41 Resp: 28630

Ion Ratio Lower Upper

41 100

69 91.2 74.5 111.7

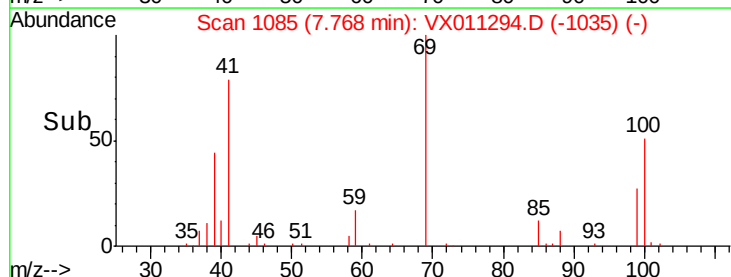
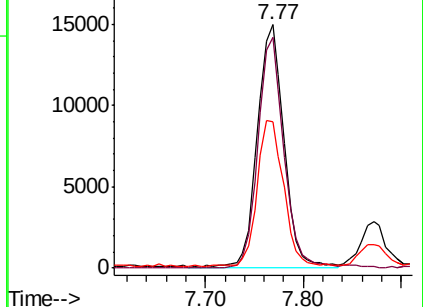
39 57.8 48.6 72.8

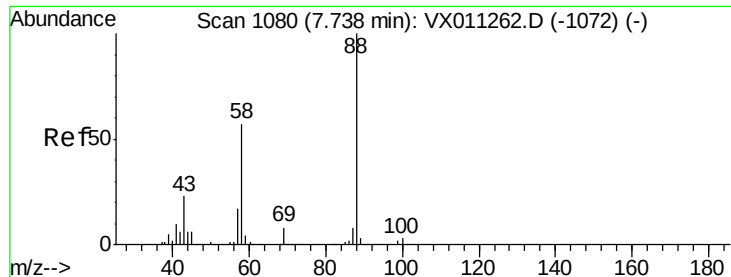


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 363.993 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.01 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampleId :

VX0802WBS01

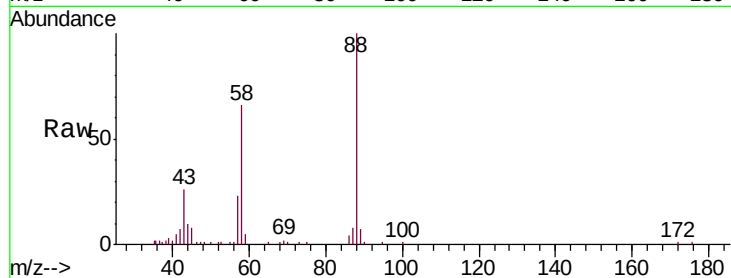
Tgt Ion: 88 Resp: 15765

Ion Ratio Lower Upper

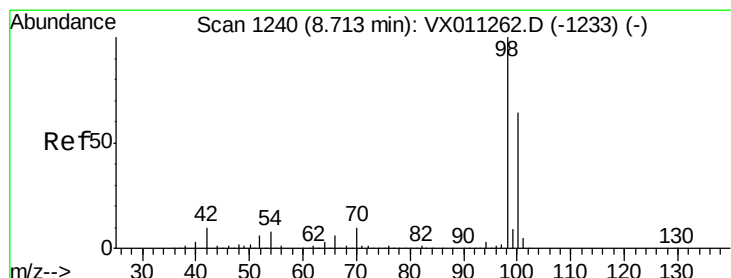
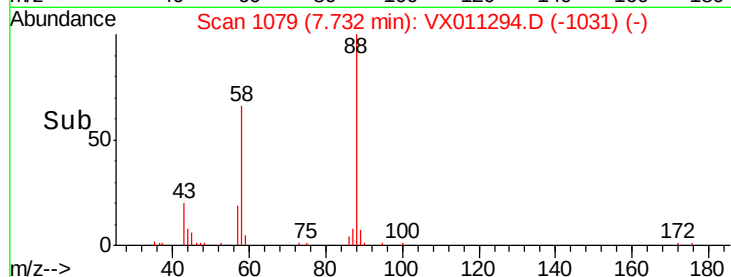
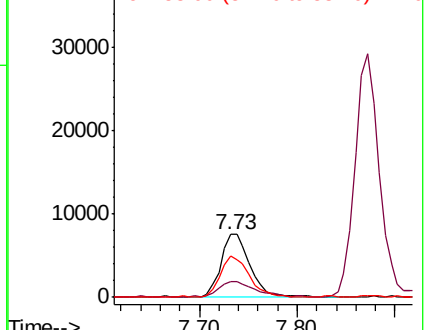
88 100

43 29.4 22.2 33.2

58 62.5 47.8 71.8



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



#50

Toluene-d8

Concen: 46.785 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011294.D

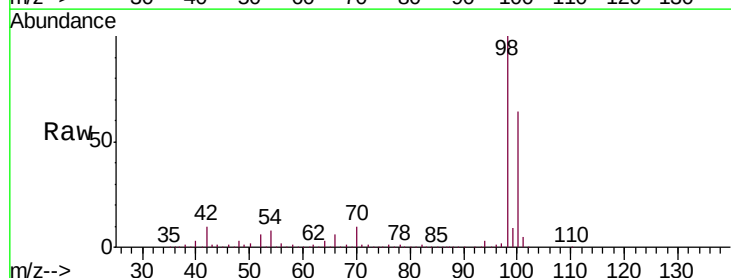
Acq: 02 Aug 2019 11:03

Tgt Ion: 98 Resp: 261405

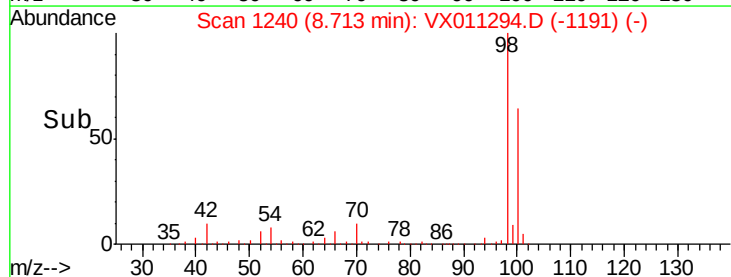
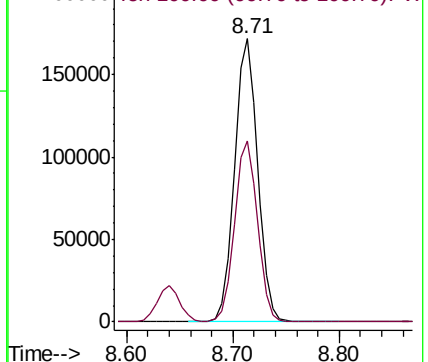
Ion Ratio Lower Upper

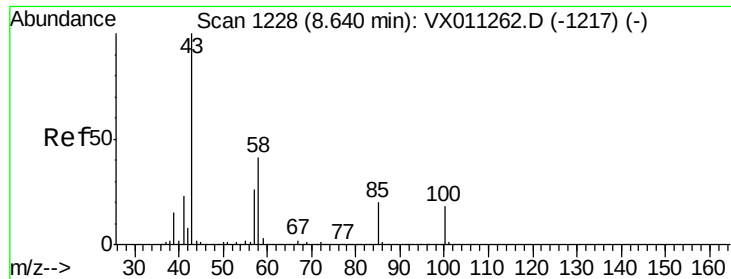
98 100

100 63.5 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 94.707 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampled :

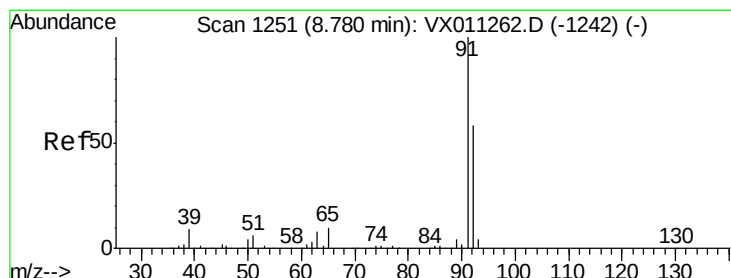
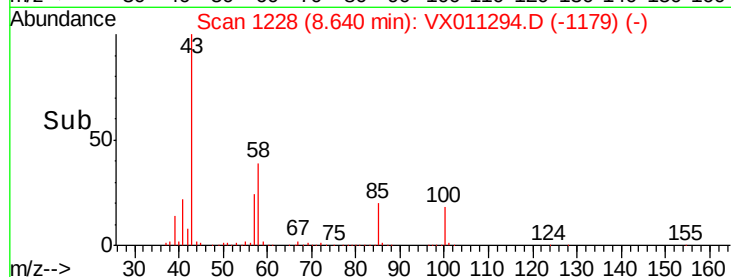
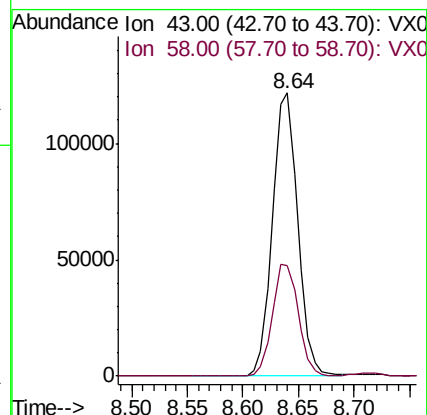
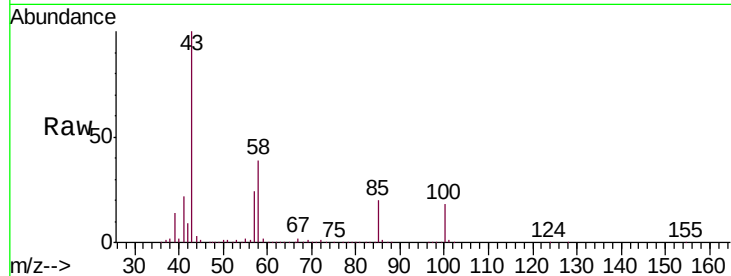
VX0802WBS01

Tgt Ion: 43 Resp: 194026

Ion Ratio Lower Upper

43 100

58 40.5 32.3 48.5



#52

Toluene

Concen: 18.535 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011294.D

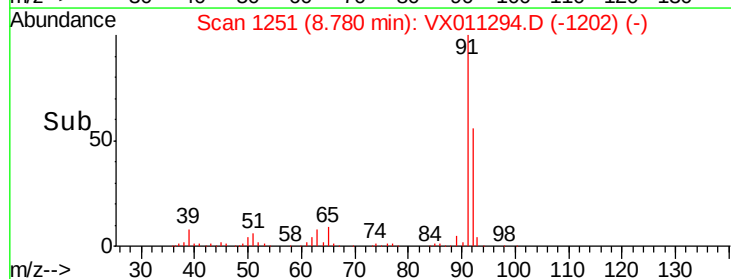
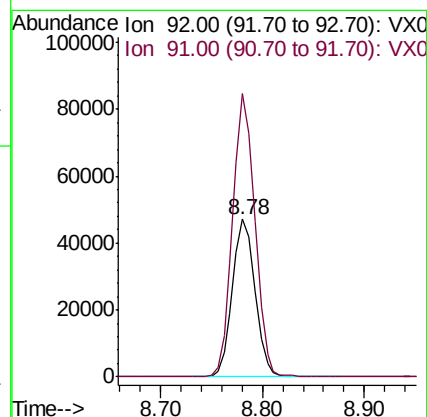
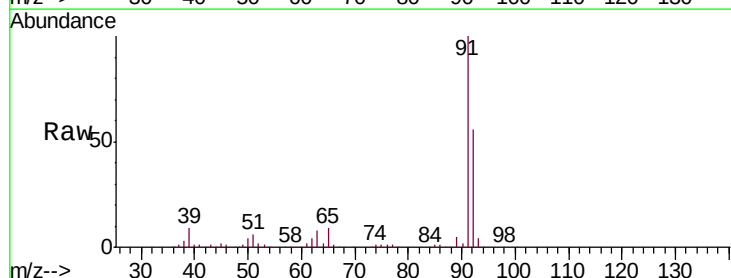
Acq: 02 Aug 2019 11:03

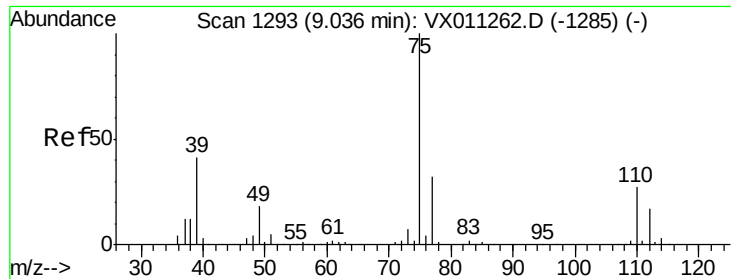
Tgt Ion: 92 Resp: 72389

Ion Ratio Lower Upper

92 100

91 176.8 139.4 209.0

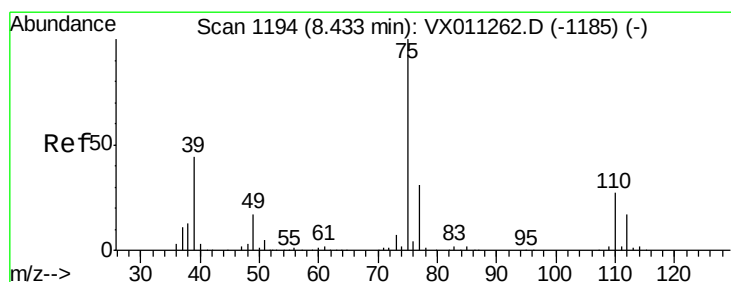
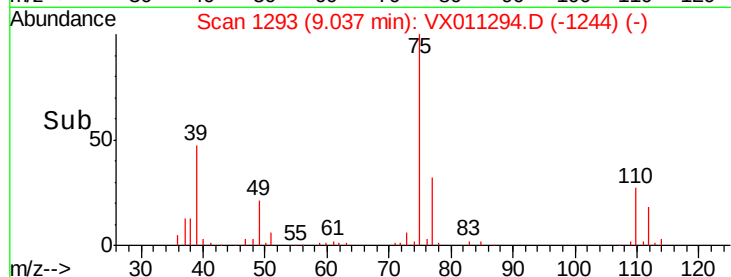
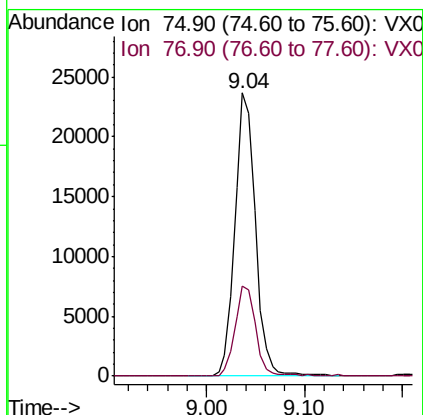
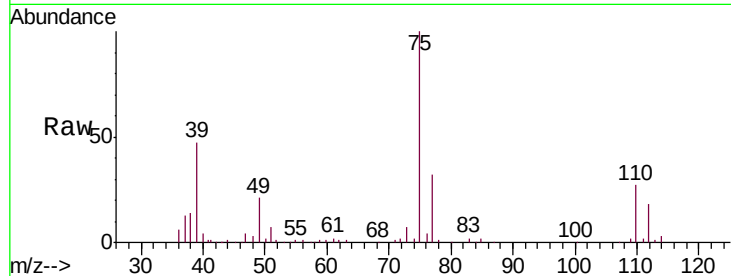




#53
 t-1,3-Dichloropropene
 Concen: 17.664 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011294.D
 Acq: 02 Aug 2019 11:03

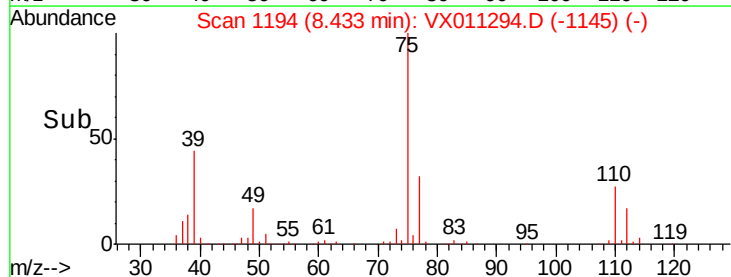
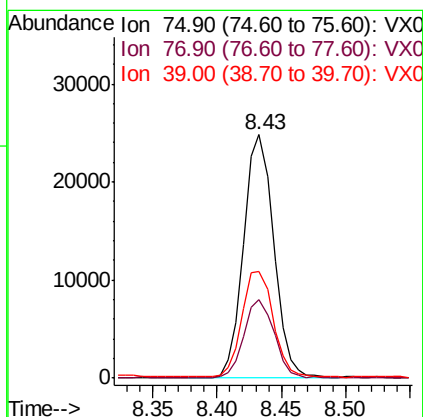
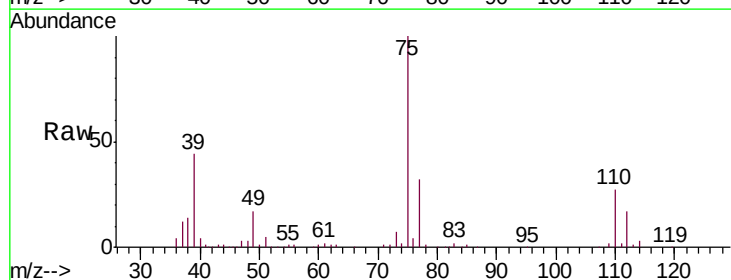
Instrument :
 MSVOA_N
 ClientSampleId :
 VX0802WBS01

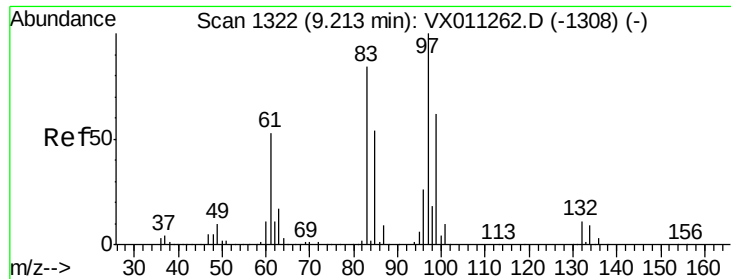
Tgt Ion: 75 Resp: 34612
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 18.273 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX011294.D
 Acq: 02 Aug 2019 11:03

Tgt Ion: 75 Resp: 40360
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.6
 39 43.2 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 18.333 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampleId :

VX0802WBS01

Tgt Ion: 97 Resp: 29439

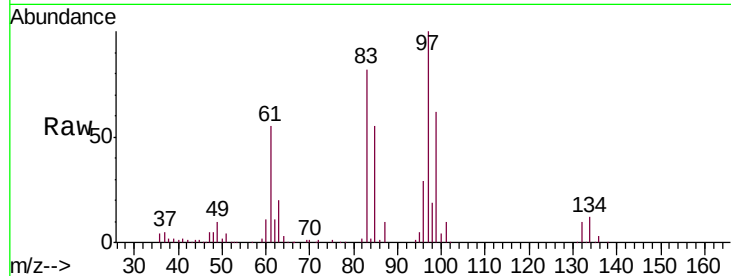
Ion Ratio Lower Upper

97 100

83 81.6 67.6 101.4

85 54.9 43.4 65.0

99 62.2 49.6 74.4

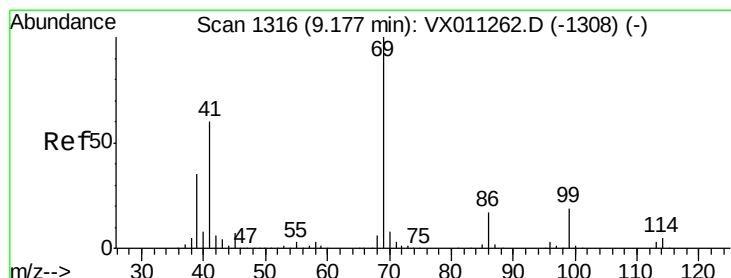
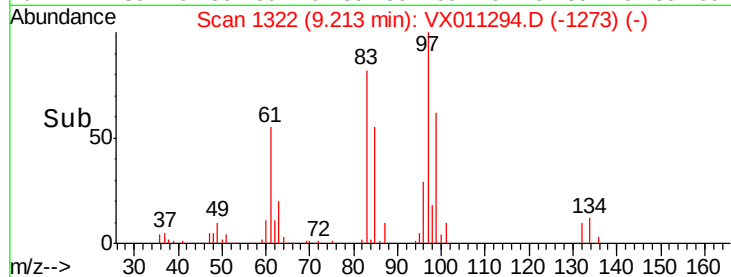
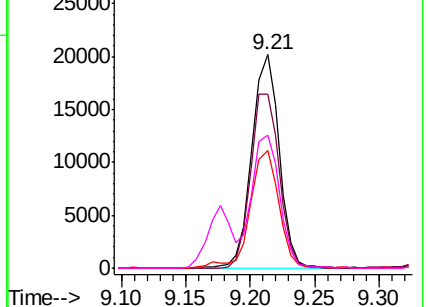


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 17.977 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

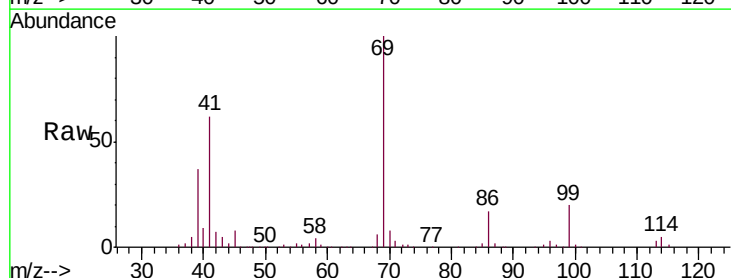
Tgt Ion: 69 Resp: 41137

Ion Ratio Lower Upper

69 100

41 62.6 48.6 73.0

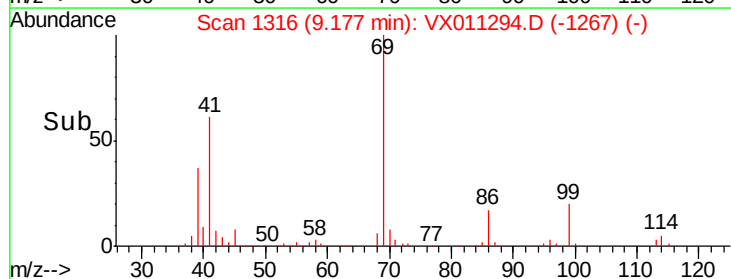
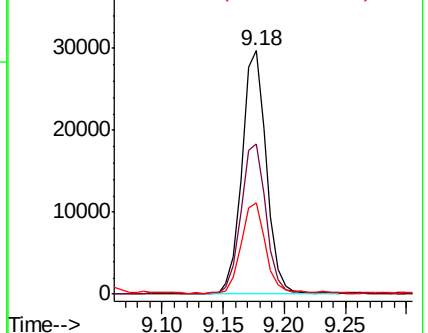
39 36.7 29.4 44.2

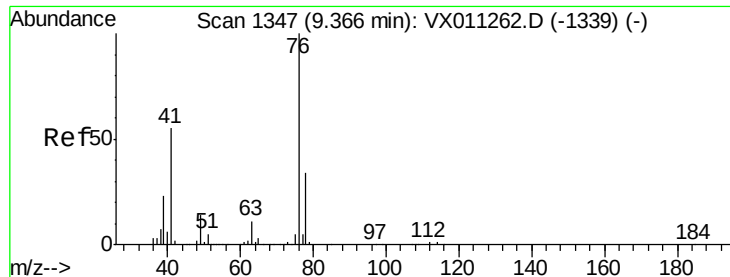


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

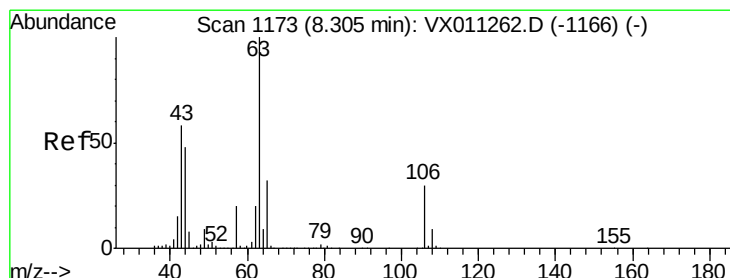
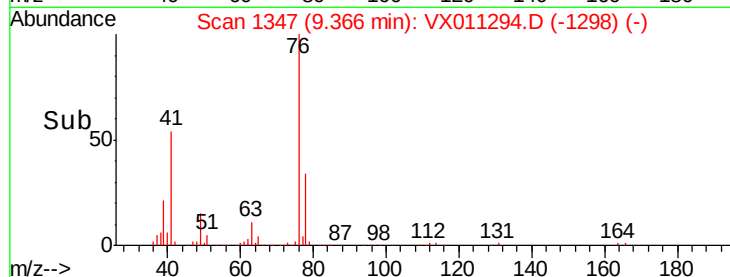
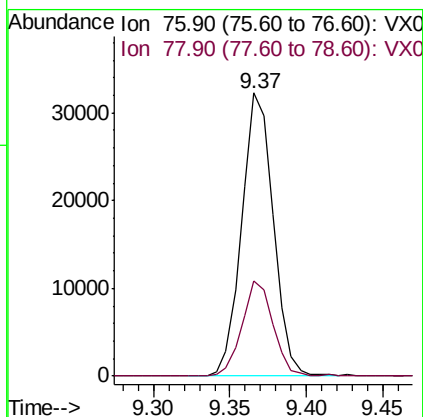
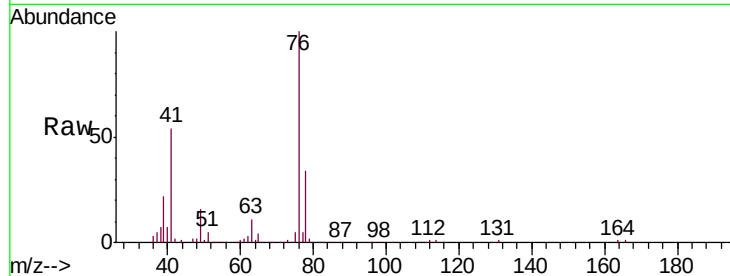




#57
 1,3-Dichloropropane
 Concen: 18.251 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011294.D
 Acq: 02 Aug 2019 11:03

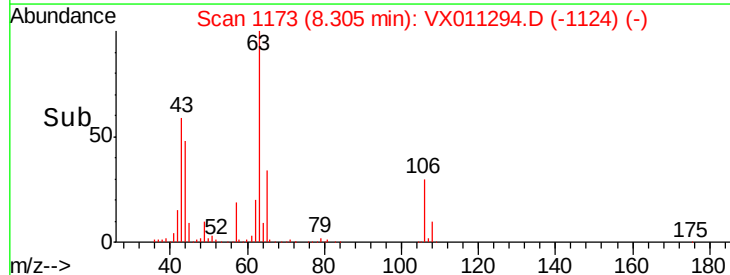
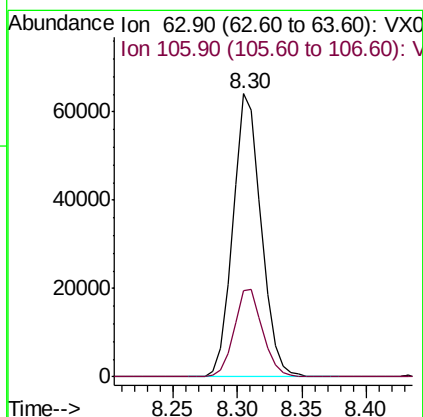
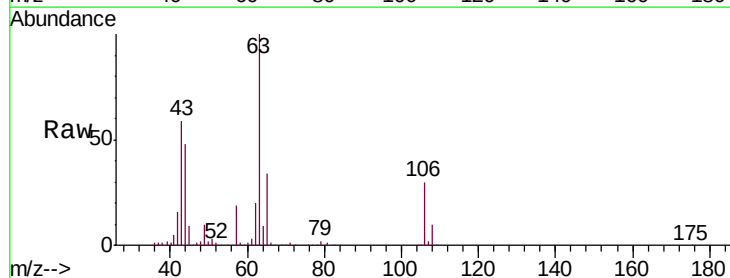
Instrument :
 MSVOA_N
 ClientSampleId :
 VX0802WBS01

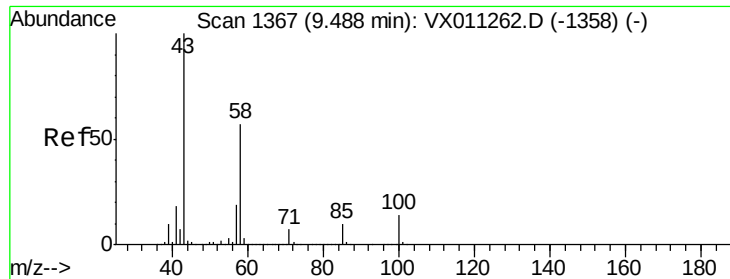
Tgt Ion: 76 Resp: 46348
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 87.074 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011294.D
 Acq: 02 Aug 2019 11:03

Tgt Ion: 63 Resp: 97971
 Ion Ratio Lower Upper
 63 100
 106 31.1 24.4 36.6

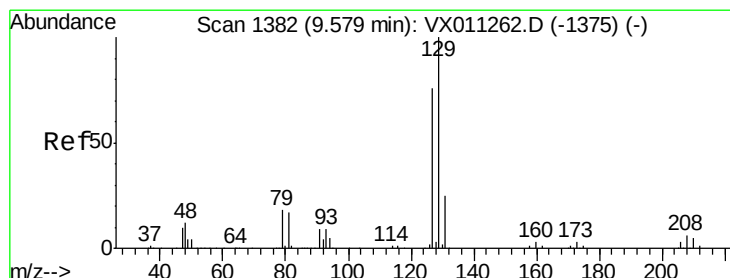
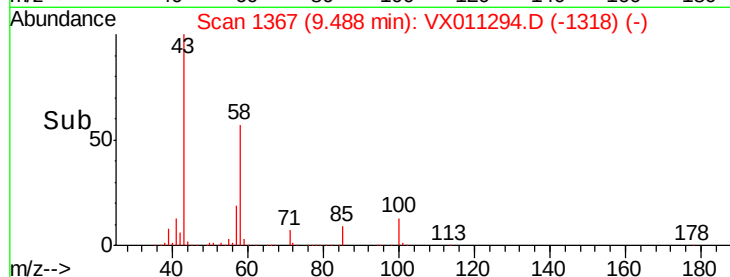
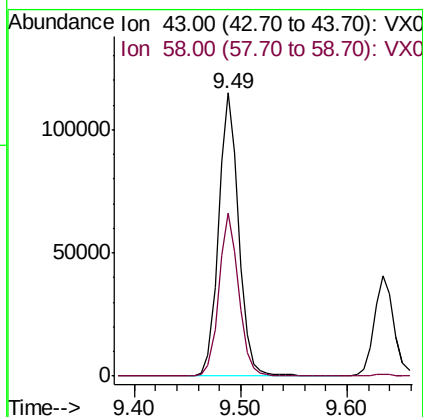
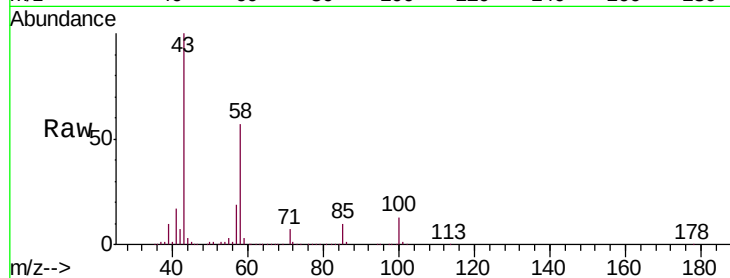




#59
2-Hexanone
Concen: 94.626 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011294.D
Acq: 02 Aug 2019 11:03

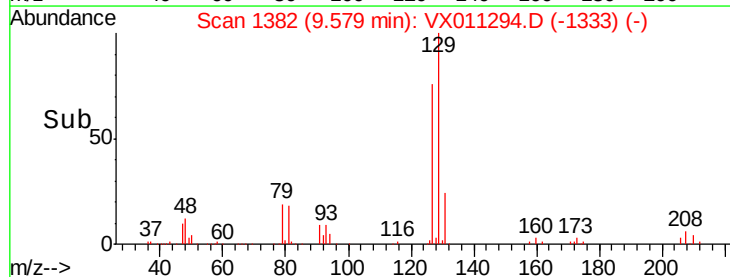
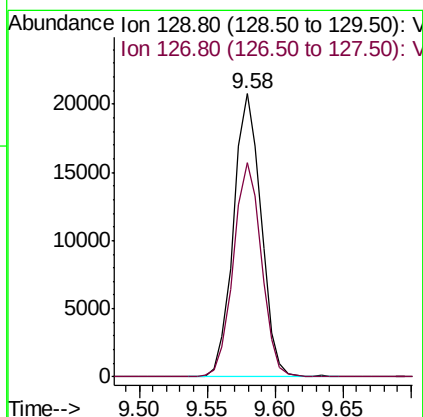
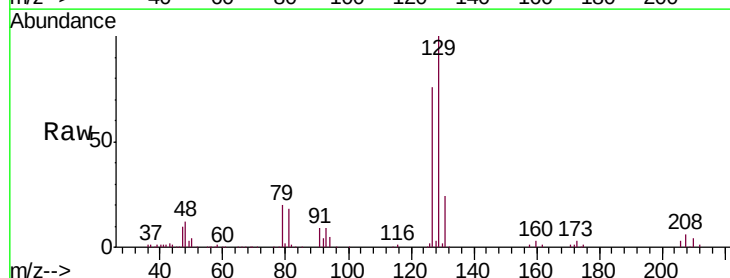
Instrument :
MSVOA_N
ClientSampleId :
VX0802WBS01

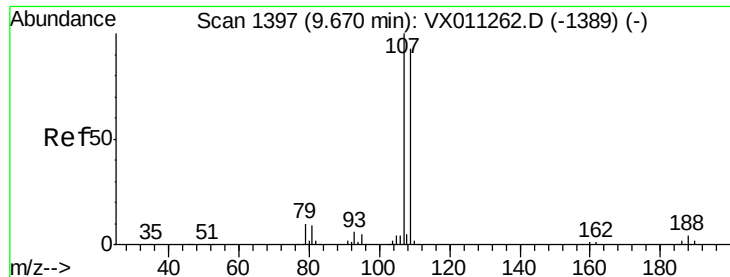
Tgt Ion: 43 Resp: 150158
Ion Ratio Lower Upper
43 100
58 56.6 28.2 84.6



#60
Dibromochloromethane
Concen: 17.893 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011294.D
Acq: 02 Aug 2019 11:03

Tgt Ion: 129 Resp: 29416
Ion Ratio Lower Upper
129 100
127 76.7 39.2 117.6





#61

1,2-Dibromoethane

Concen: 18.198 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampleId :

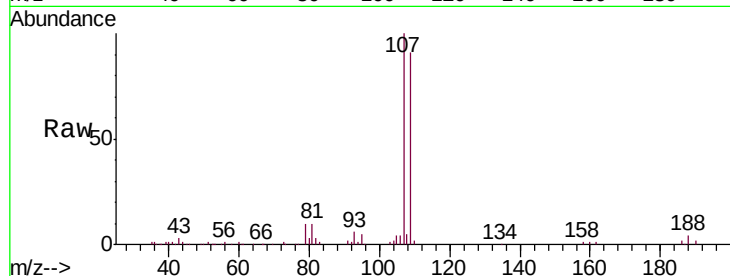
VX0802WBS01

Tgt Ion: 107 Resp: 31571

Ion Ratio Lower Upper

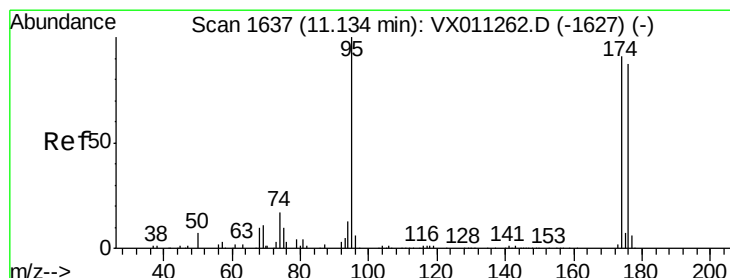
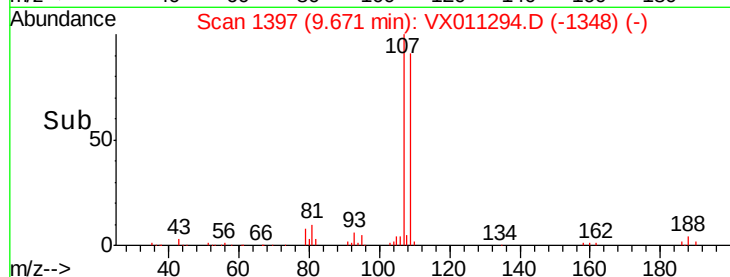
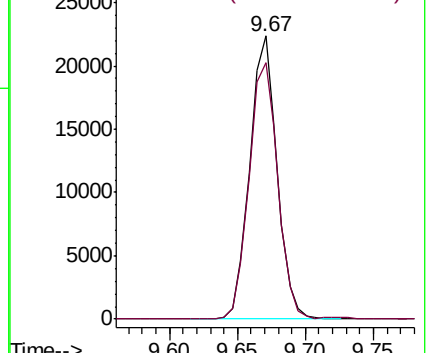
107 100

109 95.0 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.562 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

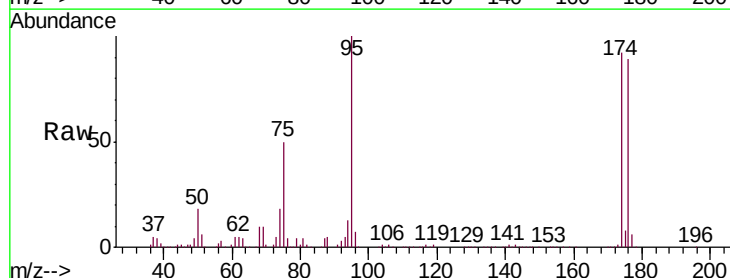
Tgt Ion: 95 Resp: 90890

Ion Ratio Lower Upper

95 100

174 94.8 0.0 191.2

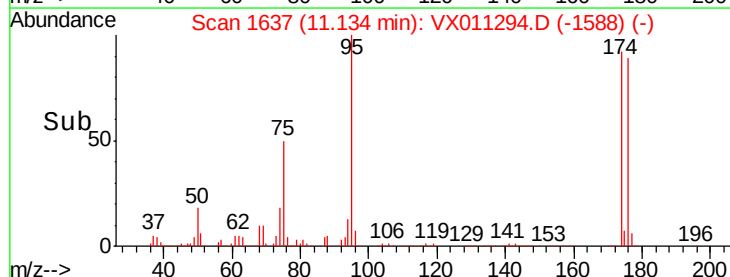
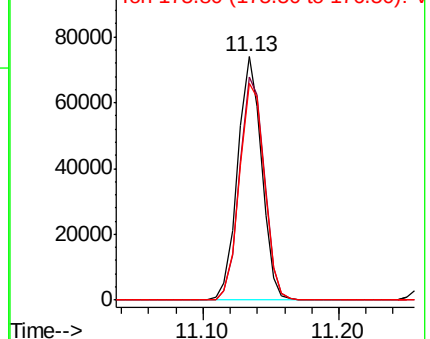
176 92.9 0.0 184.8

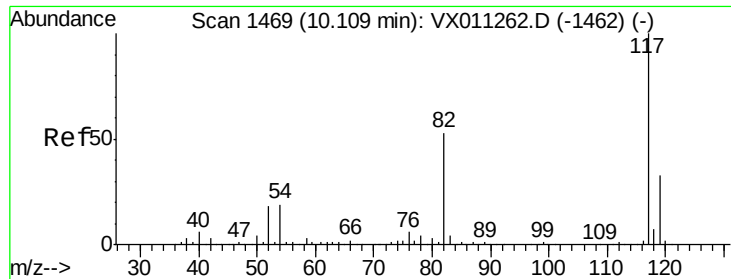


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

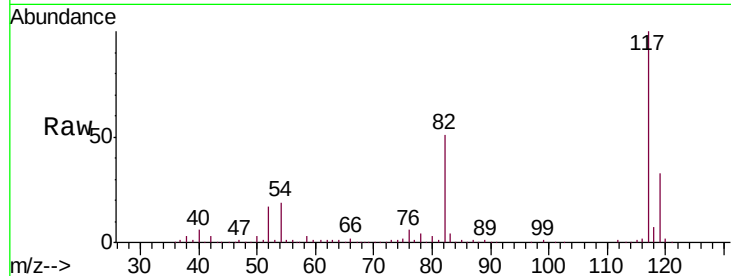




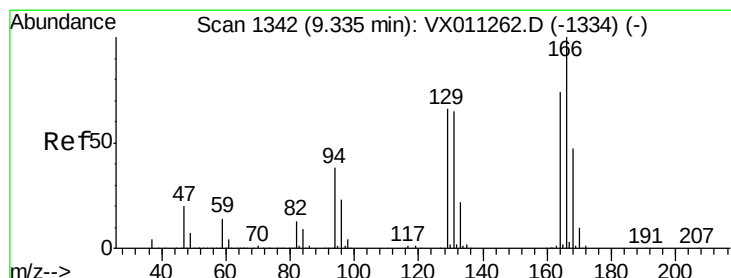
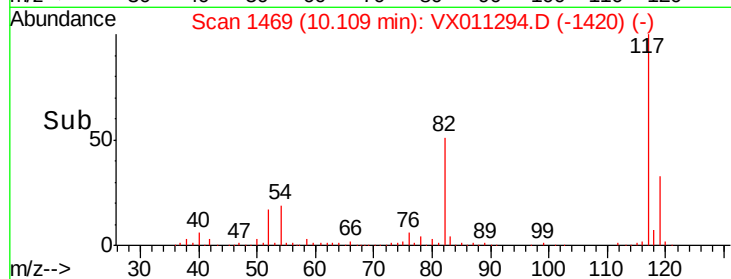
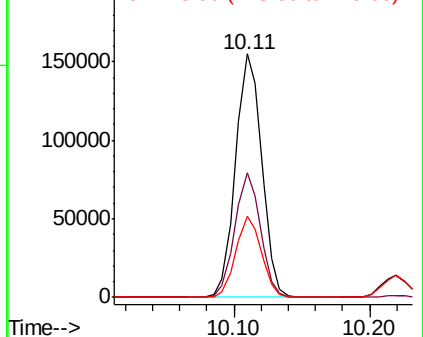
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011294.D
Acq: 02 Aug 2019 11:03

Instrument :
MSVOA_N
ClientSampleId :
VX0802WBS01

Tgt Ion:117 Resp: 207853
Ion Ratio Lower Upper
117 100
82 51.1 42.2 63.2
119 33.1 26.6 39.8

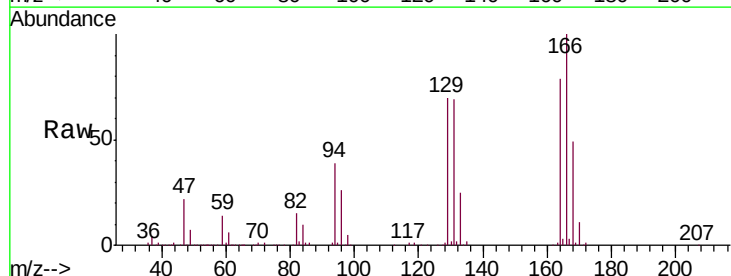


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

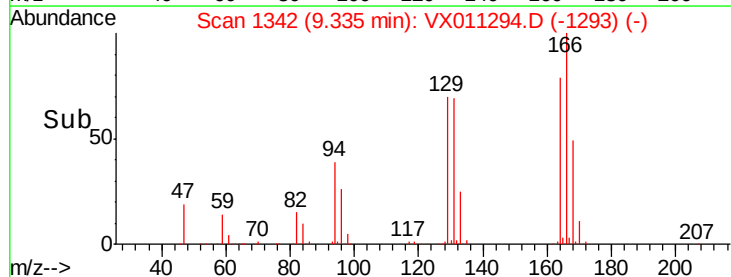
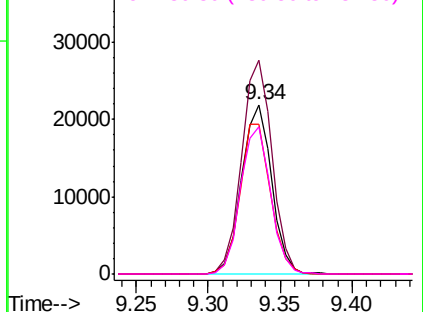


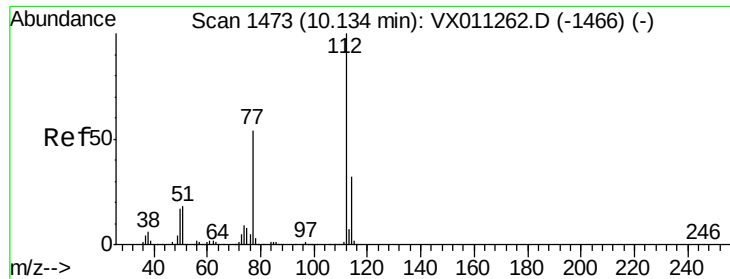
#64
Tetrachloroethene
Concen: 17.931 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011294.D
Acq: 02 Aug 2019 11:03

Tgt Ion:164 Resp: 31652
Ion Ratio Lower Upper
164 100
166 126.0 107.5 161.3
129 88.2 71.0 106.4
131 86.6 69.8 104.6



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

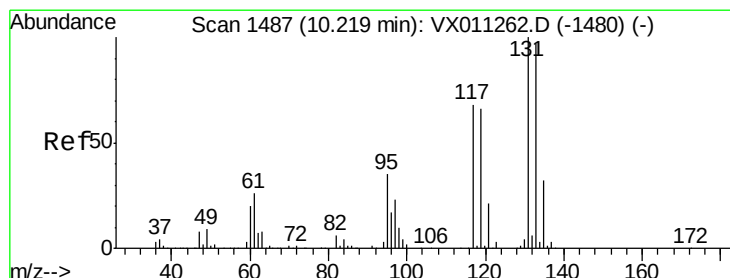
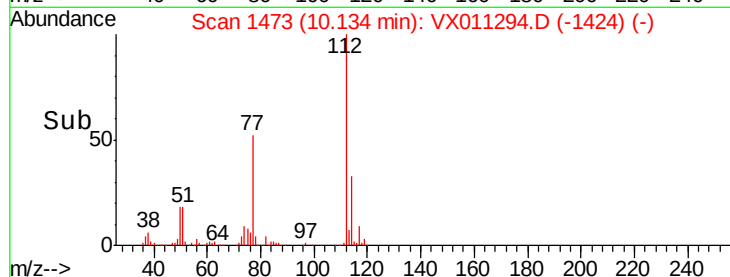
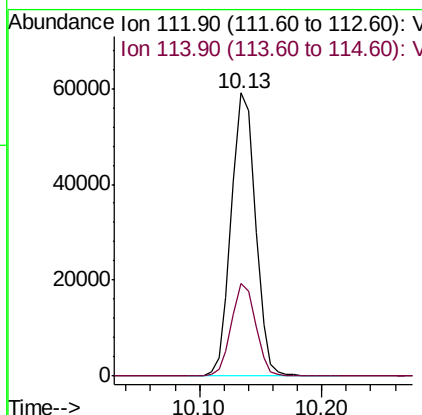
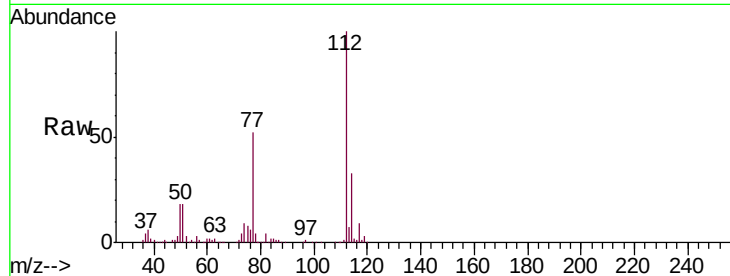




#65
Chlorobenzene
Concen: 18.172 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011294.D
Acq: 02 Aug 2019 11:03

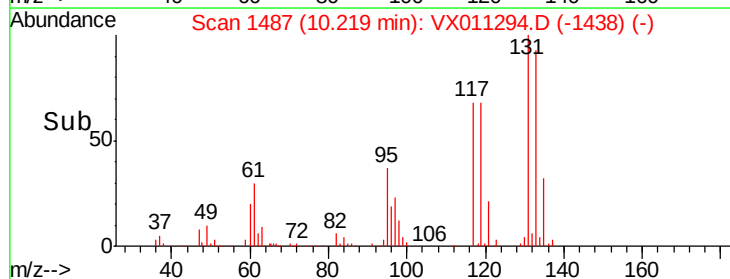
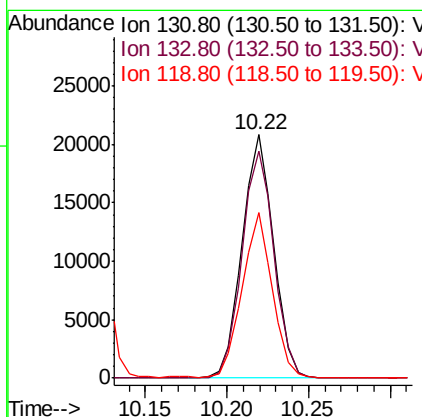
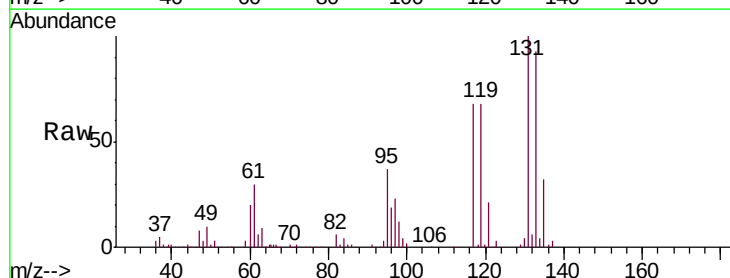
Instrument :
MSVOA_N
ClientSampleId :
VX0802WBS01

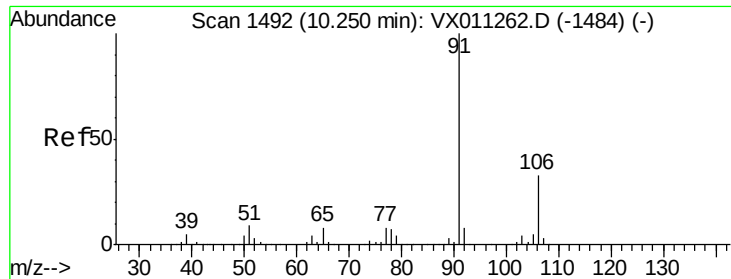
Tgt Ion:112 Resp: 80988
Ion Ratio Lower Upper
112 100
114 32.6 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 18.422 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011294.D
Acq: 02 Aug 2019 11:03

Tgt Ion:131 Resp: 28108
Ion Ratio Lower Upper
131 100
133 94.3 47.7 143.1
119 65.4 32.8 98.3

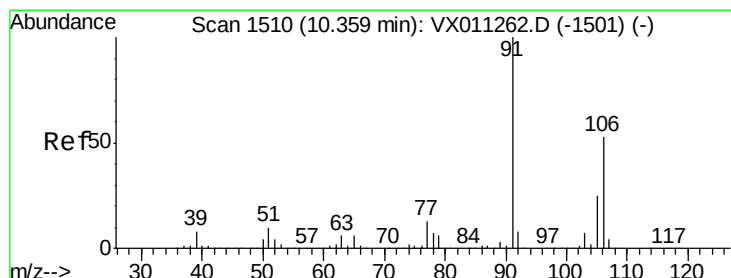
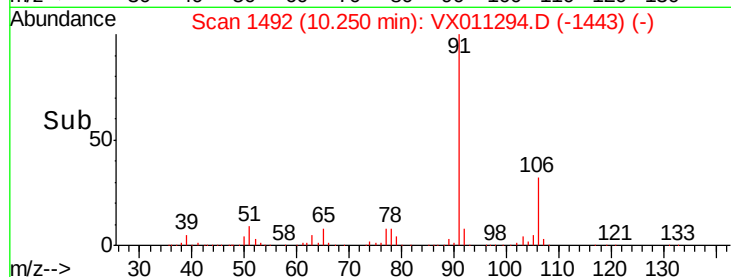
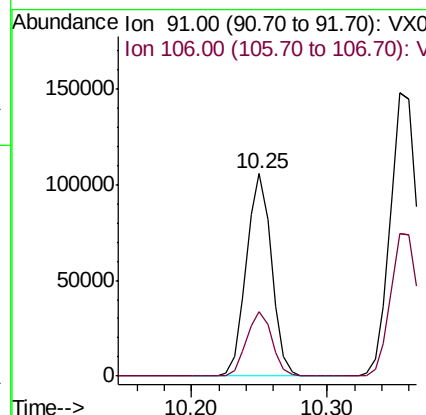
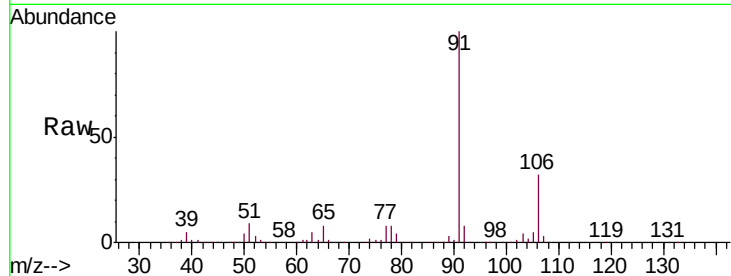




#67
Ethyl Benzene
Concen: 18.371 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011294.D
Acq: 02 Aug 2019 11:03

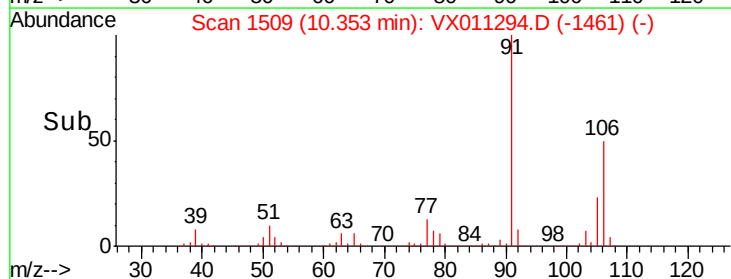
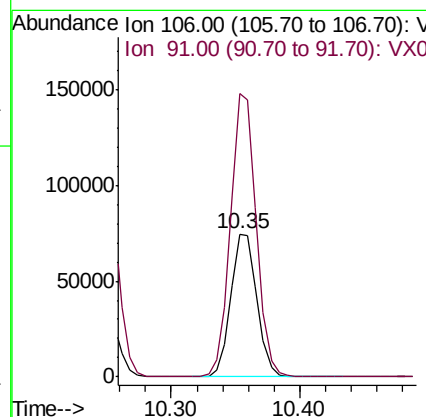
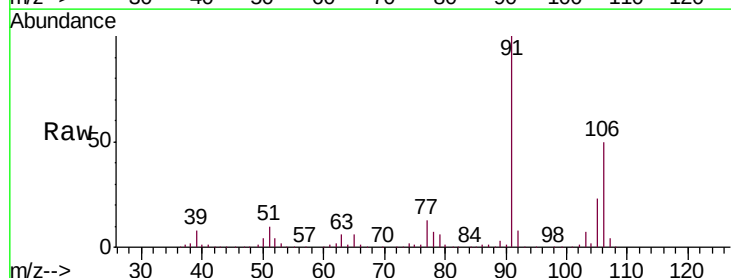
Instrument :
MSVOA_N
ClientSampled :
VX0802WBS01

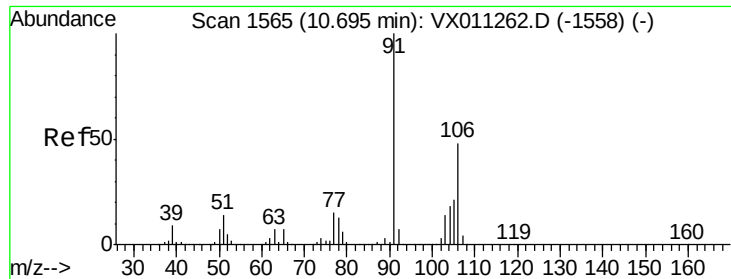
Tgt Ion: 91 Resp: 137119
Ion Ratio Lower Upper
91 100
106 32.1 26.2 39.4



#68
m/p-Xylenes
Concen: 36.654 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011294.D
Acq: 02 Aug 2019 11:03

Tgt Ion: 106 Resp: 105820
Ion Ratio Lower Upper
106 100
91 196.2 155.9 233.9

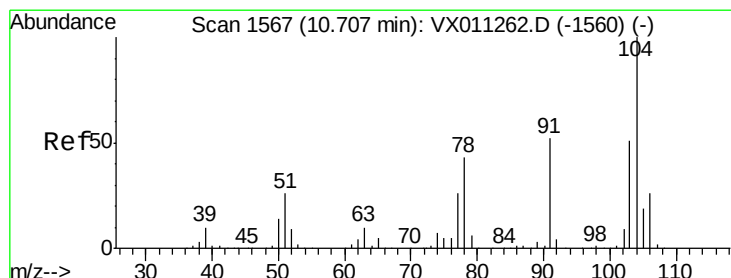
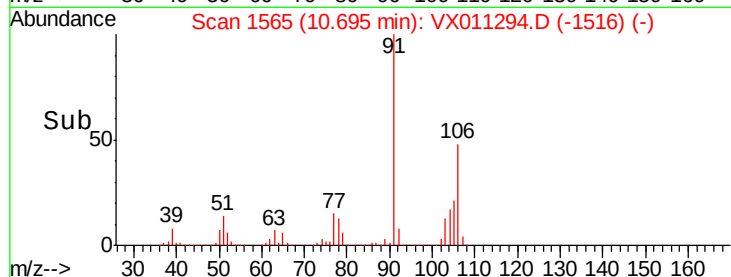
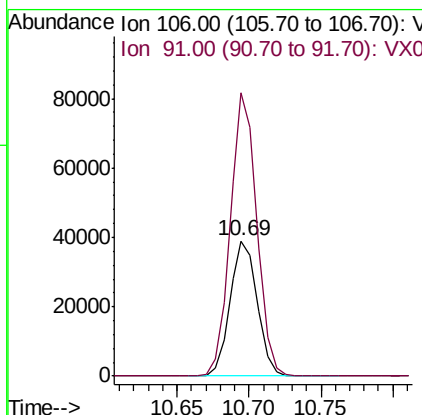
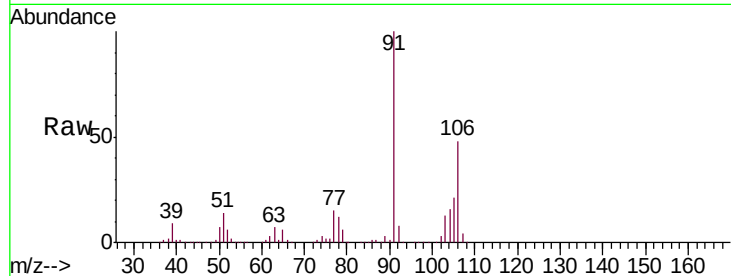




#69
o-Xylene
Concen: 18.235 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011294.D
Acq: 02 Aug 2019 11:03

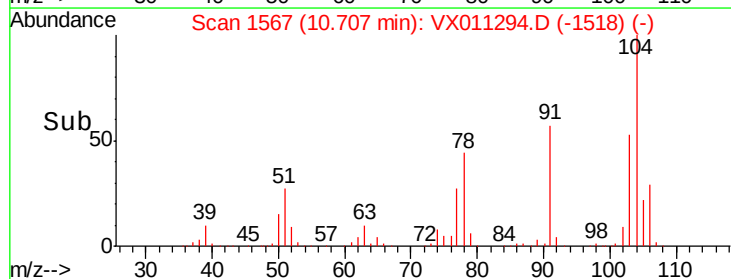
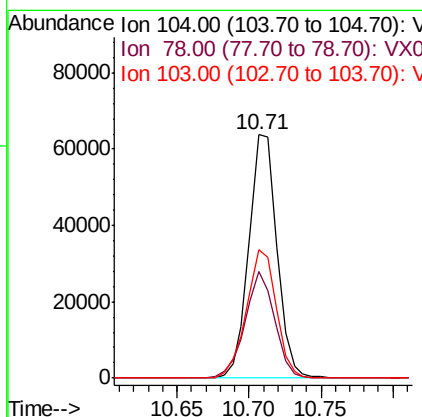
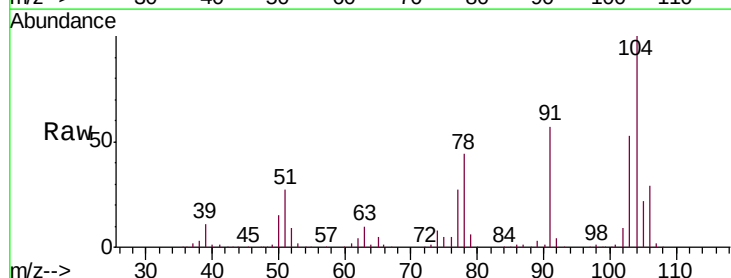
Instrument :
MSVOA_N
ClientSampled :
VX0802WBS01

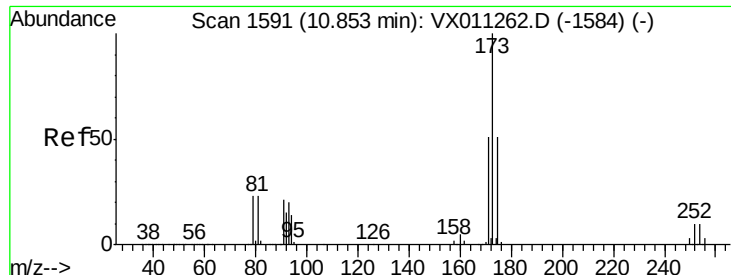
Tgt Ion:106 Resp: 51725
Ion Ratio Lower Upper
106 100
91 203.7 103.8 311.3



#70
Styrene
Concen: 18.278 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011294.D
Acq: 02 Aug 2019 11:03

Tgt Ion:104 Resp: 85786
Ion Ratio Lower Upper
104 100
78 46.0 36.9 55.3
103 56.2 44.4 66.6





#71

Bromoform

Concen: 17.118 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampleId :

VX0802WBS01

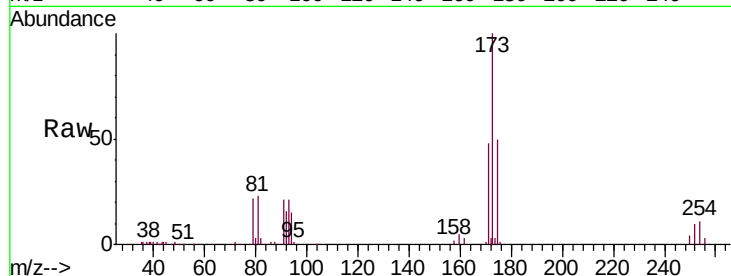
Tgt Ion:173 Resp: 20655

Ion Ratio Lower Upper

173 100

175 49.5 24.4 73.4

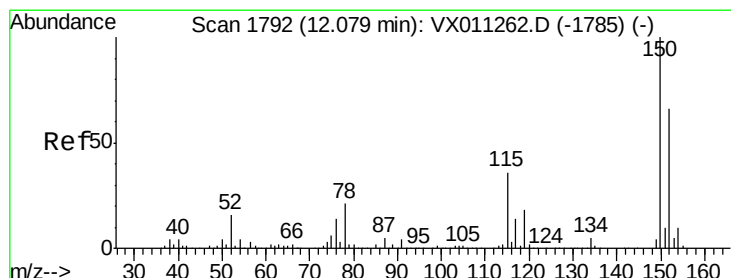
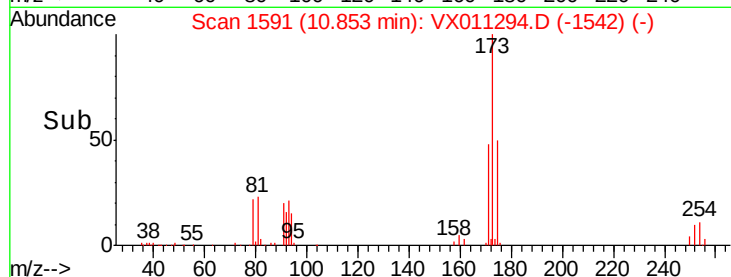
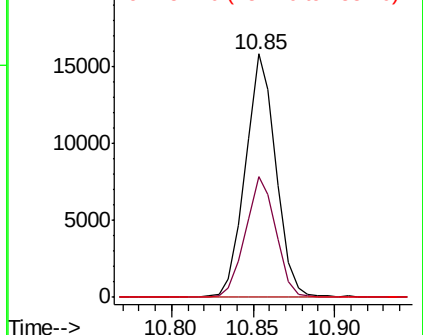
254 0.1 0.2 0.2#



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: VX011294.D

Acq: 02 Aug 2019 11:03

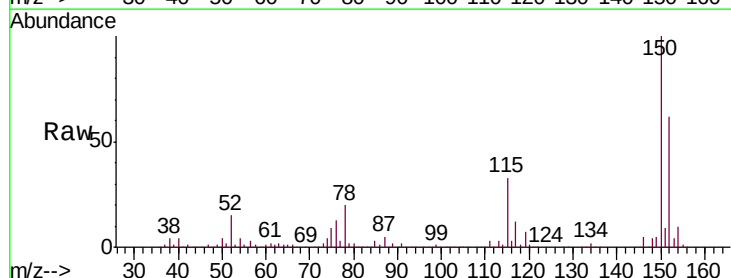
Tgt Ion:152 Resp: 105974

Ion Ratio Lower Upper

152 100

115 64.7 40.0 119.9

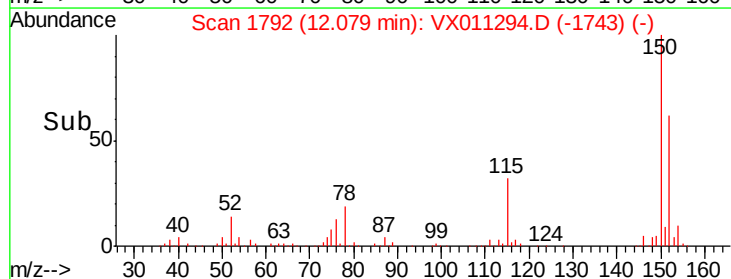
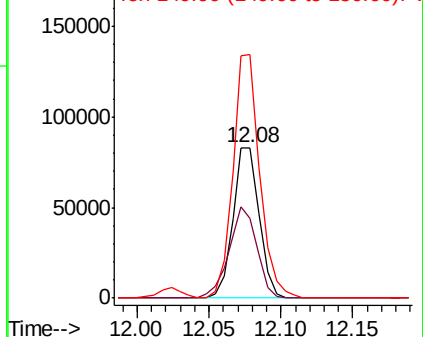
150 165.7 0.0 350.4

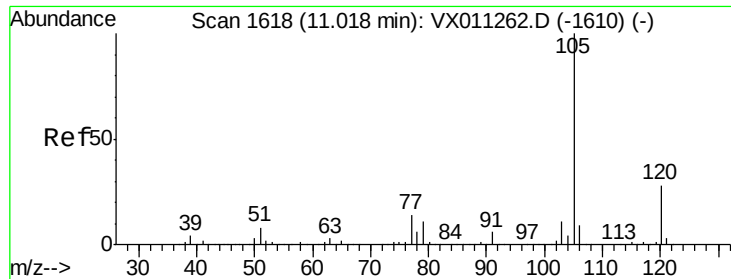


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

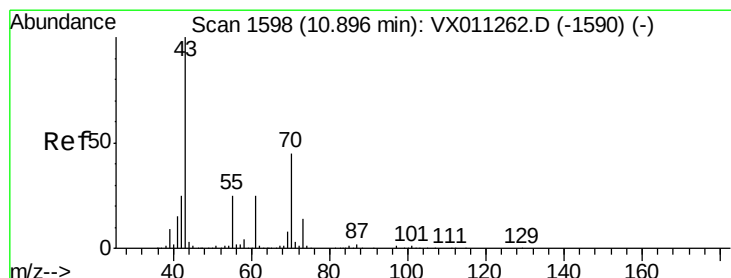
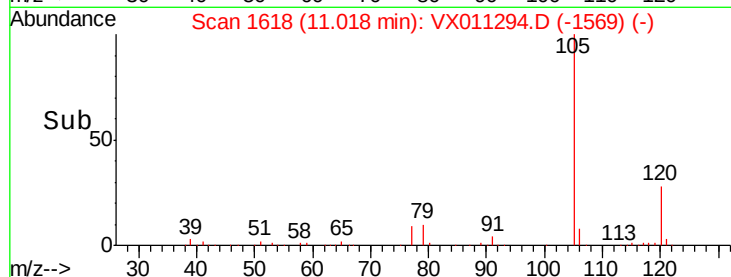
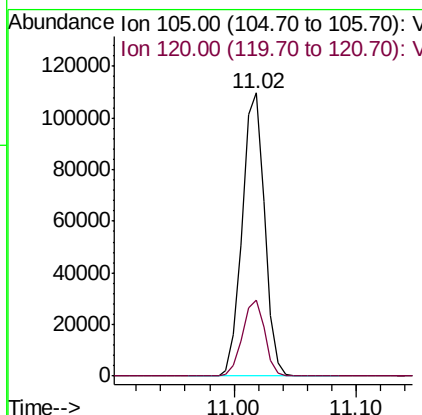
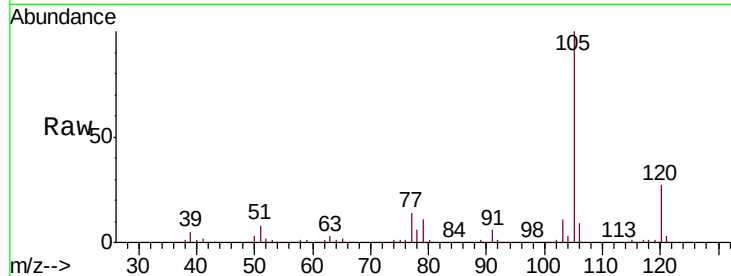




#73
Isopropylbenzene
Concen: 19.095 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX011294.D
Acq: 02 Aug 2019 11:03

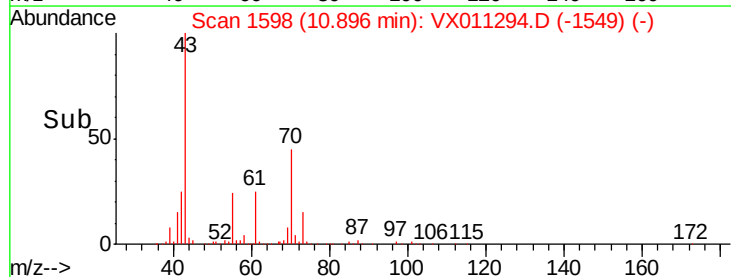
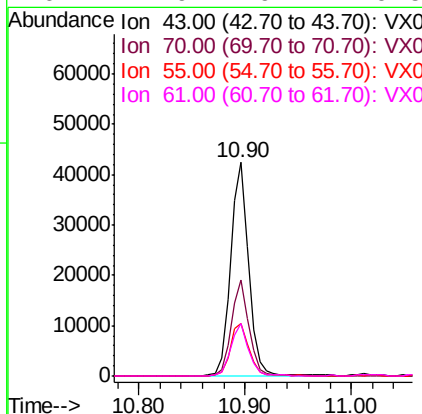
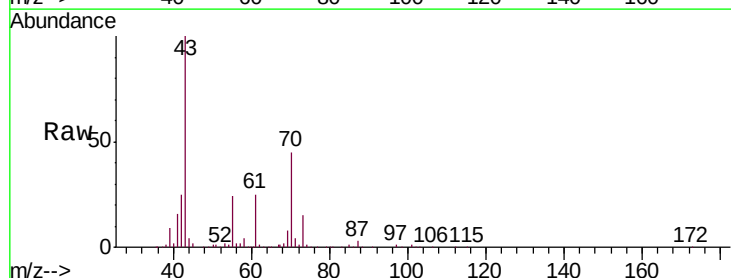
Instrument :
MSVOA_N
ClientSampleId :
VX0802WBS01

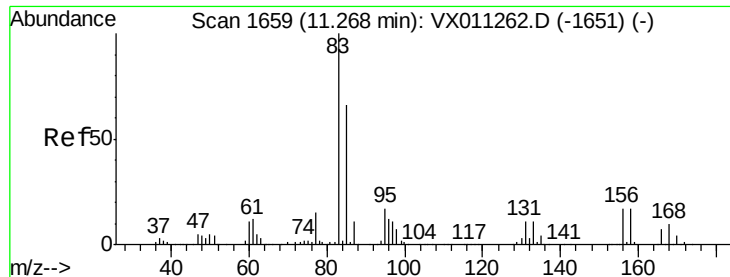
Tgt Ion: 105 Resp: 138399
Ion Ratio Lower Upper
105 100
120 26.8 13.7 41.1



#74
N-ethyl acetate
Concen: 19.076 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX011294.D
Acq: 02 Aug 2019 11:03

Tgt Ion: 43 Resp: 49959
Ion Ratio Lower Upper
43 100
70 44.4 35.9 53.9
55 25.3 19.8 29.6
61 24.9 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.351 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampled :

VX0802WBS01

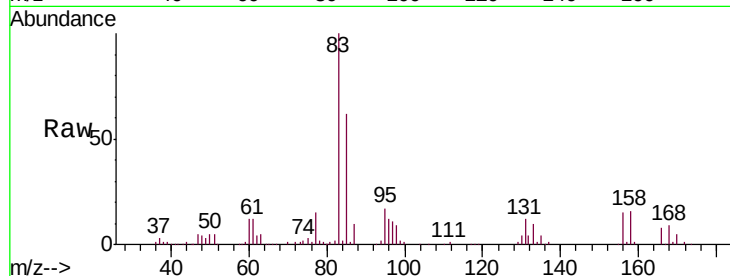
Tgt Ion: 83 Resp: 46740

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

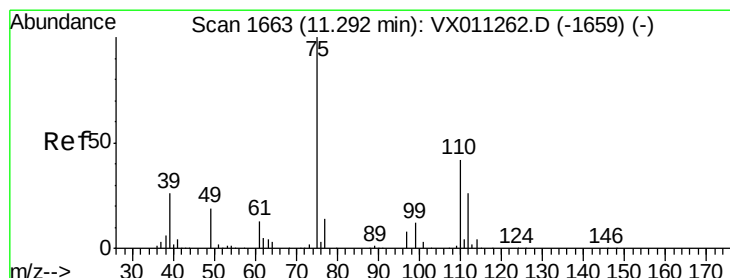
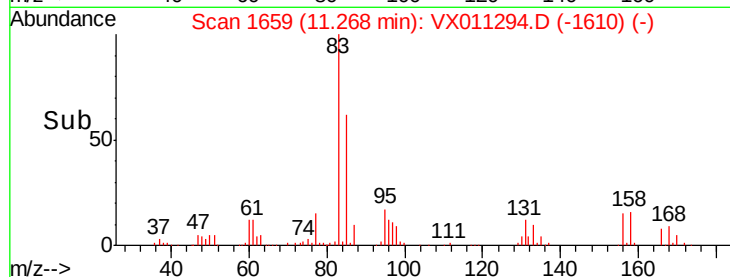
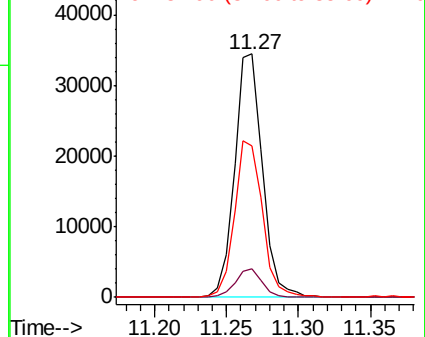
85 64.4 32.1 96.5



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: 24.521 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011294.D

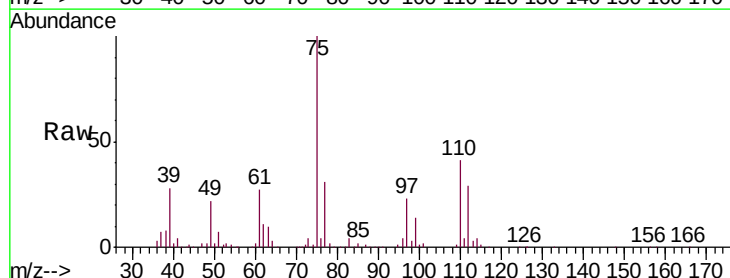
Acq: 02 Aug 2019 11:03

Tgt Ion: 75 Resp: 47324

Ion Ratio Lower Upper

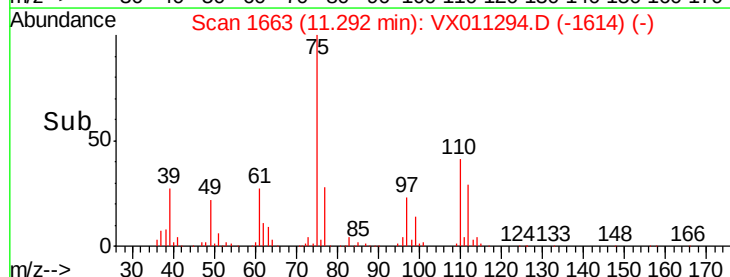
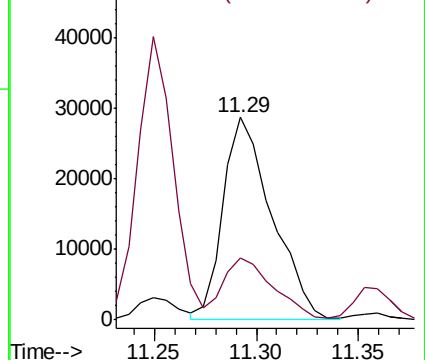
75 100

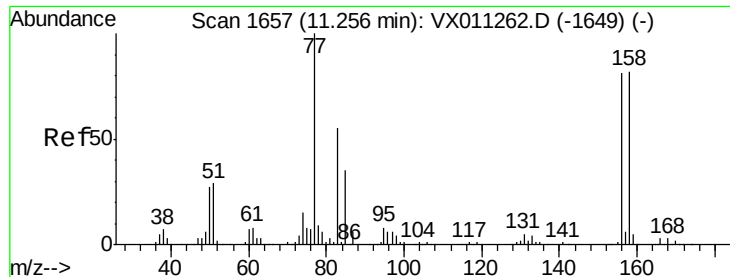
77 31.7 21.1 63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.953 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampled :

VX0802WBS01

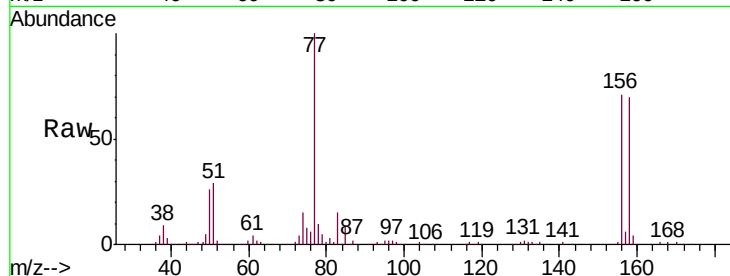
Tgt Ion:156 Resp: 38092

Ion Ratio Lower Upper

156 100

77 128.9 66.2 198.6

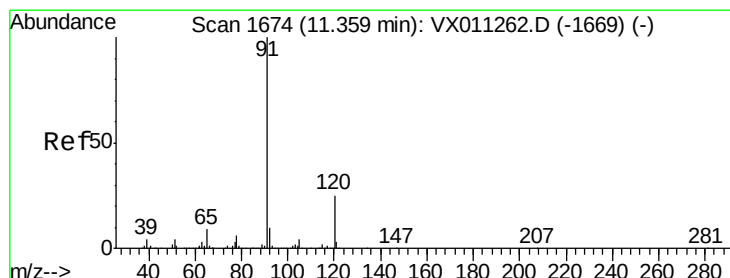
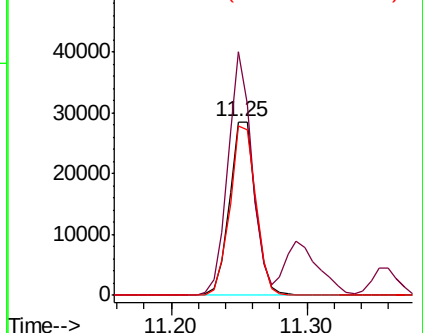
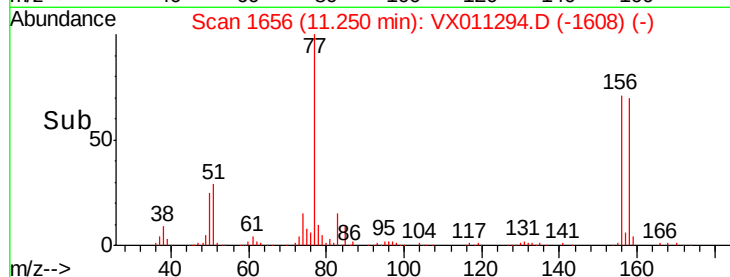
158 96.8 49.1 147.3



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: 19.044 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011294.D

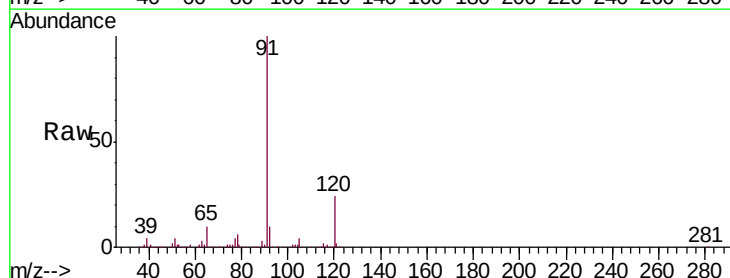
Acq: 02 Aug 2019 11:03

Tgt Ion: 91 Resp: 153494

Ion Ratio Lower Upper

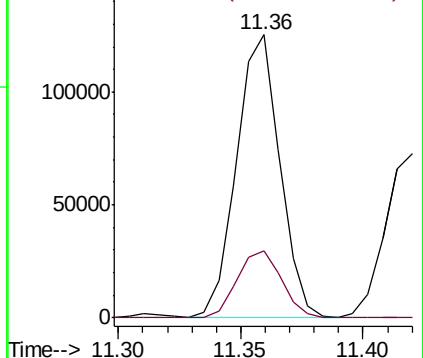
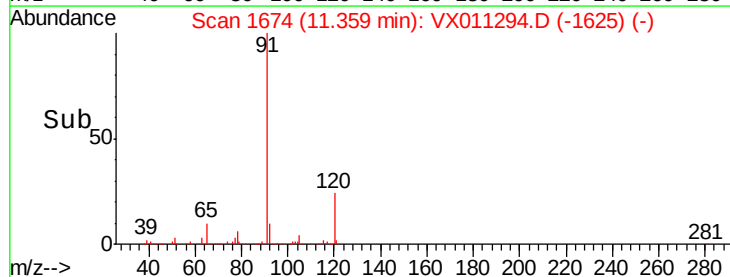
91 100

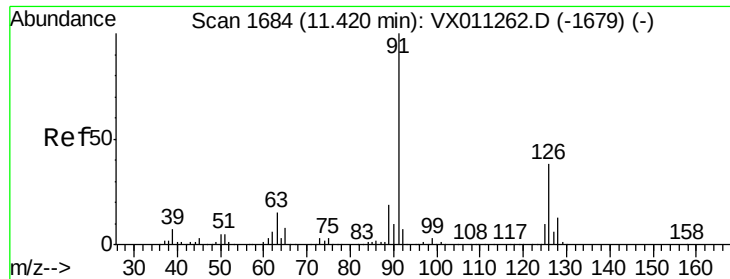
120 24.6 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.933 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampleId :

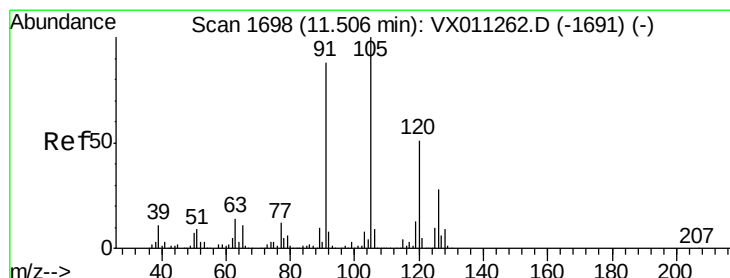
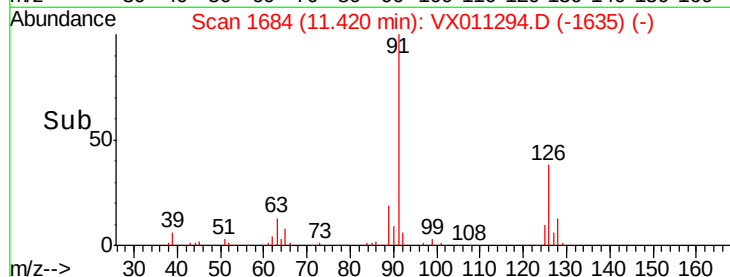
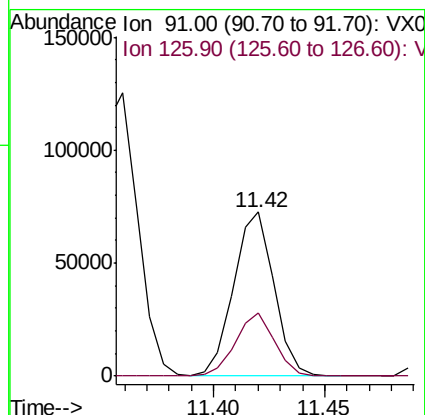
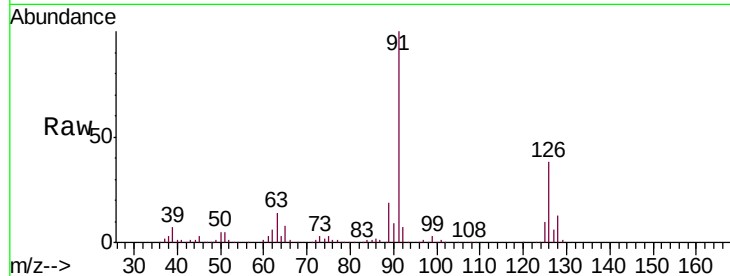
VX0802WBS01

Tgt Ion: 91 Resp: 90956

Ion Ratio Lower Upper

91 100

126 37.6 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 18.672 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011294.D

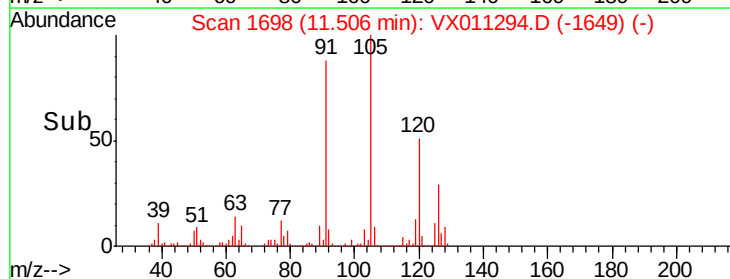
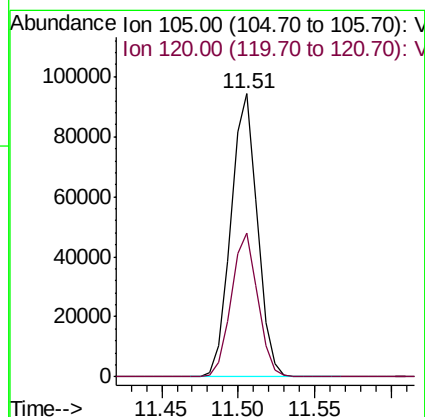
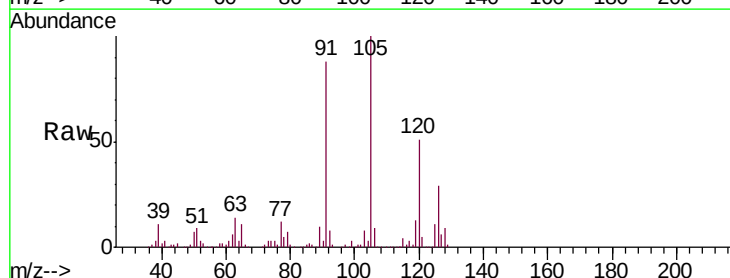
Acq: 02 Aug 2019 11:03

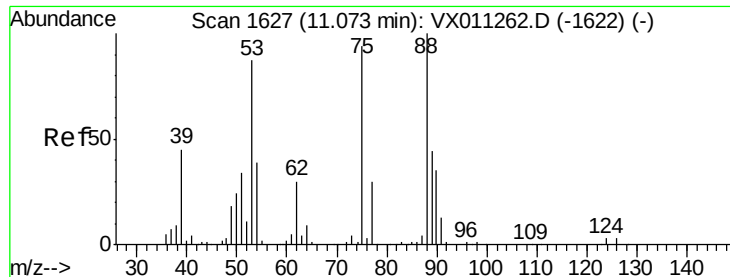
Tgt Ion: 105 Resp: 113287

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.269 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampleId :

VX0802WBS01

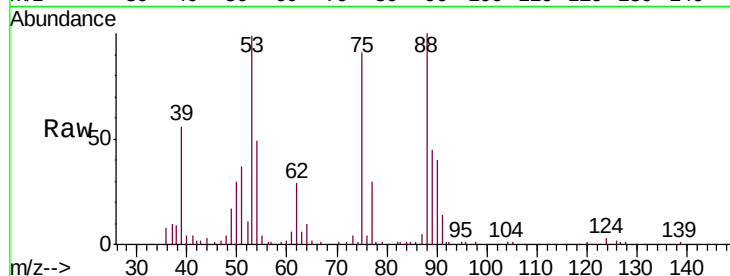
Tgt Ion: 75 Resp: 10920

Ion Ratio Lower Upper

75 100

53 111.7 78.2 117.4

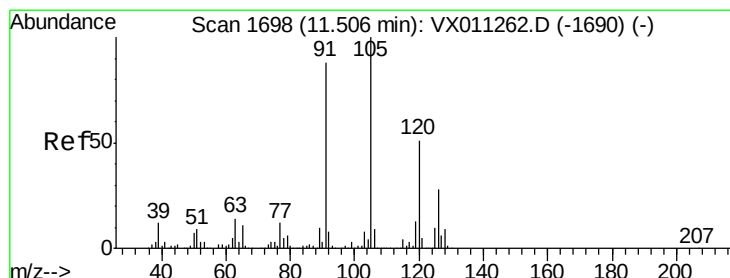
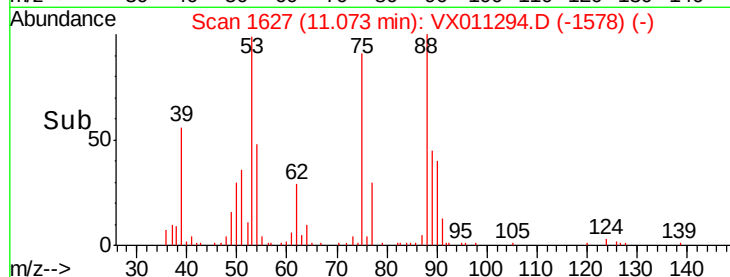
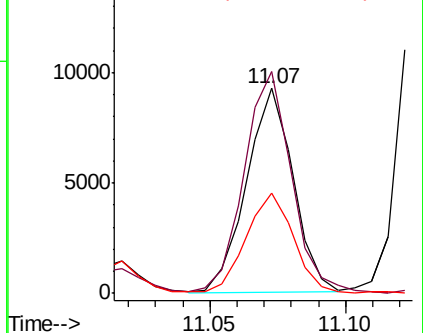
89 50.3 37.9 56.9



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: 18.407 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011294.D

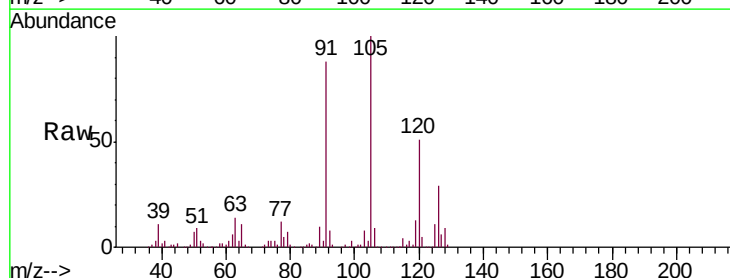
Acq: 02 Aug 2019 11:03

Tgt Ion: 91 Resp: 103056

Ion Ratio Lower Upper

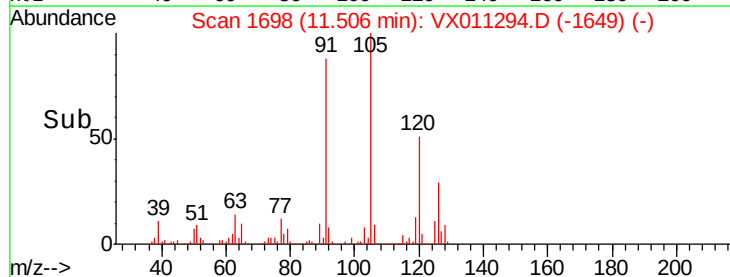
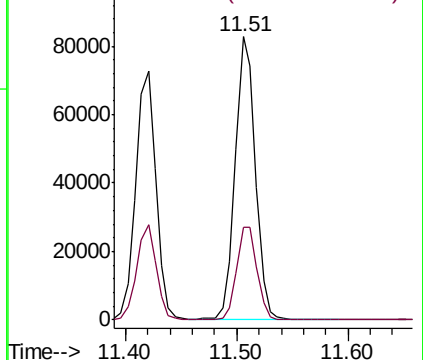
91 100

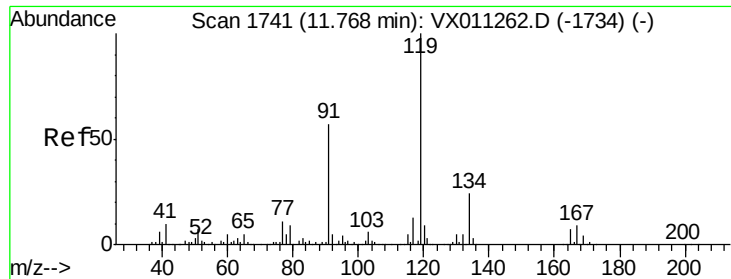
126 33.5 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

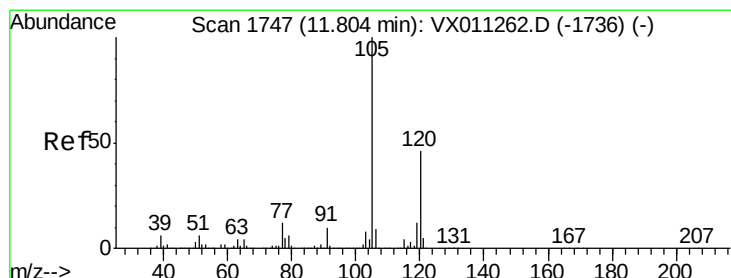
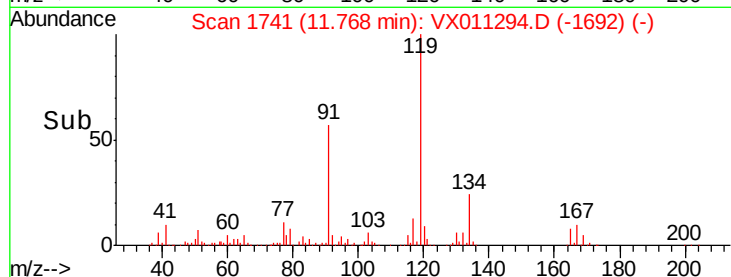
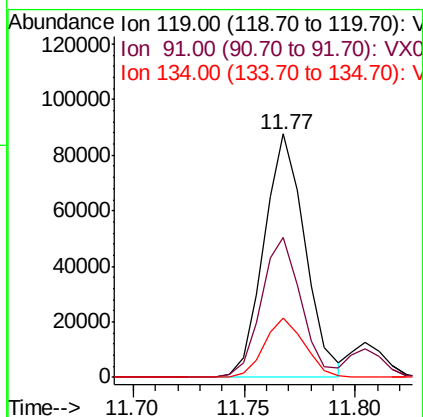
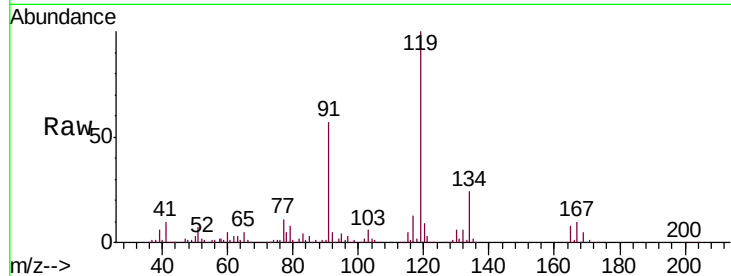




#83
 tert-Butylbenzene
 Concen: 18.858 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011294.D
 Acq: 02 Aug 2019 11:03

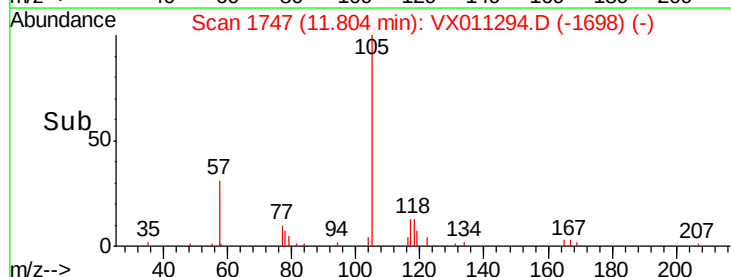
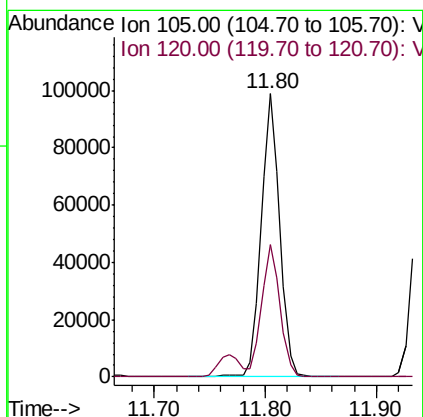
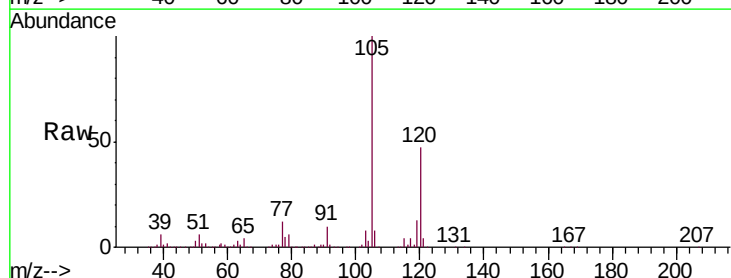
Instrument :
 MSVOA_N
 ClientSampled :
 VX0802WBS01

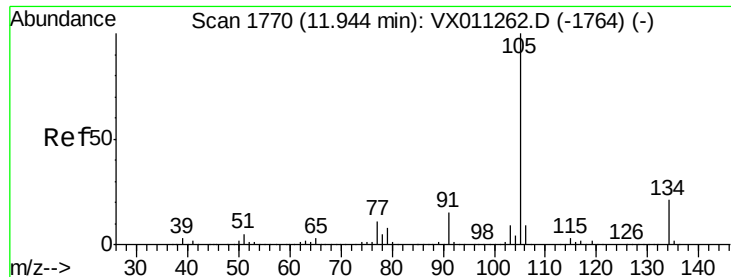
Tgt Ion:119 Resp: 112214
 Ion Ratio Lower Upper
 119 100
 91 56.2 28.0 84.0
 134 24.0 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.156 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011294.D
 Acq: 02 Aug 2019 11:03

Tgt Ion:105 Resp: 115714
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.0 69.0





#85

sec-Butylbenzene

Concen: 18.759 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

Instrument :

MSVOA_N

ClientSampleId :

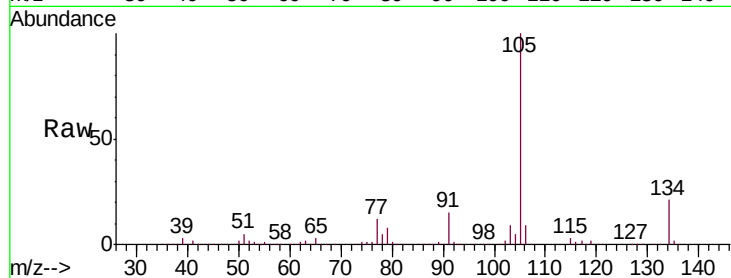
VX0802WBS01

Tgt Ion:105 Resp: 134113

Ion Ratio Lower Upper

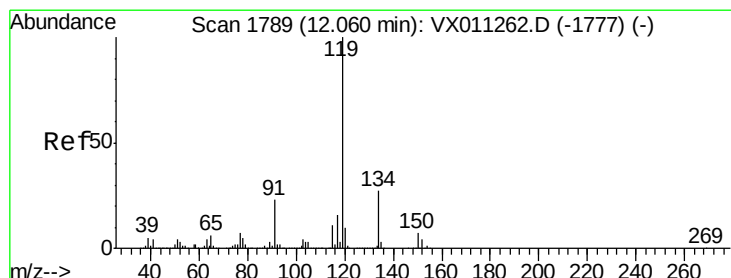
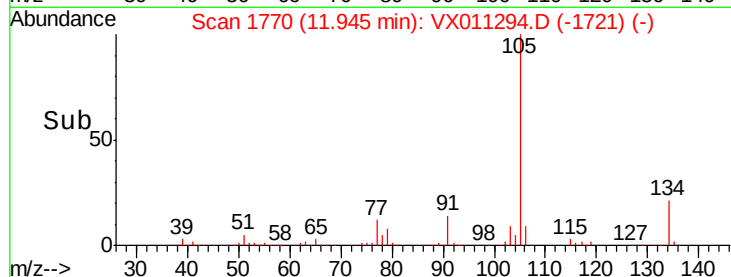
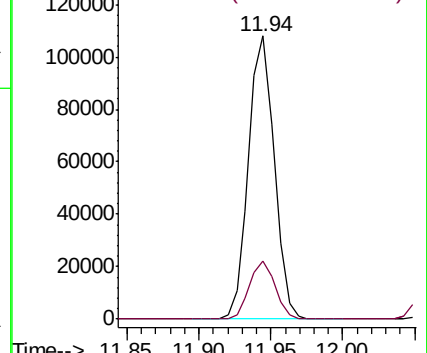
105 100

134 20.7 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: 18.902 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011294.D

Acq: 02 Aug 2019 11:03

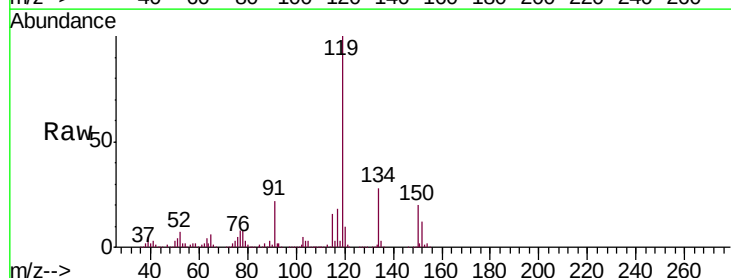
Tgt Ion:119 Resp: 124325

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.0

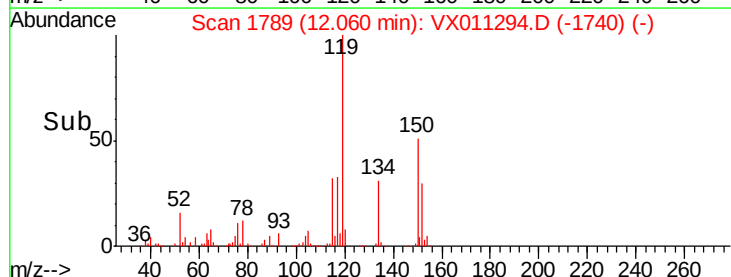
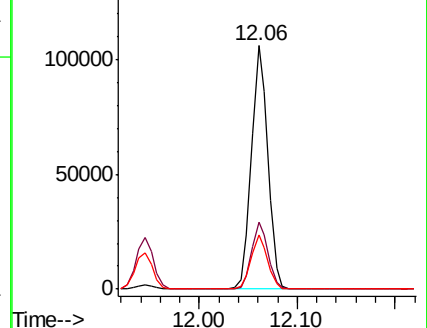
91 22.4 11.4 34.2

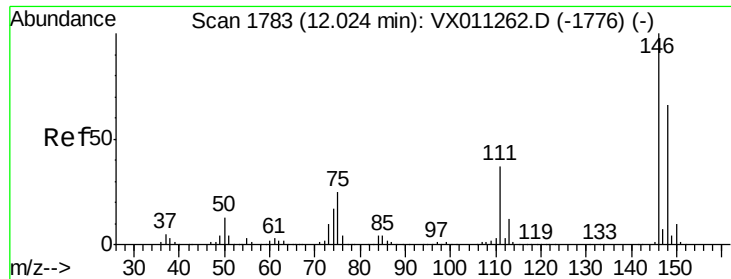


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

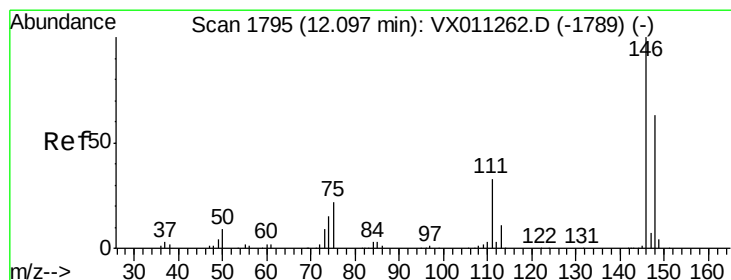
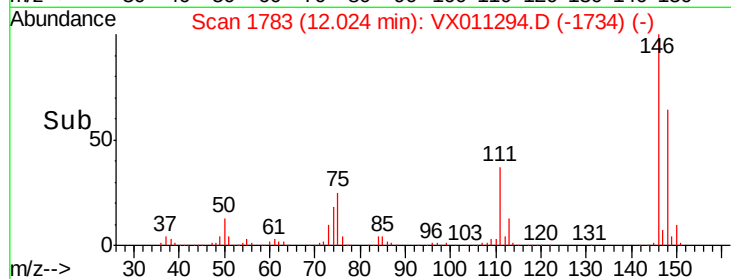
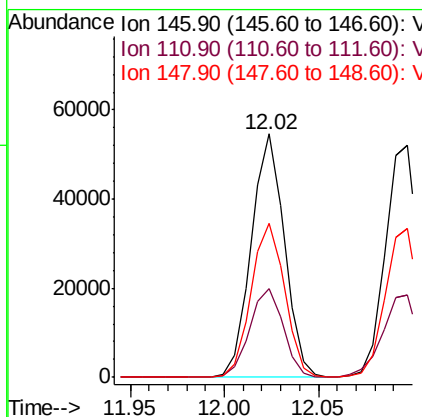
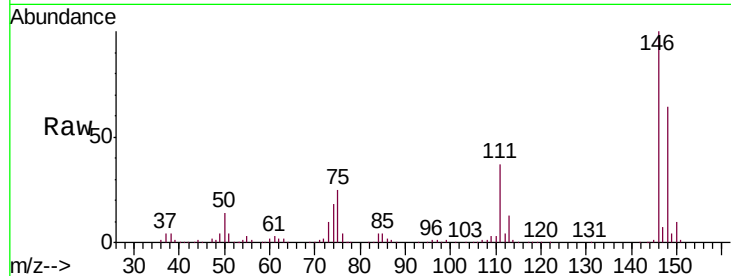




#87
 1,3-Dichlorobenzene
 Concen: 18.745 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011294.D
 Acq: 02 Aug 2019 11:03

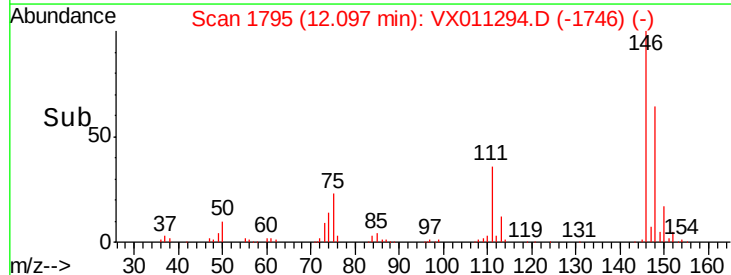
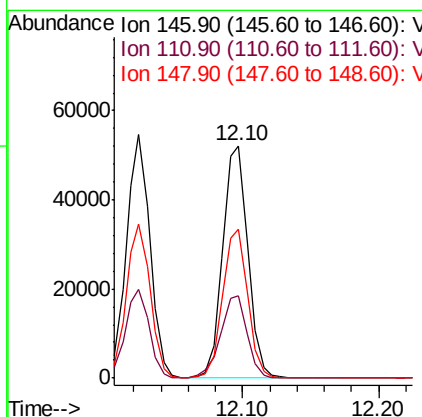
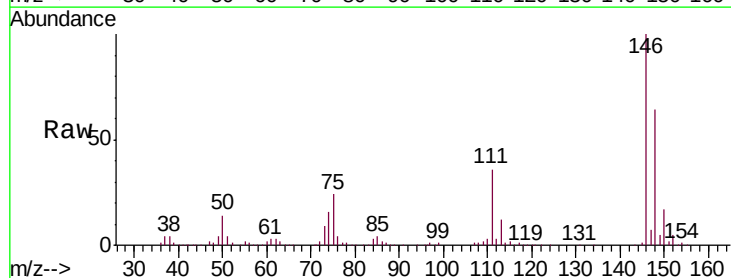
Instrument :
 MSVOA_N
 ClientSampleId :
 VX0802WBS01

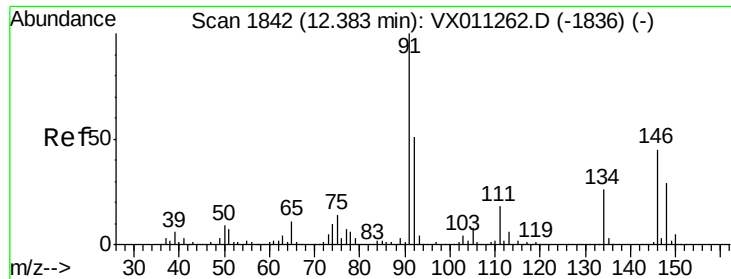
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.6	55.8
148	64.3	32.5	97.5



#88
 1,4-Dichlorobenzene
 Concen: 18.222 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011294.D
 Acq: 02 Aug 2019 11:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	17.8	53.4
148	64.1	31.8	95.3

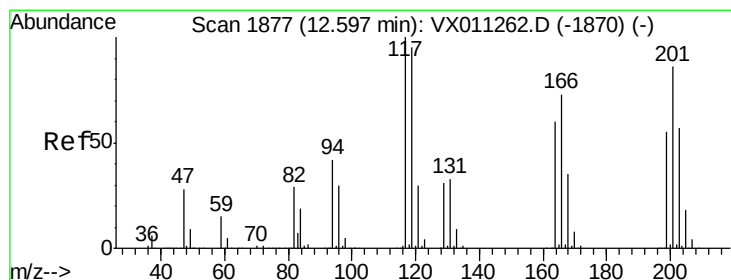
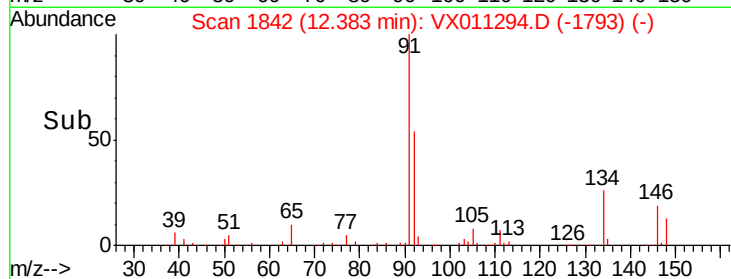
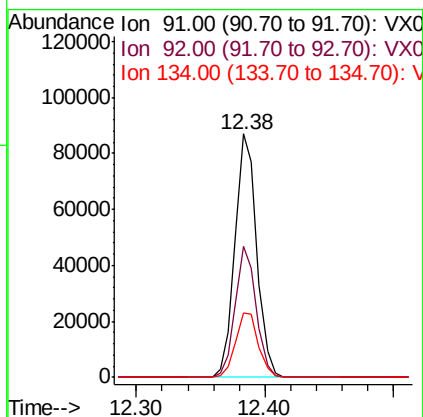
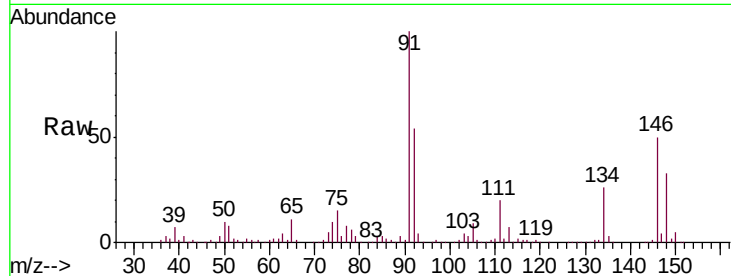




#89
n-Butylbenzene
Concen: 18.190 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011294.D
Acq: 02 Aug 2019 11:03

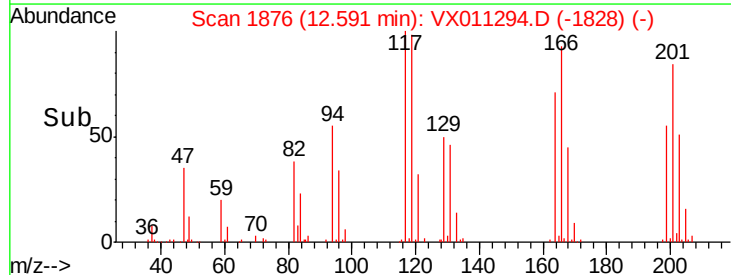
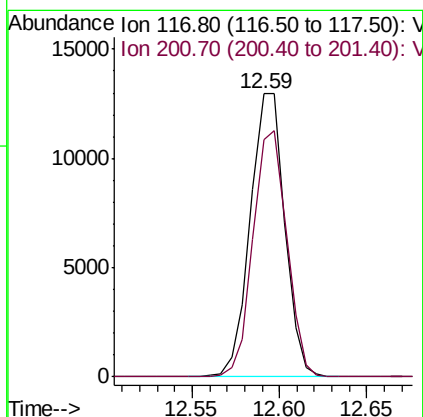
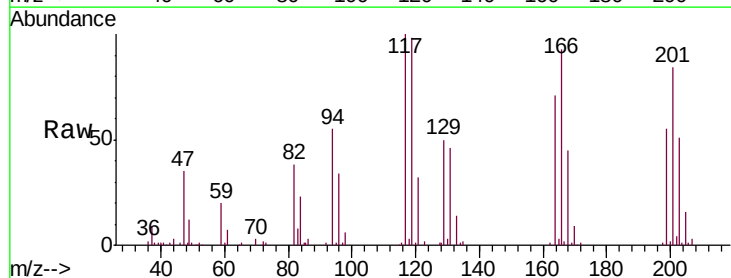
Instrument :
MSVOA_N
ClientSampleId :
VX0802WBS01

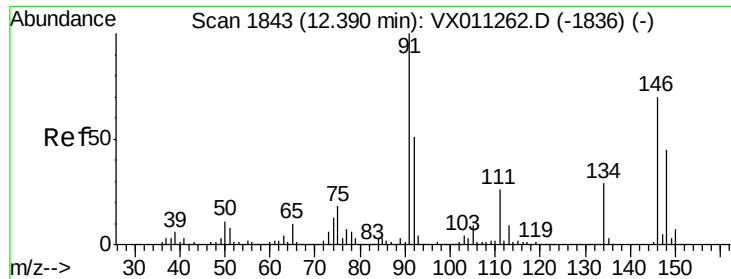
Tgt Ion: 91 Resp: 103074
Ion Ratio Lower Upper
91 100
92 52.1 25.8 77.3
134 27.7 13.7 41.0



#90
Hexachloroethane
Concen: 18.357 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011294.D
Acq: 02 Aug 2019 11:03

Tgt Ion: 117 Resp: 17850
Ion Ratio Lower Upper
117 100
201 85.0 41.8 125.4

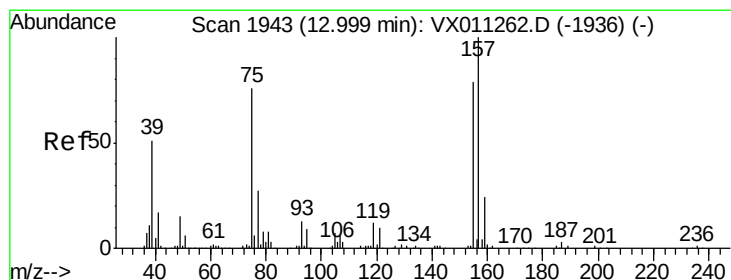
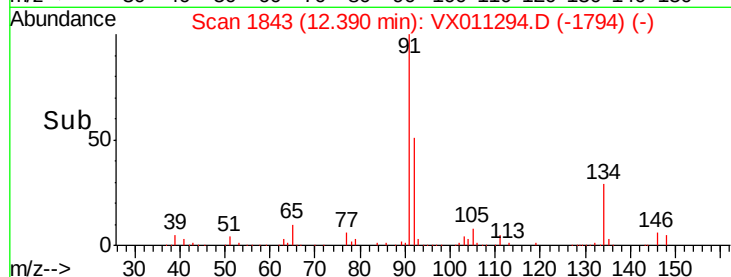
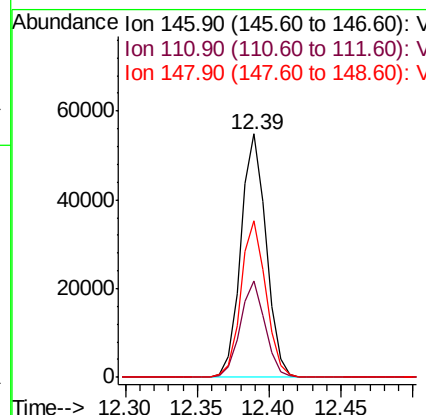
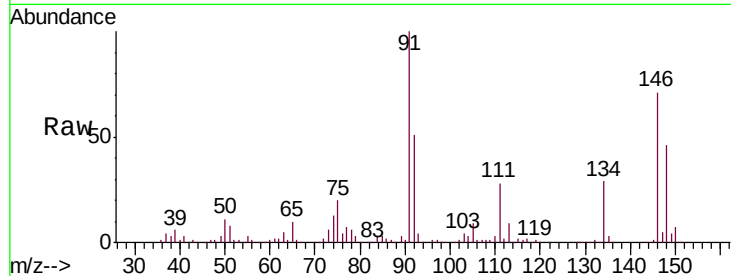




#91
 1,2-Dichlorobenzene
 Concen: 18.843 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011294.D
 Acq: 02 Aug 2019 11:03

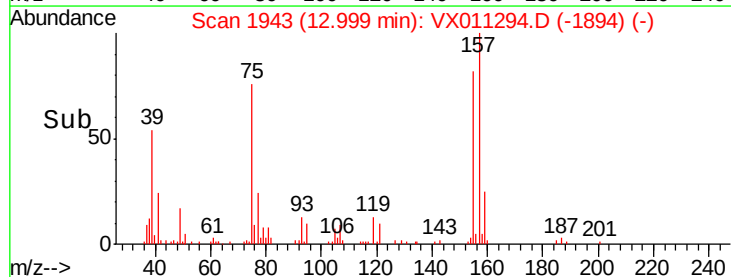
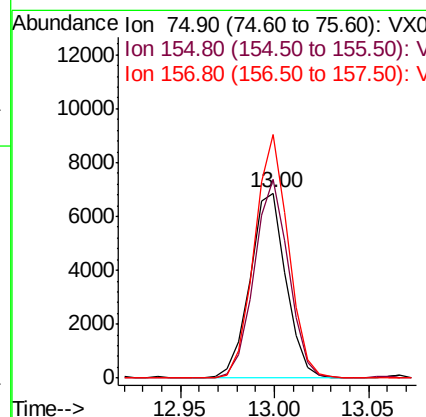
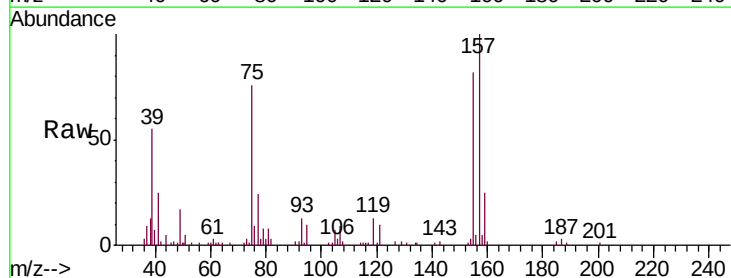
Instrument :
 MSVOA_N
 ClientSampleId :
 VX0802WBS01

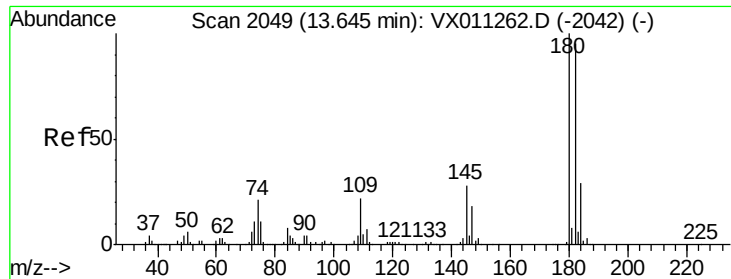
Tgt Ion: 146 Resp: 67233
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.1 57.1
 148 63.6 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.369 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011294.D
 Acq: 02 Aug 2019 11:03

Tgt Ion: 75 Resp: 9064
 Ion Ratio Lower Upper
 75 100
 155 102.7 51.9 155.8
 157 123.8 64.3 192.7

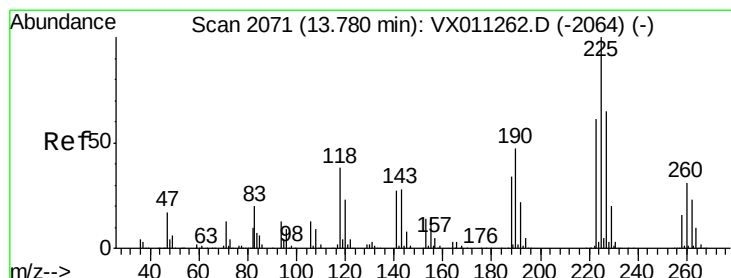
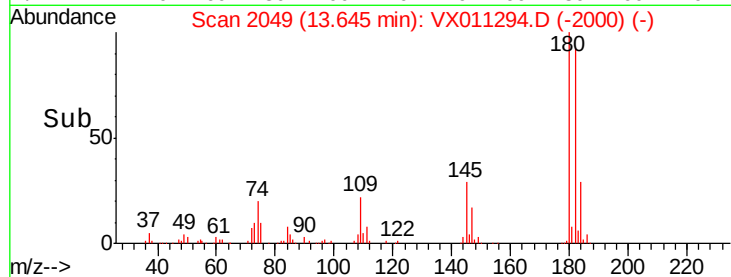
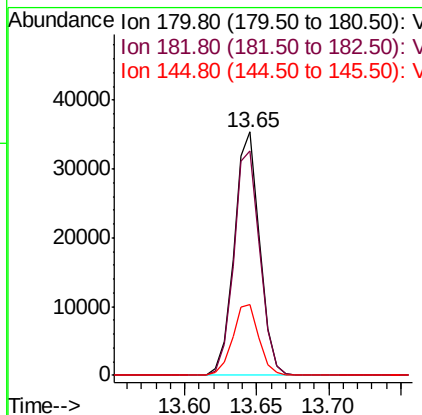
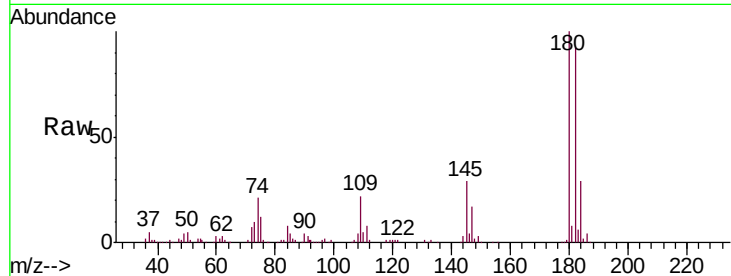




#93
 1,2,4-Trichlorobenzene
 Concen: 18.469 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011294.D
 Acq: 02 Aug 2019 11:03

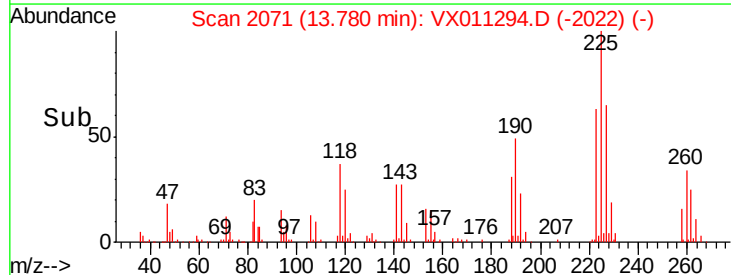
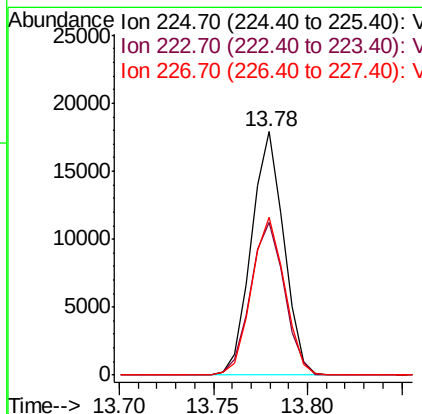
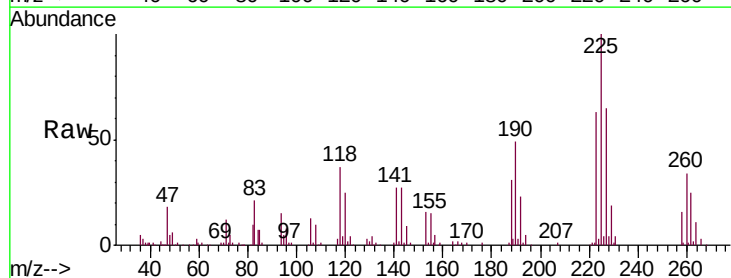
Instrument :
 MSVOA_N
 ClientSampleId :
 VX0802WBS01

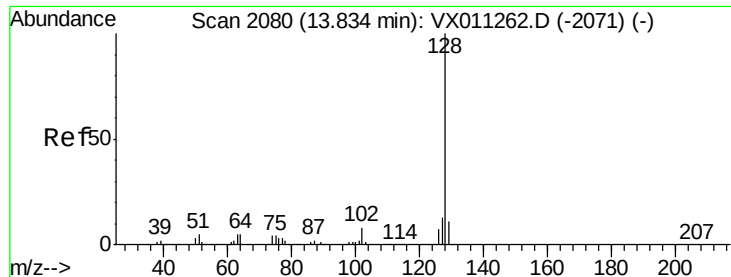
Tgt Ion:180 Resp: 43704
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.8 143.4
 145 29.9 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 17.803 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011294.D
 Acq: 02 Aug 2019 11:03

Tgt Ion:225 Resp: 21373
 Ion Ratio Lower Upper
 225 100
 223 65.7 31.0 93.0
 227 66.3 32.2 96.6

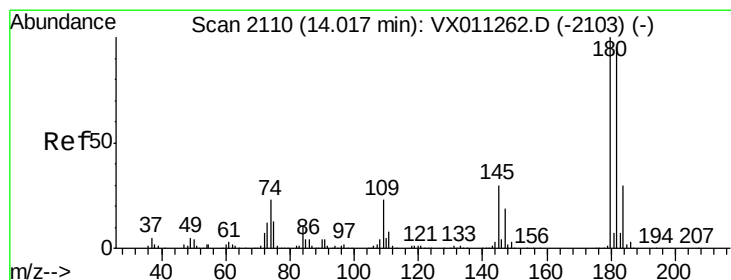
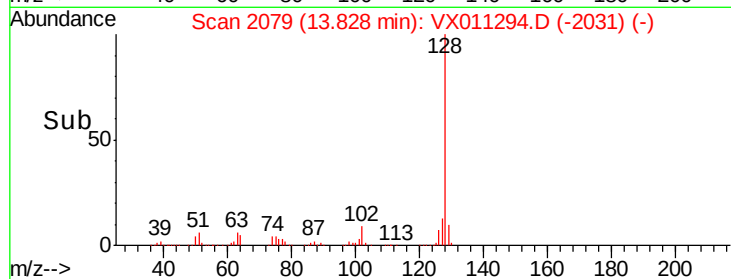
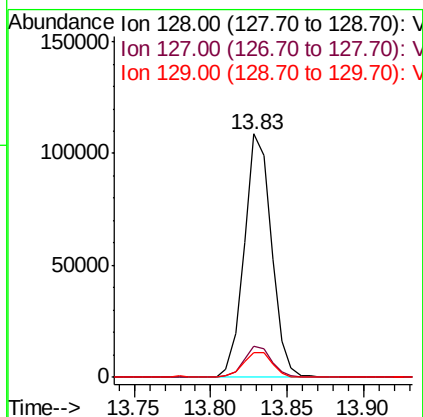
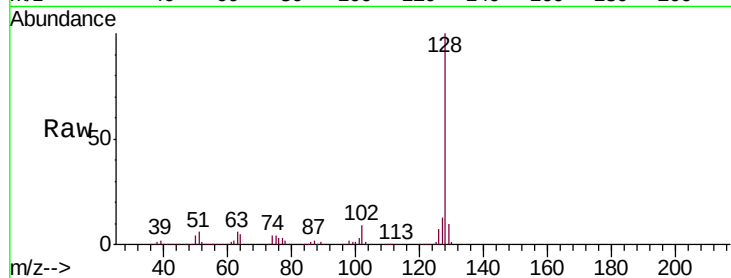




#95
Naphthalene
Concen: 19.389 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011294.D
Acq: 02 Aug 2019 11:03

Instrument :
MSVOA_N
ClientSampleId :
VX0802WBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.0	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.237 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011294.D
Acq: 02 Aug 2019 11:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.4	142.3
145	30.4	15.2	45.6

