

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080919\
 Data File : VX011401.D
 Acq On : 09 Aug 2019 11:48
 Operator : JC/SP
 Sample : VX0809WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

Quant Time: Aug 10 23:56:45 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	174056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	251545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	233620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122403	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	86573	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
35) Dibromofluoromethane	5.49	113	76699	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
50) Toluene-d8	8.71	98	281601	45.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.86%	
62) 4-Bromofluorobenzene	11.13	95	103566	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	21008	15.627	ug/l	98
3) Chloromethane	1.32	50	23352	15.469	ug/l	100
4) Vinyl Chloride	1.40	62	25553	15.388	ug/l	98
5) Bromomethane	1.63	94	18471	15.597	ug/l	100
6) Chloroethane	1.71	64	16538	14.212	ug/l	96
7) Trichlorofluoromethane	1.92	101	46854	15.869	ug/l	96
8) Diethyl Ether	2.18	74	16577	15.723	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	26315	16.472	ug/l	98
10) Methyl Iodide	2.50	142	28054	13.929	ug/l	98
11) Tert butyl alcohol	3.03	59	29203	83.565	ug/l	98
12) 1,1-Dichloroethene	2.37	96	25001	15.787	ug/l	89
13) Acrolein	2.29	56	13956	63.934	ug/l	96
14) Allyl chloride	2.72	41	37133	17.589	ug/l	96
15) Acrylonitrile	3.13	53	72633	87.080	ug/l	99
16) Acetone	2.43	43	65285	78.250	ug/l	97
17) Carbon Disulfide	2.56	76	55253	14.868	ug/l	99
18) Methyl Acetate	2.76	43	33655	17.651	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	80246	17.195	ug/l	100
20) Methylene Chloride	2.85	84	28548	15.624	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	26362	15.737	ug/l	94
22) Diisopropyl ether	3.84	45	79153	17.059	ug/l	92
23) Vinyl Acetate	3.81	43	336597	87.462	ug/l	99
24) 1,1-Dichloroethane	3.69	63	46105	16.851	ug/l	99
25) 2-Butanone	4.66	43	99002	83.418	ug/l	96
26) 2,2-Dichloropropane	4.57	77	35733	16.801	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	31226	16.183	ug/l	98
28) Bromochloromethane	5.01	49	23801	19.082	ug/l	91
29) Tetrahydrofuran	5.12	42	61326	84.274	ug/l	98
30) Chloroform	5.20	83	51181	17.211	ug/l	95
31) Cyclohexane	5.57	56	35044	15.525	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	43234	16.972	ug/l	97
36) 1,1-Dichloropropene	5.79	75	35980	16.383	ug/l	98
37) Ethyl Acetate	4.82	43	36427	16.535	ug/l	100
38) Carbon Tetrachloride	5.77	117	37718	17.070	ug/l	99

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 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)
39) Methylcyclohexane	7.46	83	40190	15.438	ug/l	98
40) Benzene	6.13	78	108553	16.564	ug/l	99
41) Methacrylonitrile	5.04	41	19814	16.469	ug/l	95
42) 1,2-Dichloroethane	6.18	62	39788	17.954	ug/l	97
43) Isopropyl Acetate	6.44	43	58799	16.695	ug/l	99
44) Trichloroethene	7.21	130	31247	15.752	ug/l	93
45) 1,2-Dichloropropane	7.51	63	28975	17.071	ug/l	94
46) Dibromomethane	7.65	93	20613	16.636	ug/l	96
47) Bromodichloromethane	7.89	83	36104	17.210	ug/l	100
48) Methyl methacrylate	7.76	41	28638	17.278	ug/l	98
49) 1,4-Dioxane	7.74	88	15363	319.709	ug/l	88
51) 4-Methyl-2-Pentanone	8.63	43	199028	87.562	ug/l	100
52) Toluene	8.78	92	72800	16.801	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	36361	16.877	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	41647	16.995	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	30584	17.167	ug/l	98
56) Ethyl methacrylate	9.17	69	42717	16.825	ug/l	98
57) 1,3-Dichloropropane	9.37	76	47821	16.972	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	117994	94.521	ug/l	99
59) 2-Hexanone	9.49	43	153224	87.030	ug/l	98
60) Dibromochloromethane	9.58	129	30020	16.458	ug/l	99
61) 1,2-Dibromoethane	9.67	107	32002	16.626	ug/l	98
64) Tetrachloroethene	9.33	164	33063	16.665	ug/l	95
65) Chlorobenzene	10.13	112	81397	16.250	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	29583	17.251	ug/l	99
67) Ethyl Benzene	10.25	91	138311	16.487	ug/l	99
68) m/p-Xylenes	10.35	106	106817	32.919	ug/l	97
69) o-Xylene	10.69	106	51832	16.257	ug/l	98
70) Styrene	10.71	104	87489	16.585	ug/l	99
71) Bromoform	10.85	173	21780	16.235	ug/l #	100
73) Isopropylbenzene	11.02	105	141521	16.905	ug/l	99
74) N-amyl acetate	10.90	43	52065	17.212	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	47168	16.907	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	48163	21.606	ug/l	84
77) Bromobenzene	11.25	156	37764	16.268	ug/l	94
78) n-propylbenzene	11.35	91	156356	16.795	ug/l	99
79) 2-Chlorotoluene	11.42	91	93521	16.854	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	119319	17.027	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	11360	16.904	ug/l	89
82) 4-Chlorotoluene	11.51	91	108702	16.809	ug/l	98
83) tert-Butylbenzene	11.77	119	116393	16.935	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	120915	17.330	ug/l	100
85) sec-Butylbenzene	11.94	105	138060	16.719	ug/l	100
86) p-Isopropyltoluene	12.06	119	126897	16.704	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	68524	16.706	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	70059	16.564	ug/l	98
89) n-Butylbenzene	12.38	91	106002	16.196	ug/l	100
90) Hexachloroethane	12.59	117	18823	16.759	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	69416	16.843	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9148	16.925	ug/l	94

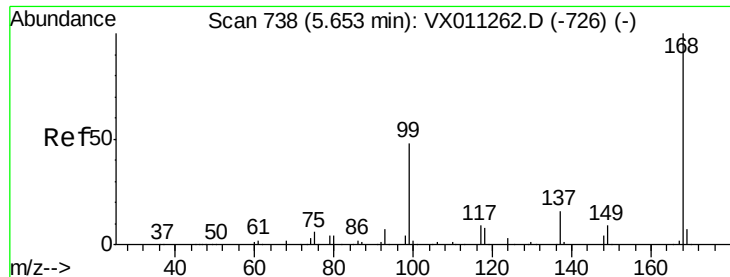
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080919\
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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	45161	16.524	ug/l	99
94) Hexachlorobutadiene	13.78	225	23411	16.883	ug/l	97
95) Naphthalene	13.83	128	133425	16.693	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	44369	15.968	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

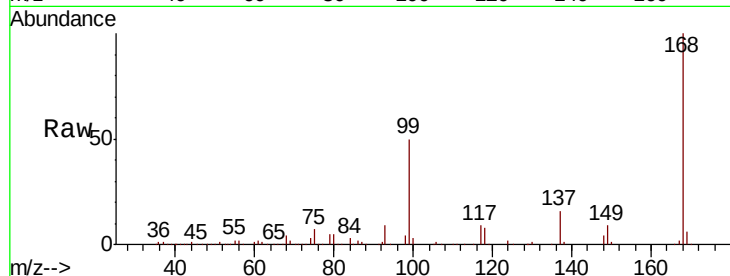
VX0809WBS01

Tgt Ion:168 Resp: 174056

Ion Ratio Lower Upper

168 100

99 50.3 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

40000

20000

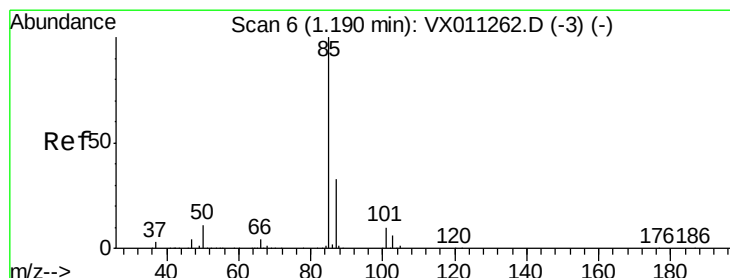
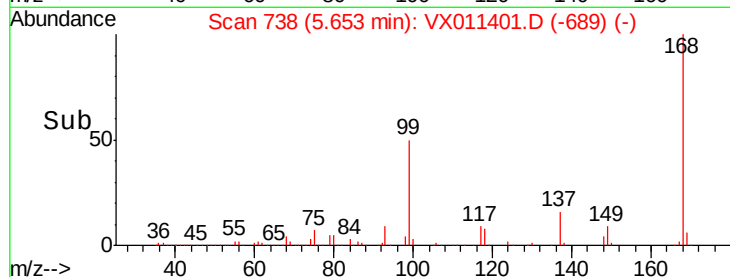
0

Time-->

5.50

5.60

5.70



#2

Dichlorodifluoromethane

Concen: 15.627 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011401.D

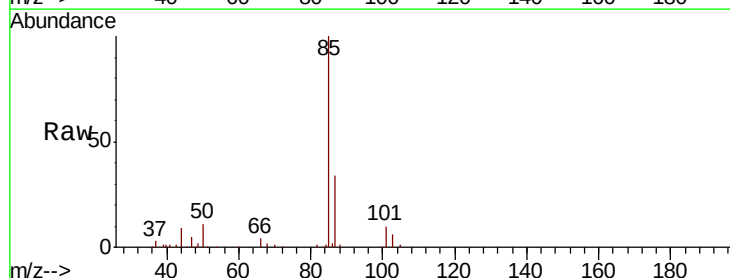
Acq: 09 Aug 2019 11:48

Tgt Ion: 85 Resp: 21008

Ion Ratio Lower Upper

85 100

87 33.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

25000

20000

15000

10000

5000

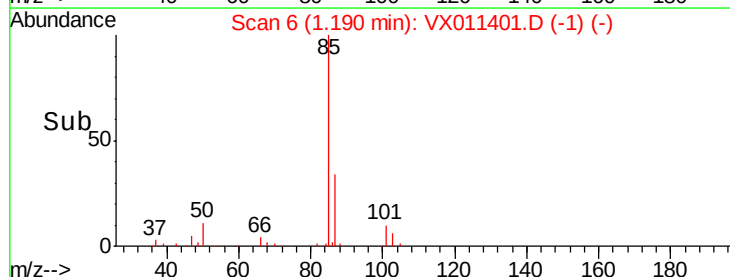
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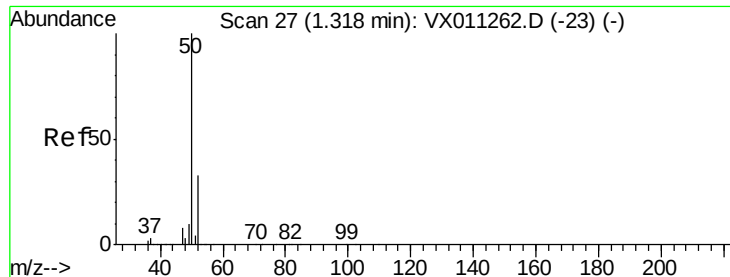
Time-->

1.15

1.20

1.25





#3

Chloromethane

Concen: 15.469 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

Instrument :

MSVOA_X

ClientSampled :

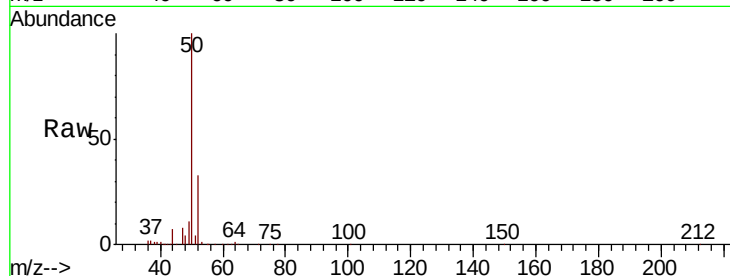
VX0809WBS01

Tgt Ion: 50 Resp: 23352

Ion Ratio Lower Upper

50 100

52 33.3 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

25000

20000

15000

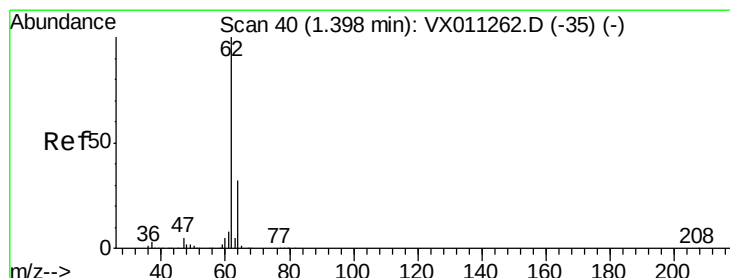
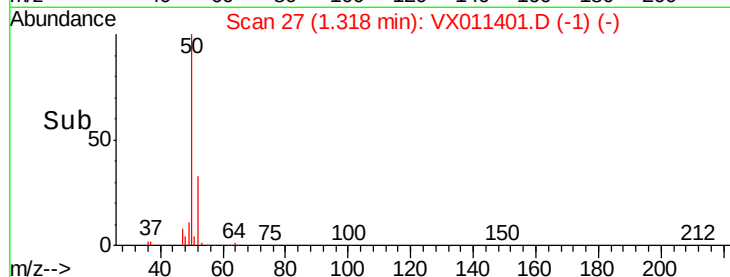
10000

5000

0

Time-->

1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 15.388 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011401.D

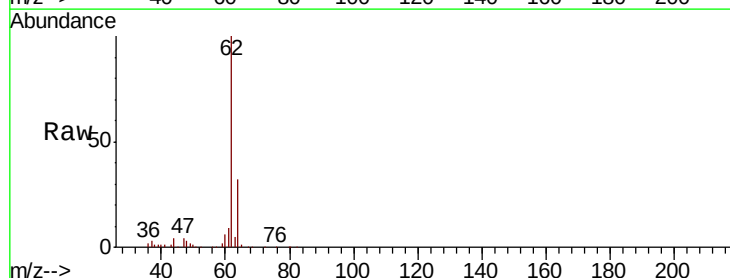
Acq: 09 Aug 2019 11:48

Tgt Ion: 62 Resp: 25553

Ion Ratio Lower Upper

62 100

64 31.4 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

25000

20000

15000

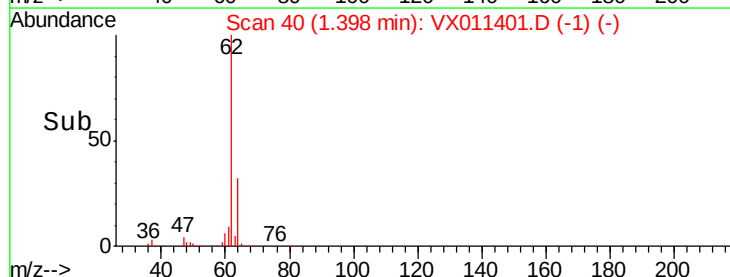
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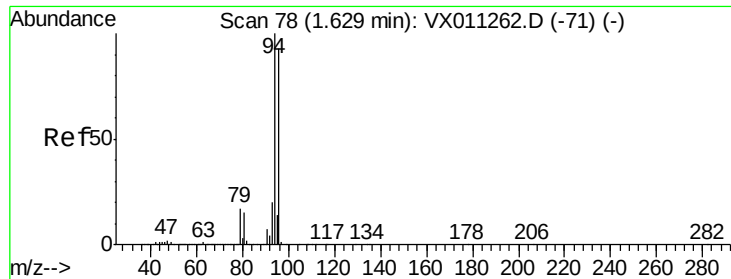
5000

0

Time-->

1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 15.597 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

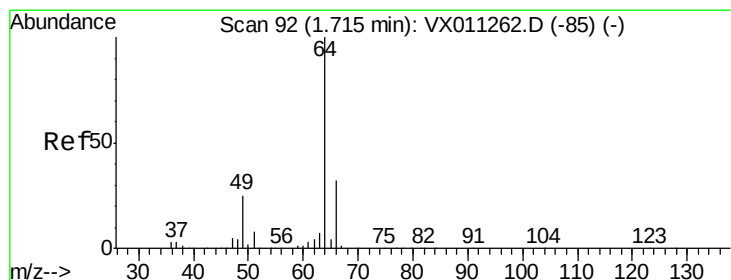
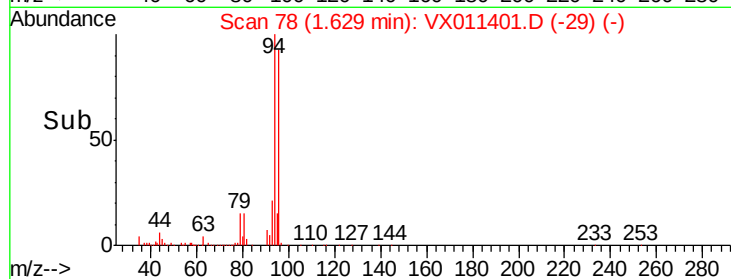
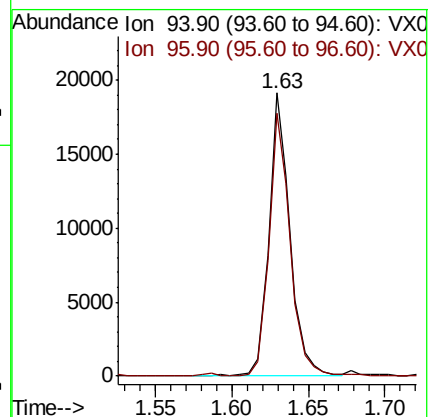
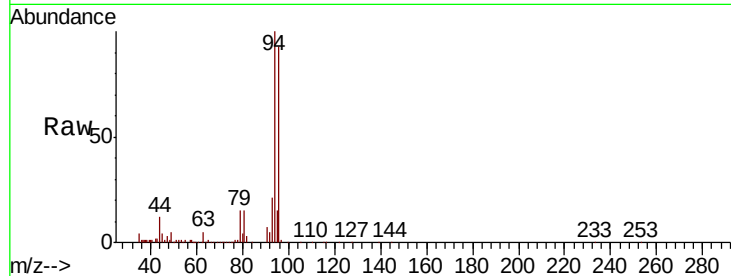
VX0809WBS01

Tgt Ion: 94 Resp: 18471

Ion Ratio Lower Upper

94 100

96 93.0 74.6 112.0



#6

Chloroethane

Concen: 14.212 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011401.D

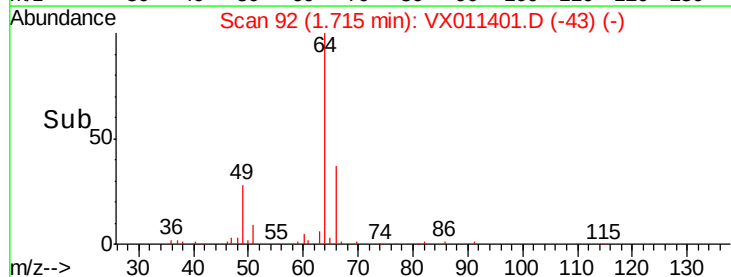
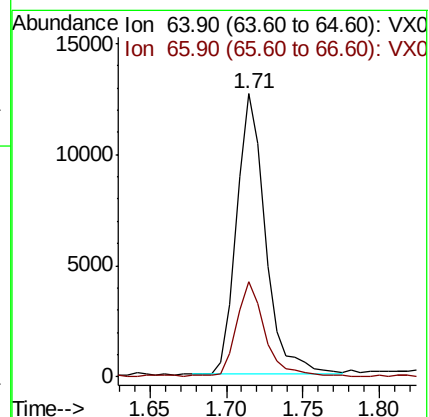
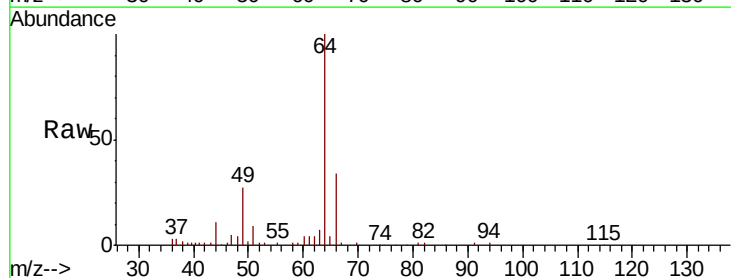
Acq: 09 Aug 2019 11:48

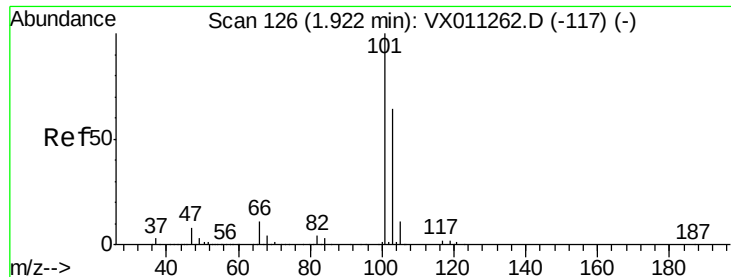
Tgt Ion: 64 Resp: 16538

Ion Ratio Lower Upper

64 100

66 33.5 25.1 37.7



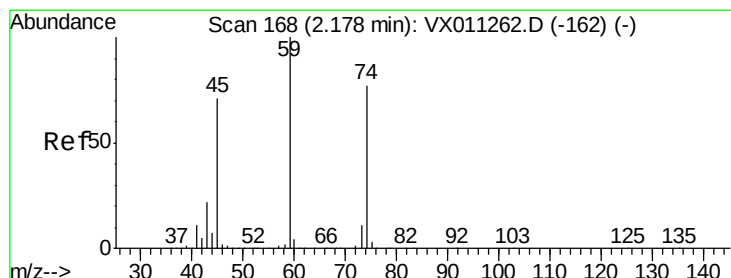
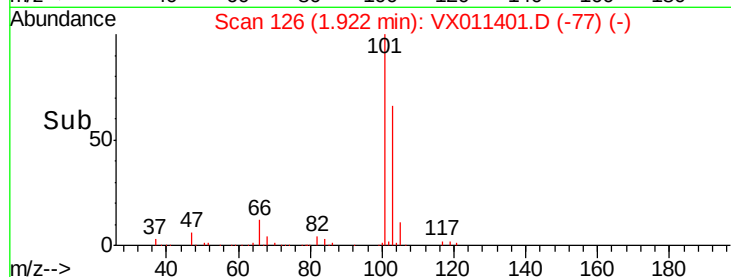
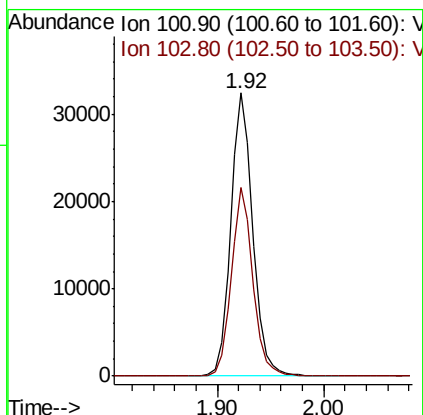
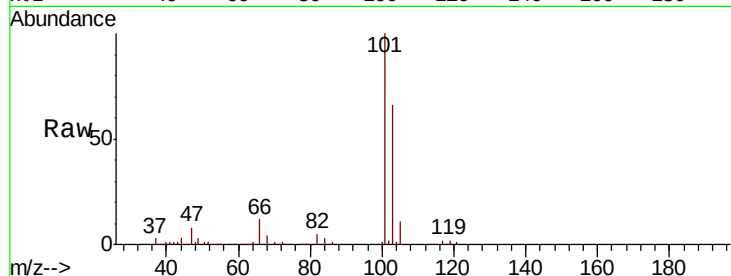


#7

Trichlorofluoromethane
 Concen: 15.869 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX011401.D
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Instrument :
 MSVOA_X
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 VX0809WBS01

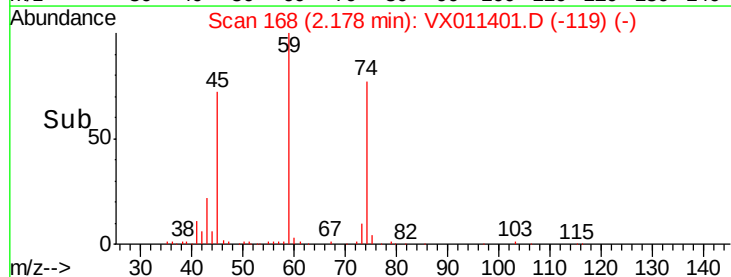
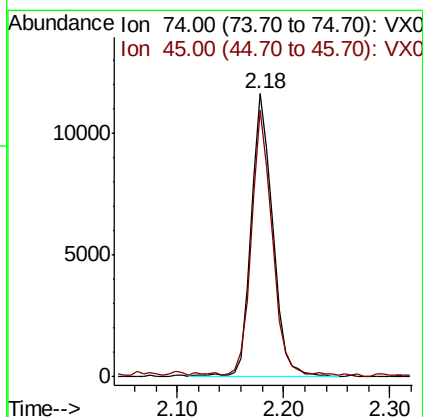
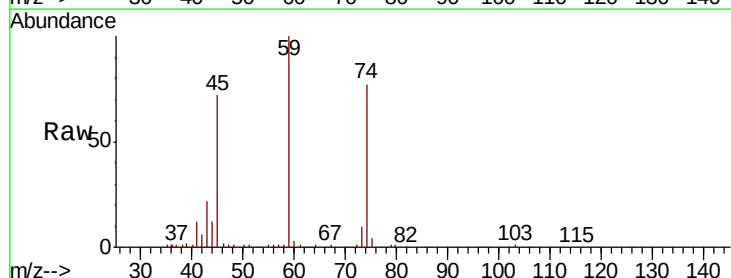
Tgt Ion: 101 Resp: 46854
 Ion Ratio Lower Upper
 101 100
 103 66.5 50.9 76.3

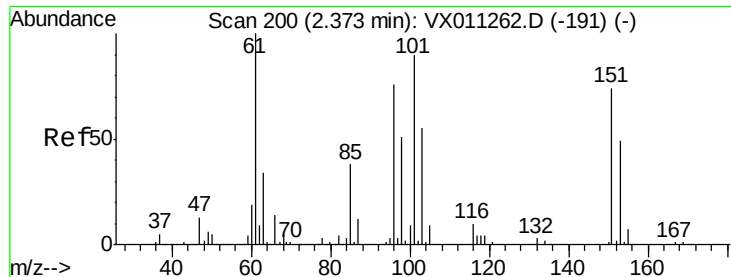


#8

Diethyl Ether
 Concen: 15.723 ug/l
 RT: 2.18 min Scan# 168
 Delta R.T. 0.00 min
 Lab File: VX011401.D
 Acq: 09 Aug 2019 11:48

Tgt Ion: 74 Resp: 16577
 Ion Ratio Lower Upper
 74 100
 45 93.1 46.1 138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.472 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

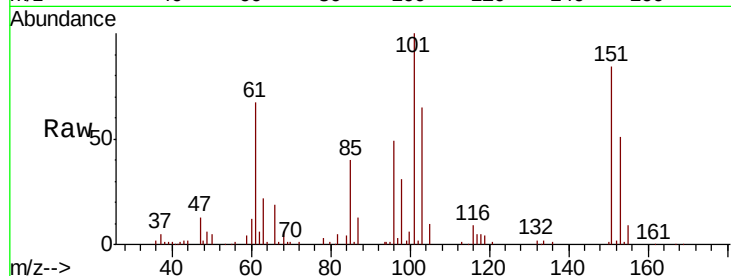
Tgt Ion:101 Resp: 26315

Ion Ratio Lower Upper

101 100

85 42.2 33.8 50.6

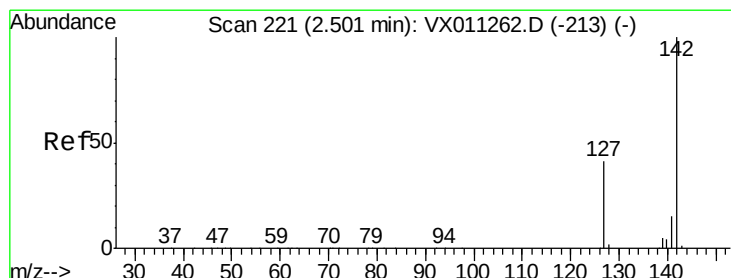
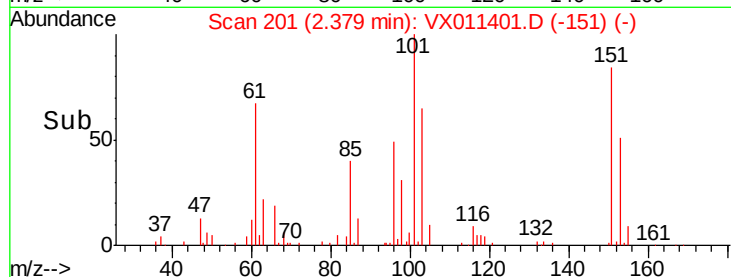
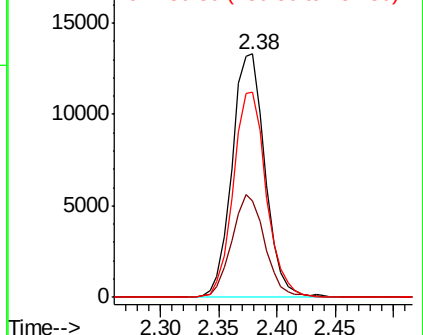
151 84.4 69.5 104.3



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: 13.929 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

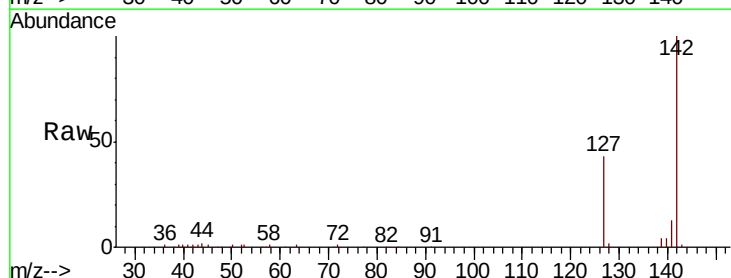
Tgt Ion:142 Resp: 28054

Ion Ratio Lower Upper

142 100

127 43.7 33.8 50.8

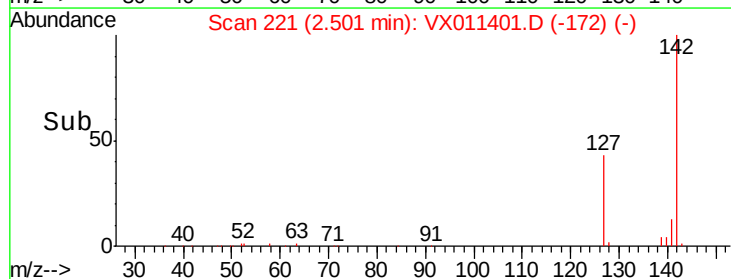
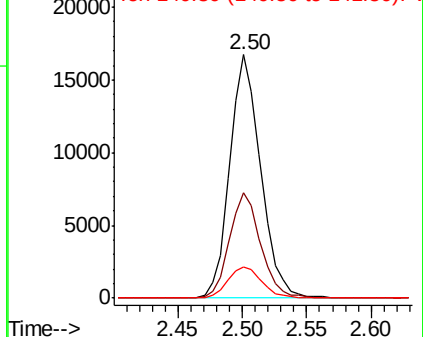
141 13.9 11.4 17.2

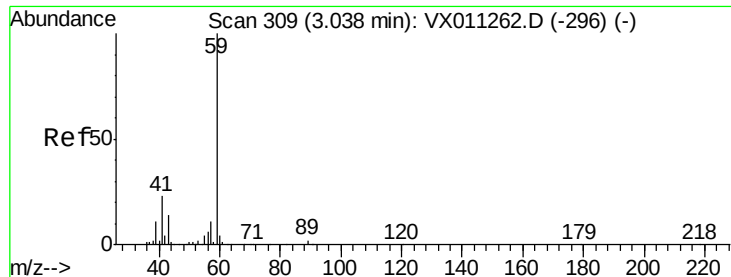


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

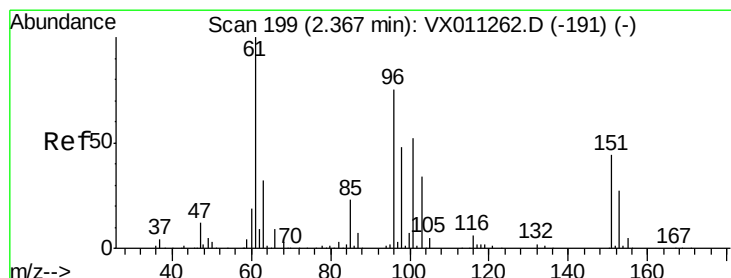
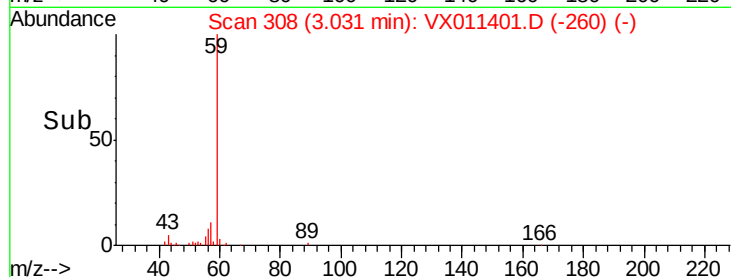
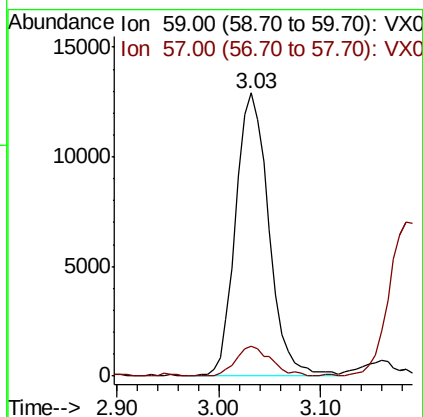
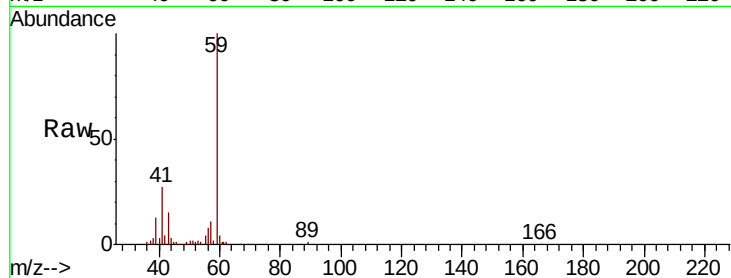




#11
Tert butyl alcohol
Concen: 83.565 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.01 min
Lab File: VX011401.D
Acq: 09 Aug 2019 11:48

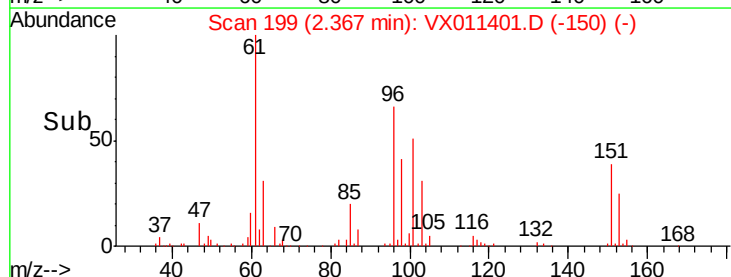
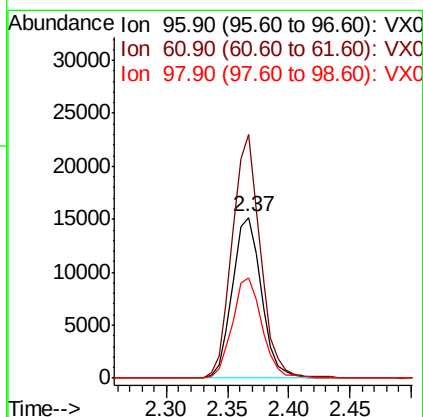
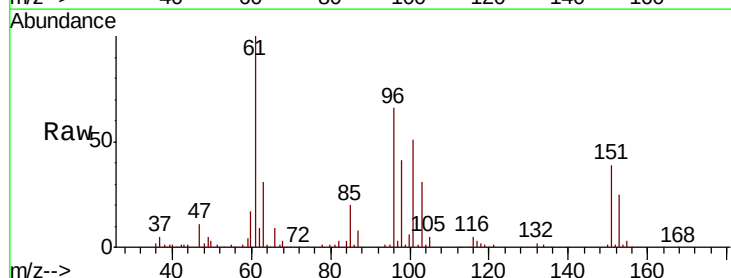
Instrument :
MSVOA_X
ClientSampled :
VX0809WBS01

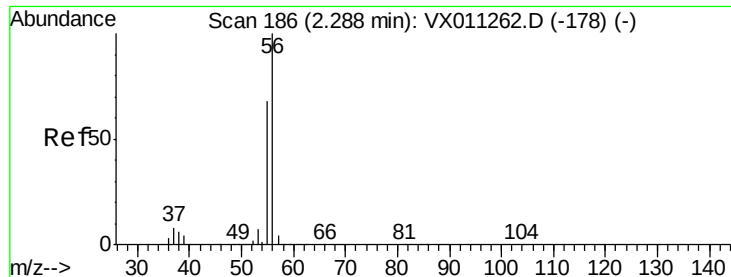
Tgt Ion: 59 Resp: 29203
Ion Ratio Lower Upper
59 100
57 11.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 15.787 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX011401.D
Acq: 09 Aug 2019 11:48

Tgt Ion: 96 Resp: 25001
Ion Ratio Lower Upper
96 100
61 151.7 106.2 159.2
98 62.6 50.6 75.8





#13

Acrolein

Concen: 63.934 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

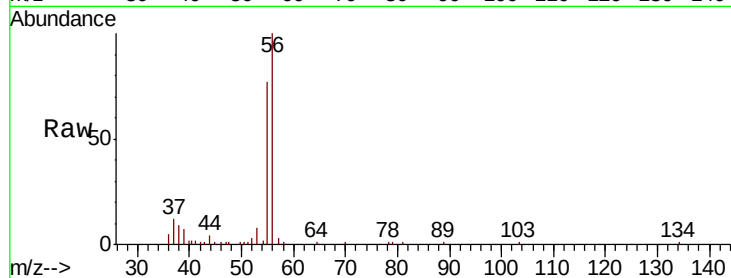
VX0809WBS01

Tgt Ion: 56 Resp: 13956

Ion Ratio Lower Upper

56 100

55 73.6 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

10000

8000

6000

4000

2000

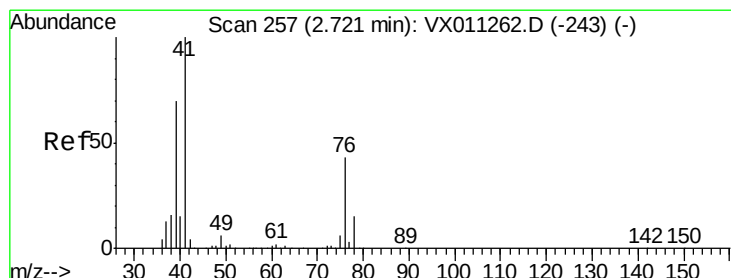
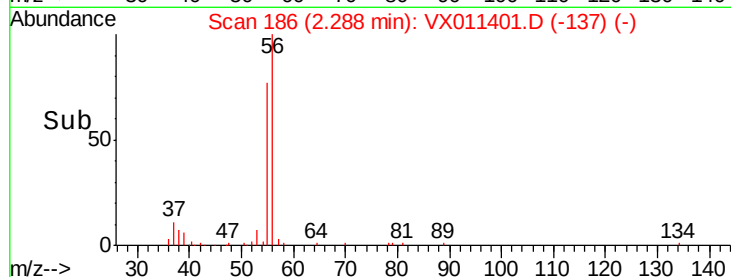
0

Time-->

2.25

2.30

2.35



#14

Allyl chloride

Concen: 17.589 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

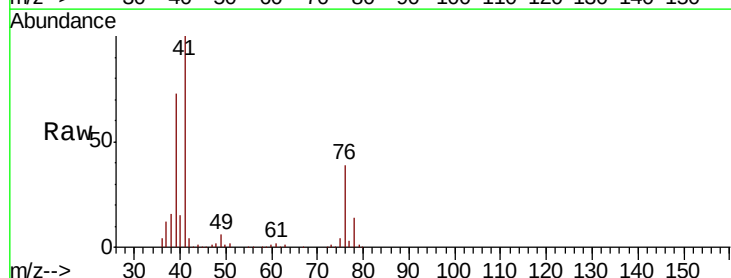
Tgt Ion: 41 Resp: 37133

Ion Ratio Lower Upper

41 100

39 67.6 52.8 79.2

76 34.9 31.1 46.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

25000

20000

15000

10000

5000

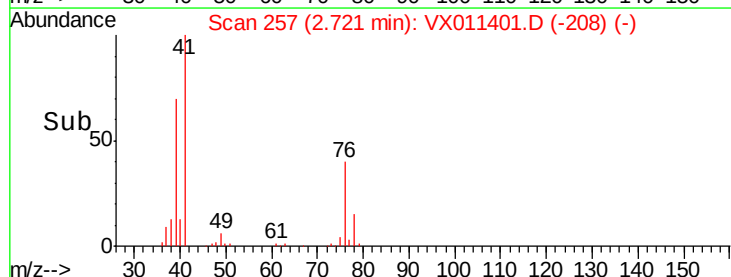
0

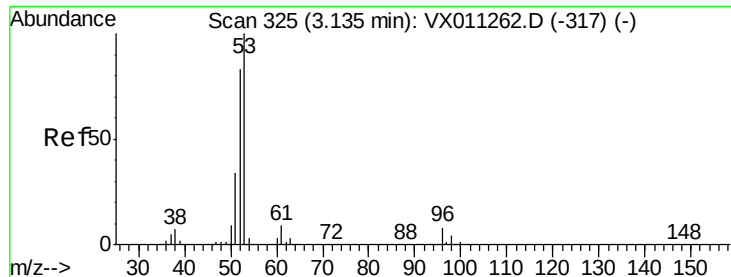
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 87.080 ug/l

RT: 3.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

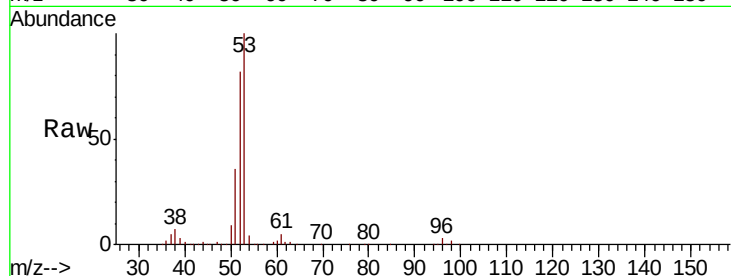
Tgt Ion: 53 Resp: 72633

Ion Ratio Lower Upper

53 100

52 81.1 65.5 98.3

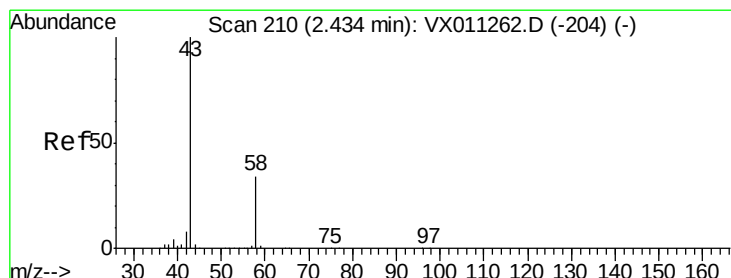
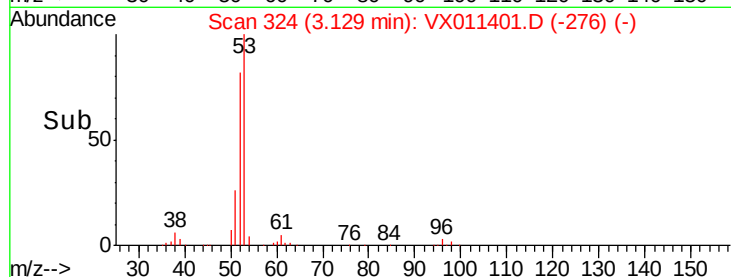
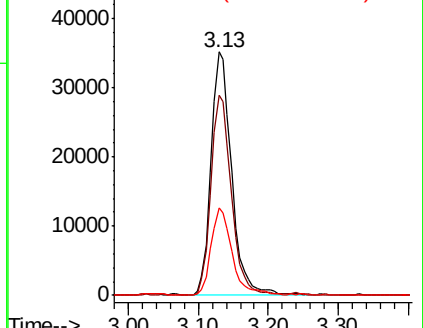
51 35.8 27.9 41.9



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: 78.250 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011401.D

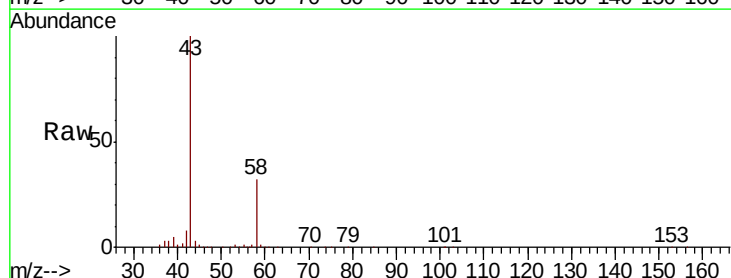
Acq: 09 Aug 2019 11:48

Tgt Ion: 43 Resp: 65285

Ion Ratio Lower Upper

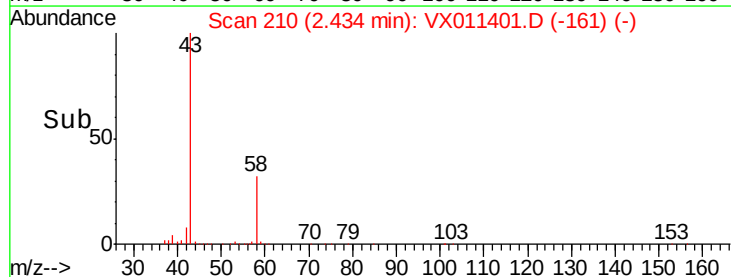
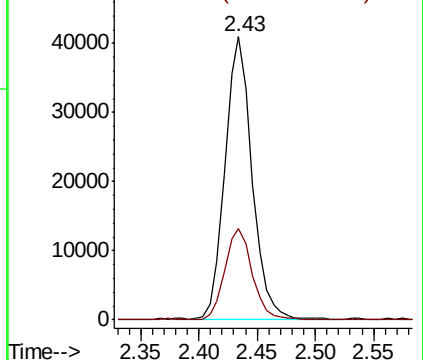
43 100

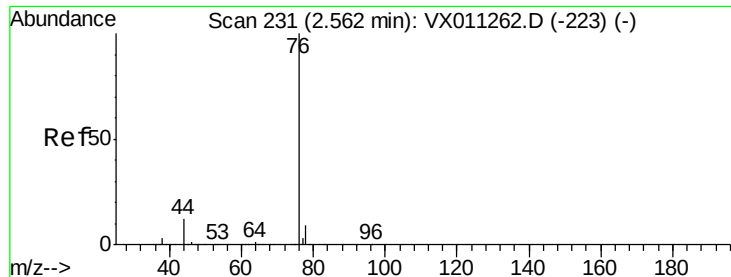
58 32.3 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 14.868 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

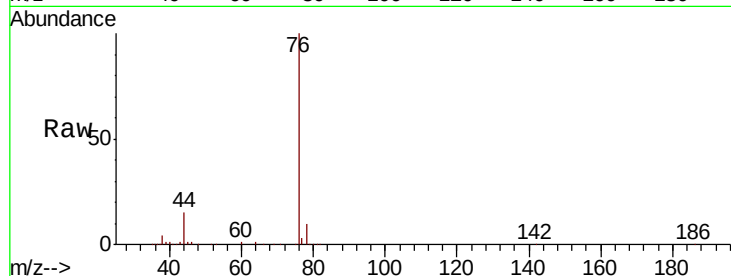
VX0809WBS01

Tgt Ion: 76 Resp: 55253

Ion Ratio Lower Upper

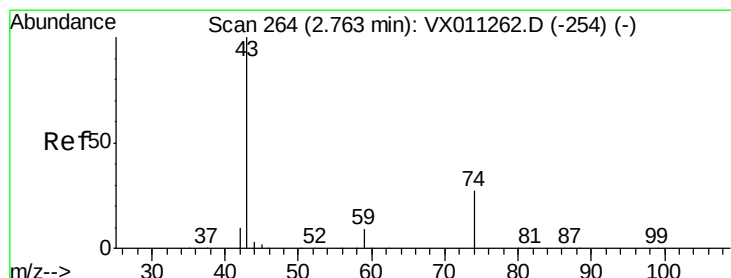
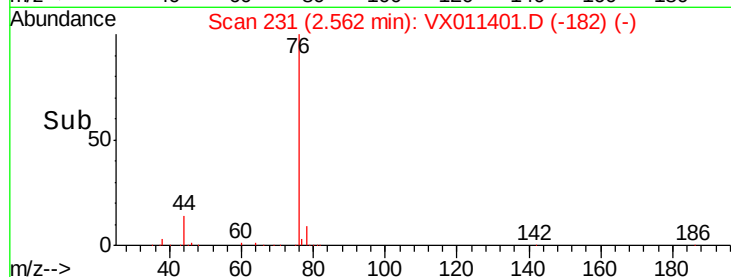
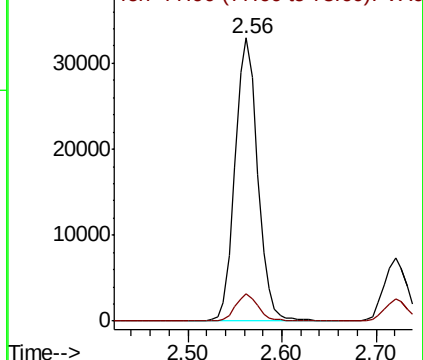
76 100

78 9.7 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: 17.651 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011401.D

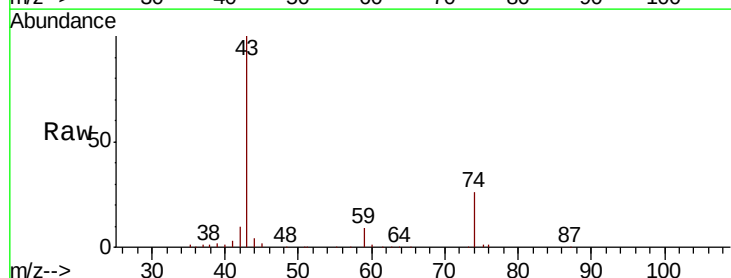
Acq: 09 Aug 2019 11:48

Tgt Ion: 43 Resp: 33655

Ion Ratio Lower Upper

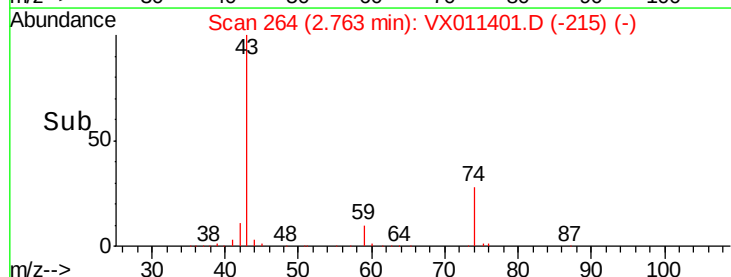
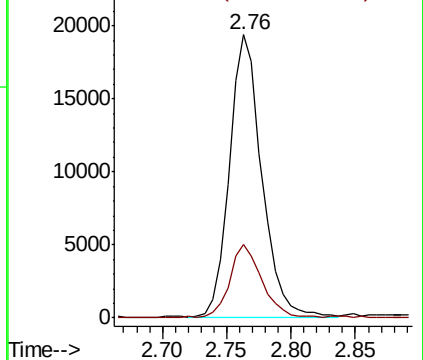
43 100

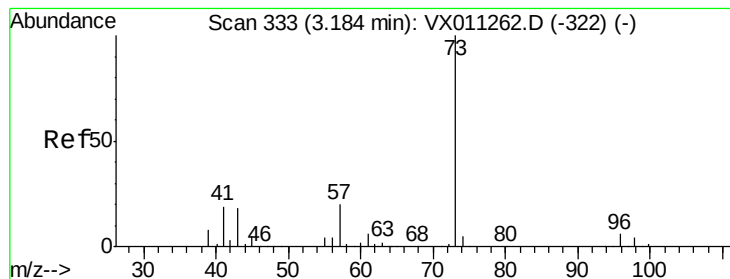
74 26.2 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



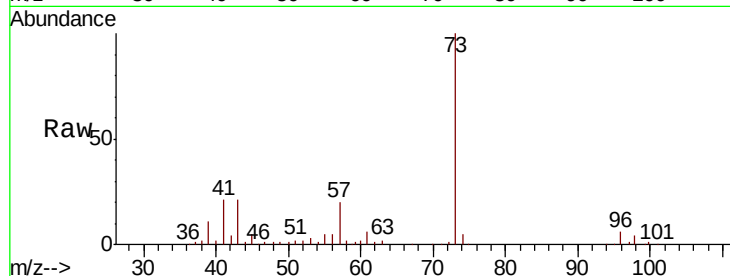


#19

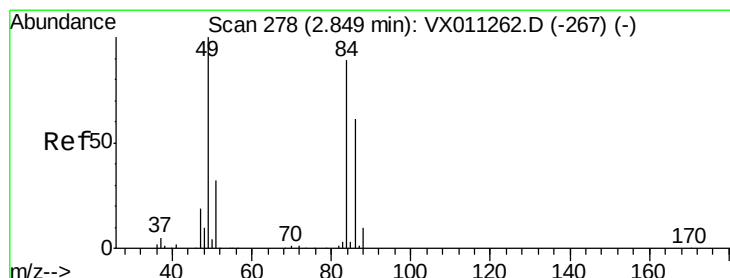
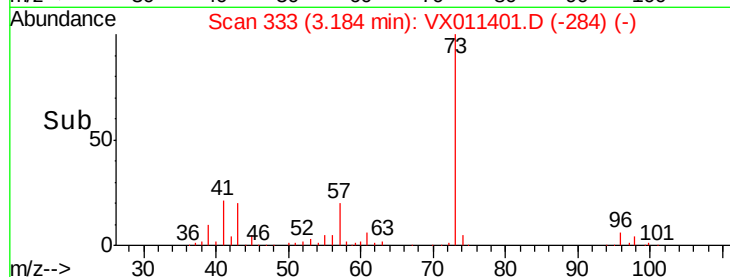
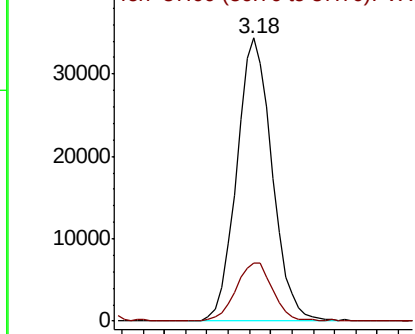
Methyl tert-butyl Ether
 Concen: 17.195 ug/l
 RT: 3.18 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX011401.D
 Acq: 09 Aug 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

Tgt Ion: 73 Resp: 80246
 Ion Ratio Lower Upper
 73 100
 57 20.3 16.2 24.2



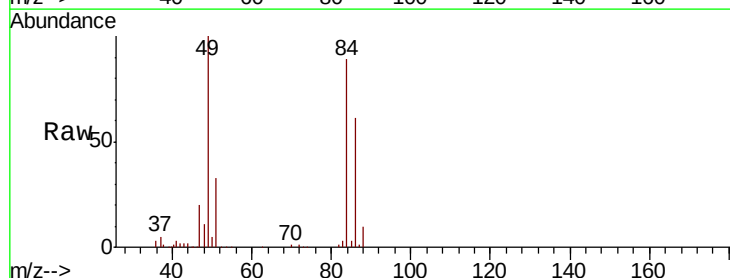
Abundance Ion 73.00 (72.70 to 73.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



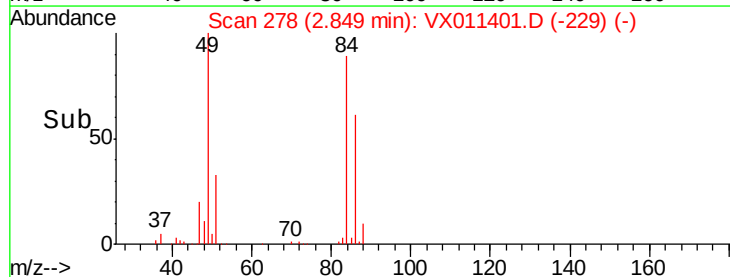
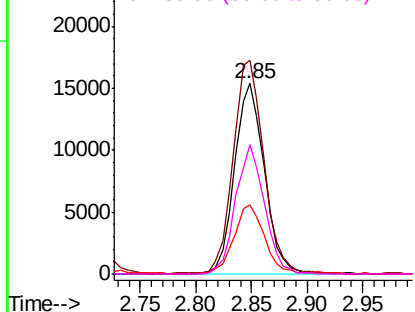
#20

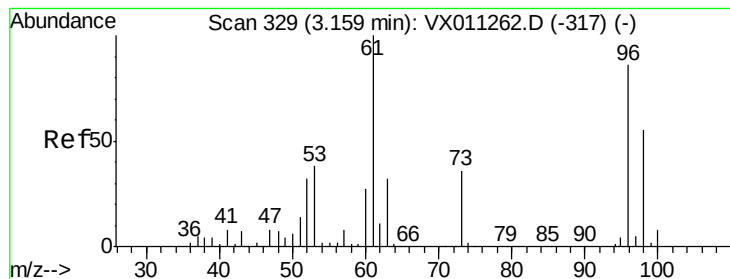
Methylene Chloride
 Concen: 15.624 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. 0.00 min
 Lab File: VX011401.D
 Acq: 09 Aug 2019 11:48

Tgt Ion: 84 Resp: 28548
 Ion Ratio Lower Upper
 84 100
 49 111.7 89.3 133.9
 51 36.6 28.3 42.5
 86 68.1 54.5 81.7



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





#21

trans-1,2-Dichloroethene

Concen: 15.737 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

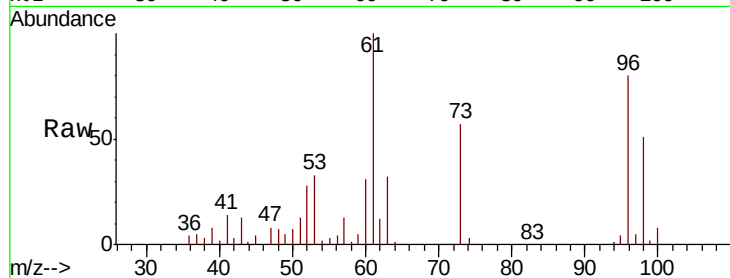
Tgt Ion: 96 Resp: 26362

Ion Ratio Lower Upper

96 100

61 124.5 92.8 139.2

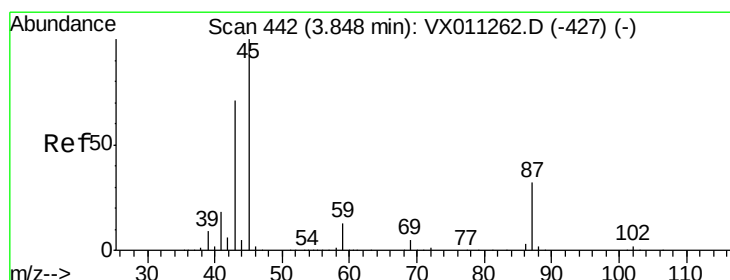
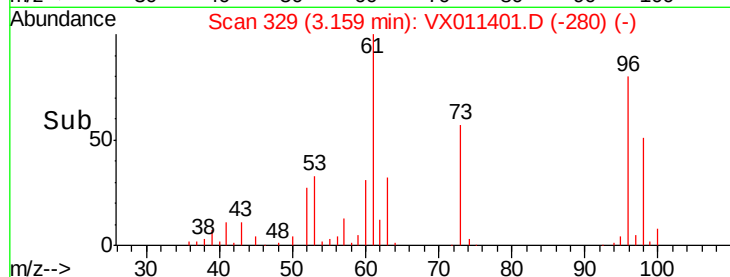
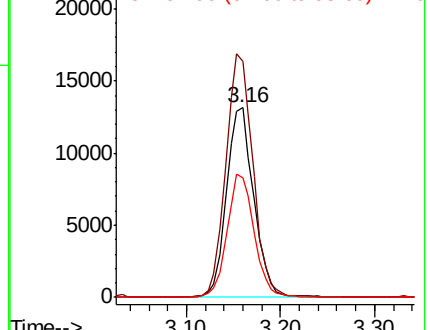
98 62.9 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.059 ug/l

RT: 3.84 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

Tgt Ion: 45 Resp: 79153

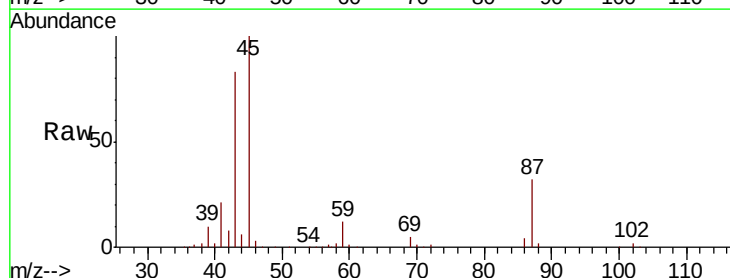
Ion Ratio Lower Upper

45 100

43 81.7 56.8 85.2

87 32.1 25.8 38.6

59 11.7 10.3 15.5

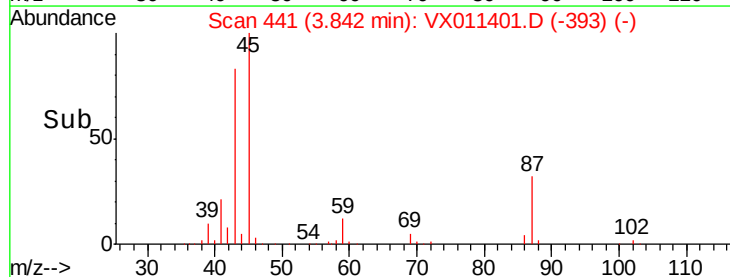
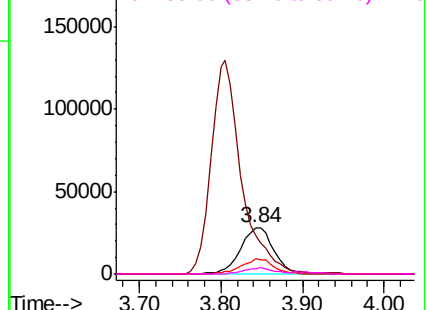


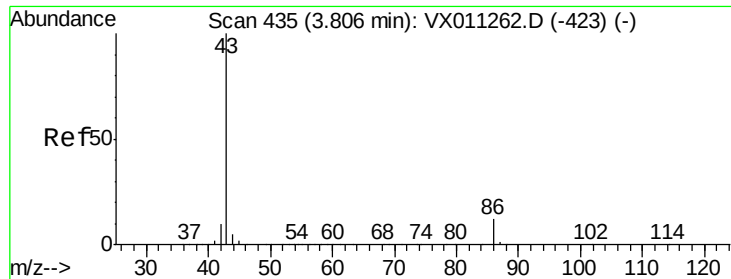
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 87.462 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

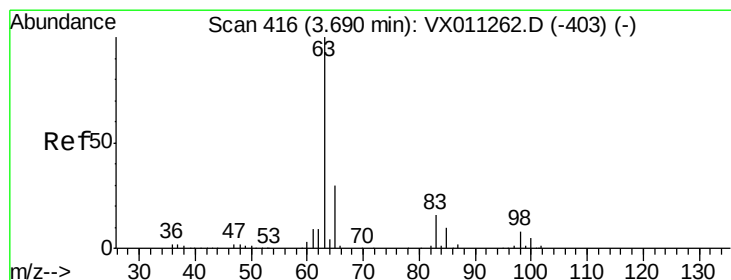
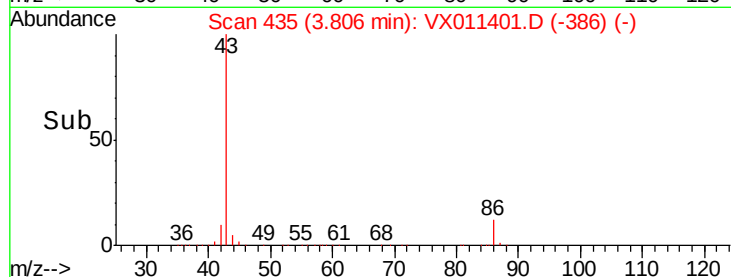
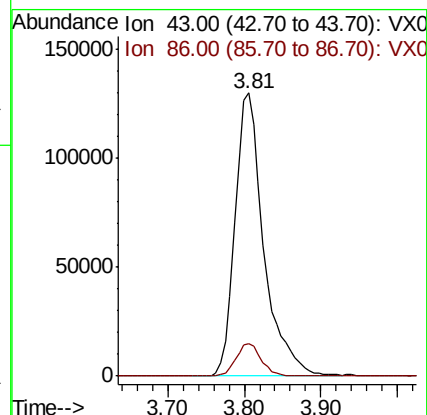
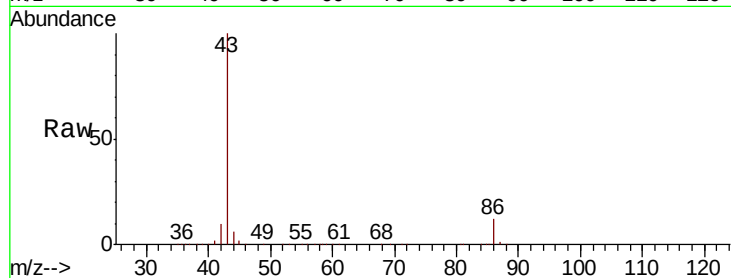
VX0809WBS01

Tgt Ion: 43 Resp: 336597

Ion Ratio Lower Upper

43 100

86 11.7 9.6 14.4



#24

1,1-Dichloroethane

Concen: 16.851 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

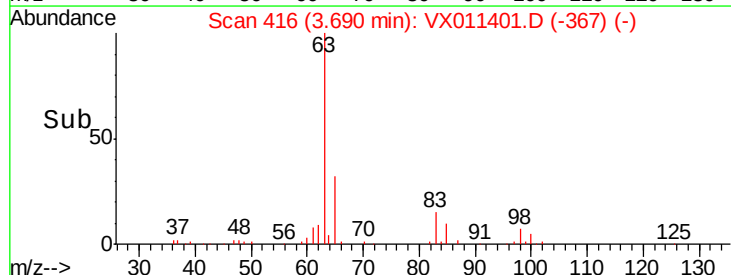
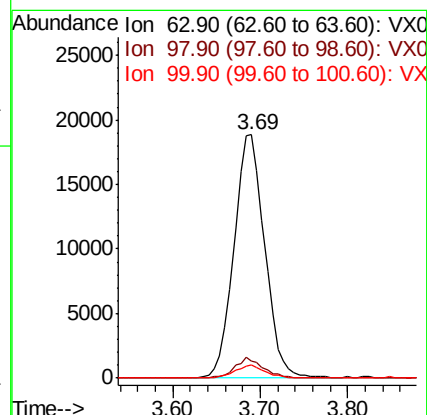
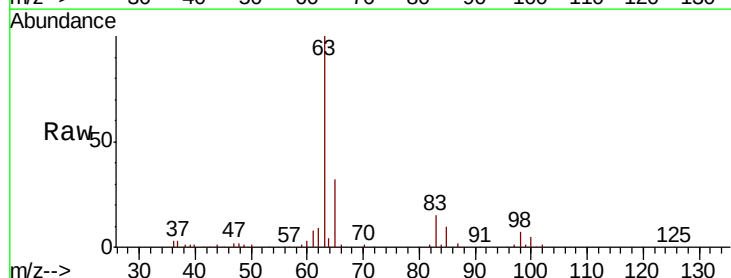
Tgt Ion: 63 Resp: 46105

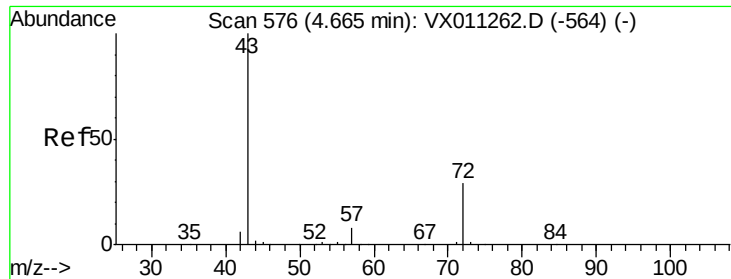
Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.5

100 5.5 2.7 8.1





#25

2-Butanone

Concen: 83.418 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.01 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

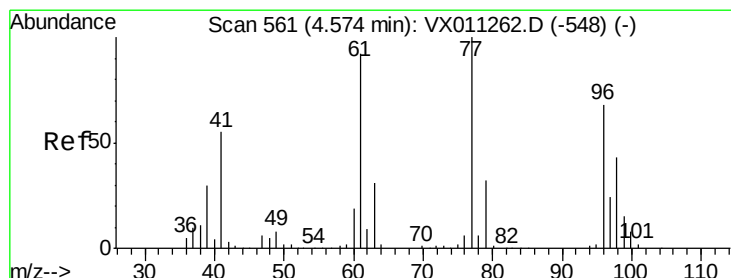
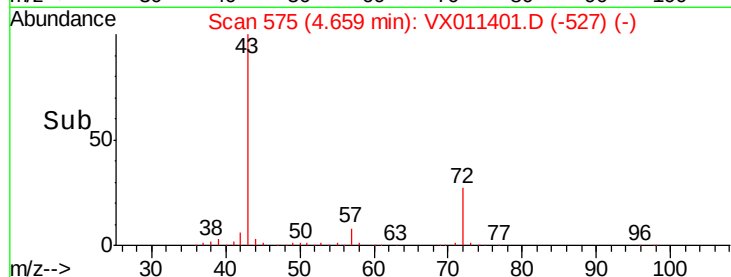
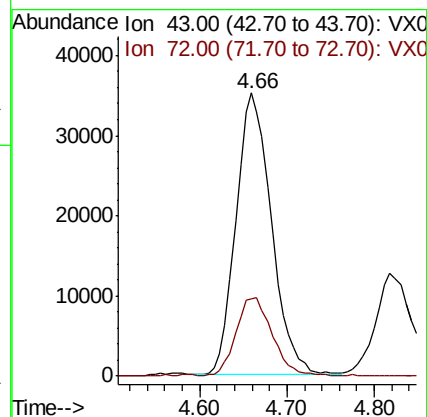
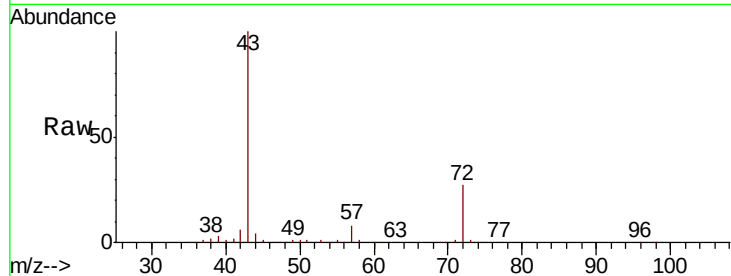
VX0809WBS01

Tgt Ion: 43 Resp: 99002

Ion Ratio Lower Upper

43 100

72 26.9 23.2 34.8



#26

2,2-Dichloropropane

Concen: 16.801 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011401.D

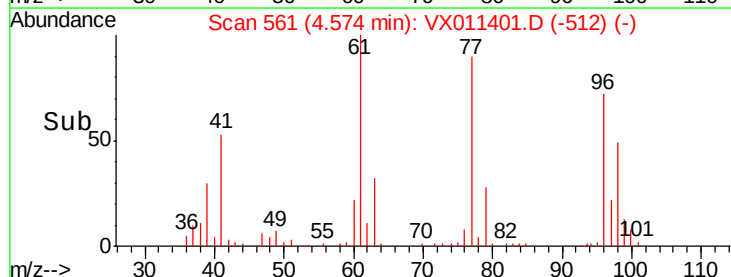
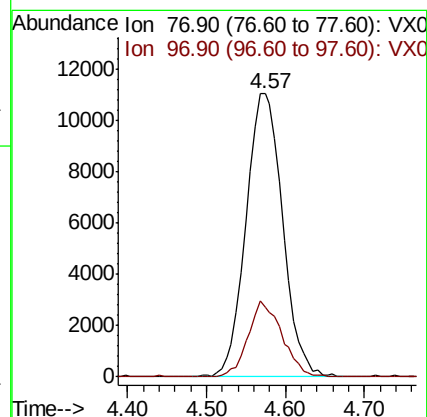
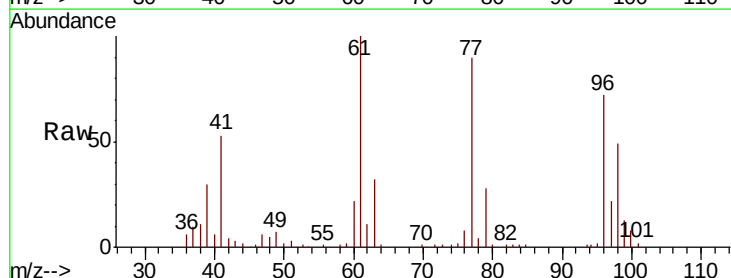
Acq: 09 Aug 2019 11:48

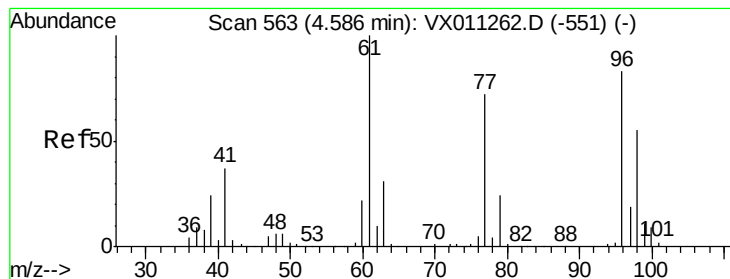
Tgt Ion: 77 Resp: 35733

Ion Ratio Lower Upper

77 100

97 24.7 12.8 38.4



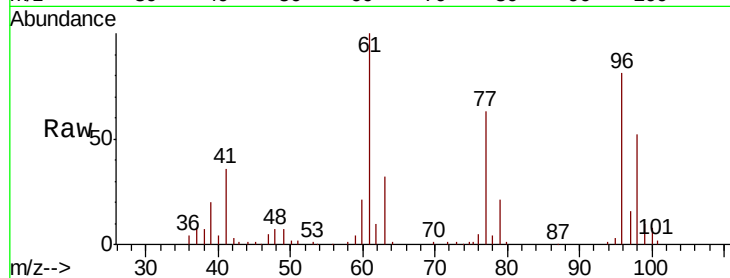


#27

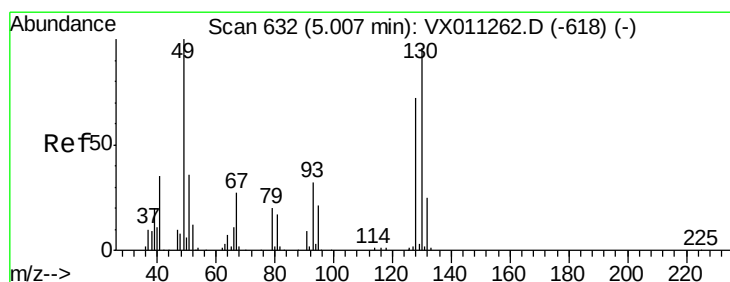
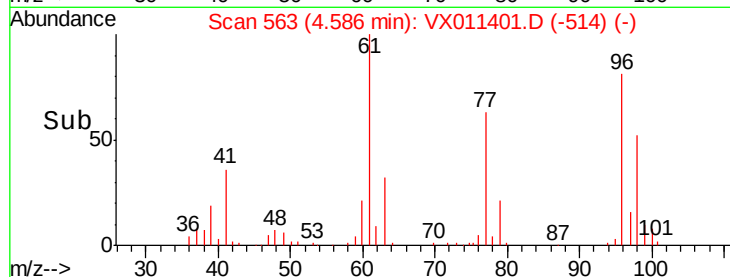
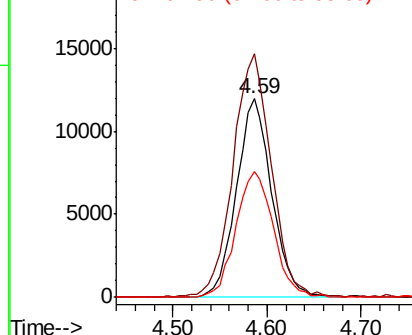
cis-1,2-Dichloroethene
Concen: 16.183 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011401.D
Acq: 09 Aug 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

Tgt Ion: 96 Resp: 31226
Ion Ratio Lower Upper
96 100
61 133.1 0.0 260.2
98 66.9 0.0 133.2



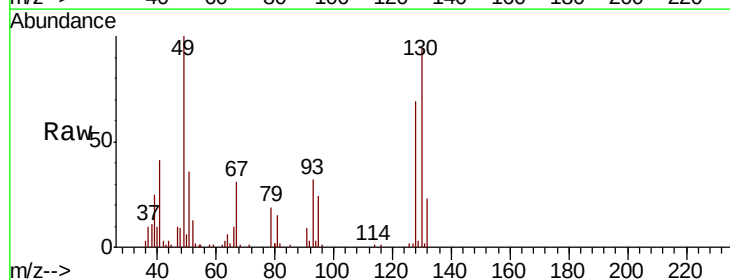
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



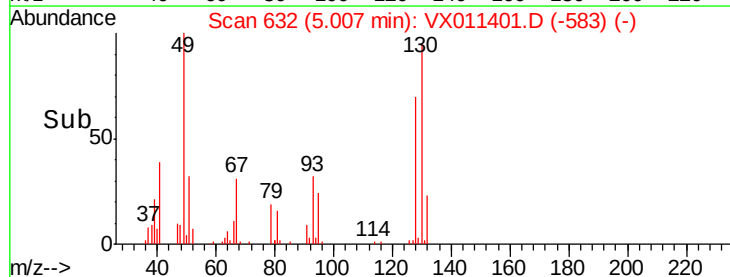
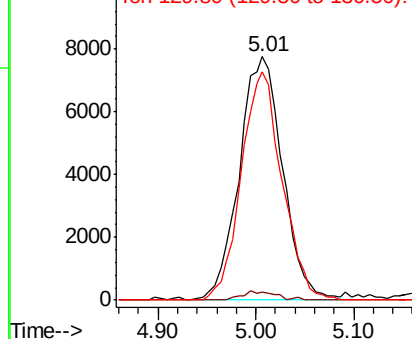
#28

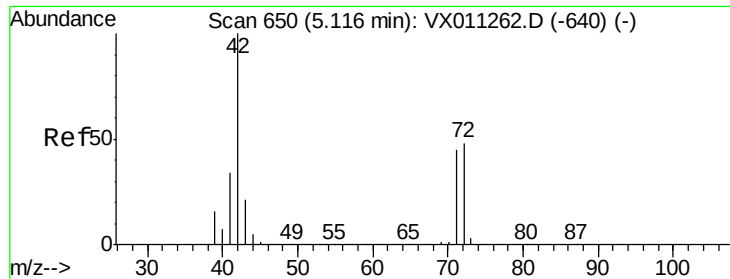
Bromochloromethane
Concen: 19.082 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.00 min
Lab File: VX011401.D
Acq: 09 Aug 2019 11:48

Tgt Ion: 49 Resp: 23801
Ion Ratio Lower Upper
49 100
129 2.9 0.0 5.8
130 88.6 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: 84.274 ug/l

RT: 5.12 min Scan# 650

Delta R.T. 0.00 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

Instrument :

MSVOA_X

ClientSampled :

VX0809WBS01

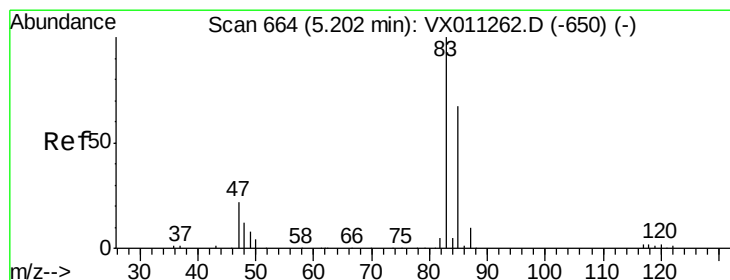
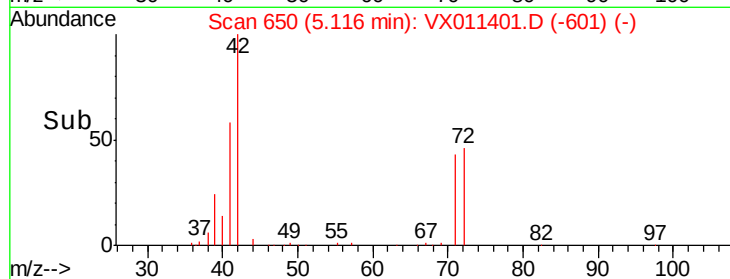
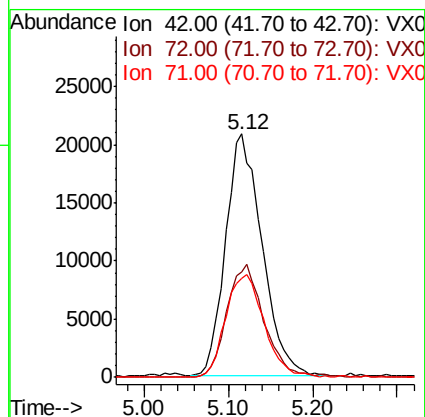
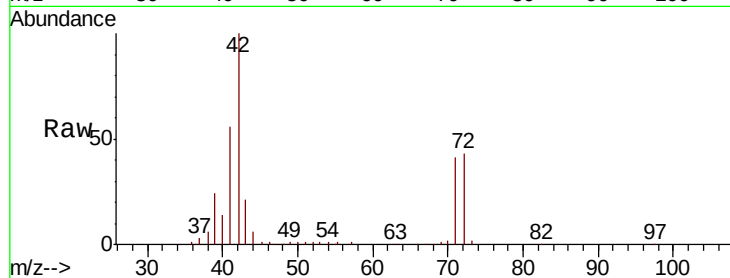
Tgt Ion: 42 Resp: 61326

Ion Ratio Lower Upper

42 100

72 47.9 39.9 59.9

71 45.0 36.9 55.3



#30

Chloroform

Concen: 17.211 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.00 min

Lab File: VX011401.D

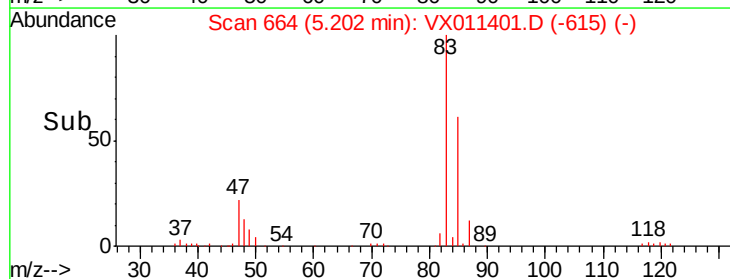
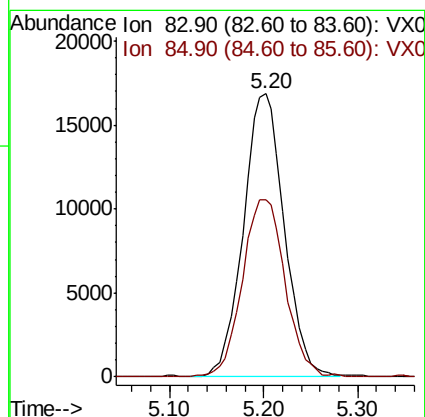
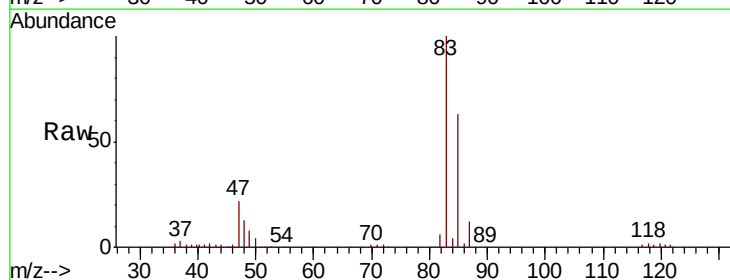
Acq: 09 Aug 2019 11:48

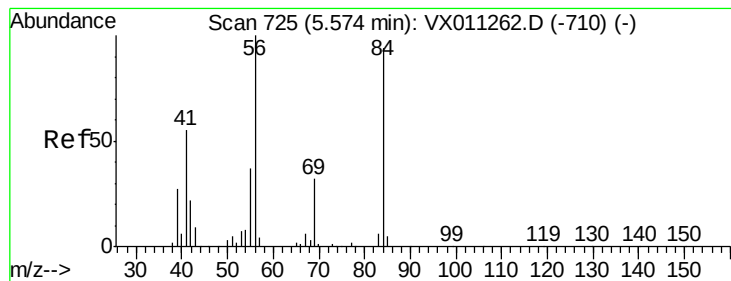
Tgt Ion: 83 Resp: 51181

Ion Ratio Lower Upper

83 100

85 62.5 53.4 80.0





#31

Cyclohexane

Concen: 15.525 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

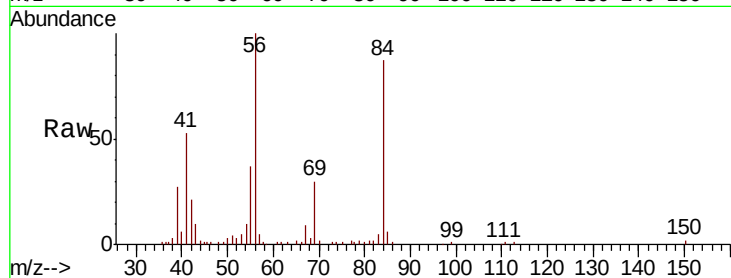
Tgt Ion: 56 Resp: 35044

Ion Ratio Lower Upper

56 100

69 29.9 25.5 38.3

84 84.9 75.0 112.4

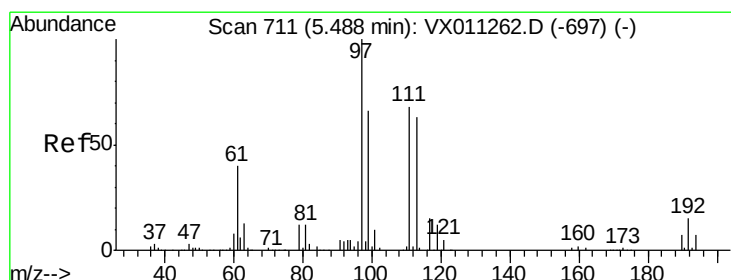
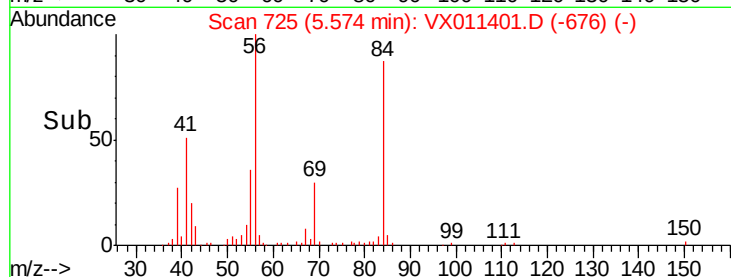
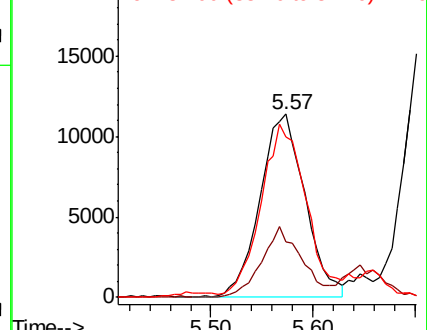


Abundance

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: 16.972 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

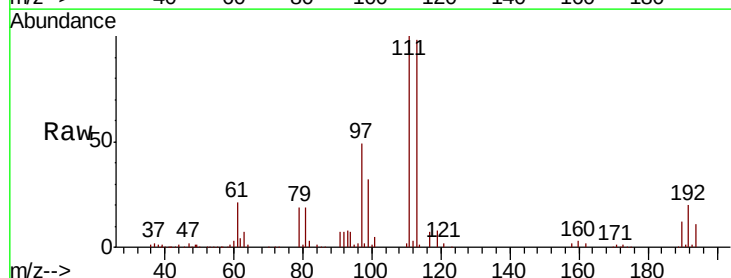
Tgt Ion: 97 Resp: 43234

Ion Ratio Lower Upper

97 100

99 65.4 51.6 77.4

61 44.3 32.3 48.5

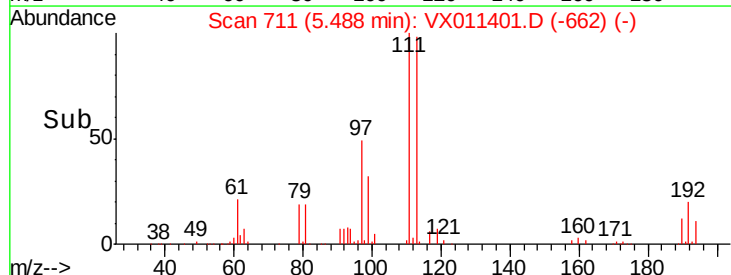
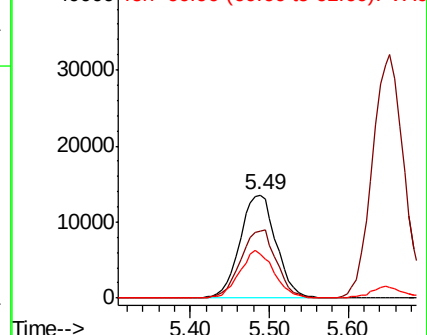


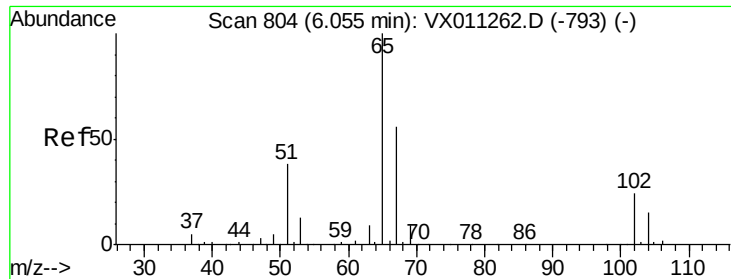
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

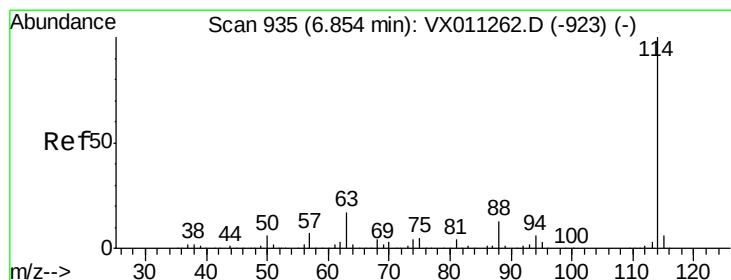
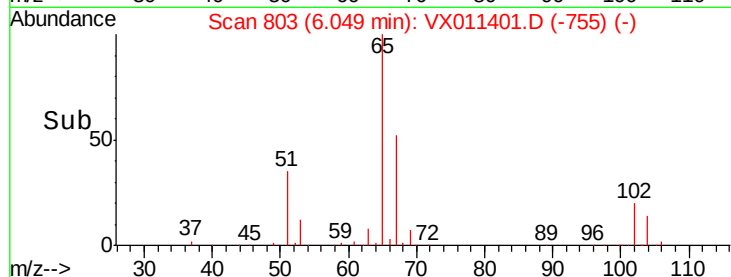
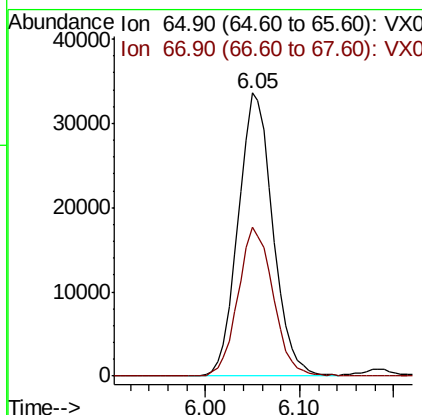
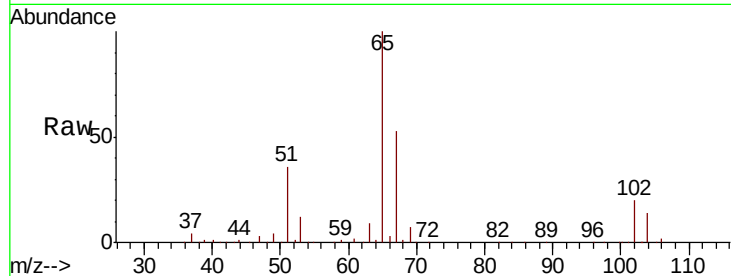




#33
 1,2-Dichloroethane-d4
 Concen: 49.390 ug/l
 RT: 6.05 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX011401.D
 Acq: 09 Aug 2019 11:48

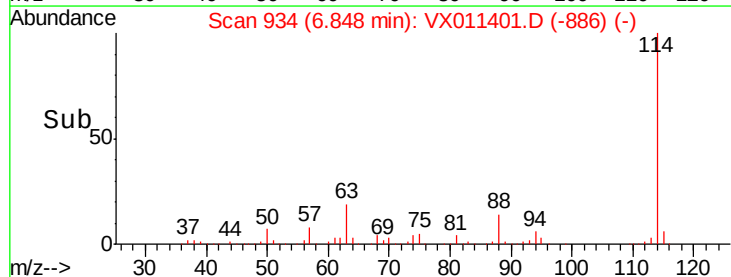
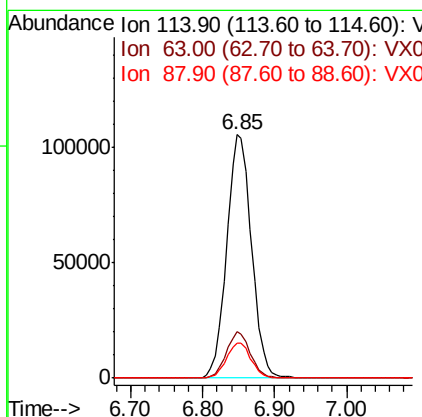
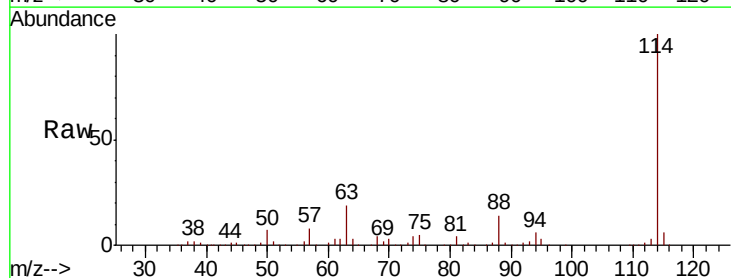
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

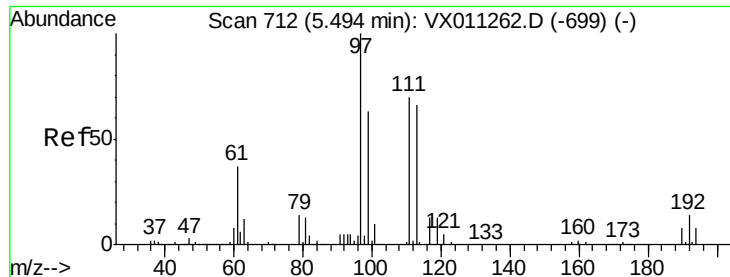
Tgt Ion: 65 Resp: 86573
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: VX011401.D
 Acq: 09 Aug 2019 11:48

Tgt Ion: 114 Resp: 251545
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 34.0
 88 14.5 0.0 26.4





#35

Dibromofluoromethane

Concen: 46.703 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

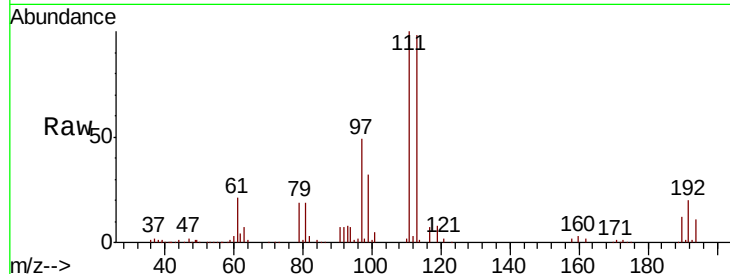
Tgt Ion:113 Resp: 76699

Ion Ratio Lower Upper

113 100

111 101.7 81.9 122.9

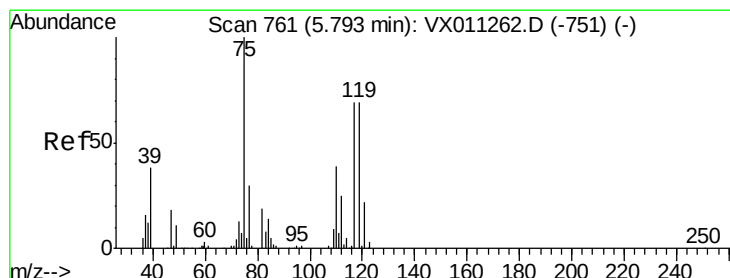
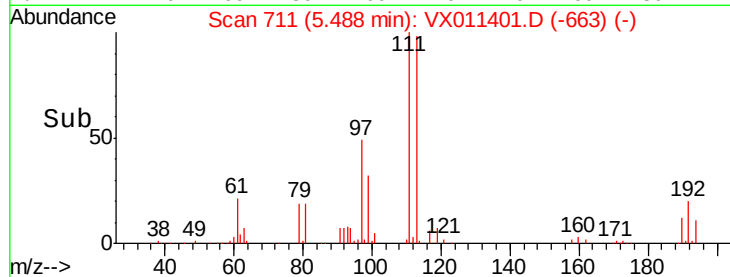
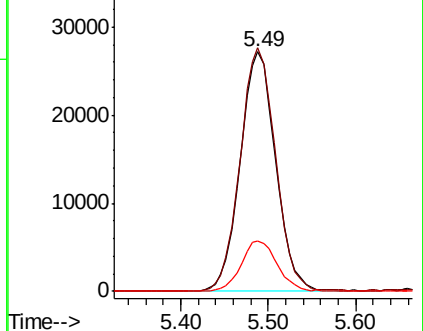
192 21.3 17.8 26.8



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: 16.383 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

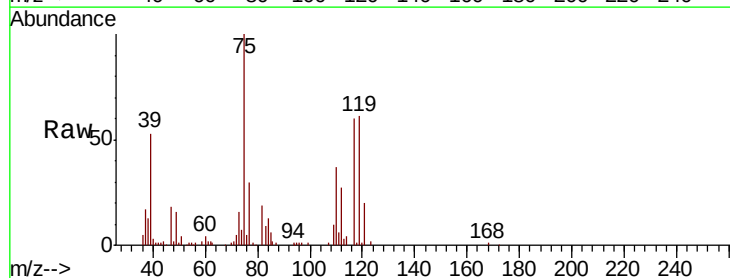
Tgt Ion: 75 Resp: 35980

Ion Ratio Lower Upper

75 100

110 38.6 20.0 59.9

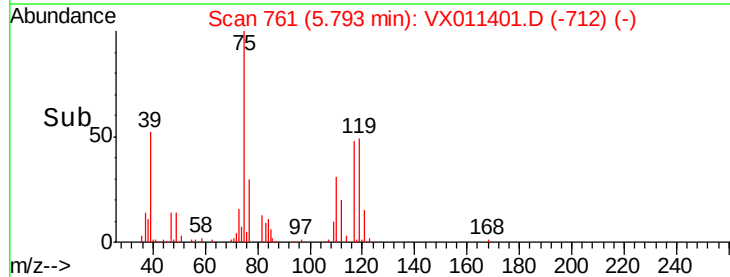
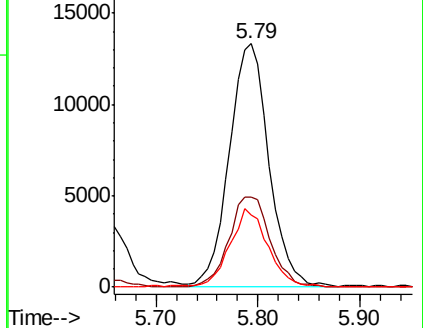
77 30.6 24.8 37.2

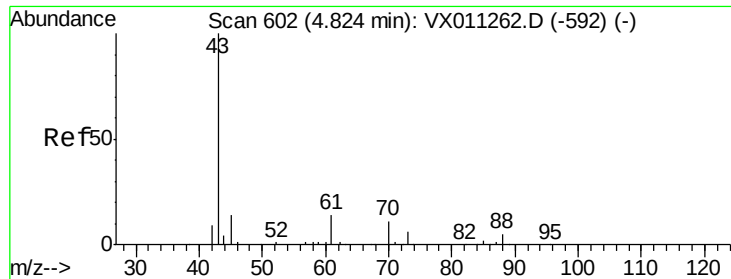


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 16.535 ug/l

RT: 4.82 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

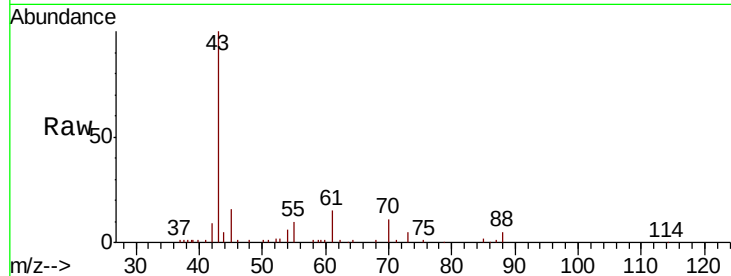
Tgt Ion: 43 Resp: 36427

Ion Ratio Lower Upper

43 100

61 15.6 12.6 18.8

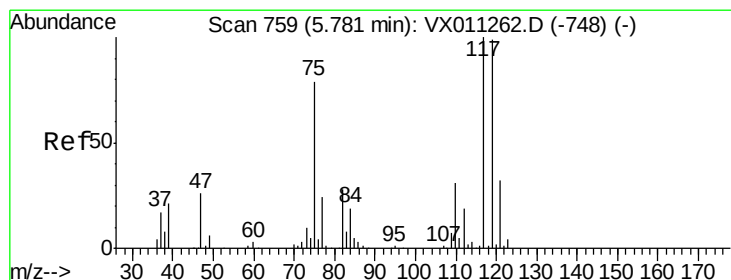
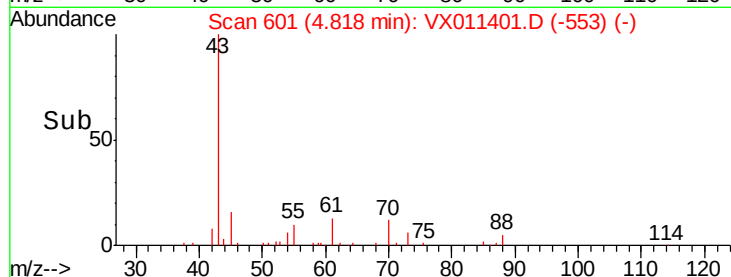
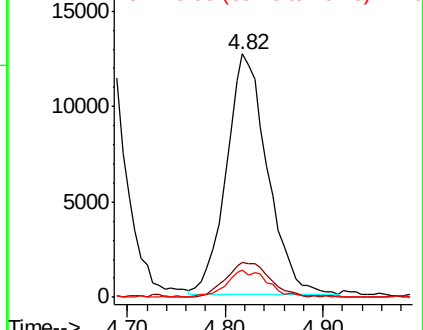
70 11.5 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 17.070 ug/l

RT: 5.77 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

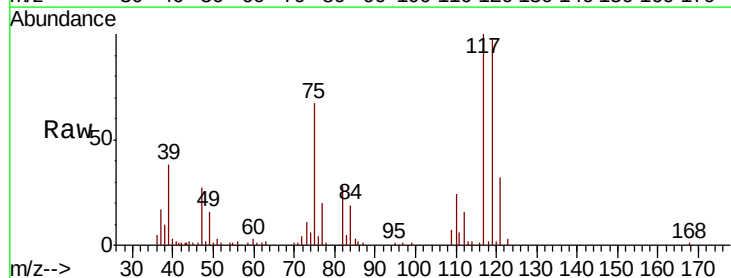
Tgt Ion: 117 Resp: 37718

Ion Ratio Lower Upper

117 100

119 98.2 79.0 118.4

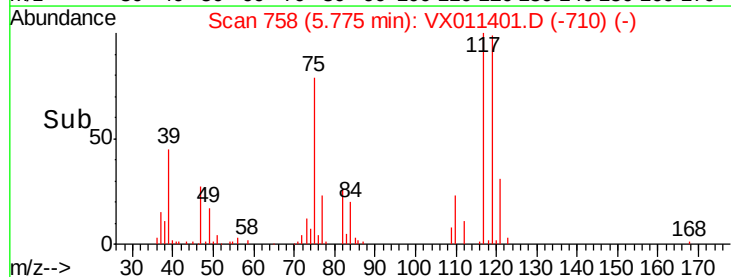
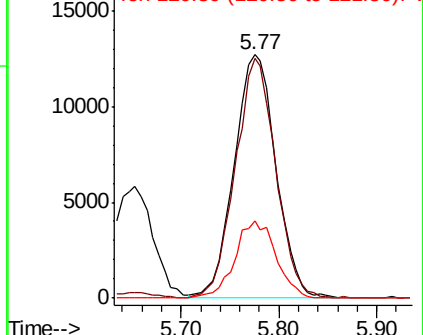
121 31.8 25.9 38.9

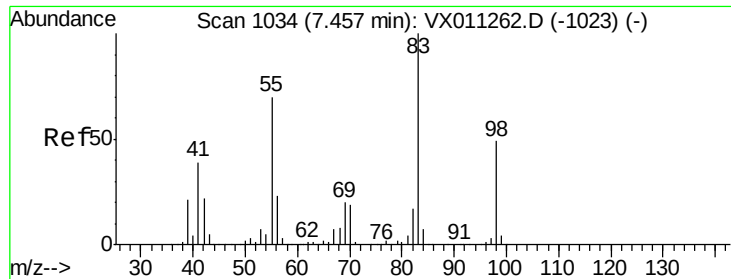


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

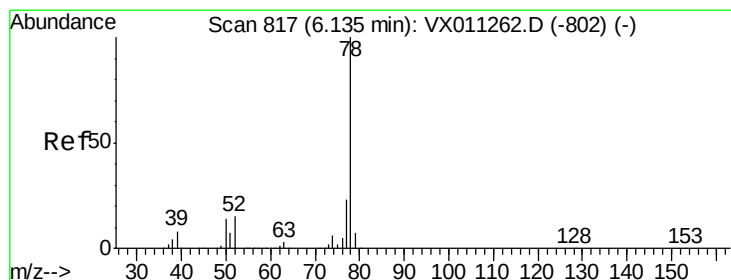
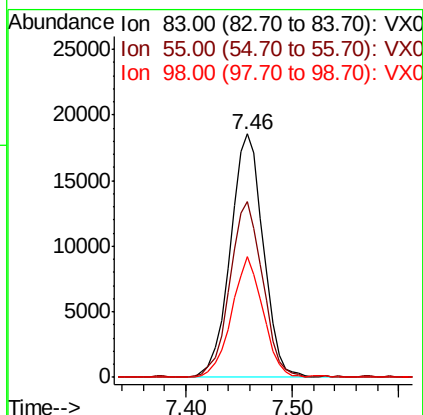
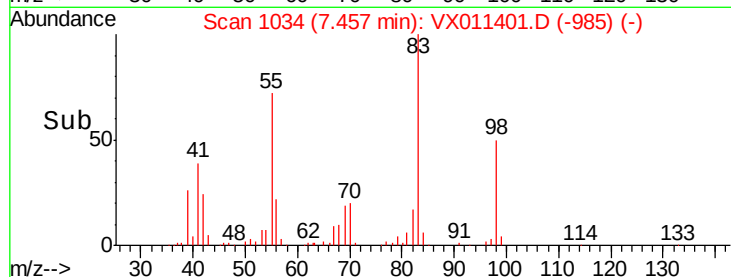
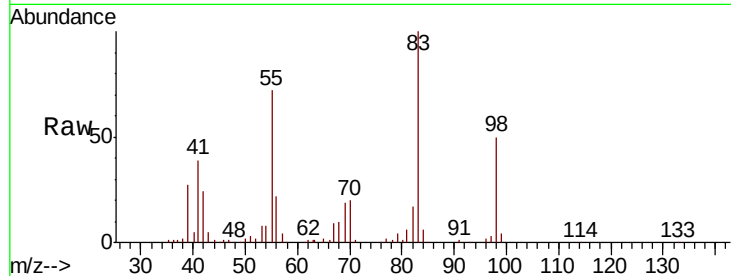




#39
Methylcyclohexane
Concen: 15.438 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011401.D
Acq: 09 Aug 2019 11:48

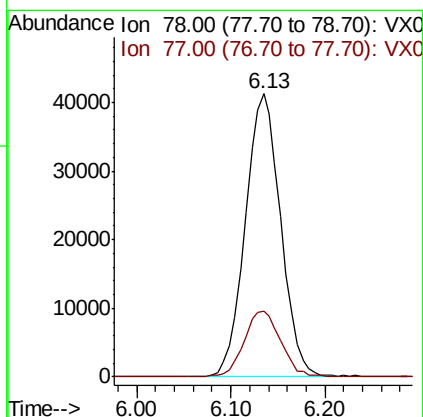
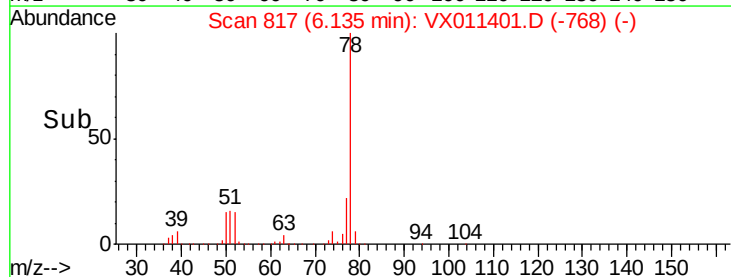
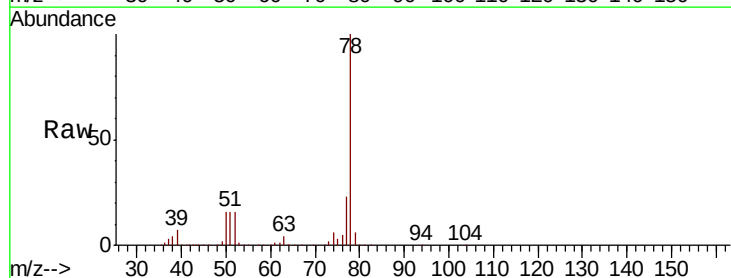
Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

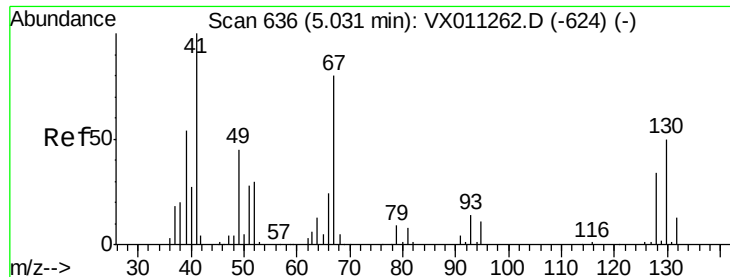
Tgt Ion: 83 Resp: 40190
Ion Ratio Lower Upper
83 100
55 72.0 56.1 84.1
98 49.8 39.0 58.4



#40
Benzene
Concen: 16.564 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011401.D
Acq: 09 Aug 2019 11:48

Tgt Ion: 78 Resp: 108553
Ion Ratio Lower Upper
78 100
77 23.1 18.2 27.2

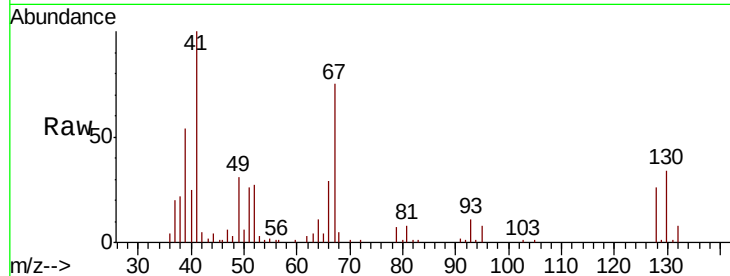




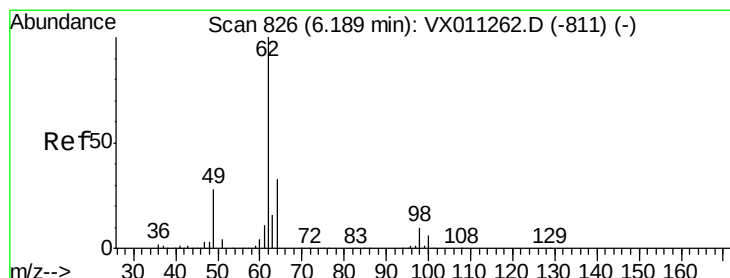
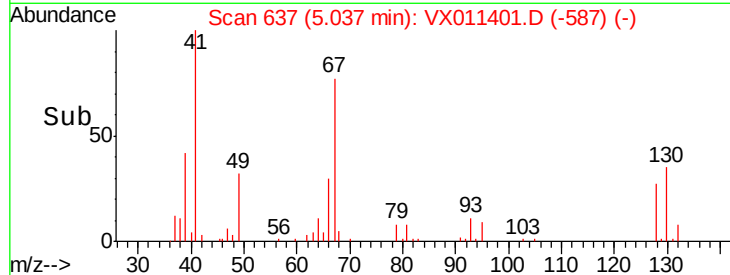
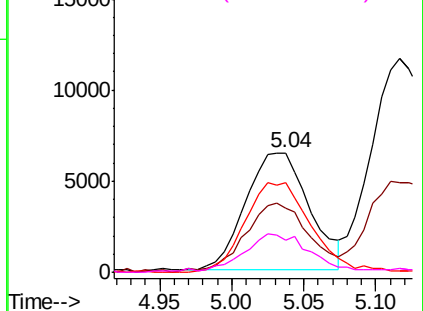
#41
Methacrylonitrile
Concen: 16.469 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.01 min
Lab File: VX011401.D
Acq: 09 Aug 2019 11:48

Instrument :
MSVOA_X
ClientSampled :
VX0809WBS01

Tgt Ion:	41	Resp:	19814
Ion	Ratio	Lower	Upper
41	100		
39	59.3	43.0	64.6
67	79.3	65.1	97.7
52	34.8	24.8	37.2

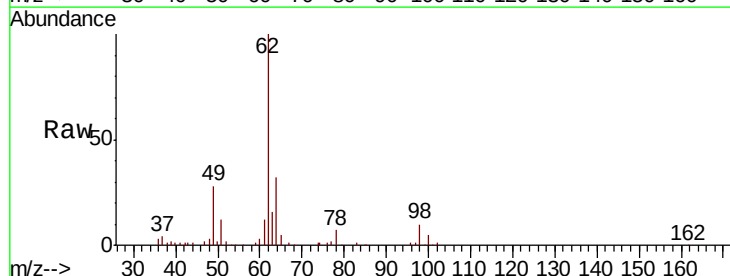


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

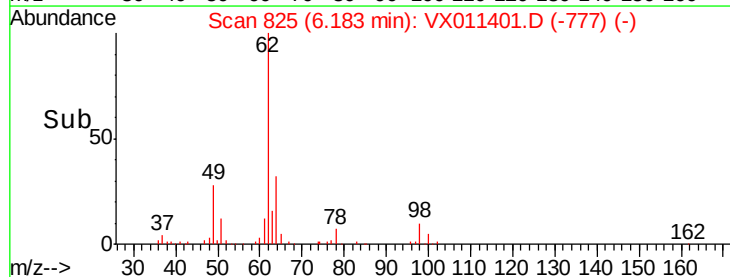
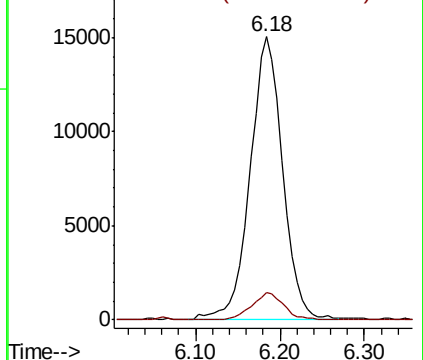


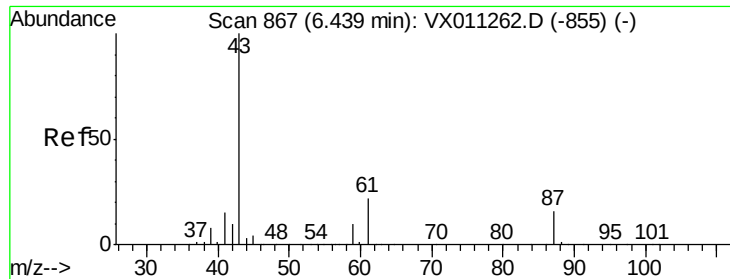
#42
1,2-Dichloroethane
Concen: 17.954 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.01 min
Lab File: VX011401.D
Acq: 09 Aug 2019 11:48

Tgt Ion:	62	Resp:	39788
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	20.6



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





#43

Isopropyl Acetate

Concen: 16.695 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

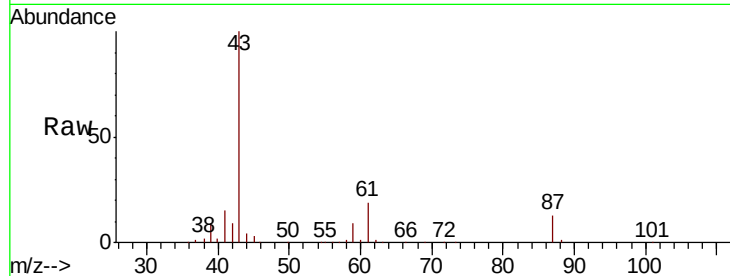
Tgt Ion: 43 Resp: 58799

Ion Ratio Lower Upper

43 100

61 20.5 16.5 24.7

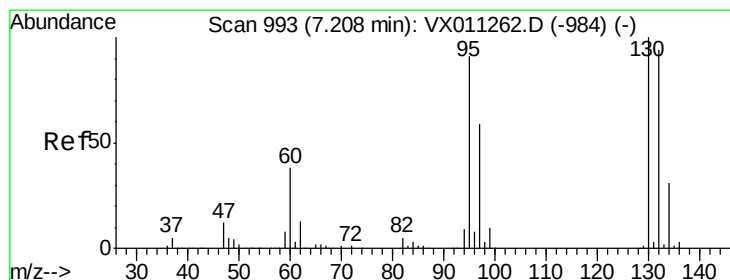
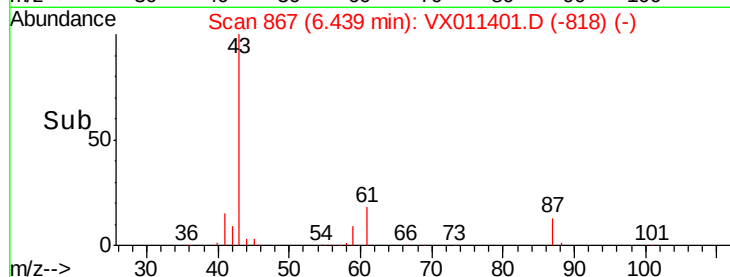
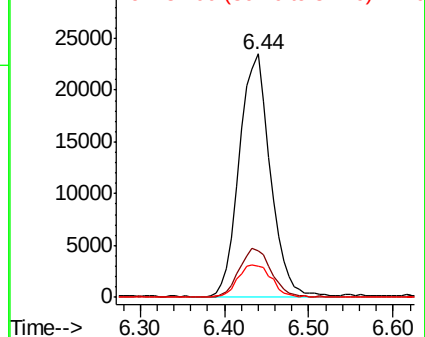
87 14.7 12.1 18.1



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: 15.752 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011401.D

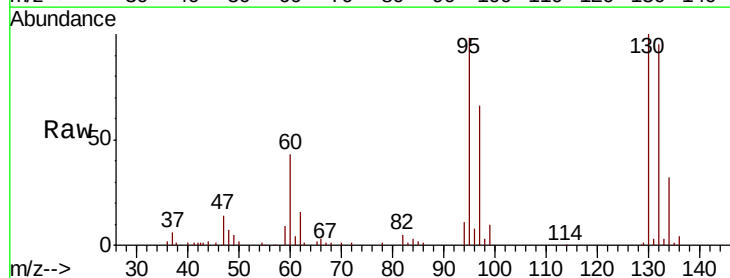
Acq: 09 Aug 2019 11:48

Tgt Ion: 130 Resp: 31247

Ion Ratio Lower Upper

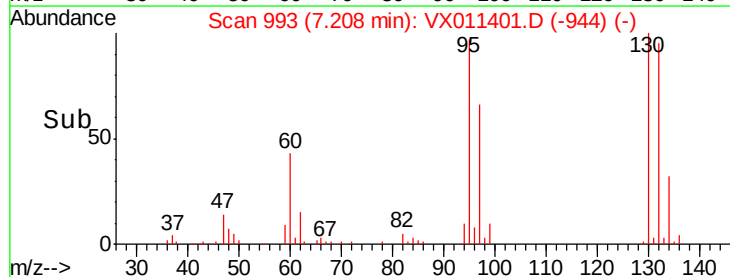
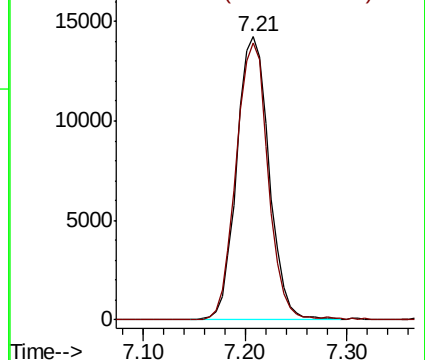
130 100

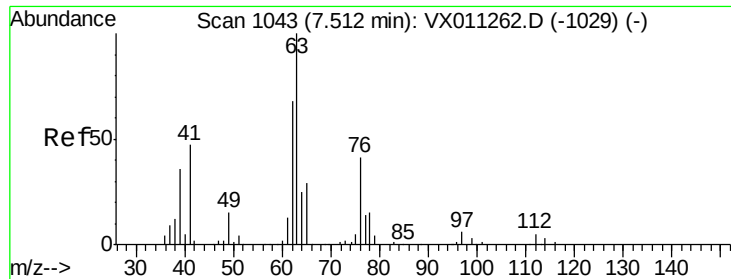
95 97.7 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

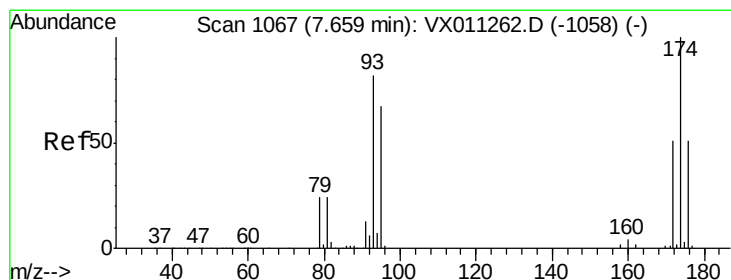
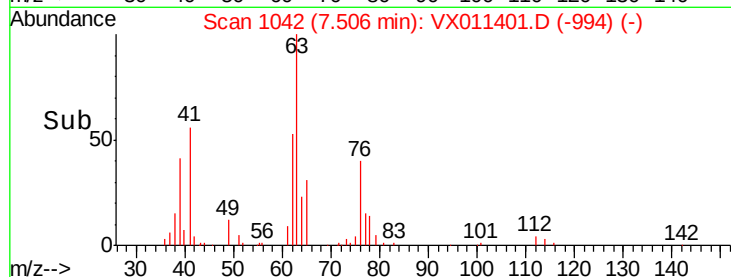
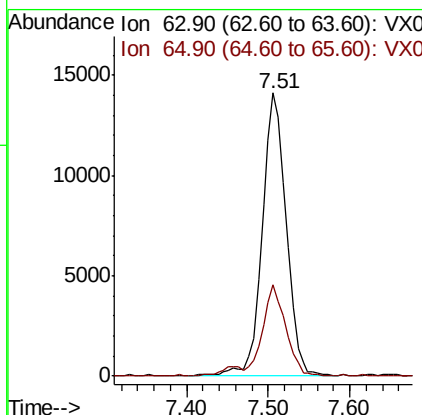
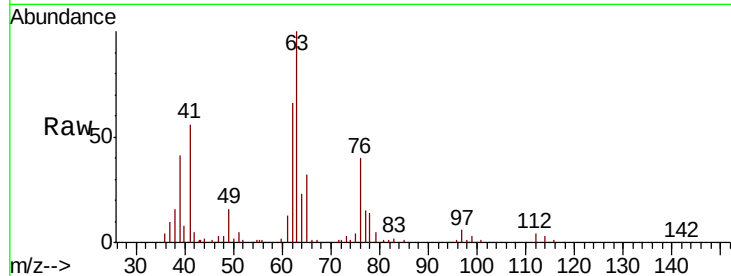




#45
 1,2-Dichloropropane
 Concen: 17.071 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011401.D
 Acq: 09 Aug 2019 11:48

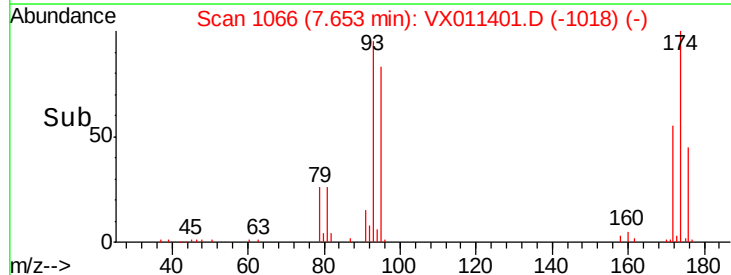
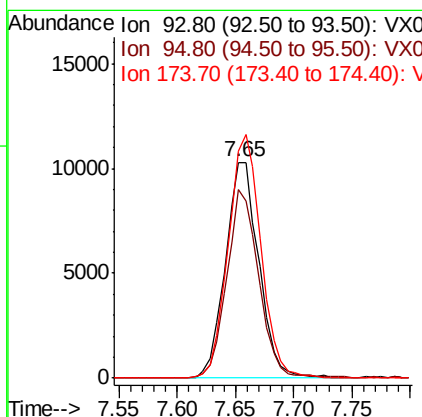
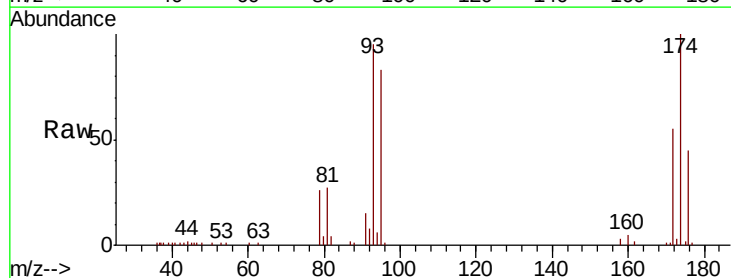
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

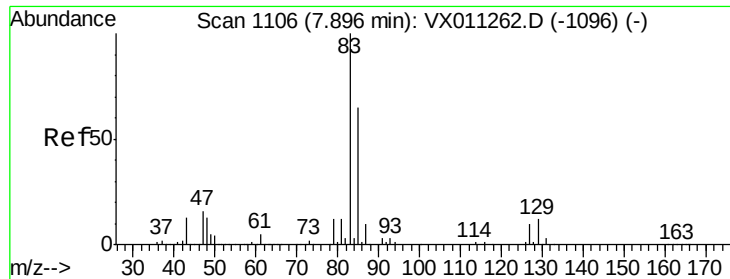
Tgt Ion: 63 Resp: 28975
 Ion Ratio Lower Upper
 63 100
 65 32.1 23.3 34.9



#46
 Dibromomethane
 Concen: 16.636 ug/l
 RT: 7.65 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: VX011401.D
 Acq: 09 Aug 2019 11:48

Tgt Ion: 93 Resp: 20613
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.4 99.6
 174 110.1 93.4 140.2





#47

Bromodichloromethane

Concen: 17.210 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

Instrument :

MSVOA_X

ClientSampled :

VX0809WBS01

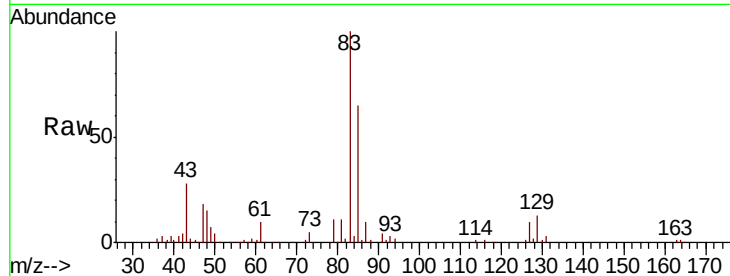
Tgt Ion: 83 Resp: 36104

Ion Ratio Lower Upper

83 100

85 65.4 52.2 78.2

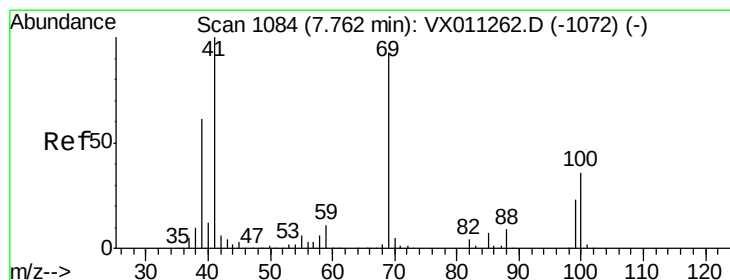
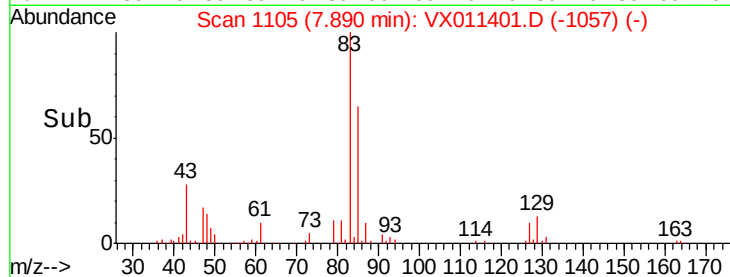
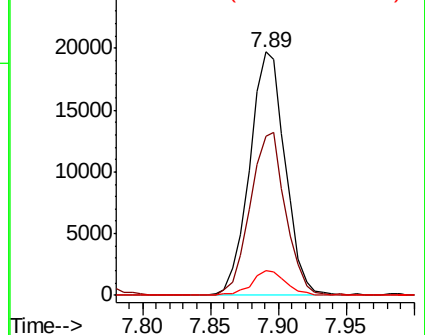
127 10.2 7.8 11.8



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: 17.278 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

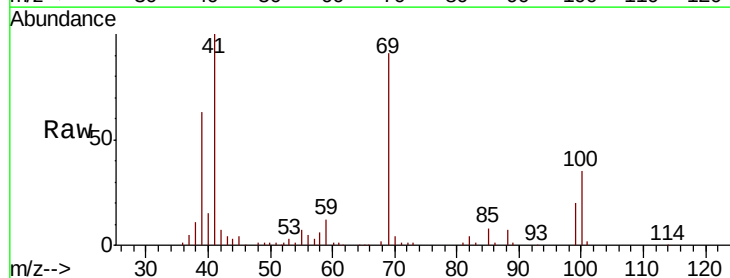
Tgt Ion: 41 Resp: 28638

Ion Ratio Lower Upper

41 100

69 90.4 74.5 111.7

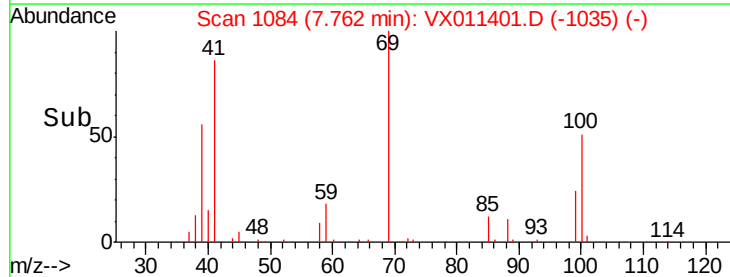
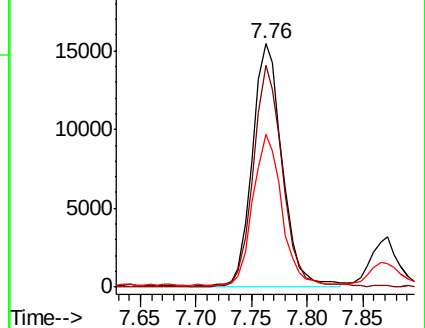
39 61.2 48.6 72.8

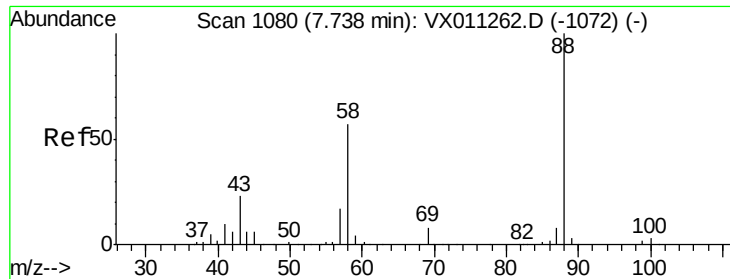


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

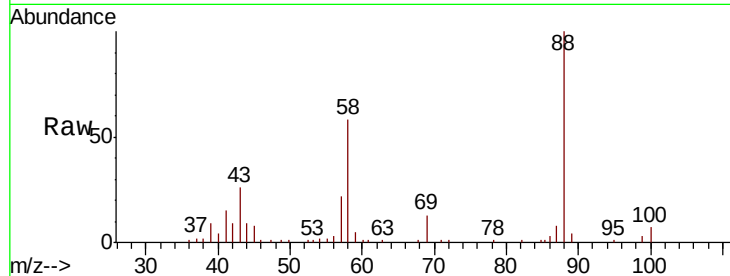




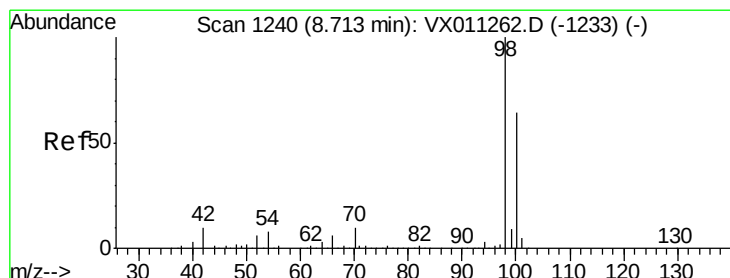
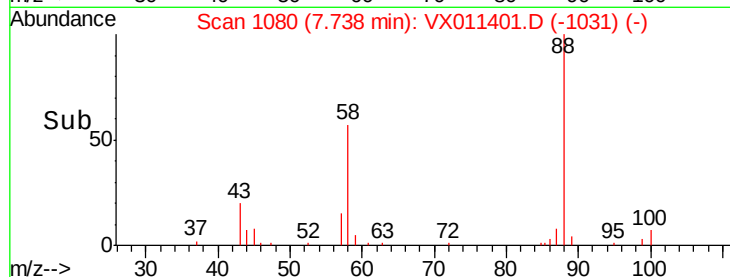
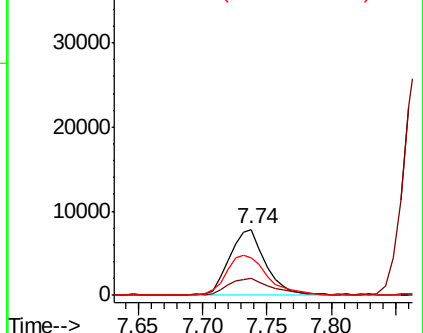
#49
 1,4-Dioxane
 Concen: 319.709 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX011401.D
 Acq: 09 Aug 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

Tgt Ion: 88 Resp: 15363
 Ion Ratio Lower Upper
 88 100
 43 33.1 22.2 33.2
 58 69.2 47.8 71.8

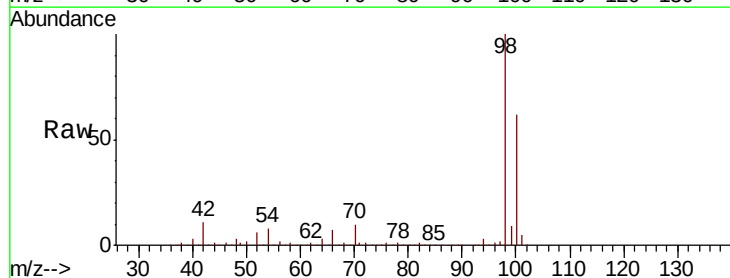


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

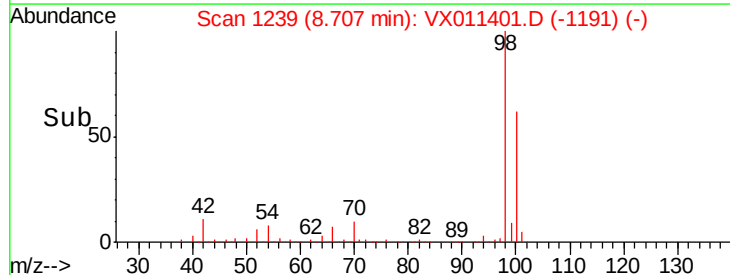
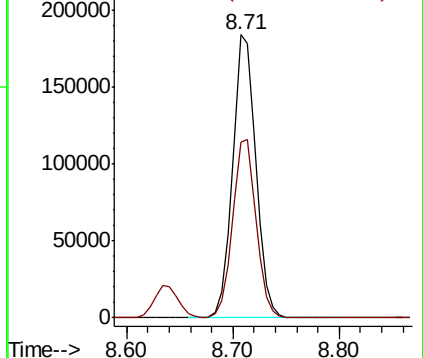


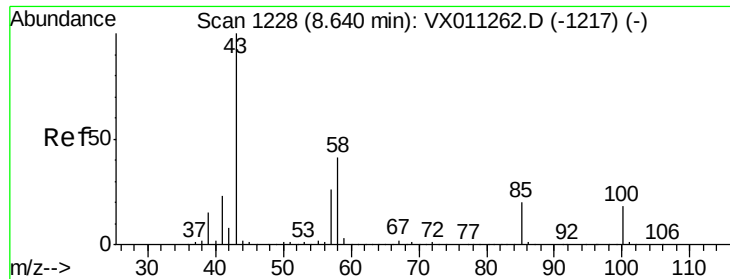
#50
 Toluene-d8
 Concen: 45.426 ug/l
 RT: 8.71 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VX011401.D
 Acq: 09 Aug 2019 11:48

Tgt Ion: 98 Resp: 281601
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 87.562 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

Instrument :

MSVOA_X

ClientSampled :

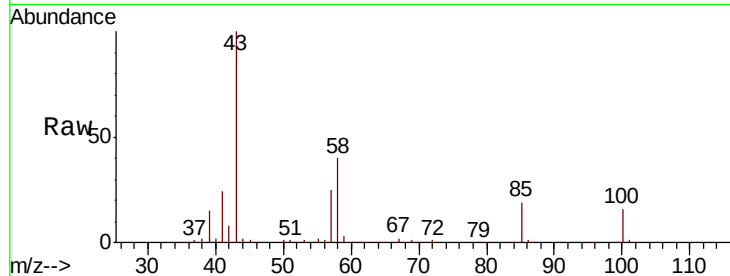
VX0809WBS01

Tgt Ion: 43 Resp: 199028

Ion Ratio Lower Upper

43 100

58 40.3 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

150000

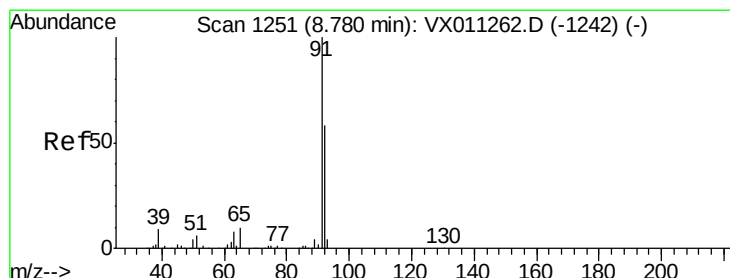
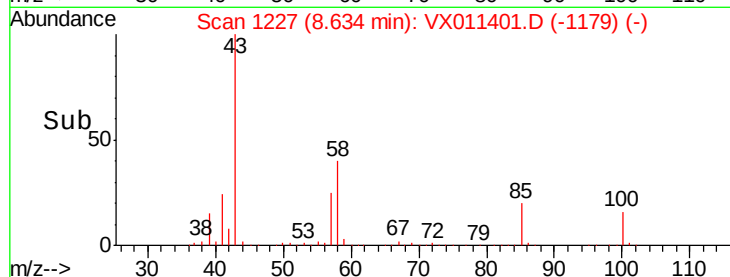
100000

50000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 16.801 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011401.D

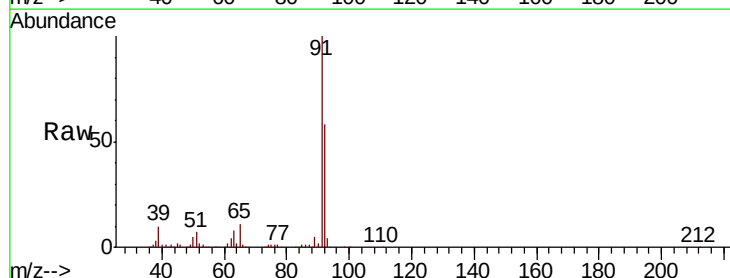
Acq: 09 Aug 2019 11:48

Tgt Ion: 92 Resp: 72800

Ion Ratio Lower Upper

92 100

91 174.2 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

80000

60000

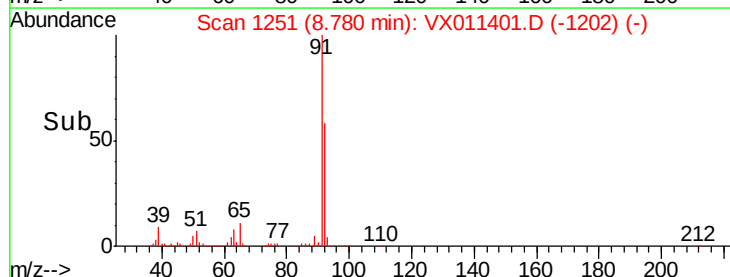
40000

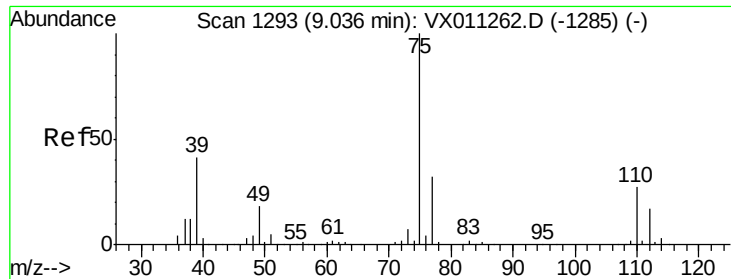
20000

0

8.70 8.75 8.80 8.85

Time-->

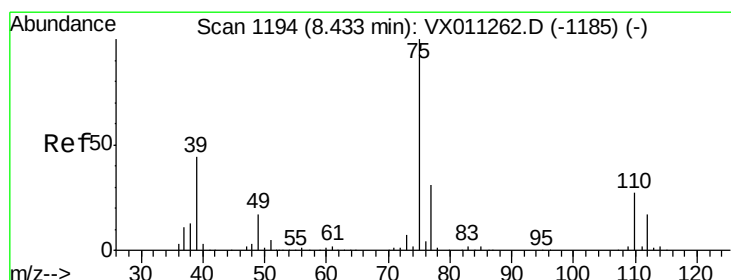
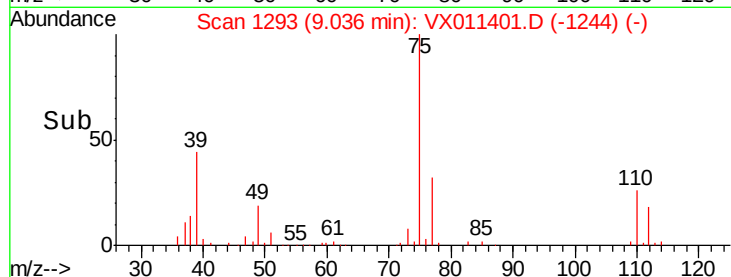
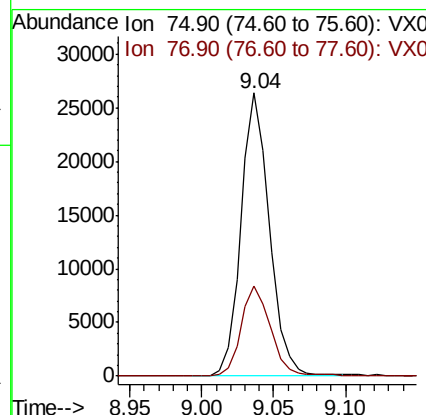
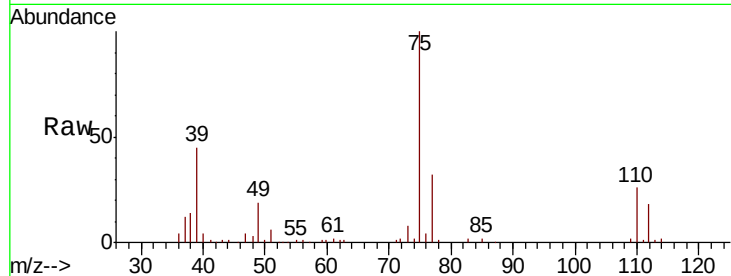




#53
 t-1,3-Dichloropropene
 Concen: 16.877 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011401.D
 Acq: 09 Aug 2019 11:48

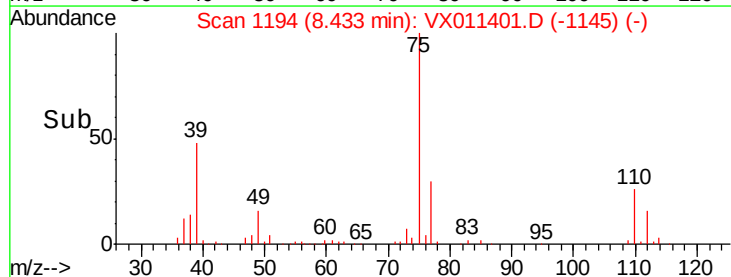
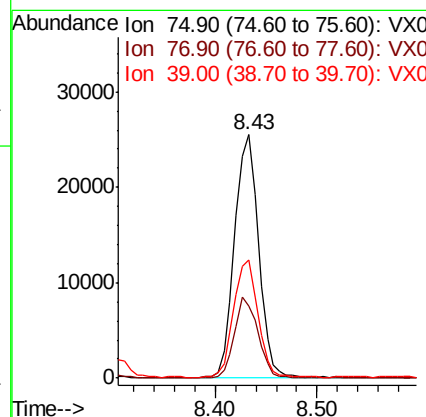
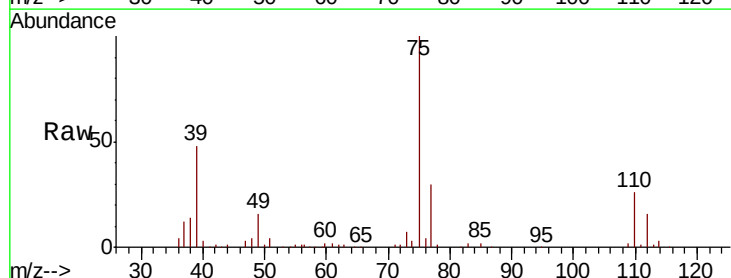
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

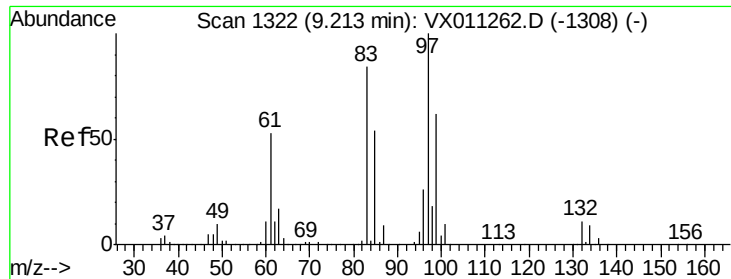
Tgt Ion: 75 Resp: 36361
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 16.995 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX011401.D
 Acq: 09 Aug 2019 11:48

Tgt Ion: 75 Resp: 41647
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.0 37.6
 39 48.1 35.3 52.9

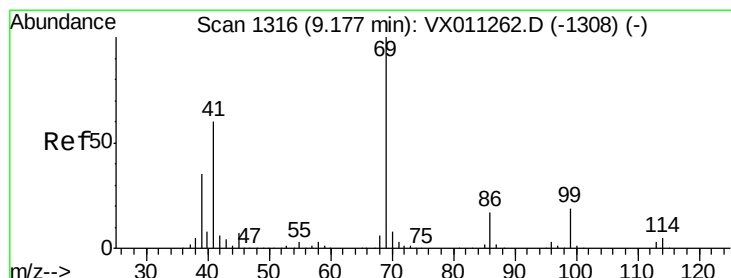
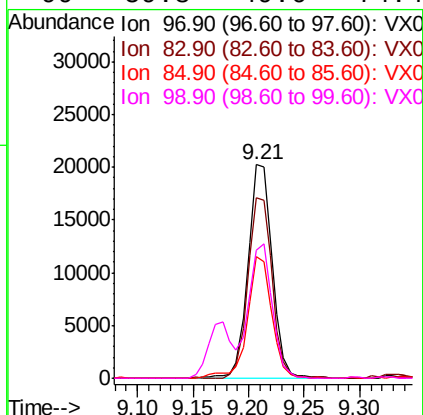
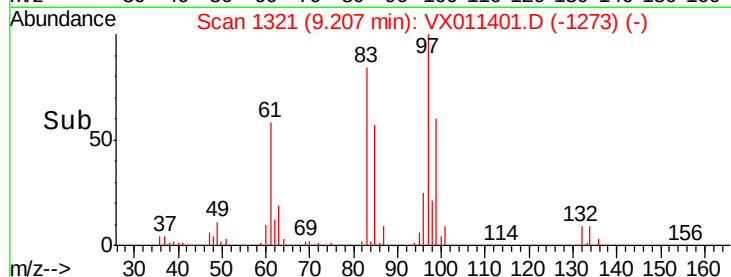
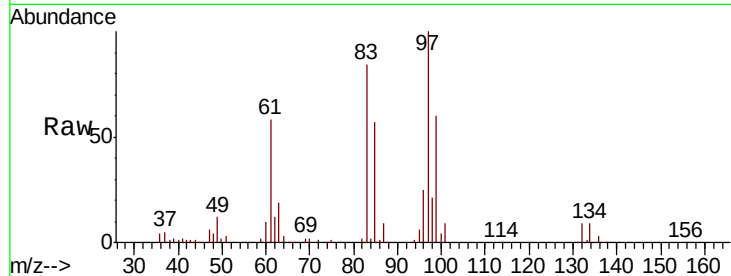




#55
 1,1,2-Trichloroethane
 Concen: 17.167 ug/l
 RT: 9.21 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VX011401.D
 Acq: 09 Aug 2019 11:48

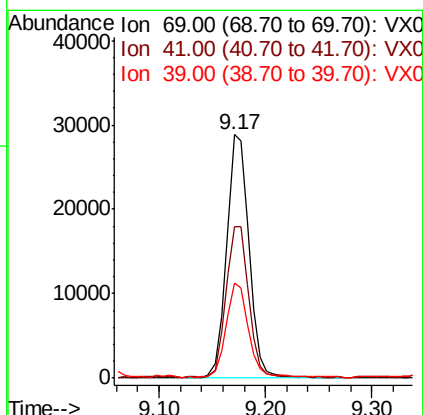
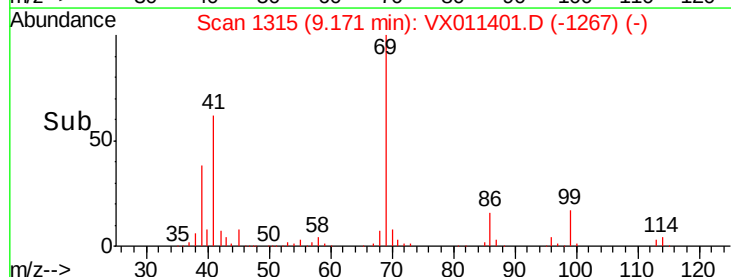
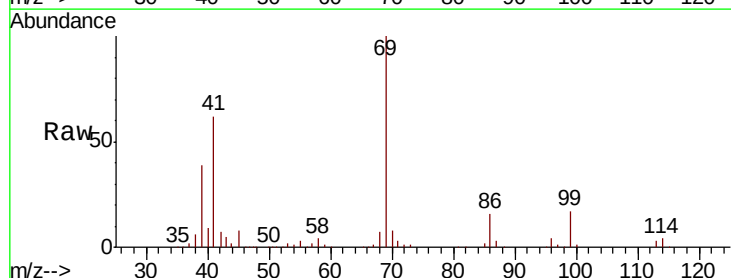
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

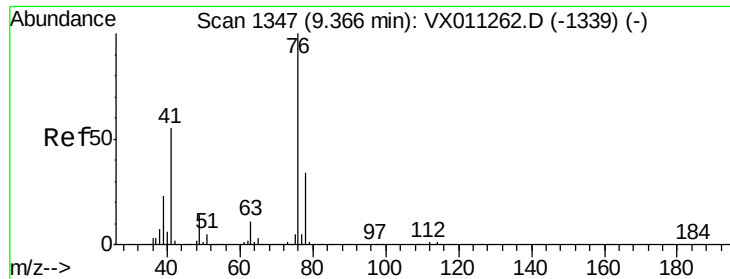
Tgt Ion:	97	Resp:	30584
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.6	101.4
85	56.8	43.4	65.0
99	59.8	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 16.825 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX011401.D
 Acq: 09 Aug 2019 11:48

Tgt Ion:	69	Resp:	42717
Ion	Ratio	Lower	Upper
69	100		
41	62.5	48.6	73.0
39	38.5	29.4	44.2

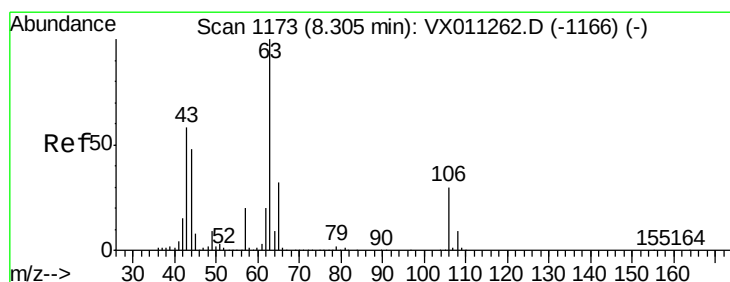
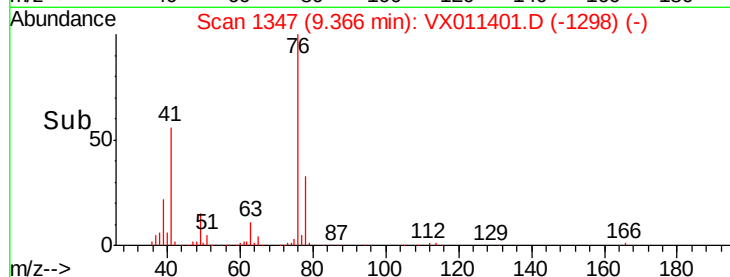
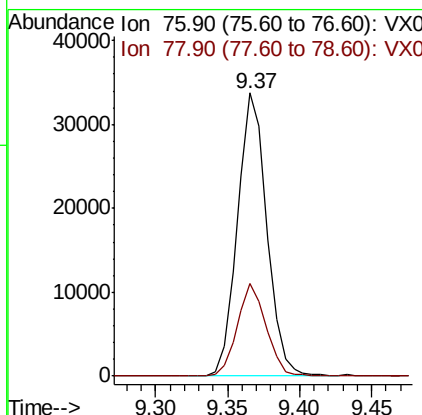
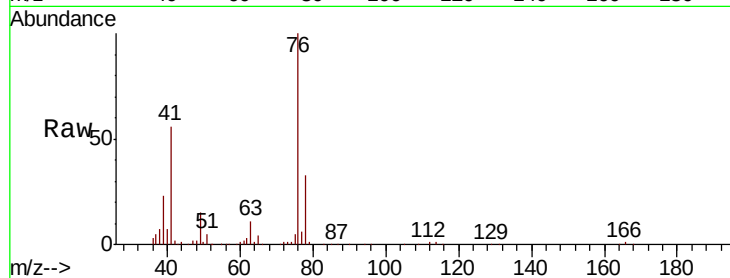




#57
 1,3-Dichloropropane
 Concen: 16.972 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011401.D
 Acq: 09 Aug 2019 11:48

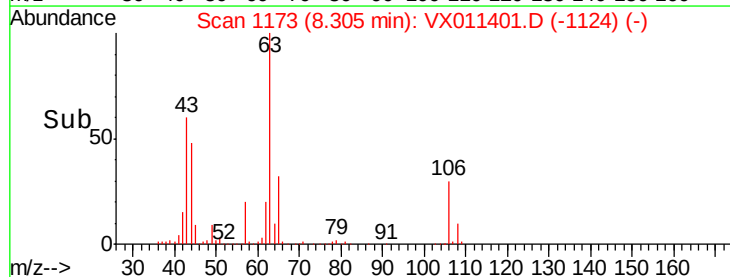
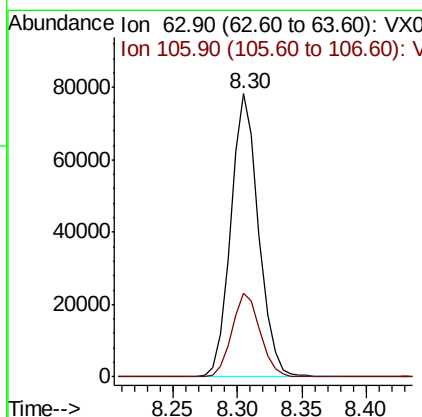
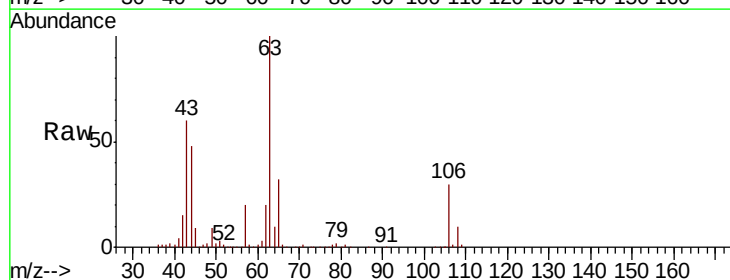
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

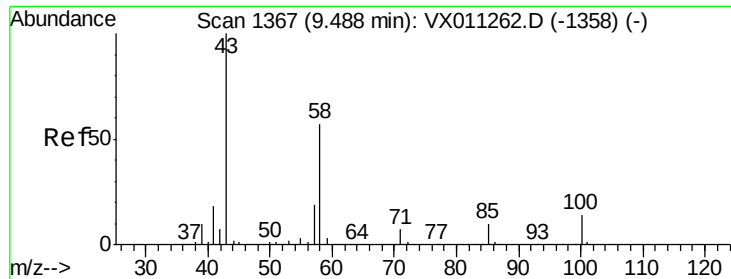
Tgt Ion: 76 Resp: 47821
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.521 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011401.D
 Acq: 09 Aug 2019 11:48

Tgt Ion: 63 Resp: 117994
 Ion Ratio Lower Upper
 63 100
 106 29.9 24.4 36.6

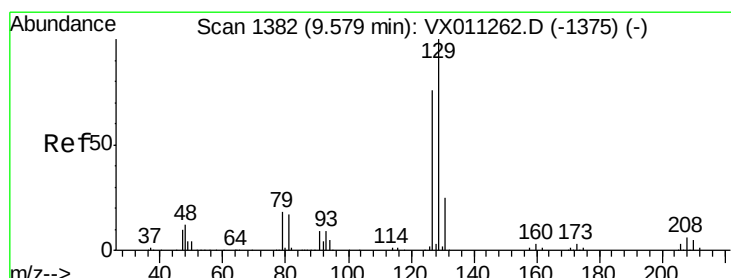
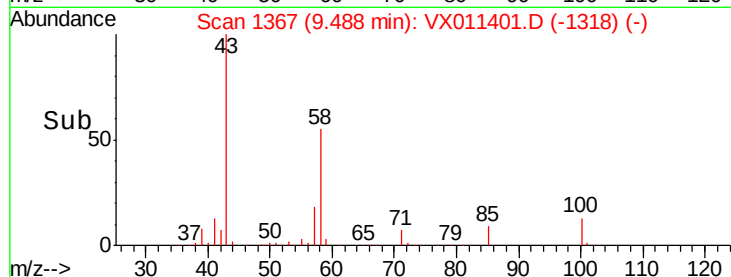
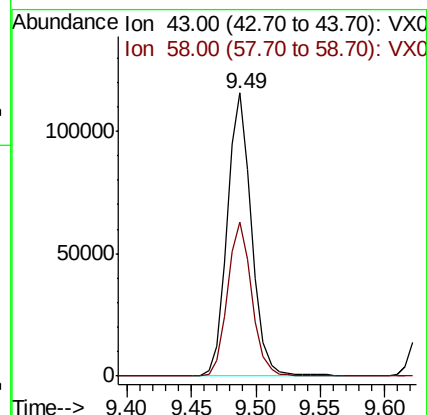
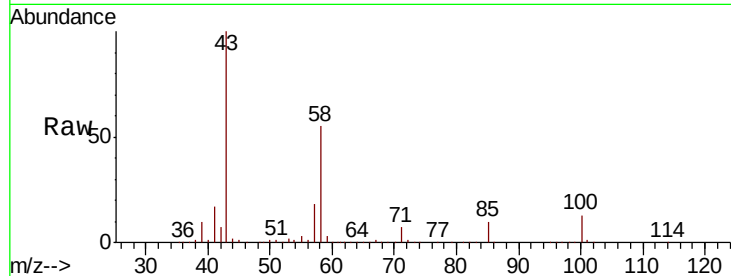




#59
2-Hexanone
Concen: 87.030 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011401.D
Acq: 09 Aug 2019 11:48

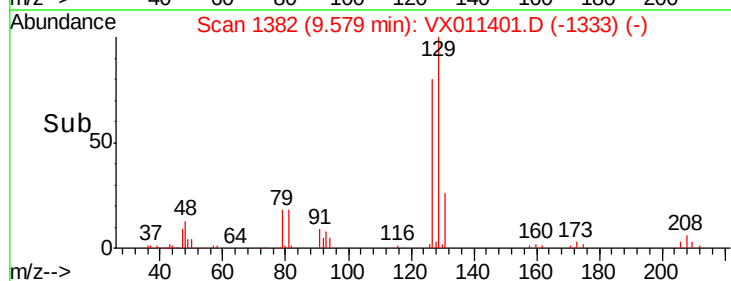
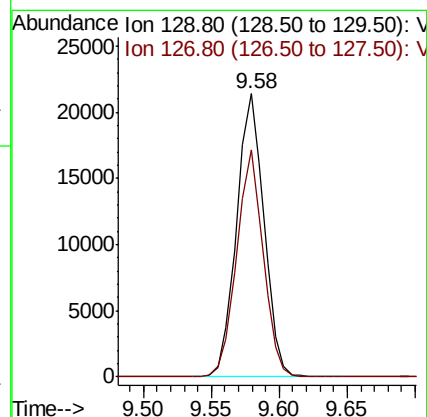
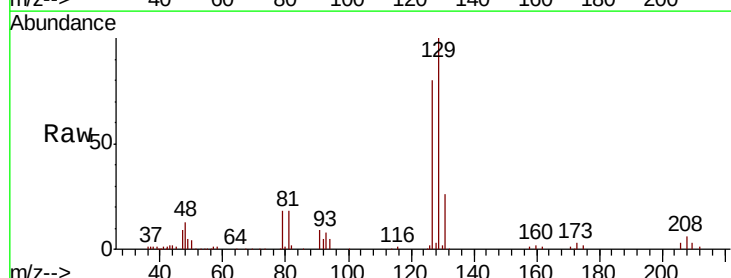
Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

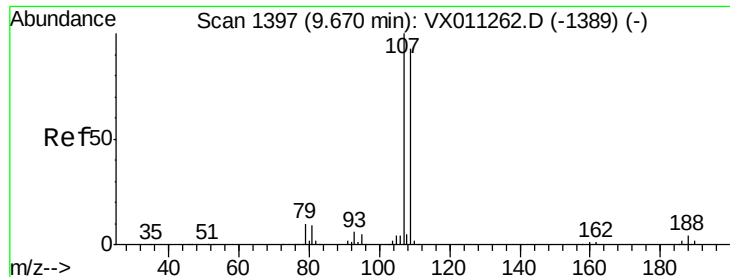
Tgt Ion: 43 Resp: 153224
Ion Ratio Lower Upper
43 100
58 54.8 28.2 84.6



#60
Dibromochloromethane
Concen: 16.458 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011401.D
Acq: 09 Aug 2019 11:48

Tgt Ion: 129 Resp: 30020
Ion Ratio Lower Upper
129 100
127 77.7 39.2 117.6

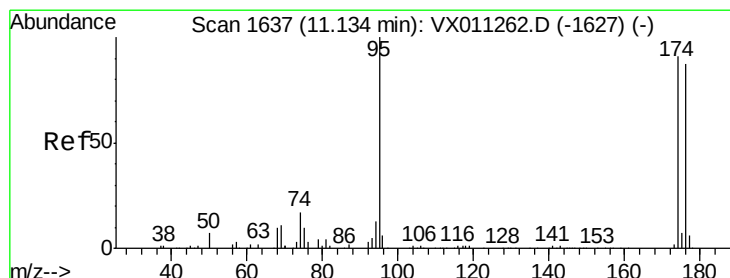
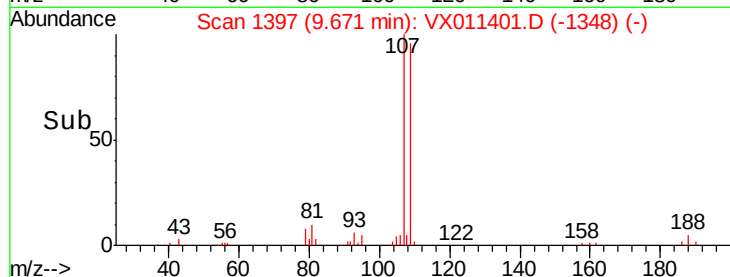
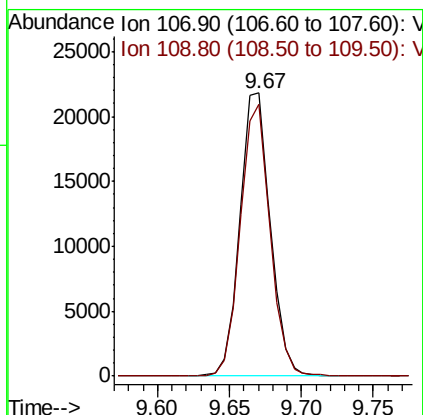
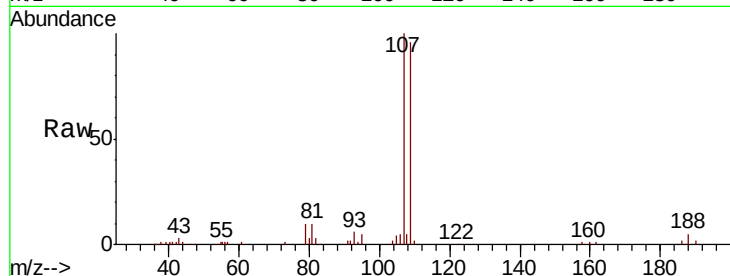




#61
 1,2-Dibromoethane
 Concen: 16.626 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX011401.D
 Acq: 09 Aug 2019 11:48

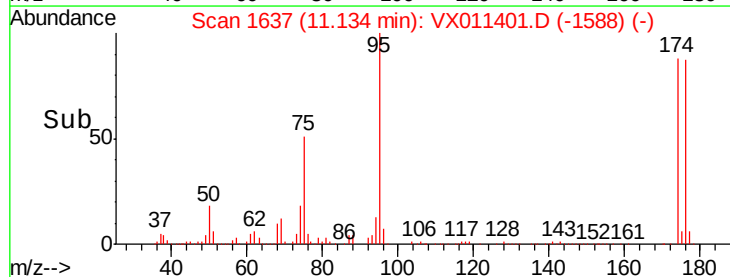
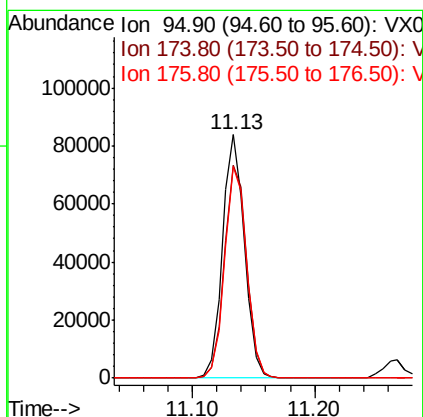
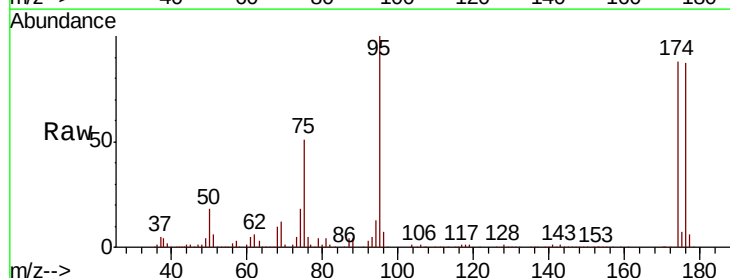
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

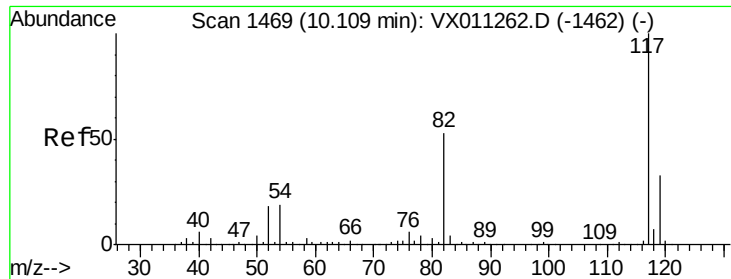
Tgt Ion: 107 Resp: 32002
 Ion Ratio Lower Upper
 107 100
 109 93.8 76.6 114.8



#62
 4-Bromofluorobenzene
 Concen: 46.793 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011401.D
 Acq: 09 Aug 2019 11:48

Tgt Ion: 95 Resp: 103566
 Ion Ratio Lower Upper
 95 100
 174 89.4 0.0 191.2
 176 87.5 0.0 184.8

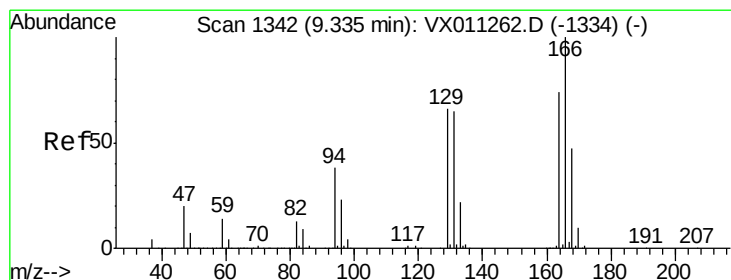
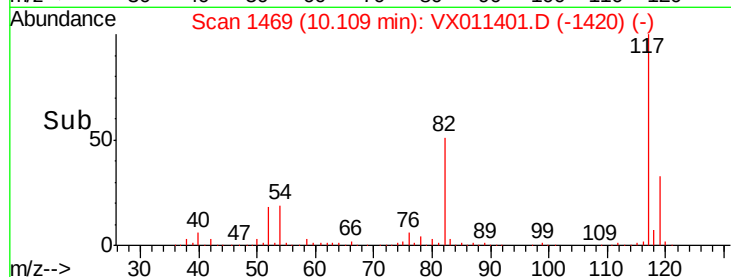
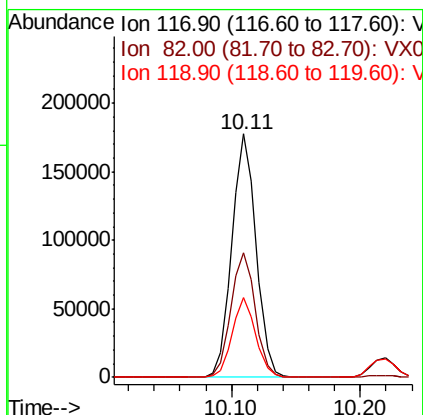
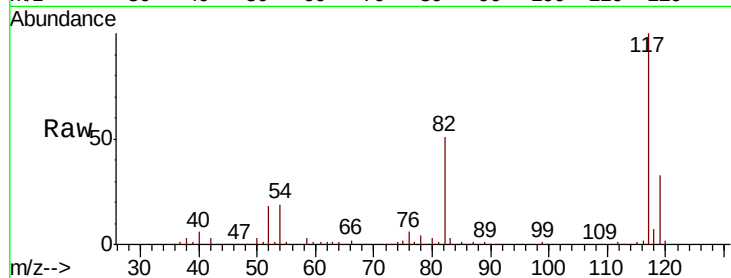




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011401.D
Acq: 09 Aug 2019 11:48

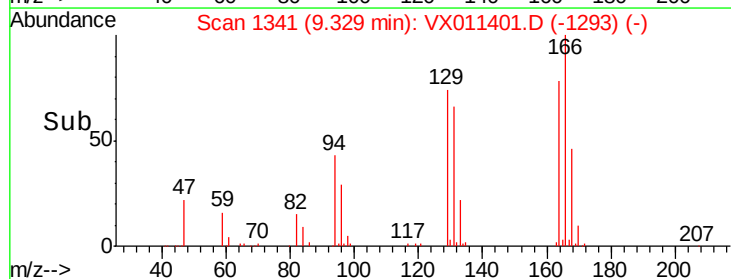
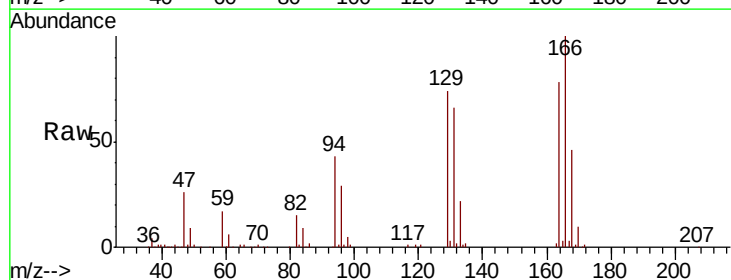
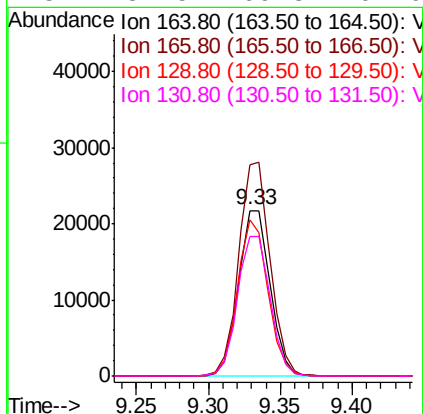
Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

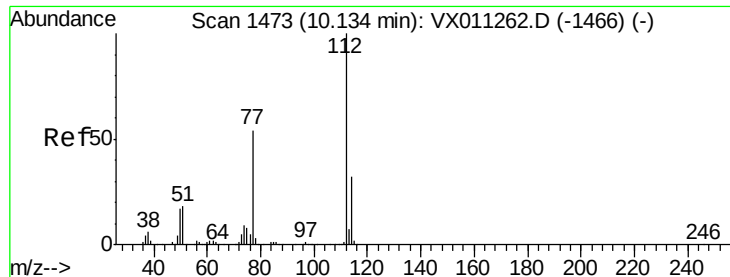
Tgt Ion:117 Resp: 233620
Ion Ratio Lower Upper
117 100
82 51.3 42.2 63.2
119 32.8 26.6 39.8



#64
Tetrachloroethene
Concen: 16.665 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011401.D
Acq: 09 Aug 2019 11:48

Tgt Ion:164 Resp: 33063
Ion Ratio Lower Upper
164 100
166 127.4 107.5 161.3
129 94.2 71.0 106.4
131 84.5 69.8 104.6

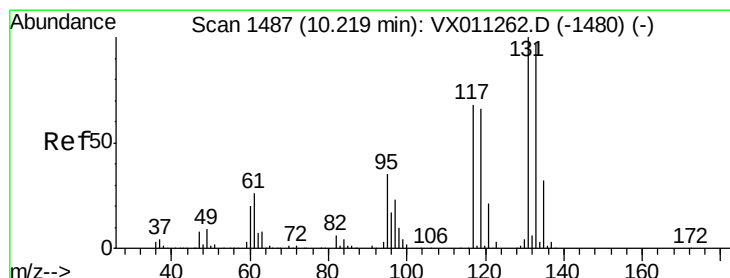
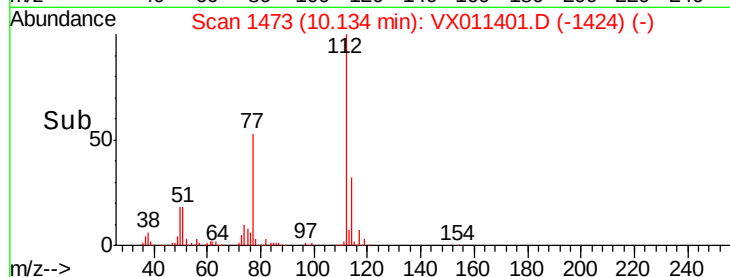
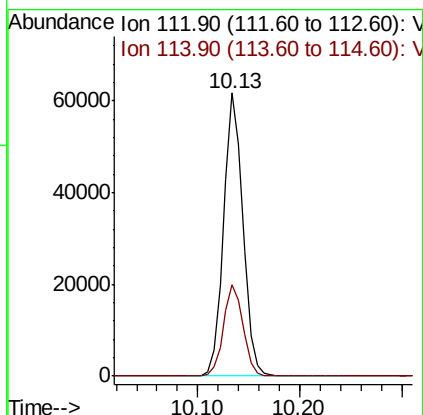
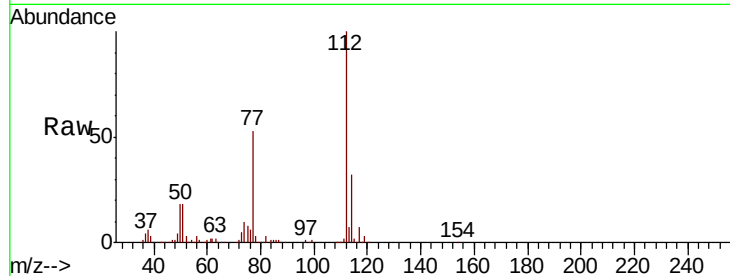




#65
Chlorobenzene
Concen: 16.250 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011401.D
Acq: 09 Aug 2019 11:48

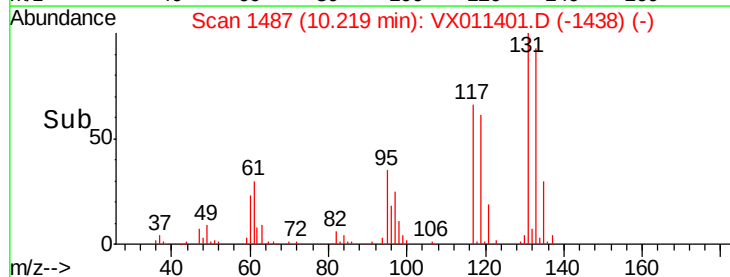
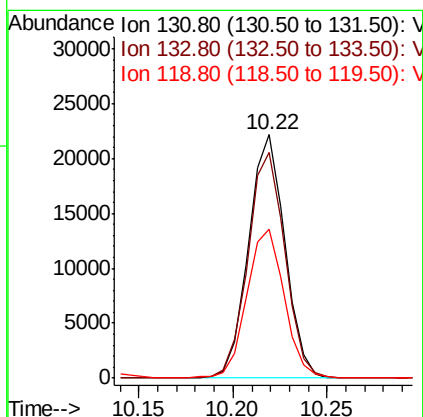
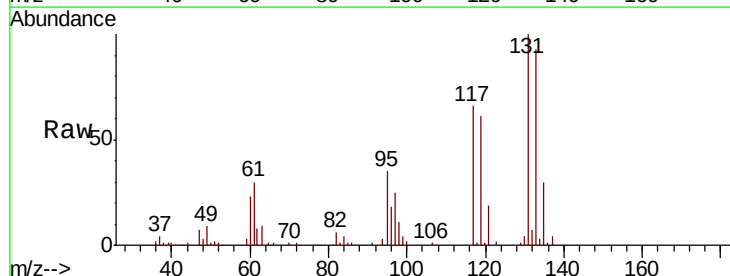
Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

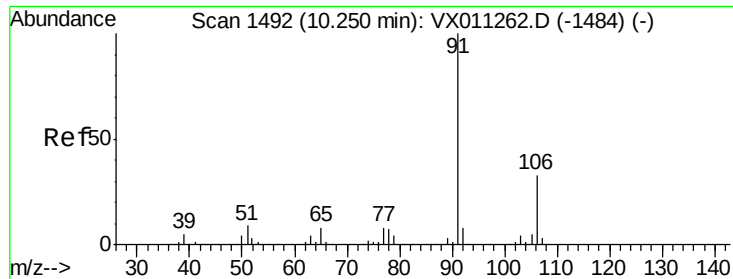
Tgt Ion:112 Resp: 81397
Ion Ratio Lower Upper
112 100
114 32.3 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 17.251 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011401.D
Acq: 09 Aug 2019 11:48

Tgt Ion:131 Resp: 29583
Ion Ratio Lower Upper
131 100
133 95.0 47.7 143.1
119 63.2 32.8 98.3

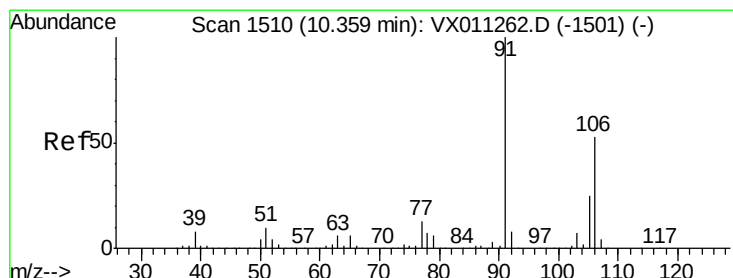
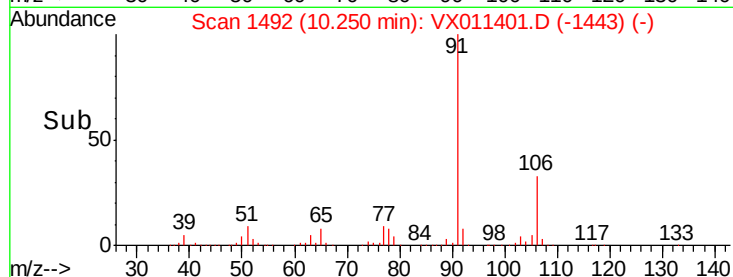
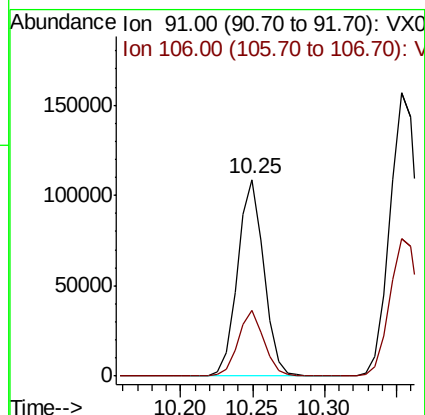
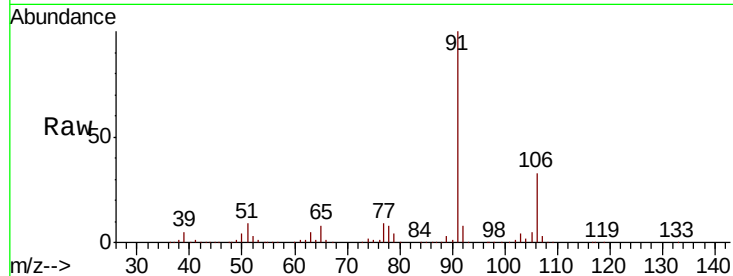




#67
Ethyl Benzene
Concen: 16.487 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011401.D
Acq: 09 Aug 2019 11:48

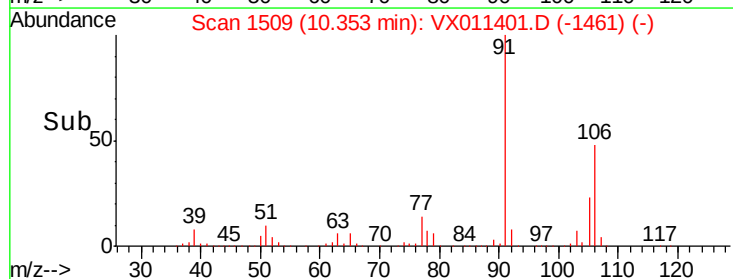
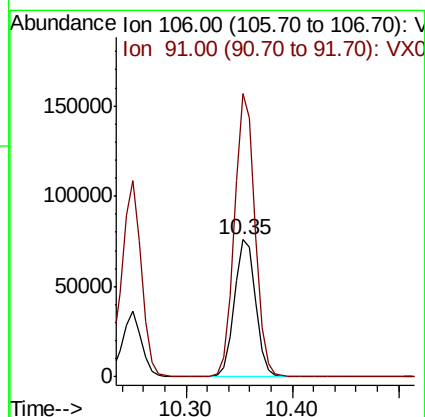
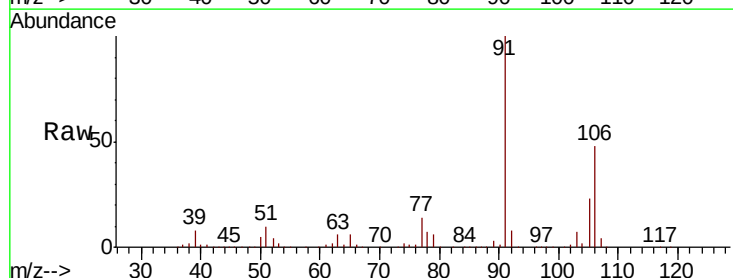
Instrument :
MSVOA_X
ClientSampled :
VX0809WBS01

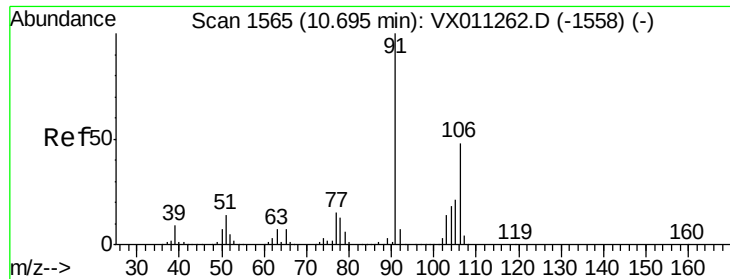
Tgt Ion: 91 Resp: 138311
Ion Ratio Lower Upper
91 100
106 33.3 26.2 39.4



#68
m/p-Xylenes
Concen: 32.919 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011401.D
Acq: 09 Aug 2019 11:48

Tgt Ion: 106 Resp: 106817
Ion Ratio Lower Upper
106 100
91 199.3 155.9 233.9

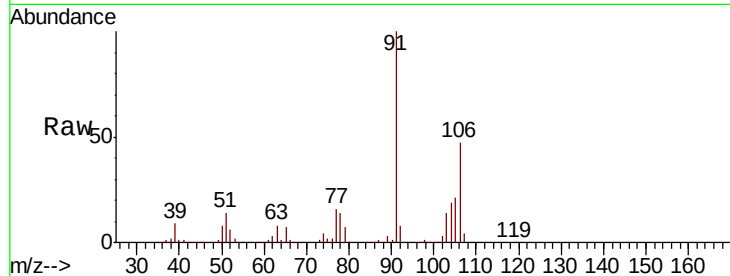




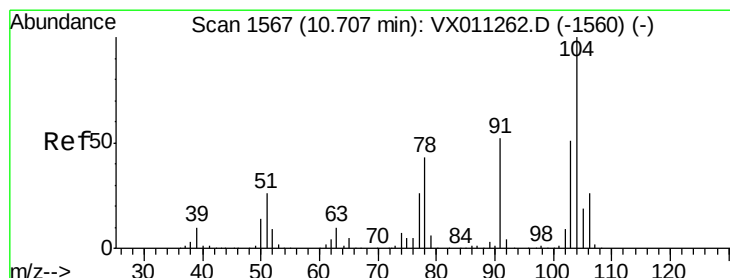
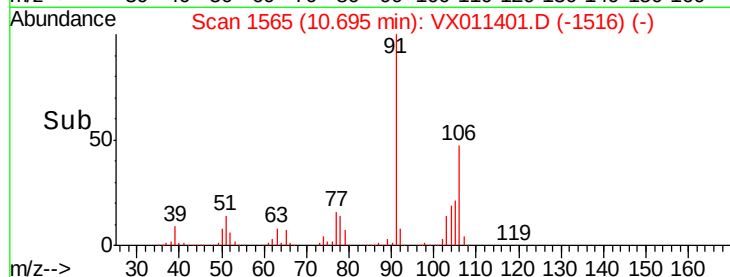
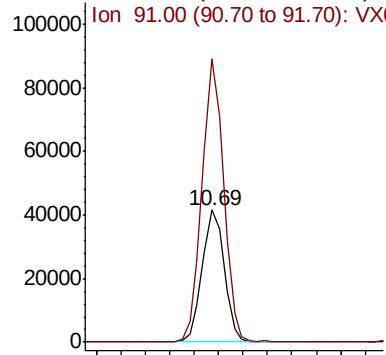
#69
o-Xylene
Concen: 16.257 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011401.D
Acq: 09 Aug 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

Tgt Ion:106 Resp: 51832
Ion Ratio Lower Upper
106 100
91 210.0 103.8 311.3

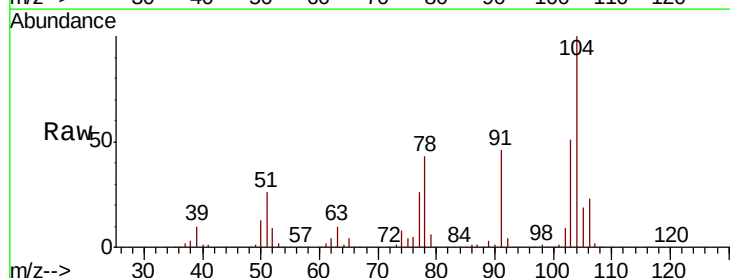


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

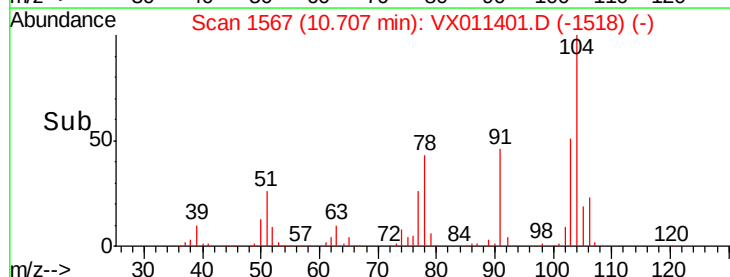
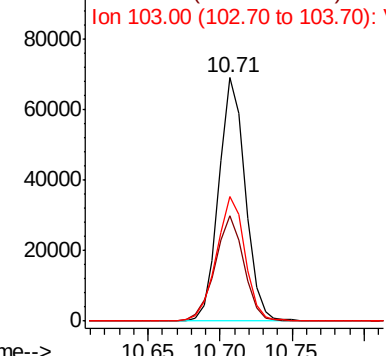


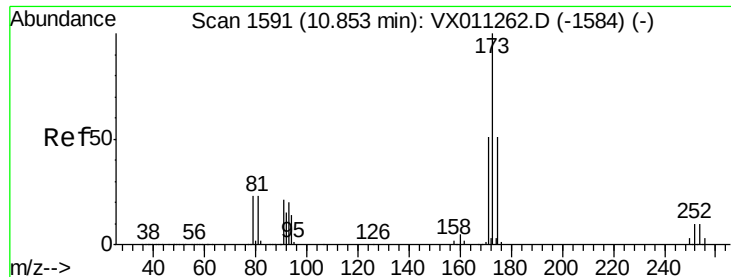
#70
Styrene
Concen: 16.585 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011401.D
Acq: 09 Aug 2019 11:48

Tgt Ion:104 Resp: 87489
Ion Ratio Lower Upper
104 100
78 47.9 36.9 55.3
103 55.7 44.4 66.6



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





#71

Bromoform

Concen: 16.235 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

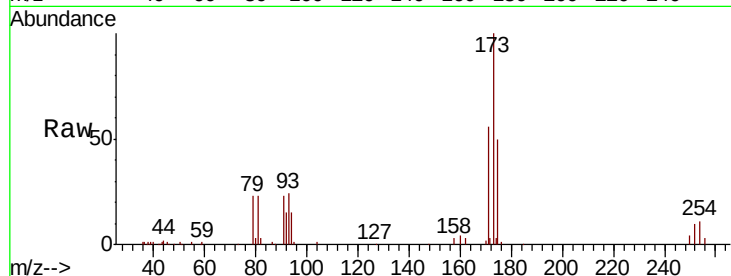
Tgt Ion:173 Resp: 21780

Ion Ratio Lower Upper

173 100

175 48.9 24.4 73.4

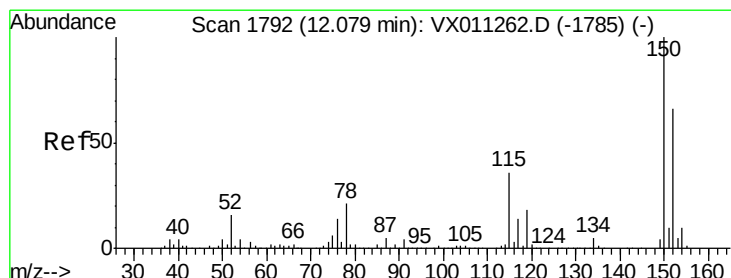
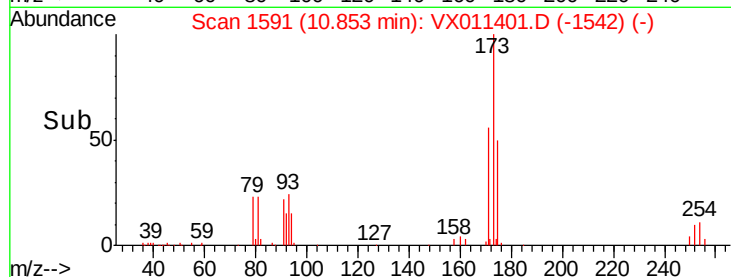
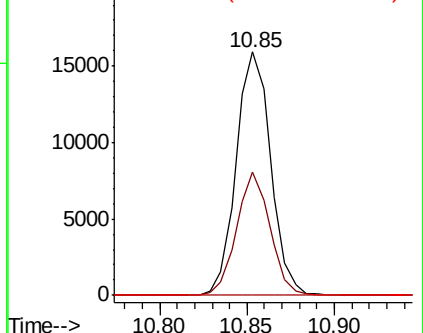
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

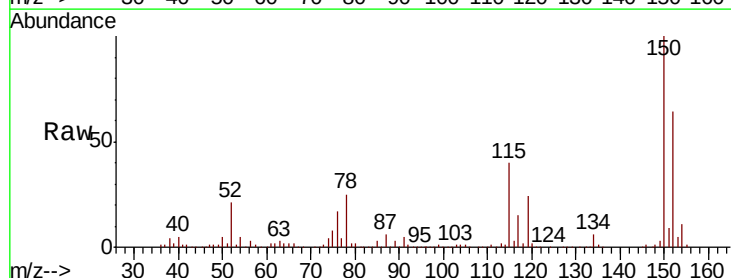
Tgt Ion:152 Resp: 122403

Ion Ratio Lower Upper

152 100

115 64.5 40.0 119.9

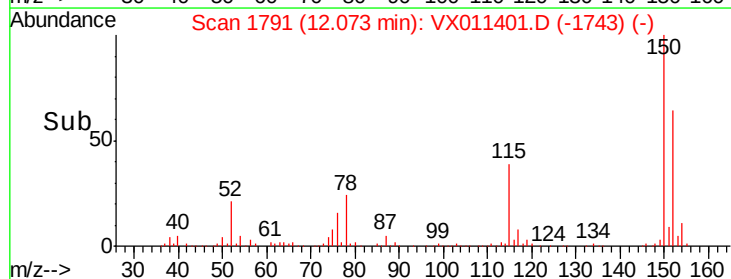
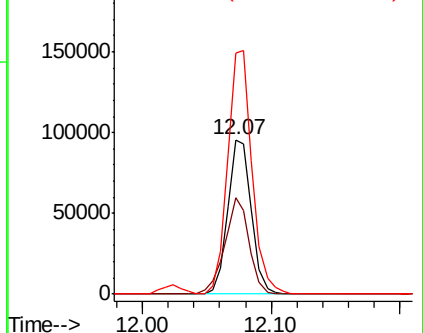
150 163.1 0.0 350.4

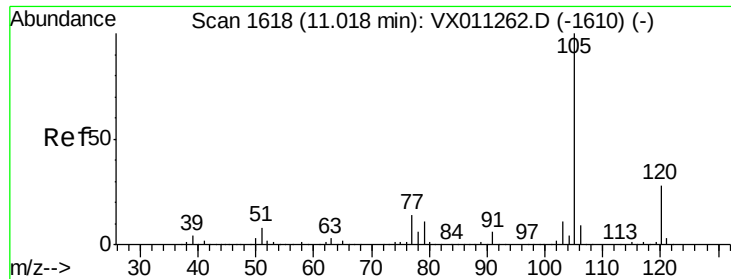


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

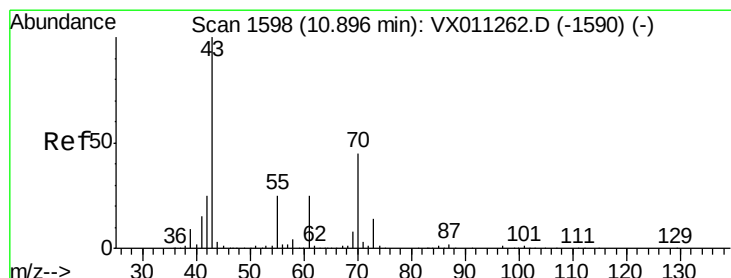
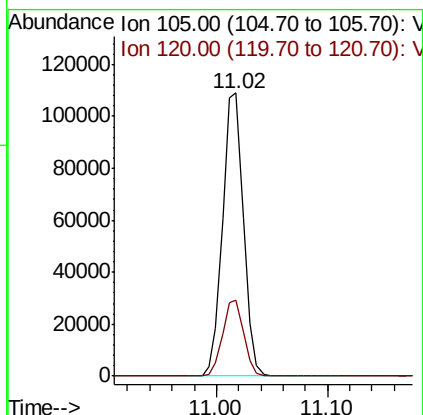
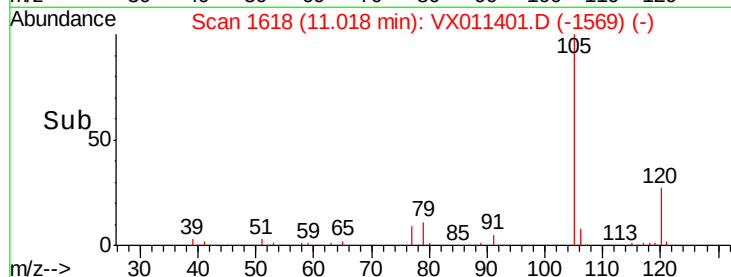
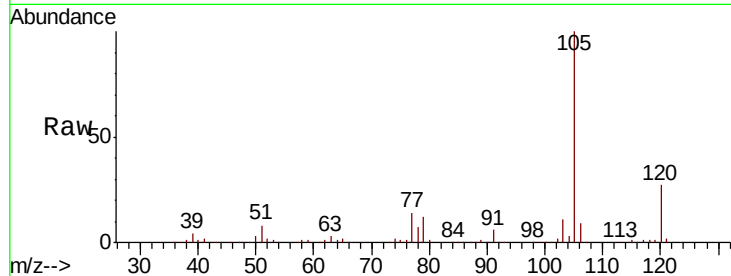




#73
Isopropylbenzene
Concen: 16.905 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX011401.D
Acq: 09 Aug 2019 11:48

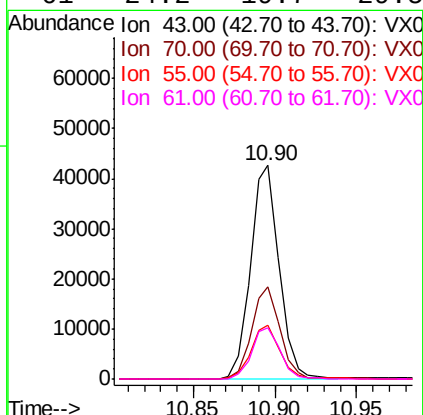
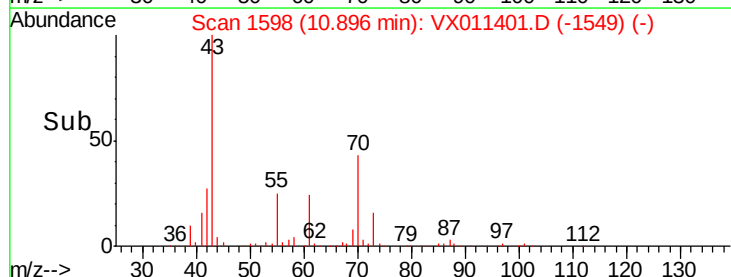
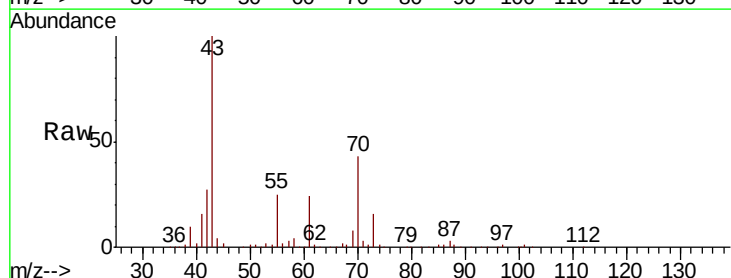
Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

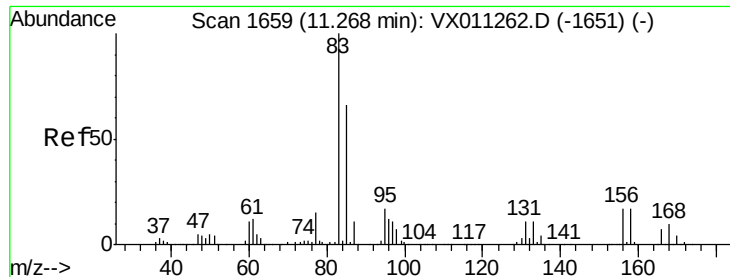
Tgt Ion: 105 Resp: 141521
Ion Ratio Lower Upper
105 100
120 27.0 13.7 41.1



#74
N-ethyl acetate
Concen: 17.212 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX011401.D
Acq: 09 Aug 2019 11:48

Tgt Ion: 43 Resp: 52065
Ion Ratio Lower Upper
43 100
70 42.8 35.9 53.9
55 26.1 19.8 29.6
61 24.2 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 16.907 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

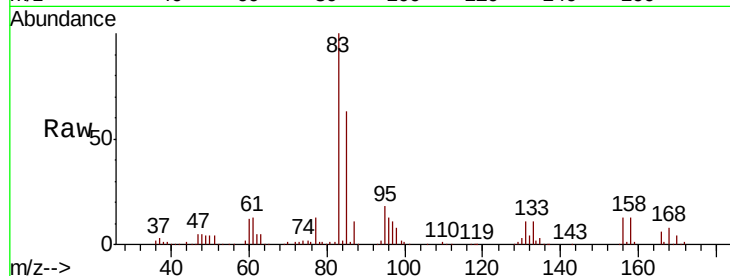
Tgt Ion: 83 Resp: 47168

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

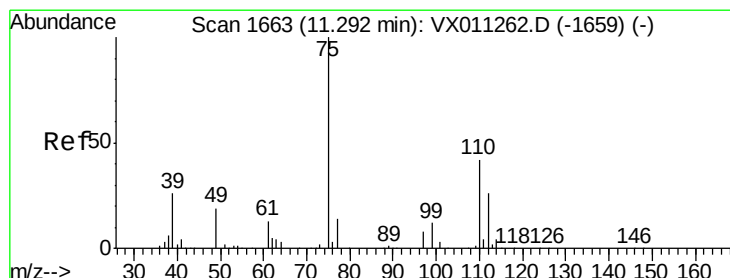
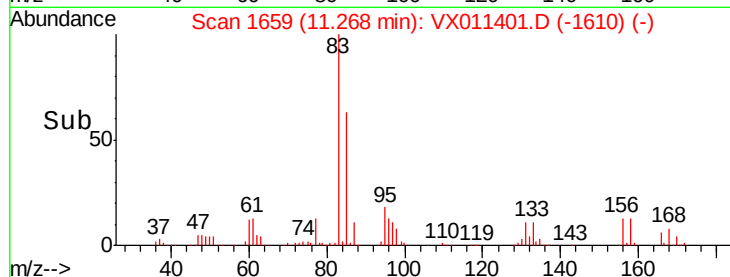
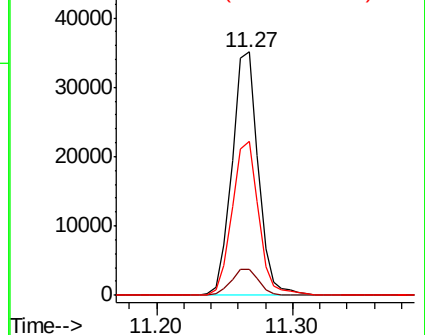
85 64.1 32.1 96.5



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: 21.606 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011401.D

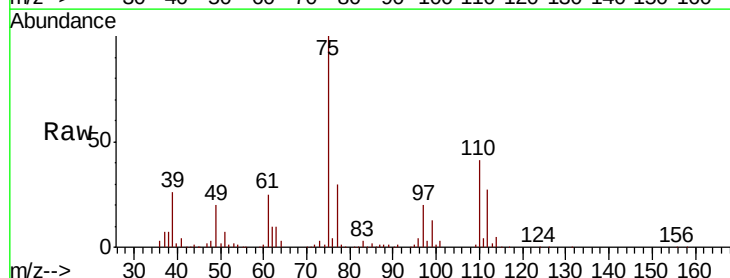
Acq: 09 Aug 2019 11:48

Tgt Ion: 75 Resp: 48163

Ion Ratio Lower Upper

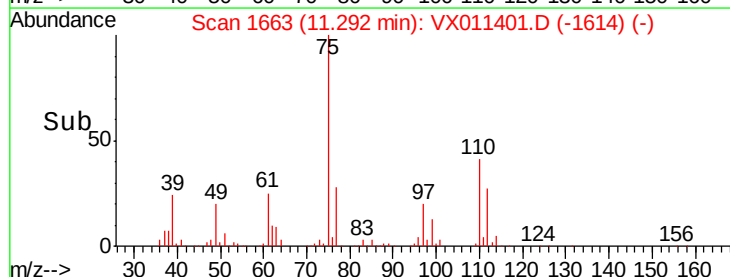
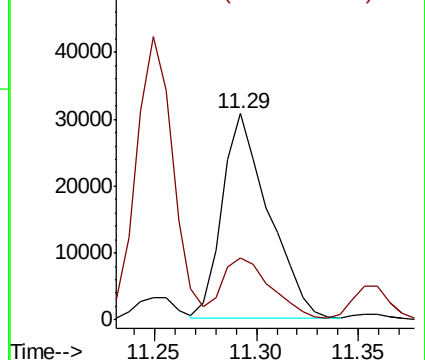
75 100

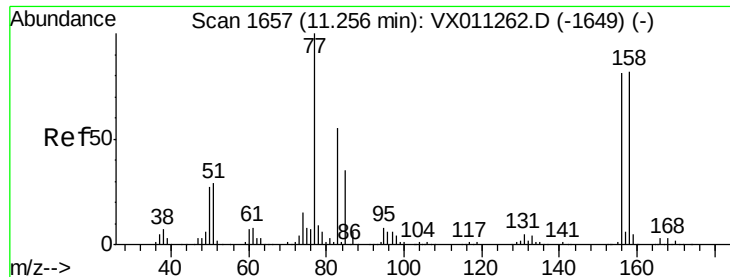
77 32.3 21.1 63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 16.268 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

Instrument :

MSVOA_X

ClientSampled :

VX0809WBS01

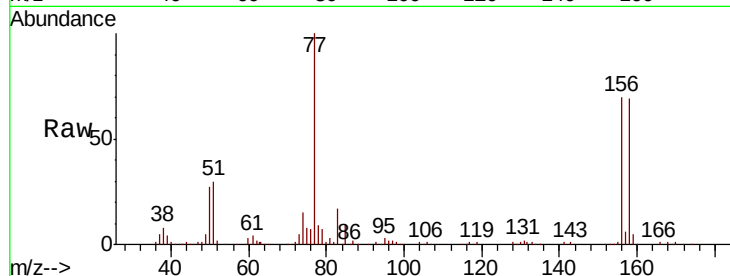
Tgt Ion:156 Resp: 37764

Ion Ratio Lower Upper

156 100

77 140.6 66.2 198.6

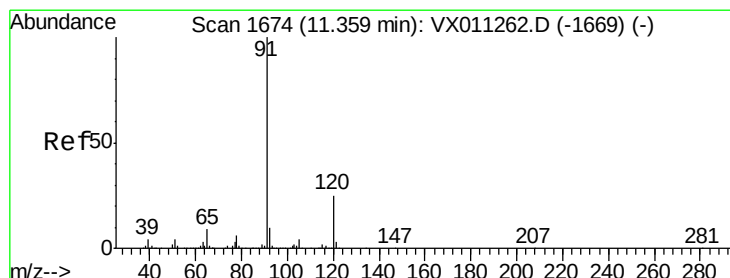
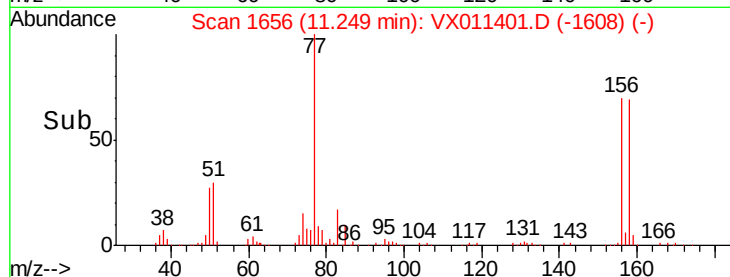
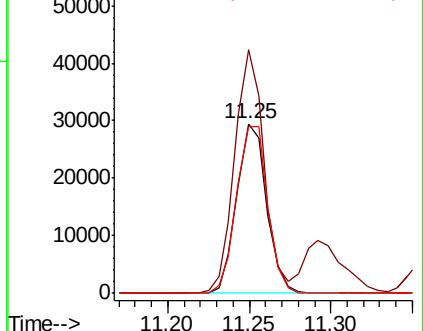
158 102.7 49.1 147.3



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: 16.795 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VX011401.D

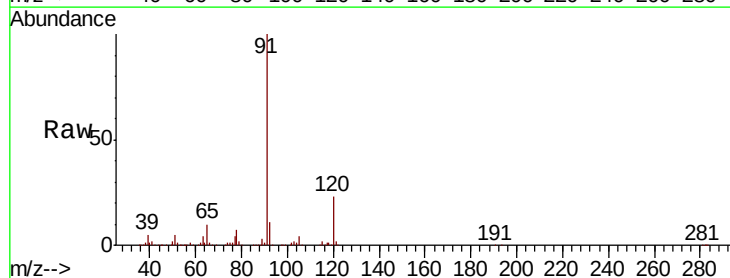
Acq: 09 Aug 2019 11:48

Tgt Ion: 91 Resp: 156356

Ion Ratio Lower Upper

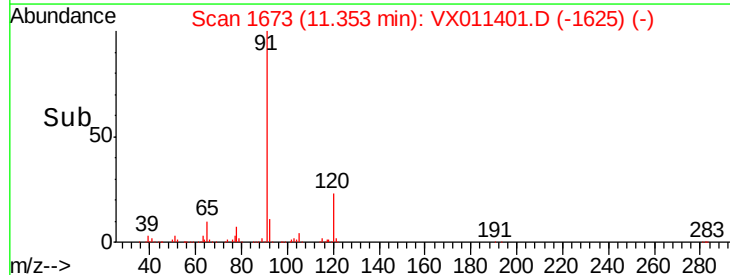
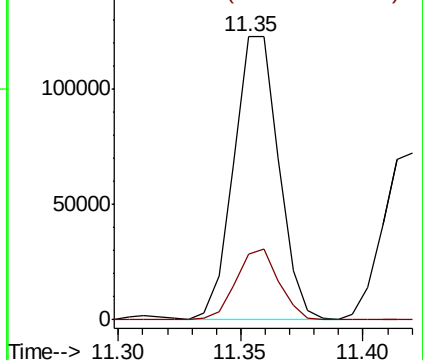
91 100

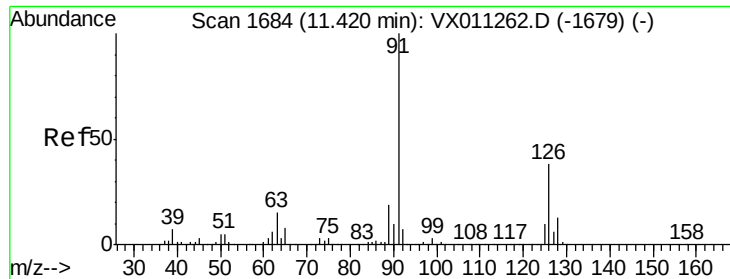
120 24.1 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 16.854 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

Instrument :

MSVOA_X

ClientSampled :

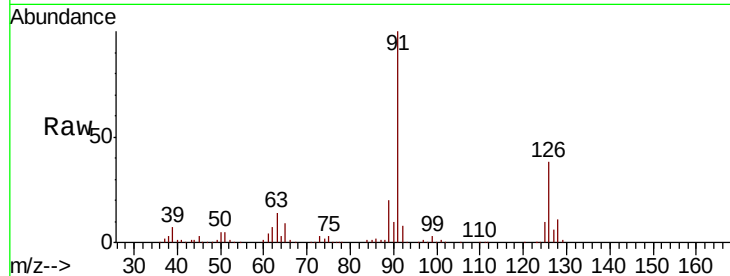
VX0809WBS01

Tgt Ion: 91 Resp: 93521

Ion Ratio Lower Upper

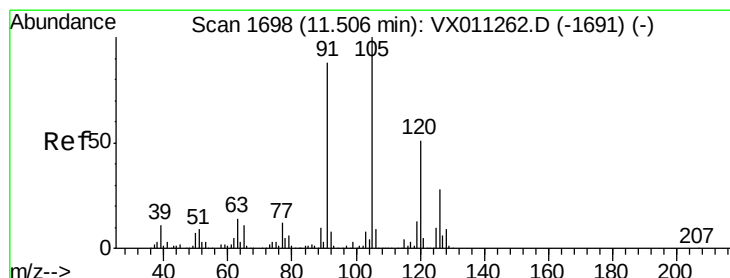
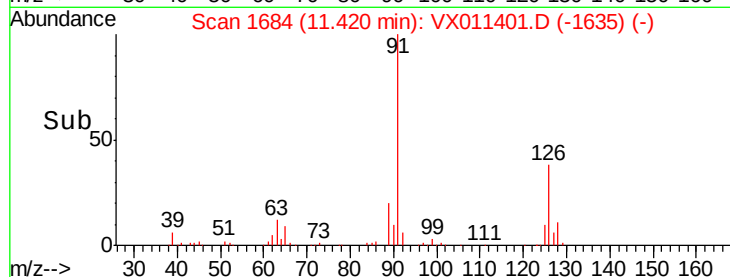
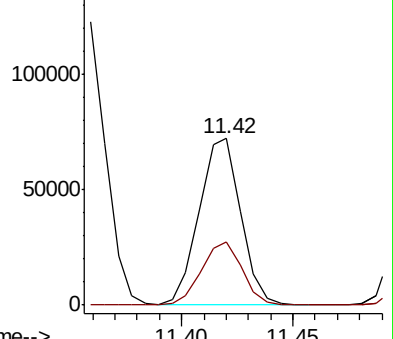
91 100

126 37.3 18.5 55.5



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

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



#80

1,3,5-Trimethylbenzene

Concen: 17.027 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011401.D

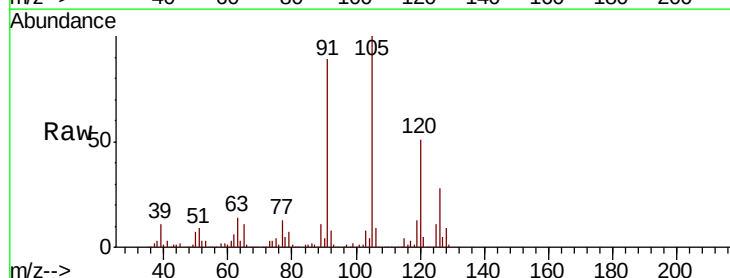
Acq: 09 Aug 2019 11:48

Tgt Ion: 105 Resp: 119319

Ion Ratio Lower Upper

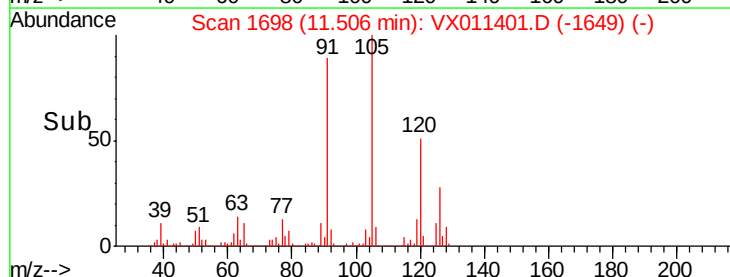
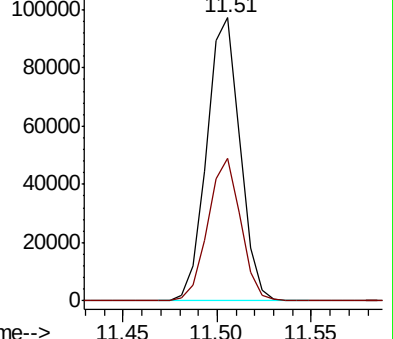
105 100

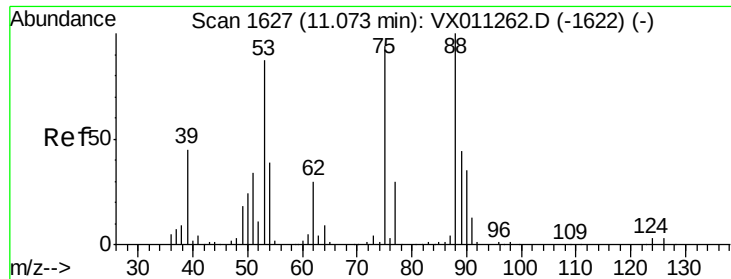
120 49.5 25.1 75.2



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

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

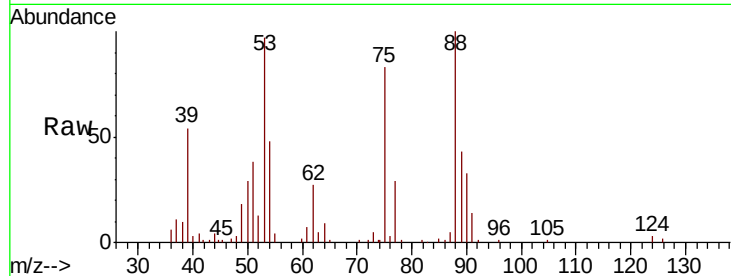




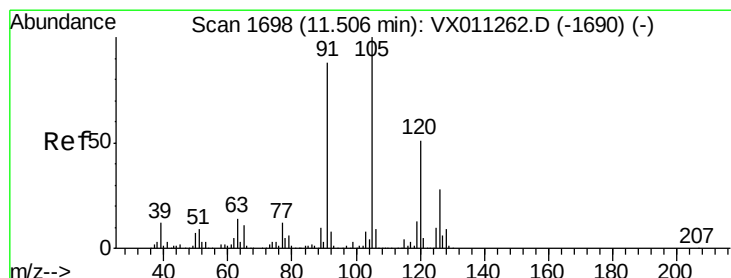
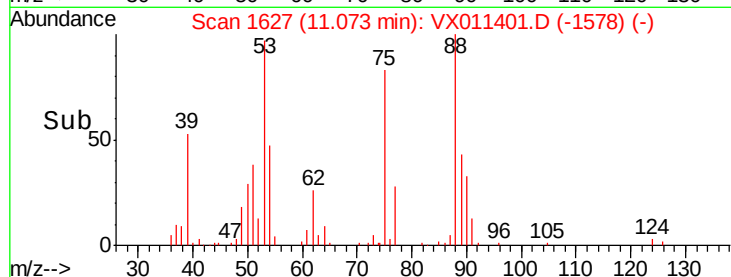
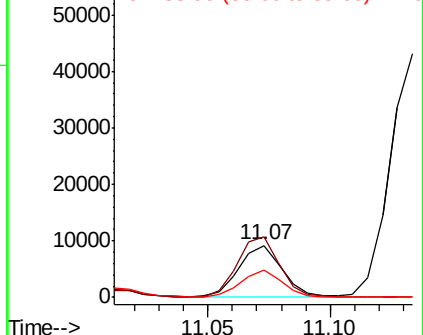
#81
trans-1,4-Dichloro-2-butene
Concen: 16.904 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011401.D
Acq: 09 Aug 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

Tgt Ion: 75 Resp: 11360
Ion Ratio Lower Upper
75 100
53 112.4 78.2 117.4
89 50.6 37.9 56.9

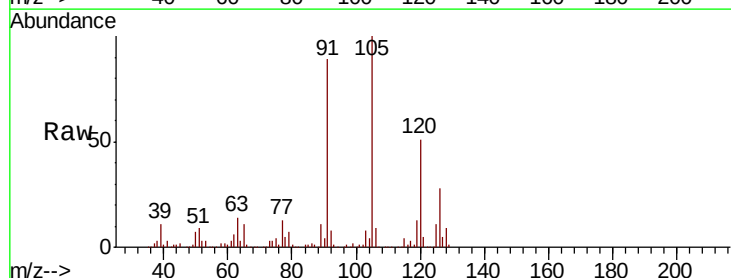


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

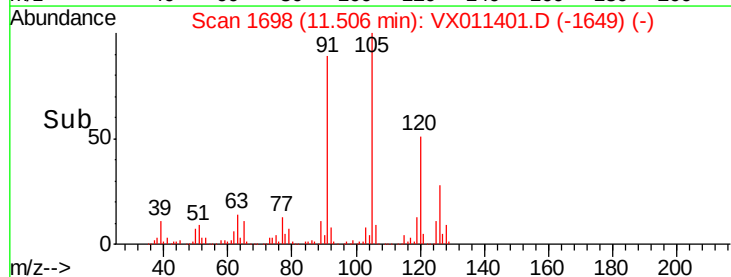
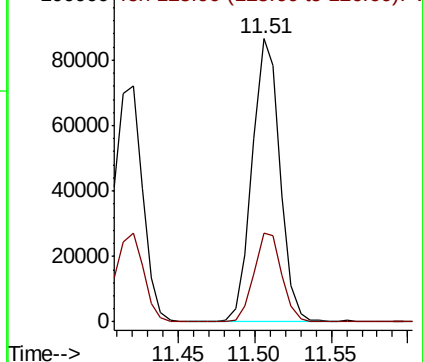


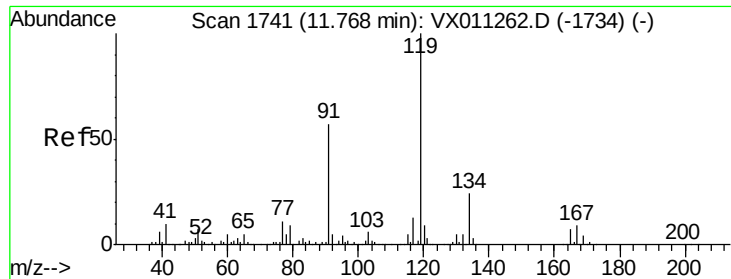
#82
4-Chlorotoluene
Concen: 16.809 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011401.D
Acq: 09 Aug 2019 11:48

Tgt Ion: 91 Resp: 108702
Ion Ratio Lower Upper
91 100
126 31.8 16.4 49.2



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

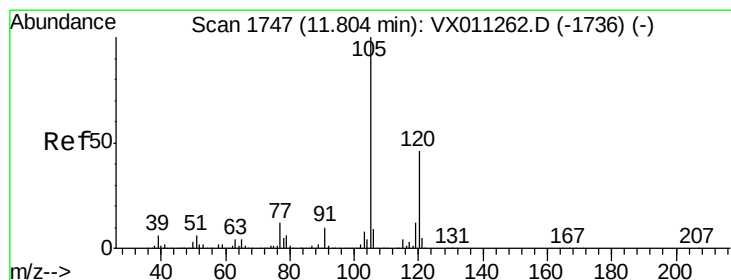
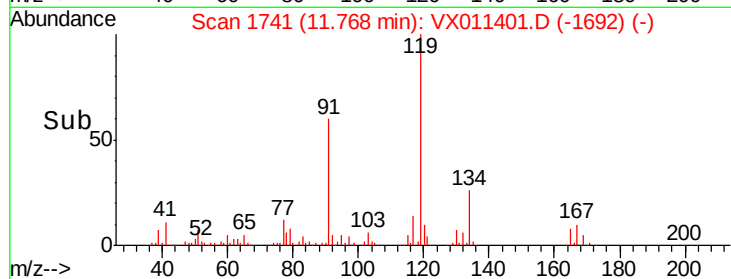
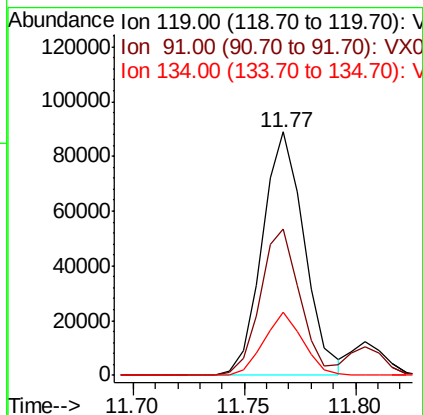
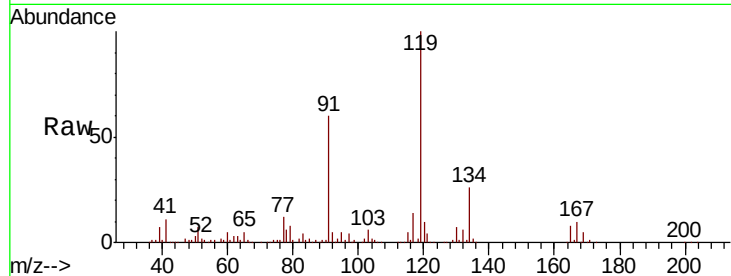




#83
 tert-Butylbenzene
 Concen: 16.935 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011401.D
 Acq: 09 Aug 2019 11:48

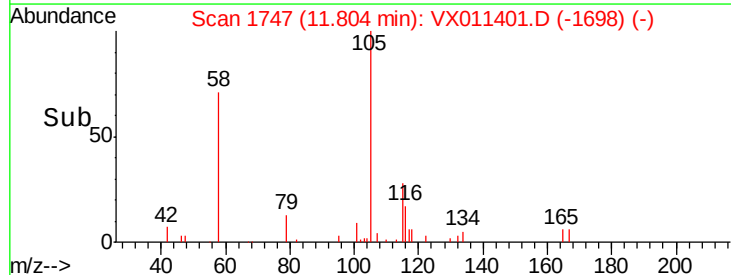
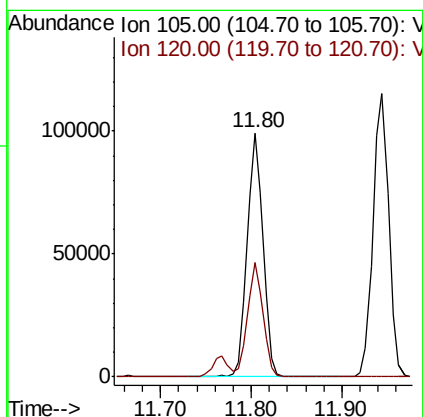
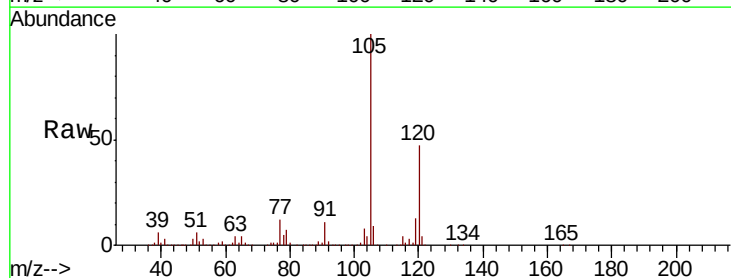
Instrument :
 MSVOA_X
 ClientSampled :
 VX0809WBS01

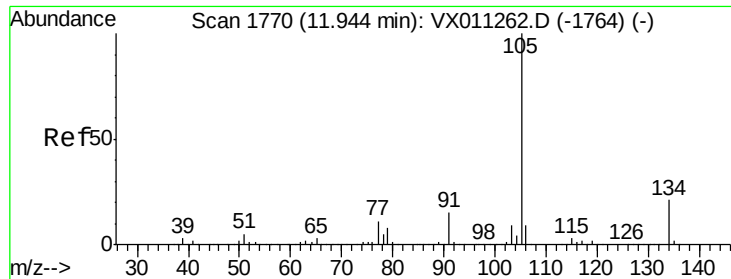
Tgt Ion:119 Resp: 116393
 Ion Ratio Lower Upper
 119 100
 91 57.8 28.0 84.0
 134 24.2 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 17.330 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011401.D
 Acq: 09 Aug 2019 11:48

Tgt Ion:105 Resp: 120915
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.0 69.0

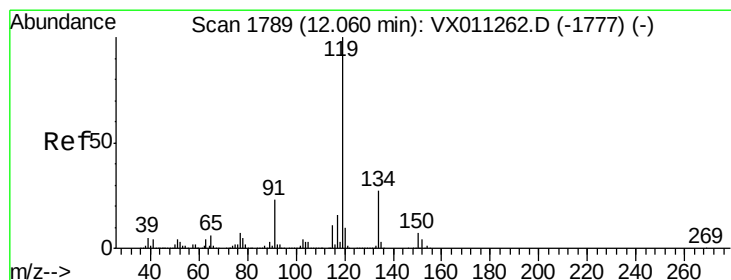
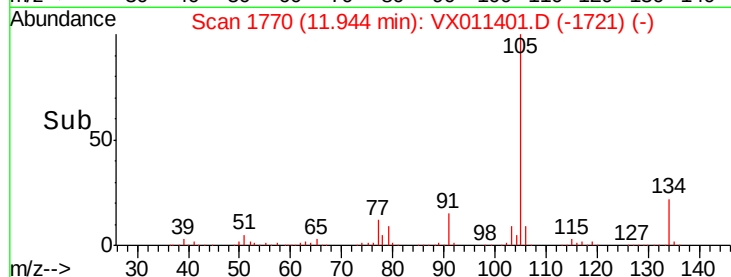
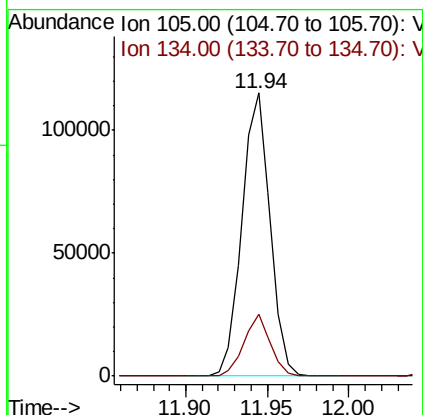
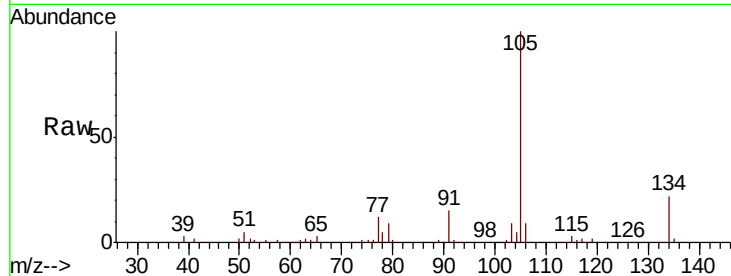




#85
 sec-Butylbenzene
 Concen: 16.719 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011401.D
 Acq: 09 Aug 2019 11:48

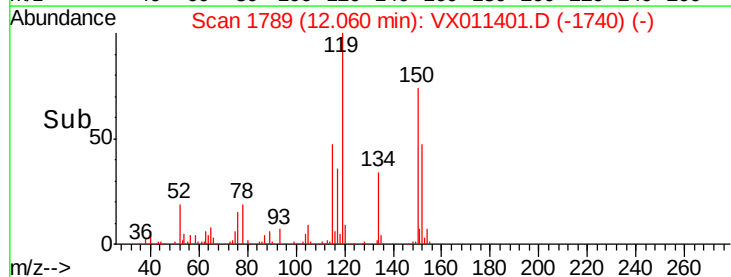
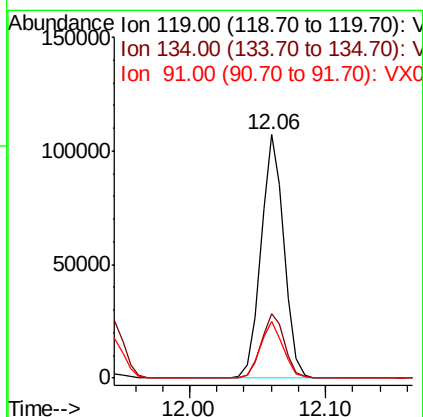
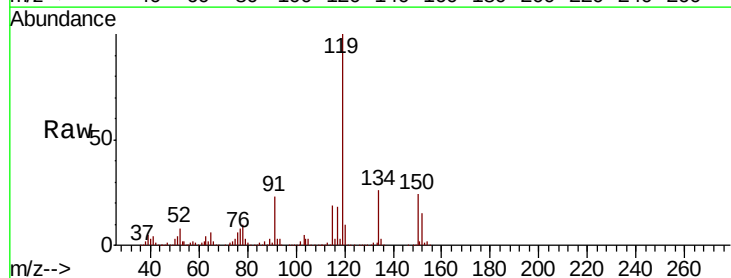
Instrument :
 MSVOA_X
 ClientSampled :
 VX0809WBS01

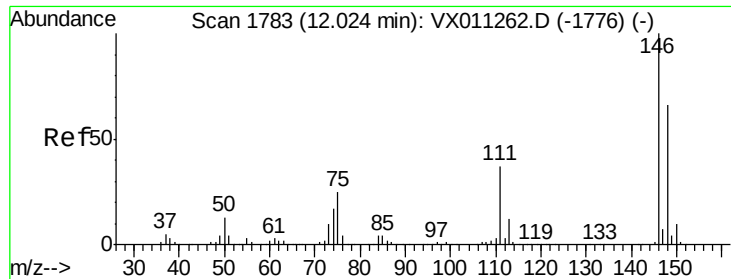
Tgt Ion:105 Resp: 138060
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 16.704 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011401.D
 Acq: 09 Aug 2019 11:48

Tgt Ion:119 Resp: 126897
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.7 41.0
 91 23.4 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 16.706 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0809WBS01

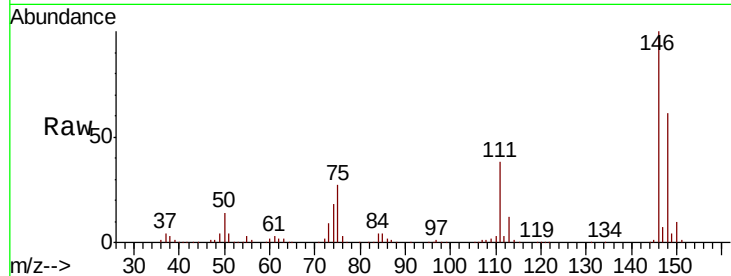
Tgt Ion:146 Resp: 68524

Ion Ratio Lower Upper

146 100

111 37.9 18.6 55.8

148 62.9 32.5 97.5

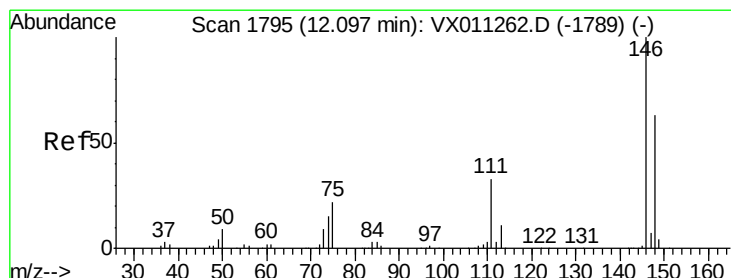
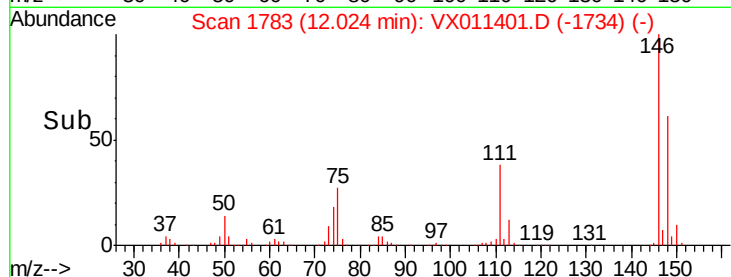
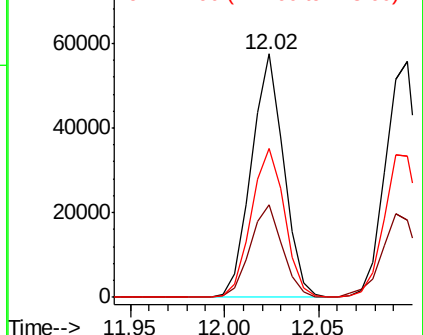


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 16.564 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

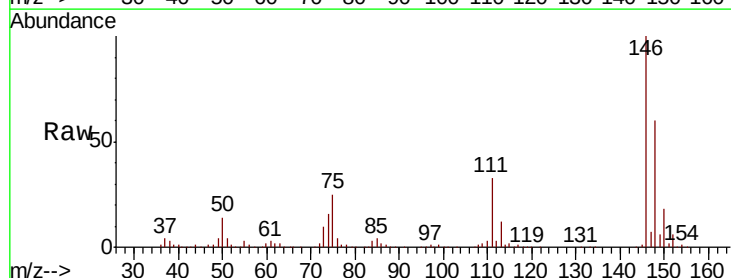
Tgt Ion:146 Resp: 70059

Ion Ratio Lower Upper

146 100

111 37.5 17.8 53.4

148 64.6 31.8 95.3

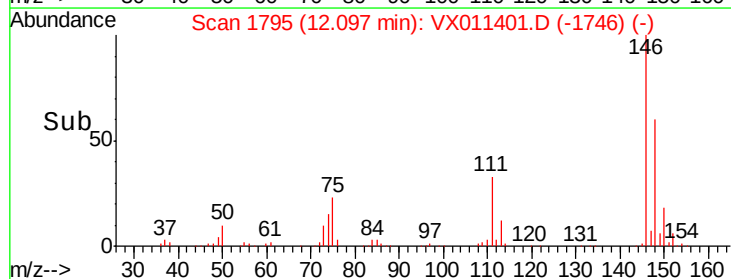
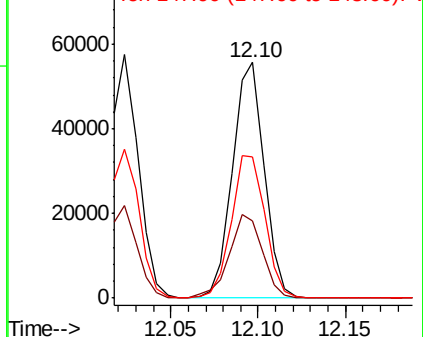


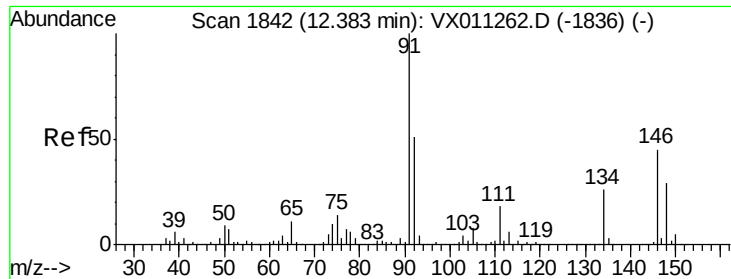
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

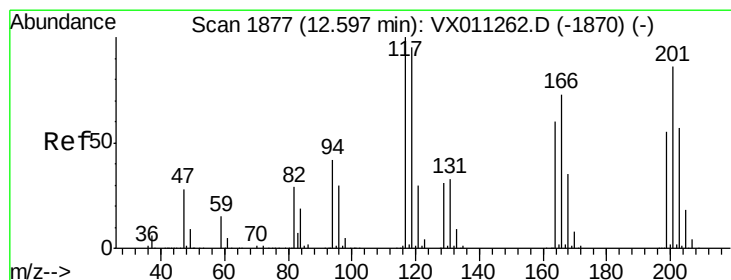
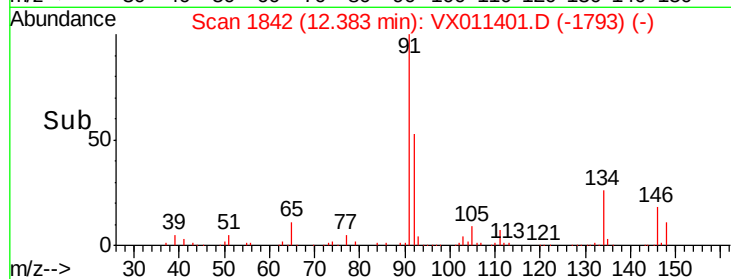
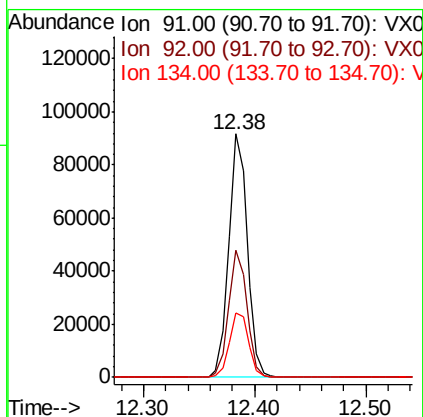
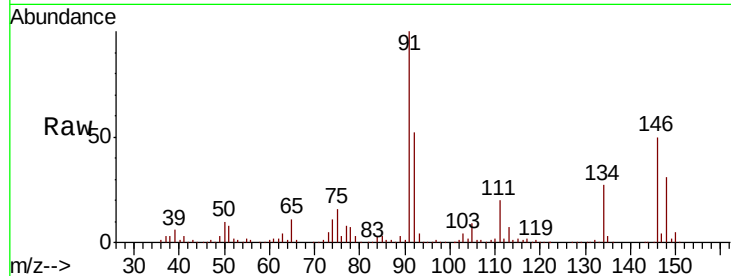




#89
n-Butylbenzene
Concen: 16.196 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011401.D
Acq: 09 Aug 2019 11:48

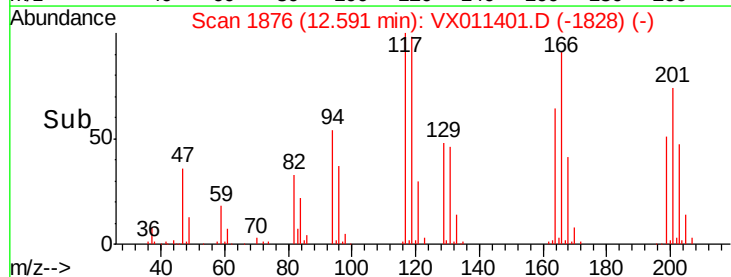
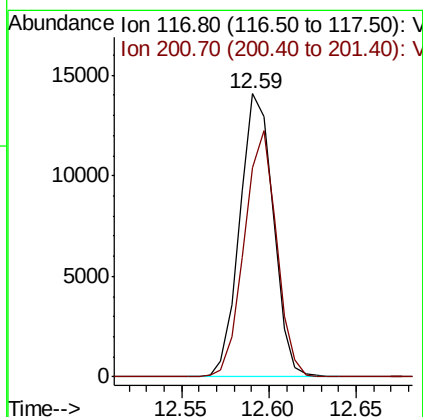
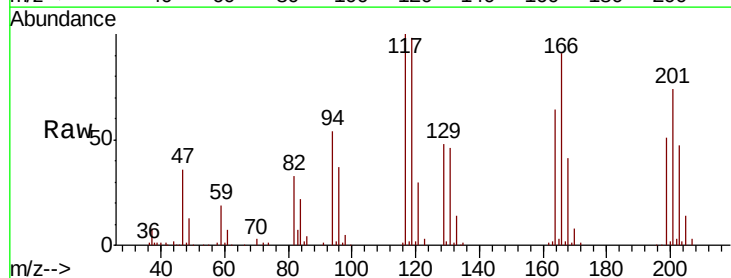
Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

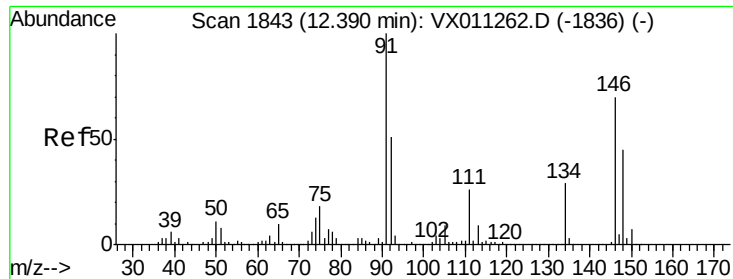
Tgt Ion: 91 Resp: 106002
Ion Ratio Lower Upper
91 100
92 51.7 25.8 77.3
134 27.3 13.7 41.0



#90
Hexachloroethane
Concen: 16.759 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011401.D
Acq: 09 Aug 2019 11:48

Tgt Ion: 117 Resp: 18823
Ion Ratio Lower Upper
117 100
201 83.7 41.8 125.4

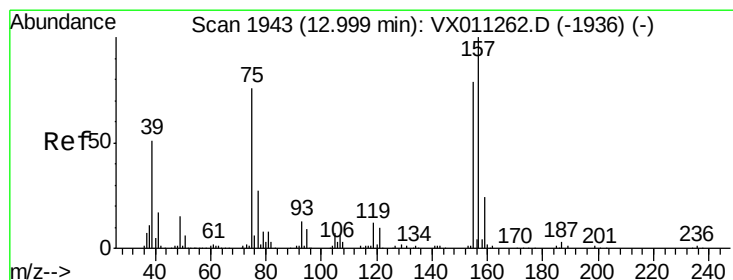
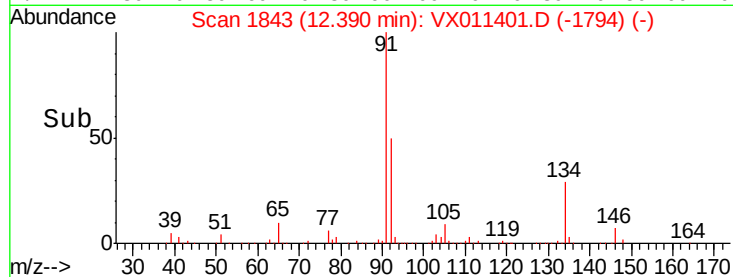
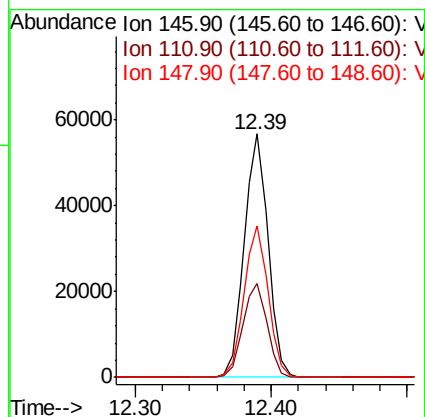
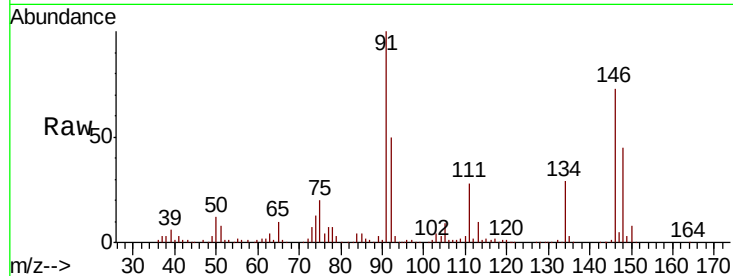




#91
 1,2-Dichlorobenzene
 Concen: 16.843 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011401.D
 Acq: 09 Aug 2019 11:48

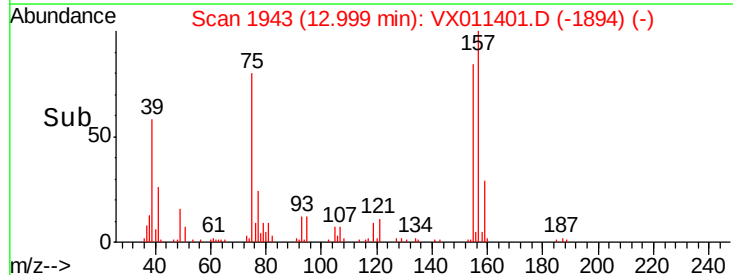
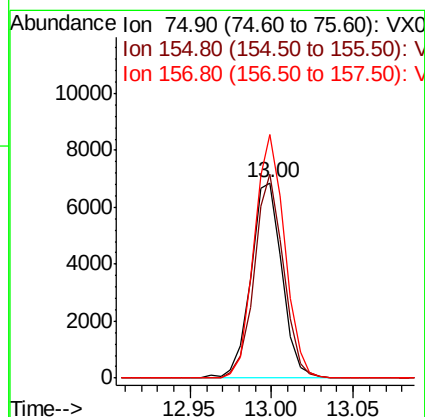
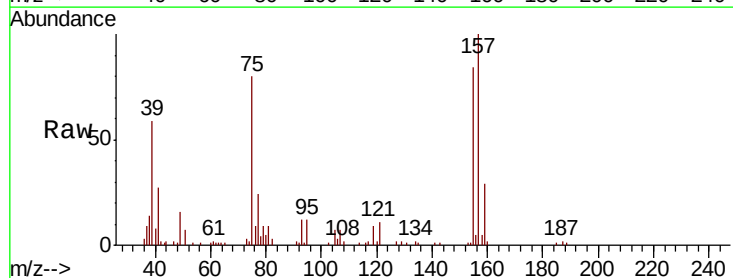
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

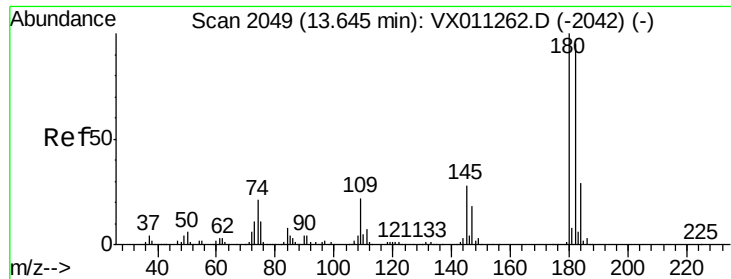
Tgt Ion: 146 Resp: 69416
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.1 57.1
 148 62.8 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.925 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011401.D
 Acq: 09 Aug 2019 11:48

Tgt Ion: 75 Resp: 9148
 Ion Ratio Lower Upper
 75 100
 155 97.4 51.9 155.8
 157 121.9 64.3 192.7

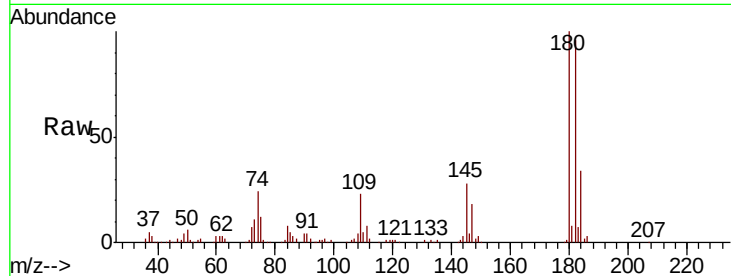




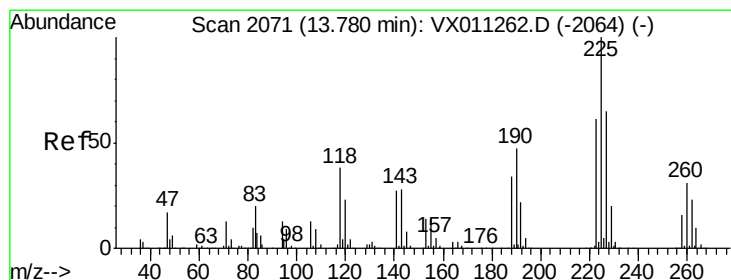
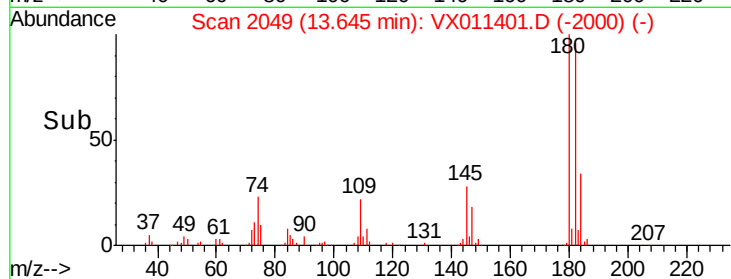
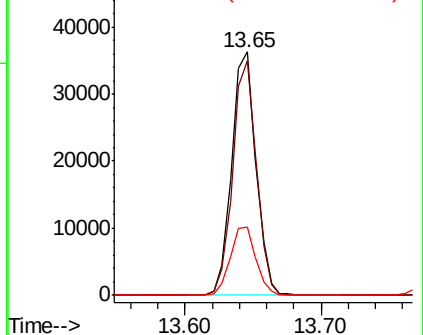
#93
 1,2,4-Trichlorobenzene
 Concen: 16.524 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011401.D
 Acq: 09 Aug 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

Tgt Ion:180 Resp: 45161
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.8 143.4
 145 29.5 14.8 44.3

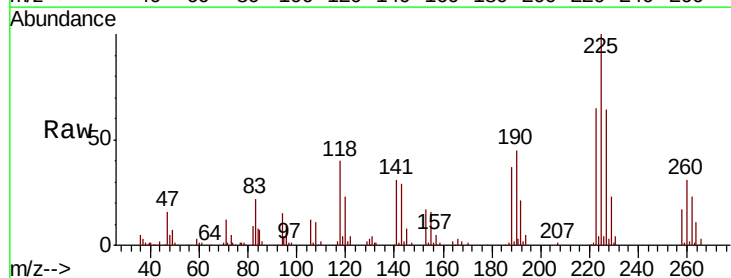


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

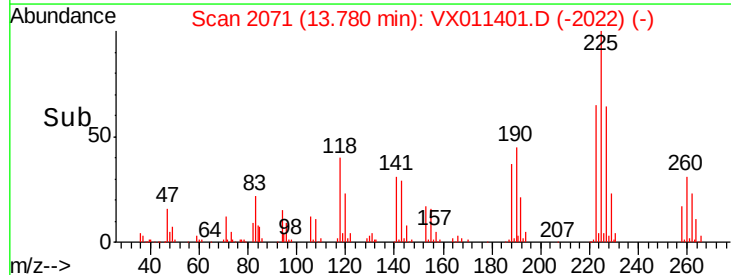
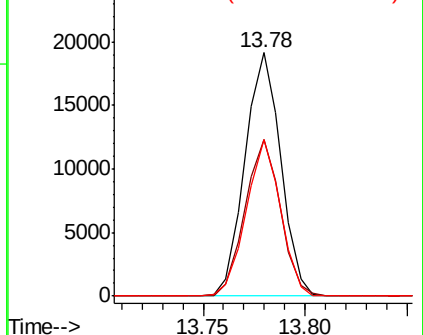


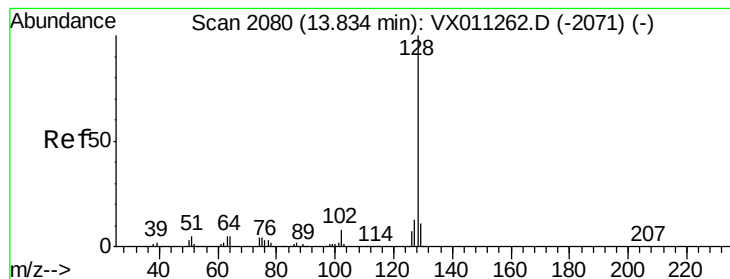
#94
 Hexachlorobutadiene
 Concen: 16.883 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011401.D
 Acq: 09 Aug 2019 11:48

Tgt Ion:225 Resp: 23411
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.0 93.0
 227 61.6 32.2 96.6



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





#95

Naphthalene

Concen: 16.693 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

Instrument :

MSVOA_X

ClientSampled :

VX0809WBS01

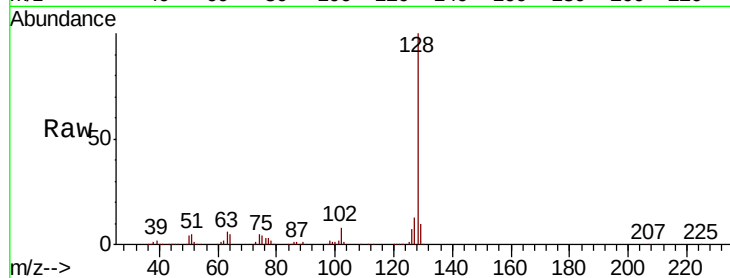
Tgt Ion:128 Resp: 133425

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

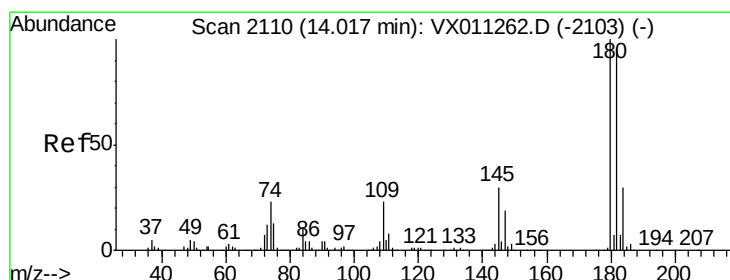
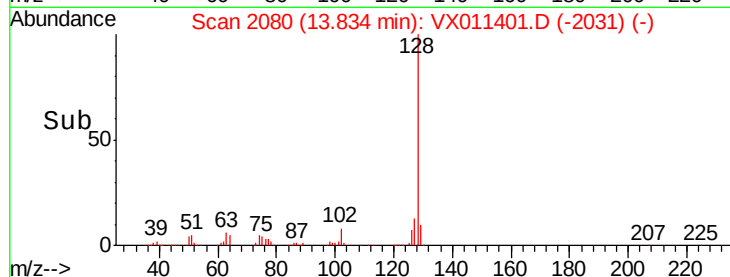
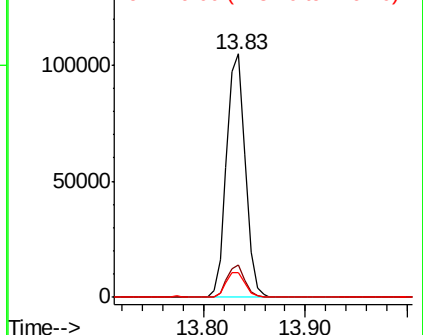
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 15.968 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011401.D

Acq: 09 Aug 2019 11:48

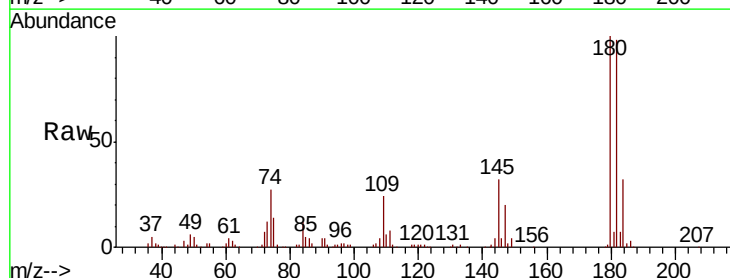
Tgt Ion:180 Resp: 44369

Ion Ratio Lower Upper

180 100

182 98.9 47.4 142.3

145 31.6 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

