

Data File : VX011894.D
Acq On : 30 Aug 2019 02:40
Operator : SY/SP
Sample : MDL01
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL01

Quant Time: Sep 05 11:47:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	316019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	466997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	448511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	259423	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	167581	55.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.70%	
35) Dibromofluoromethane	5.49	113	152309	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	8.71	98	554315	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
62) 4-Bromofluorobenzene	11.13	95	230100	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	4659	2.443	ug/l	92
3) Chloromethane	1.31	50	6404	2.896	ug/l	90
4) Vinyl Chloride	1.40	62	5589	2.647	ug/l	96
5) Bromomethane	1.63	94	5622	3.848	ug/l	94
6) Chloroethane	1.71	64	3539	2.693	ug/l	95
7) Trichlorofluoromethane	1.92	101	9422	2.570	ug/l	96
8) Diethyl Ether	2.17	74	4282	3.398	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	6047	2.530	ug/l	93
10) Methyl Iodide	2.50	142	2966	1.333	ug/l #	87
11) Tert butyl alcohol	3.03	59	5077	17.429	ug/l #	91
12) 1,1-Dichloroethene	2.36	96	5633	2.538	ug/l	98
13) Acrolein	2.28	56	2162	14.912	ug/l #	69
14) Allyl chloride	2.71	41	10635	2.554	ug/l	96
15) Acrylonitrile	3.14	53	9428	13.621	ug/l	96
16) Acetone	2.43	43	11732	18.009	ug/l	92
17) Carbon Disulfide	2.56	76	16473	2.587	ug/l #	92
18) Methyl Acetate	2.76	43	6064	3.363	ug/l #	90
19) Methyl tert-butyl Ether	3.18	73	20421	2.840	ug/l	99
20) Methylene Chloride	2.84	84	16026	4.956	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	6688	2.558	ug/l	94
22) Diisopropyl ether	3.84	45	22744	2.676	ug/l #	77
23) Vinyl Acetate	3.81	43	69405	12.701	ug/l	100
24) 1,1-Dichloroethane	3.68	63	12457	2.658	ug/l	98
25) 2-Butanone	4.67	43	12950	13.649	ug/l	91
26) 2,2-Dichloropropane	4.57	77	9526	2.423	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	8529	2.769	ug/l	99
28) Bromochloromethane	4.99	49	5489	2.610	ug/l	92
29) Tetrahydrofuran	5.12	42	8843	14.932	ug/l	99
30) Chloroform	5.19	83	15660	3.125	ug/l	92
31) Cyclohexane	5.56	56	9235	2.443	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	11685	2.625	ug/l	99
36) 1,1-Dichloropropene	5.79	75	8808	2.381	ug/l	97
37) Ethyl Acetate	4.84	43	5032	2.298	ug/l #	87
38) Carbon Tetrachloride	5.77	117	9545	2.224	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	9784	2.220	ug/l	95
40) Benzene	6.13	78	27999	2.535	ug/l	97
41) Methacrylonitrile	5.04	41	3376	2.618	ug/l #	78
42) 1,2-Dichloroethane	6.18	62	10067	2.681	ug/l	89
43) Isopropyl Acetate	6.44	43	11331	2.552	ug/l	97
44) Trichloroethene	7.21	130	8612	2.520	ug/l	98
45) 1,2-Dichloropropane	7.51	63	7930	2.745	ug/l	100
46) Dibromomethane	7.66	93	4562	2.661	ug/l	96
47) Bromodichloromethane	7.89	83	10916	2.568	ug/l #	92
48) Methyl methacrylate	7.76	41	6005	2.780	ug/l	97
49) 1,4-Dioxane	7.74	88	1637	55.102	ug/l #	87
51) 4-Methyl-2-Pentanone	8.63	43	28596	12.678	ug/l	97
52) Toluene	8.78	92	18383	2.516	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	10795	2.479	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	12151	2.486	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	6876	2.740	ug/l	89
56) Ethyl methacrylate	9.18	69	8283	2.378	ug/l	94
57) 1,3-Dichloropropane	9.37	76	10839	2.602	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	21297	12.837	ug/l	98
59) 2-Hexanone	9.49	43	20431	12.751	ug/l	97
60) Dibromochloromethane	9.58	129	8817	2.616	ug/l	91
61) 1,2-Dibromoethane	9.66	107	6386	2.566	ug/l	94
64) Tetrachloroethene	9.33	164	9432	2.614	ug/l	95
65) Chlorobenzene	10.13	112	21847	2.514	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	8957	2.548	ug/l	98
67) Ethyl Benzene	10.25	91	36030	2.437	ug/l	96
68) m/p-Xylenes	10.35	106	28304	4.958	ug/l	99
69) o-Xylene	10.69	106	13629	2.450	ug/l	95
70) Styrene	10.71	104	23568	2.404	ug/l	97
71) Bromoform	10.85	173	5899	2.374	ug/l #	100
73) Isopropylbenzene	11.01	105	35283	2.367	ug/l	100
74) N-amyl acetate	10.90	43	10550	2.385	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	11.26	83	8215	2.693	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	6547m	2.565	ug/l	
77) Bromobenzene	11.25	156	10480	2.424	ug/l	96
78) n-propylbenzene	11.35	91	40030	2.368	ug/l	97
79) 2-Chlorotoluene	11.41	91	24928	2.450	ug/l	96
80) 1,3,5-Trimethylbenzene	11.50	105	31585	2.455	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	2422m	2.384	ug/l	
82) 4-Chlorotoluene	11.51	91	31028	2.528	ug/l	100
83) tert-Butylbenzene	11.77	119	30768	2.357	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	32280	2.448	ug/l	100
85) sec-Butylbenzene	11.94	105	35409	2.335	ug/l	100
86) p-Isopropyltoluene	12.06	119	33961	2.310	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	20407	2.540	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	21082	2.596	ug/l	86
89) n-Butylbenzene	12.38	91	29740	2.286	ug/l	99
90) Hexachloroethane	12.59	117	6863	2.413	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	18696	2.503	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.99	75	1653	2.720	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082919\
Quantitation Report (QT Reviewed)

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Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
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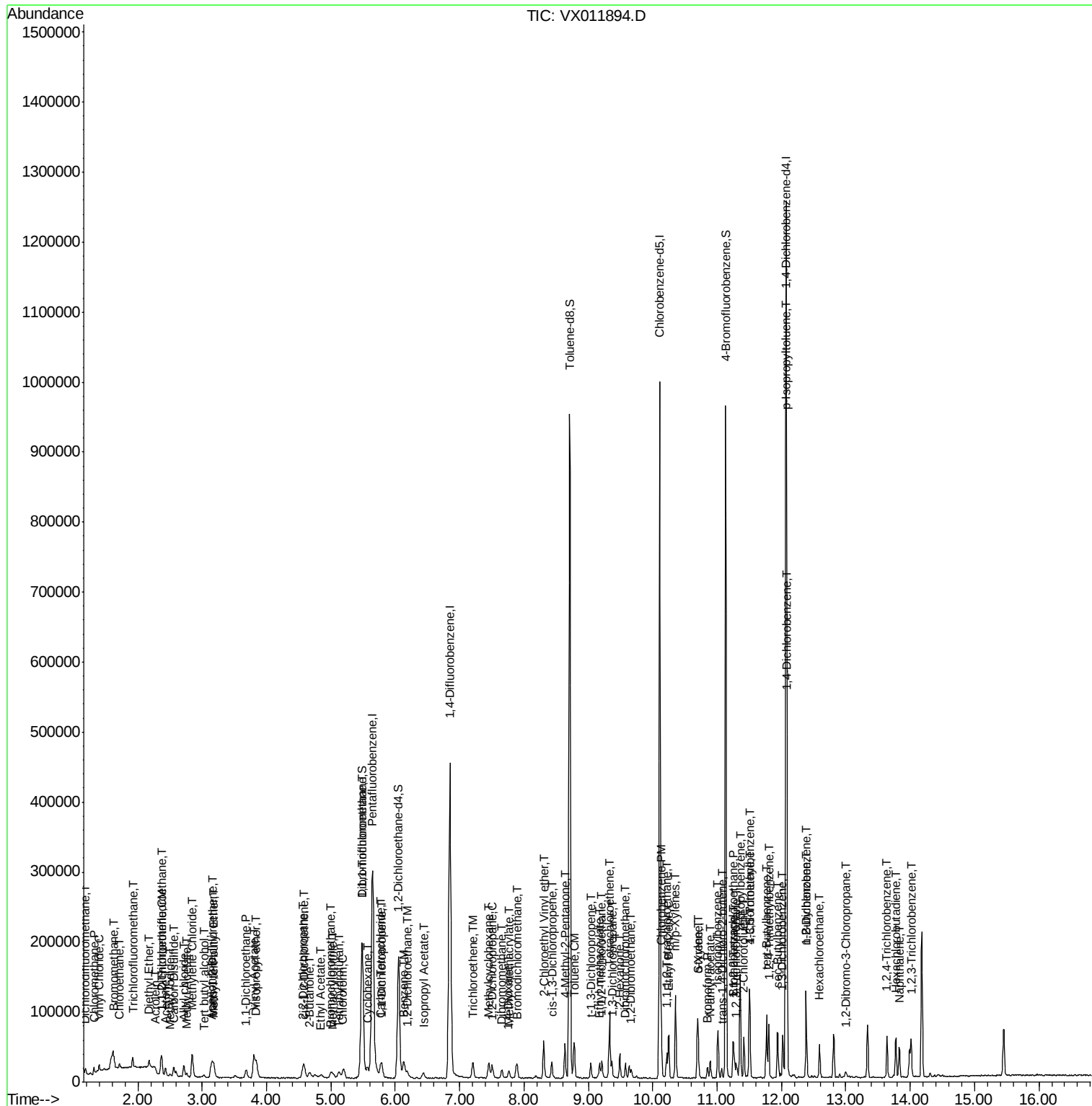
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	15469	2.459	ug/l	100
94) Hexachlorobutadiene	13.78	225	9604	2.286	ug/l	99
95) Naphthalene	13.83	128	27495	2.547	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	14477	2.545	ug/l	98

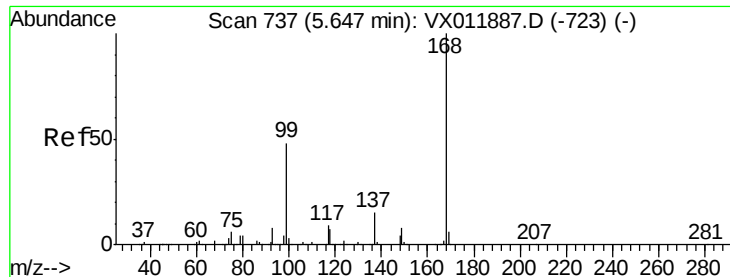
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. 0.00 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampleId :

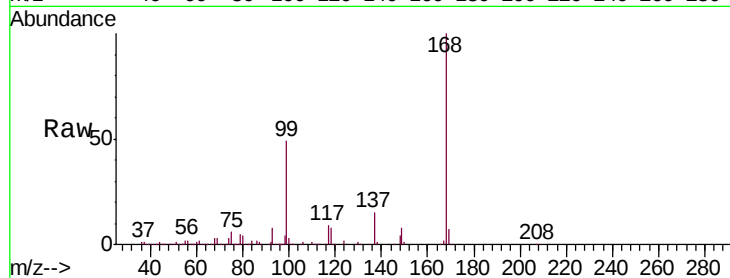
MDL01

Tgt Ion:168 Resp: 316019

Ion Ratio Lower Upper

168 100

99 48.8 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

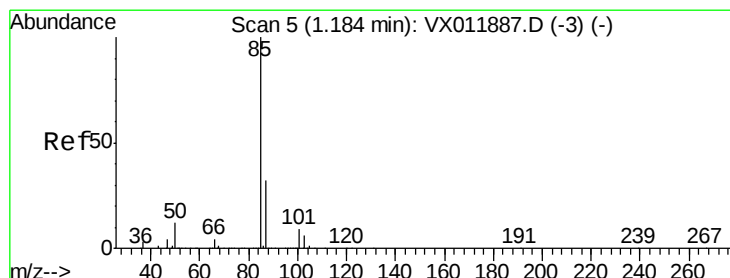
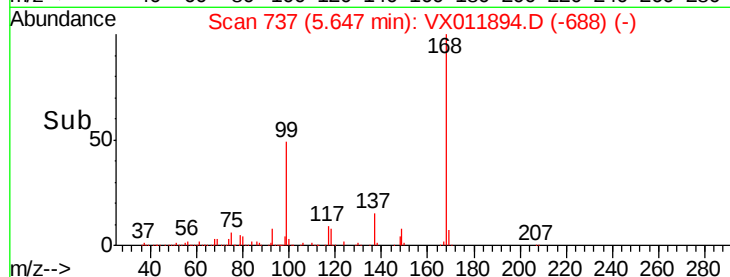
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 2.443 ug/l

RT: 1.18 min Scan# 5

Delta R.T. 0.00 min

Lab File: VX011894.D

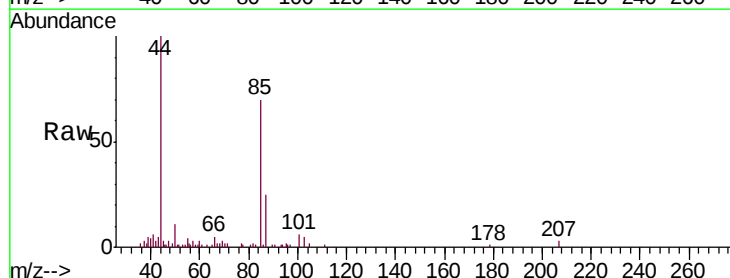
Acq: 30 Aug 2019 02:40

Tgt Ion: 85 Resp: 4659

Ion Ratio Lower Upper

85 100

87 36.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

5000

4000

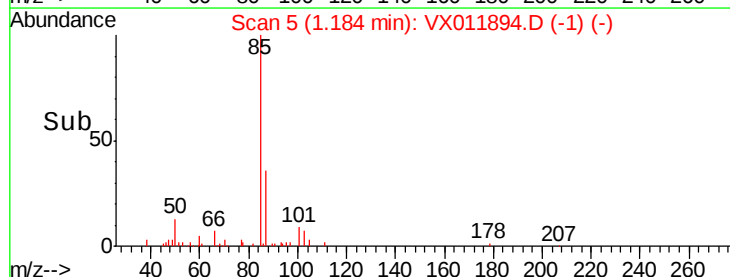
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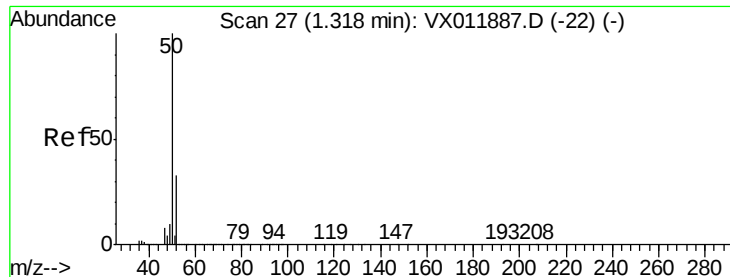
2000

1000

0

Time-->





#3

Chloromethane

Concen: 2.896 ug/l

RT: 1.31 min Scan# 26

Delta R.T. -0.01 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampleId :

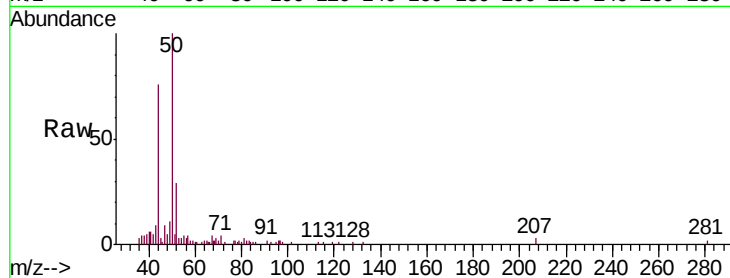
MDL01

Tgt Ion: 50 Resp: 6404

Ion Ratio Lower Upper

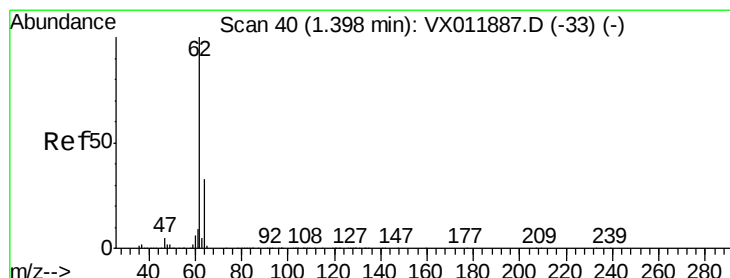
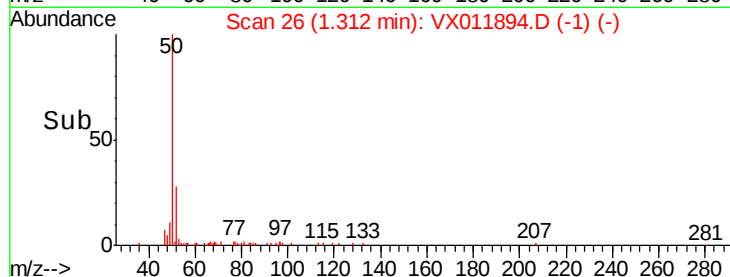
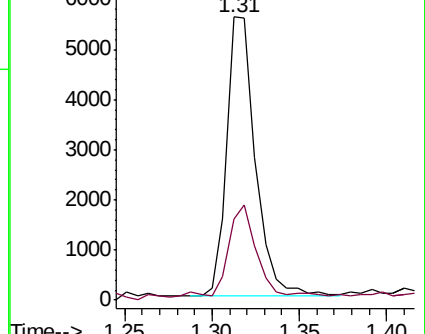
50 100

52 26.8 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 2.647 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011894.D

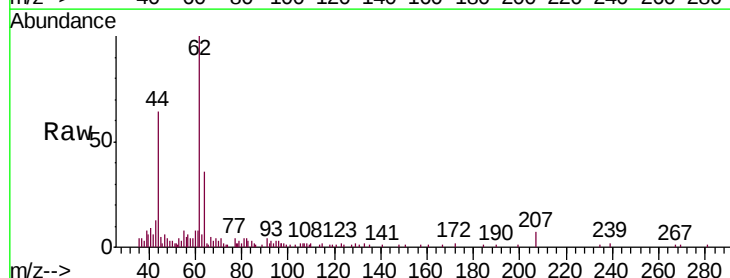
Acq: 30 Aug 2019 02:40

Tgt Ion: 62 Resp: 5589

Ion Ratio Lower Upper

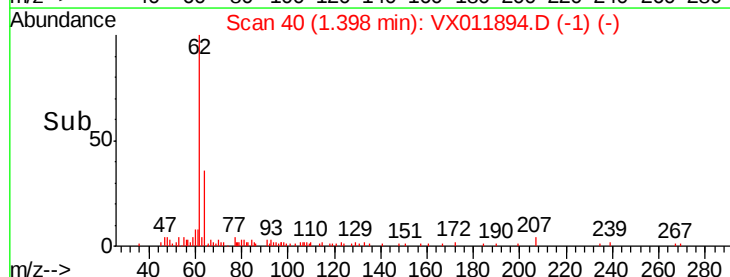
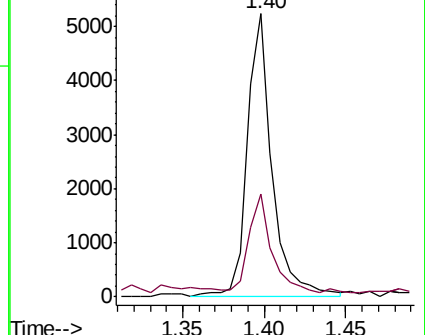
62 100

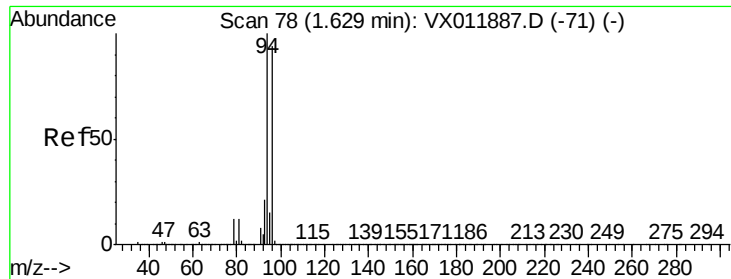
64 34.5 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 3.848 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampled :

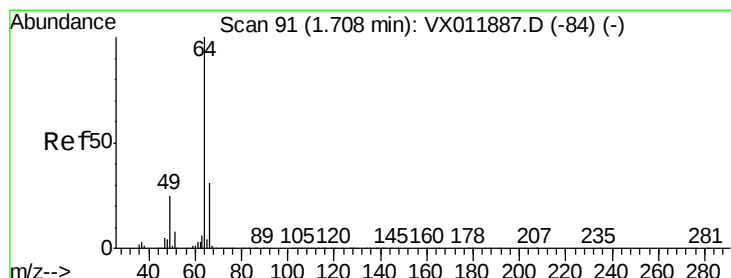
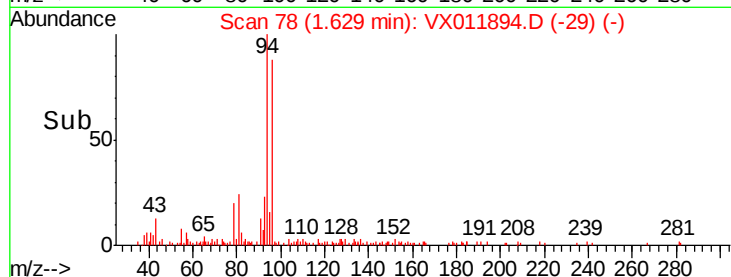
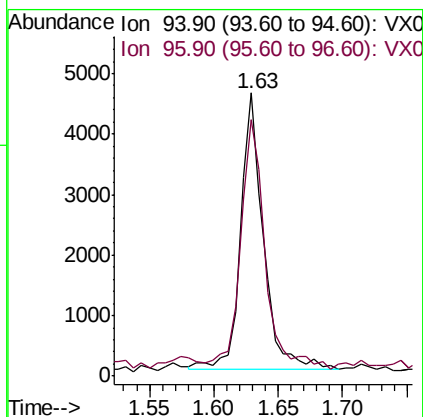
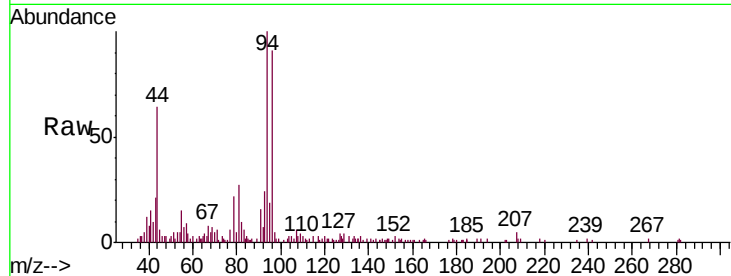
MDL01

Tgt Ion: 94 Resp: 5622

Ion Ratio Lower Upper

94 100

96 88.4 75.0 112.6



#6

Chloroethane

Concen: 2.693 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX011894.D

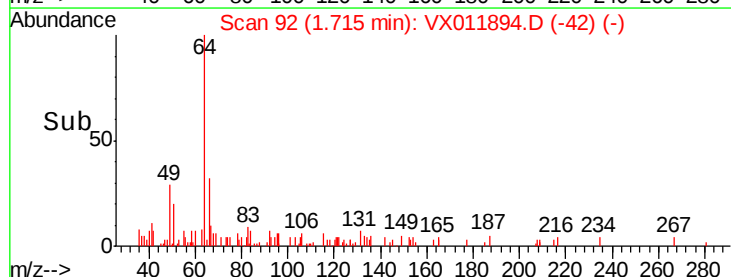
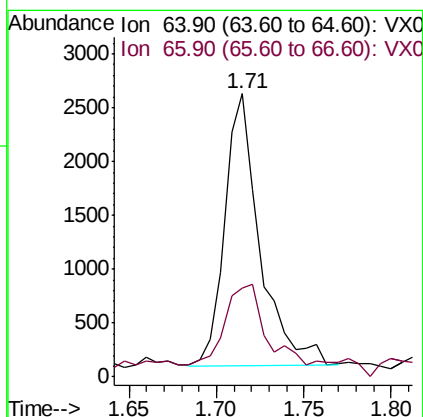
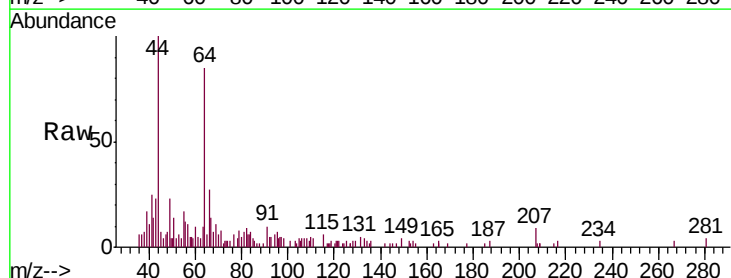
Acq: 30 Aug 2019 02:40

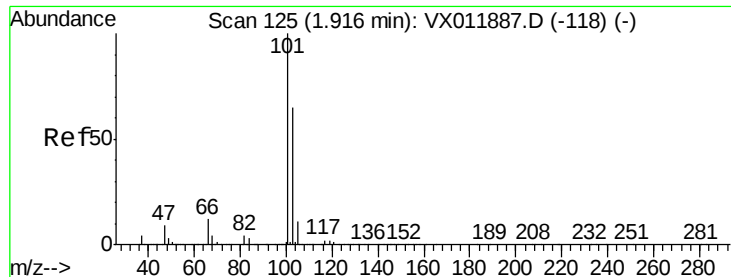
Tgt Ion: 64 Resp: 3539

Ion Ratio Lower Upper

64 100

66 28.4 25.0 37.4



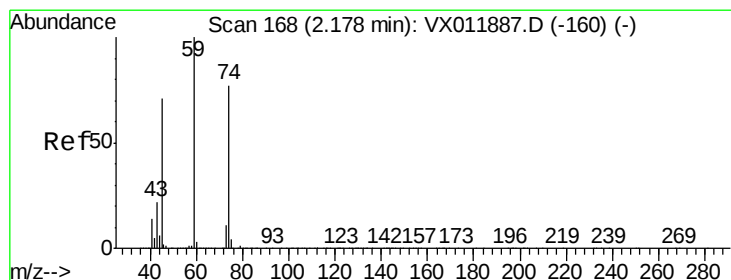
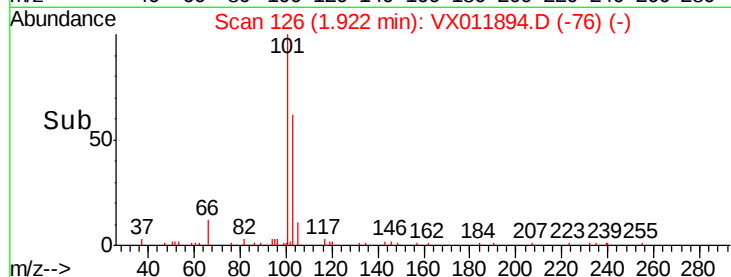
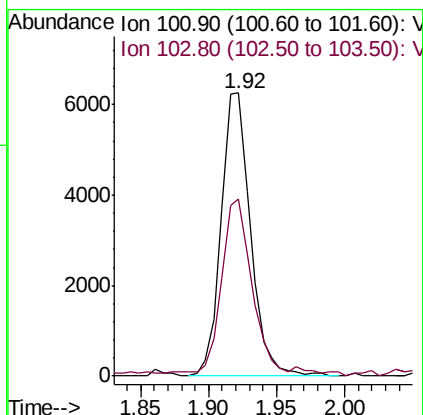
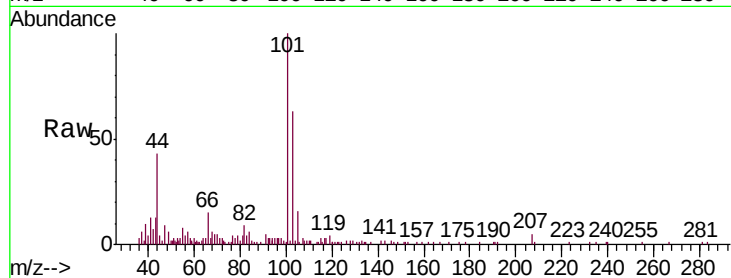


#7

Trichlorofluoromethane
Concen: 2.570 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.01 min
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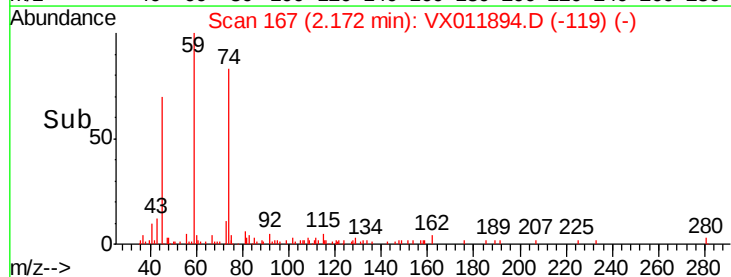
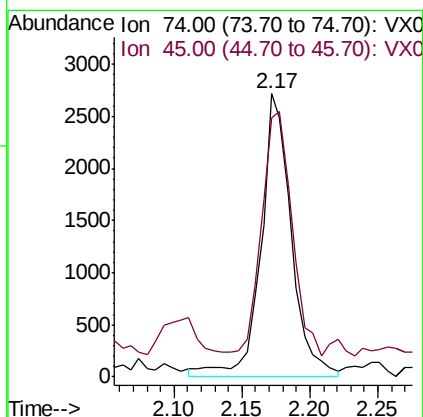
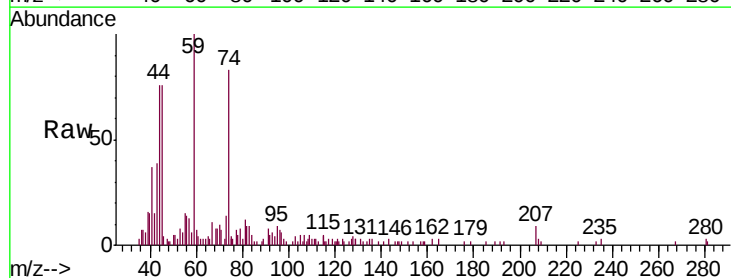
Tgt Ion: 101 Resp: 9422
Ion Ratio Lower Upper
101 100
103 61.4 51.6 77.4

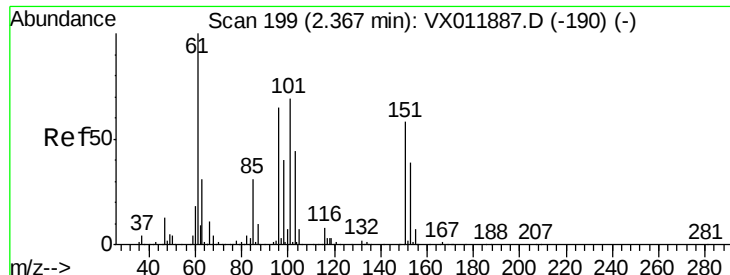


#8

Diethyl Ether
Concen: 3.398 ug/l
RT: 2.17 min Scan# 167
Delta R.T. -0.01 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

Tgt Ion: 74 Resp: 4282
Ion Ratio Lower Upper
74 100
45 86.2 46.7 140.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.530 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX011894.D

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Instrument :

MSVOA_X

ClientSampleId :

MDL01

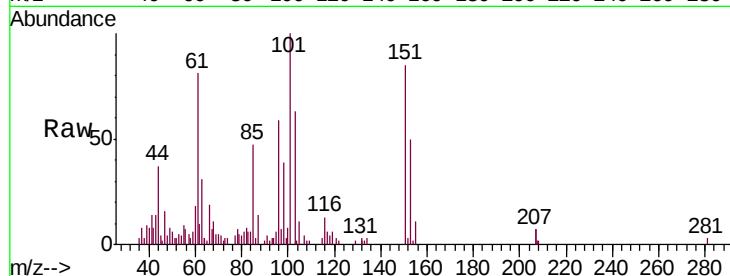
Tgt Ion:101 Resp: 6047

Ion Ratio Lower Upper

101 100

85 46.8 34.9 52.3

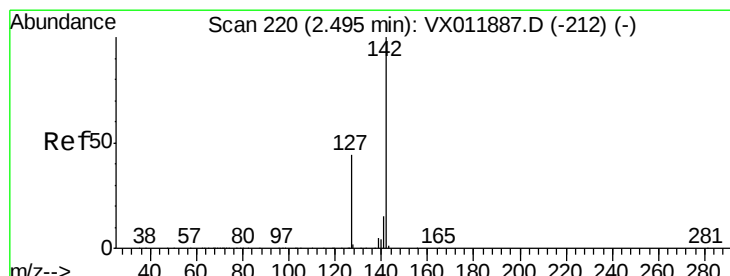
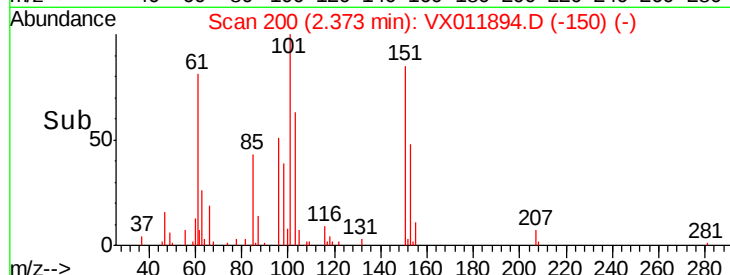
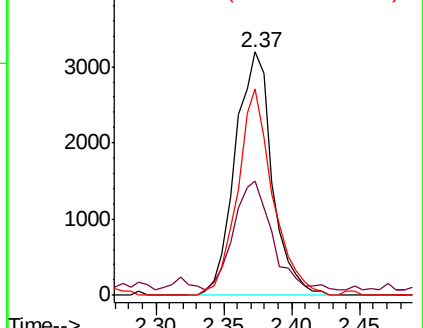
151 81.2 70.9 106.3



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: 1.333 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.01 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

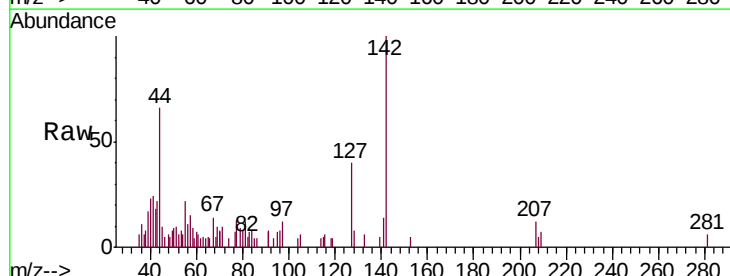
Tgt Ion:142 Resp: 2966

Ion Ratio Lower Upper

142 100

127 48.1 35.7 53.5

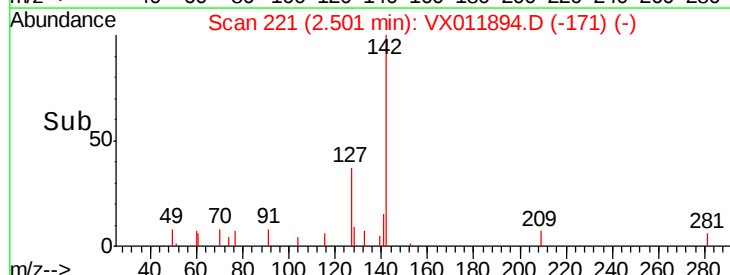
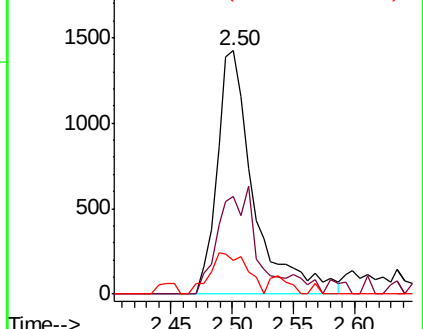
141 0.0 11.8 17.6#

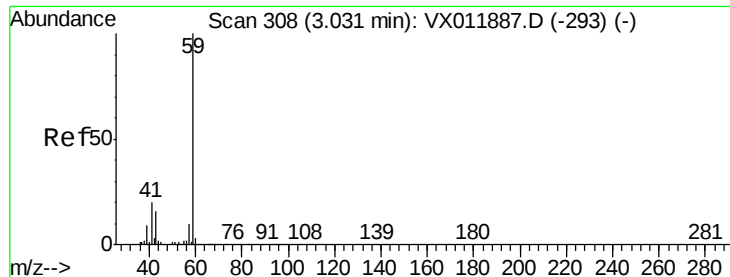


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

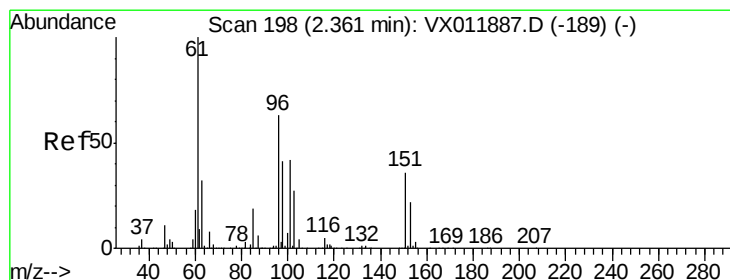
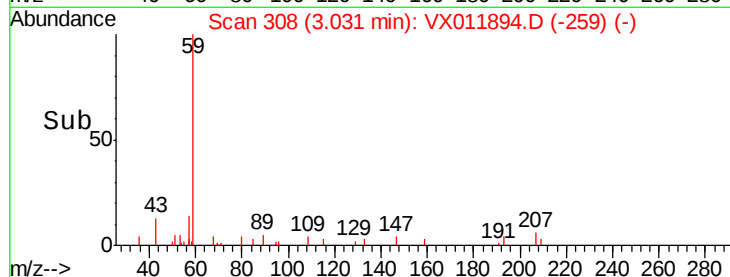
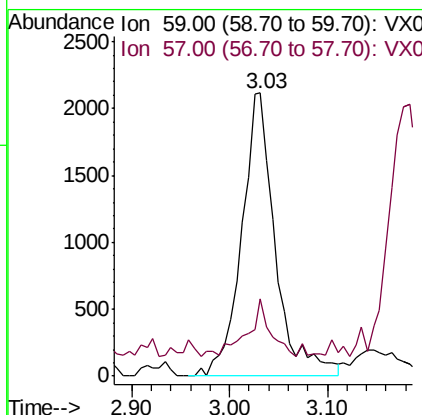
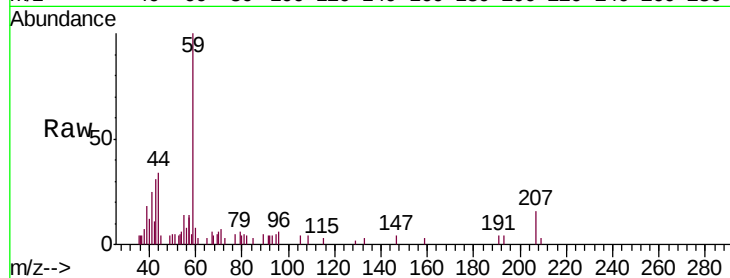




#11
Tert butyl alcohol
Concen: 17.429 ug/l
RT: 3.03 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

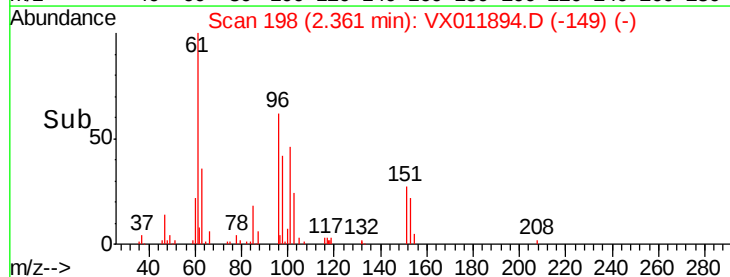
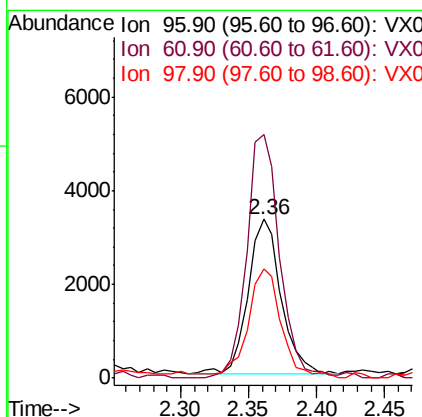
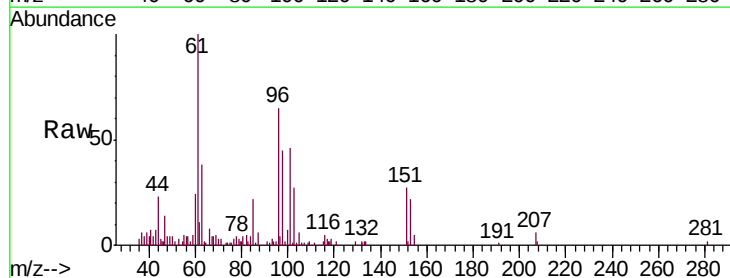
Instrument :
MSVOA_X
ClientSampleId :
MDL01

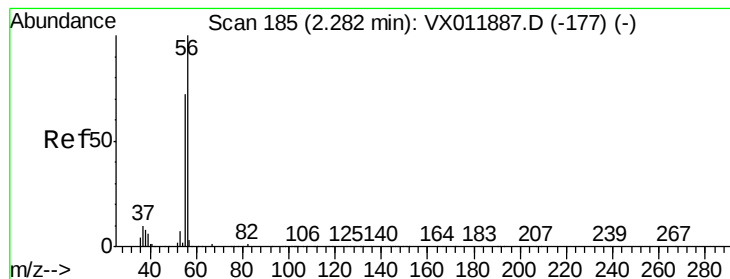
Tgt Ion: 59 Resp: 5077
Ion Ratio Lower Upper
59 100
57 14.0 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 2.538 ug/l
RT: 2.36 min Scan# 198
Delta R.T. 0.00 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

Tgt Ion: 96 Resp: 5633
Ion Ratio Lower Upper
96 100
61 157.3 126.6 190.0
98 68.8 51.6 77.4





#13

Acrolein

Concen: 14.912 ug/l

RT: 2.28 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampled :

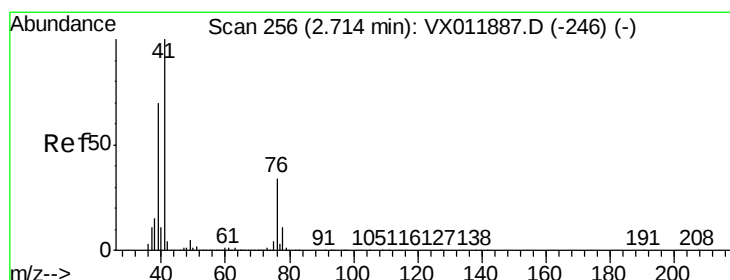
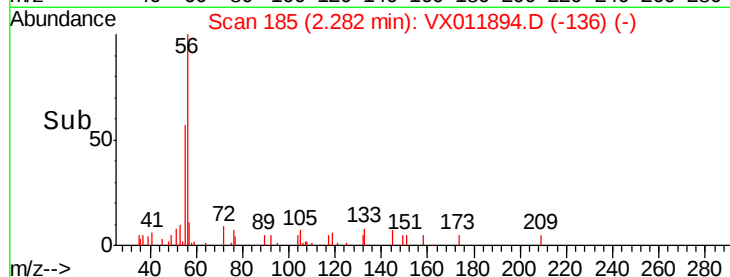
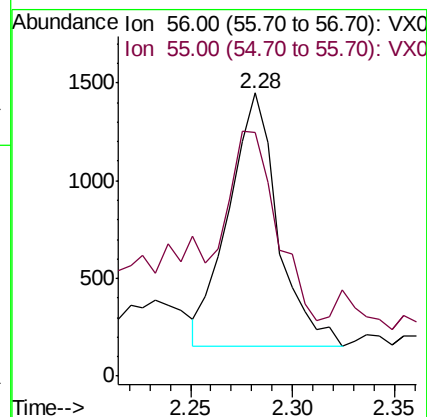
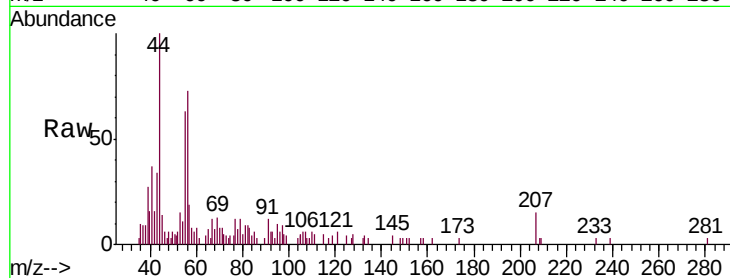
MDL01

Tgt Ion: 56 Resp: 2162

Ion Ratio Lower Upper

56 100

55 99.3 58.6 88.0#



#14

Allyl chloride

Concen: 2.554 ug/l

RT: 2.71 min Scan# 256

Delta R.T. 0.00 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

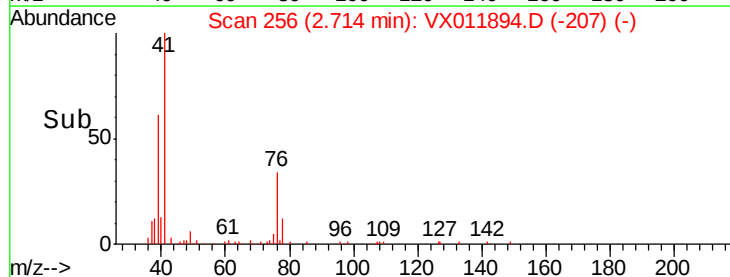
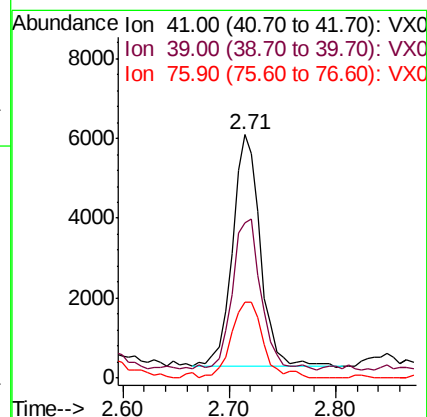
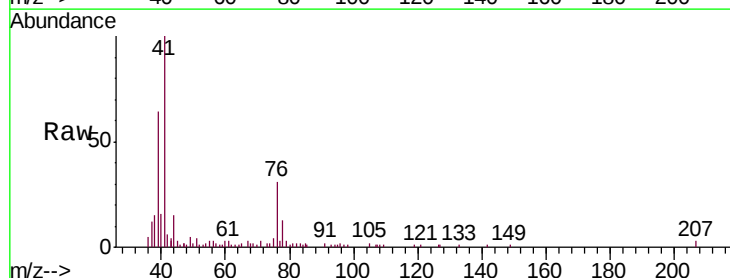
Tgt Ion: 41 Resp: 10635

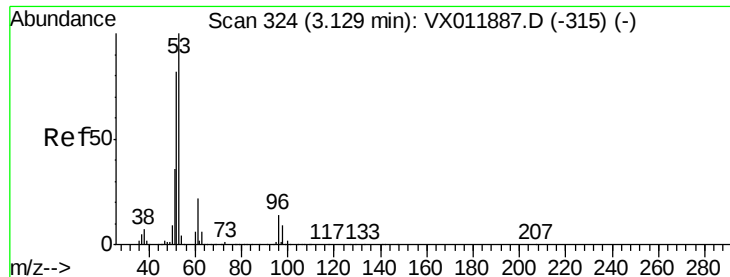
Ion Ratio Lower Upper

41 100

39 67.5 55.0 82.6

76 37.9 27.0 40.4

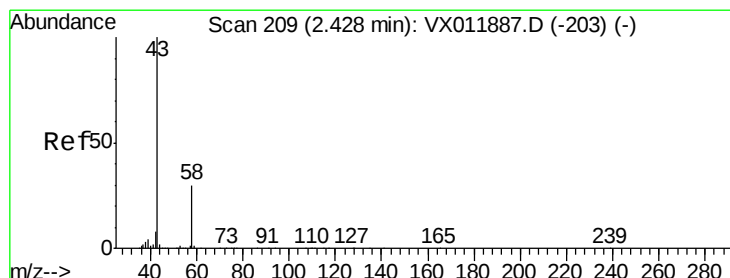
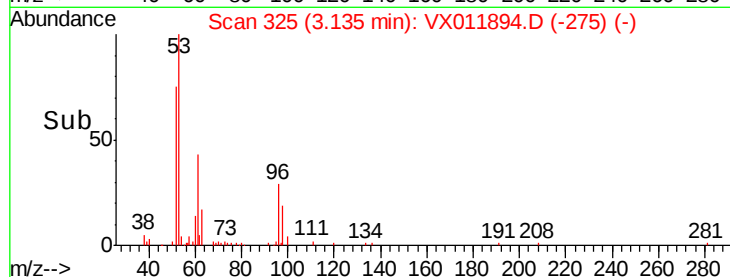
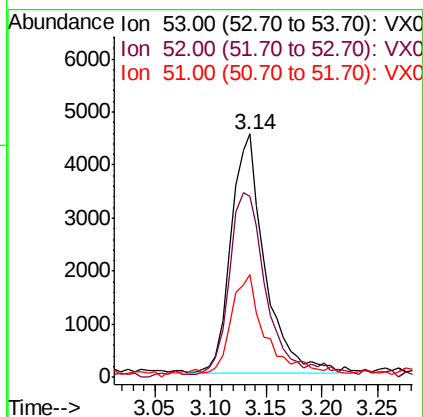
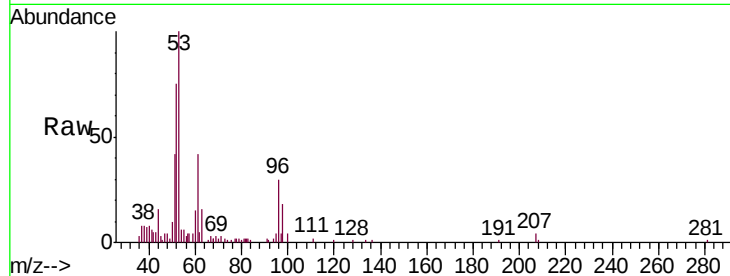




#15
Acrylonitrile
Concen: 13.621 ug/l
RT: 3.14 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

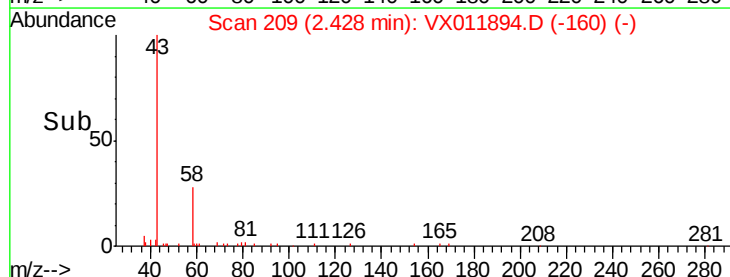
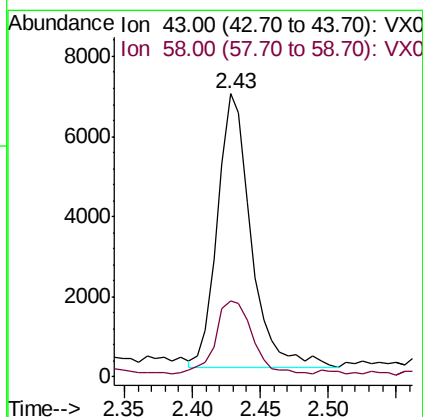
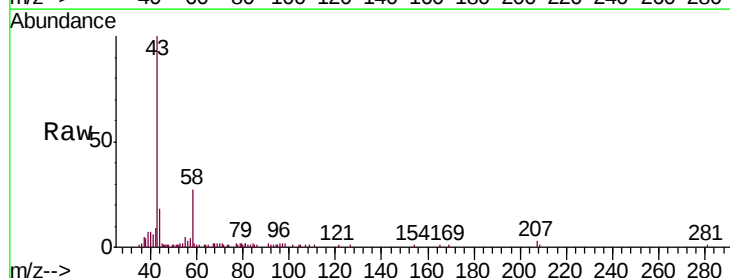
Instrument :
MSVOA_X
ClientSampled :
MDL01

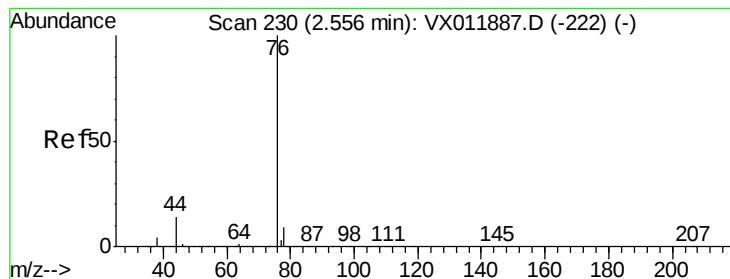
Tgt Ion: 53 Resp: 9428
Ion Ratio Lower Upper
53 100
52 80.0 65.3 97.9
51 42.6 29.4 44.2



#16
Acetone
Concen: 18.009 ug/l
RT: 2.43 min Scan# 209
Delta R.T. 0.00 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

Tgt Ion: 43 Resp: 11732
Ion Ratio Lower Upper
43 100
58 25.7 23.8 35.8





#17

Carbon Disulfide

Concen: 2.587 ug/l

RT: 2.56 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampled :

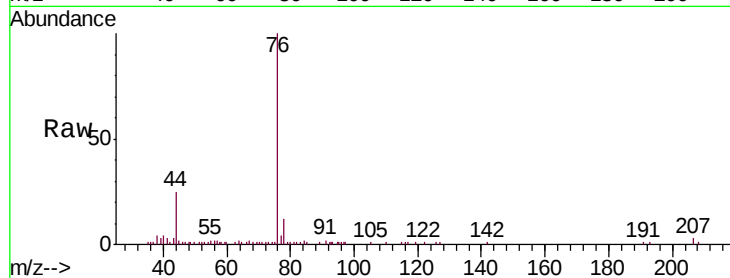
MDL01

Tgt Ion: 76 Resp: 16473

Ion Ratio Lower Upper

76 100

78 12.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

10000

8000

6000

4000

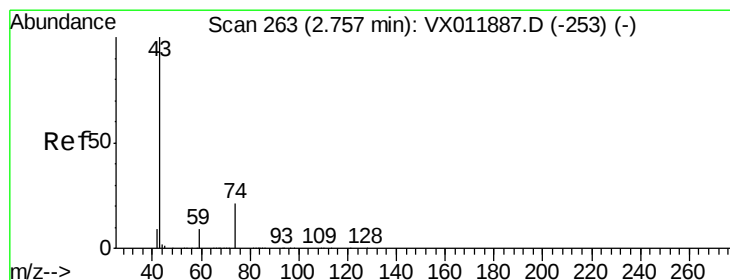
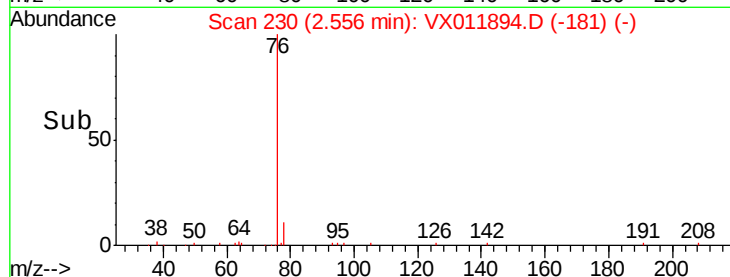
2000

0

Time-->

2.50

2.60



#18

Methyl Acetate

Concen: 3.363 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.01 min

Lab File: VX011894.D

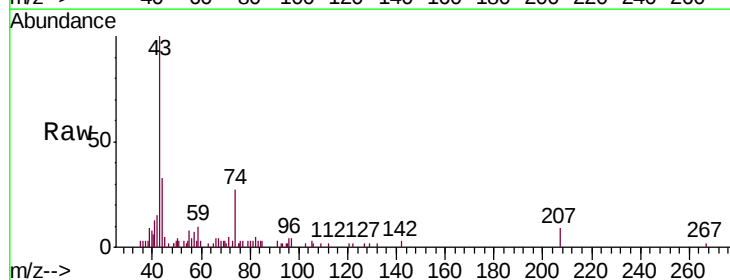
Acq: 30 Aug 2019 02:40

Tgt Ion: 43 Resp: 6064

Ion Ratio Lower Upper

43 100

74 27.7 18.4 27.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

3000

2000

1000

0

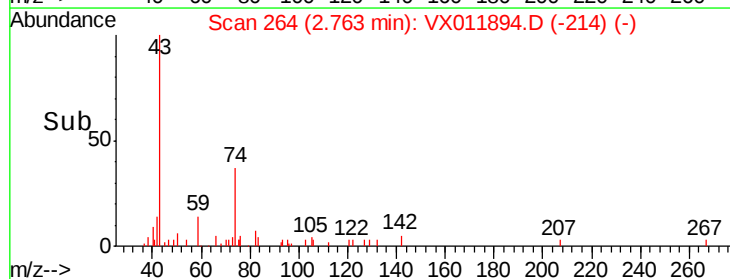
Time-->

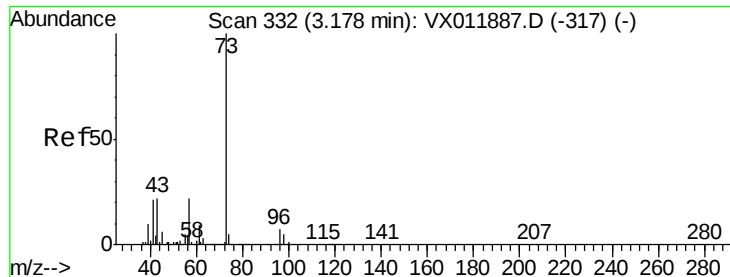
2.70

2.75

2.80

2.85



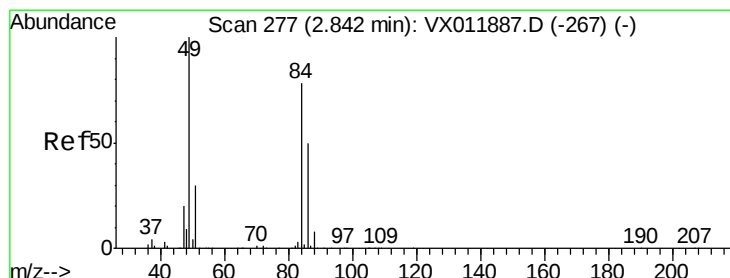
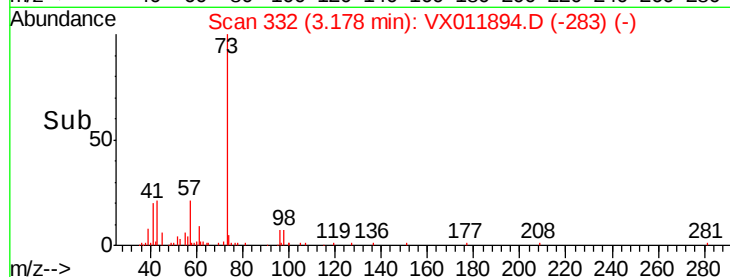
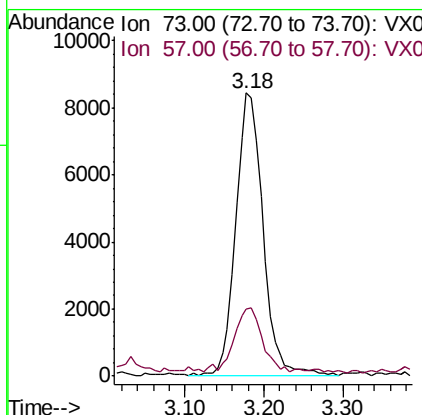
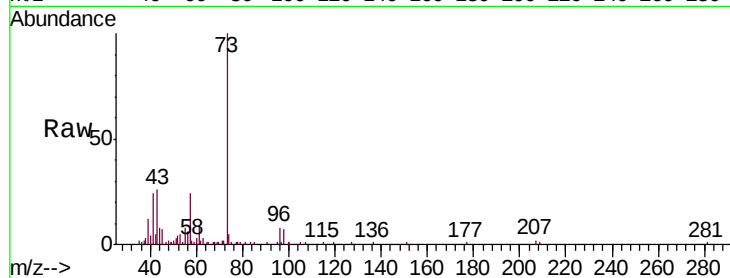


#19

Methyl tert-butyl Ether
 Concen: 2.840 ug/l
 RT: 3.18 min Scan# 332
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

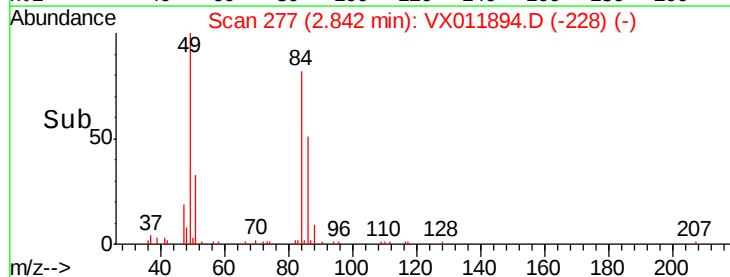
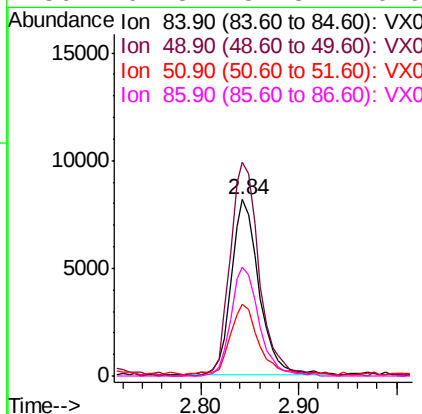
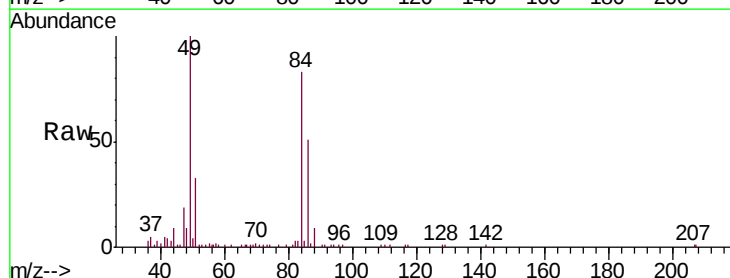
Tgt Ion: 73 Resp: 20421
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.4 26.0

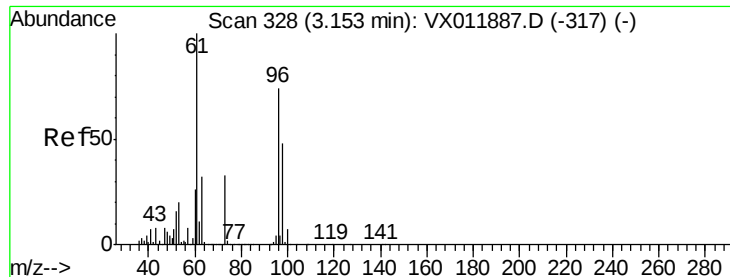


#20

Methylene Chloride
 Concen: 4.956 ug/l
 RT: 2.84 min Scan# 277
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

Tgt Ion: 84 Resp: 16026
 Ion Ratio Lower Upper
 84 100
 49 121.2 103.0 154.4
 51 39.7 30.8 46.2
 86 61.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 2.558 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampleId :

MDL01

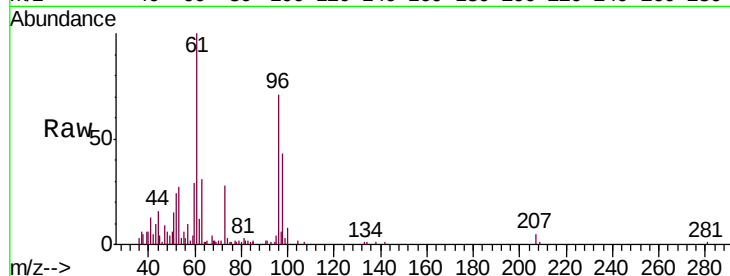
Tgt Ion: 96 Resp: 6688

Ion Ratio Lower Upper

96 100

61 143.2 107.4 161.2

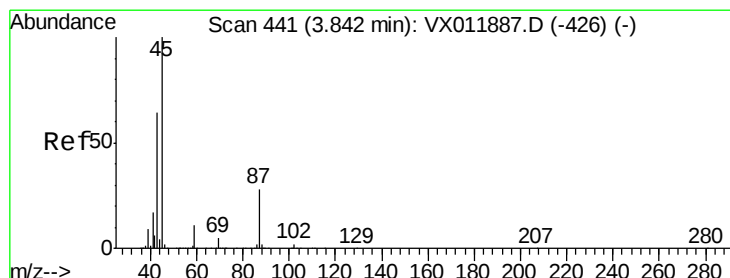
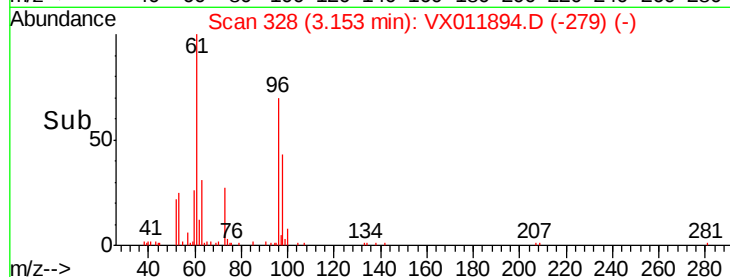
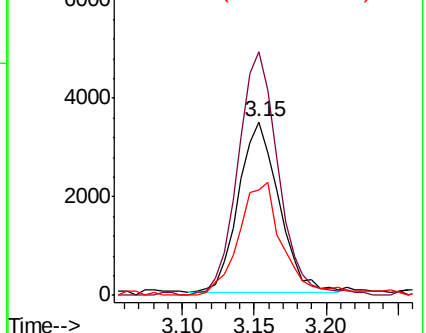
98 62.0 51.4 77.2



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



#22

Diisopropyl ether

Concen: 2.676 ug/l

RT: 3.84 min Scan# 440

Delta R.T. -0.01 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

Tgt Ion: 45 Resp: 22744

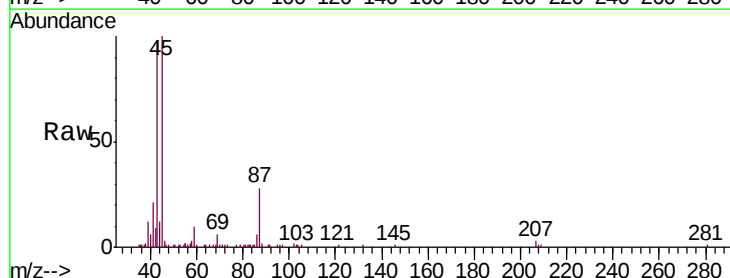
Ion Ratio Lower Upper

45 100

43 92.3 51.0 76.6#

87 27.3 22.0 33.0

59 9.3 9.1 13.7

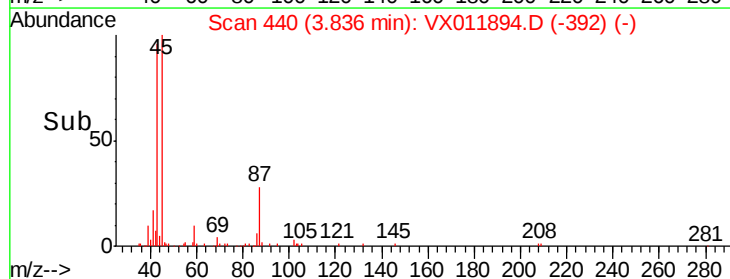
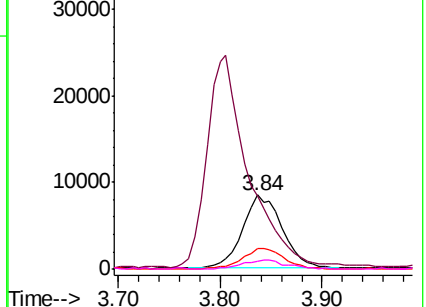


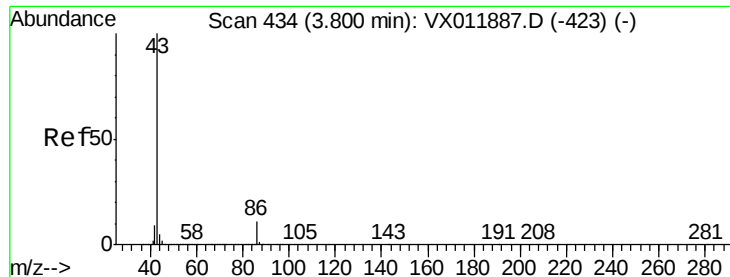
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

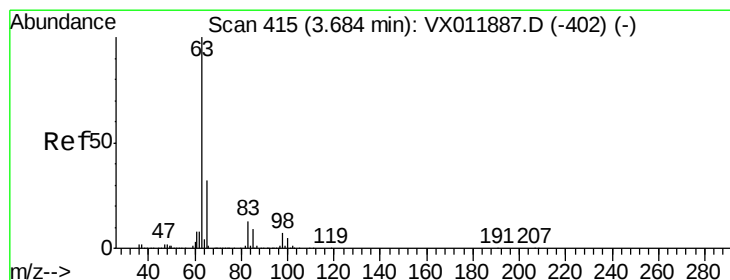
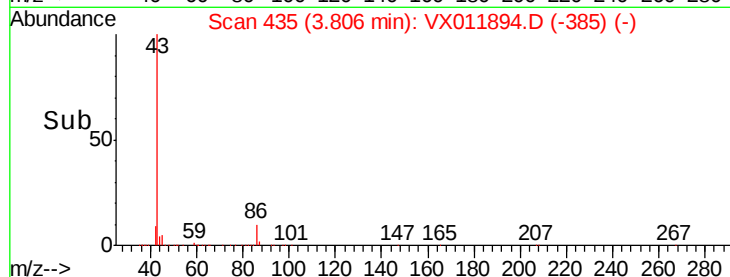
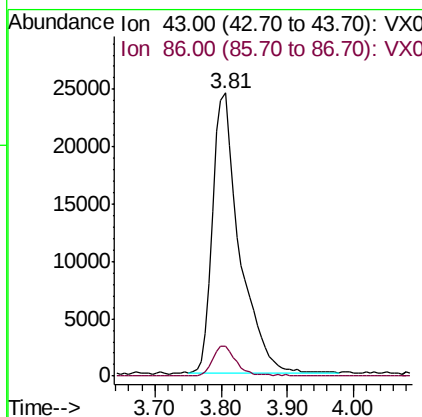
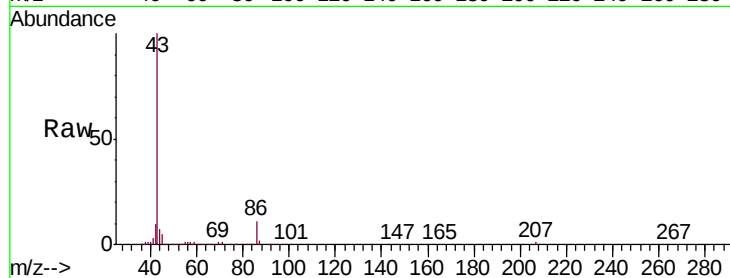




#23
 Vinyl Acetate
 Concen: 12.701 ug/l
 RT: 3.81 min Scan# 435
 Delta R.T. 0.01 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

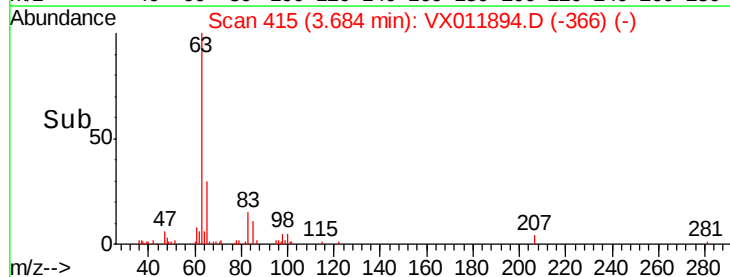
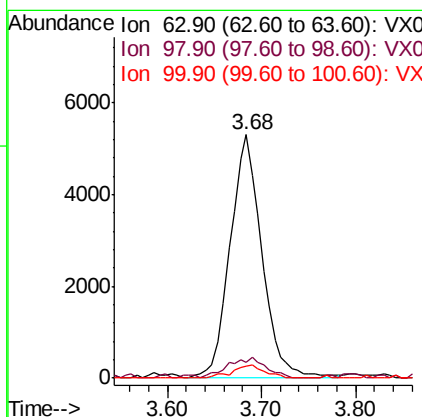
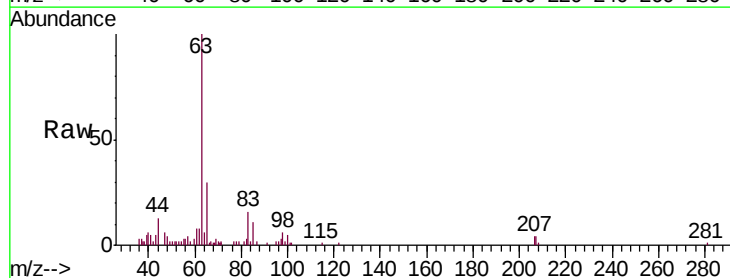
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

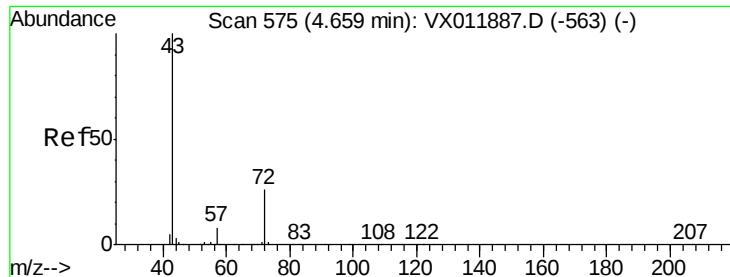
Tgt Ion: 43 Resp: 69405
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 2.658 ug/l
 RT: 3.68 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

Tgt Ion: 63 Resp: 12457
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.8 11.2
 100 5.0 2.4 7.2





#25

2-Butanone

Concen: 13.649 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.01 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampleId :

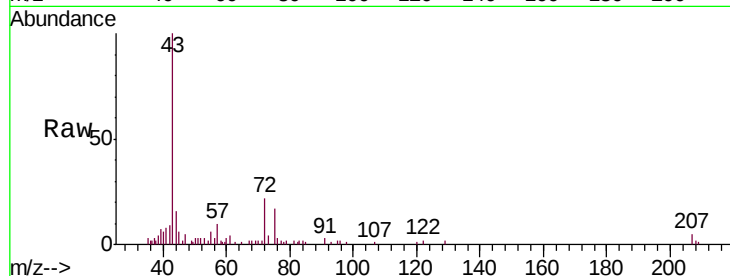
MDL01

Tgt Ion: 43 Resp: 12950

Ion Ratio Lower Upper

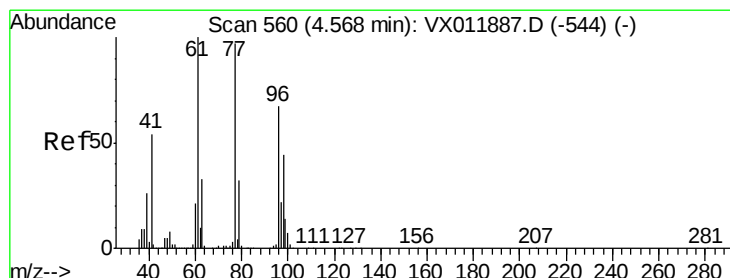
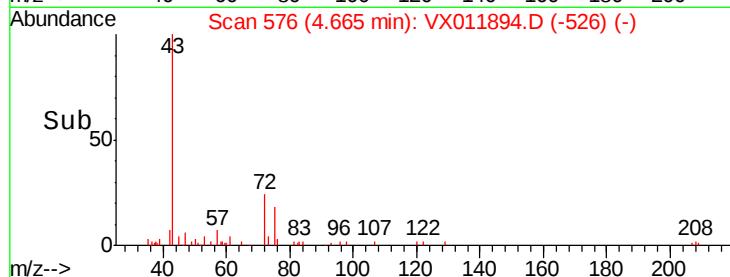
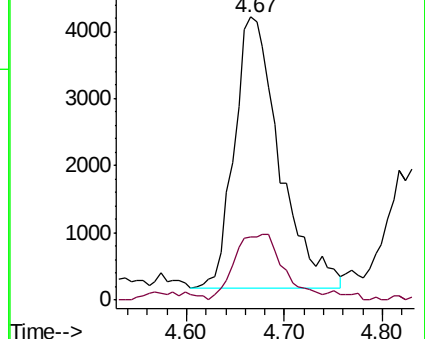
43 100

72 21.4 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 2.423 ug/l

RT: 4.57 min Scan# 560

Delta R.T. 0.00 min

Lab File: VX011894.D

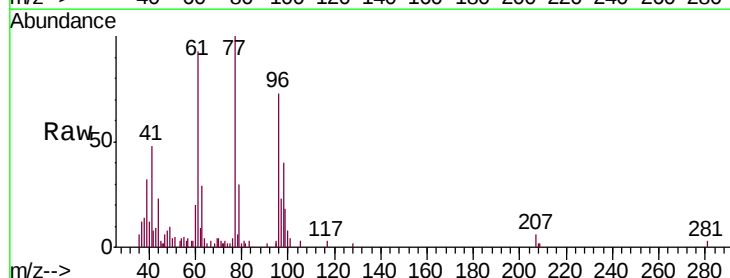
Acq: 30 Aug 2019 02:40

Tgt Ion: 77 Resp: 9526

Ion Ratio Lower Upper

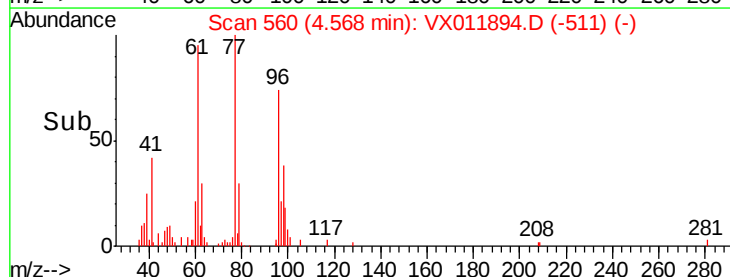
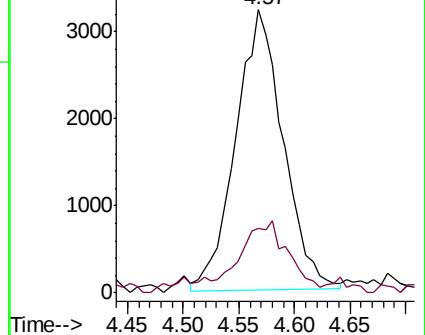
77 100

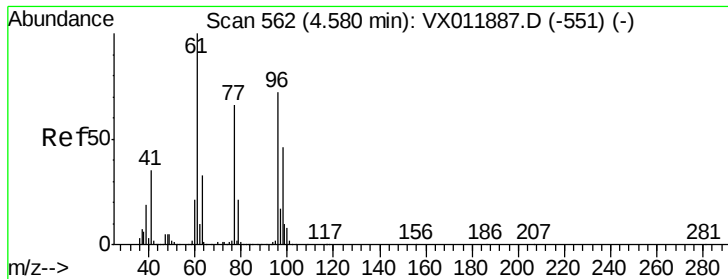
97 24.3 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



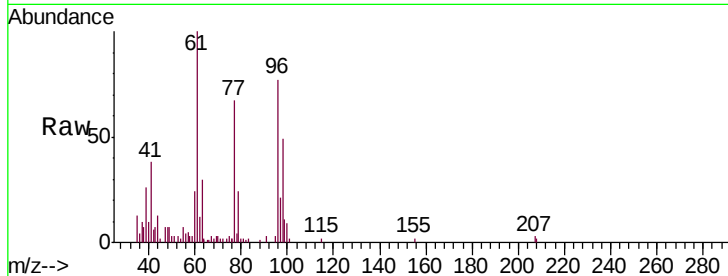


#27

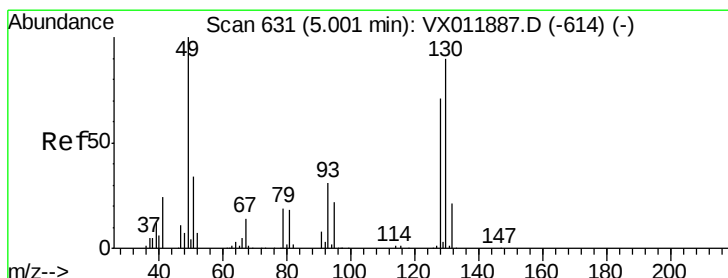
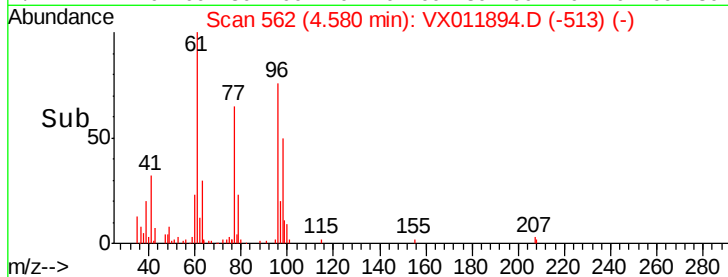
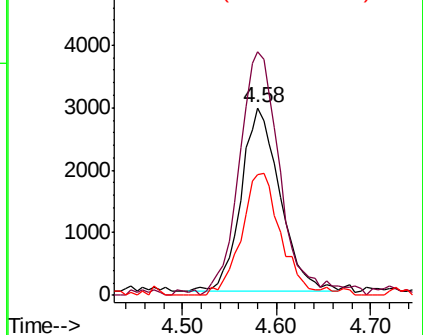
cis-1,2-Dichloroethene
 Concen: 2.769 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

Instrument :
 MSVOA_X
 ClientSampled :
 MDL01

Tgt Ion: 96 Resp: 8529
 Ion Ratio Lower Upper
 96 100
 61 139.9 0.0 283.8
 98 66.2 0.0 131.2



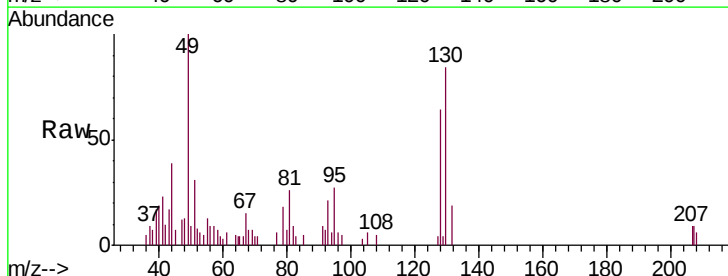
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



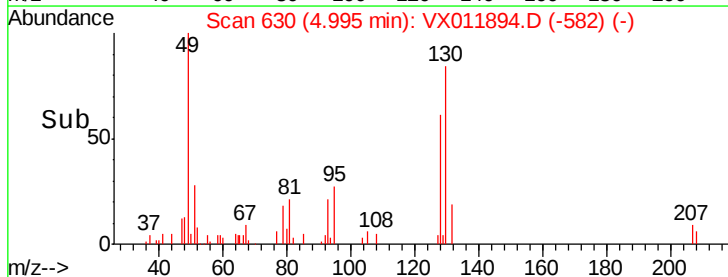
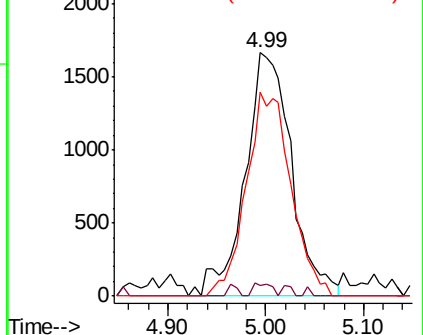
#28

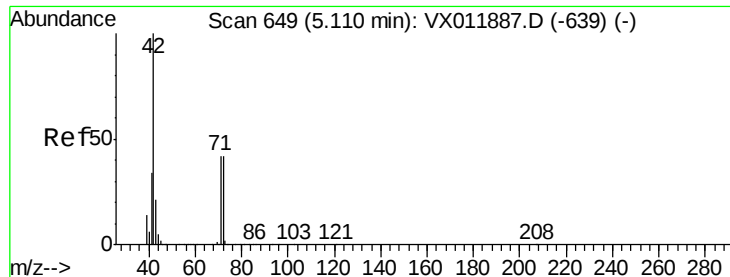
Bromochloromethane
 Concen: 2.610 ug/l
 RT: 4.99 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

Tgt Ion: 49 Resp: 5489
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 80.5 70.6 105.8



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

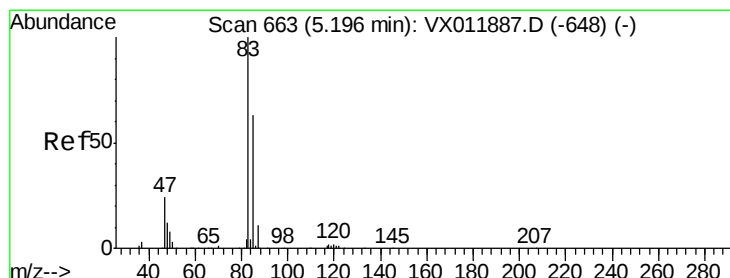
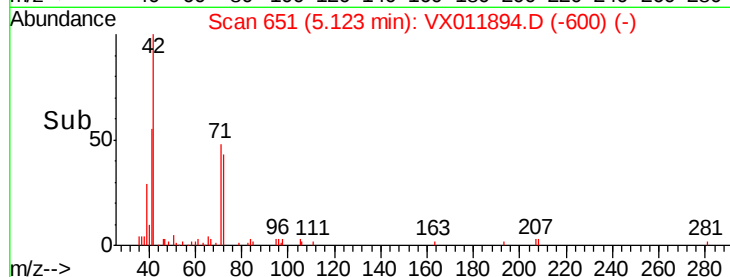
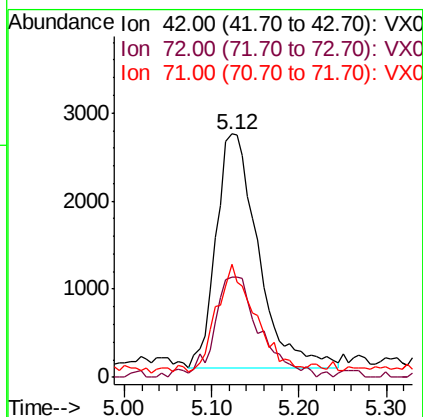
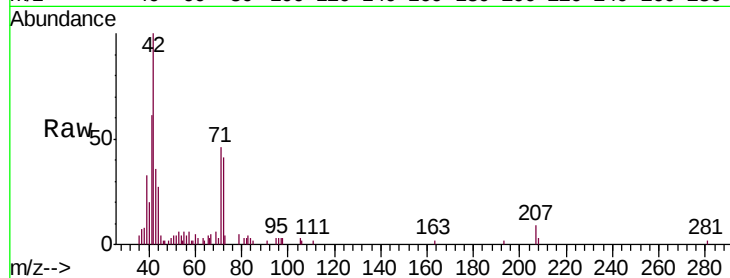




#29
Tetrahydrofuran
Concen: 14.932 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.01 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

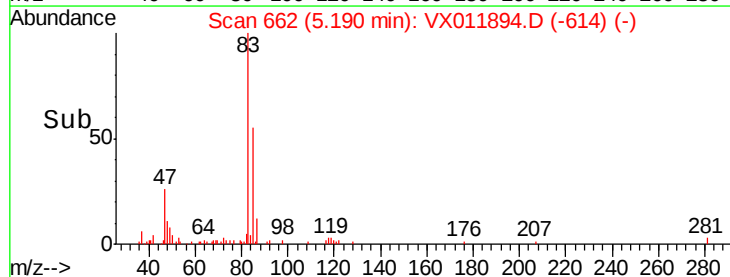
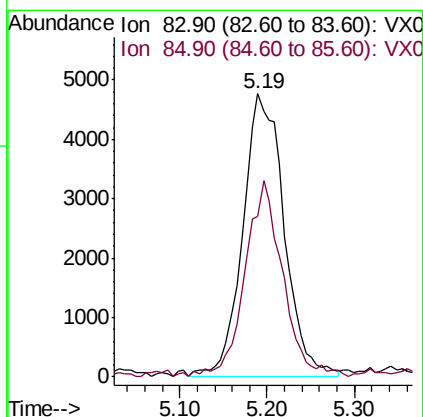
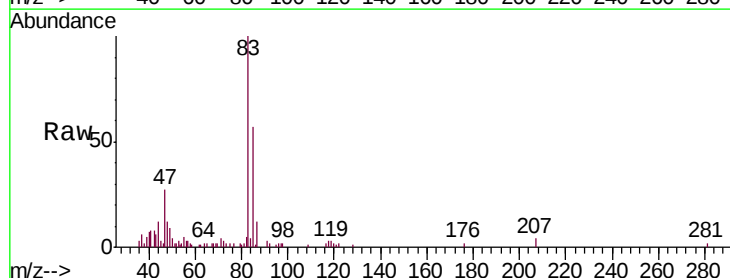
Instrument :
MSVOA_X
ClientSampled :
MDL01

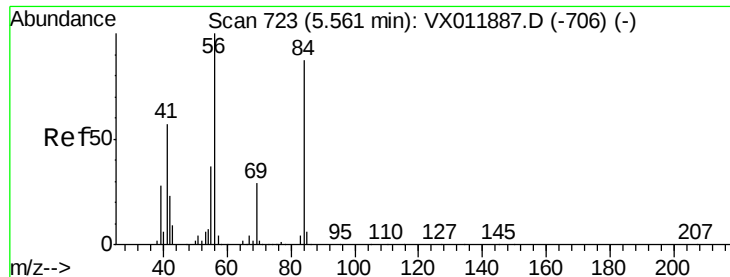
Tgt Ion: 42 Resp: 8843
Ion Ratio Lower Upper
42 100
72 45.6 36.2 54.4
71 42.2 33.1 49.7



#30
Chloroform
Concen: 3.125 ug/l
RT: 5.19 min Scan# 662
Delta R.T. -0.01 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

Tgt Ion: 83 Resp: 15660
Ion Ratio Lower Upper
83 100
85 56.9 50.6 75.8

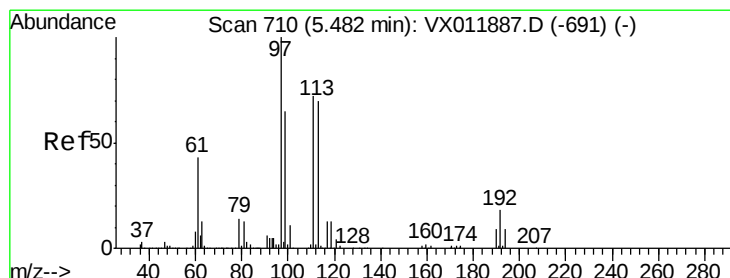
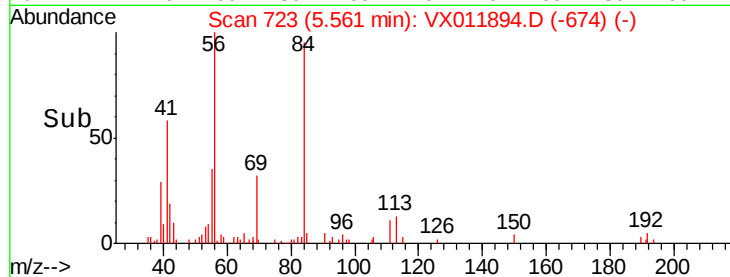
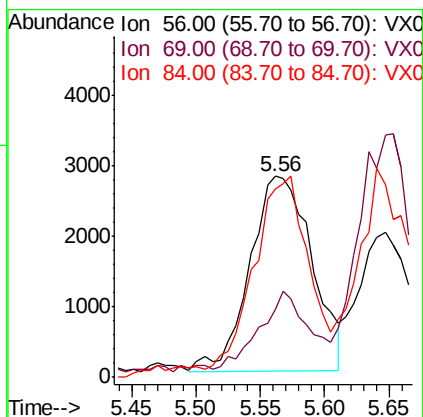
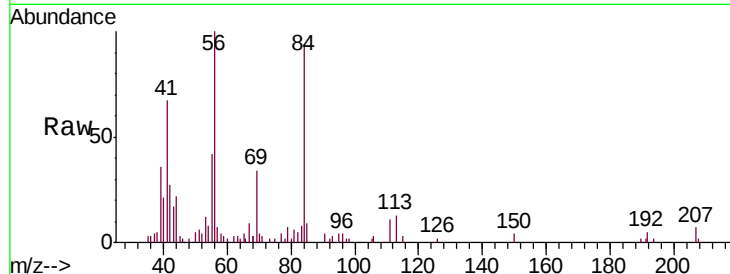




#31
Cyclohexane
Concen: 2.443 ug/l
RT: 5.56 min Scan# 723
Delta R.T. 0.00 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

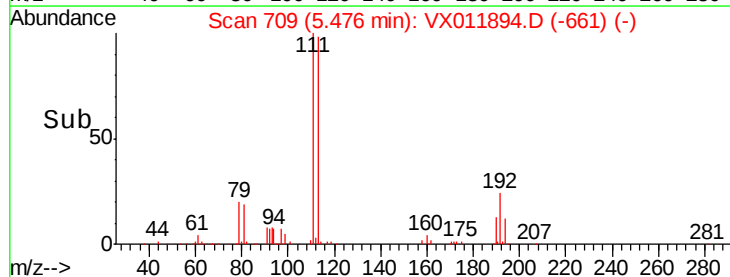
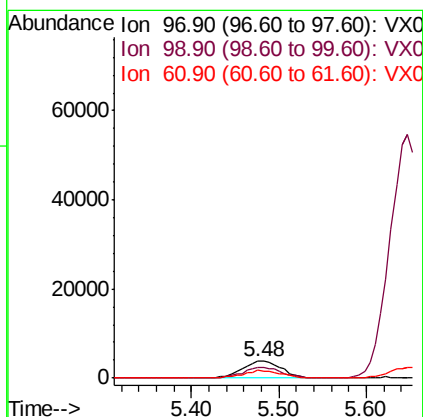
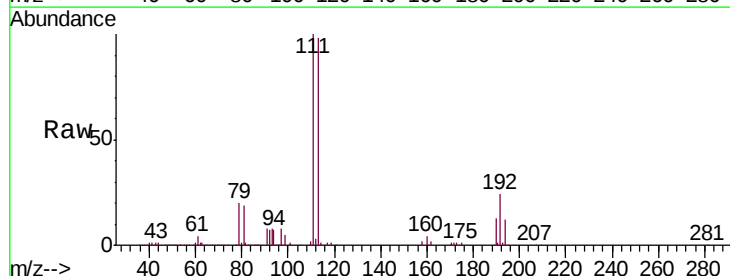
Instrument :
MSVOA_X
ClientSampleId :
MDL01

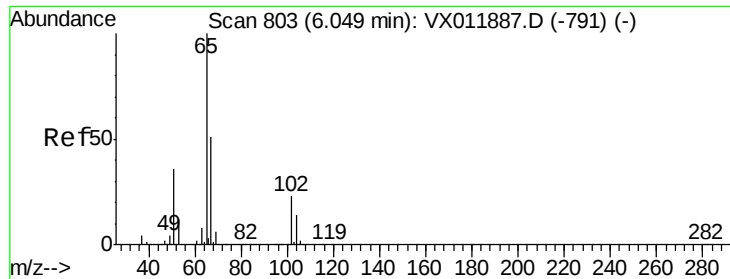
Tgt Ion: 56 Resp: 9235
Ion Ratio Lower Upper
56 100
69 30.2 23.1 34.7
84 92.6 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 2.625 ug/l
RT: 5.48 min Scan# 709
Delta R.T. -0.01 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

Tgt Ion: 97 Resp: 11685
Ion Ratio Lower Upper
97 100
99 65.0 51.8 77.8
61 43.9 33.8 50.6

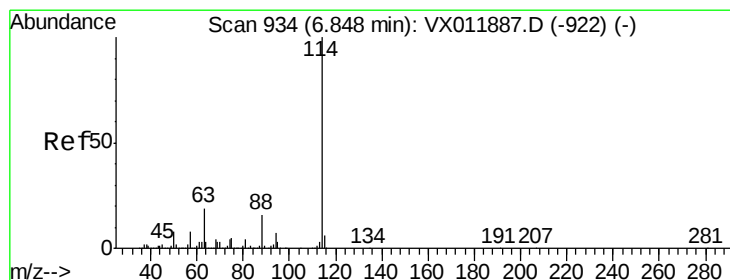
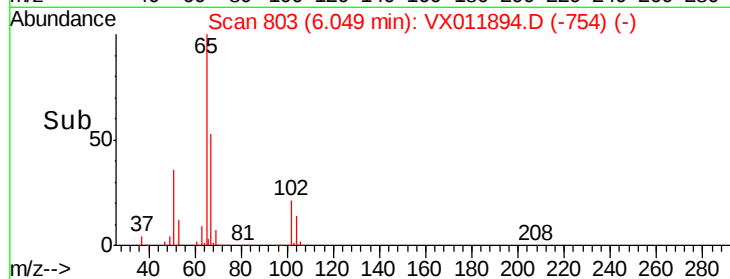
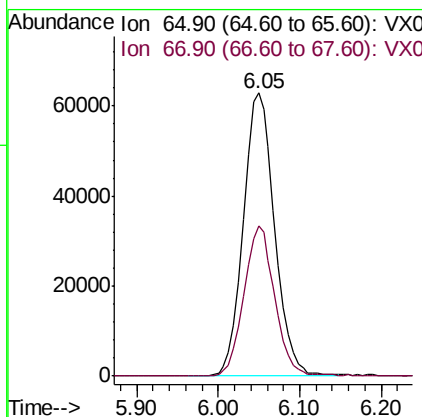
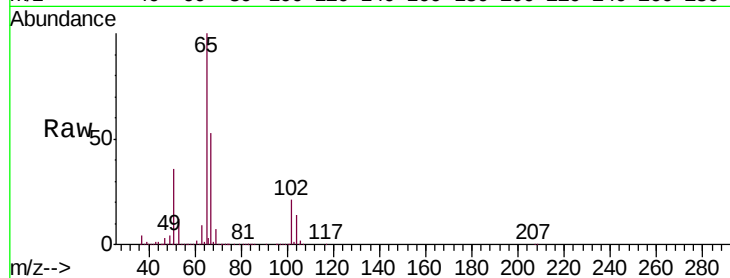




#33
 1,2-Dichloroethane-d4
 Concen: 55.348 ug/l
 RT: 6.05 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

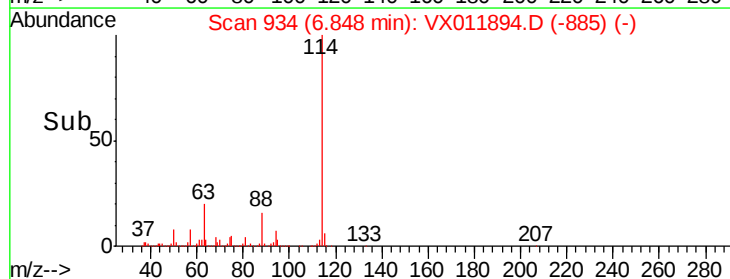
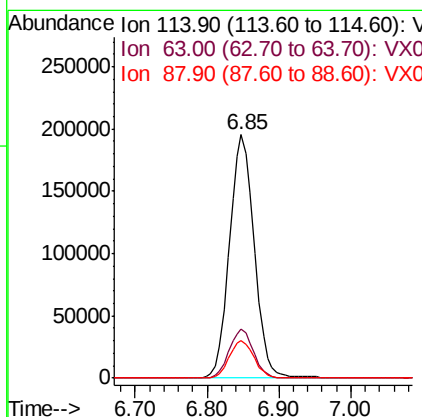
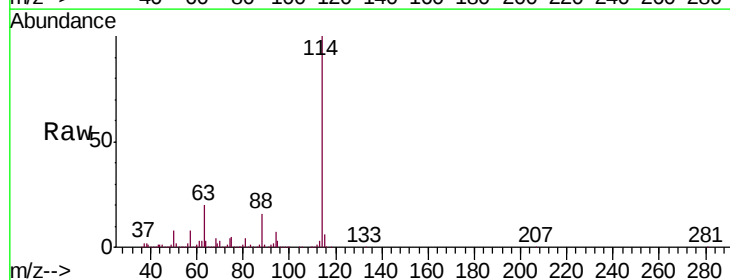
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

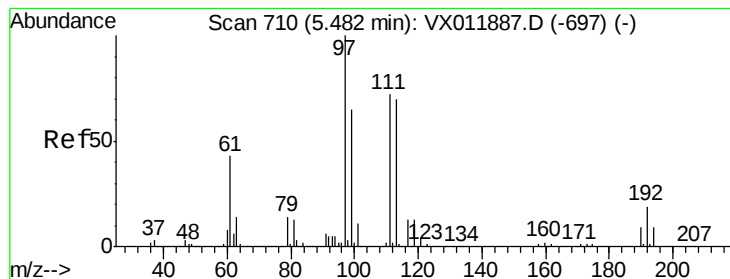
Tgt Ion: 65 Resp: 167581
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

Tgt Ion: 114 Resp: 466997
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.8
 88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.862 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.01 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampleId :

MDL01

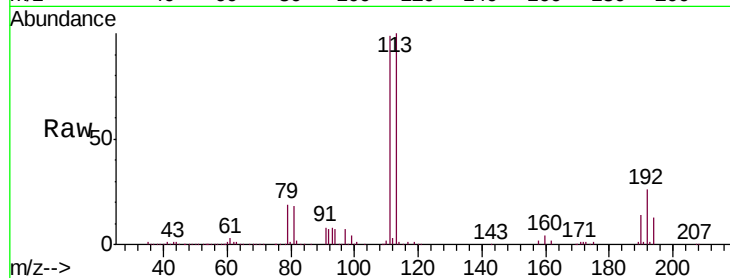
Tgt Ion:113 Resp: 152309

Ion Ratio Lower Upper

113 100

111 101.6 82.1 123.1

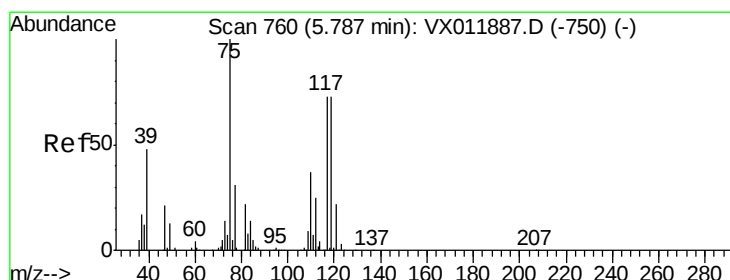
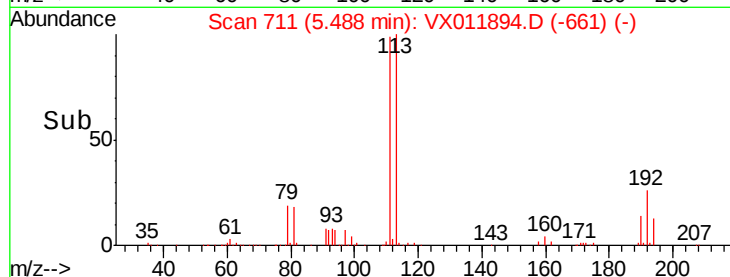
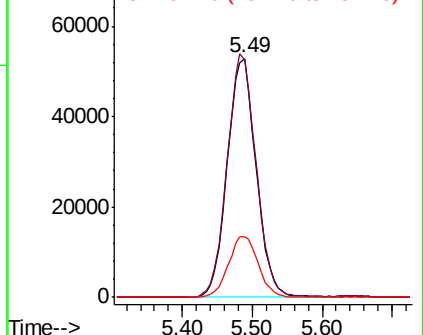
192 26.2 21.5 32.3



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: 2.381 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

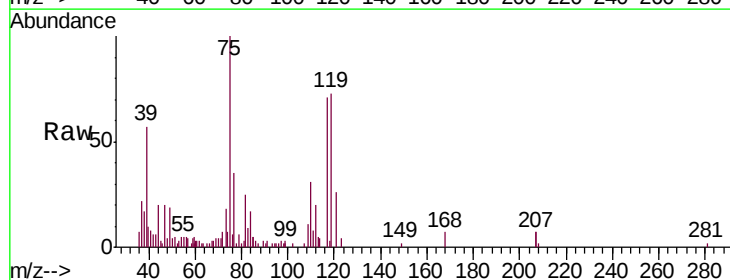
Tgt Ion: 75 Resp: 8808

Ion Ratio Lower Upper

75 100

110 40.5 19.1 57.3

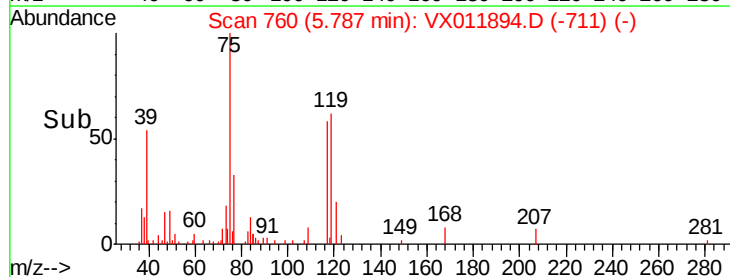
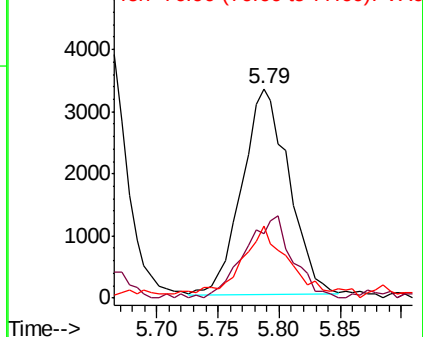
77 31.8 24.4 36.6

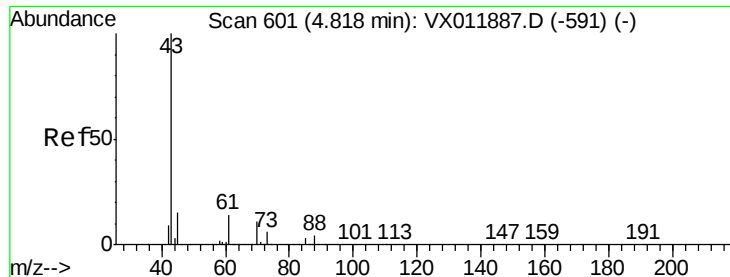


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

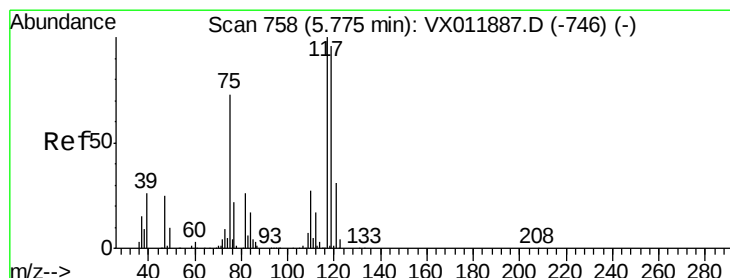
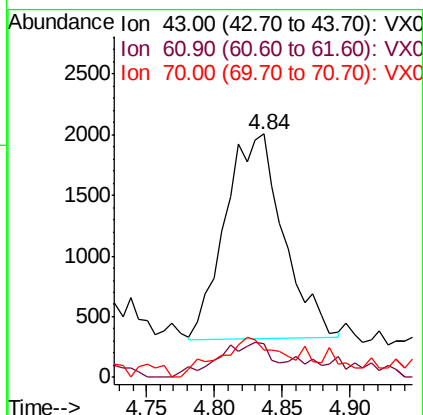
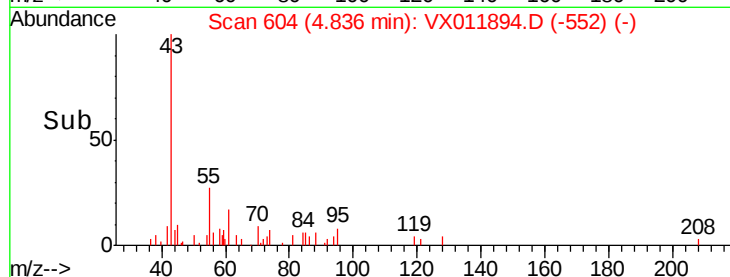
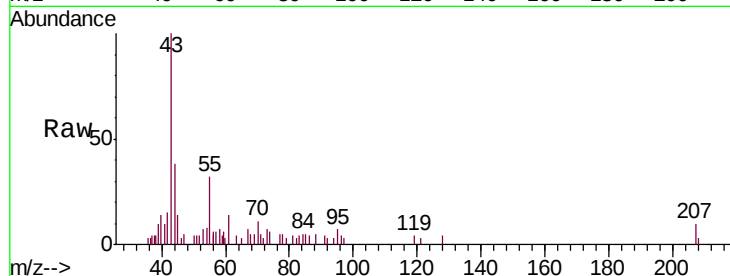




#37
Ethyl Acetate
Concen: 2.298 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.02 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

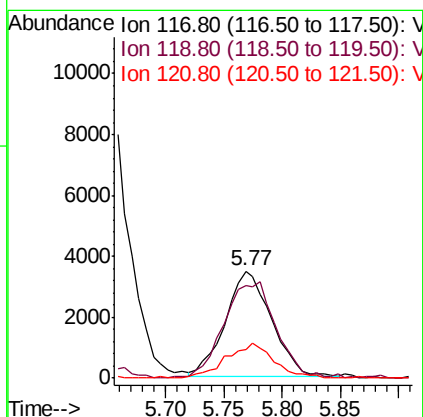
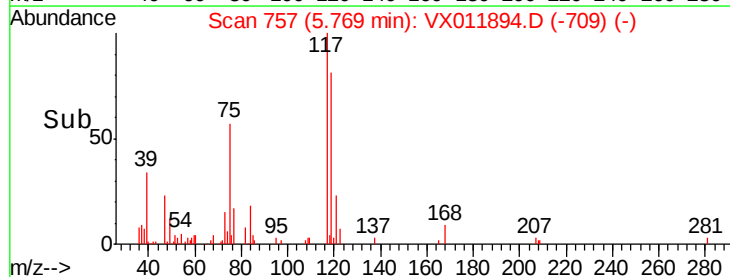
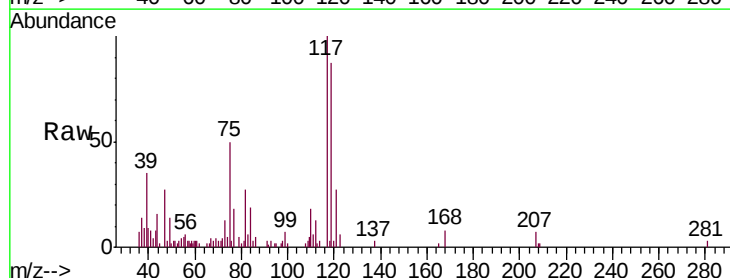
Instrument :
MSVOA_X
ClientSampled :
MDL01

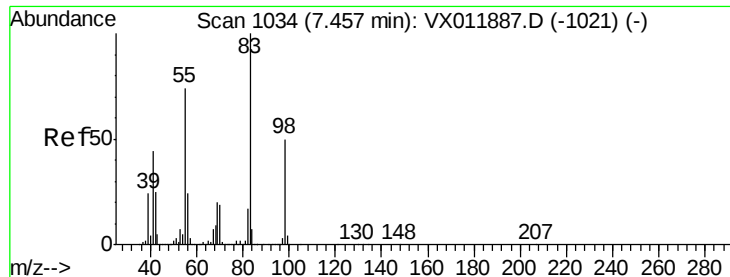
Tgt Ion: 43 Resp: 5032
Ion Ratio Lower Upper
43 100
61 15.8 11.0 16.4
70 20.0 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 2.224 ug/l
RT: 5.77 min Scan# 757
Delta R.T. -0.01 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

Tgt Ion: 117 Resp: 9545
Ion Ratio Lower Upper
117 100
119 87.4 76.6 114.8
121 27.4 24.7 37.1

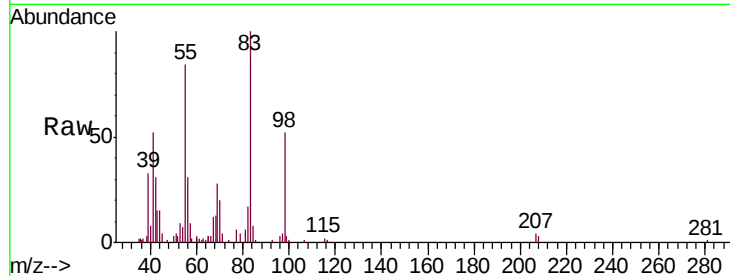




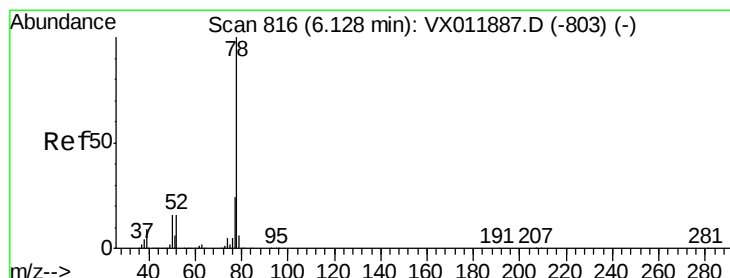
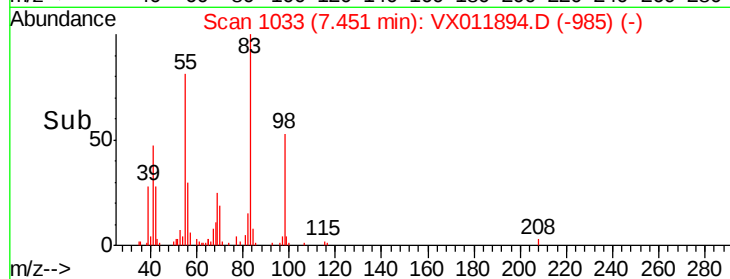
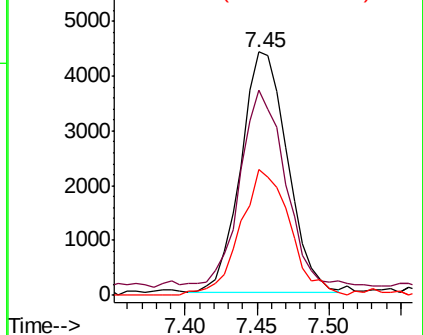
#39
Methylcyclohexane
Concen: 2.220 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

Instrument :
MSVOA_X
ClientSampleId :
MDL01

Tgt Ion: 83 Resp: 9784
Ion Ratio Lower Upper
83 100
55 80.8 59.4 89.0
98 51.2 40.3 60.5

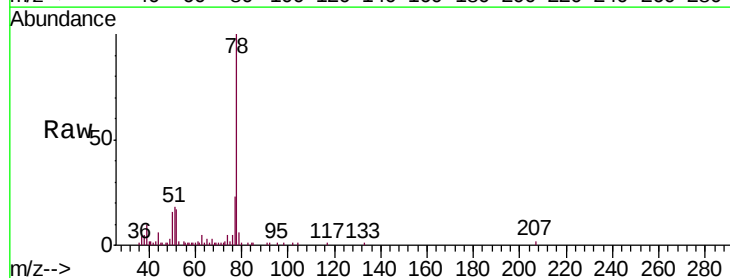


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

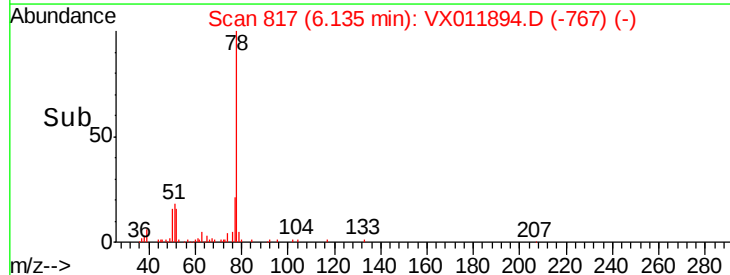
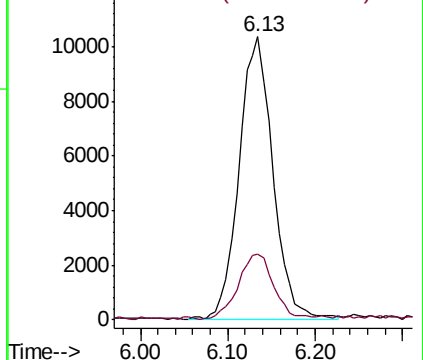


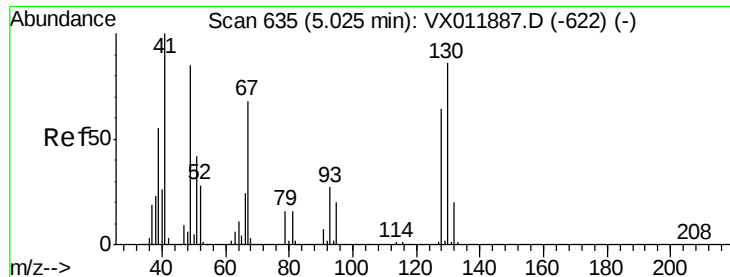
#40
Benzene
Concen: 2.535 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.01 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

Tgt Ion: 78 Resp: 27999
Ion Ratio Lower Upper
78 100
77 22.5 19.0 28.6



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

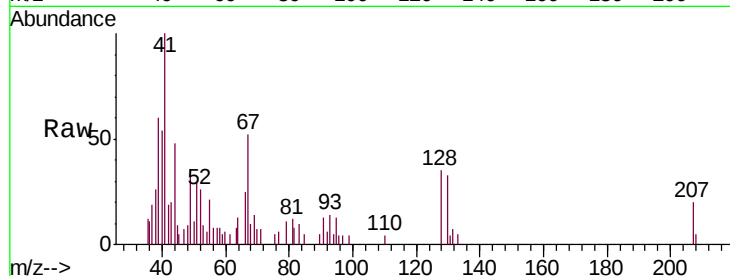




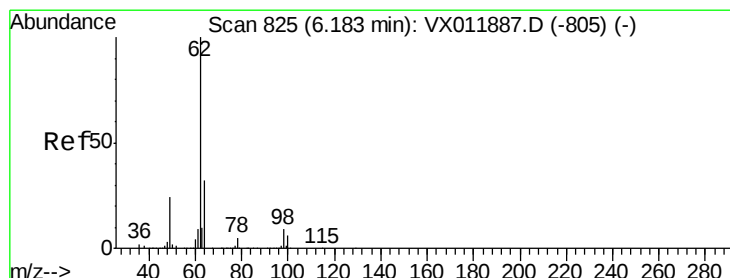
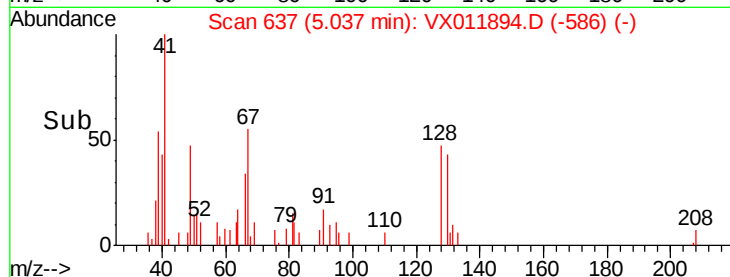
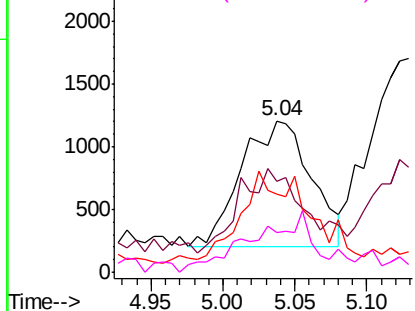
#41
Methacrylonitrile
Concen: 2.618 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.01 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

Instrument :
MSVOA_X
ClientSampled :
MDL01

Tgt Ion:	41	Resp:	3376
Ion	Ratio	Lower	Upper
41	100		
39	63.3	45.0	67.6
67	39.3	55.0	82.4#
52	23.4	24.1	36.1#

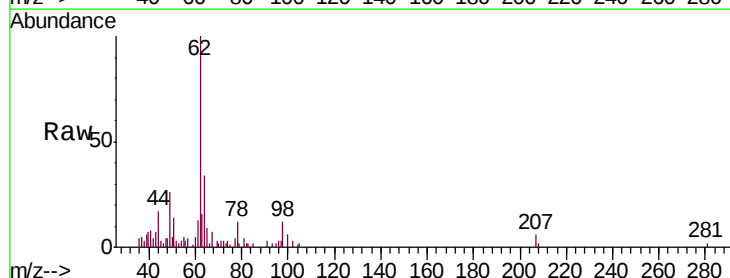


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

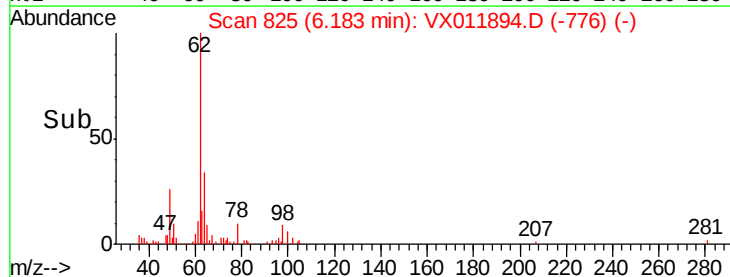
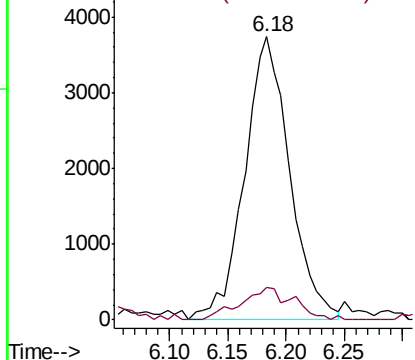


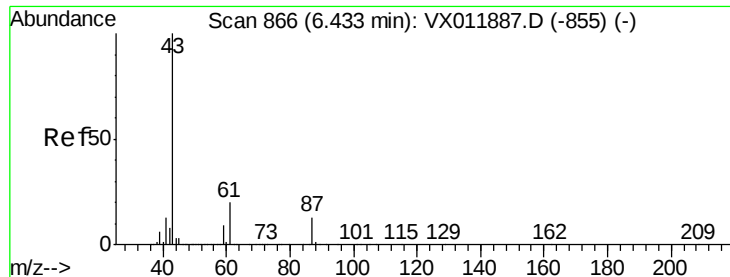
#42
1,2-Dichloroethane
Concen: 2.681 ug/l
RT: 6.18 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

Tgt Ion:	62	Resp:	10067
Ion	Ratio	Lower	Upper
62	100		
98	13.5	0.0	19.2



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





#43

Isopropyl Acetate

Concen: 2.552 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.01 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampleId :

MDL01

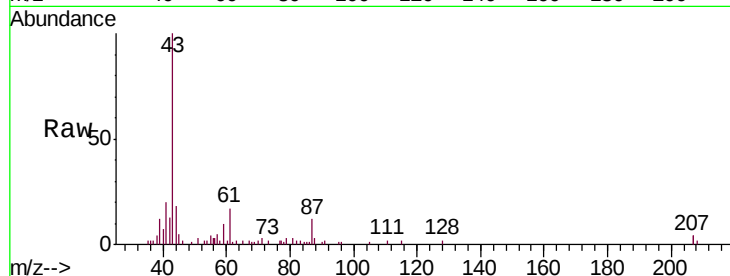
Tgt Ion: 43 Resp: 11331

Ion Ratio Lower Upper

43 100

61 21.8 16.1 24.1

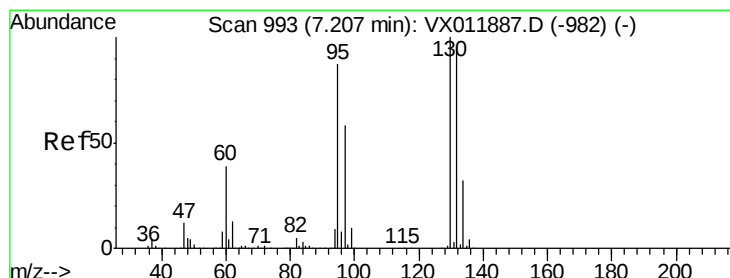
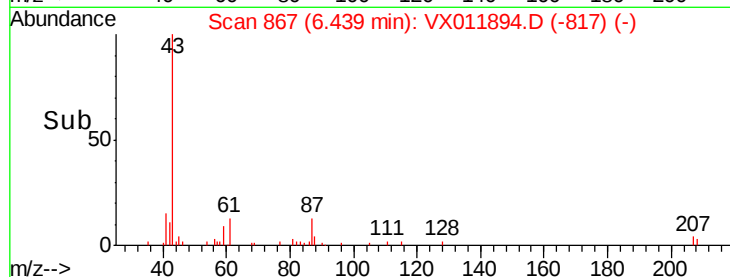
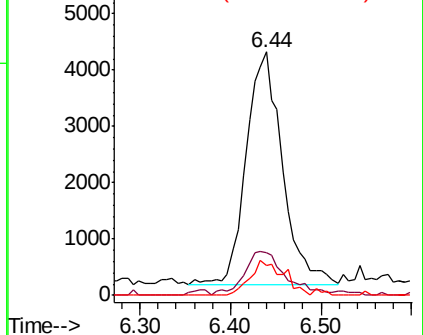
87 14.1 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VX011887.D (-855) (-)

Ion 61.00 (60.70 to 61.70): VX011887.D (-855) (-)

Ion 87.00 (86.70 to 87.70): VX011887.D (-855) (-)



#44

Trichloroethene

Concen: 2.520 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011894.D

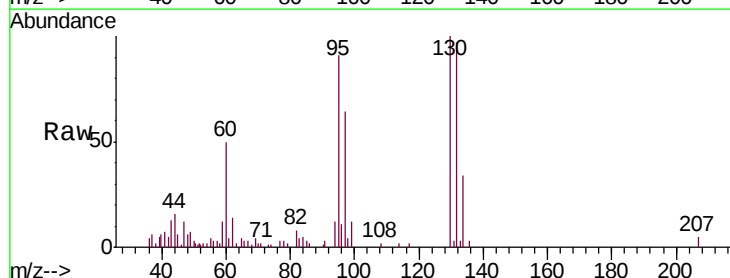
Acq: 30 Aug 2019 02:40

Tgt Ion: 130 Resp: 8612

Ion Ratio Lower Upper

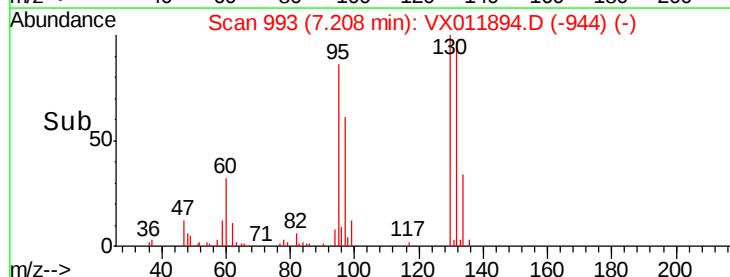
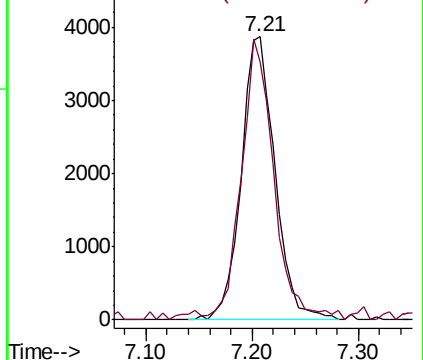
130 100

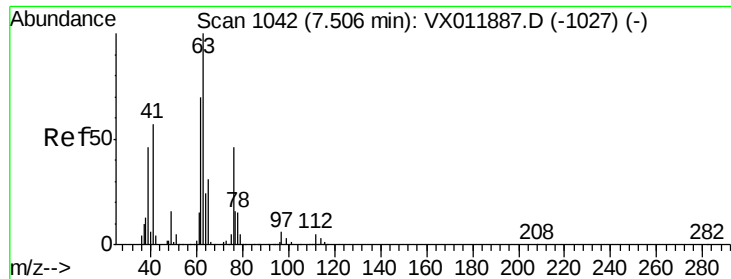
95 89.1 0.0 174.6



Abundance Ion 129.80 (129.50 to 130.50): VX011887.D (-982) (-)

Ion 94.90 (94.60 to 95.60): VX011887.D (-982) (-)

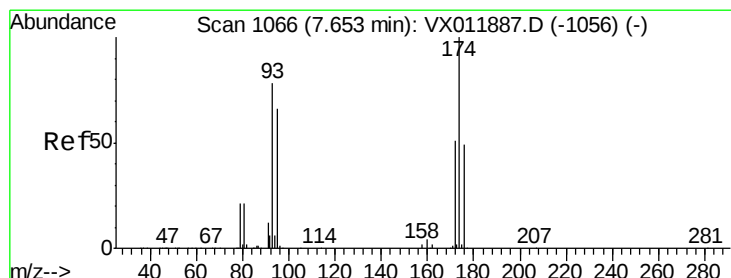
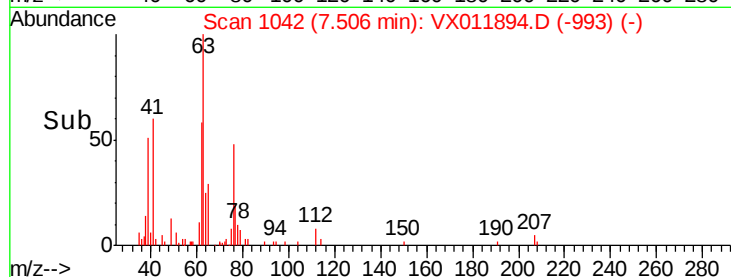
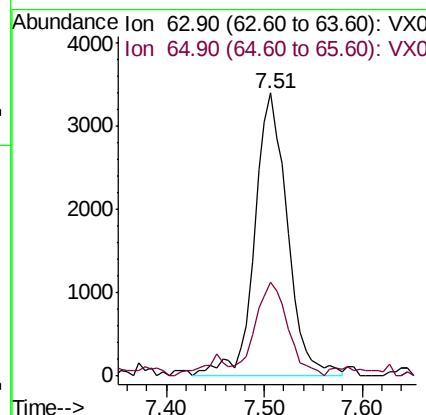
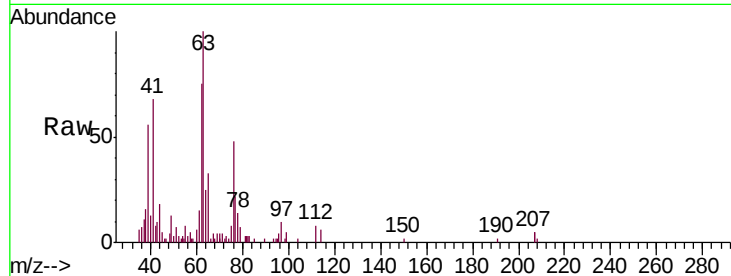




#45
 1,2-Dichloropropane
 Concen: 2.745 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

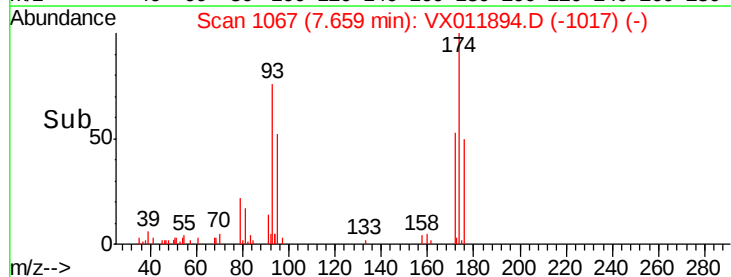
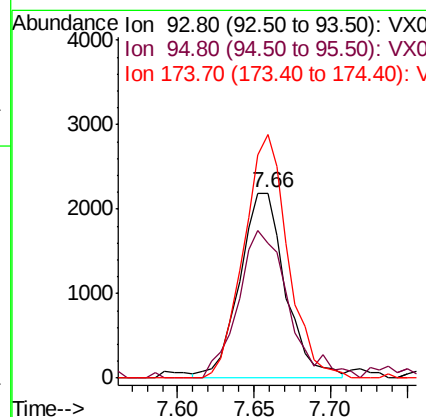
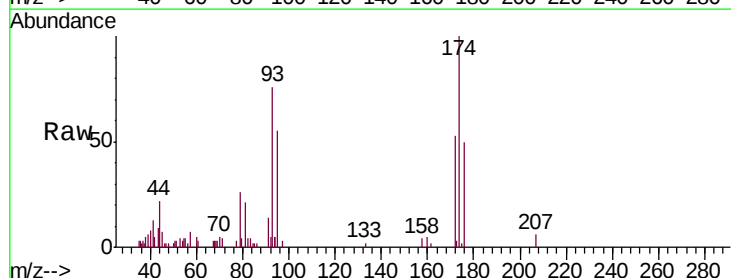
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

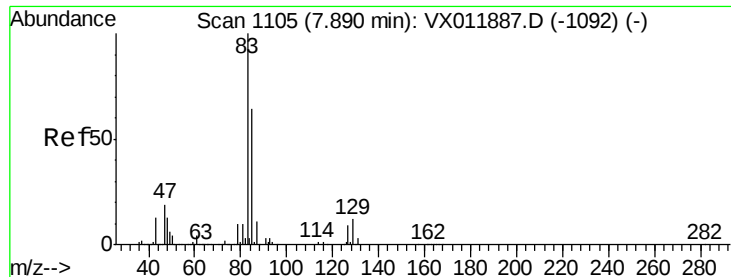
Tgt Ion: 63 Resp: 7930
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.1 37.7



#46
 Dibromomethane
 Concen: 2.661 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.01 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

Tgt Ion: 93 Resp: 4562
 Ion Ratio Lower Upper
 93 100
 95 87.6 65.7 98.5
 174 126.4 104.2 156.4





#47

Bromodichloromethane

Concen: 2.568 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampleId :

MDL01

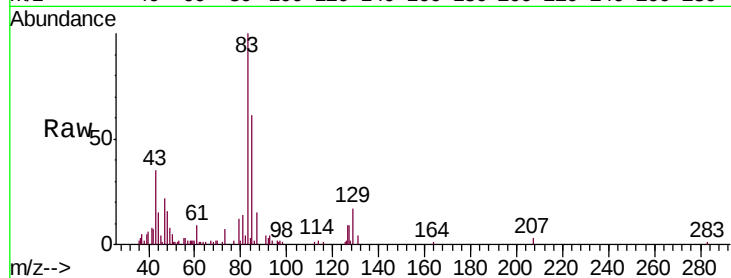
Tgt Ion: 83 Resp: 10916

Ion Ratio Lower Upper

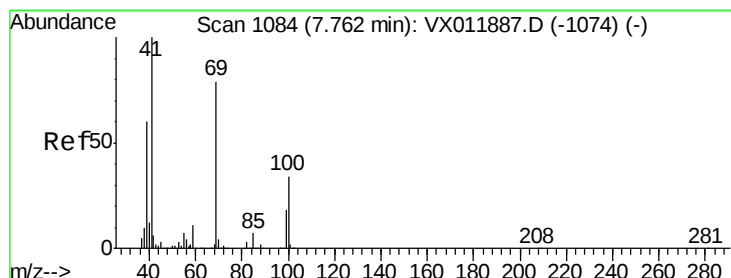
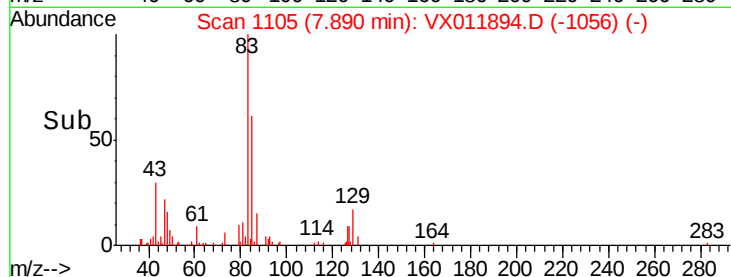
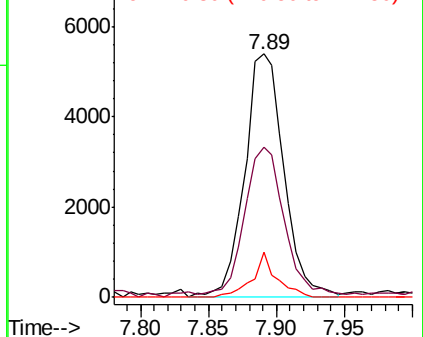
83 100

85 59.8 51.1 76.7

127 18.3 7.4 11.2#



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: 2.780 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

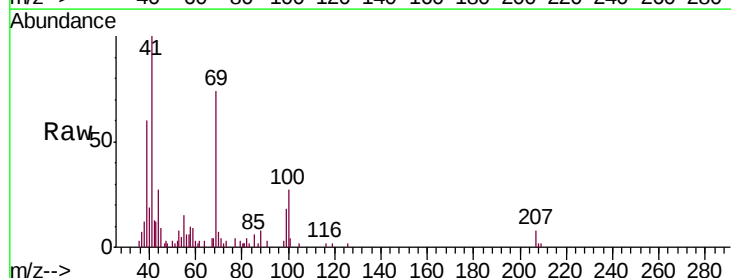
Tgt Ion: 41 Resp: 6005

Ion Ratio Lower Upper

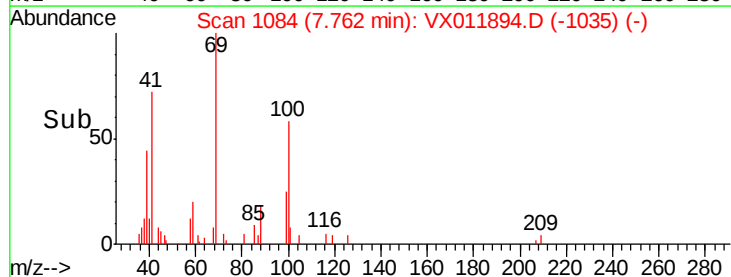
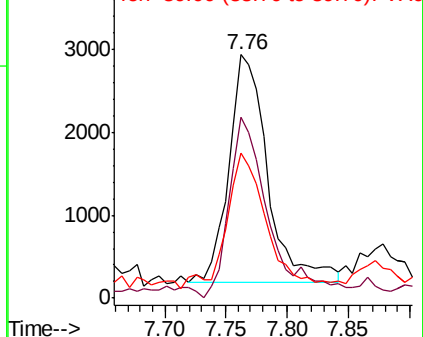
41 100

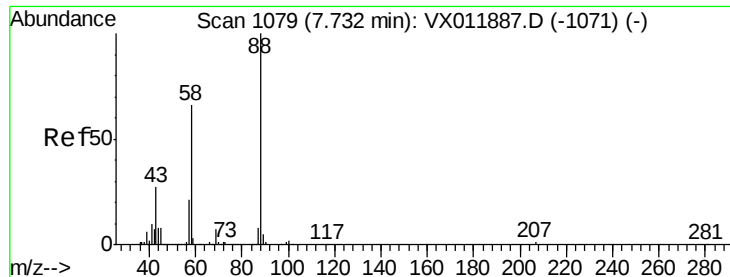
69 82.6 64.4 96.6

39 61.1 47.2 70.8



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

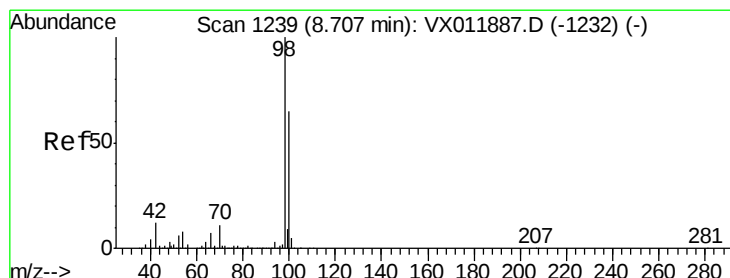
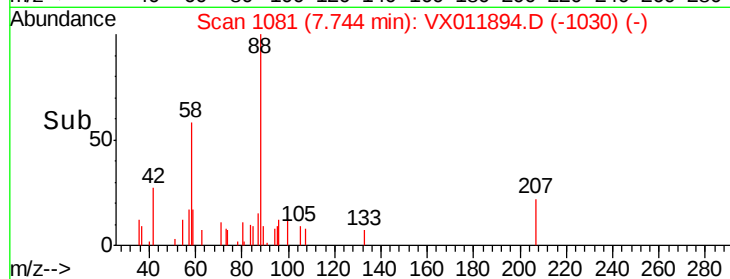
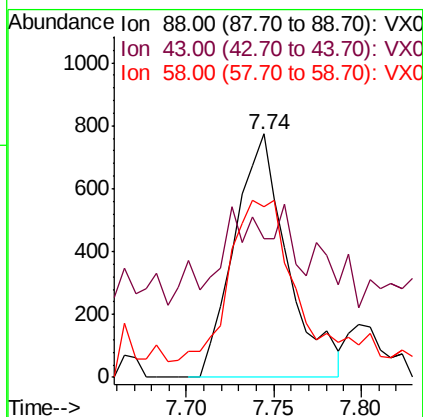
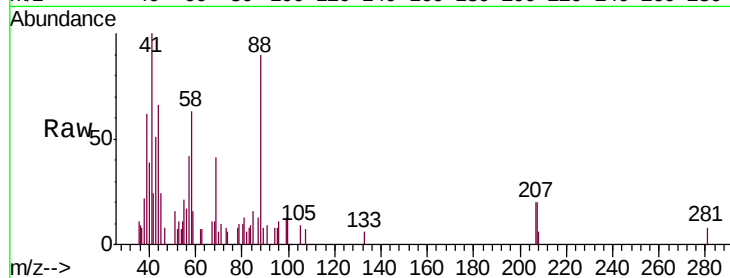




#49
 1,4-Dioxane
 Concen: 55.102 ug/l
 RT: 7.74 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

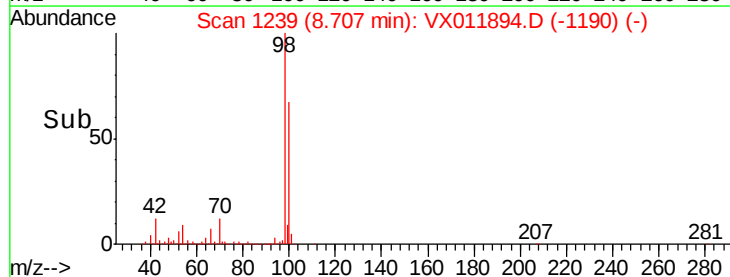
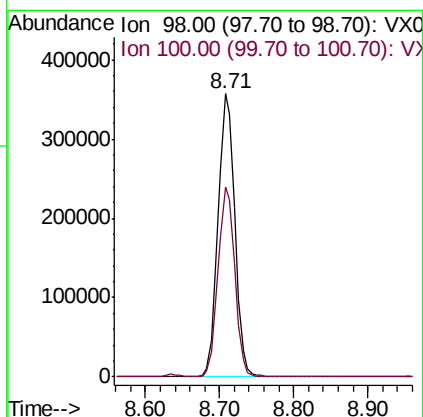
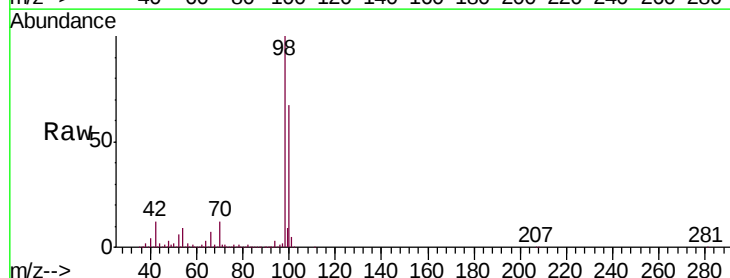
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

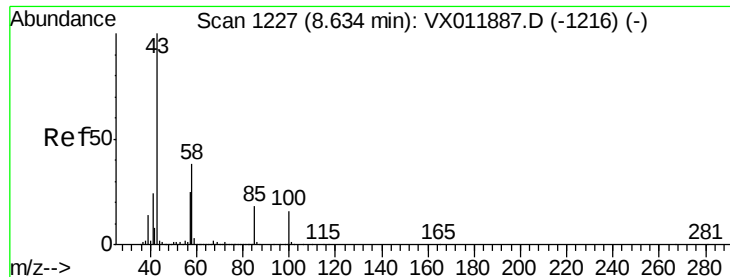
Tgt Ion: 88 Resp: 1637
 Ion Ratio Lower Upper
 88 100
 43 32.8 27.3 40.9
 58 81.7 53.9 80.9#



#50
 Toluene-d8
 Concen: 51.782 ug/l
 RT: 8.71 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

Tgt Ion: 98 Resp: 554315
 Ion Ratio Lower Upper
 98 100
 100 66.6 53.0 79.6

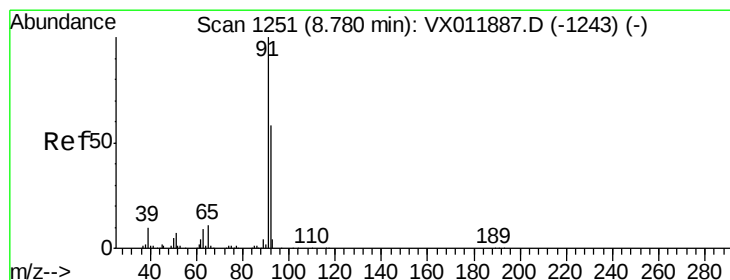
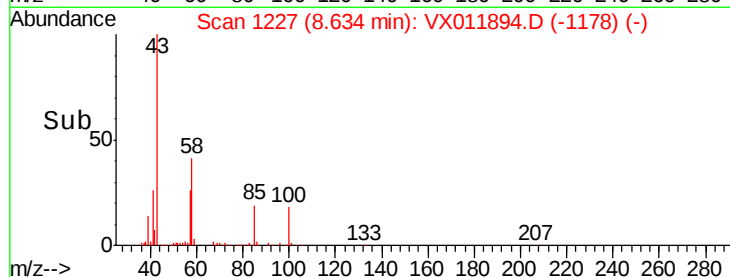
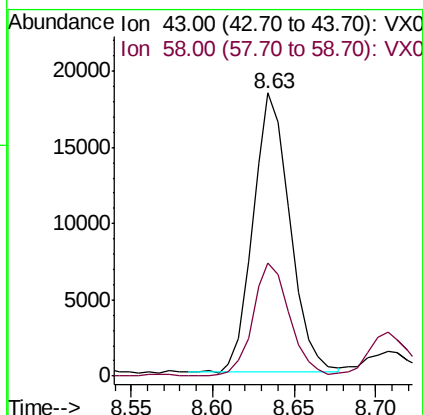
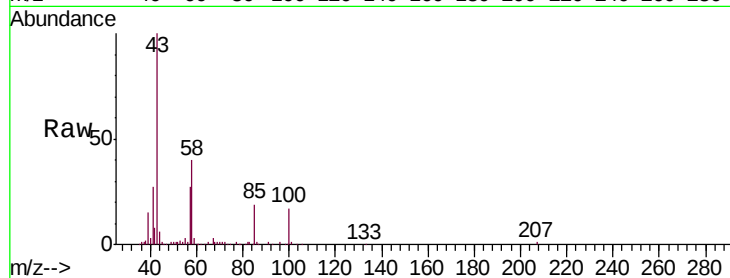




#51
 4-Methyl-2-Pentanone
 Concen: 12.678 ug/l
 RT: 8.63 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

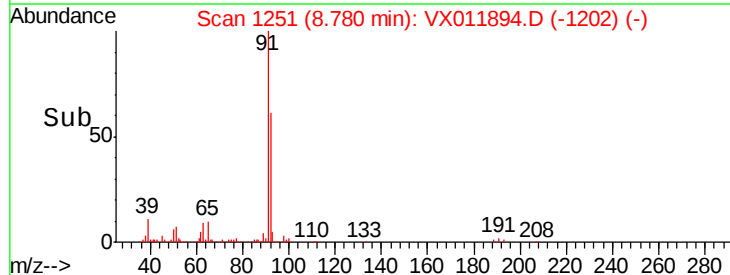
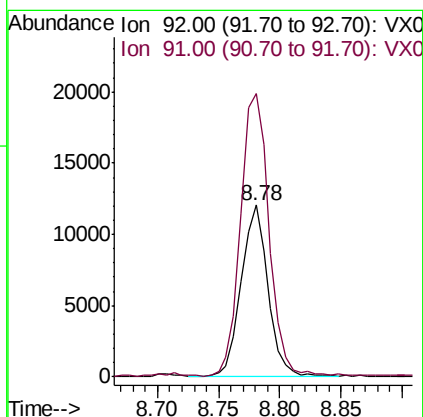
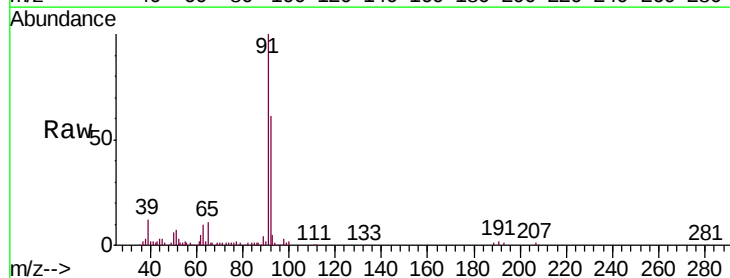
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

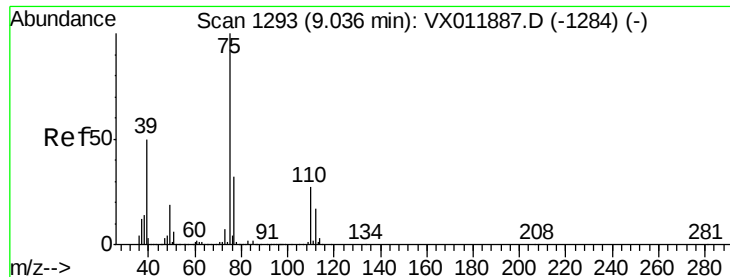
Tgt Ion: 43 Resp: 28596
 Ion Ratio Lower Upper
 43 100
 58 40.7 30.9 46.3



#52
 Toluene
 Concen: 2.516 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

Tgt Ion: 92 Resp: 18383
 Ion Ratio Lower Upper
 92 100
 91 173.5 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 2.479 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampleId :

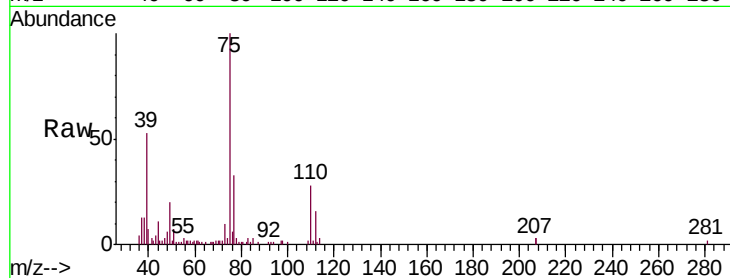
MDL01

Tgt Ion: 75 Resp: 10795

Ion Ratio Lower Upper

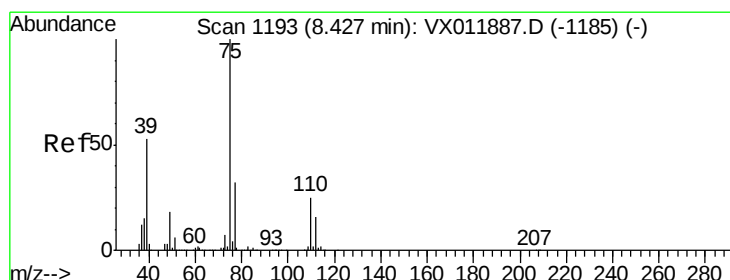
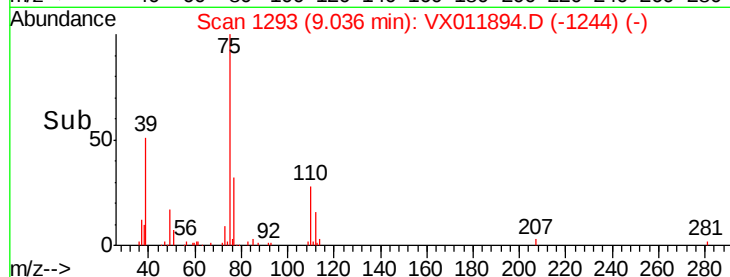
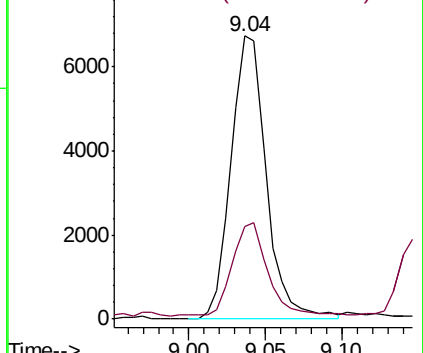
75 100

77 30.9 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 2.486 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.01 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

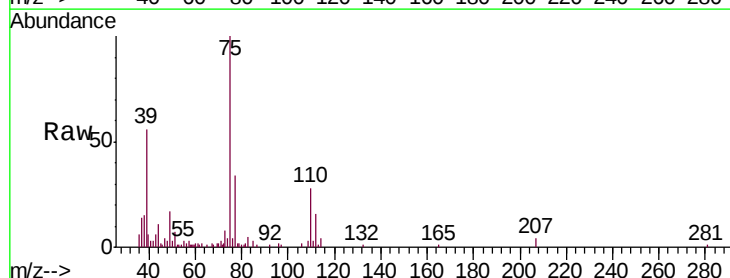
Tgt Ion: 75 Resp: 12151

Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3

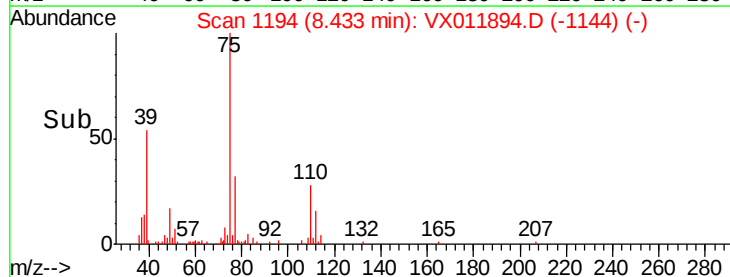
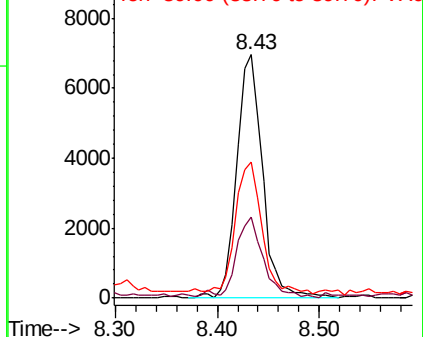
39 53.2 42.6 64.0

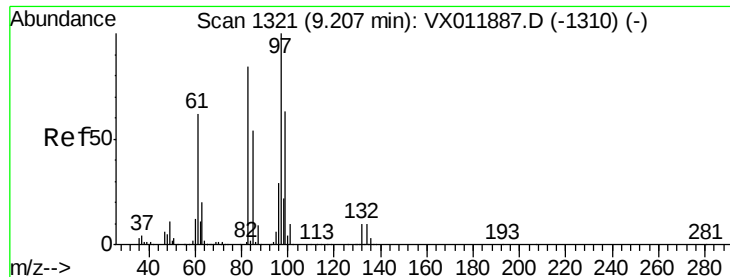


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

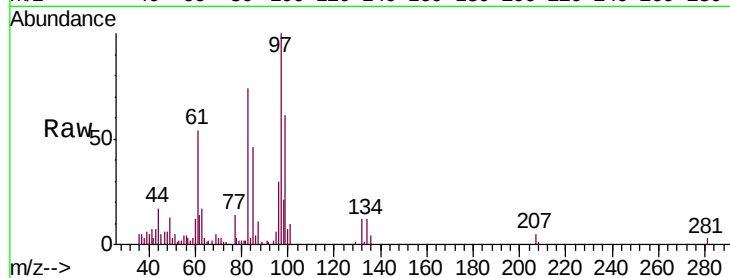




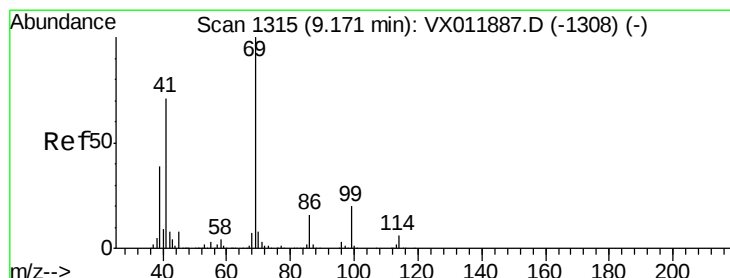
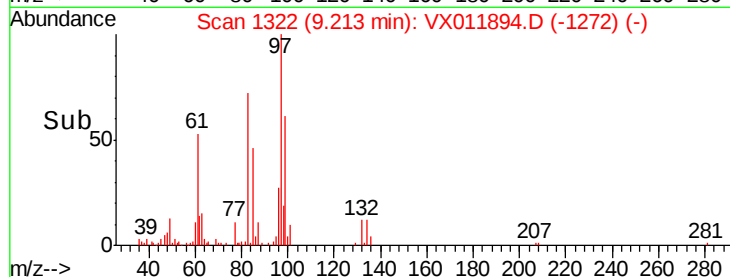
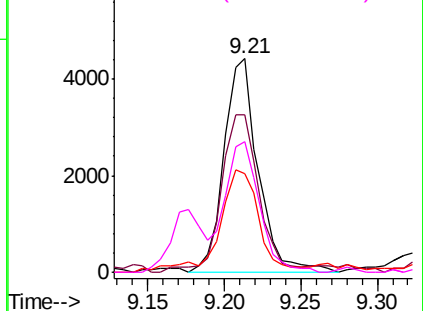
#55
 1,1,2-Trichloroethane
 Concen: 2.740 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Tgt Ion:	97	Resp:	6876
Ion	Ratio	Lower	Upper
97	100		
83	71.2	66.8	100.2
85	44.3	43.5	65.3
99	60.2	50.6	75.8

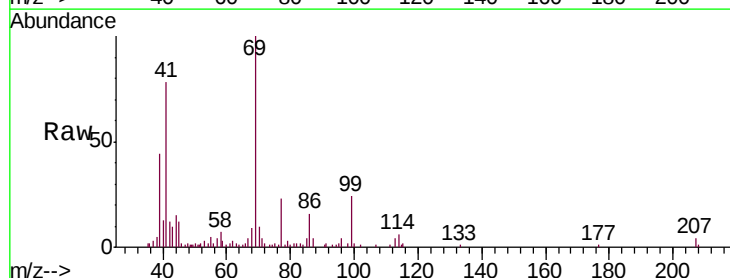


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

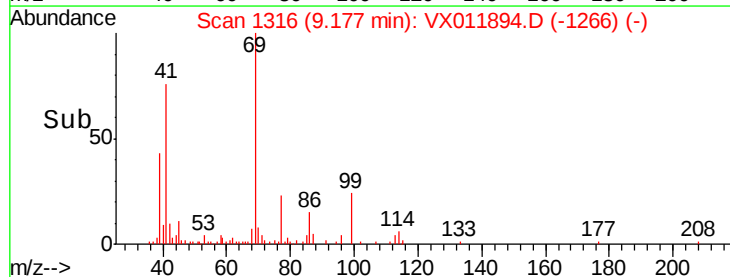
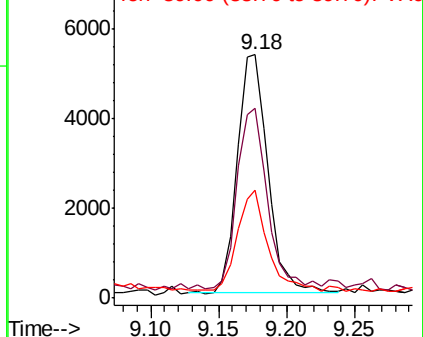


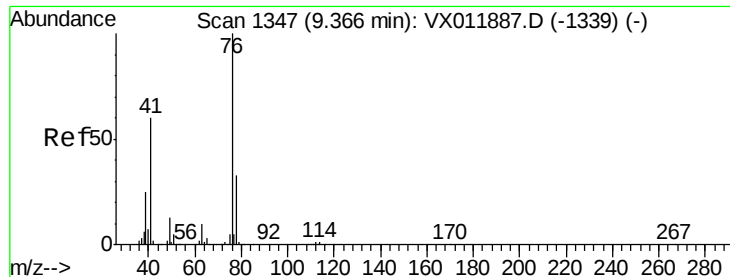
#56
 Ethyl methacrylate
 Concen: 2.378 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

Tgt Ion:	69	Resp:	8283
Ion	Ratio	Lower	Upper
69	100		
41	75.4	55.8	83.8
39	42.0	31.1	46.7



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 2.602 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampleId :

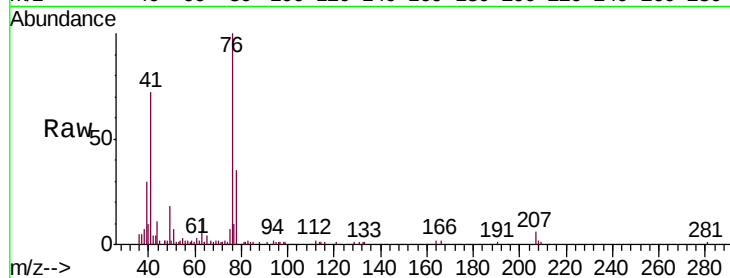
MDL01

Tgt Ion: 76 Resp: 10839

Ion Ratio Lower Upper

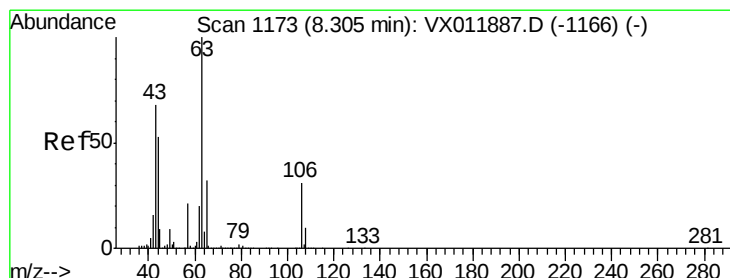
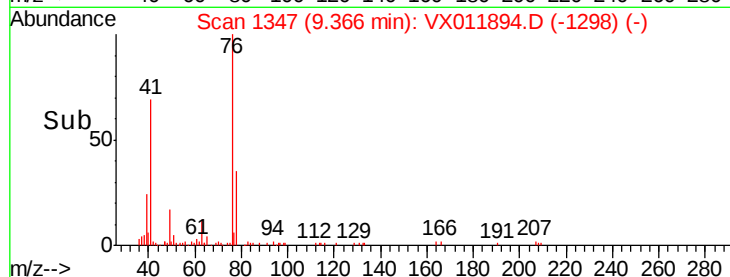
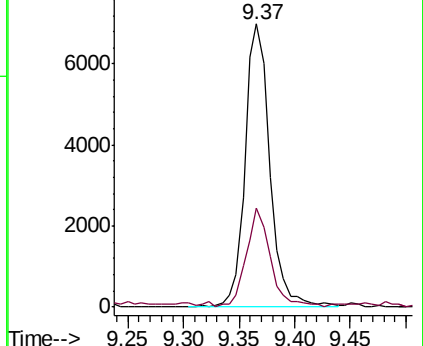
76 100

78 34.0 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 12.837 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011894.D

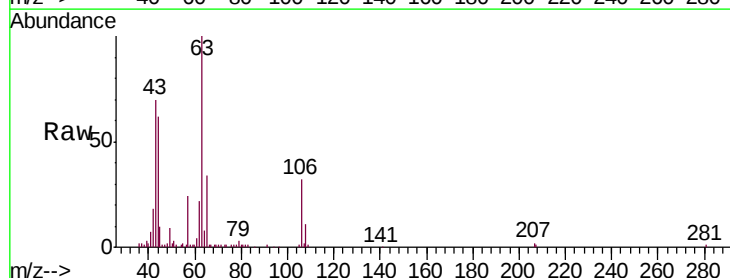
Acq: 30 Aug 2019 02:40

Tgt Ion: 63 Resp: 21297

Ion Ratio Lower Upper

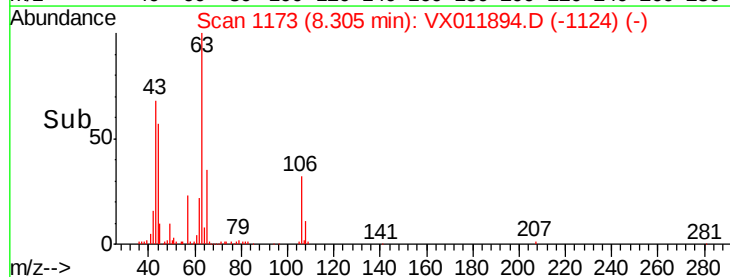
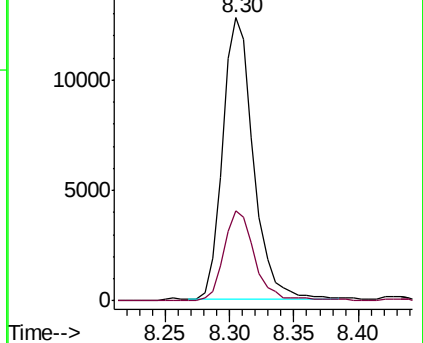
63 100

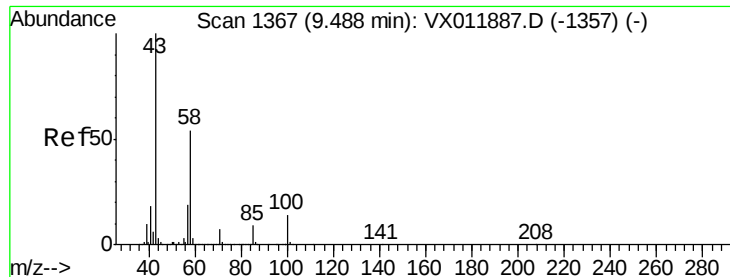
106 32.2 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

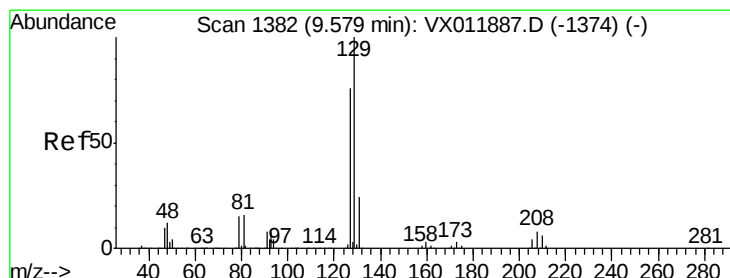
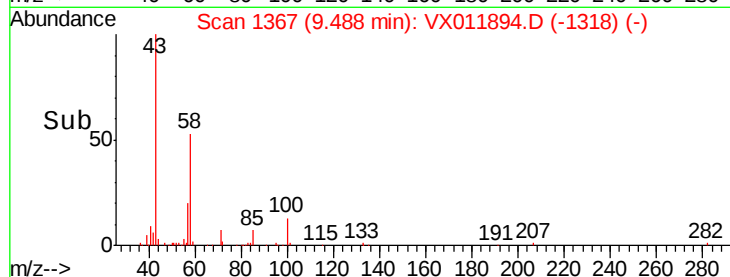
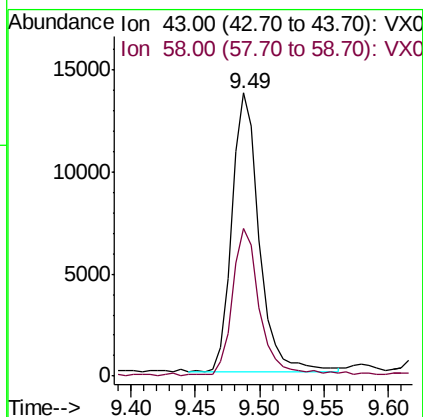
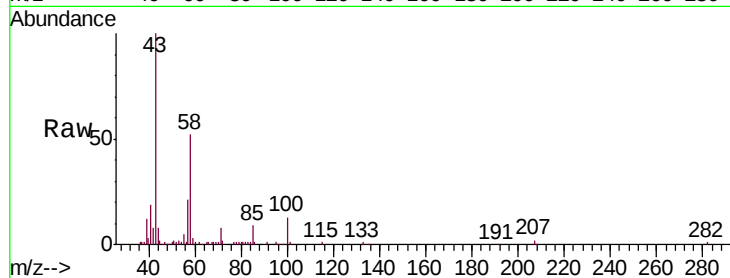




#59
2-Hexanone
Concen: 12.751 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

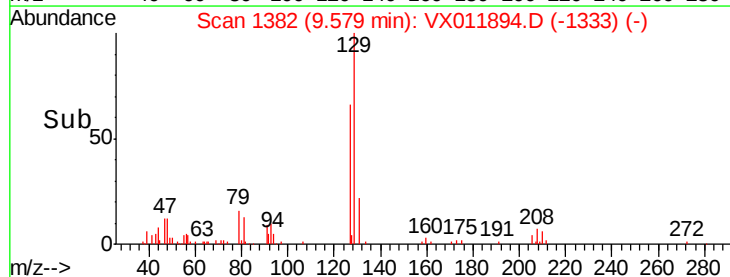
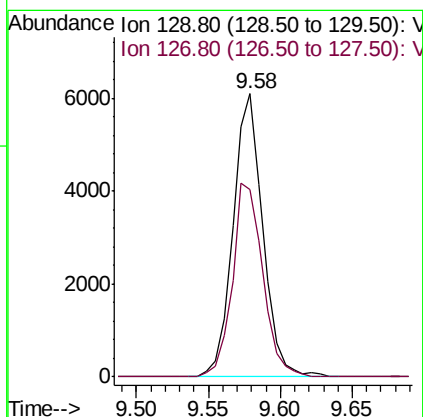
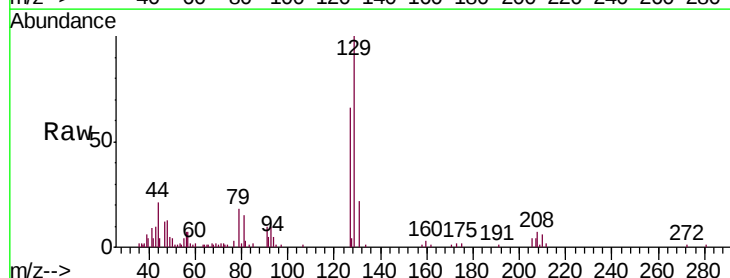
Instrument :
MSVOA_X
ClientSampleId :
MDL01

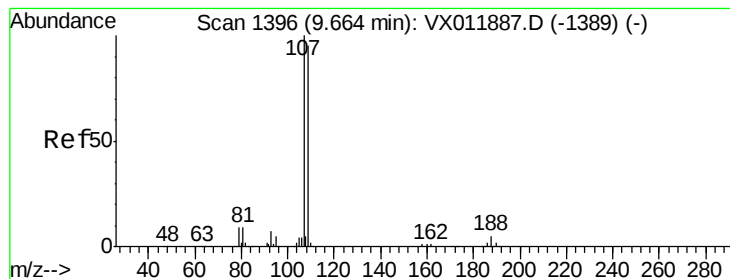
Tgt Ion: 43 Resp: 20431
Ion Ratio Lower Upper
43 100
58 51.6 26.8 80.4



#60
Dibromochloromethane
Concen: 2.616 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

Tgt Ion: 129 Resp: 8817
Ion Ratio Lower Upper
129 100
127 69.6 38.6 115.7





#61

1,2-Dibromoethane

Concen: 2.566 ug/l

RT: 9.66 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampleId :

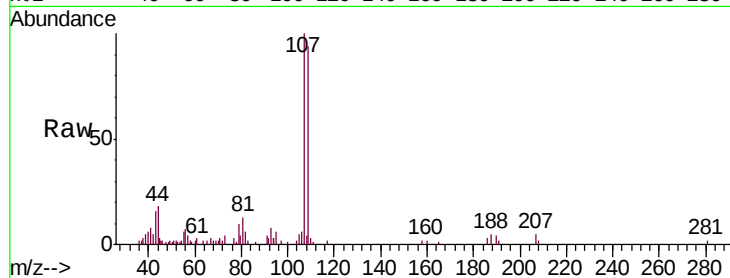
MDL01

Tgt Ion: 107 Resp: 6386

Ion Ratio Lower Upper

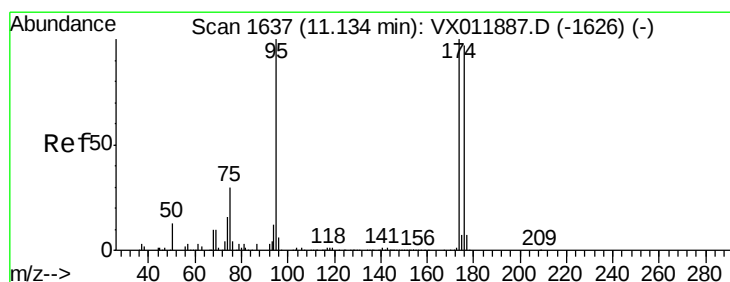
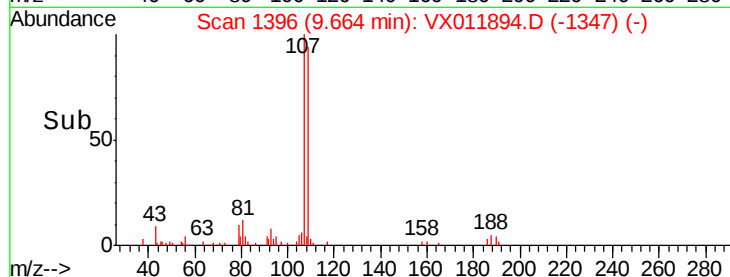
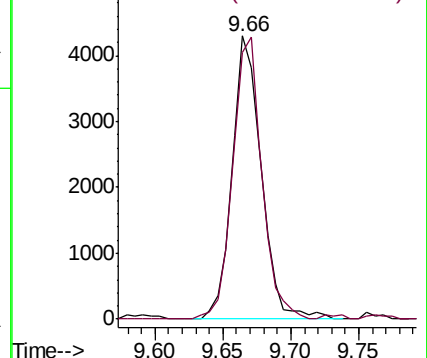
107 100

109 99.7 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.002 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

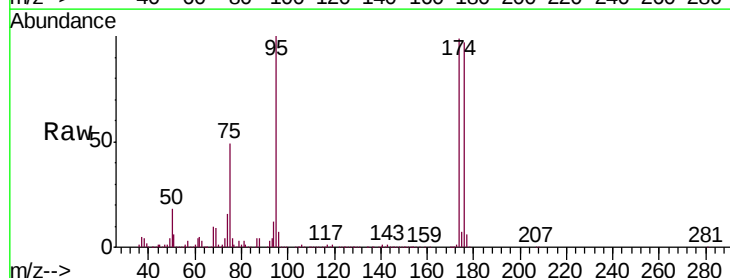
Tgt Ion: 95 Resp: 230100

Ion Ratio Lower Upper

95 100

174 98.5 0.0 196.0

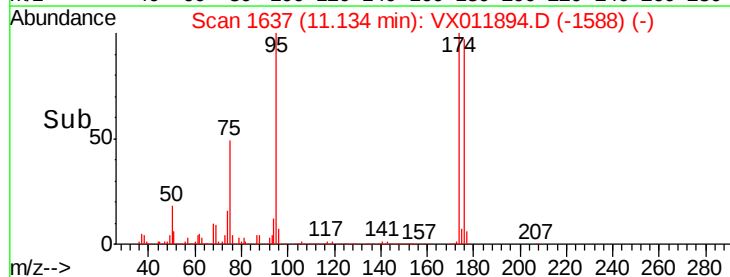
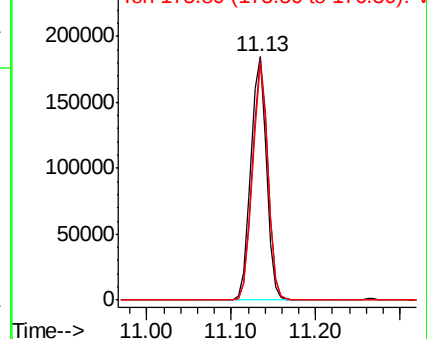
176 95.5 0.0 191.4

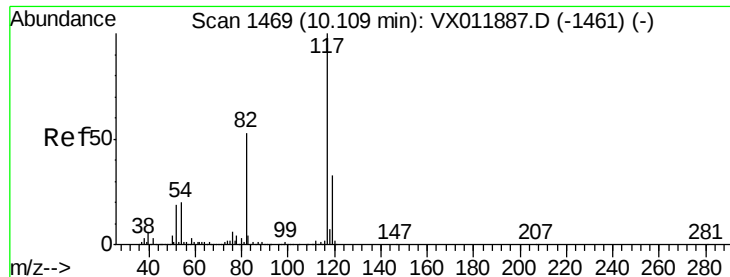


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

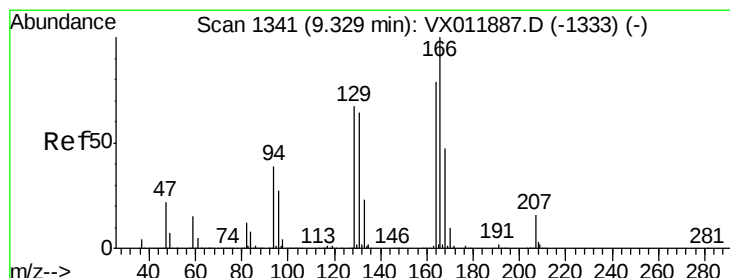
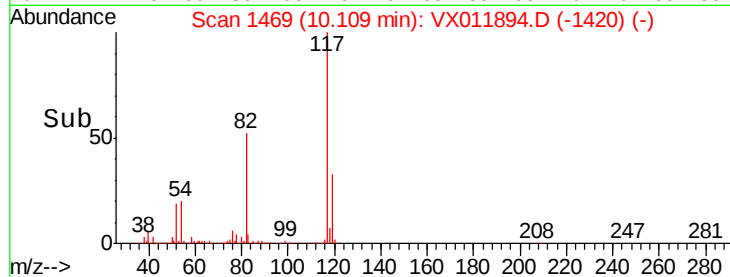
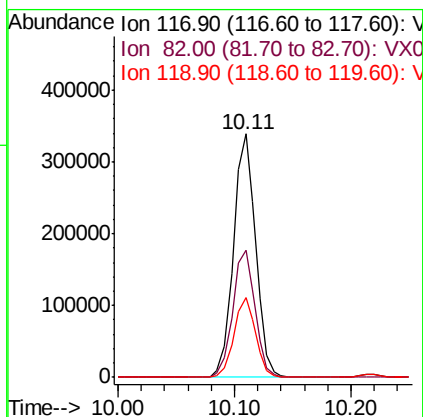
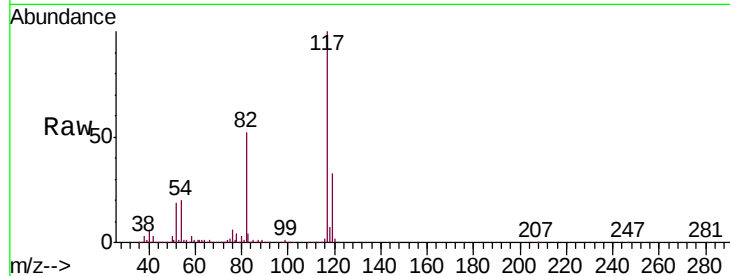




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

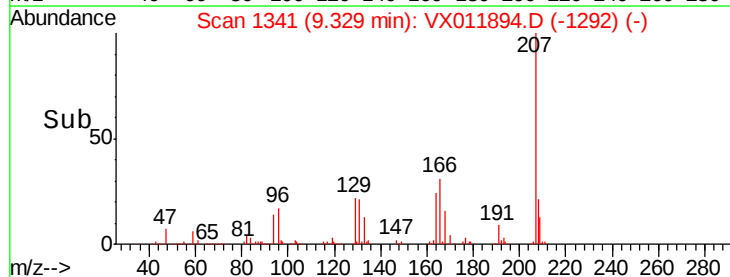
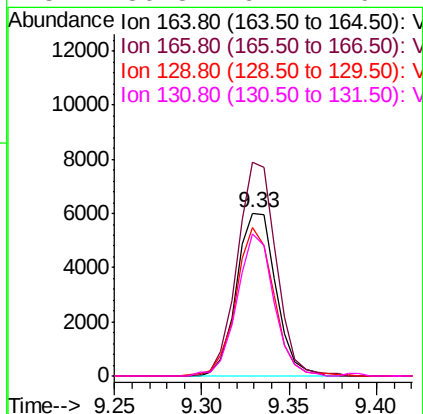
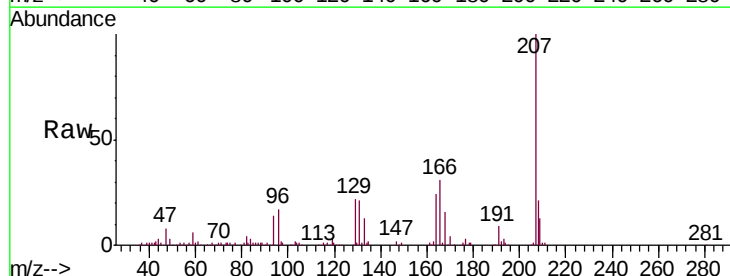
Instrument :
MSVOA_X
ClientSampleId :
MDL01

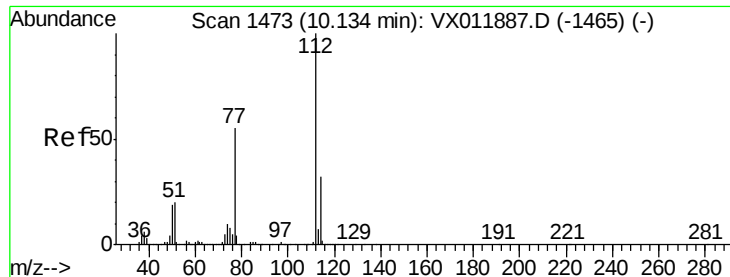
Tgt Ion:117 Resp: 448511
Ion Ratio Lower Upper
117 100
82 52.4 42.0 63.0
119 32.7 26.2 39.4



#64
Tetrachloroethene
Concen: 2.614 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

Tgt Ion:164 Resp: 9432
Ion Ratio Lower Upper
164 100
166 131.0 101.4 152.0
129 90.5 68.0 102.0
131 86.8 64.7 97.1





#65

Chlorobenzene

Concen: 2.514 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampleId :

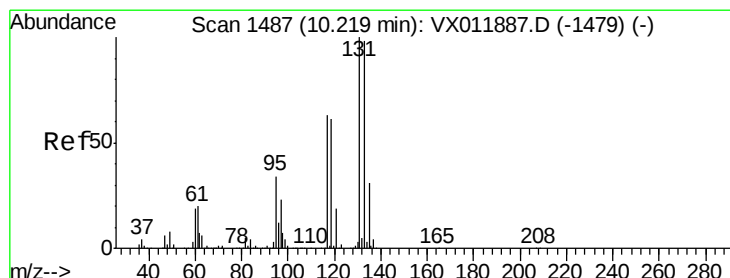
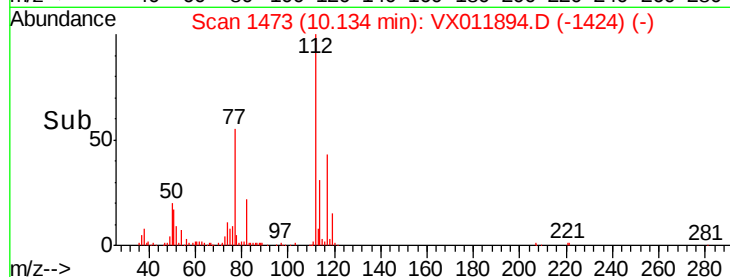
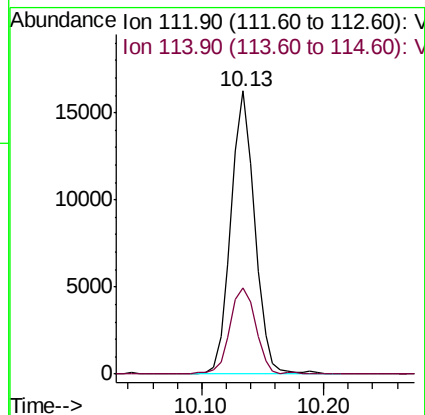
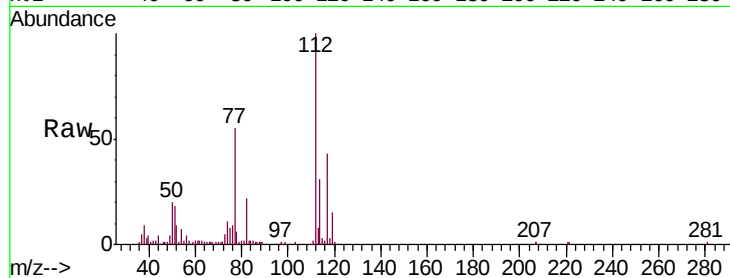
MDL01

Tgt Ion:112 Resp: 21847

Ion Ratio Lower Upper

112 100

114 30.6 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 2.548 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

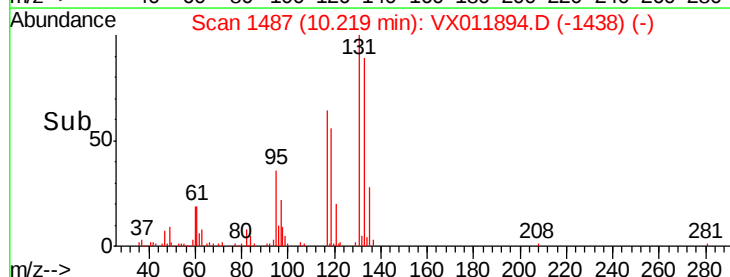
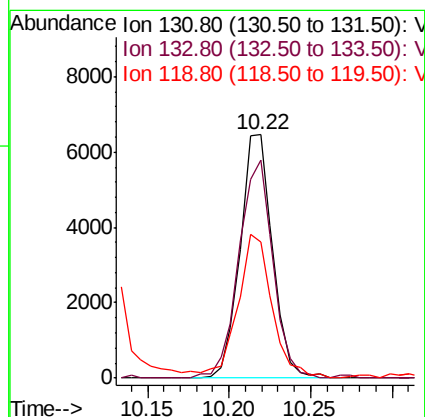
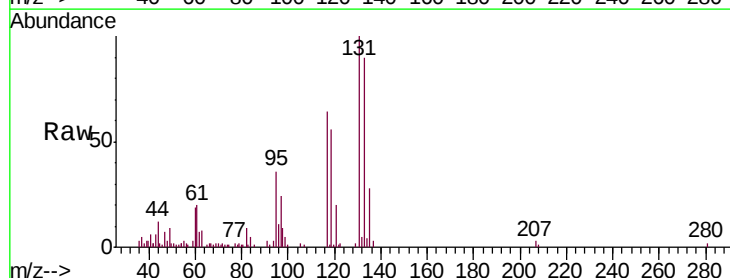
Tgt Ion:131 Resp: 8957

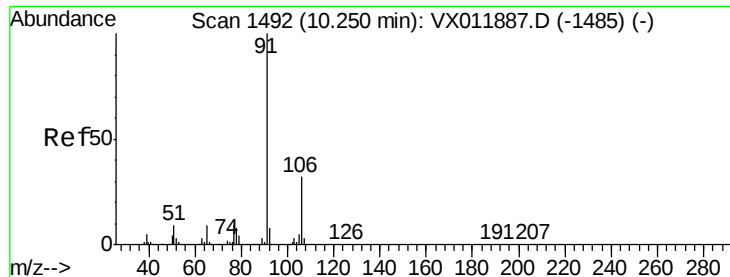
Ion Ratio Lower Upper

131 100

133 94.3 48.4 145.0

119 62.2 30.6 92.0

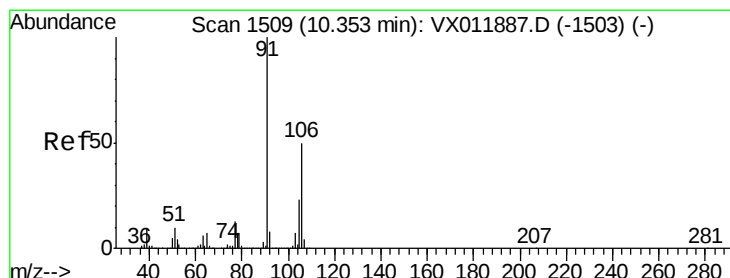
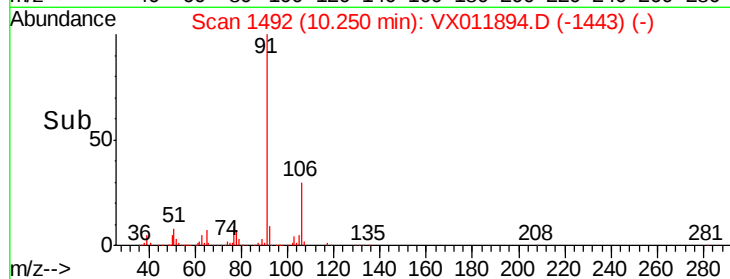
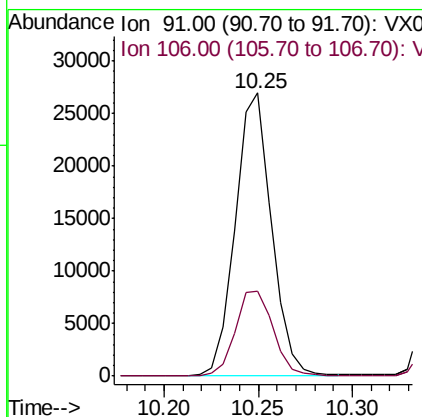
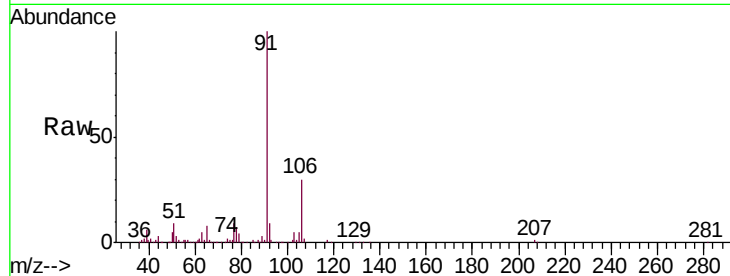




#67
 Ethyl Benzene
 Concen: 2.437 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

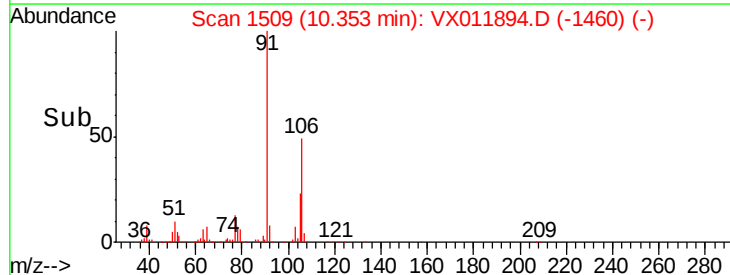
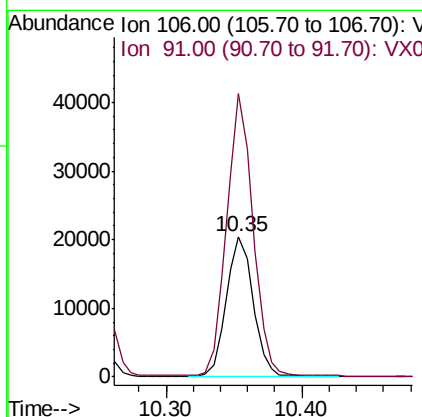
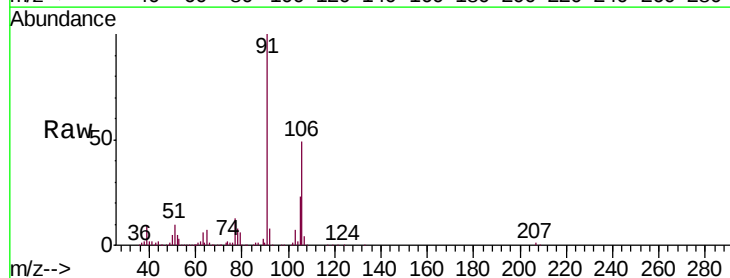
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

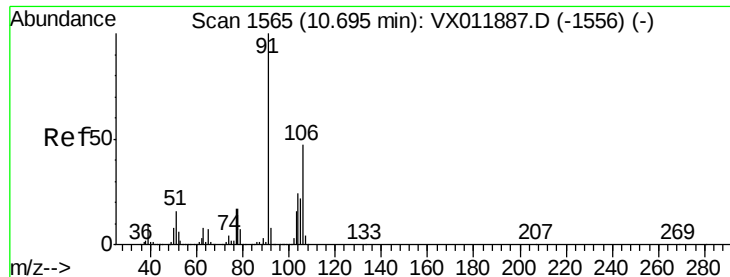
Tgt Ion: 91 Resp: 36030
 Ion Ratio Lower Upper
 91 100
 106 30.2 25.8 38.8



#68
 m/p-Xylenes
 Concen: 4.958 ug/l
 RT: 10.35 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

Tgt Ion: 106 Resp: 28304
 Ion Ratio Lower Upper
 106 100
 91 196.9 158.6 237.8

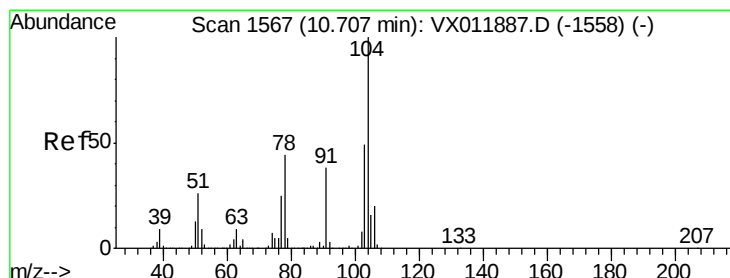
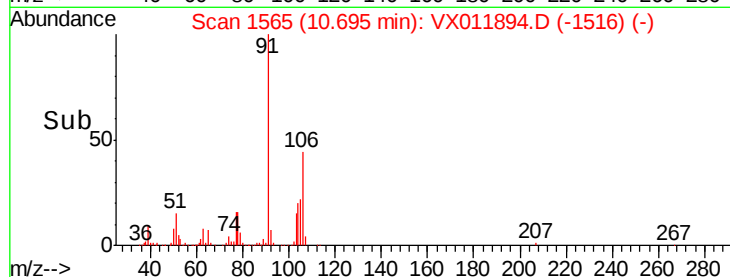
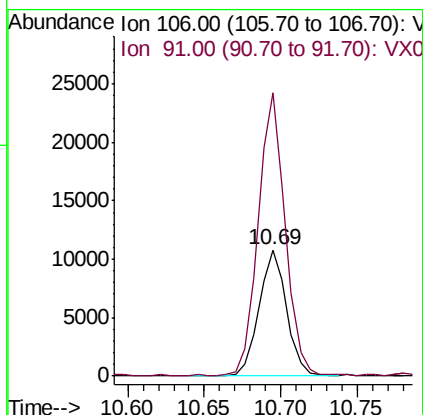
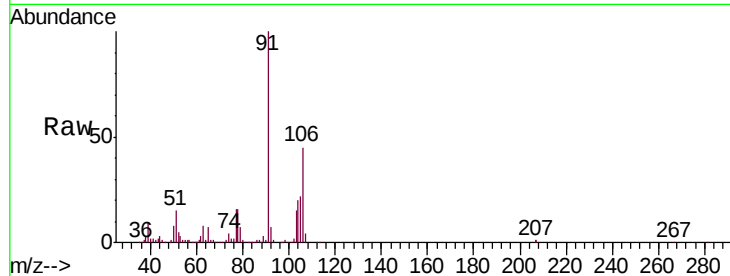




#69
o-Xylene
Concen: 2.450 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

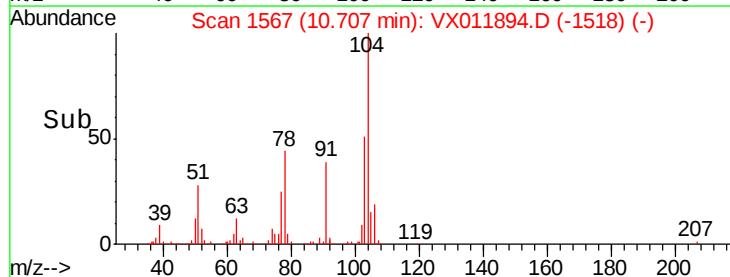
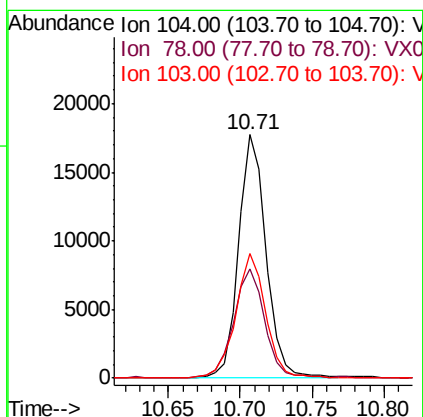
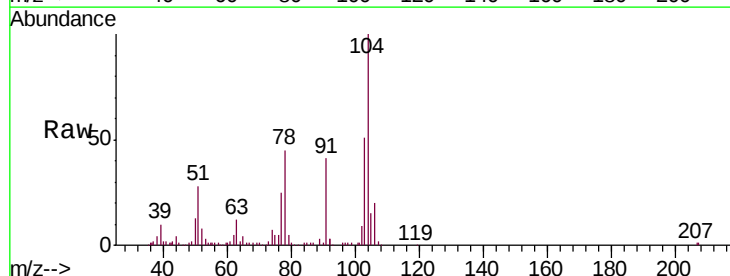
Instrument :
MSVOA_X
ClientSampled :
MDL01

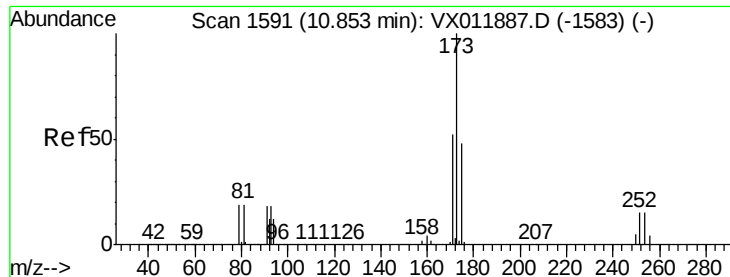
Tgt Ion:106 Resp: 13629
Ion Ratio Lower Upper
106 100
91 217.5 104.8 314.6



#70
Styrene
Concen: 2.404 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

Tgt Ion:104 Resp: 23568
Ion Ratio Lower Upper
104 100
78 51.3 39.2 58.8
103 56.1 43.0 64.6





#71

Bromoform

Concen: 2.374 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampled :

MDL01

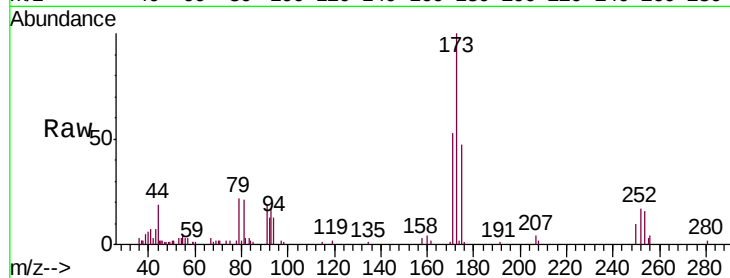
Tgt Ion:173 Resp: 5899

Ion Ratio Lower Upper

173 100

175 49.1 24.4 73.2

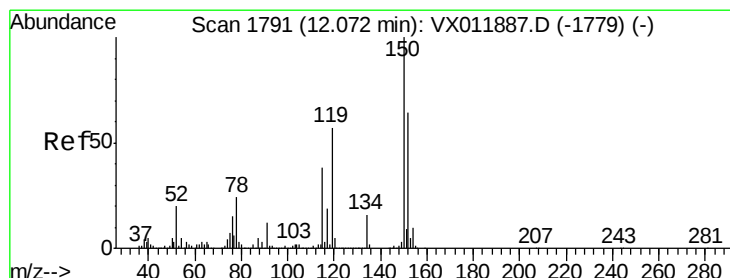
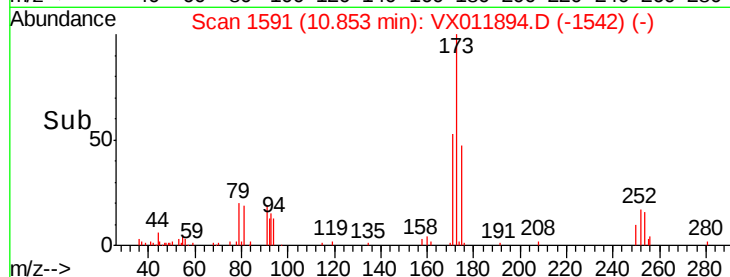
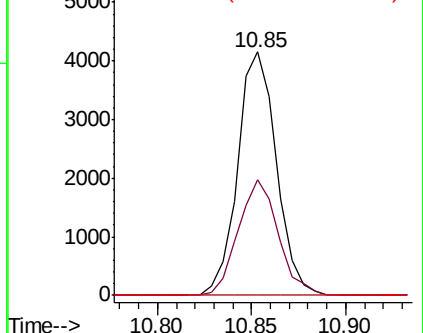
254 0.0 0.1 0.1#



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. 0.00 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

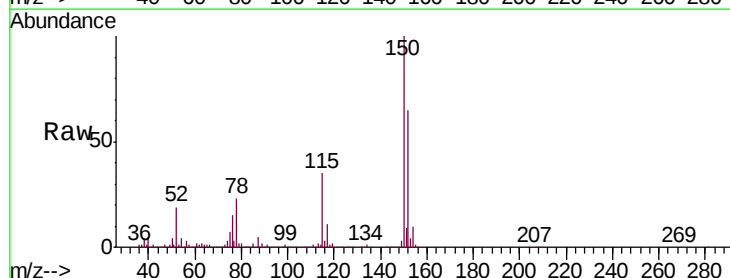
Tgt Ion:152 Resp: 259423

Ion Ratio Lower Upper

152 100

115 54.3 37.1 111.3

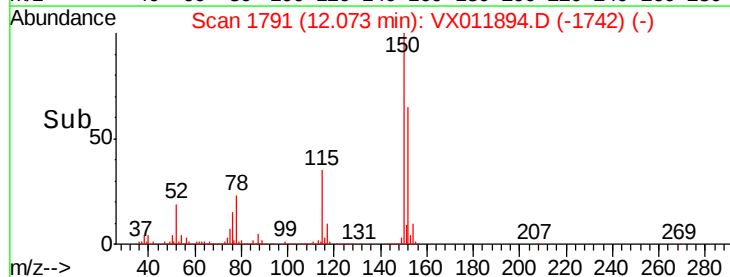
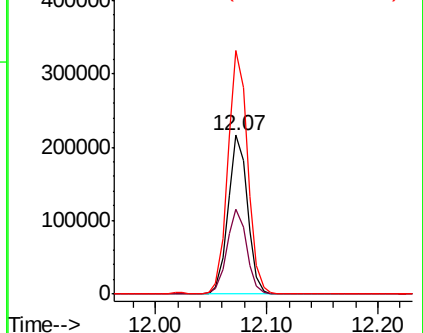
150 156.0 0.0 339.6

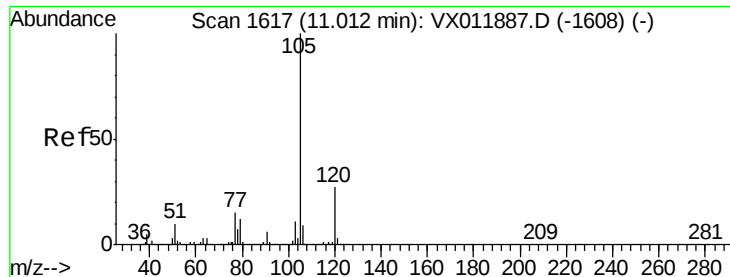


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.367 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampleId :

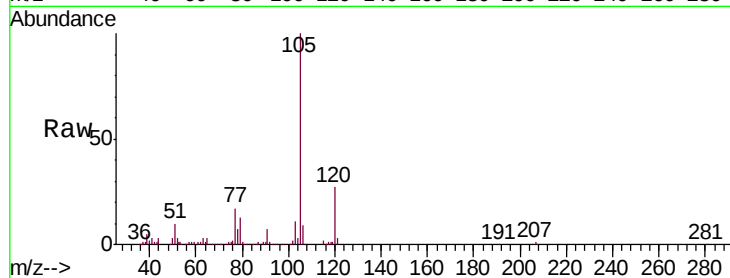
MDL01

Tgt Ion:105 Resp: 35283

Ion Ratio Lower Upper

105 100

120 27.9 13.8 41.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

30000

25000

20000

15000

10000

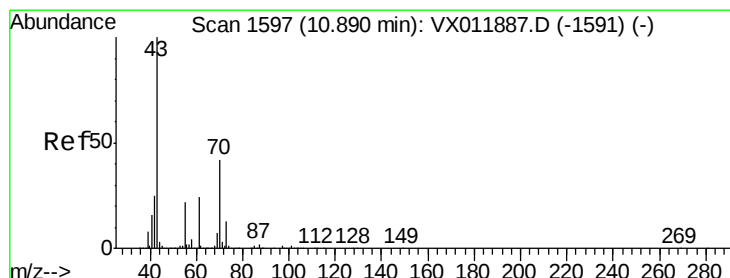
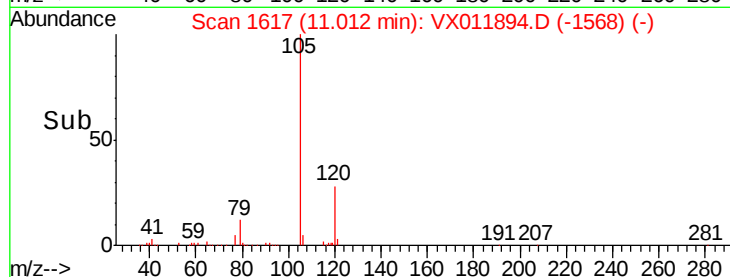
5000

0

11.01

11.10

Time-->



#74

N-ethyl acetate

Concen: 2.385 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.01 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

Tgt Ion: 43 Resp: 10550

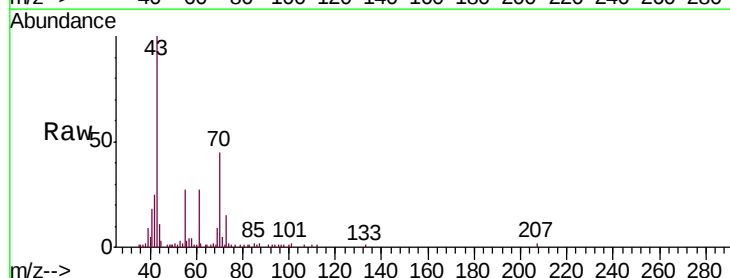
Ion Ratio Lower Upper

43 100

70 44.9 0.2 0.2#

55 24.2 0.1 0.1#

61 28.9 16.4 24.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

12000

10000

8000

6000

4000

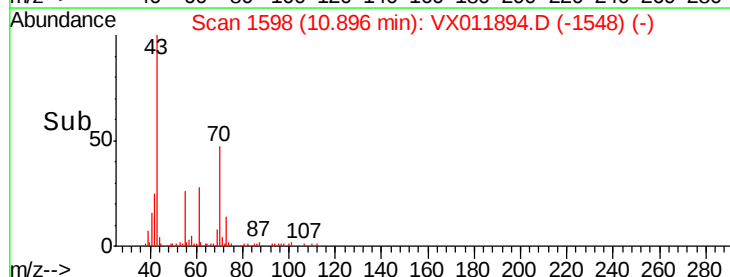
2000

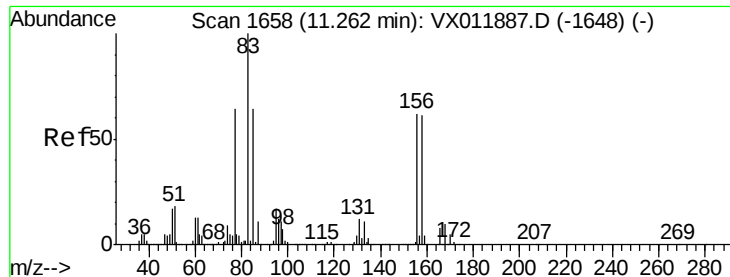
0

10.90

10.95

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 2.693 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampleId :

MDL01

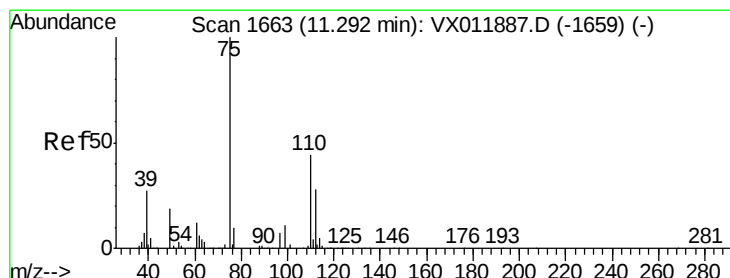
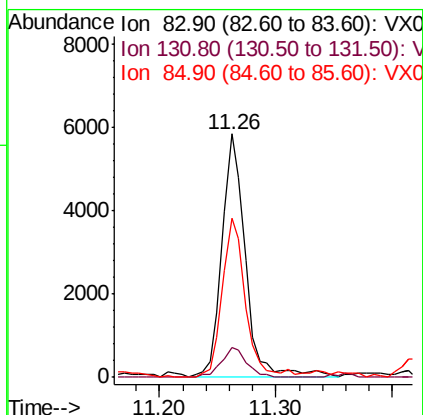
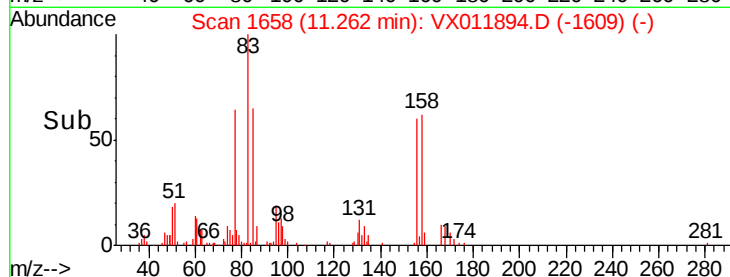
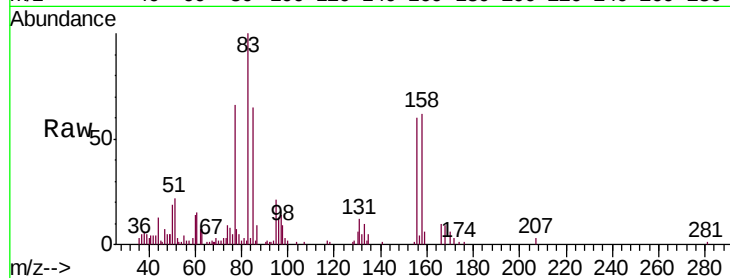
Tgt Ion: 83 Resp: 8215

Ion Ratio Lower Upper

83 100

131 13.0 6.0 18.0

85 62.9 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 2.565 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011894.D

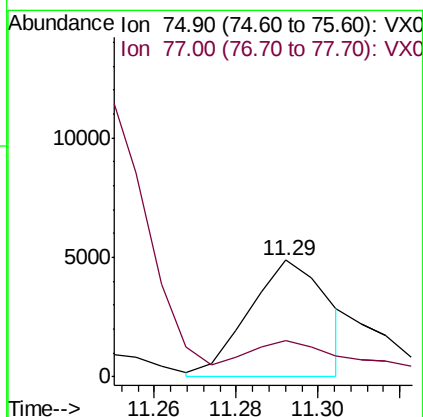
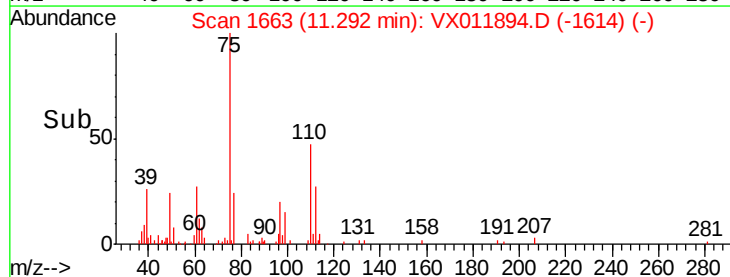
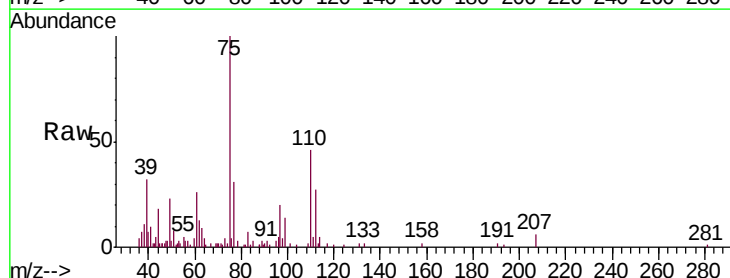
Acq: 30 Aug 2019 02:40

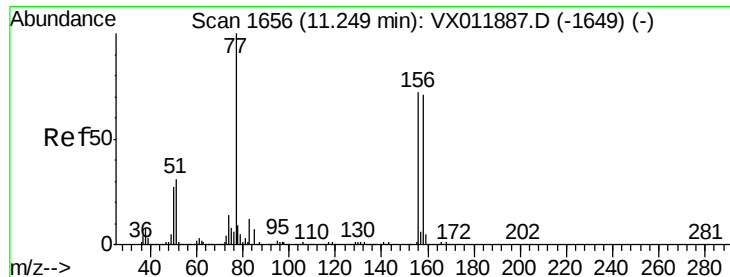
Tgt Ion: 75 Resp: 6547

Ion Ratio Lower Upper

75 100

77 39.9 20.9 62.7





#77

Bromobenzene

Concen: 2.424 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampleId :

MDL01

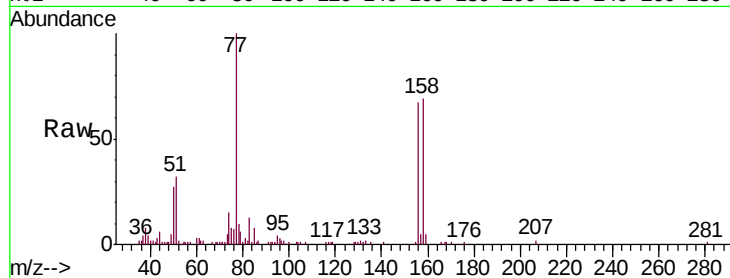
Tgt Ion:156 Resp: 10480

Ion Ratio Lower Upper

156 100

77 142.2 68.1 204.3

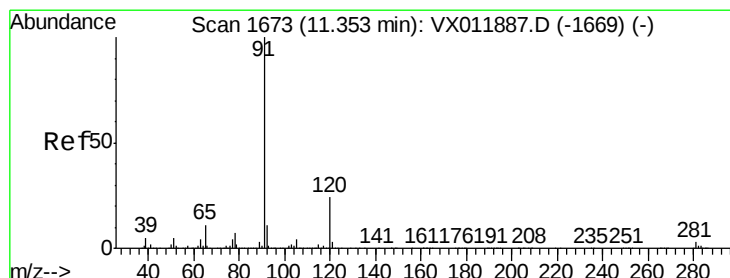
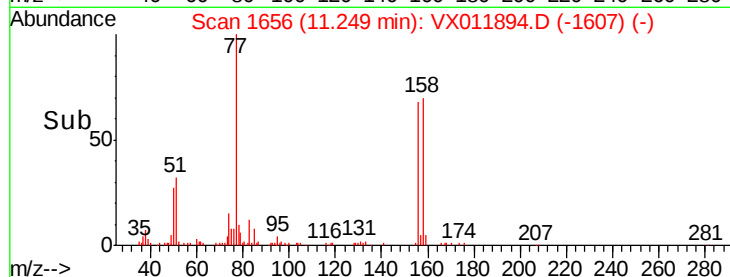
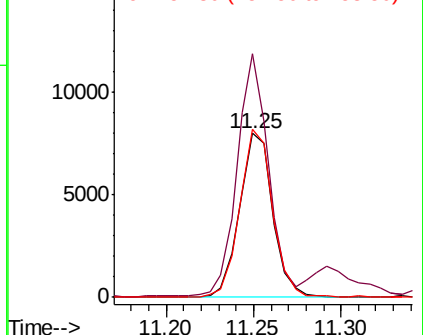
158 101.4 48.9 146.8



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: 2.368 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VX011894.D

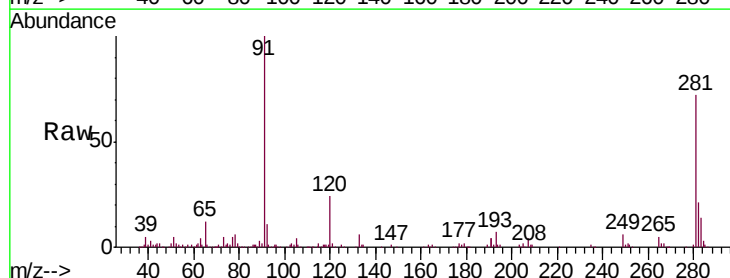
Acq: 30 Aug 2019 02:40

Tgt Ion: 91 Resp: 40030

Ion Ratio Lower Upper

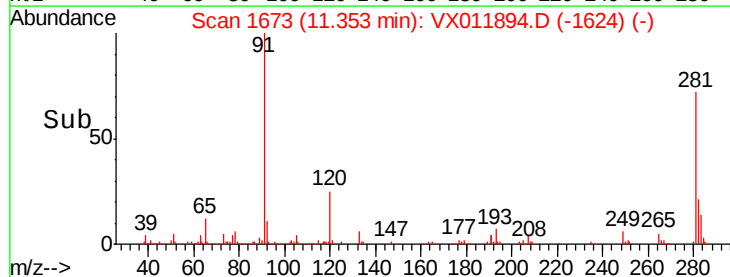
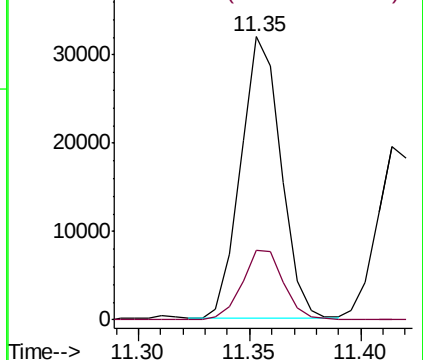
91 100

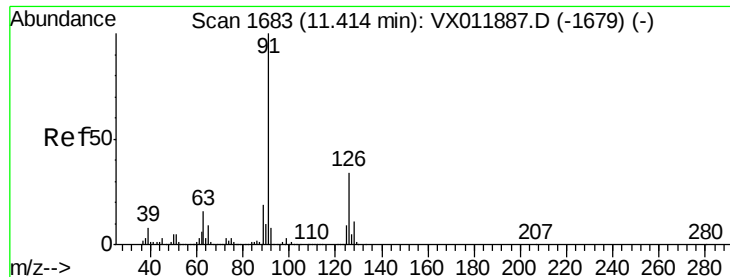
120 25.9 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

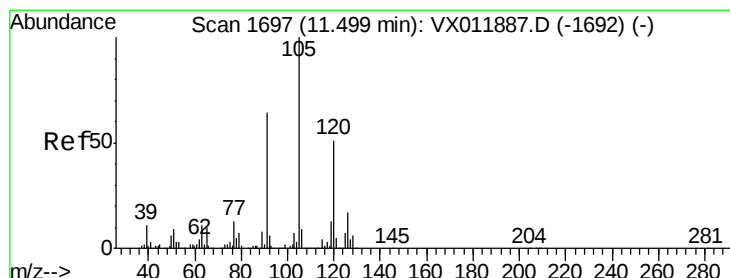
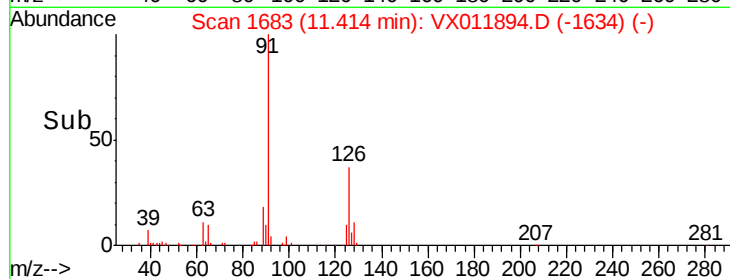
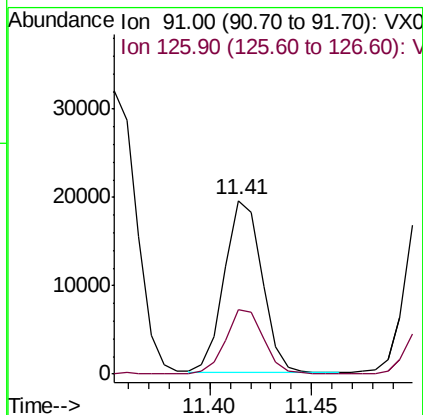
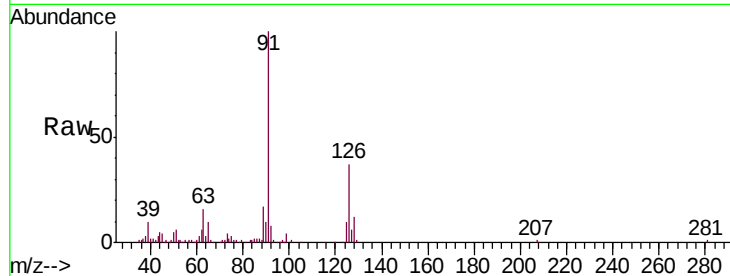




#79
 2-Chlorotoluene
 Concen: 2.450 ug/l
 RT: 11.41 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

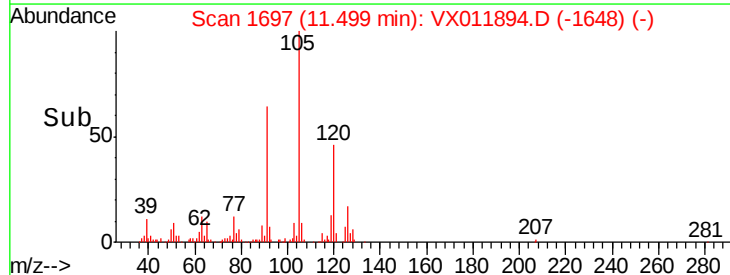
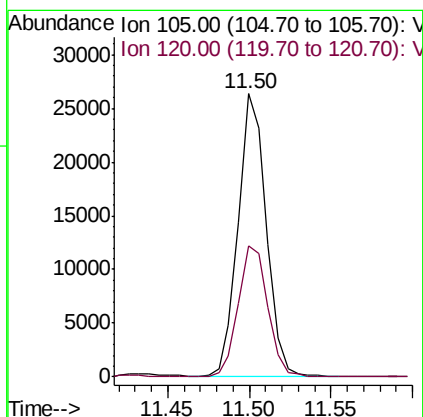
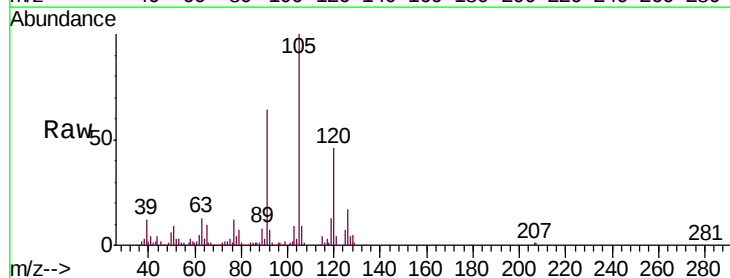
Instrument :
 MSVOA_X
 ClientSampled :
 MDL01

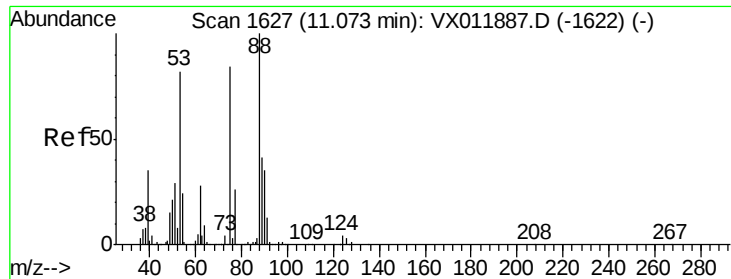
Tgt Ion: 91 Resp: 24928
 Ion Ratio Lower Upper
 91 100
 126 38.5 17.9 53.8



#80
 1,3,5-Trimethylbenzene
 Concen: 2.455 ug/l
 RT: 11.50 min Scan# 1697
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

Tgt Ion: 105 Resp: 31585
 Ion Ratio Lower Upper
 105 100
 120 49.0 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 2.384 ug/l m

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampleId :

MDL01

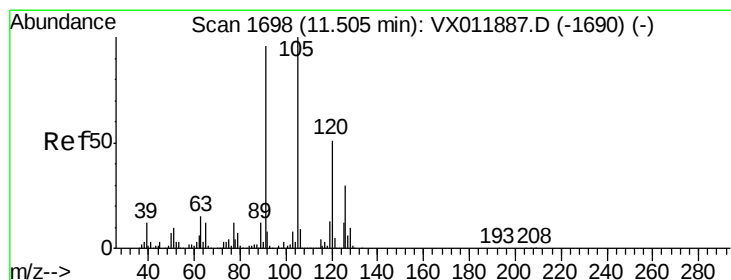
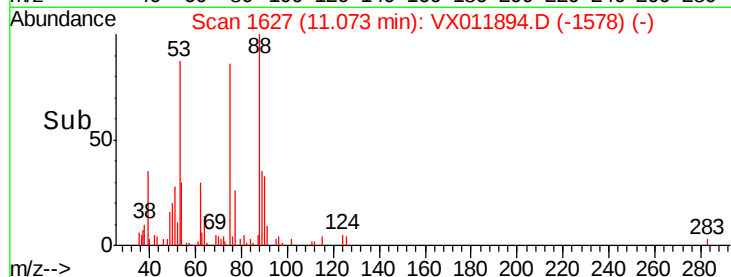
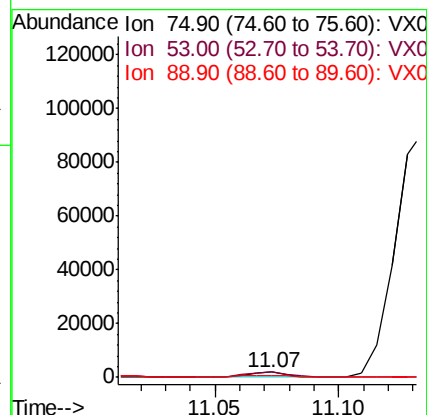
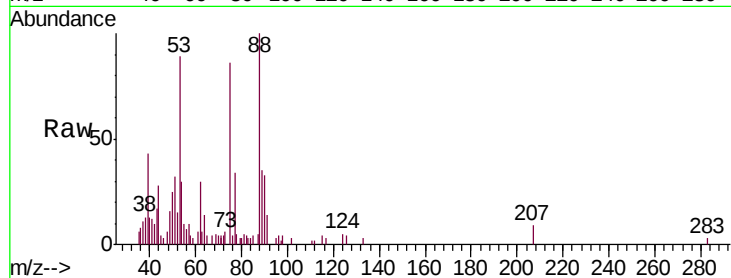
Tgt Ion: 75 Resp: 2422

Ion Ratio Lower Upper

75 100

53 3.9 77.1 115.7#

89 0.0 38.2 57.2#



#82

4-Chlorotoluene

Concen: 2.528 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011894.D

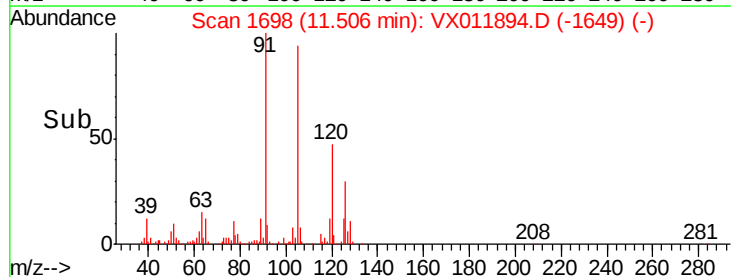
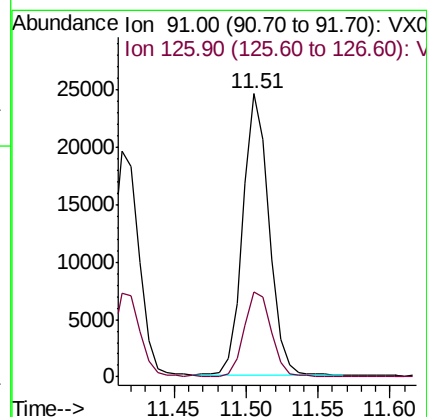
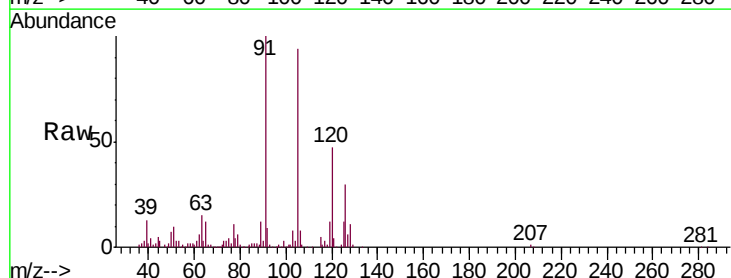
Acq: 30 Aug 2019 02:40

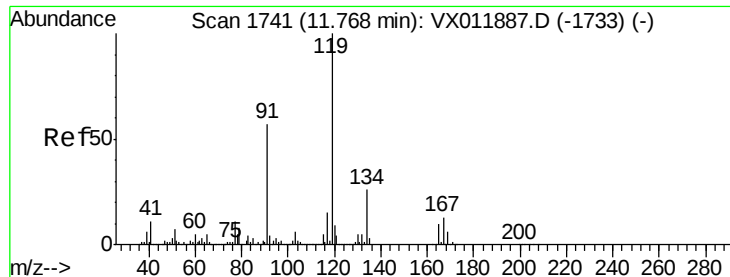
Tgt Ion: 91 Resp: 31028

Ion Ratio Lower Upper

91 100

126 31.9 15.9 47.6

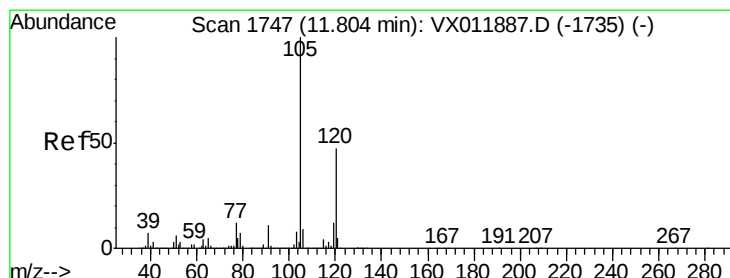
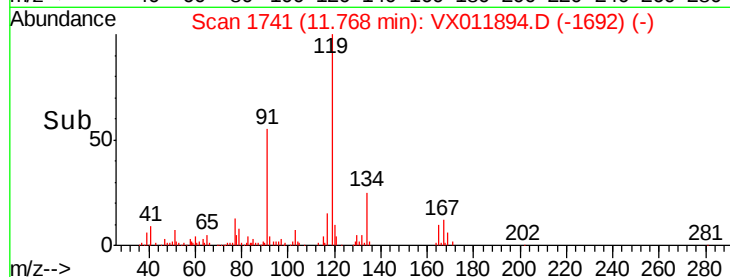
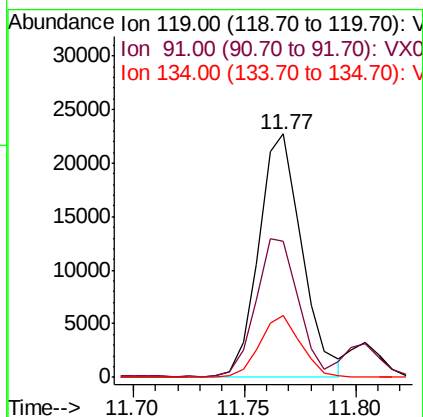
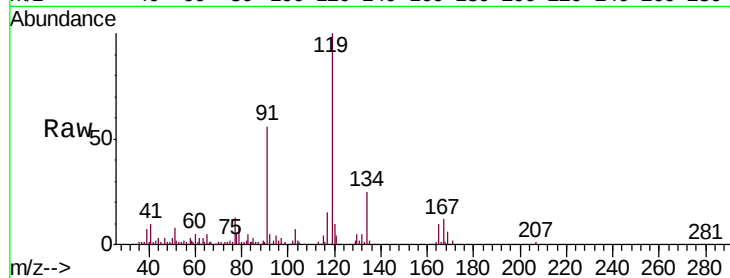




#83
 tert-Butylbenzene
 Concen: 2.357 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

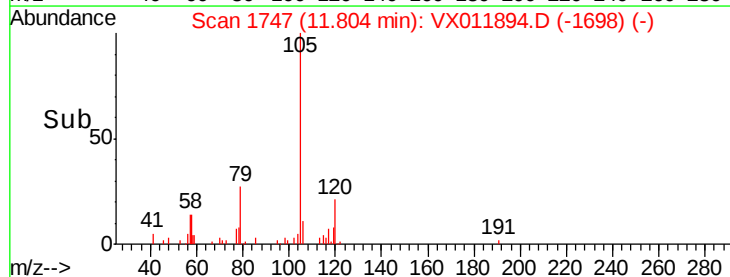
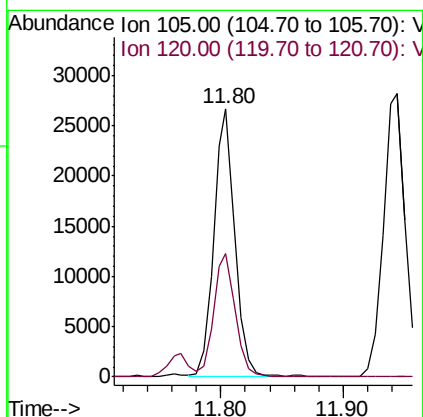
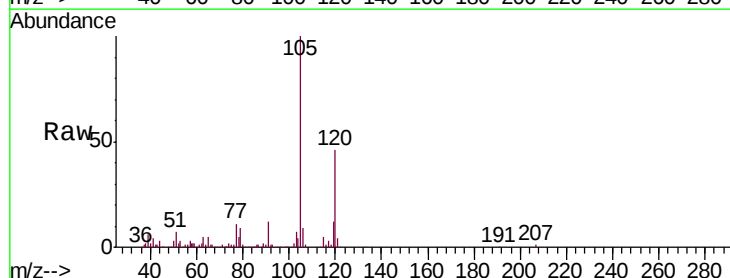
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

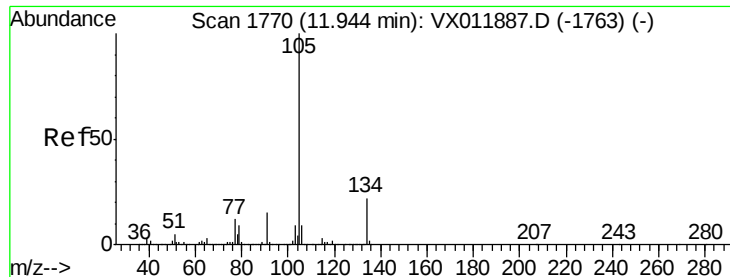
Tgt Ion:119 Resp: 30768
 Ion Ratio Lower Upper
 119 100
 91 55.4 27.9 83.6
 134 24.2 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 2.448 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

Tgt Ion:105 Resp: 32280
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.4 70.3

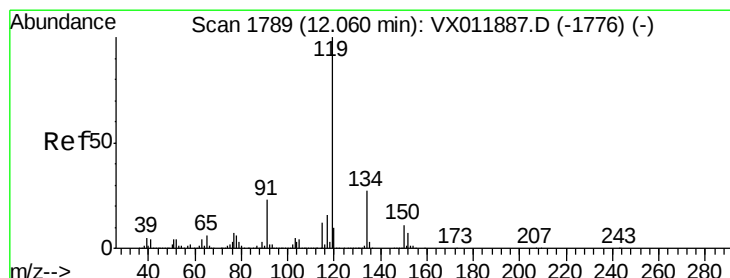
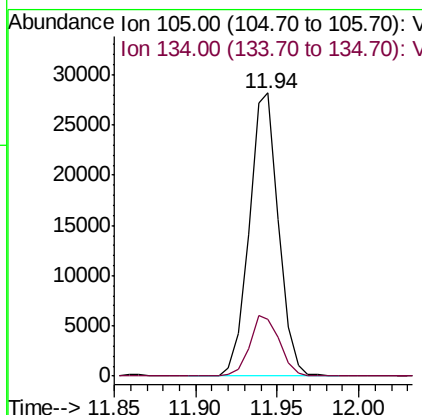
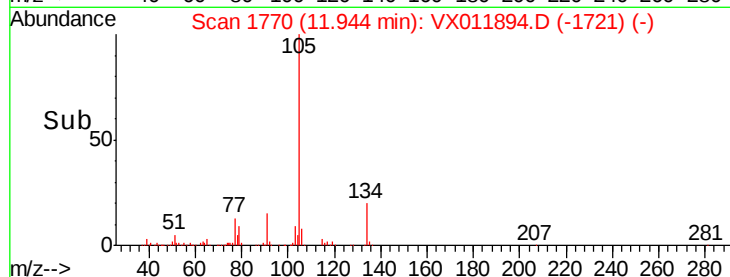
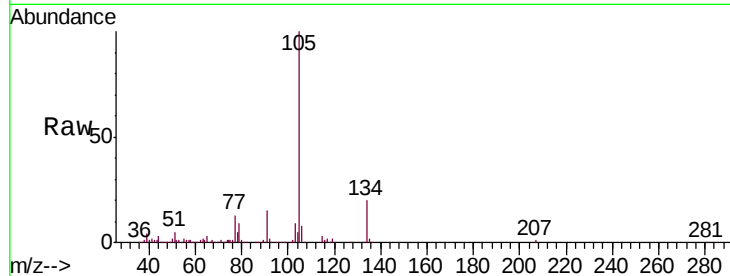




#85
 sec-Butylbenzene
 Concen: 2.335 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

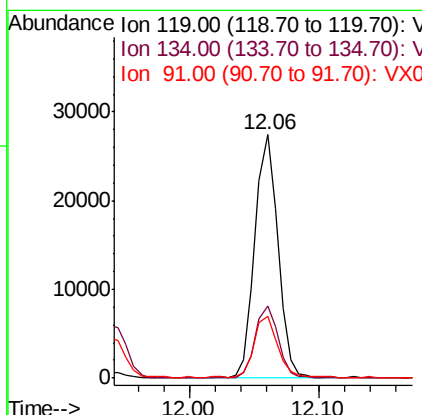
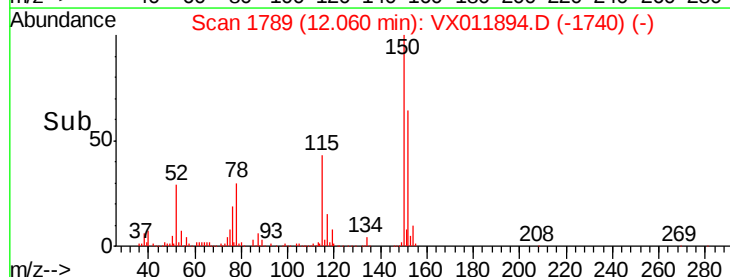
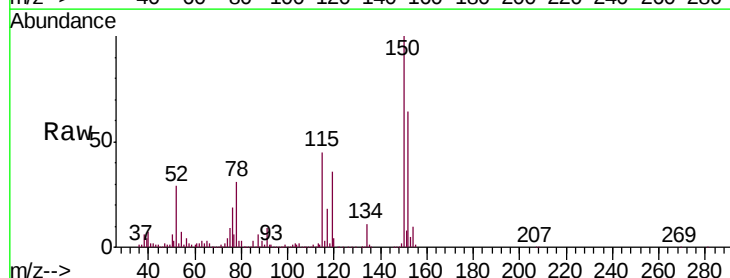
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

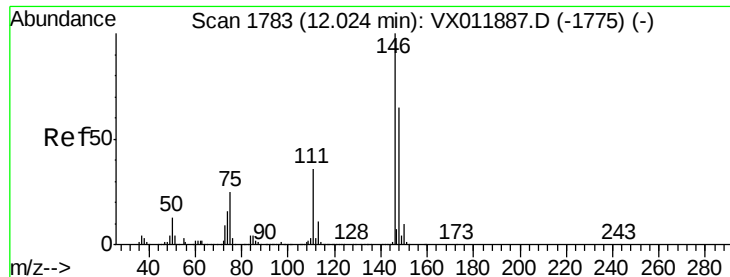
Tgt Ion:105 Resp: 35409
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.9 32.7



#86
 p-Isopropyltoluene
 Concen: 2.310 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

Tgt Ion:119 Resp: 33961
 Ion Ratio Lower Upper
 119 100
 134 29.4 13.7 41.0
 91 27.1 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 2.540 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampleId :

MDL01

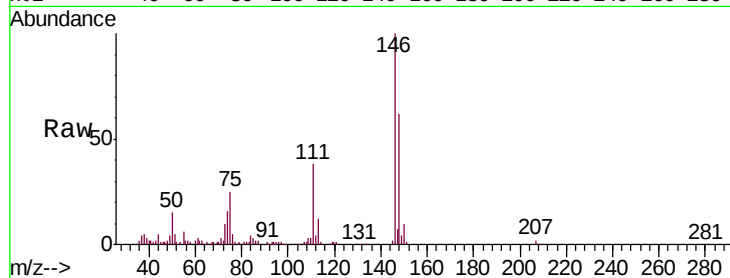
Tgt Ion:146 Resp: 20407

Ion Ratio Lower Upper

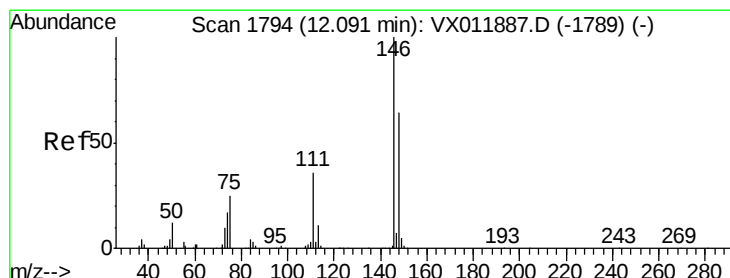
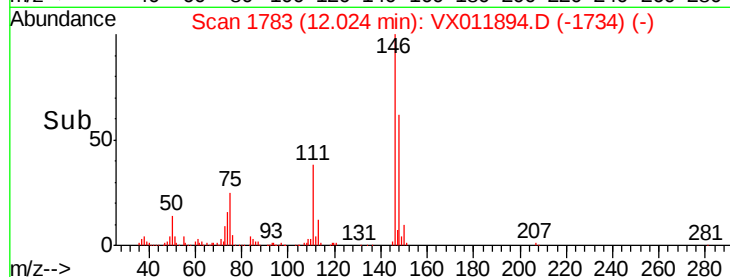
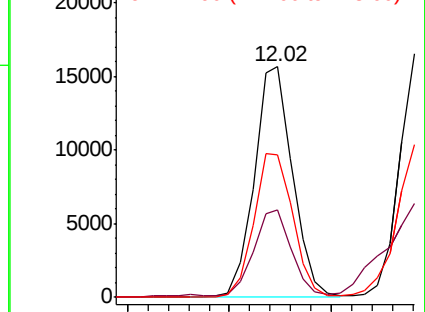
146 100

111 37.6 18.4 55.2

148 63.7 32.1 96.5



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: 2.596 ug/l

RT: 12.09 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

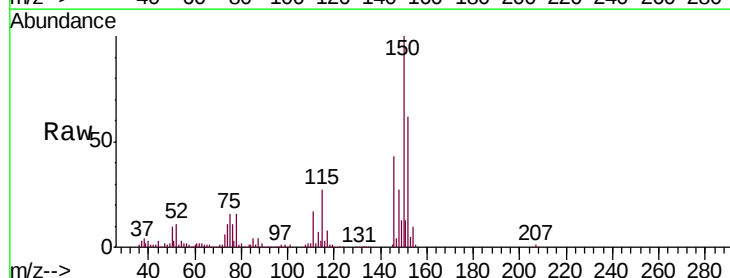
Tgt Ion:146 Resp: 21082

Ion Ratio Lower Upper

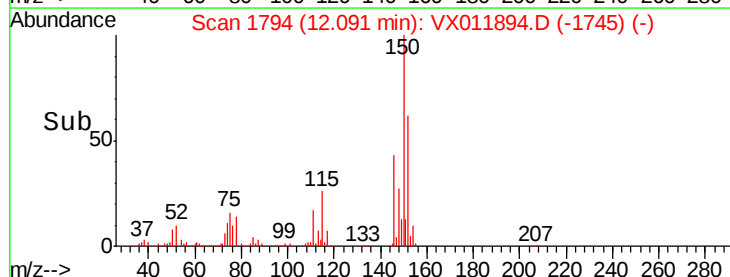
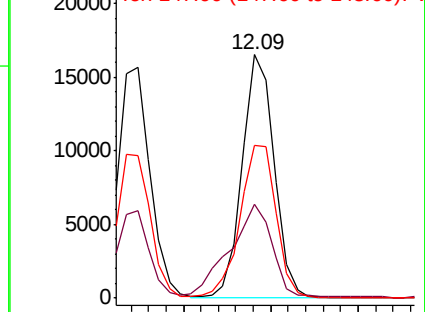
146 100

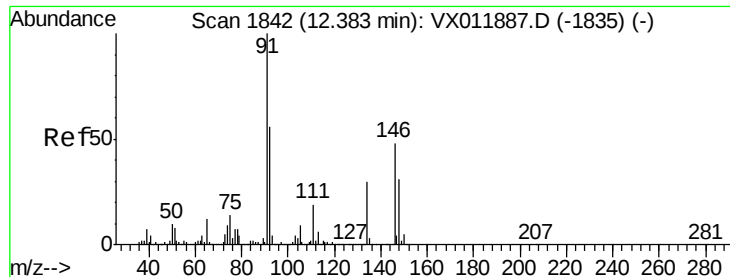
111 50.4 17.9 53.7

148 71.1 32.4 97.0



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

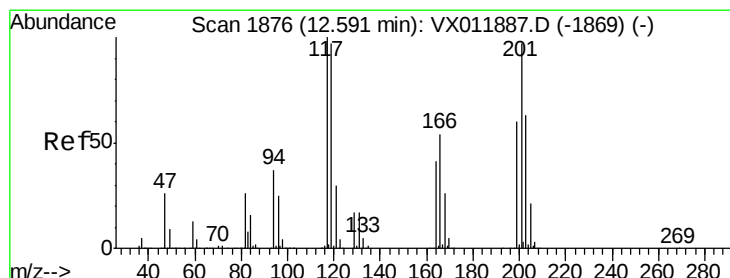
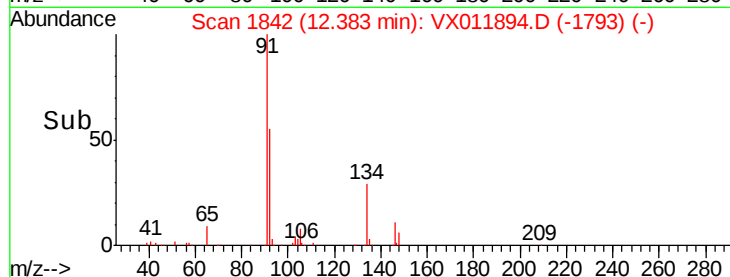
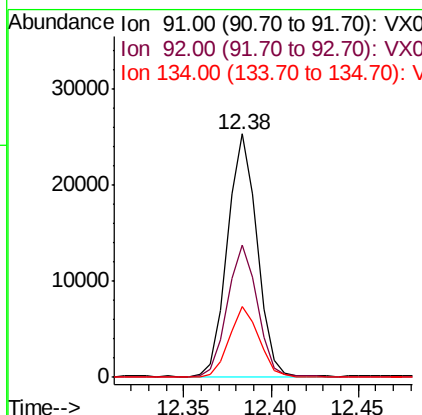
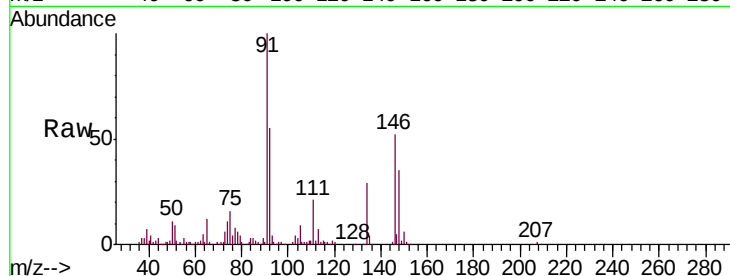




#89
n-Butylbenzene
Concen: 2.286 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

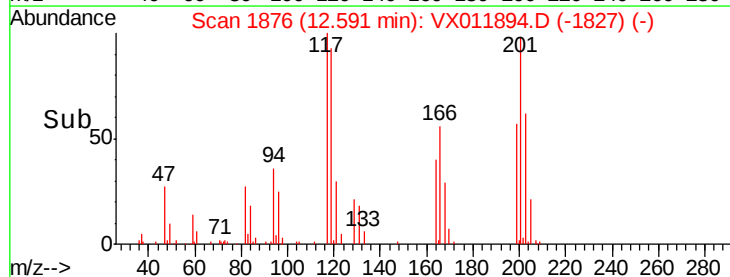
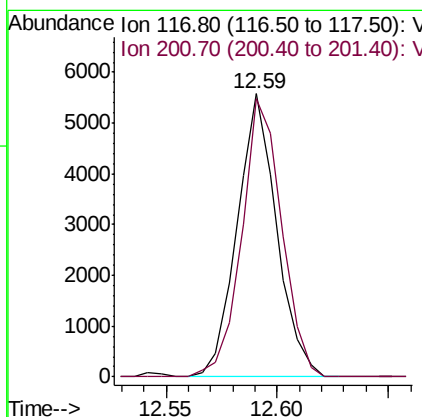
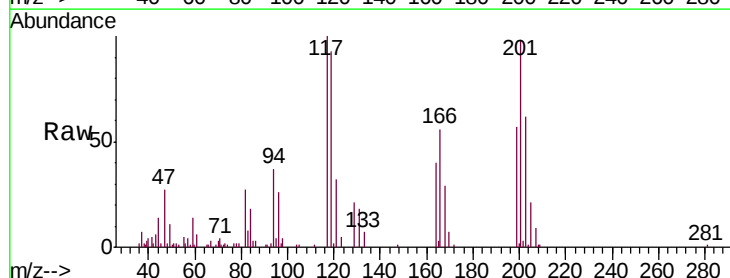
Instrument :
MSVOA_X
ClientSampleId :
MDL01

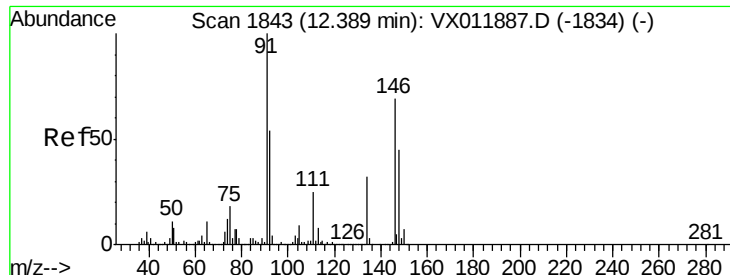
Tgt Ion: 91 Resp: 29740
Ion Ratio Lower Upper
91 100
92 56.2 27.6 82.8
134 29.8 14.8 44.3



#90
Hexachloroethane
Concen: 2.413 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

Tgt Ion: 117 Resp: 6863
Ion Ratio Lower Upper
117 100
201 99.8 52.8 158.5

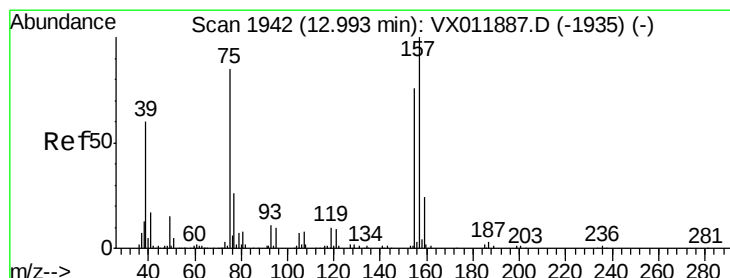
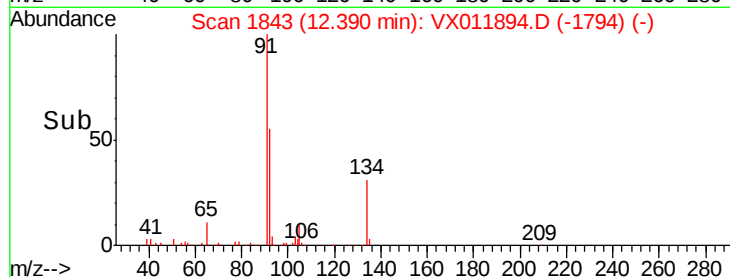
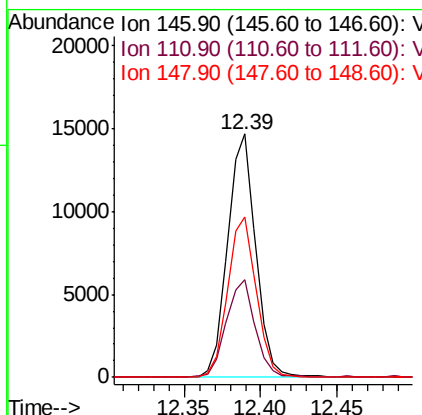
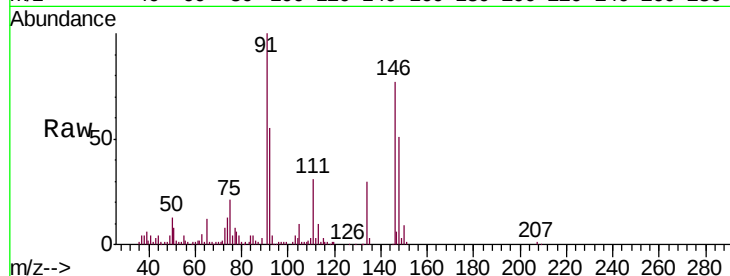




#91
 1,2-Dichlorobenzene
 Concen: 2.503 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

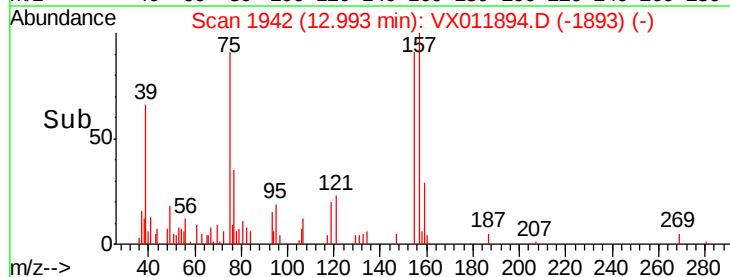
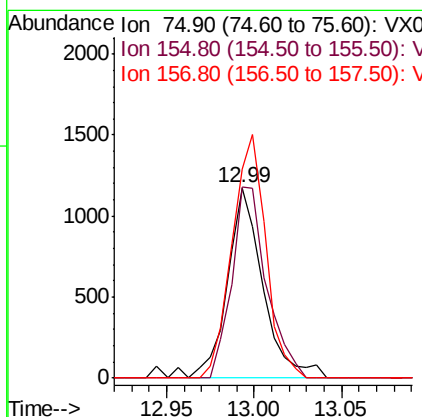
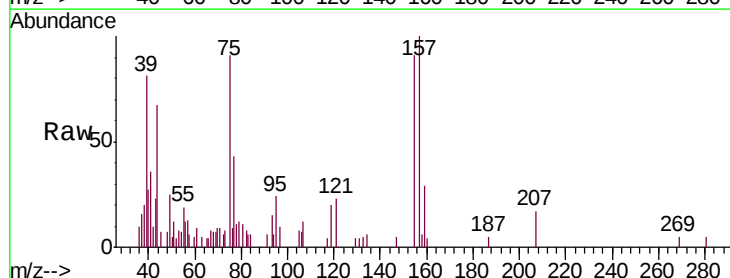
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

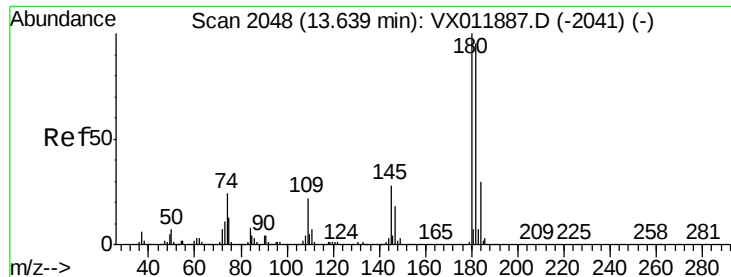
Tgt Ion: 146 Resp: 18696
 Ion Ratio Lower Upper
 146 100
 111 41.5 18.9 56.5
 148 66.6 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.720 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

Tgt Ion: 75 Resp: 1653
 Ion Ratio Lower Upper
 75 100
 155 98.9 50.1 150.4
 157 121.7 63.9 191.7

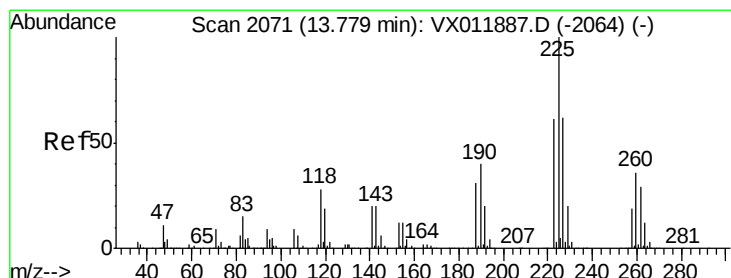
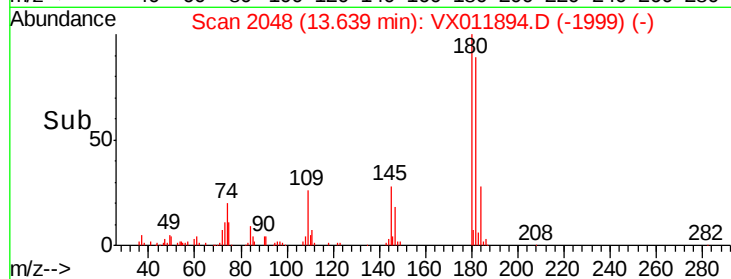
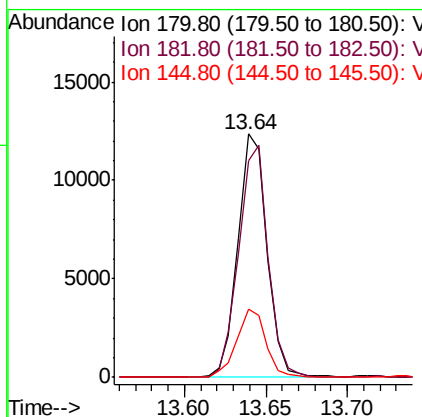
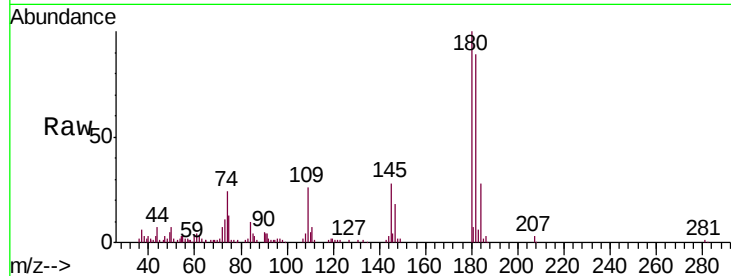




#93
 1,2,4-Trichlorobenzene
 Concen: 2.459 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

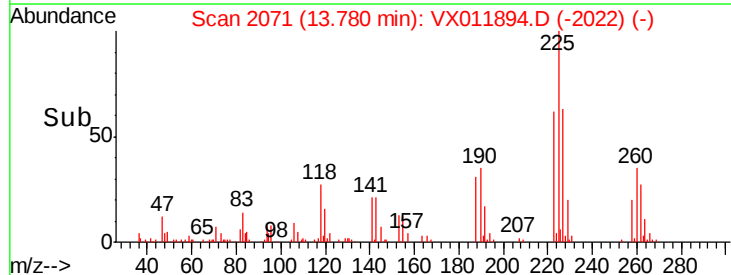
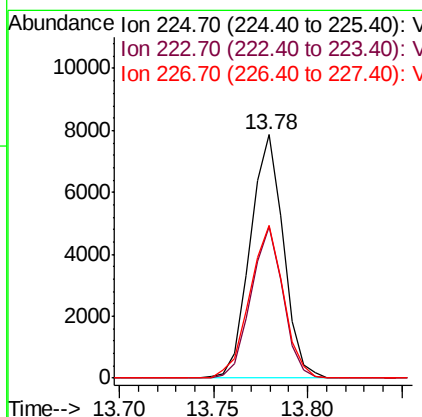
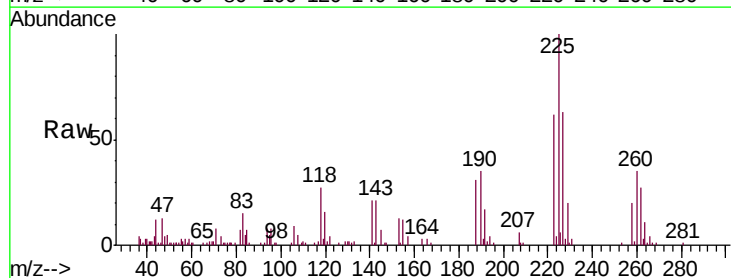
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

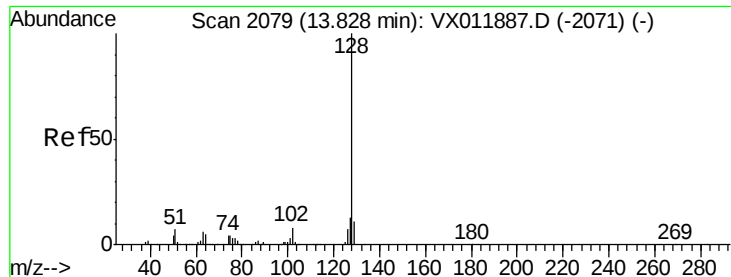
Tgt Ion:180 Resp: 15469
 Ion Ratio Lower Upper
 180 100
 182 95.9 48.1 144.4
 145 27.9 13.8 41.3



#94
 Hexachlorobutadiene
 Concen: 2.286 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

Tgt Ion:225 Resp: 9604
 Ion Ratio Lower Upper
 225 100
 223 60.1 30.8 92.3
 227 63.9 31.9 95.7

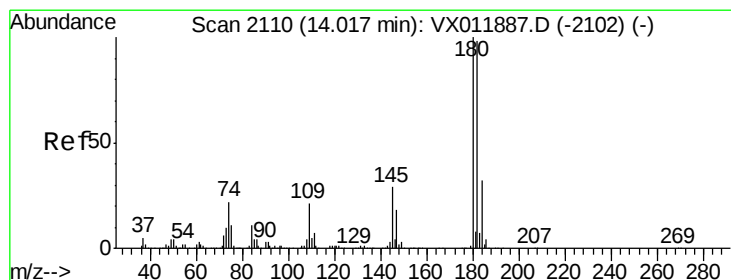
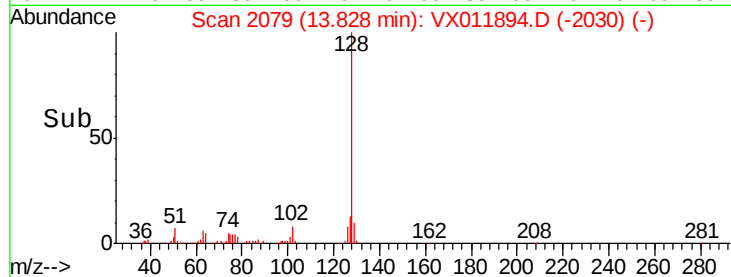
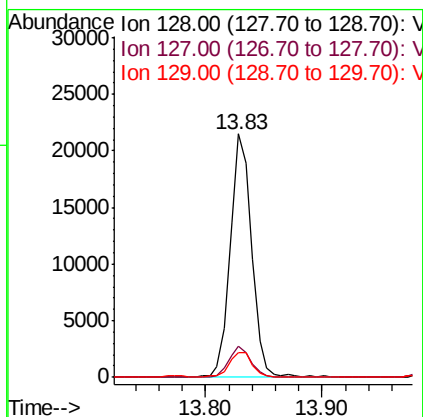
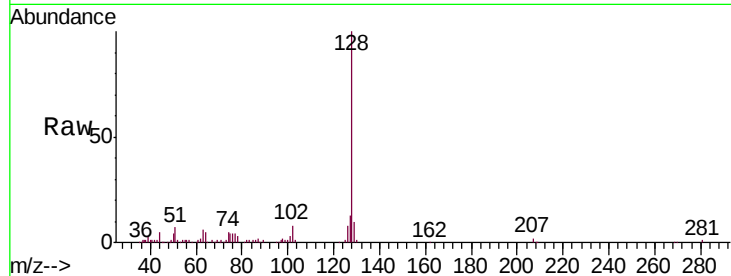




#95
Naphthalene
Concen: 2.547 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

Instrument :
MSVOA_X
ClientSampleId :
MDL01

Tgt Ion:128 Resp: 27495
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 2.545 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

Tgt Ion:180 Resp: 14477
Ion Ratio Lower Upper
180 100
182 94.3 48.3 144.8
145 30.8 14.6 43.8

