

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082919\
 Data File : VX011894.D
 Acq On : 30 Aug 2019 02:40
 Operator : SY/SP
 Sample : MDL01 2.5 PPB
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Quant Time: Aug 30 04:15:15 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	4.729	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
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
39) Methylcyclohexane	7.45	83	9784	2.220	ug/l	95

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Quant Time: Aug 30 04:15:15 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)
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	7720	3.025	ug/l	87
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	11.13	75	114239	112.458	ug/l #	11
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
93) 1,2,4-Trichlorobenzene	13.64	180	15469	2.459	ug/l	100

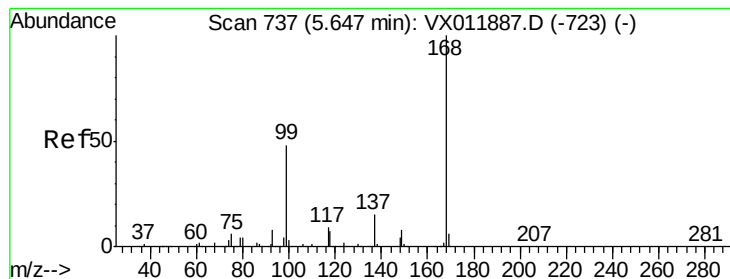
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Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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



#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 :

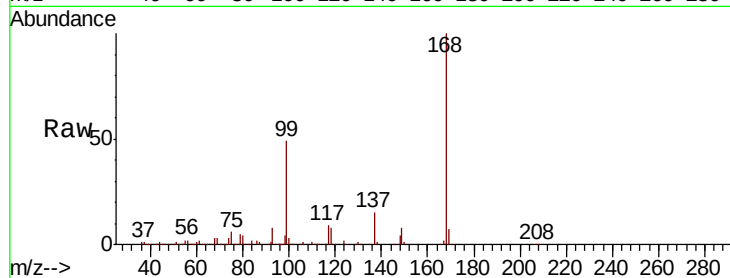
MDL01

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

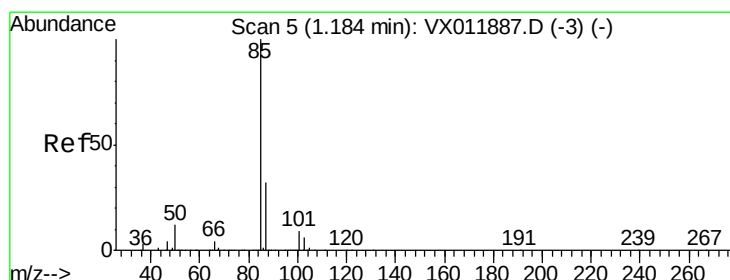
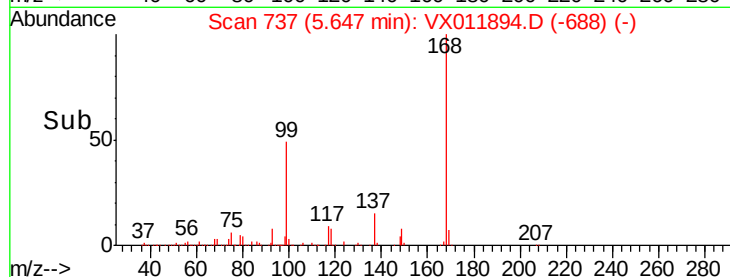
60000

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

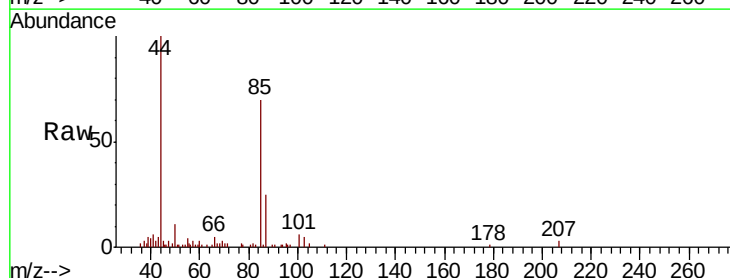
Acq: 30 Aug 2019 02:40

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

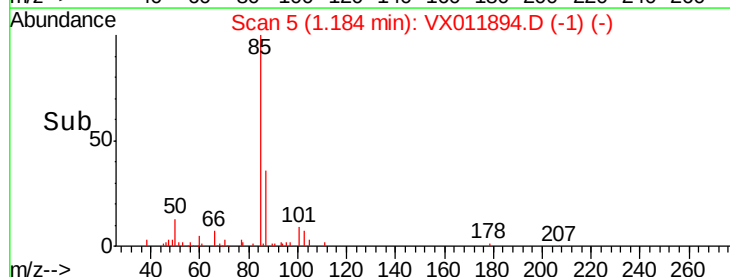
3000

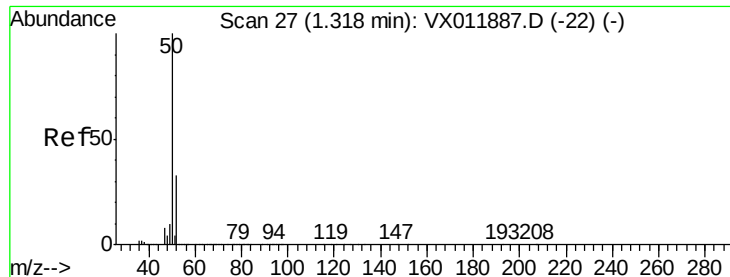
2000

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 :

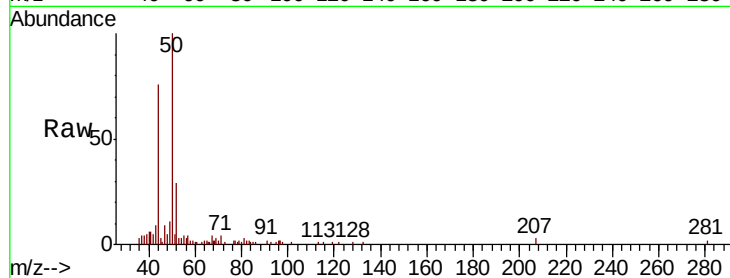
MDL01

Tgt Ion: 50 Resp: 6404

Ion Ratio Lower Upper

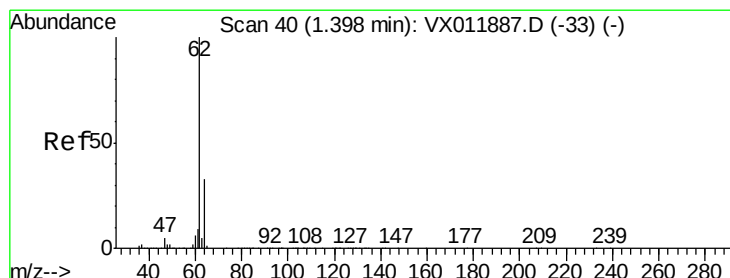
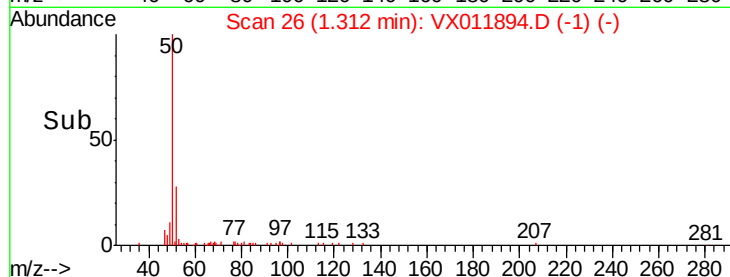
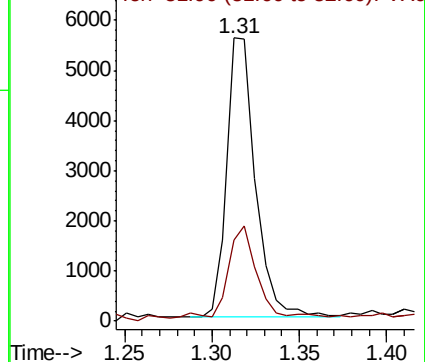
50 100

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

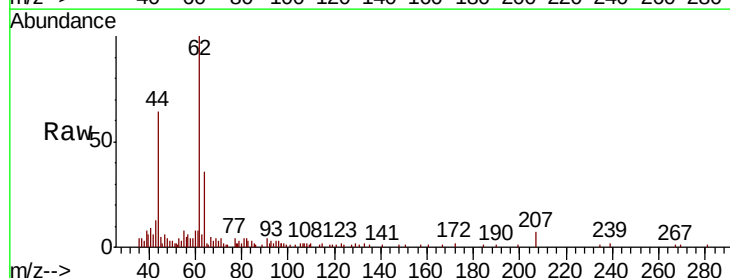
Acq: 30 Aug 2019 02:40

Tgt Ion: 62 Resp: 5589

Ion Ratio Lower Upper

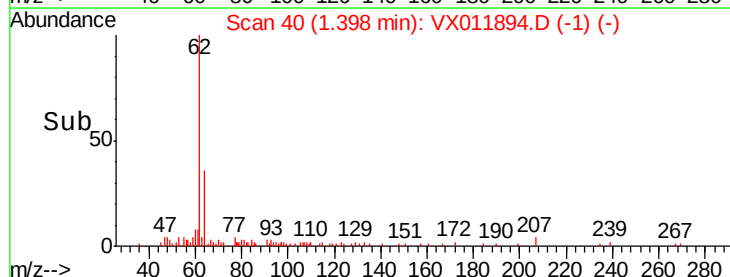
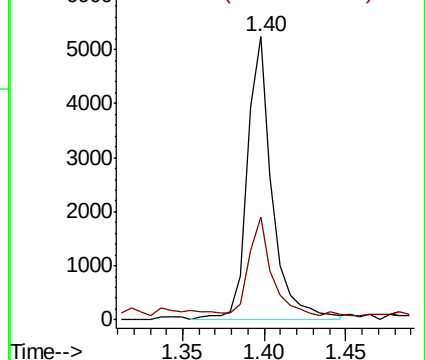
62 100

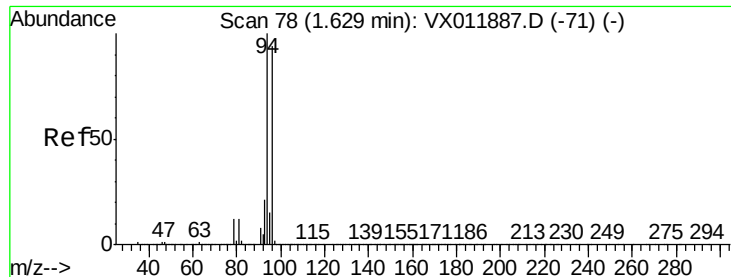
64 34.5 26.0 39.0



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 :

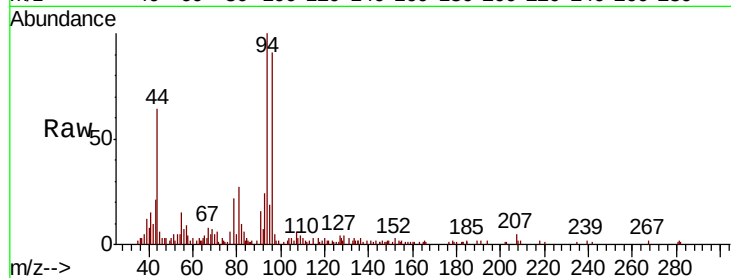
MDL01

Tgt Ion: 94 Resp: 5622

Ion Ratio Lower Upper

94 100

96 88.4 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

5000

4000

3000

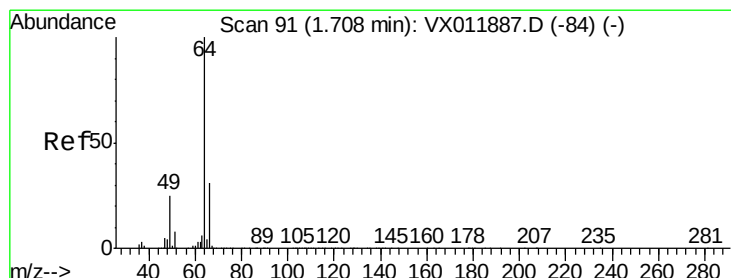
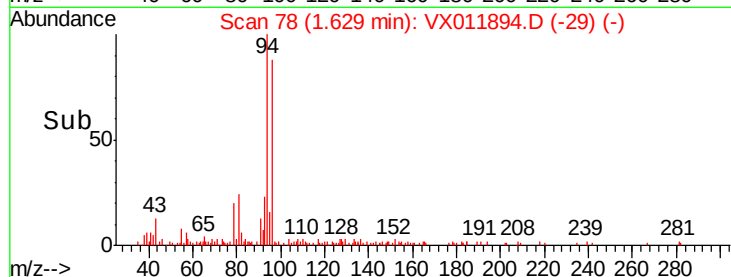
2000

1000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 2.693 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX011894.D

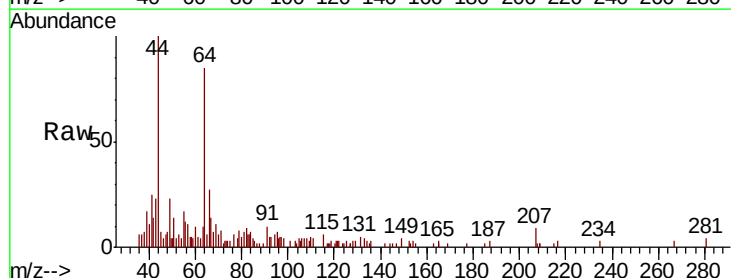
Acq: 30 Aug 2019 02:40

Tgt Ion: 64 Resp: 3539

Ion Ratio Lower Upper

64 100

66 28.4 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

3000

2500

2000

1500

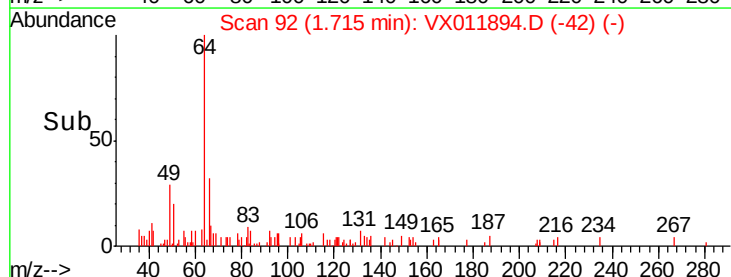
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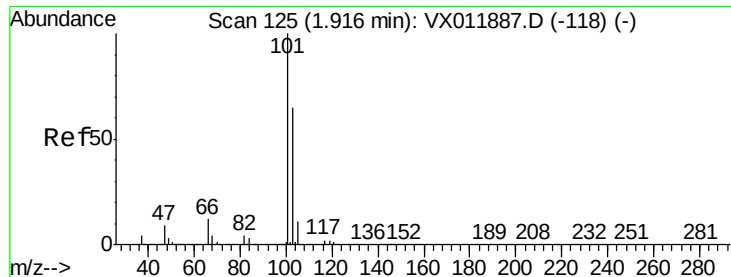
500

0

Time-->

1.65 1.70 1.75 1.80



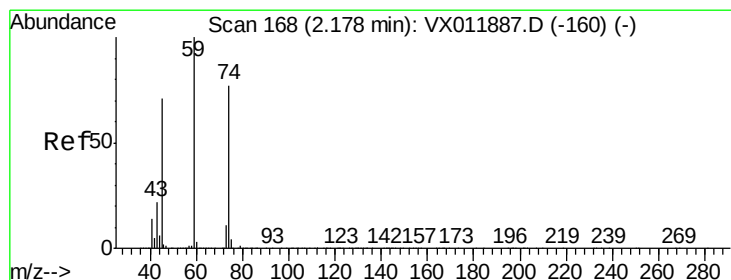
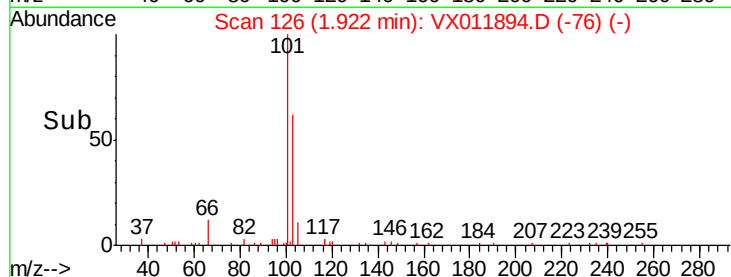
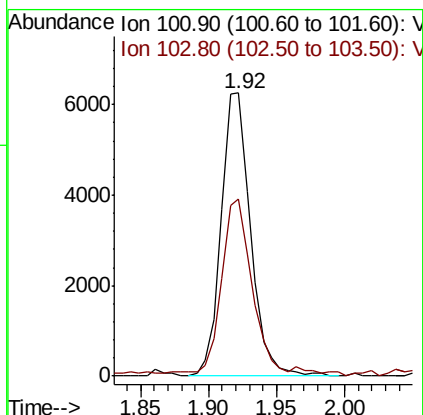
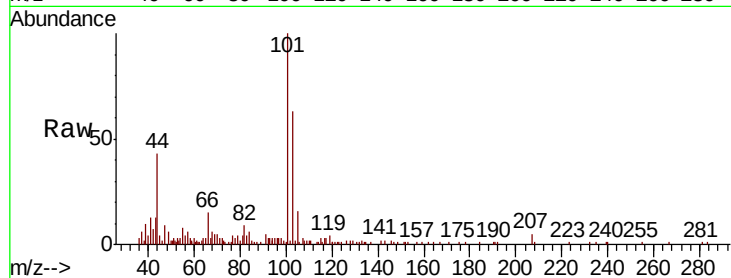


#7

Trichlorofluoromethane
Concen: 2.570 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.01 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

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MSVOA_X
ClientSampleId :
MDL01

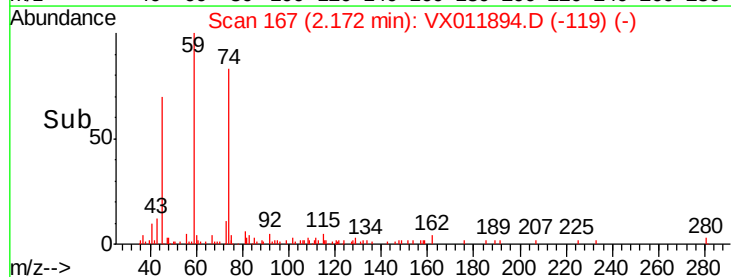
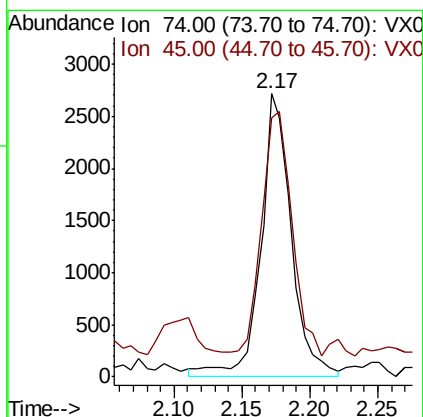
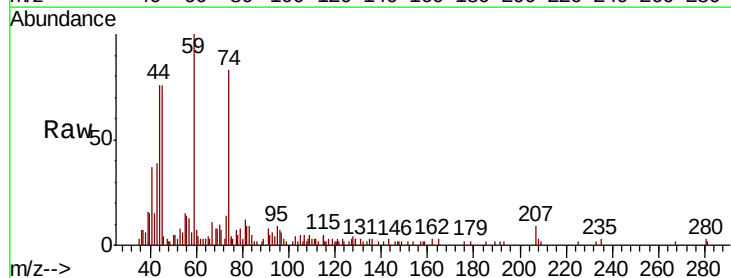
Tgt Ion: 101 Resp: 9422
Ion Ratio Lower Upper
101 100
103 61.4 51.6 77.4

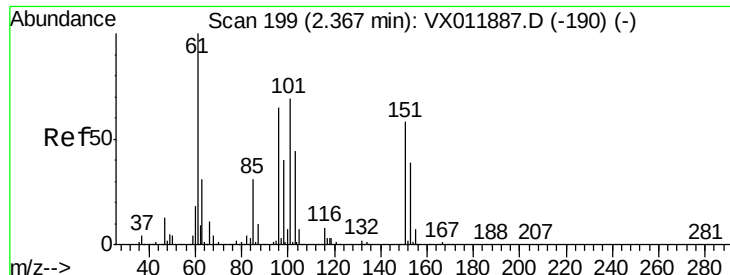


#8

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

Acq: 30 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampleId :

MDL01

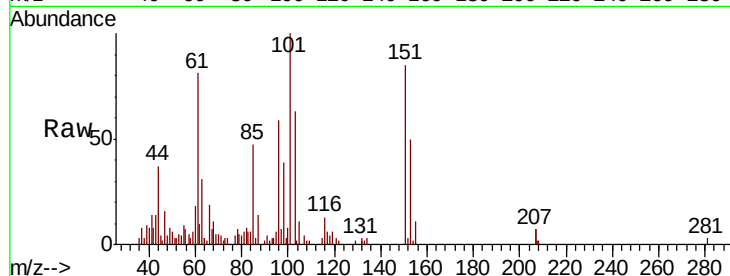
Tgt Ion:101 Resp: 6047

Ion Ratio Lower Upper

101 100

85 46.8 34.9 52.3

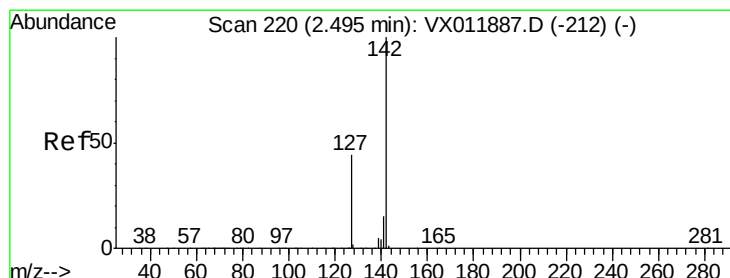
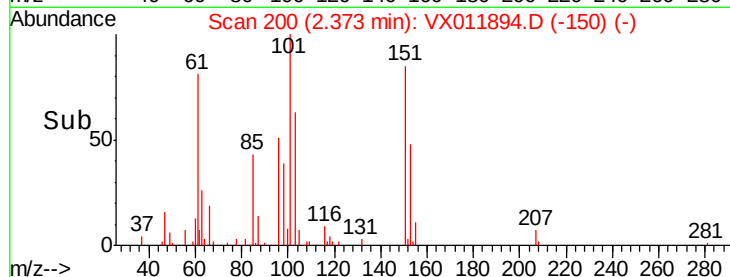
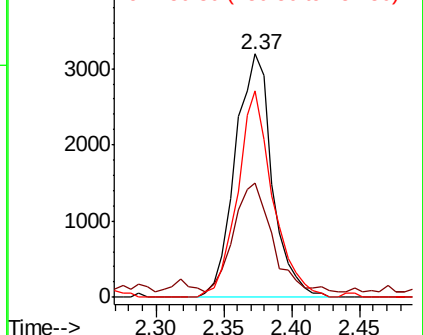
151 81.2 70.9 106.3



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: 4.729 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.01 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

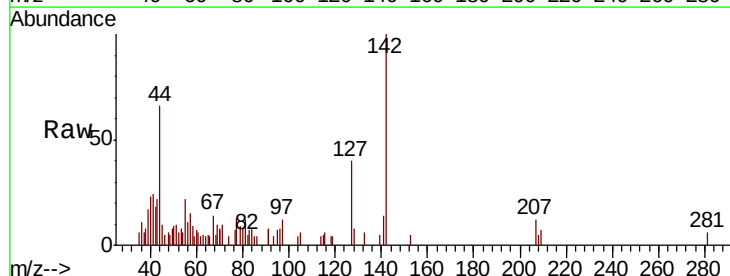
Tgt Ion:142 Resp: 2966

Ion Ratio Lower Upper

142 100

127 48.1 35.7 53.5

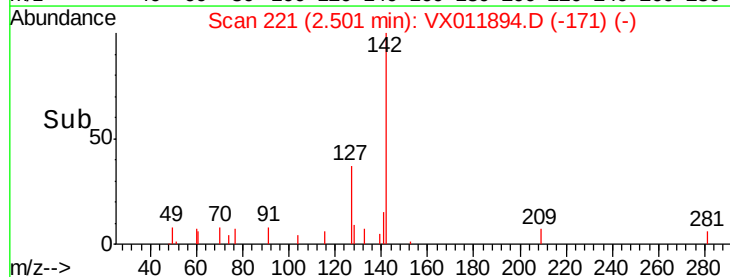
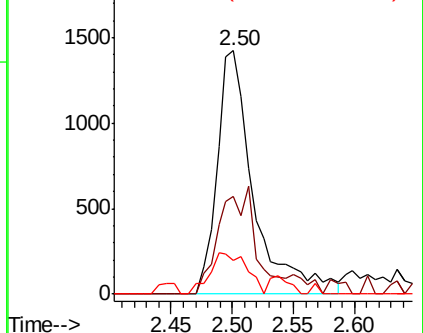
141 0.0 11.8 17.6#

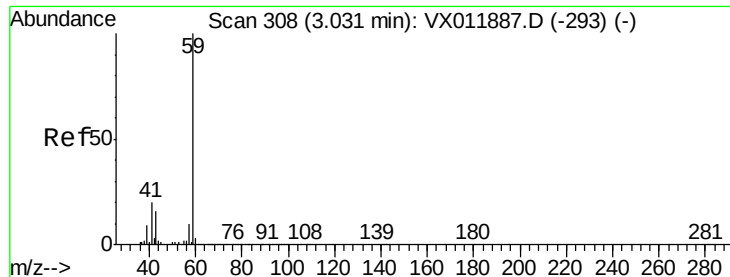


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



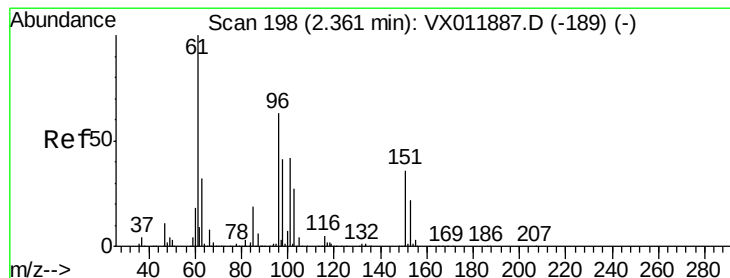
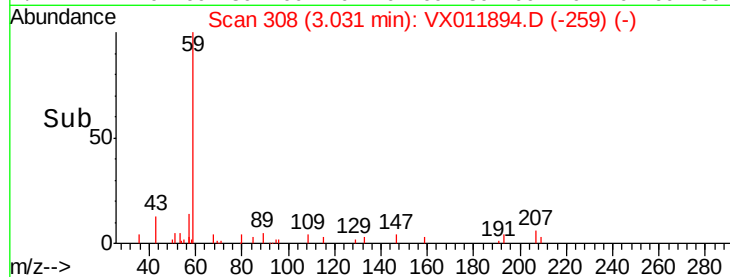
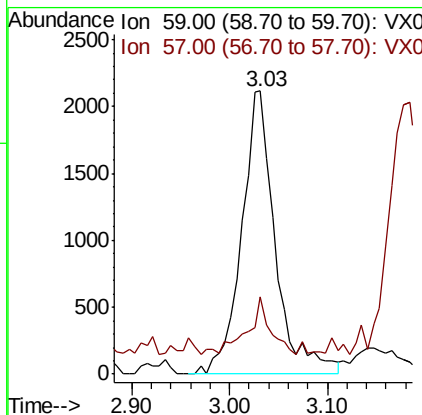
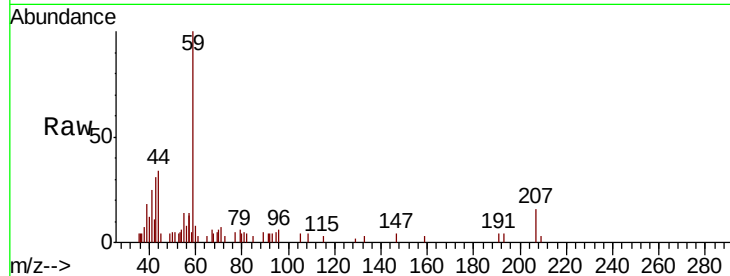


#11

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

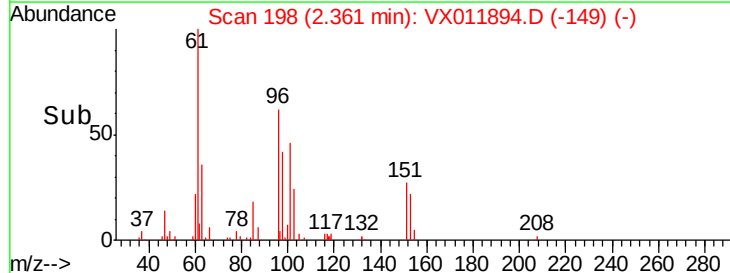
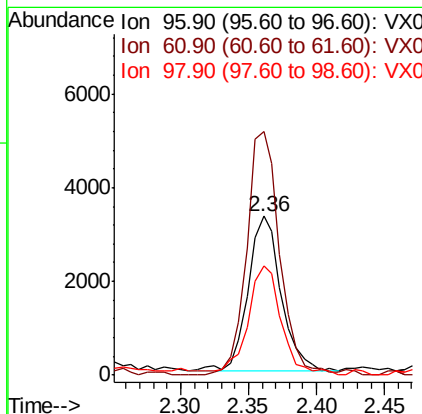
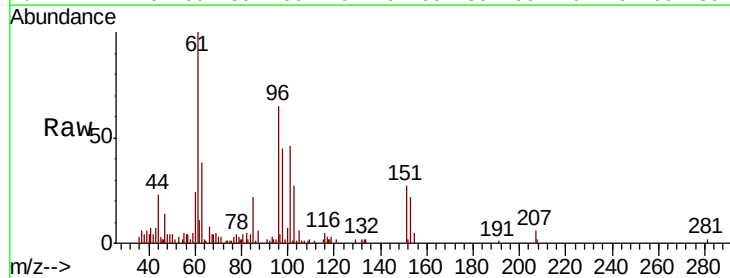
Tgt Ion: 59 Resp: 5077
 Ion Ratio Lower Upper
 59 100
 57 14.0 8.6 12.8#

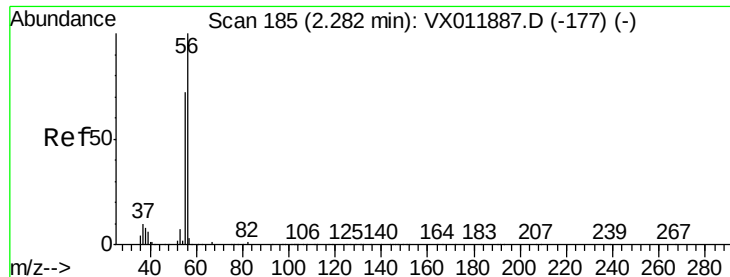


#12

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 :

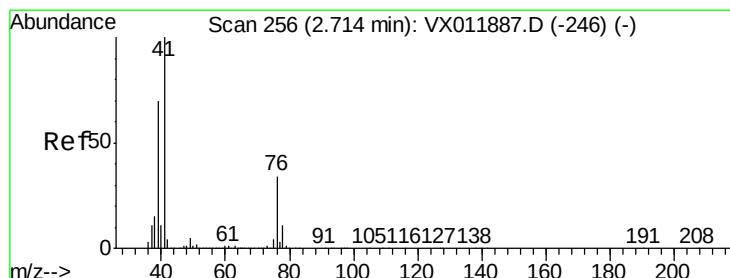
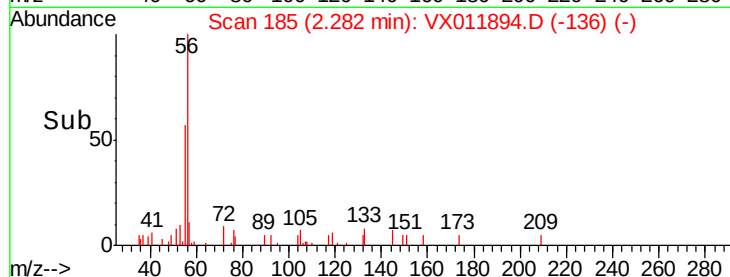
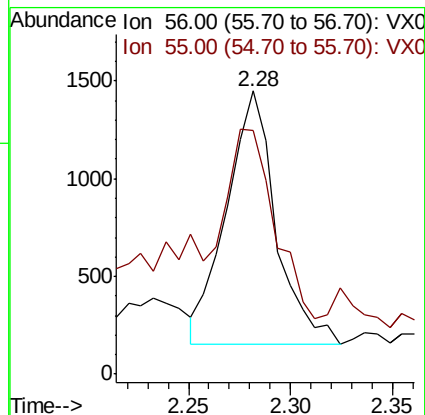
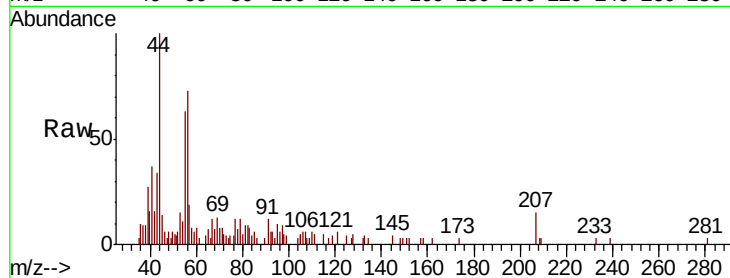
MDL01

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

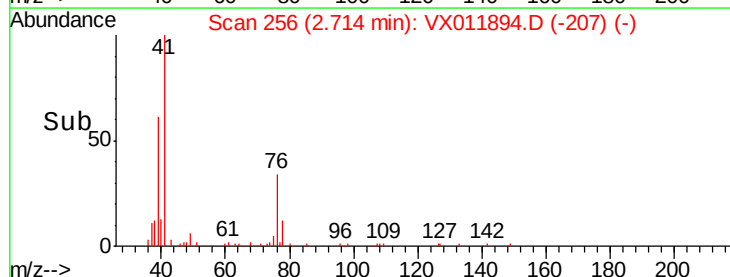
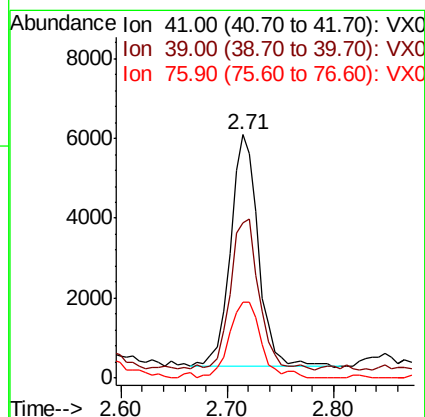
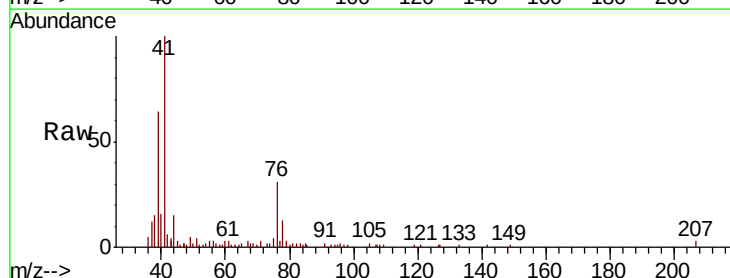
Tgt Ion: 41 Resp: 10635

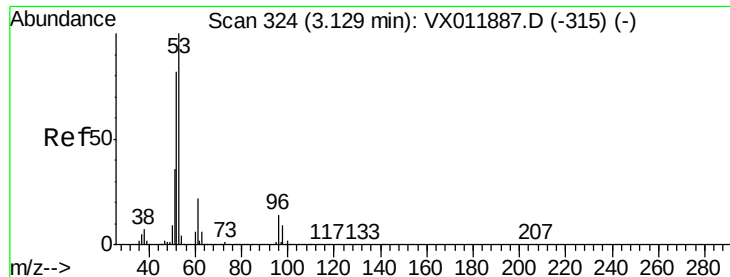
Ion Ratio Lower Upper

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

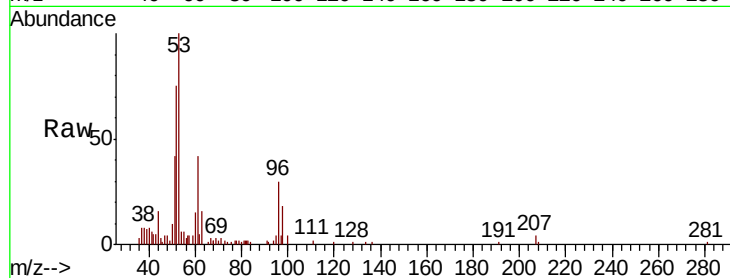
Tgt Ion: 53 Resp: 9428

Ion Ratio Lower Upper

53 100

52 80.0 65.3 97.9

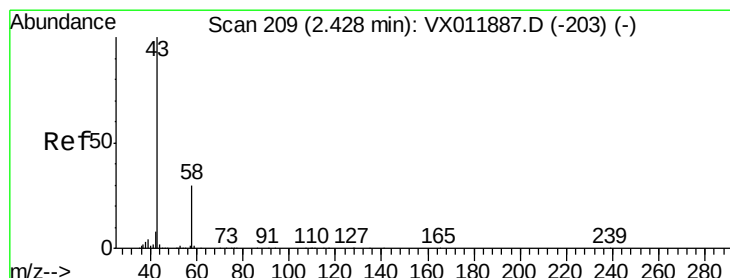
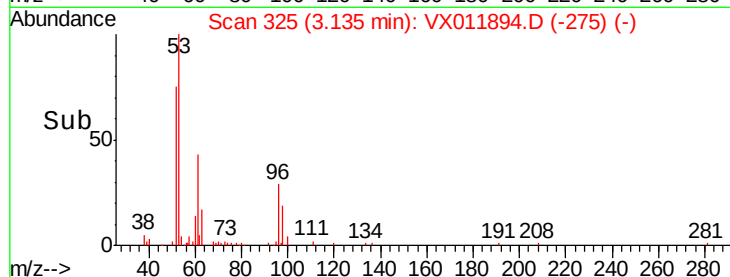
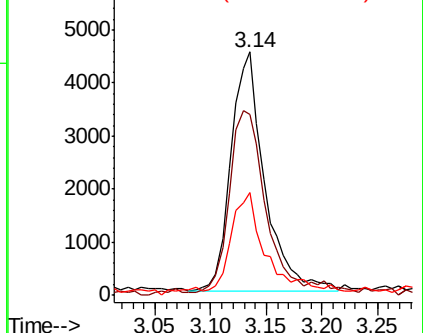
51 42.6 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 18.009 ug/l

RT: 2.43 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX011894.D

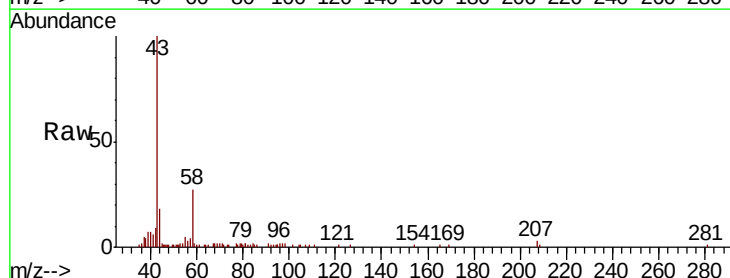
Acq: 30 Aug 2019 02:40

Tgt Ion: 43 Resp: 11732

Ion Ratio Lower Upper

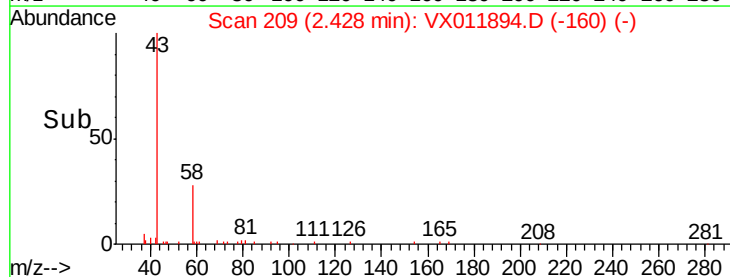
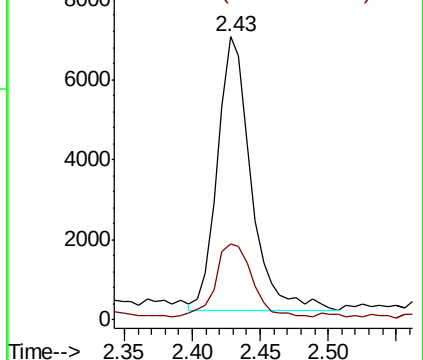
43 100

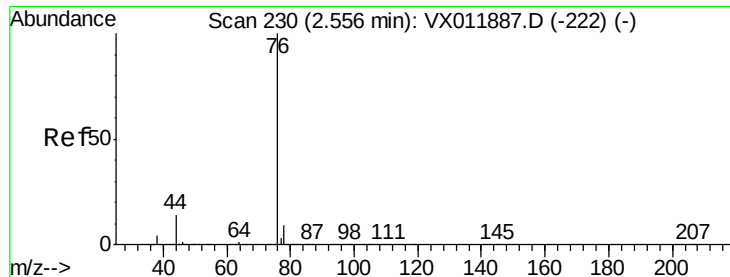
58 25.7 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#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 :

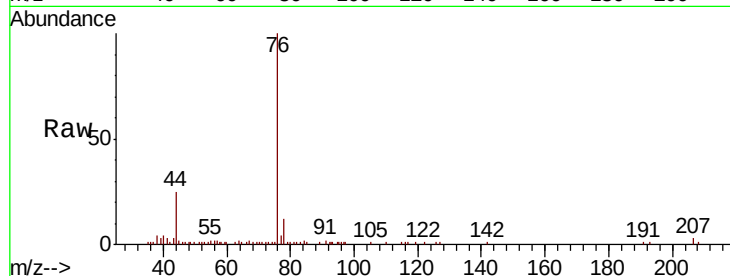
MDL01

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

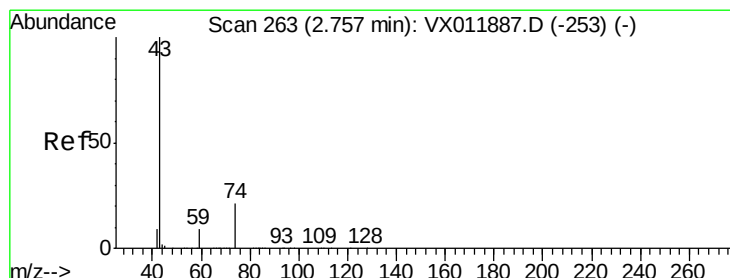
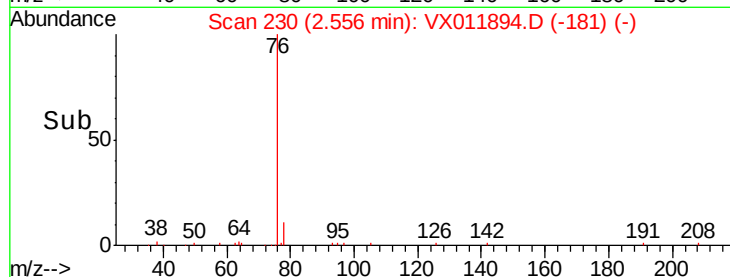
2000

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

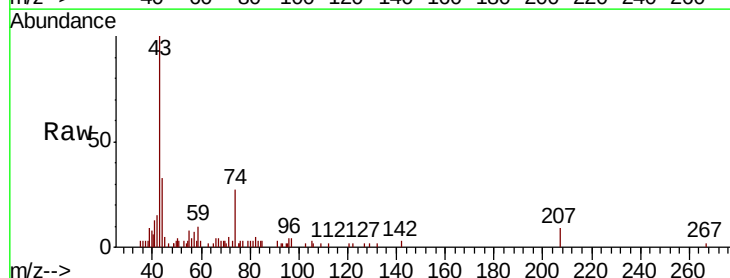
Acq: 30 Aug 2019 02:40

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

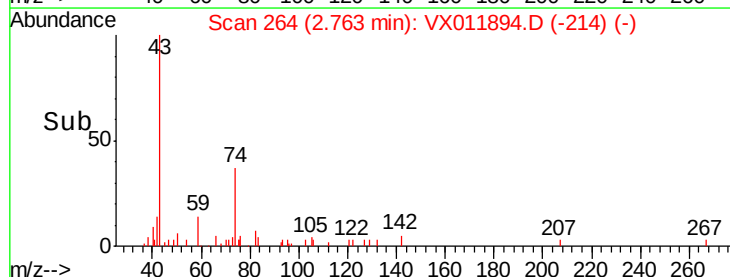
Time-->

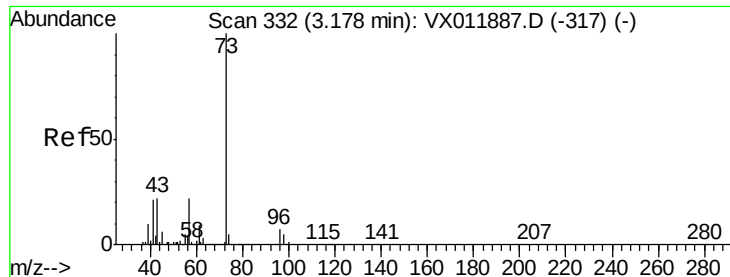
2.70

2.75

2.80

2.85



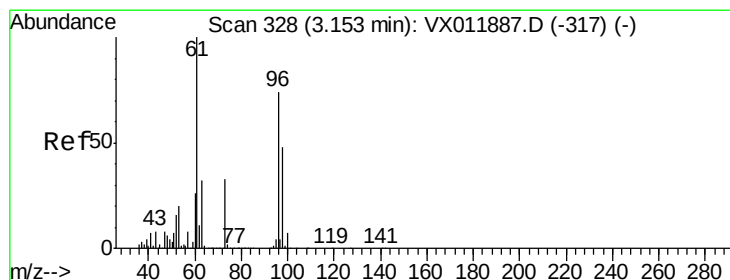
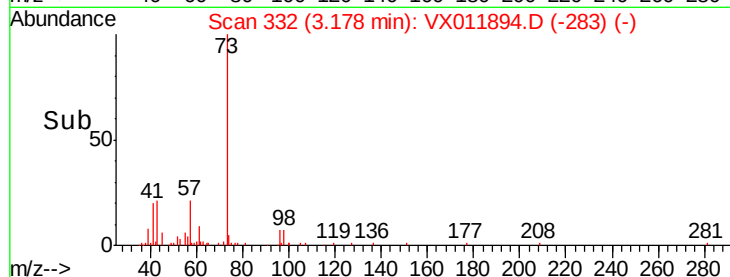
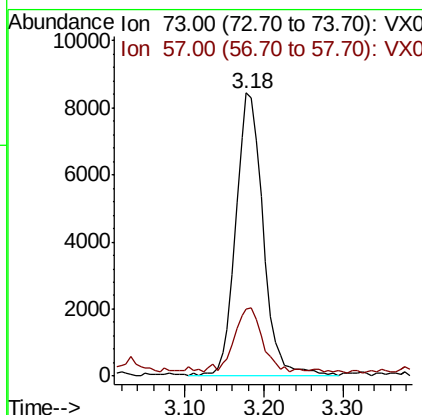
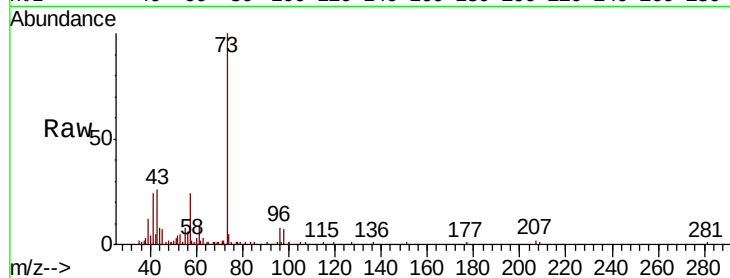


#19

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

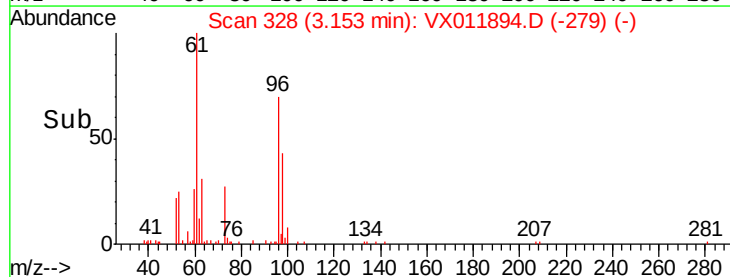
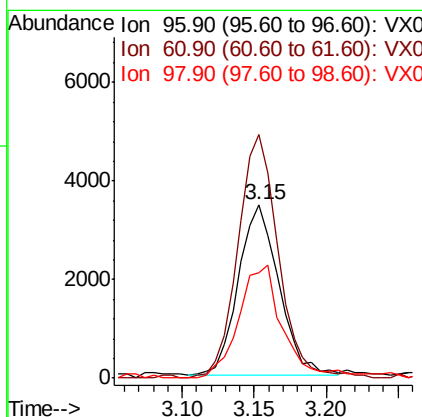
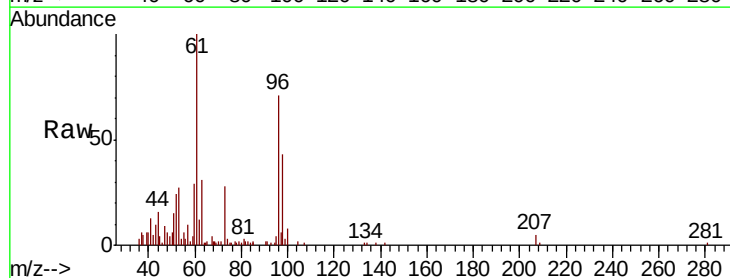
Tgt Ion: 73 Resp: 20421
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.4 26.0

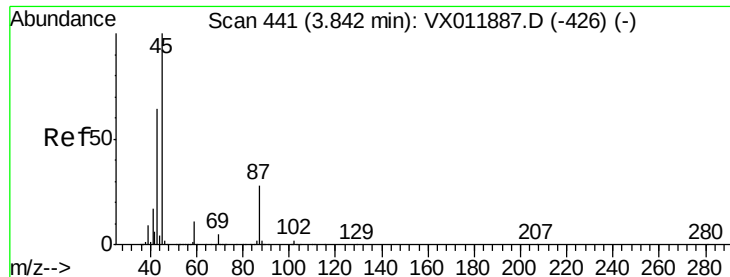


#21

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

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





#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

Instrument :

MSVOA_X

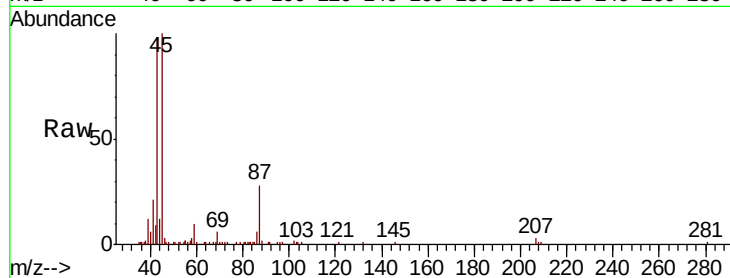
ClientSampleId :

MDL01

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

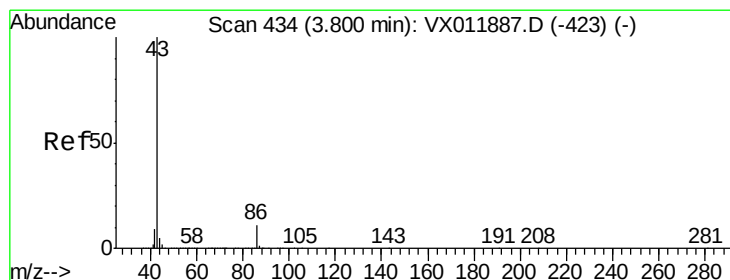
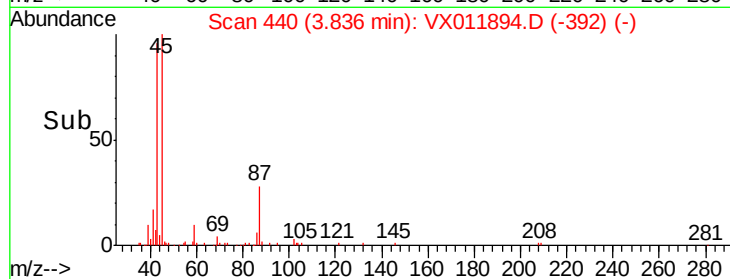
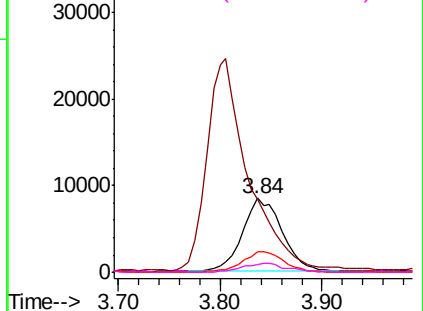


Abundance Ion 45.00 (44.70 to 45.70): VX0

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

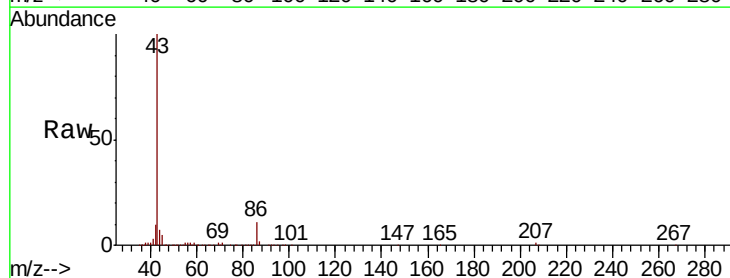
Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

Tgt Ion: 43 Resp: 69405

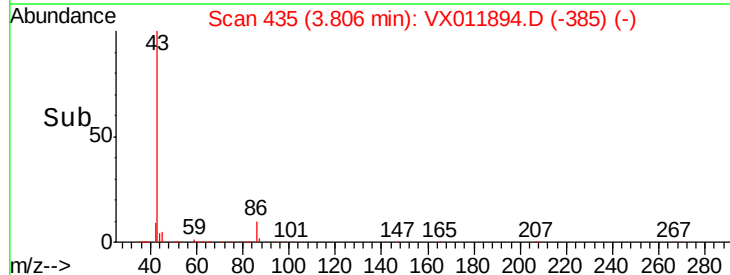
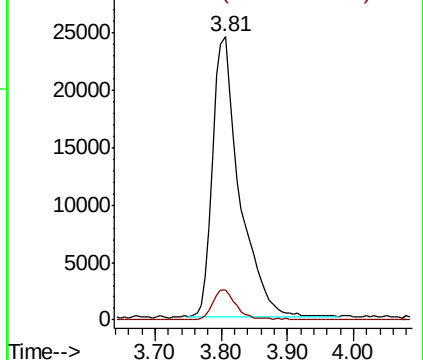
Ion Ratio Lower Upper

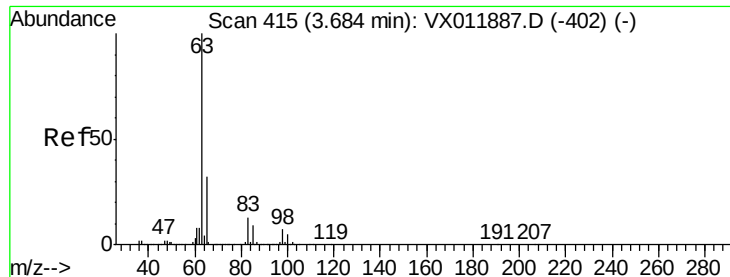
43	100		
86	10.7	8.6	12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#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

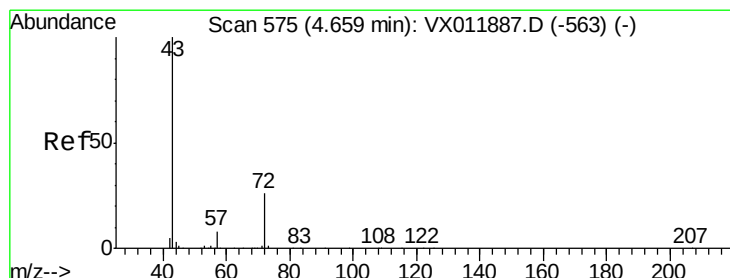
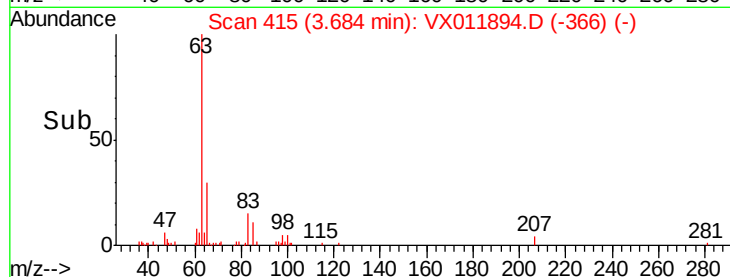
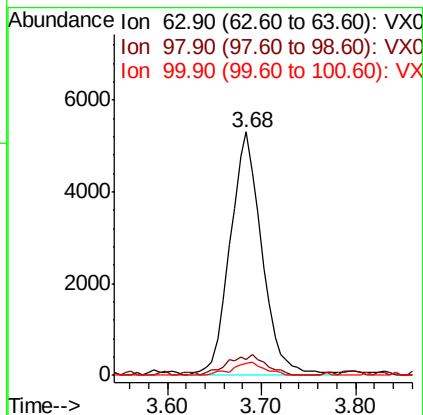
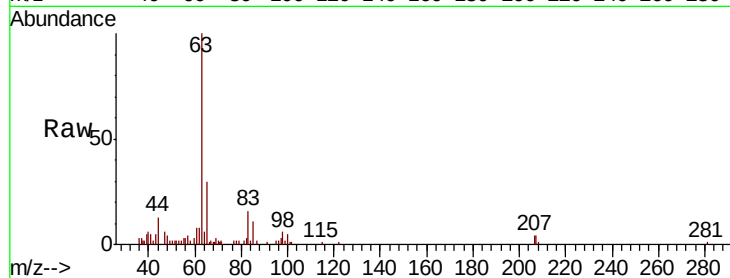
Instrument :

MSVOA_X

ClientSampleId :

MDL01

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

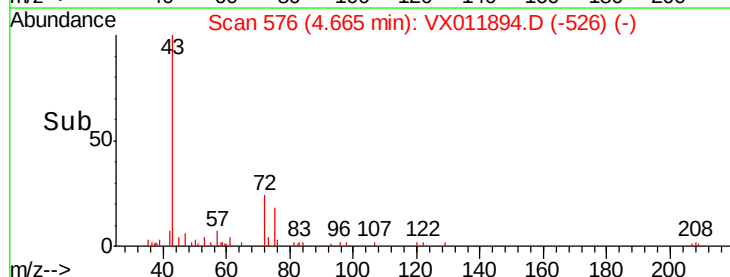
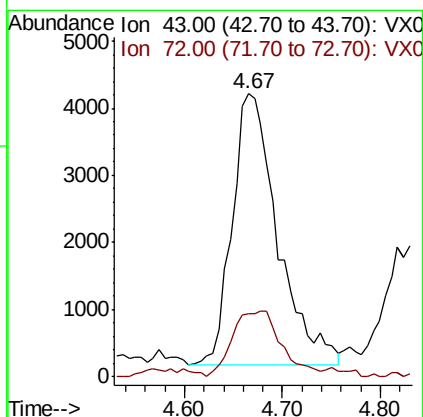
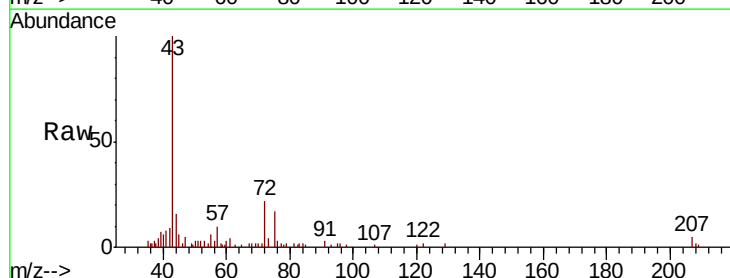
RT: 4.67 min Scan# 576

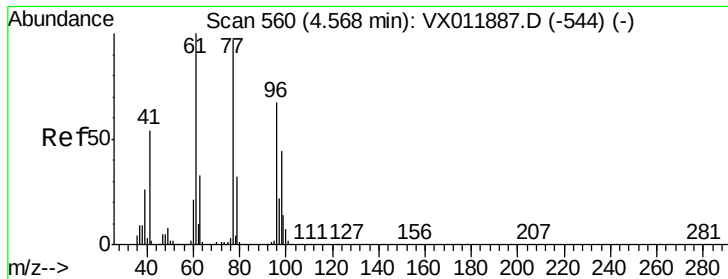
Delta R.T. 0.01 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

Tgt Ion:	43	Resp:	12950
Ion	Ratio	Lower	Upper
43	100		
72	21.4	21.0	31.4

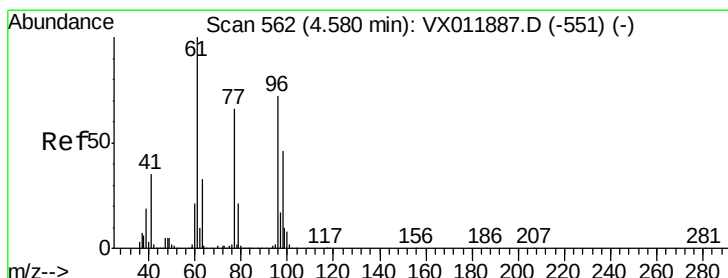
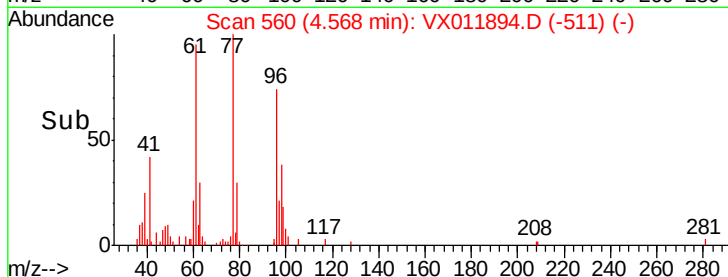
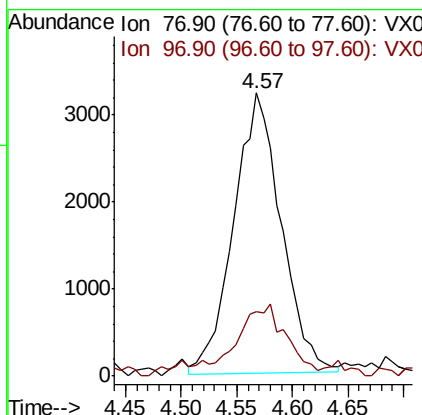
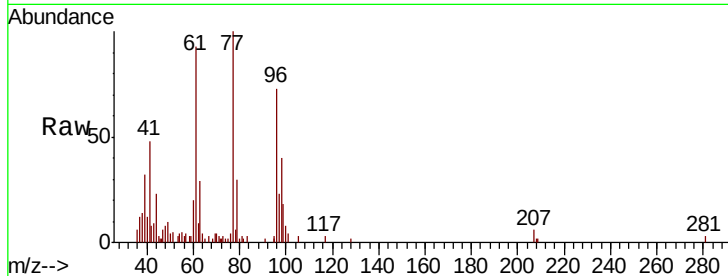




#26
 2,2-Dichloropropane
 Concen: 2.423 ug/l
 RT: 4.57 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

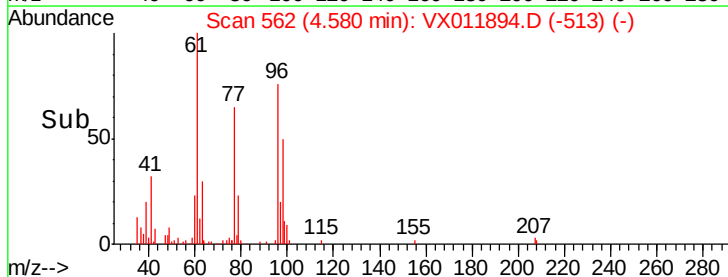
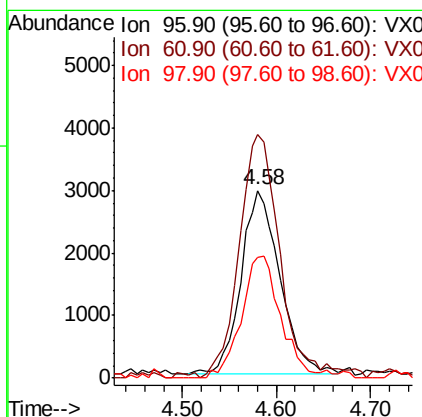
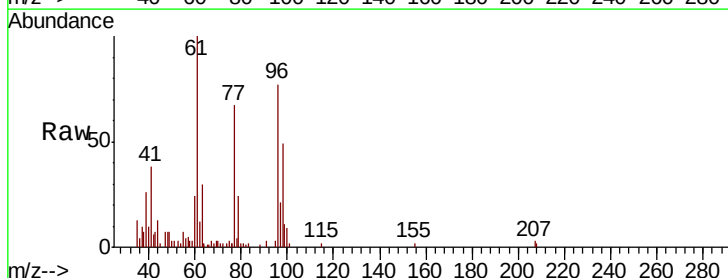
Instrument :
 MSVOA_X
 ClientSampled :
 MDL01

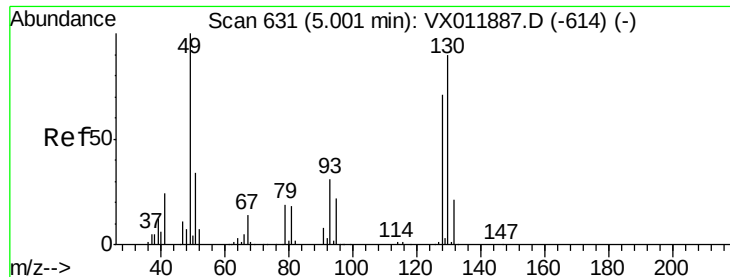
Tgt Ion: 77 Resp: 9526
 Ion Ratio Lower Upper
 77 100
 97 24.3 11.7 35.1



#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

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





#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

Instrument :

MSVOA_X

ClientSampleId :

MDL01

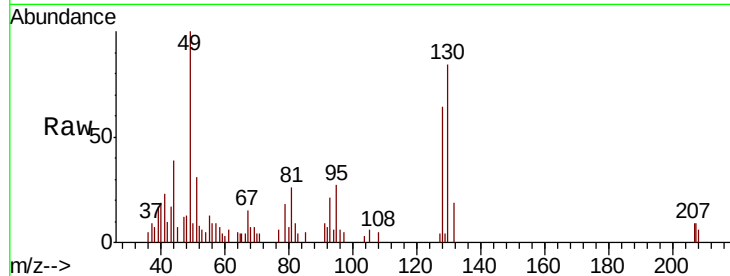
Tgt Ion: 49 Resp: 5489

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.8

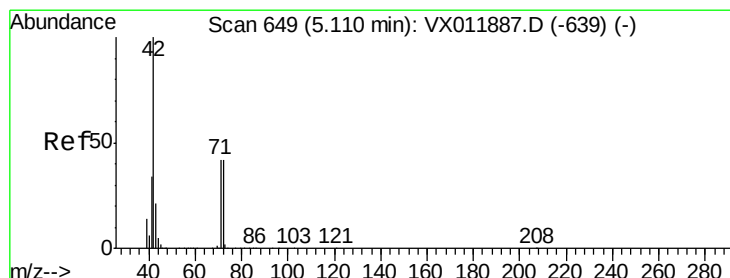
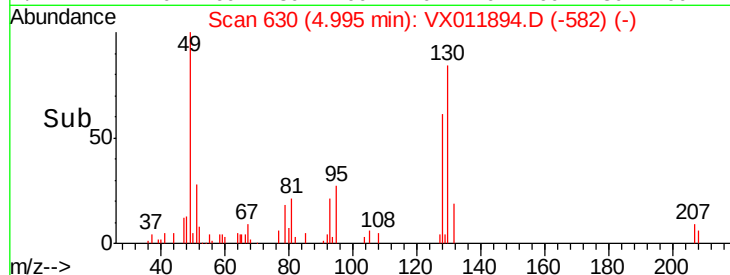
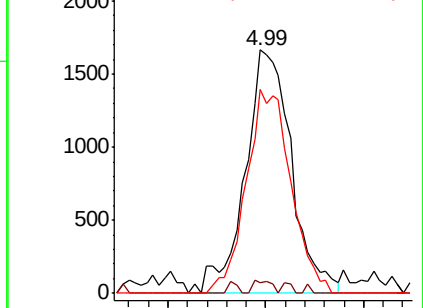
130 80.5 70.6 105.8



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

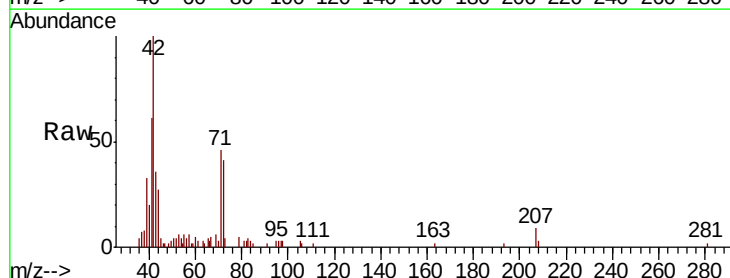
Tgt Ion: 42 Resp: 8843

Ion Ratio Lower Upper

42 100

72 45.6 36.2 54.4

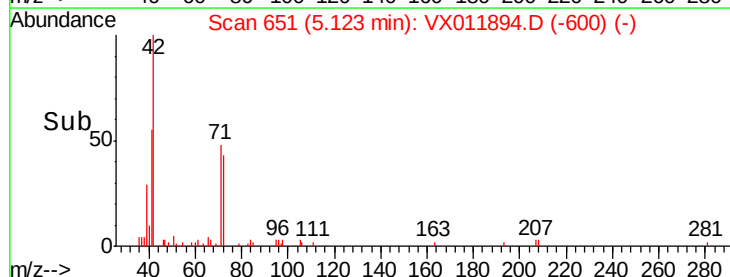
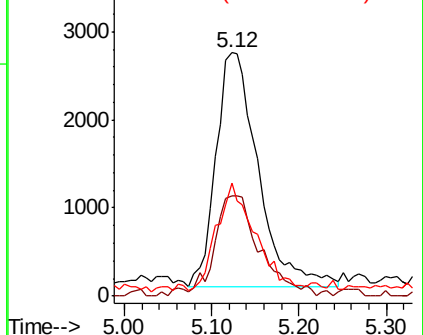
71 42.2 33.1 49.7

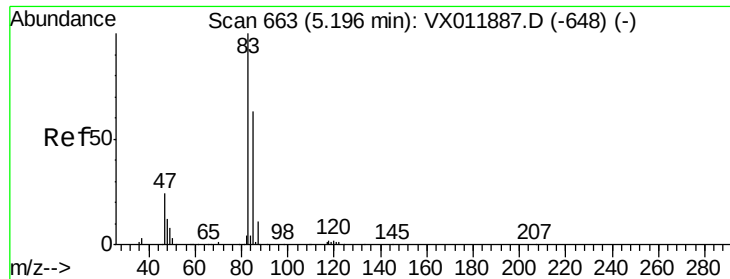


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

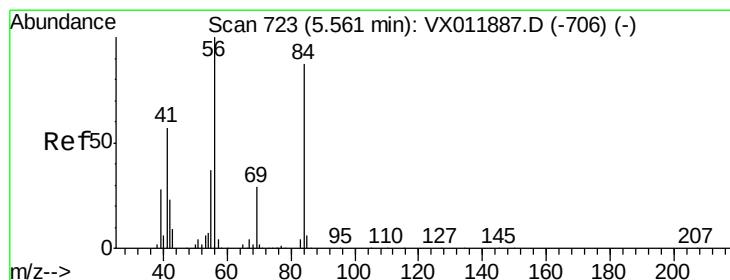
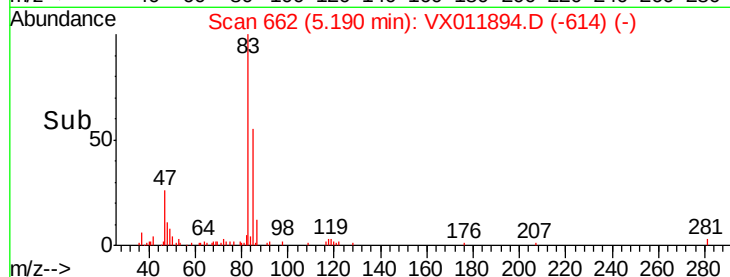
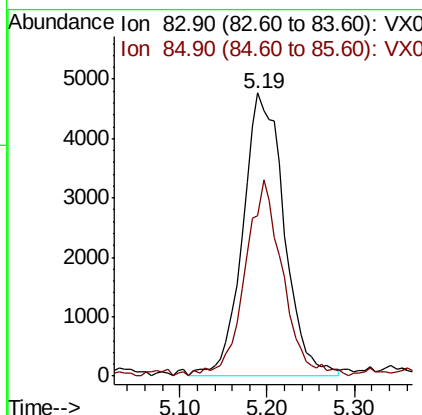
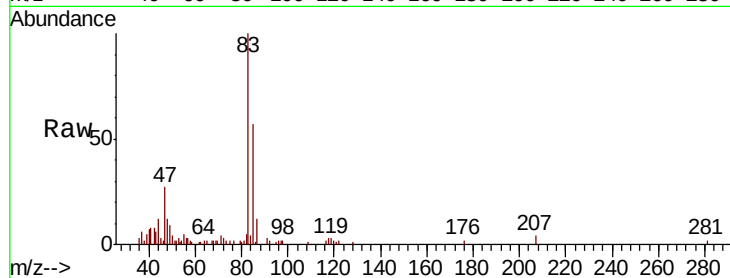




#30
Chloroform
Concen: 3.125 ug/l
RT: 5.19 min Scan# 662
Delta R.T. -0.01 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

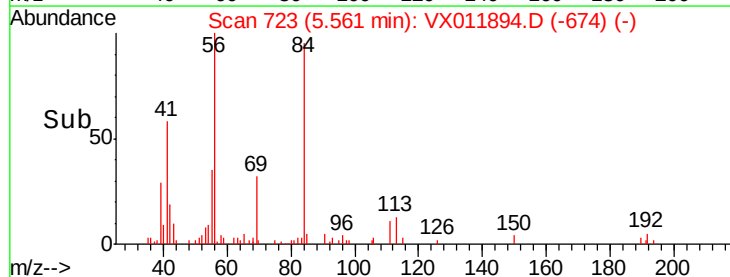
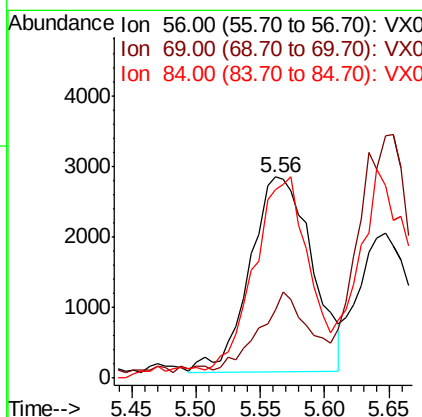
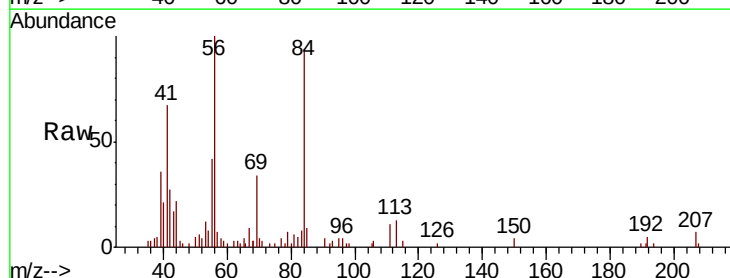
Instrument :
MSVOA_X
ClientSampled :
MDL01

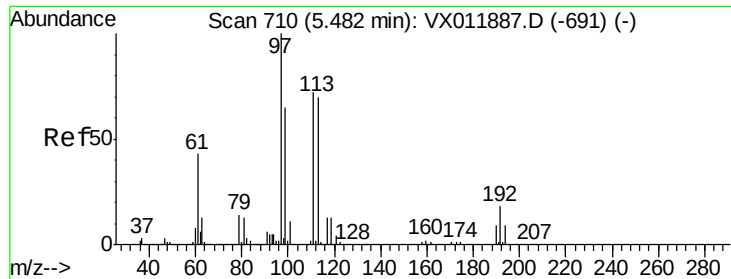
Tgt Ion: 83 Resp: 15660
Ion Ratio Lower Upper
83 100
85 56.9 50.6 75.8



#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

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

Instrument :

MSVOA_X

ClientSampleId :

MDL01

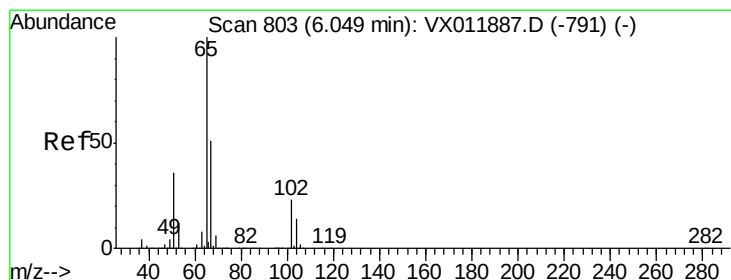
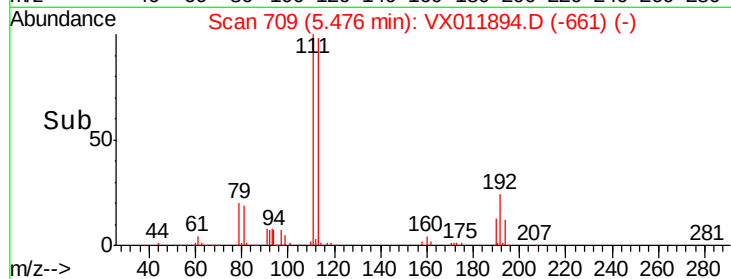
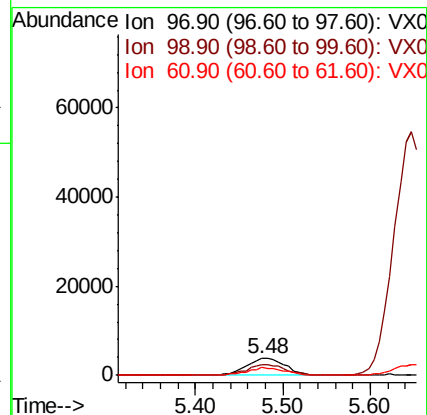
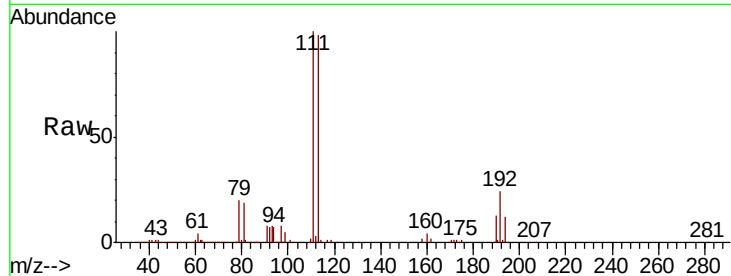
Tgt Ion: 97 Resp: 11685

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

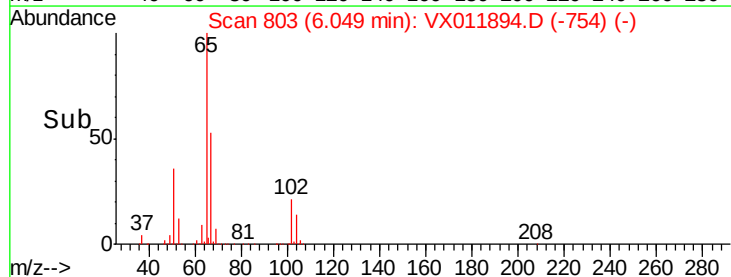
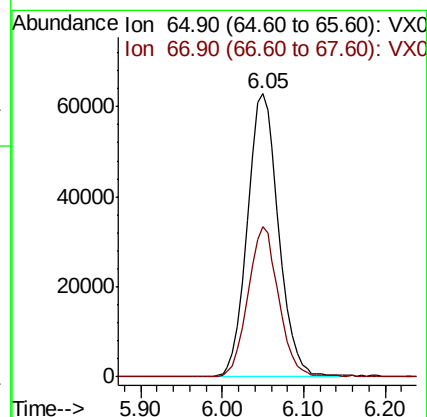
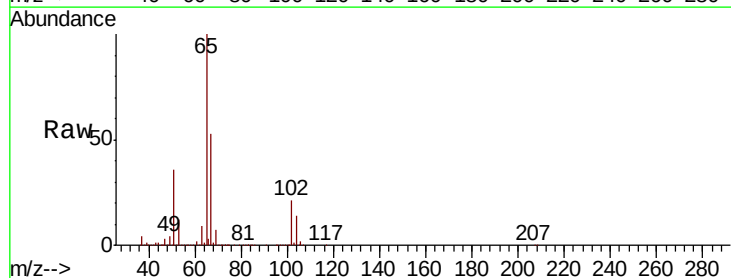
Acq: 30 Aug 2019 02:40

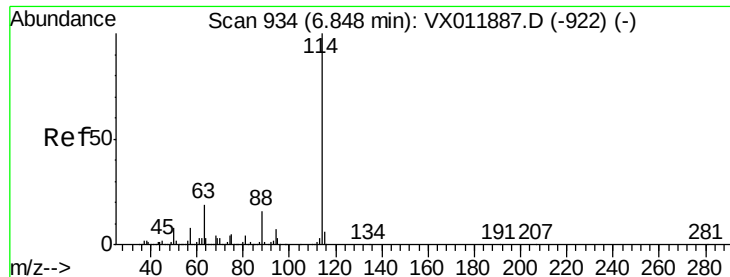
Tgt Ion: 65 Resp: 167581

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.2

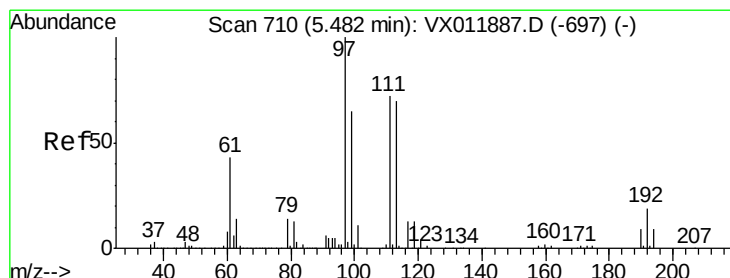
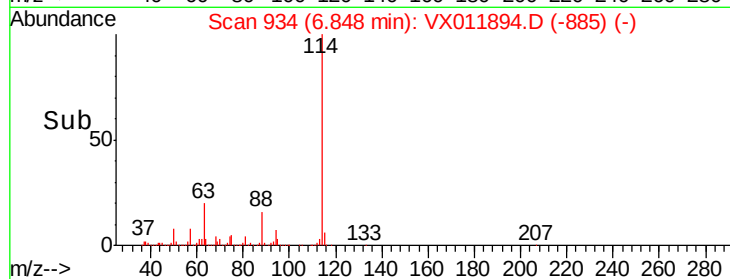
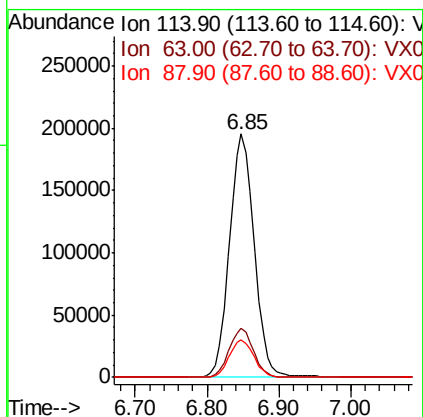
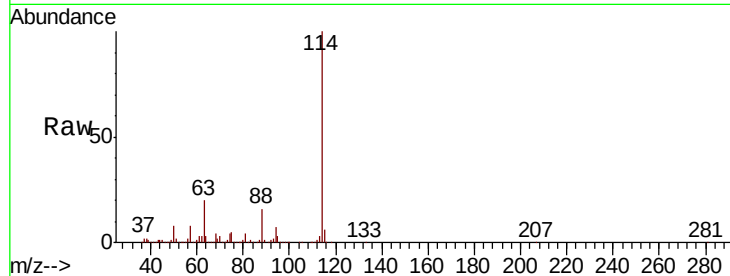




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 934
Delta R.T. 0.00 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

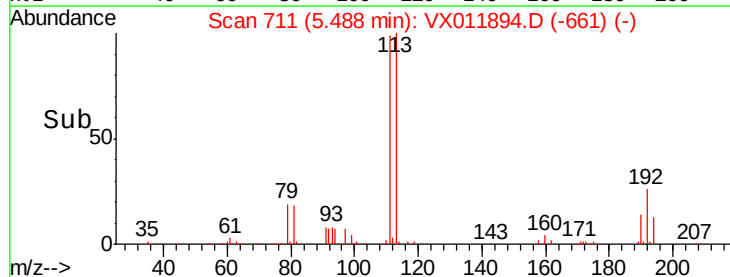
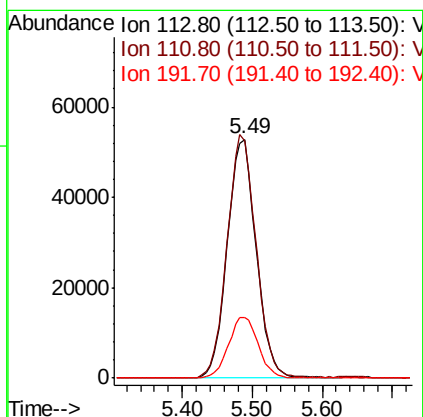
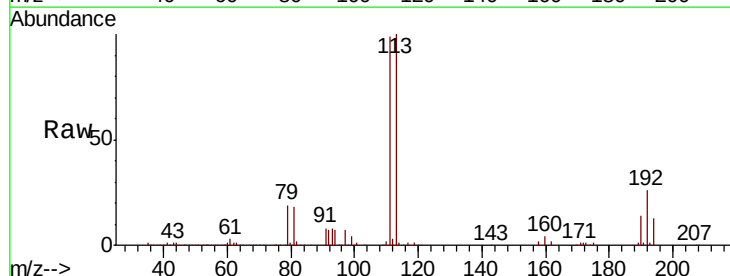
Instrument :
MSVOA_X
ClientSampleId :
MDL01

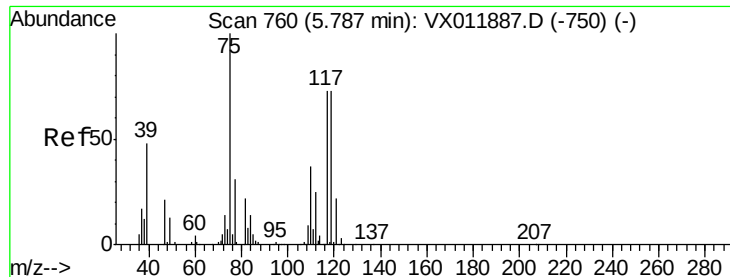
Tgt Ion:114 Resp: 466997
Ion Ratio Lower Upper
114 100
63 19.9 0.0 38.8
88 15.6 0.0 31.2



#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

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

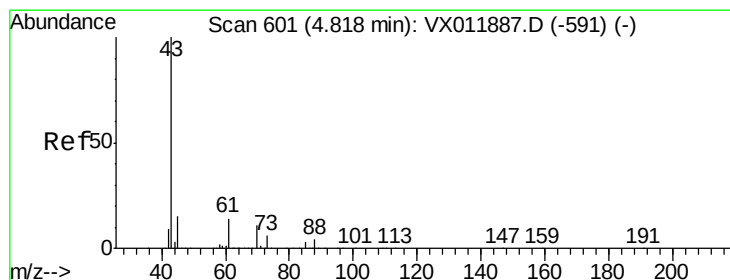
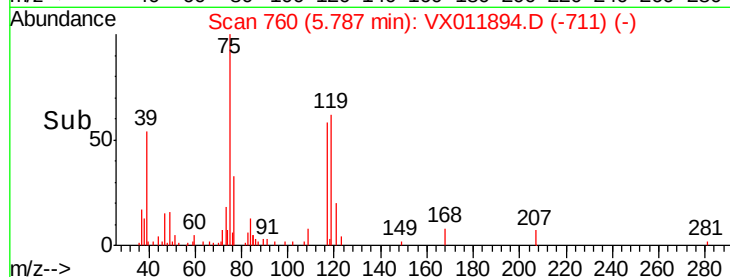
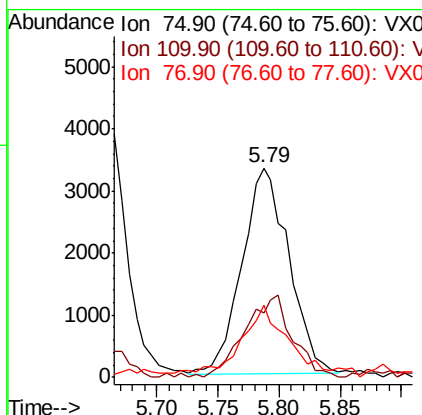
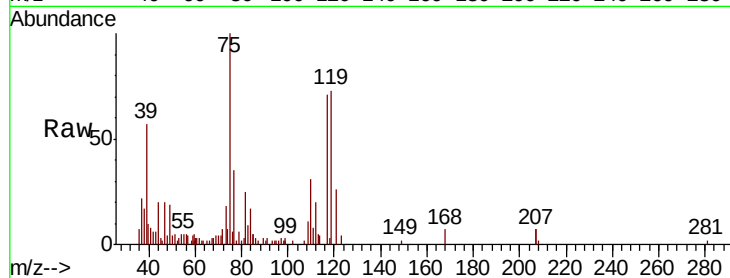




#36
 1,1-Dichloropropene
 Concen: 2.381 ug/l
 RT: 5.79 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

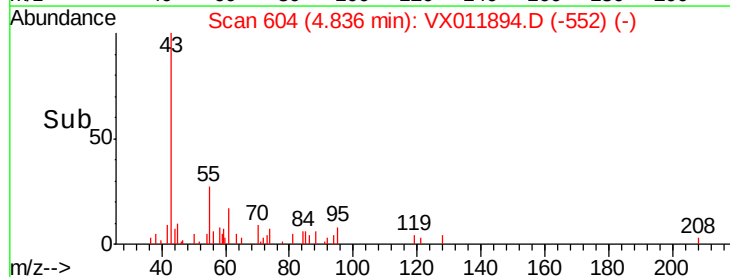
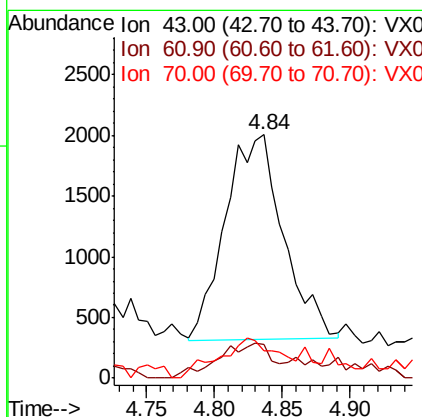
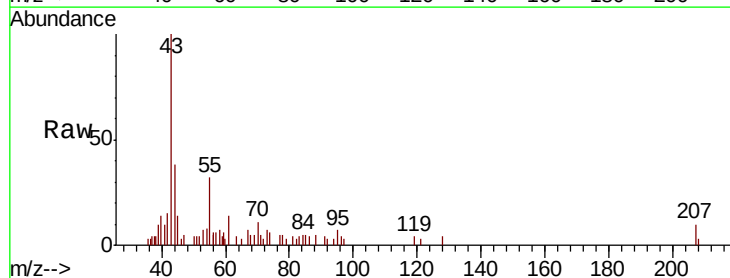
Instrument :
 MSVOA_X
 ClientSampled :
 MDL01

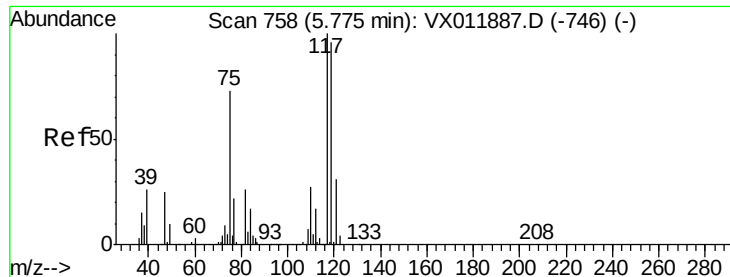
Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.5	19.1	57.3
77	31.8	24.4	36.6



#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

Tgt 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

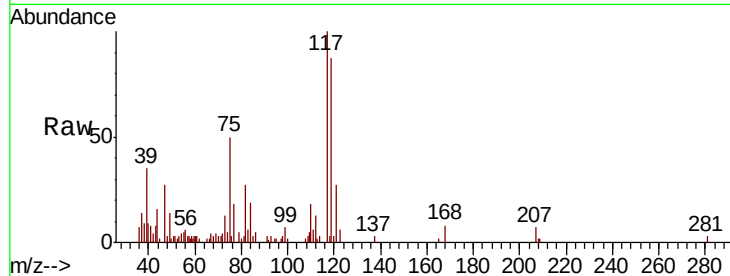
Instrument :

MSVOA_X

ClientSampleId :

MDL01

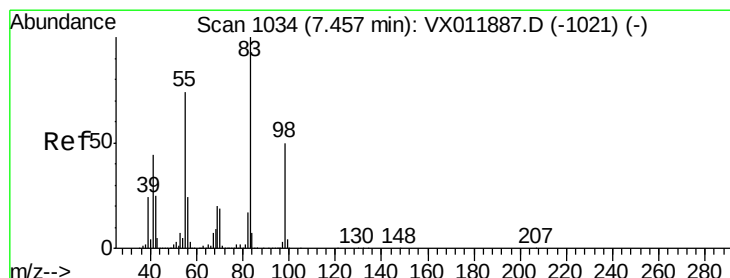
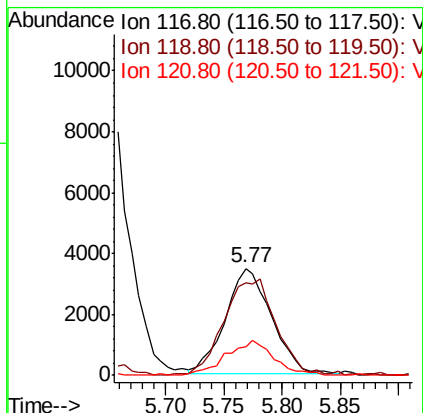
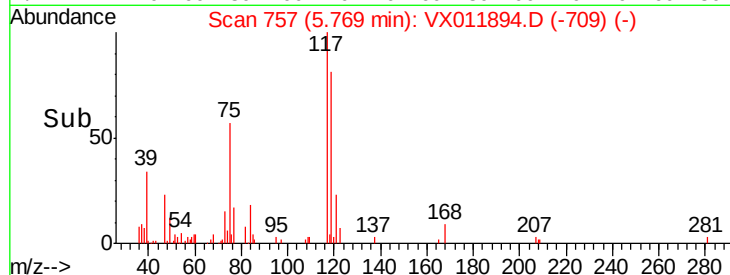
Tgt Ion:	117	Resp:	9545
Ion	Ratio	Lower	Upper
117	100		
119	87.4	76.6	114.8
121	27.4	24.7	37.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 2.220 ug/l

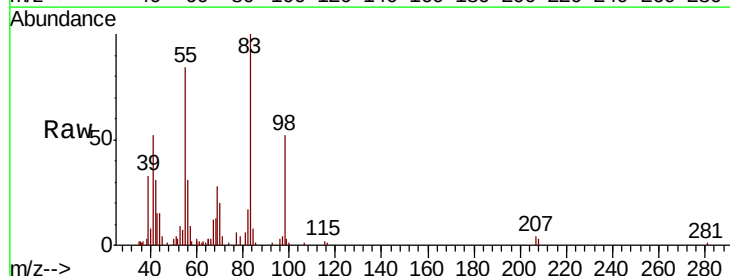
RT: 7.45 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

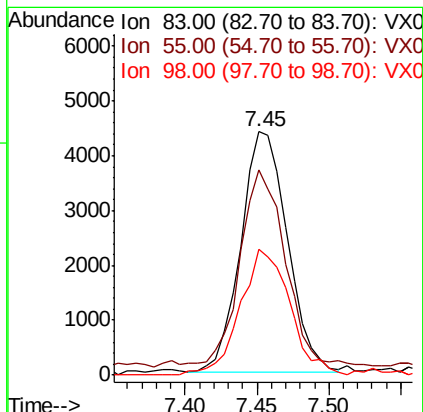
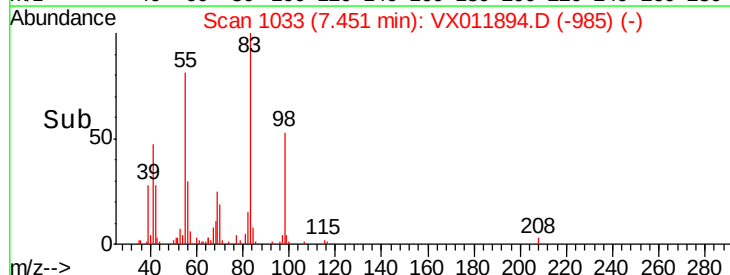
Tgt Ion:	83	Resp:	9784
Ion	Ratio	Lower	Upper
83	100		
55	80.8	59.4	89.0
98	51.2	40.3	60.5

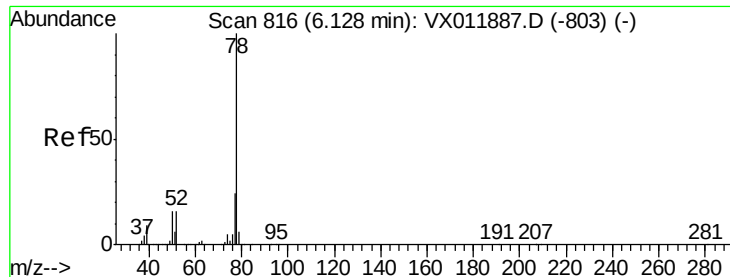


Abundance Ion 83.00 (82.70 to 83.70): VX0

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

Instrument :

MSVOA_X

ClientSampleId :

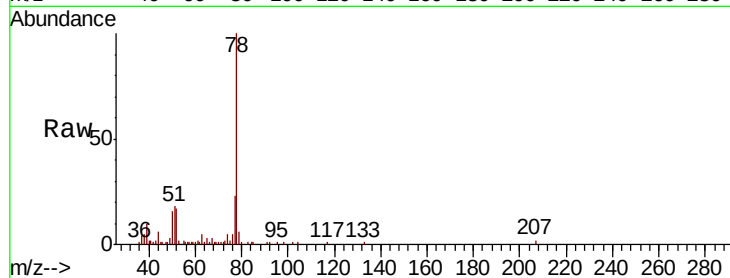
MDL01

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

6.13

12000

10000

8000

6000

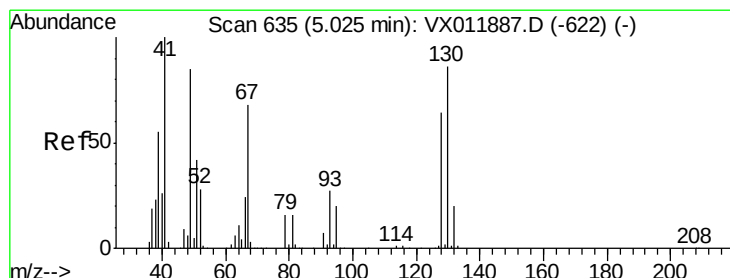
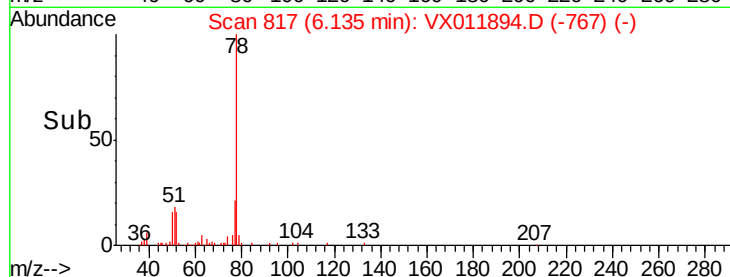
4000

2000

0

Time-->

6.00 6.10 6.20



#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

Tgt Ion: 41 Resp: 3376

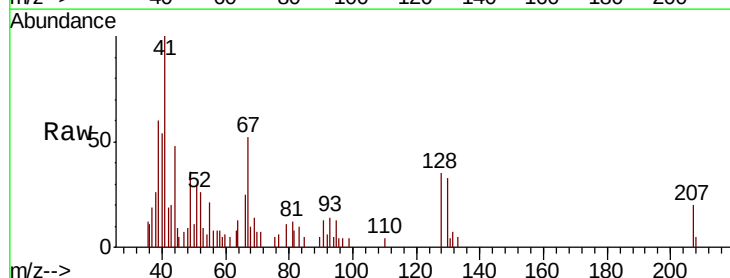
Ion Ratio Lower Upper

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

2500

2000

1500

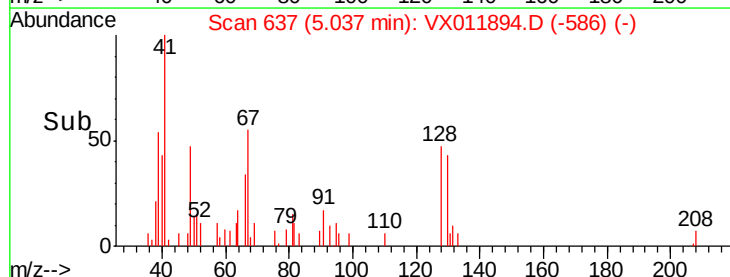
1000

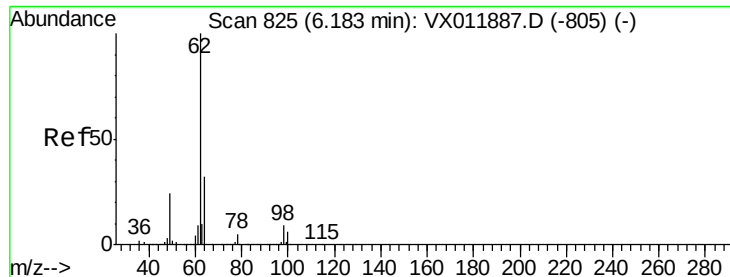
500

0

Time-->

4.95 5.00 5.05 5.10





#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

Instrument :

MSVOA_X

ClientSampleId :

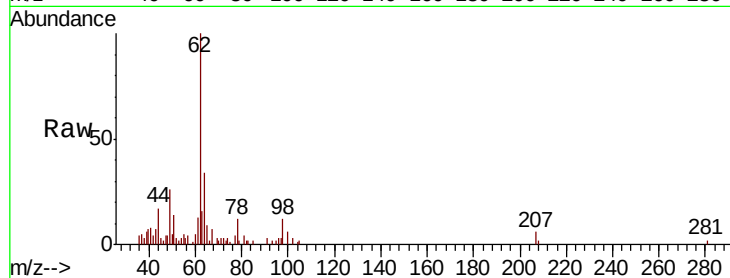
MDL01

Tgt Ion: 62 Resp: 10067

Ion Ratio Lower Upper

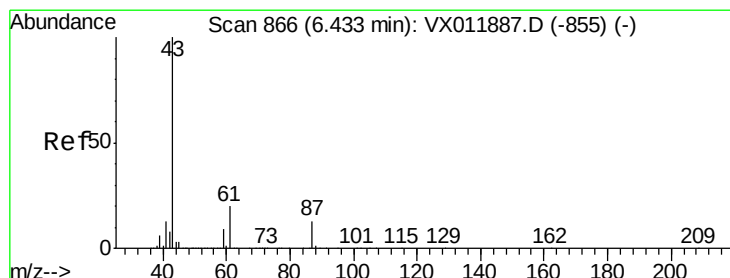
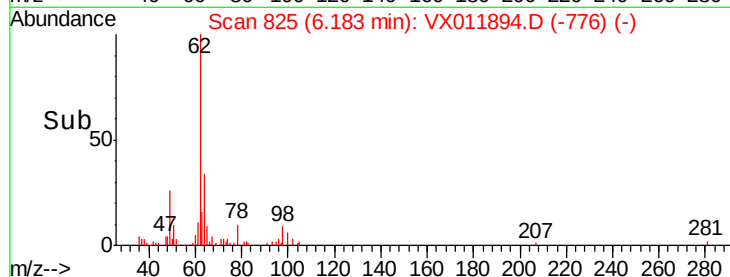
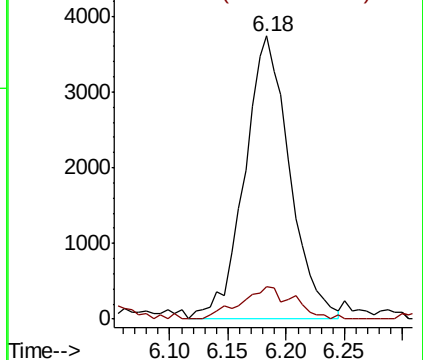
62 100

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

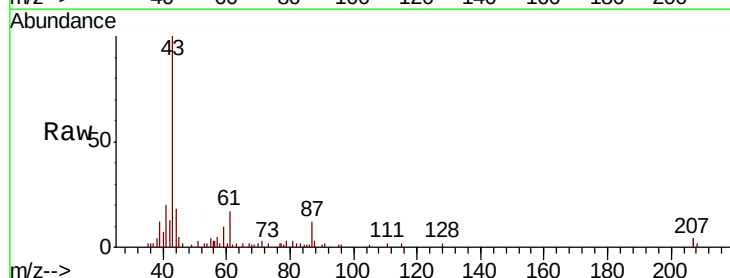
Tgt Ion: 43 Resp: 11331

Ion Ratio Lower Upper

43 100

61 21.8 16.1 24.1

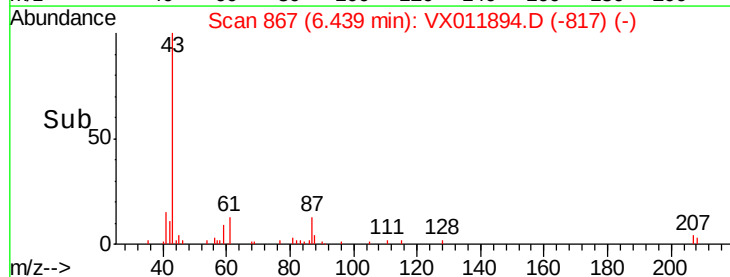
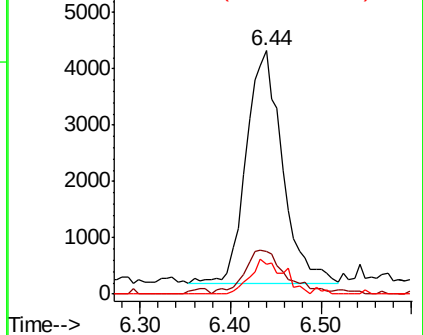
87 14.1 10.6 16.0

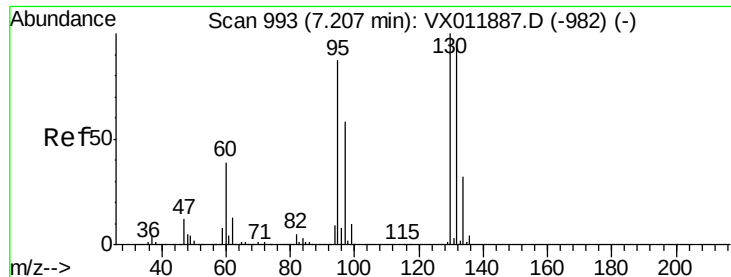


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#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

Instrument :

MSVOA_X

ClientSampled :

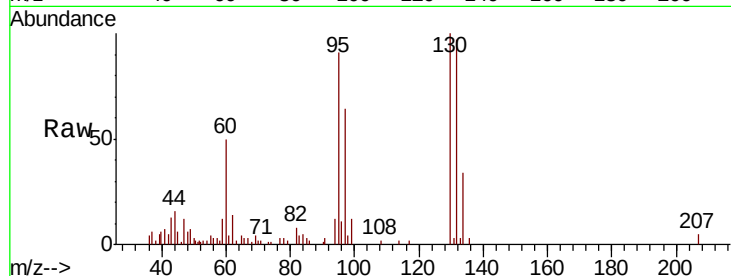
MDL01

Tgt Ion:130 Resp: 8612

Ion Ratio Lower Upper

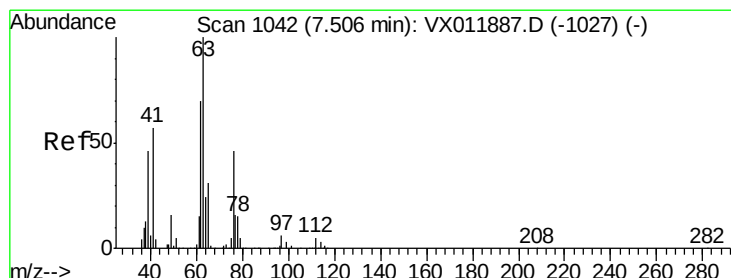
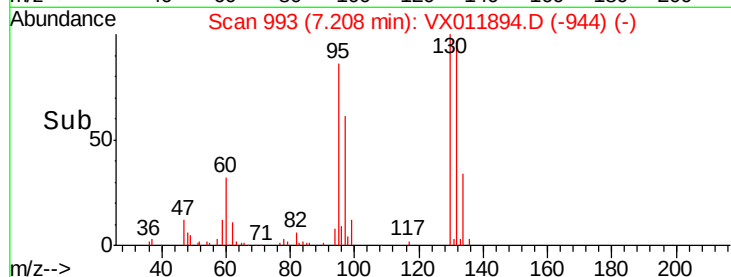
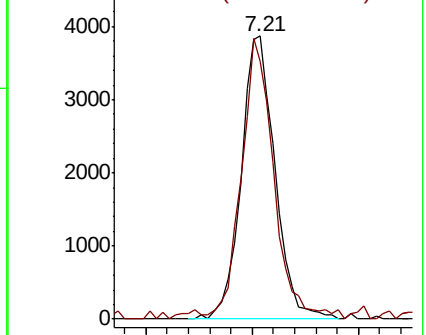
130 100

95 89.1 0.0 174.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#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

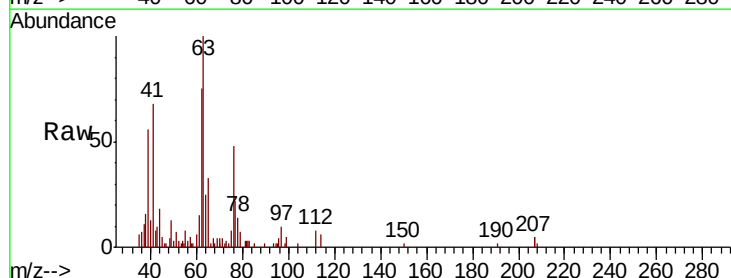
Acq: 30 Aug 2019 02:40

Tgt Ion: 63 Resp: 7930

Ion Ratio Lower Upper

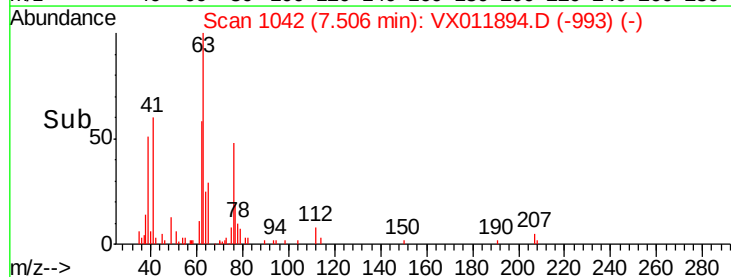
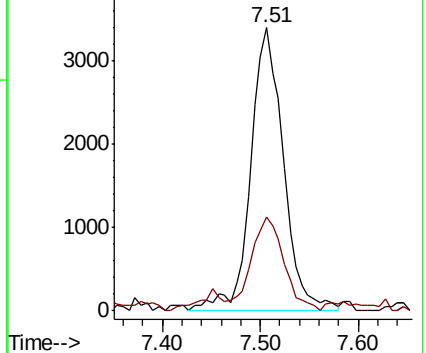
63 100

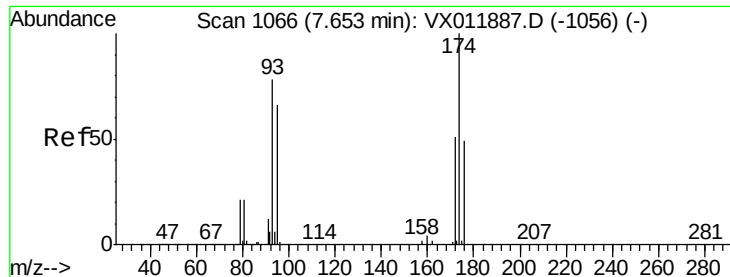
65 31.4 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#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

Instrument :

MSVOA_X

ClientSampleId :

MDL01

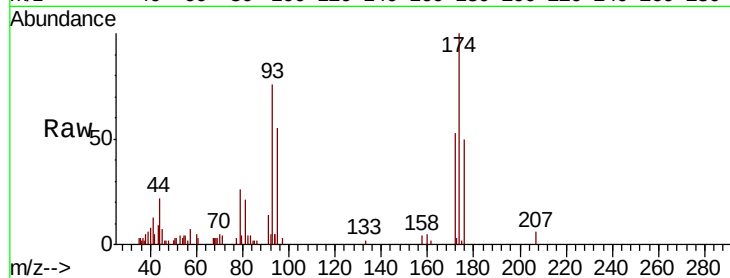
Tgt Ion: 93 Resp: 4562

Ion Ratio Lower Upper

93 100

95 87.6 65.7 98.5

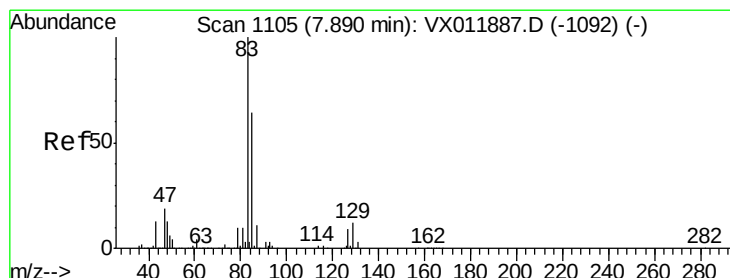
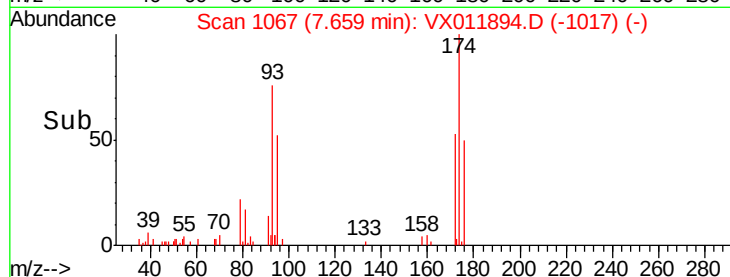
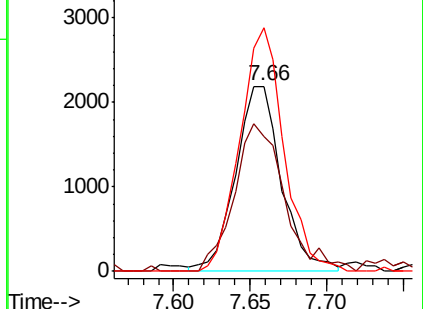
174 126.4 104.2 156.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



#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

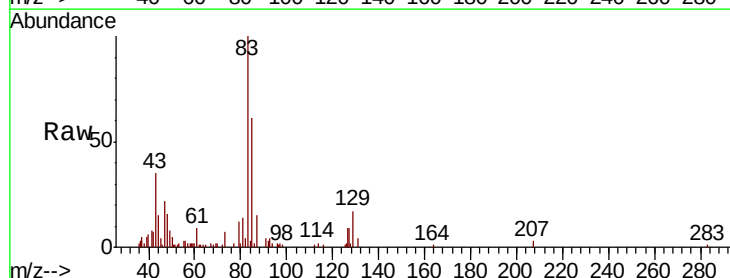
Tgt Ion: 83 Resp: 10916

Ion Ratio Lower Upper

83 100

85 59.8 51.1 76.7

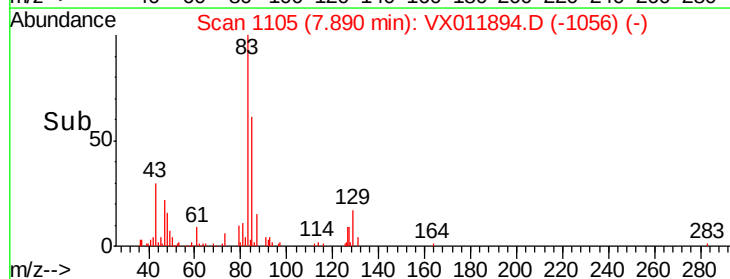
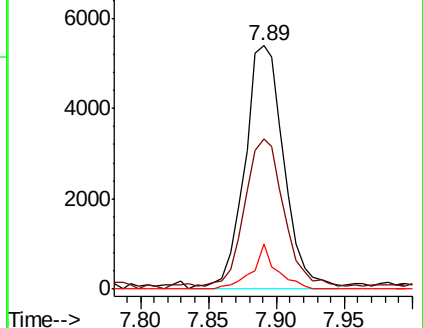
127 18.3 7.4 11.2#

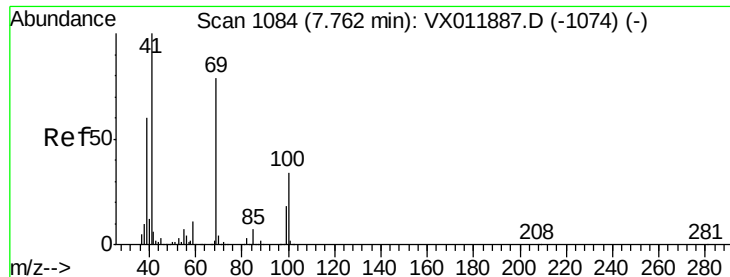


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

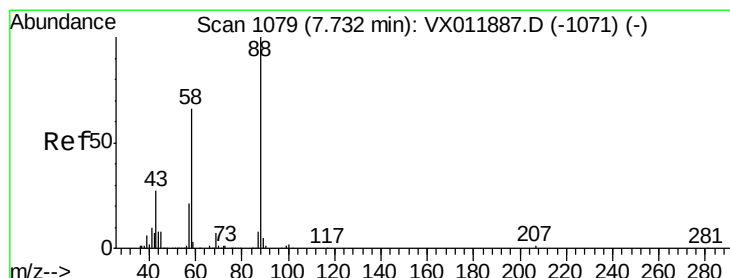
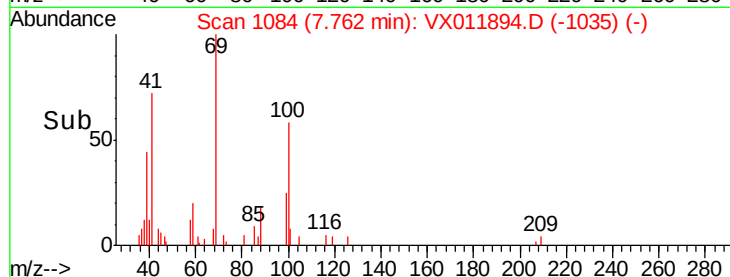
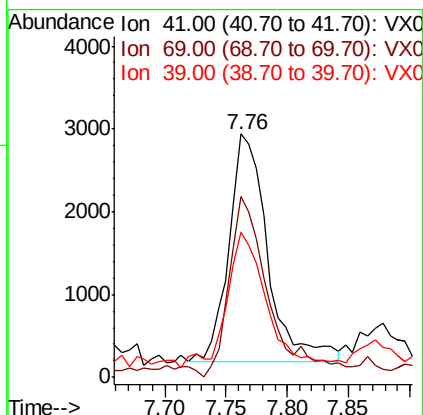
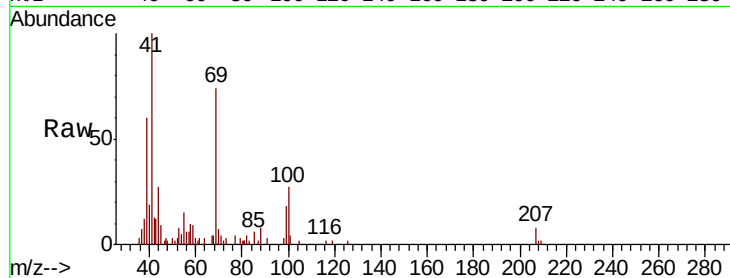




#48
Methyl methacrylate
Concen: 2.780 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.00 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

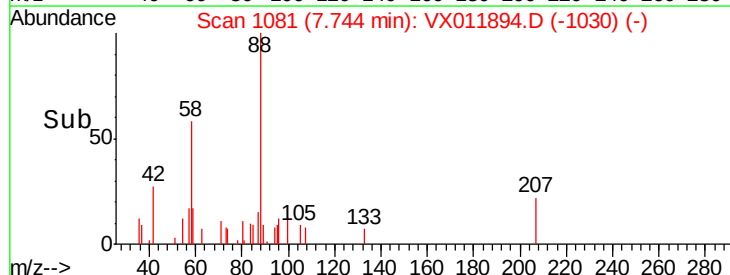
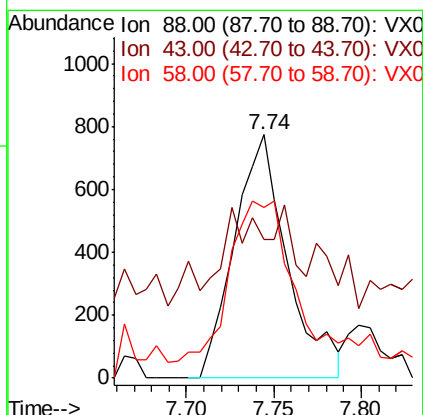
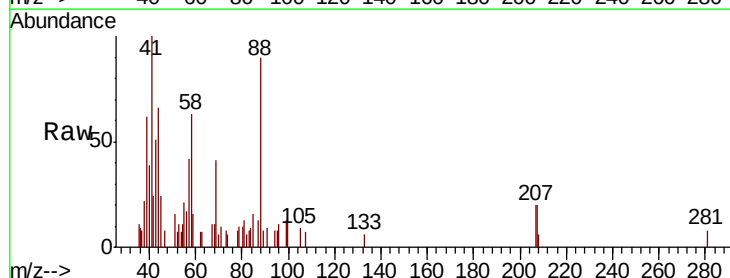
Instrument :
MSVOA_X
ClientSampleId :
MDL01

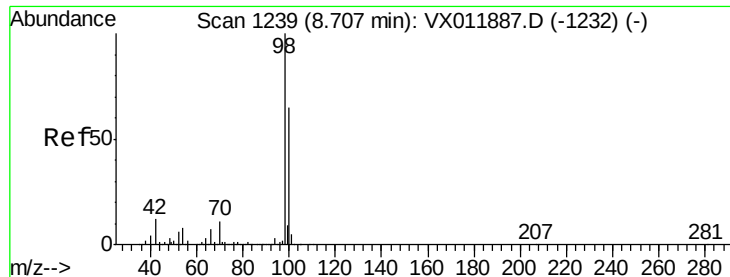
Tgt Ion: 41 Resp: 6005
Ion Ratio Lower Upper
41 100
69 82.6 64.4 96.6
39 61.1 47.2 70.8



#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

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#

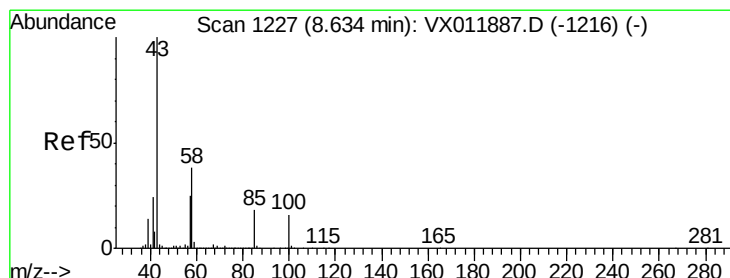
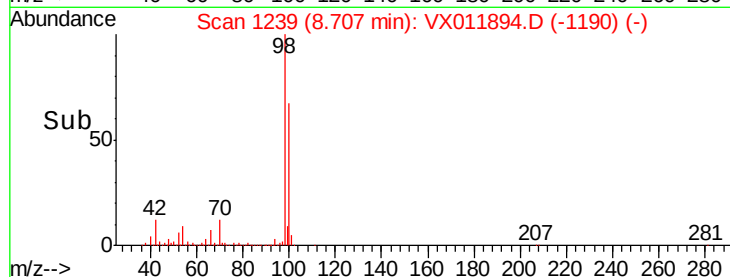
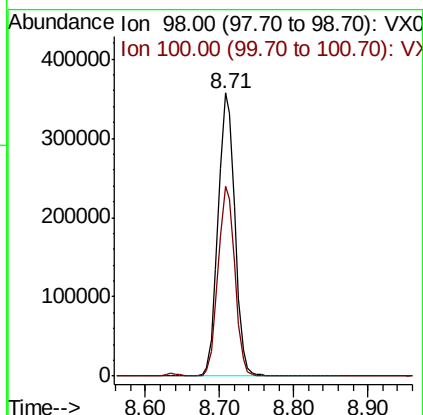
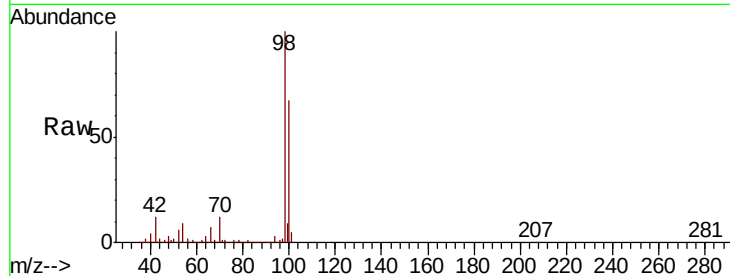




#50
Toluene-d8
Concen: 51.782 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. 0.00 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

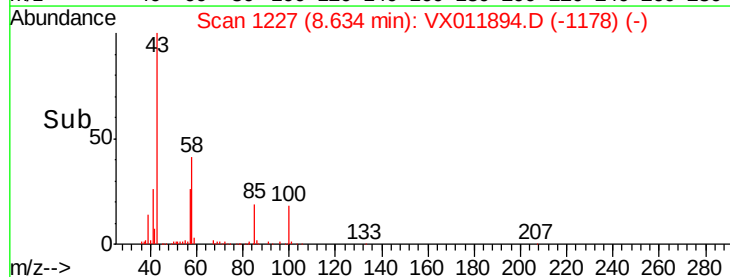
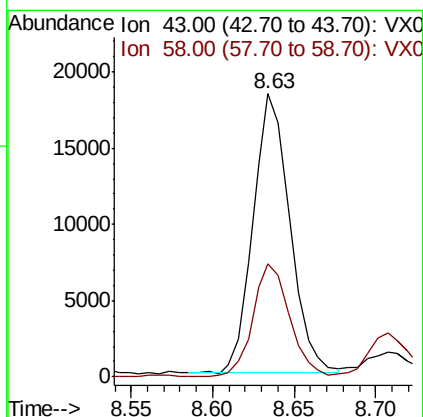
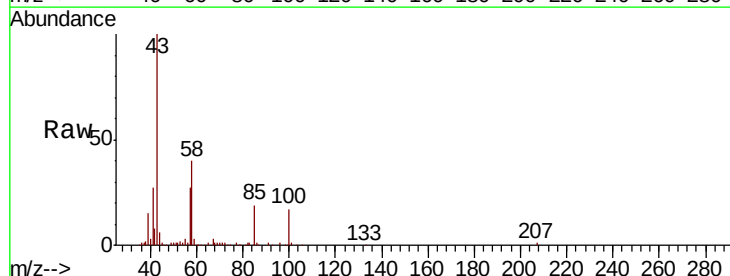
Instrument :
MSVOA_X
ClientSampleId :
MDL01

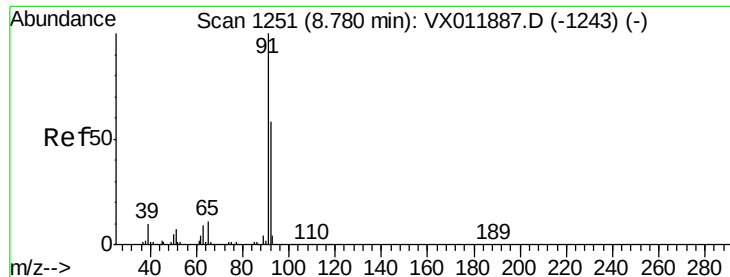
Tgt Ion: 98 Resp: 554315
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6



#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

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

Instrument :

MSVOA_X

ClientSampled :

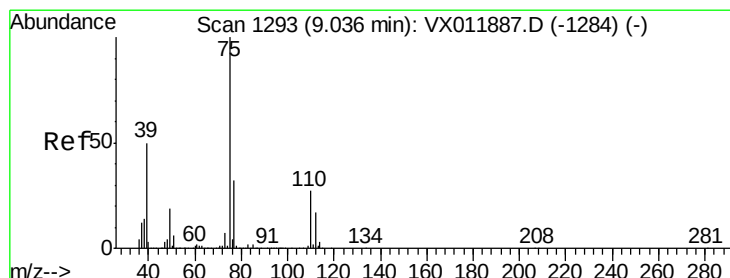
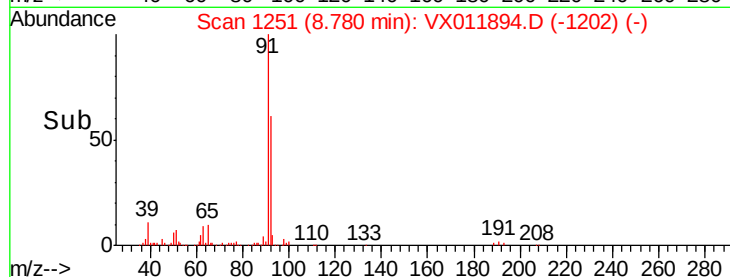
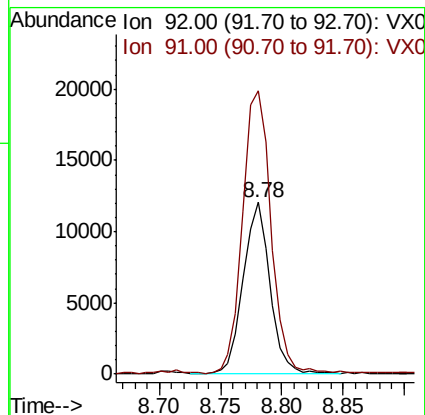
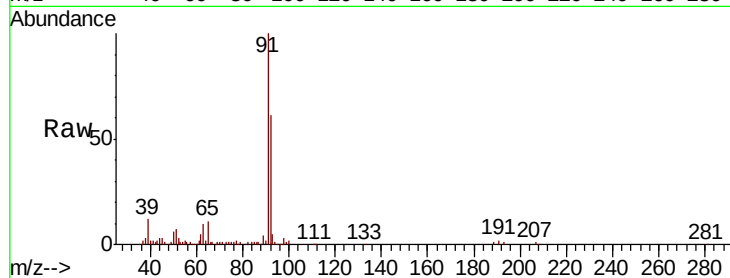
MDL01

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

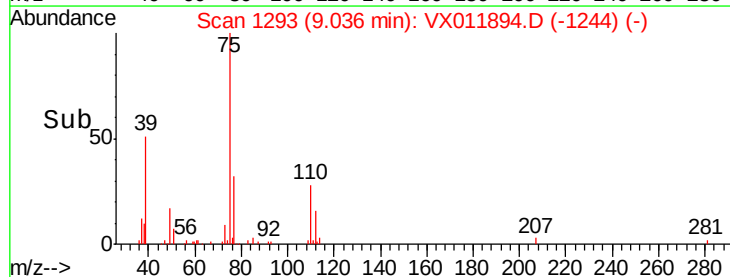
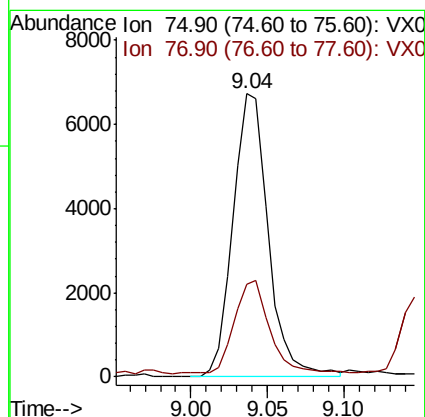
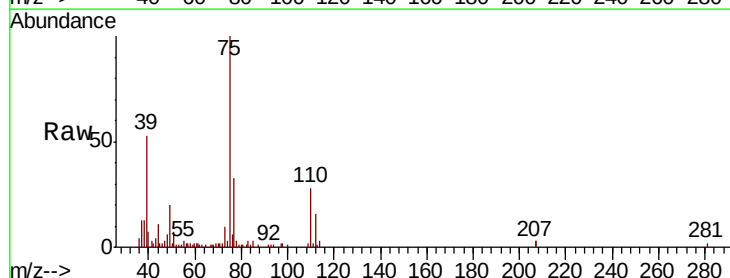
Acq: 30 Aug 2019 02:40

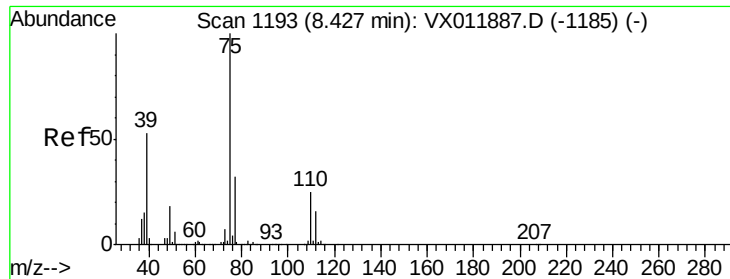
Tgt Ion: 75 Resp: 10795

Ion Ratio Lower Upper

75 100

77 30.9 25.6 38.4



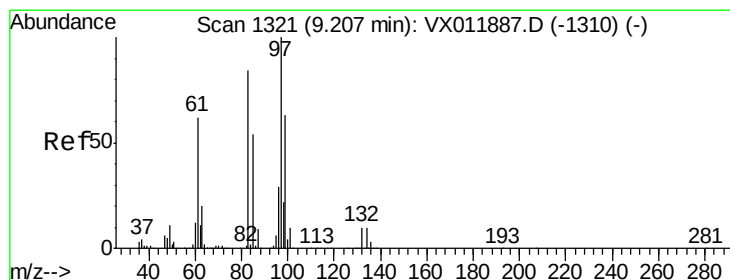
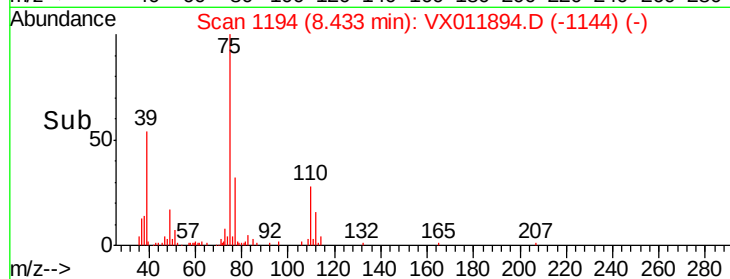
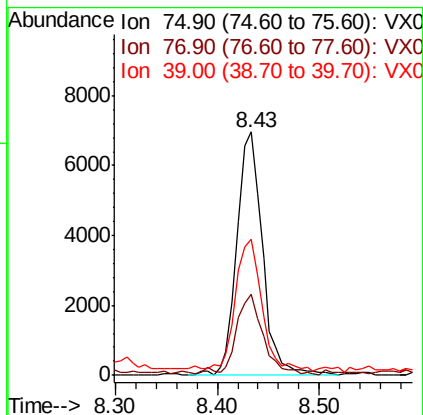
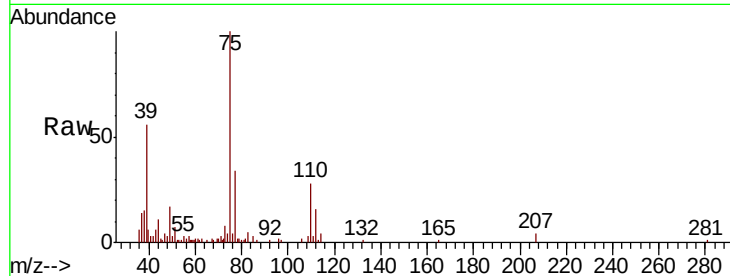


#54

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

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

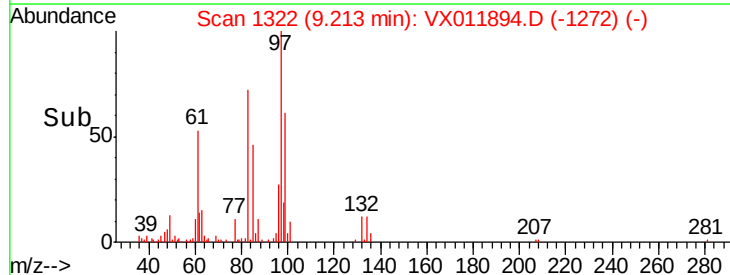
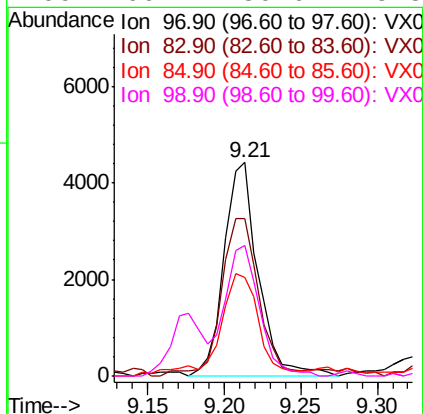
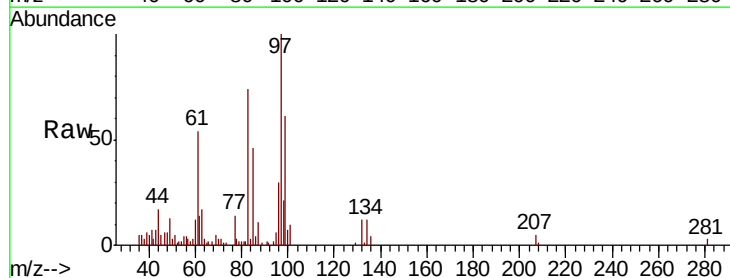
Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.5	38.3
39	53.2	42.6	64.0

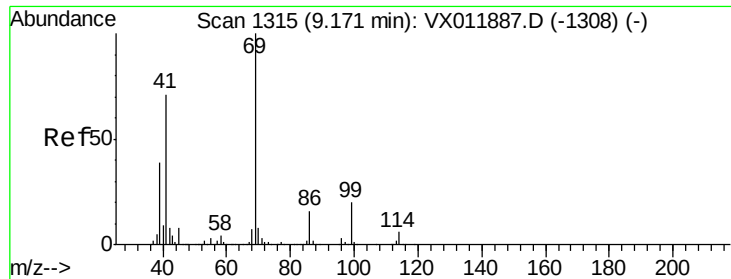


#55

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

Tgt 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





#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

Instrument :

MSVOA_X

ClientSampled :

MDL01

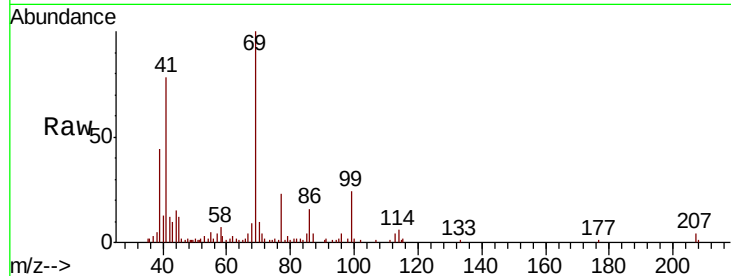
Tgt Ion: 69 Resp: 8283

Ion Ratio Lower Upper

69 100

41 75.4 55.8 83.8

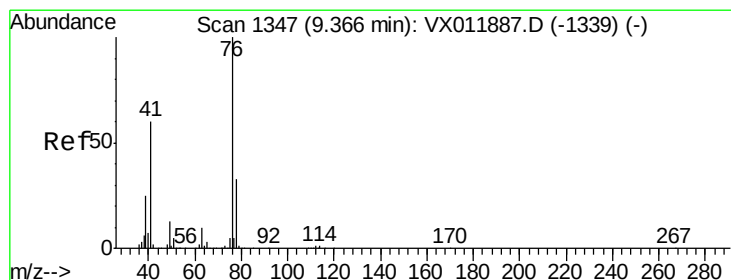
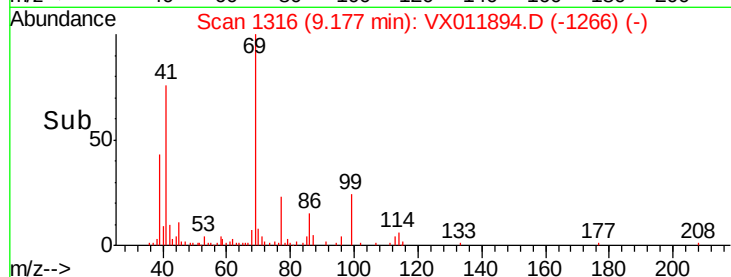
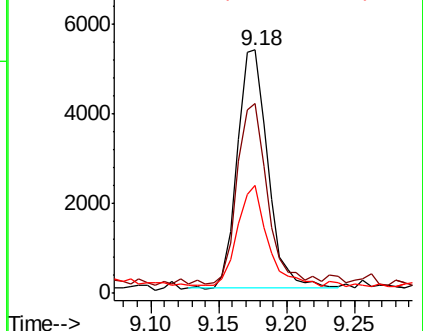
39 42.0 31.1 46.7



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

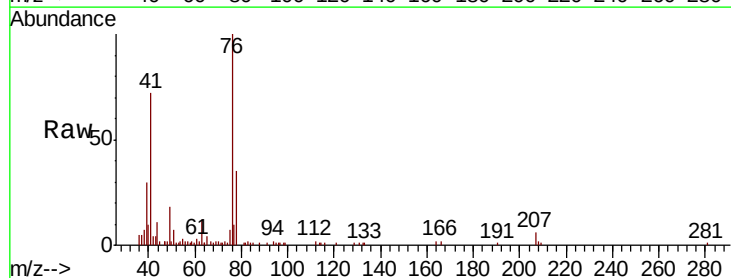
Acq: 30 Aug 2019 02:40

Tgt Ion: 76 Resp: 10839

Ion Ratio Lower Upper

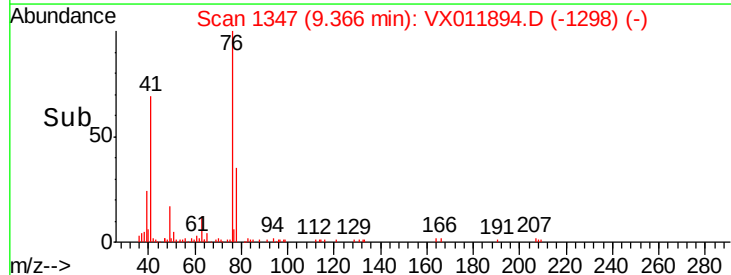
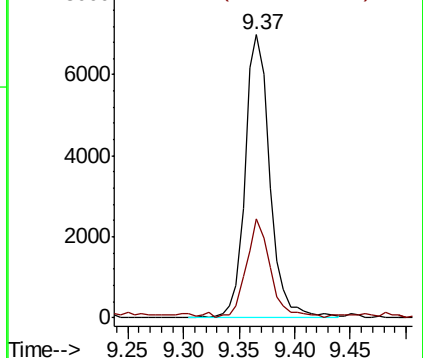
76 100

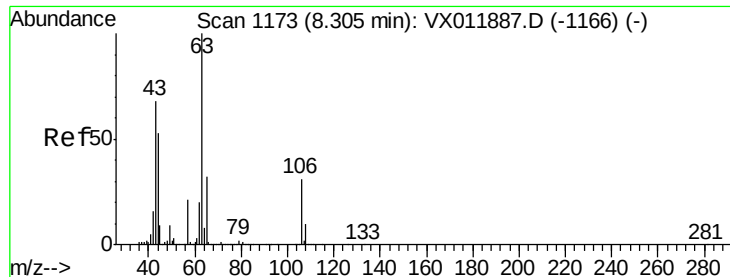
78 34.0 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

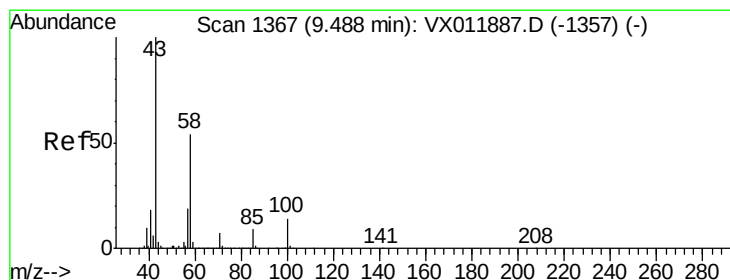
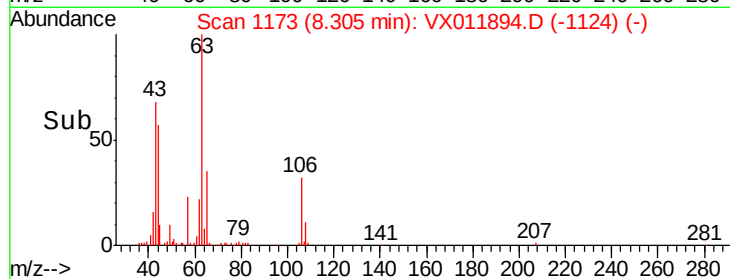
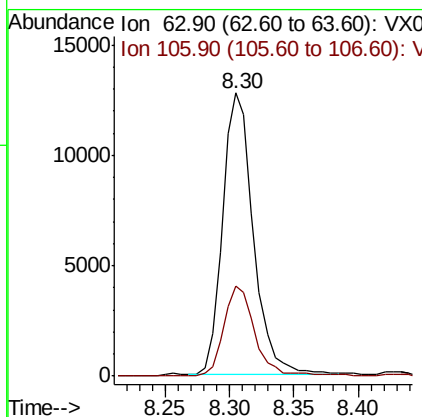
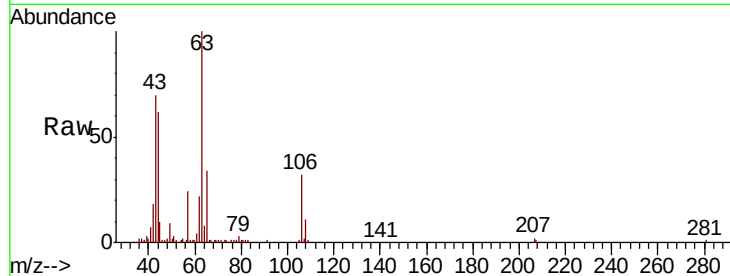




#58
 2-Chloroethyl Vinyl ether
 Concen: 12.837 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

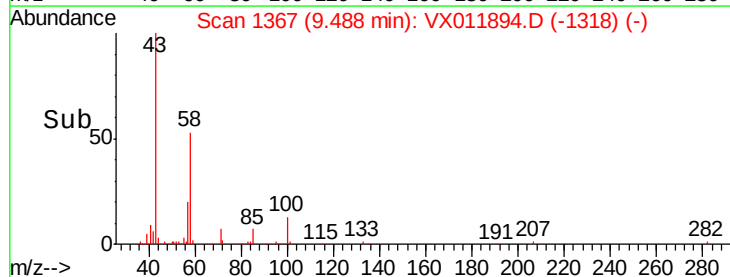
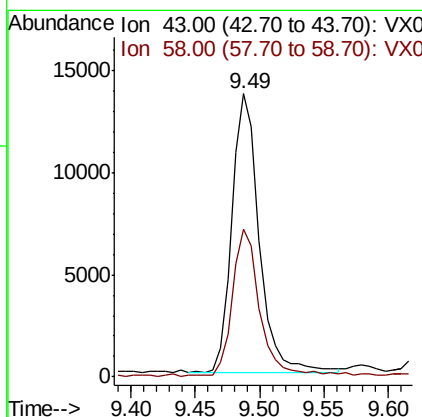
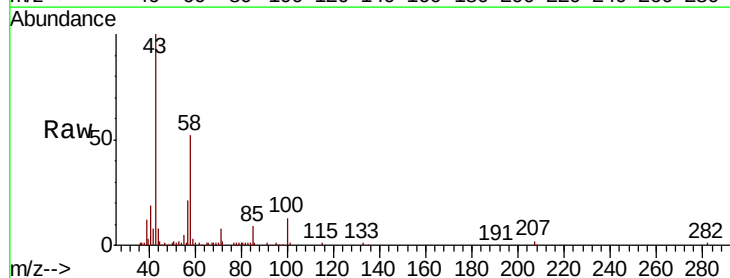
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

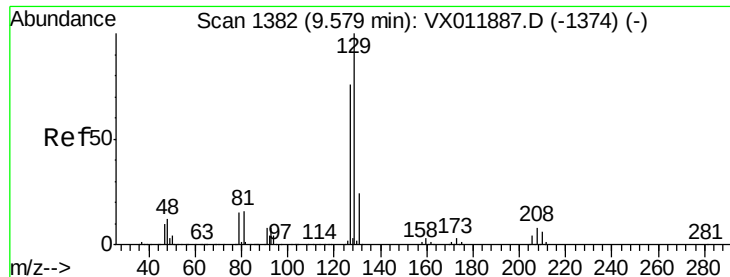
Tgt Ion: 63 Resp: 21297
 Ion Ratio Lower Upper
 63 100
 106 32.2 24.8 37.2



#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

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

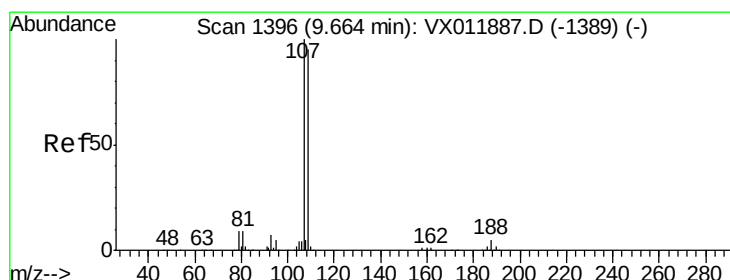
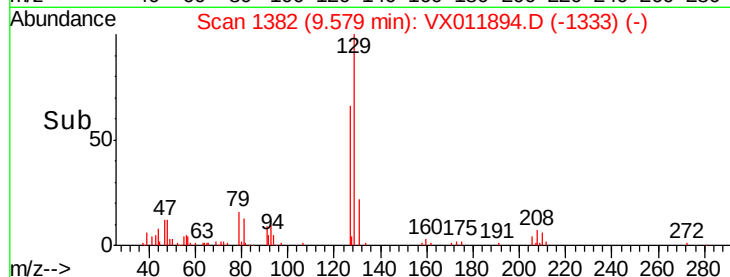
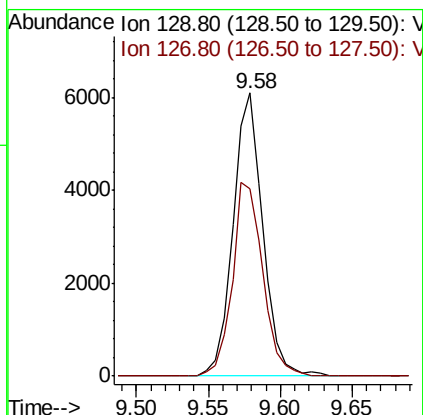
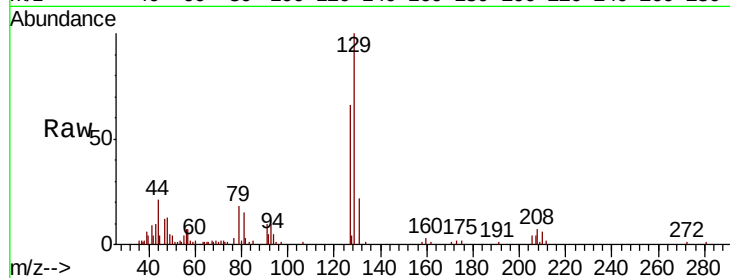




#60
 Dibromochloromethane
 Concen: 2.616 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

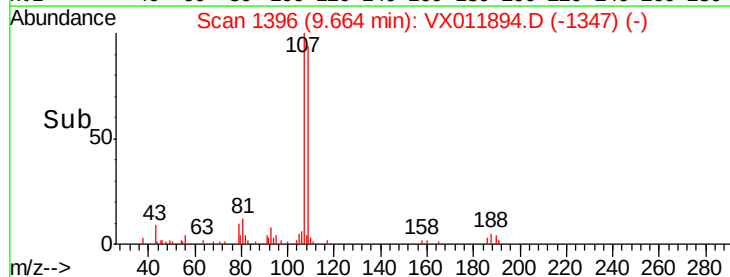
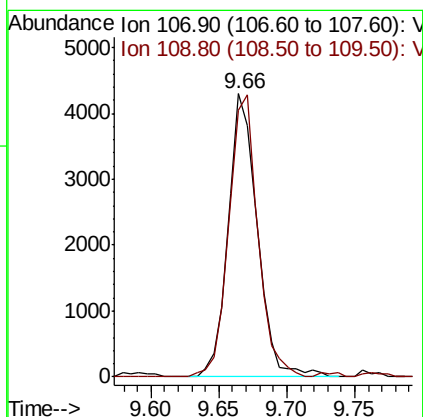
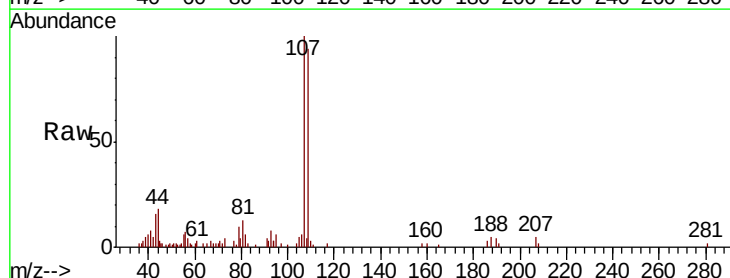
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

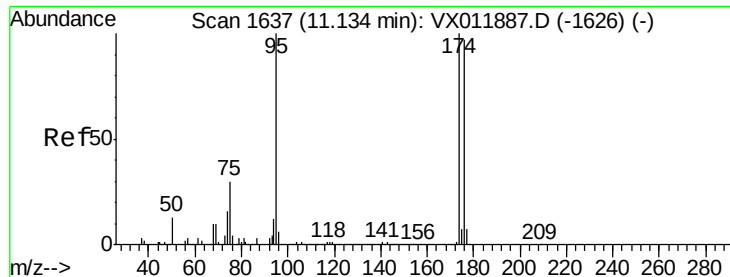
Tgt Ion:129 Resp: 8817
 Ion Ratio Lower Upper
 129 100
 127 69.6 38.6 115.7



#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

Tgt Ion:107 Resp: 6386
 Ion Ratio Lower Upper
 107 100
 109 99.7 75.3 112.9





#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

Instrument :

MSVOA_X

ClientSampleId :

MDL01

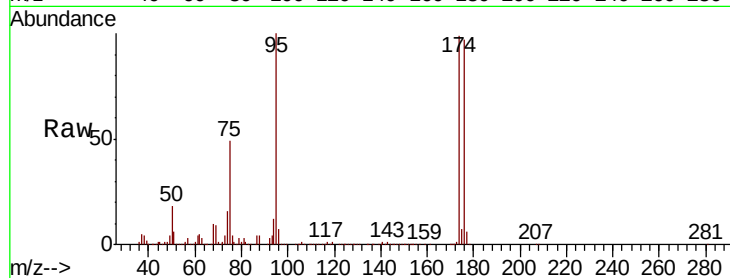
Tgt Ion: 95 Resp: 230100

Ion Ratio Lower Upper

95 100

174 98.5 0.0 196.0

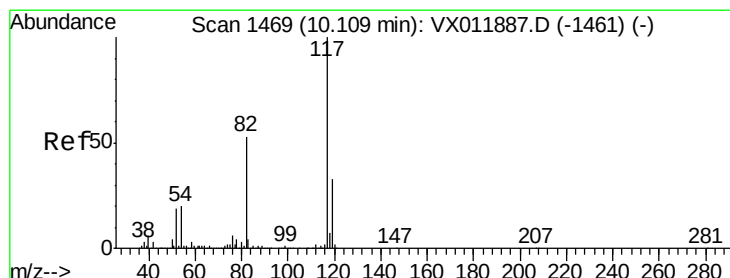
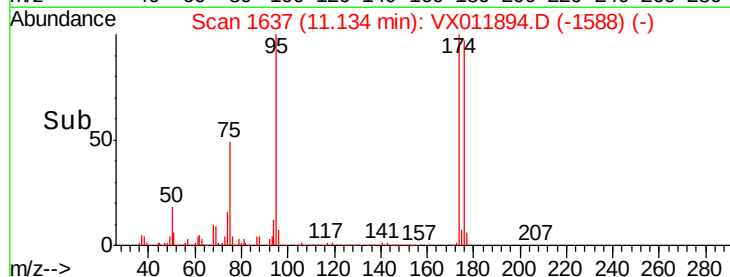
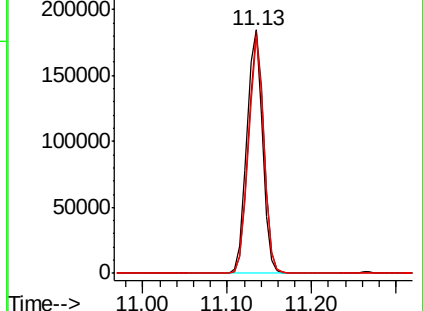
176 95.5 0.0 191.4



Abundance Ion 94.90 (94.60 to 95.60): VX011887.D (-1626) (-)

Ion 173.80 (173.50 to 174.50): VX011887.D (-1626) (-)

Ion 175.80 (175.50 to 176.50): VX011887.D (-1626) (-)



#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

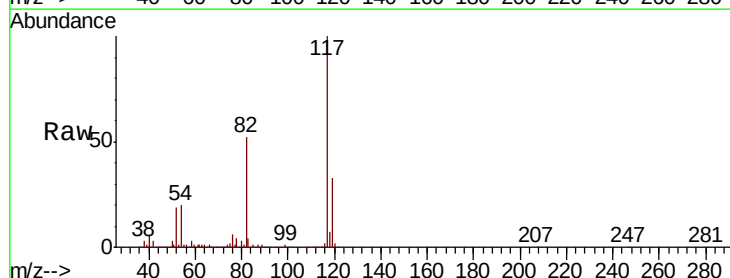
Tgt Ion: 117 Resp: 448511

Ion Ratio Lower Upper

117 100

82 52.4 42.0 63.0

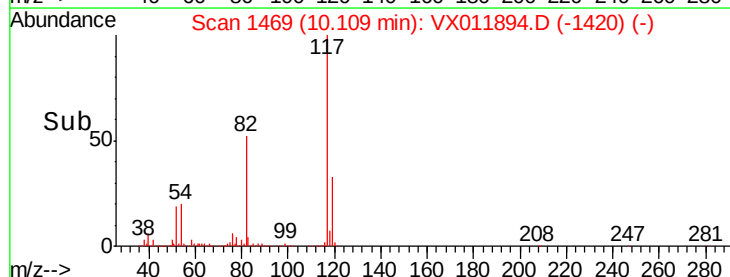
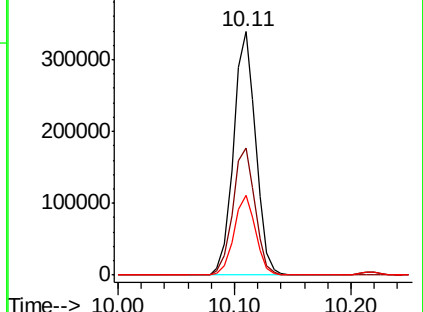
119 32.7 26.2 39.4

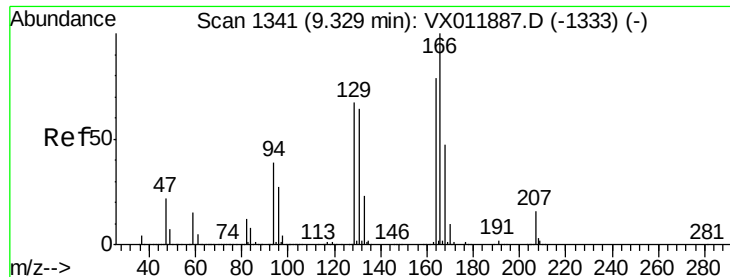


Abundance Ion 116.90 (116.60 to 117.60): VX011887.D (-1461) (-)

Ion 82.00 (81.70 to 82.70): VX011887.D (-1461) (-)

Ion 118.90 (118.60 to 119.60): VX011887.D (-1461) (-)





#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

Instrument :

MSVOA_X

ClientSampleId :

MDL01

Tgt Ion:164 Resp: 9432

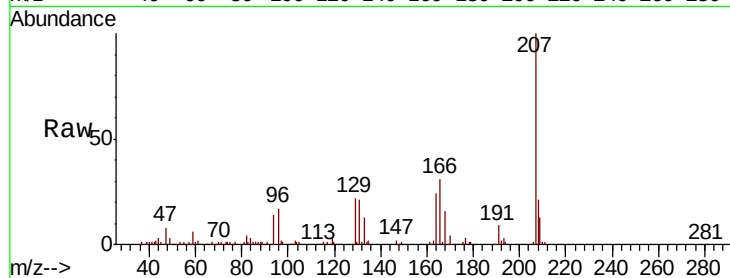
Ion Ratio Lower Upper

164 100

166 131.0 101.4 152.0

129 90.5 68.0 102.0

131 86.8 64.7 97.1

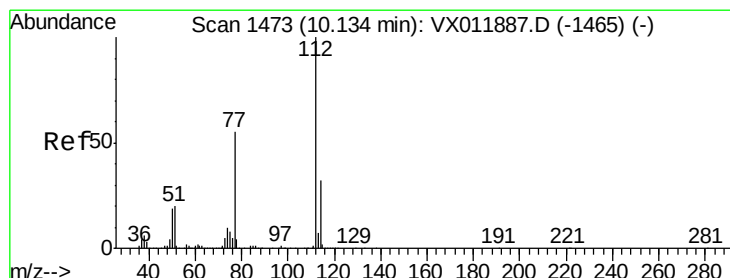
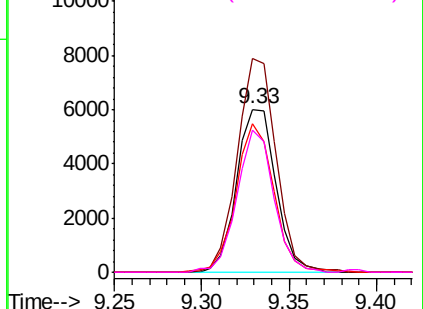
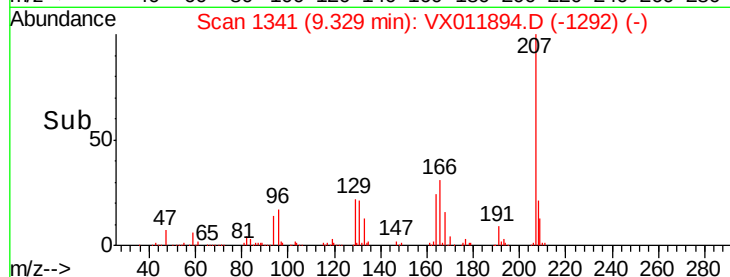


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 2.514 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011894.D

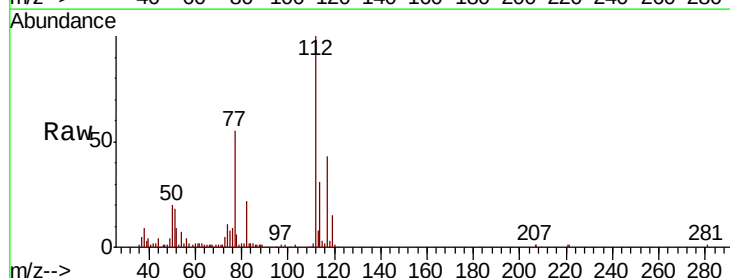
Acq: 30 Aug 2019 02:40

Tgt Ion:112 Resp: 21847

Ion Ratio Lower Upper

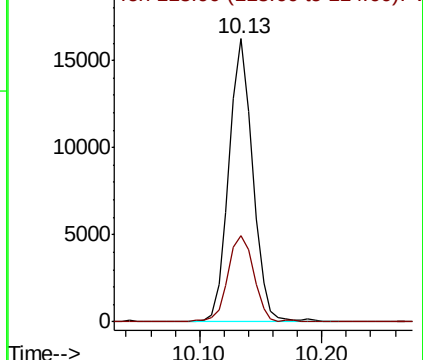
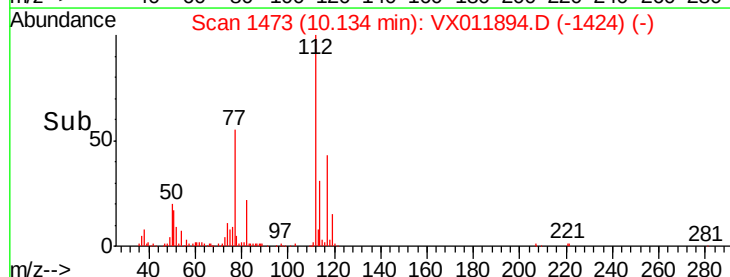
112 100

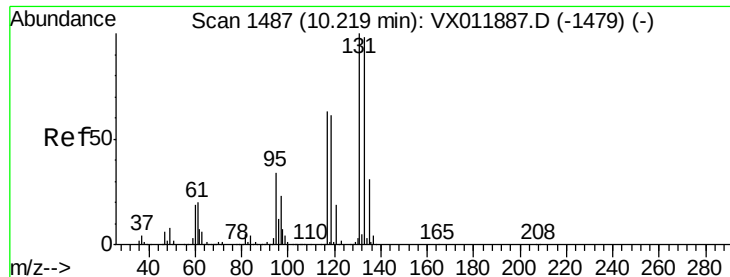
114 30.6 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#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

Instrument :

MSVOA_X

ClientSampleId :

MDL01

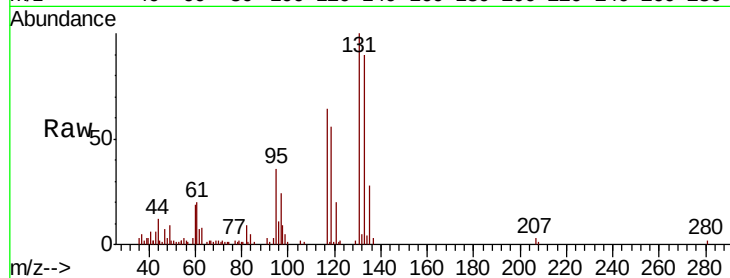
Tgt Ion: 131 Resp: 8957

Ion Ratio Lower Upper

131 100

133 94.3 48.4 145.0

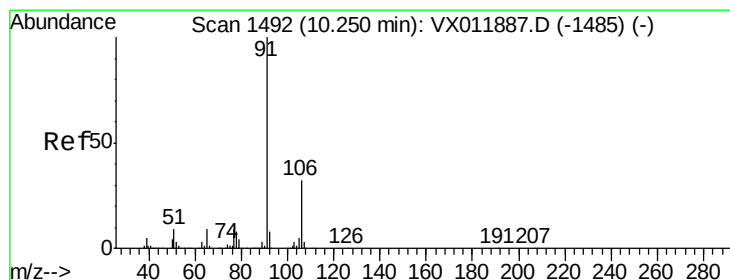
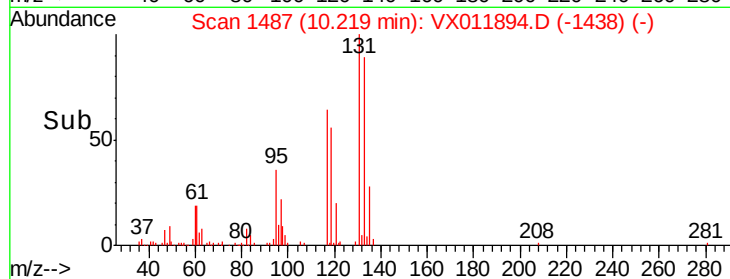
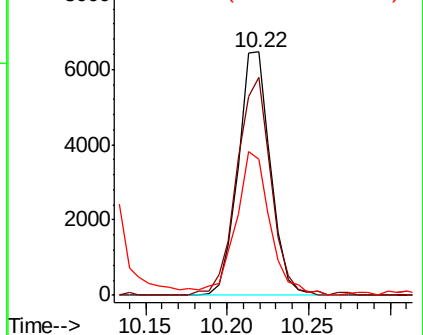
119 62.2 30.6 92.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 2.437 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011894.D

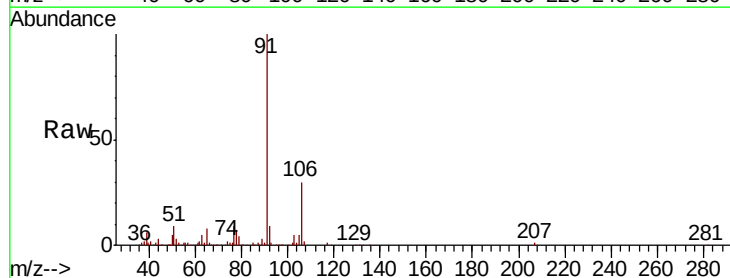
Acq: 30 Aug 2019 02:40

Tgt Ion: 91 Resp: 36030

Ion Ratio Lower Upper

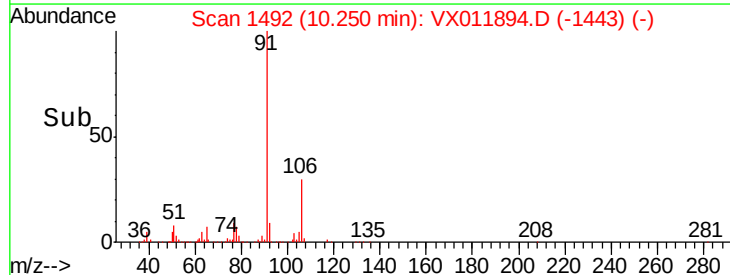
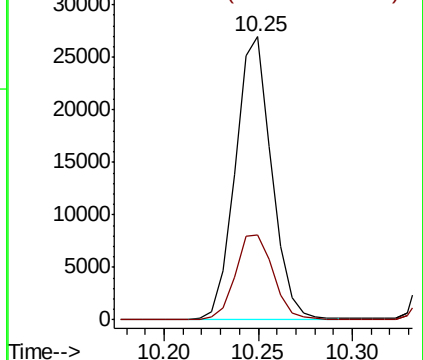
91 100

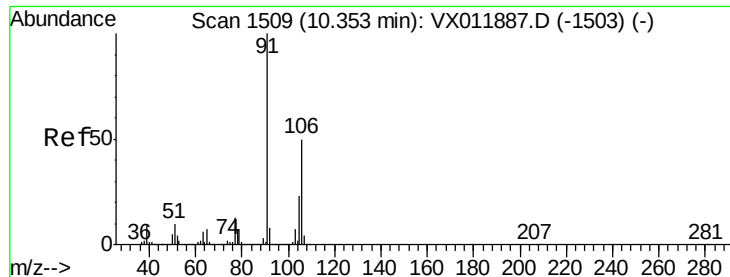
106 30.2 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

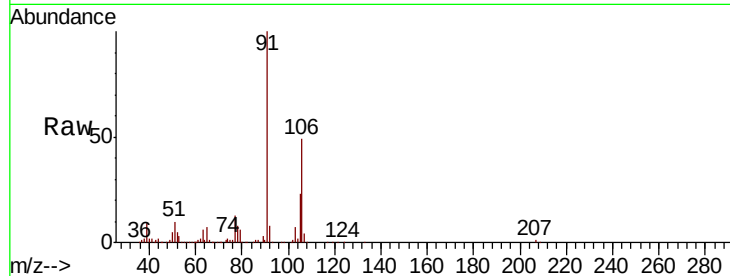




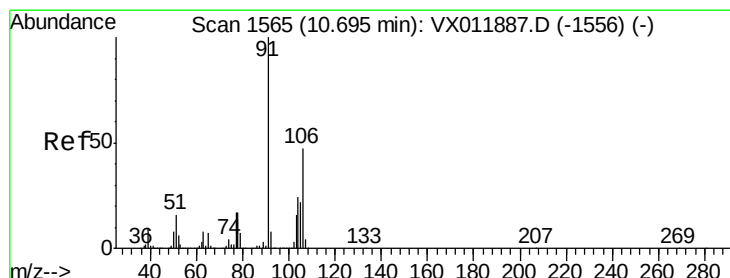
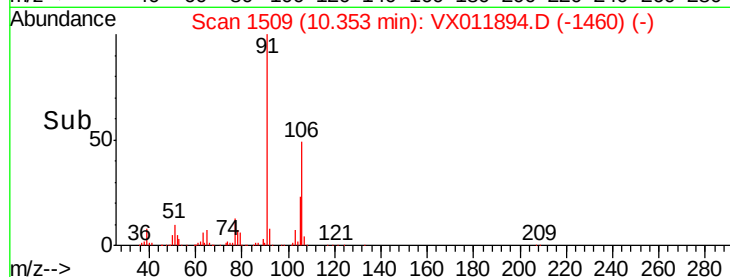
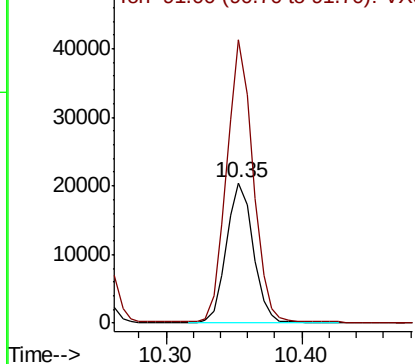
#68
m/p-Xylenes
Concen: 4.958 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

Instrument :
MSVOA_X
ClientSampleId :
MDL01

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

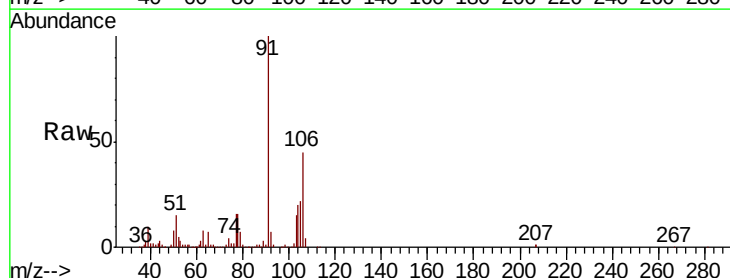


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

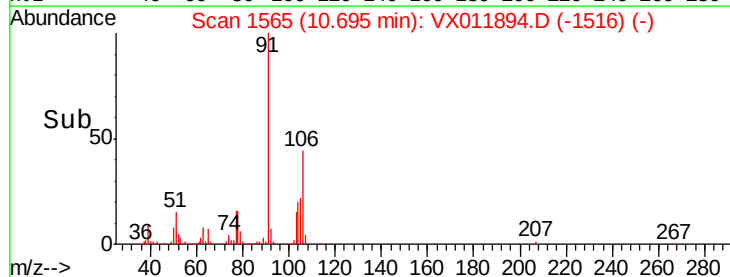
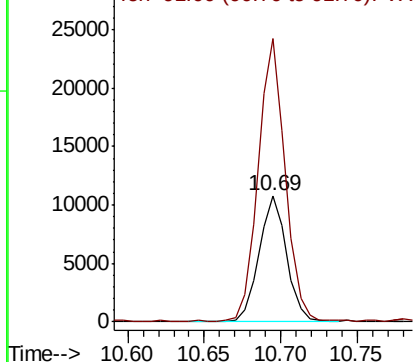


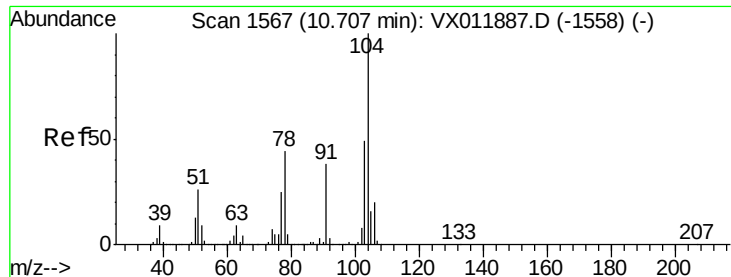
#69
o-Xylene
Concen: 2.450 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

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



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





#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

Instrument :

MSVOA_X

ClientSampleId :

MDL01

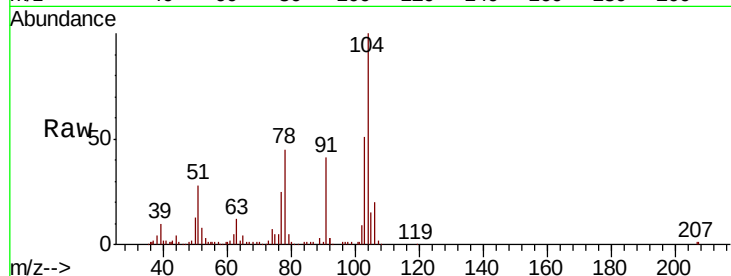
Tgt Ion:104 Resp: 23568

Ion Ratio Lower Upper

104 100

78 51.3 39.2 58.8

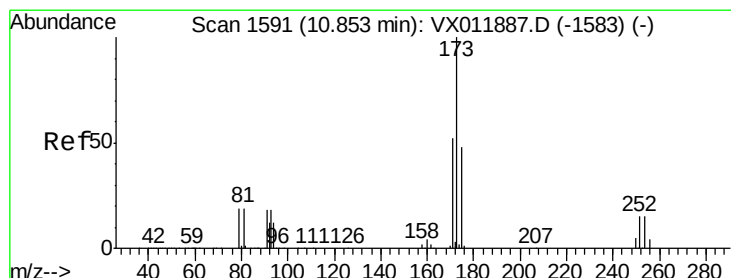
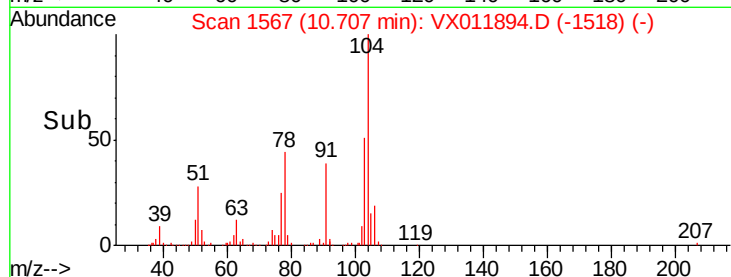
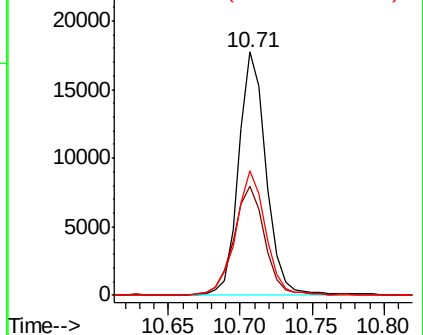
103 56.1 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 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

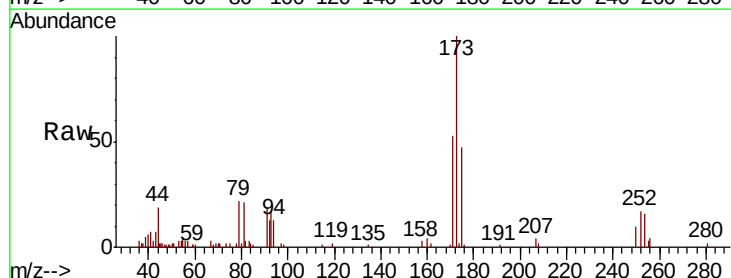
Tgt Ion:173 Resp: 5899

Ion Ratio Lower Upper

173 100

175 49.1 24.4 73.2

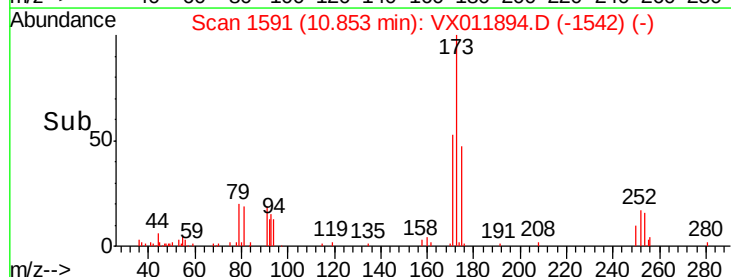
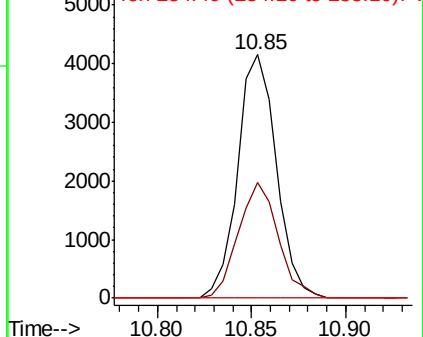
254 0.0 0.1 0.1#

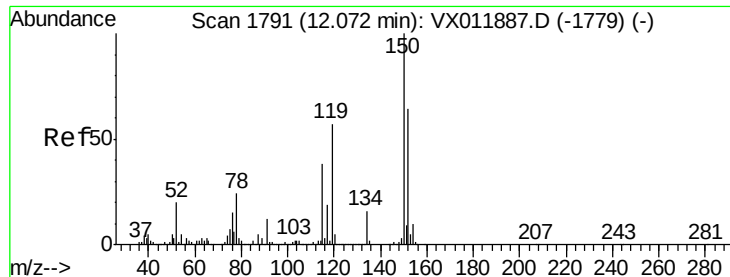


Abundance Ion 172.70 (172.40 to 173.40): V

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

Instrument :

MSVOA_X

ClientSampleId :

MDL01

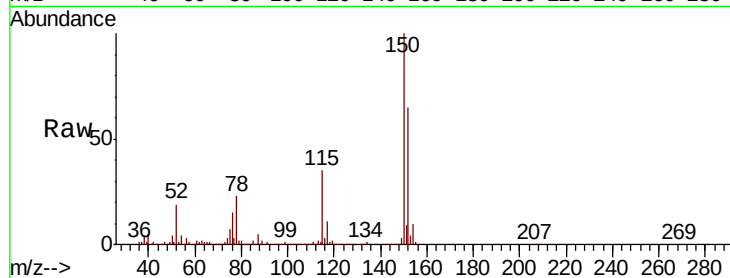
Tgt Ion:152 Resp: 259423

Ion Ratio Lower Upper

152 100

115 54.3 37.1 111.3

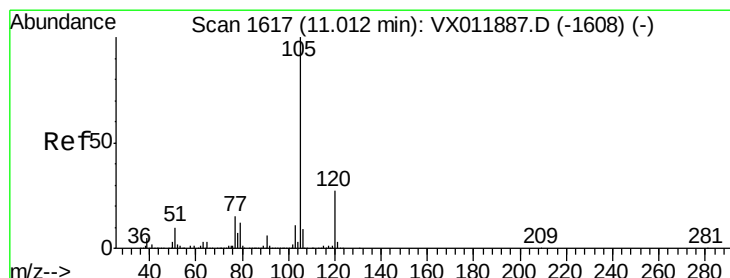
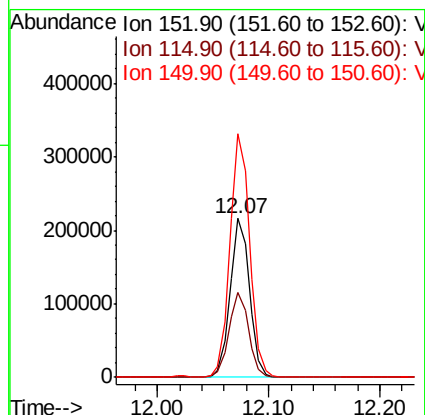
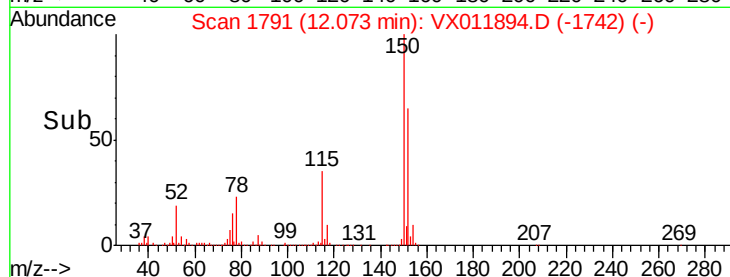
150 156.0 0.0 339.6



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

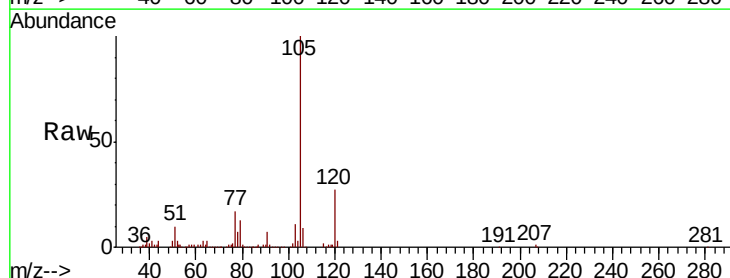
Acq: 30 Aug 2019 02:40

Tgt Ion:105 Resp: 35283

Ion Ratio Lower Upper

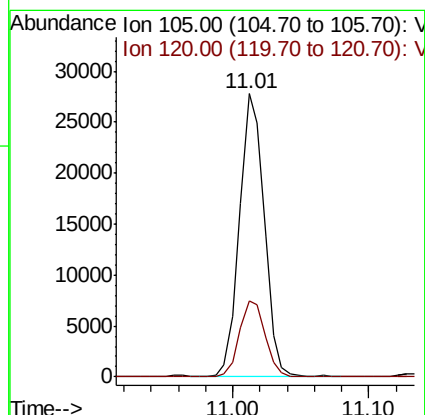
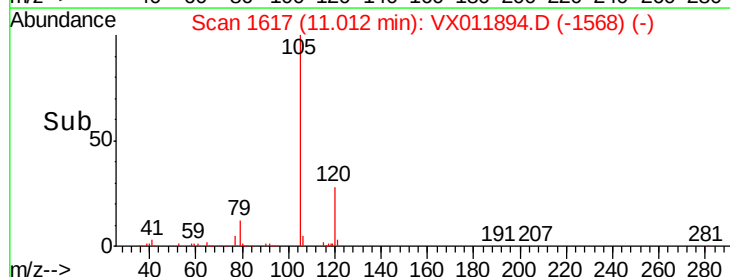
105 100

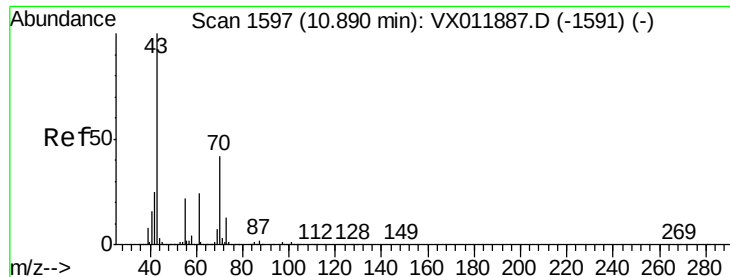
120 27.9 13.8 41.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#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

Instrument :

MSVOA_X

ClientSampleId :

MDL01

Tgt Ion: 43 Resp: 10550

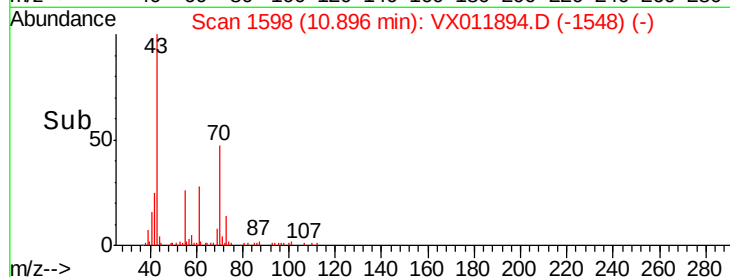
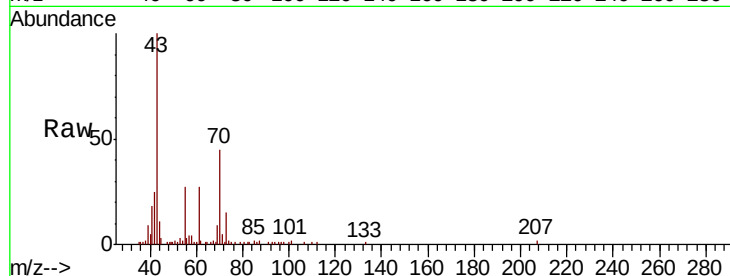
Ion Ratio Lower Upper

43 100

70 44.9 0.2 0.2#

55 24.2 0.1 0.1#

61 28.9 16.4 24.6#

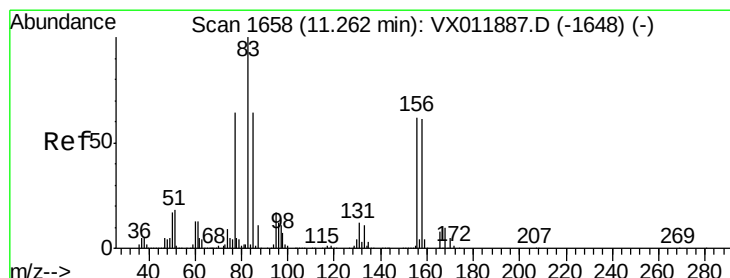
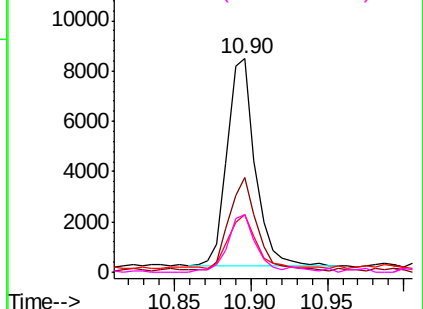


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#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

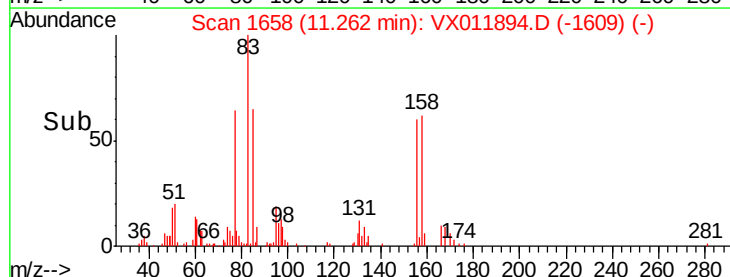
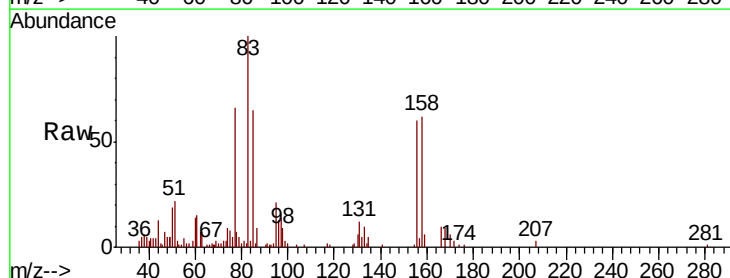
Tgt Ion: 83 Resp: 8215

Ion Ratio Lower Upper

83 100

131 13.0 6.0 18.0

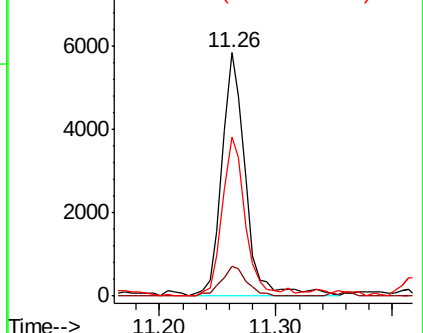
85 62.9 31.9 95.9

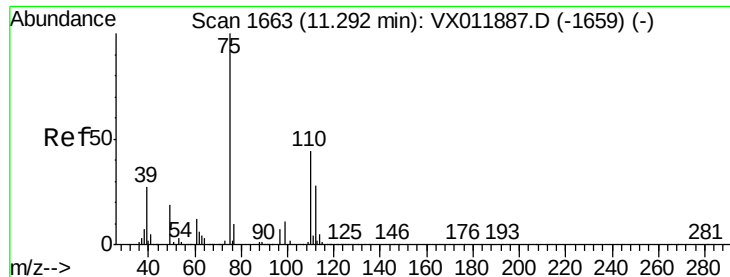


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 3.025 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

Instrument :

MSVOA_X

ClientSampleId :

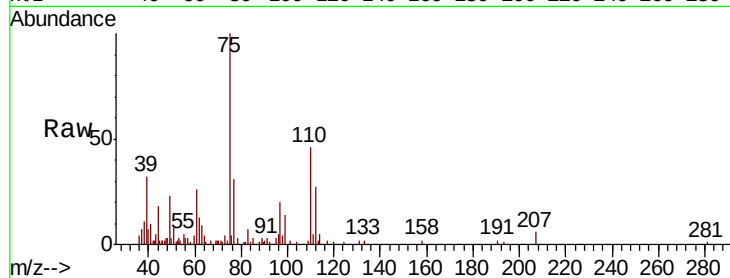
MDL01

Tgt Ion: 75 Resp: 7720

Ion Ratio Lower Upper

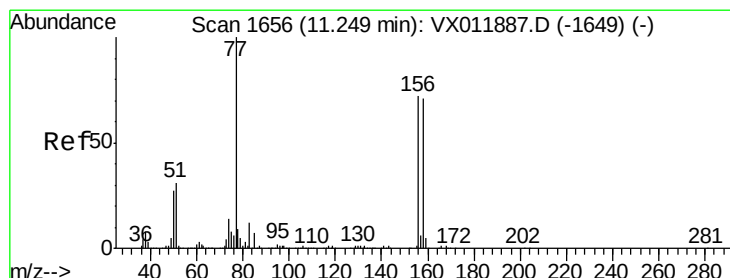
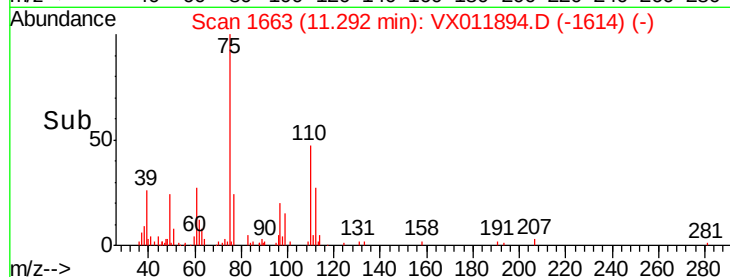
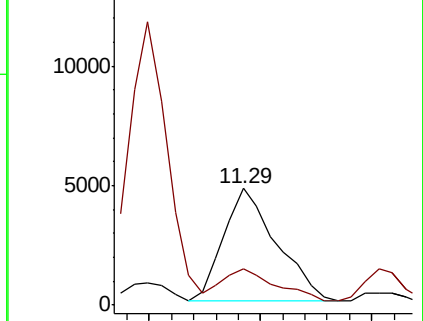
75 100

77 33.9 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#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

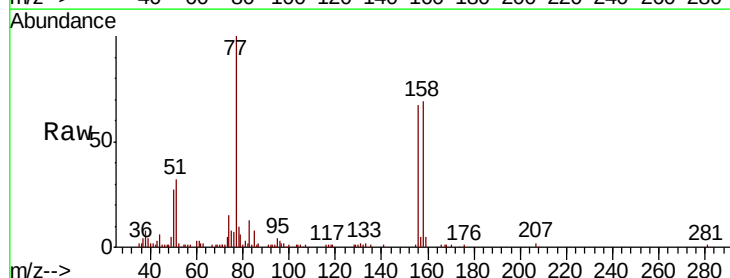
Tgt Ion: 156 Resp: 10480

Ion Ratio Lower Upper

156 100

77 142.2 68.1 204.3

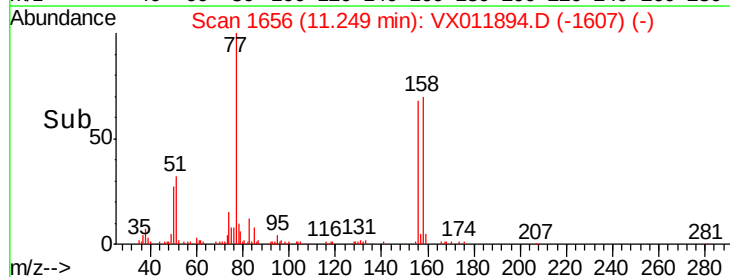
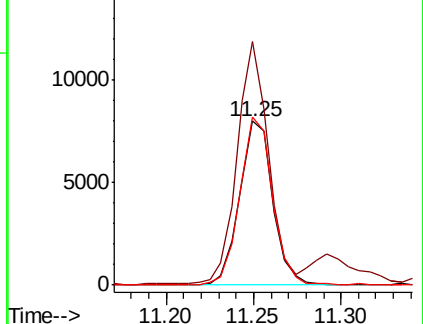
158 101.4 48.9 146.8

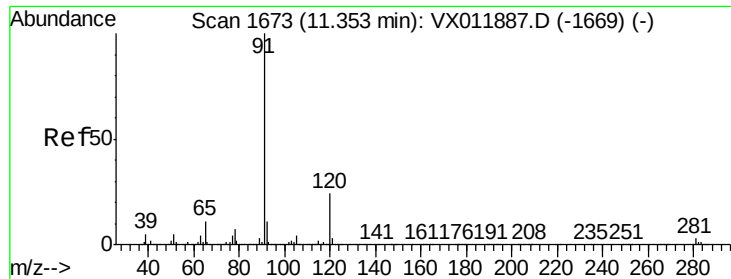


Abundance Ion 155.80 (155.50 to 156.50): V

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

Instrument :

MSVOA_X

ClientSampleId :

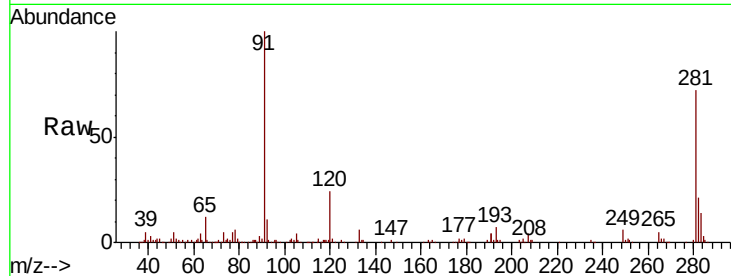
MDL01

Tgt Ion: 91 Resp: 40030

Ion Ratio Lower Upper

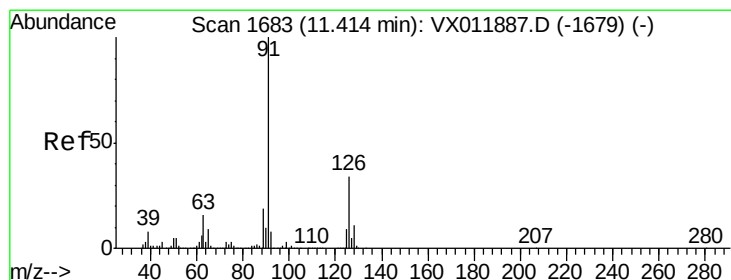
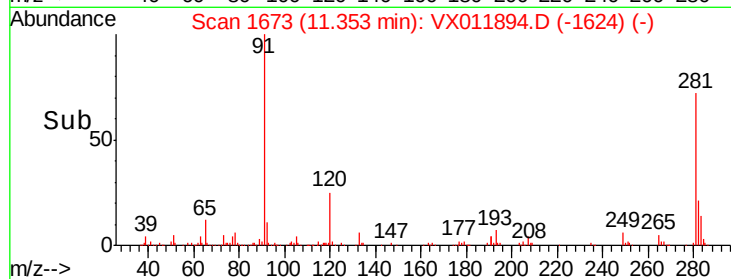
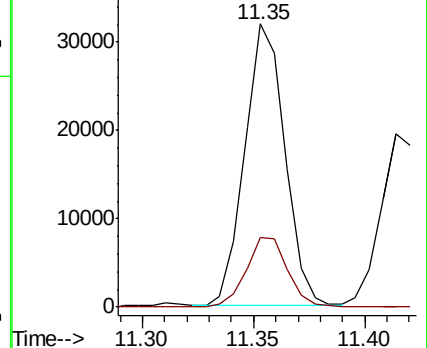
91 100

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

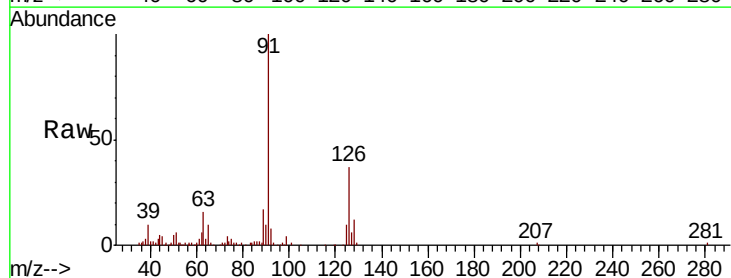
Acq: 30 Aug 2019 02:40

Tgt Ion: 91 Resp: 24928

Ion Ratio Lower Upper

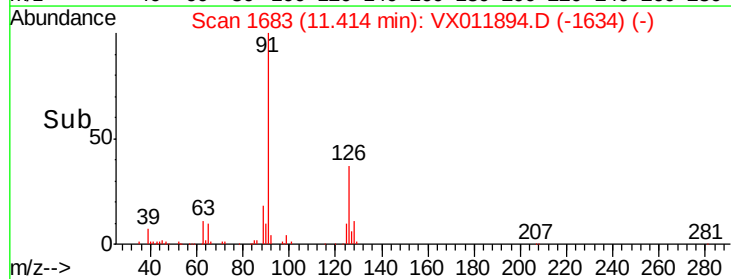
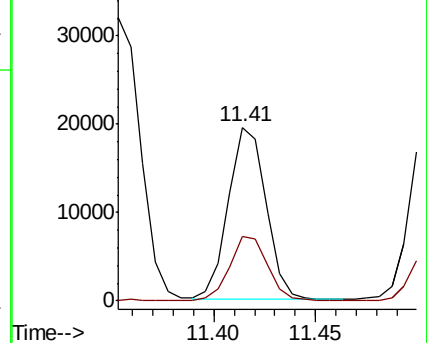
91 100

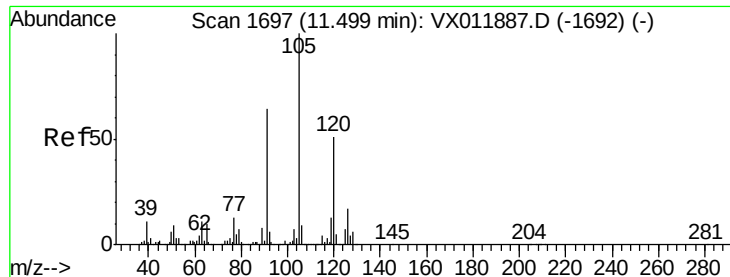
126 38.5 17.9 53.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#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

Instrument :

MSVOA_X

ClientSampleId :

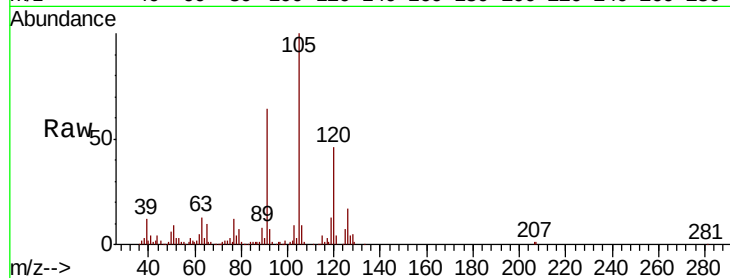
MDL01

Tgt Ion:105 Resp: 31585

Ion Ratio Lower Upper

105 100

120 49.0 25.3 75.9



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

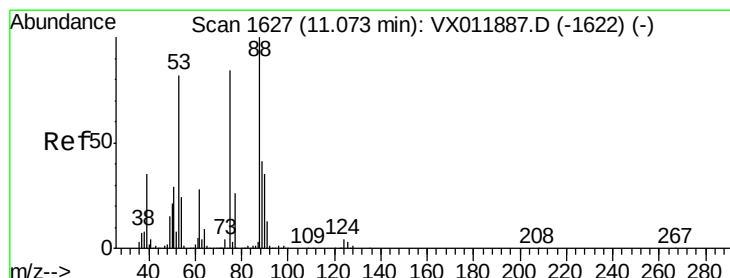
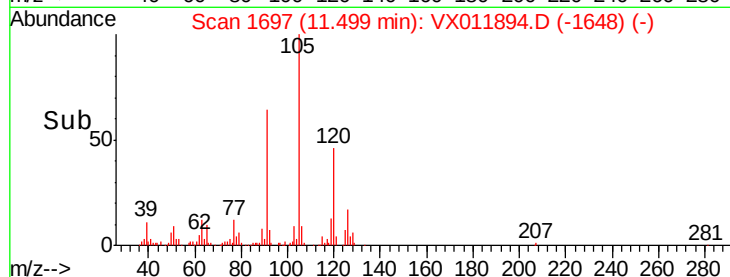
0

11.45

11.50

11.55

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 112.458 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011894.D

Acq: 30 Aug 2019 02:40

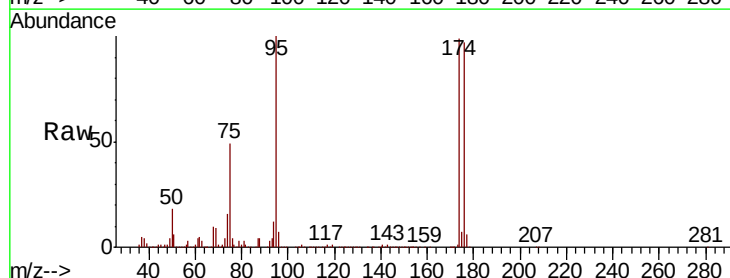
Tgt Ion: 75 Resp: 114239

Ion Ratio Lower Upper

75 100

53 0.1 77.1 115.7#

89 0.0 38.2 57.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

120000

100000

80000

60000

40000

20000

0

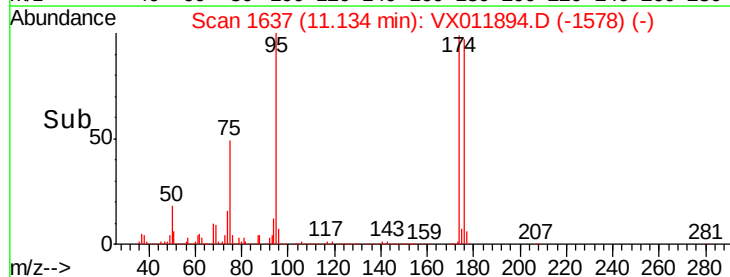
11.05

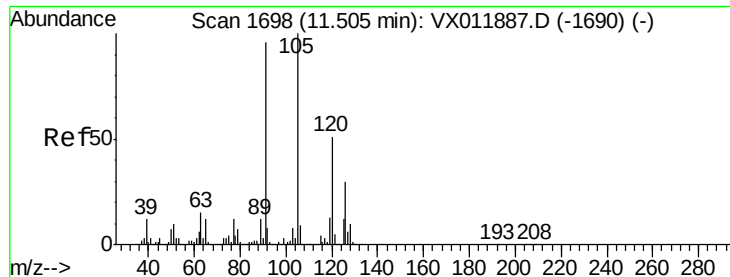
11.10

11.15

11.20

Time-->

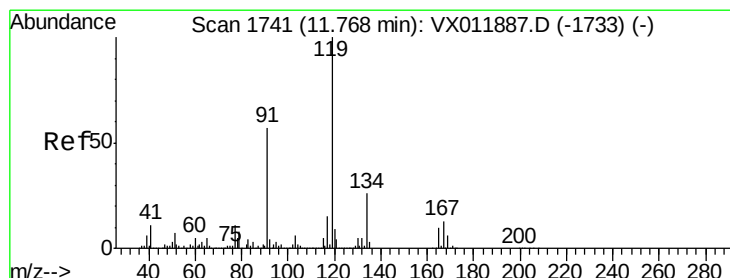
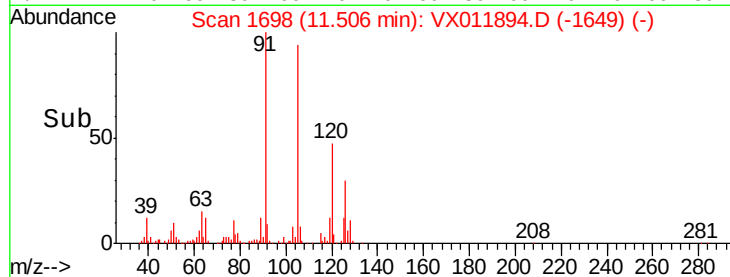
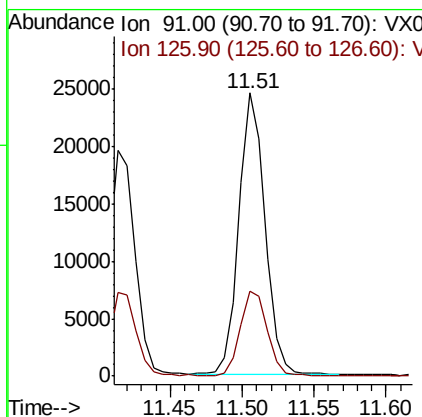
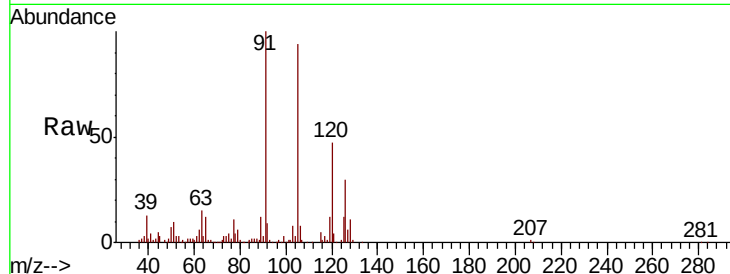




#82
4-Chlorotoluene
Concen: 2.528 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011894.D
Acq: 30 Aug 2019 02:40

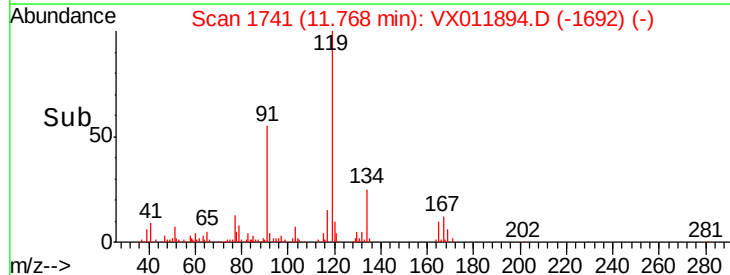
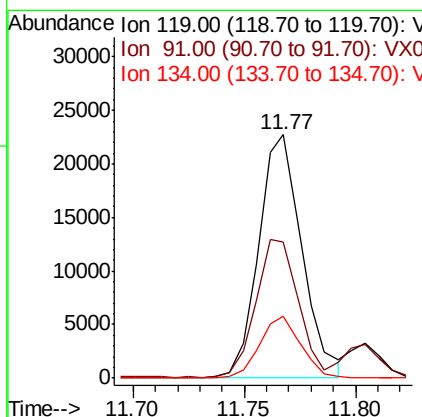
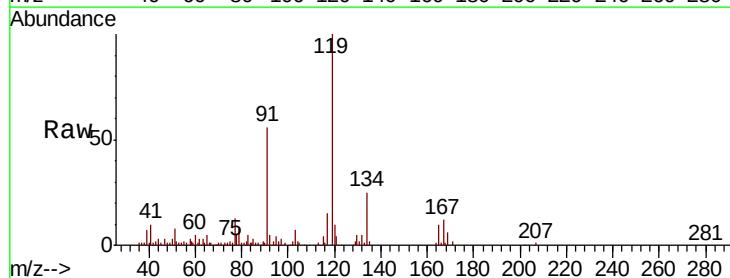
Instrument :
MSVOA_X
ClientSampled :
MDL01

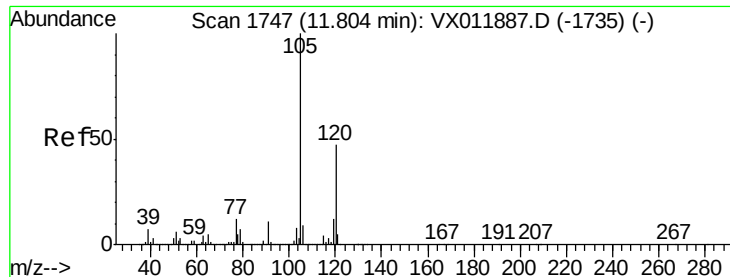
Tgt Ion: 91 Resp: 31028
Ion Ratio Lower Upper
91 100
126 31.9 15.9 47.6



#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

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

Instrument :

MSVOA_X

ClientSampleId :

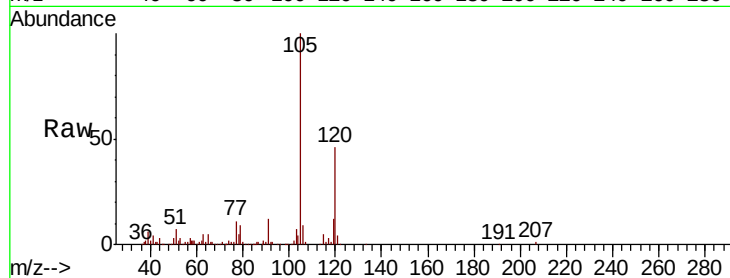
MDL01

Tgt Ion:105 Resp: 32280

Ion Ratio Lower Upper

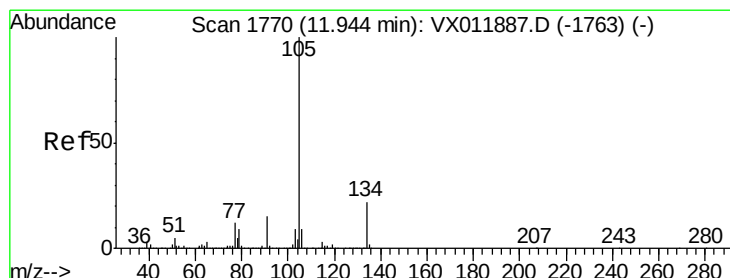
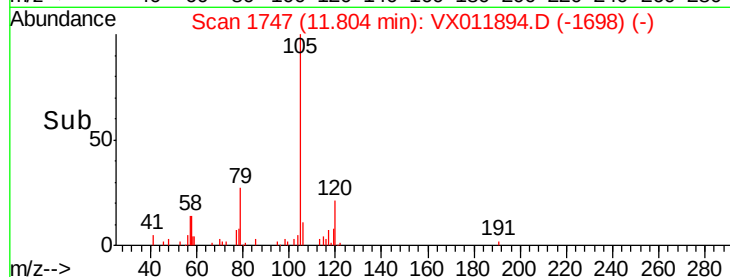
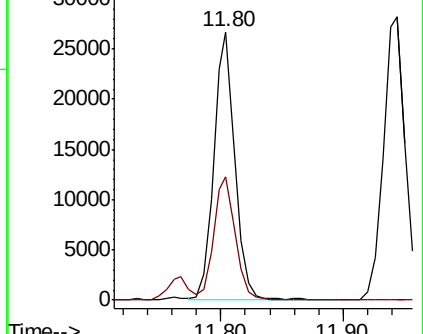
105 100

120 47.0 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 2.335 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011894.D

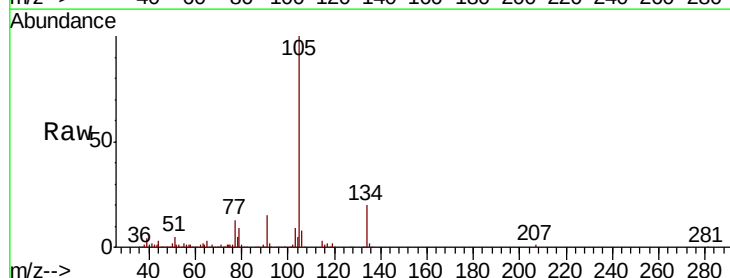
Acq: 30 Aug 2019 02:40

Tgt Ion:105 Resp: 35409

Ion Ratio Lower Upper

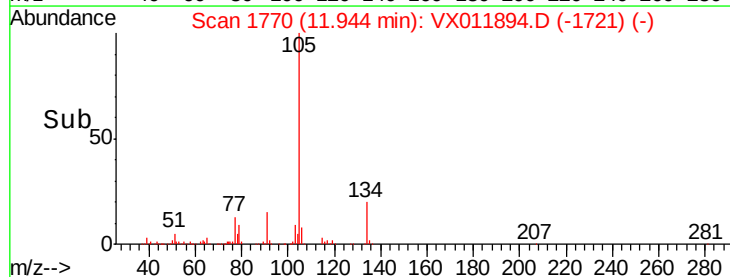
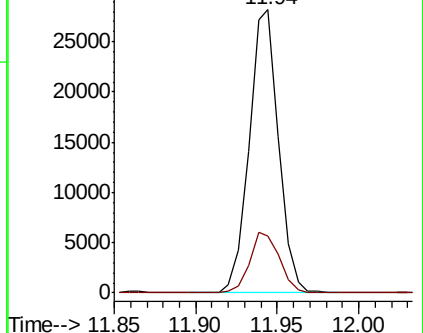
105 100

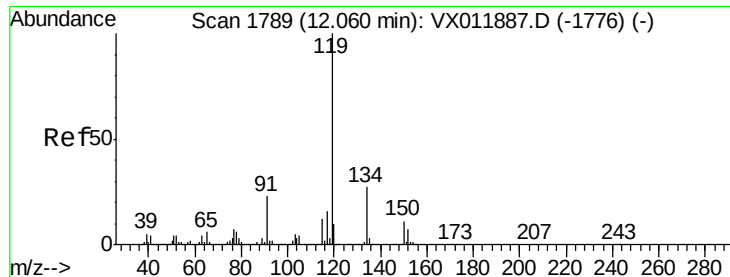
134 21.6 10.9 32.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

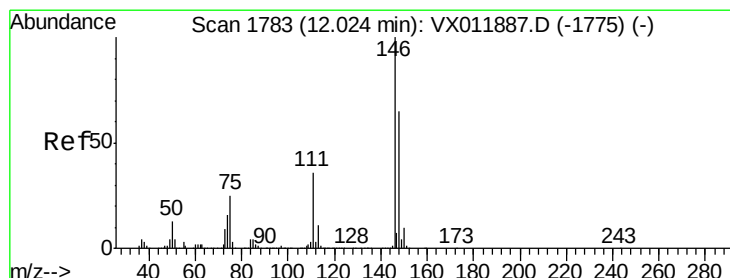
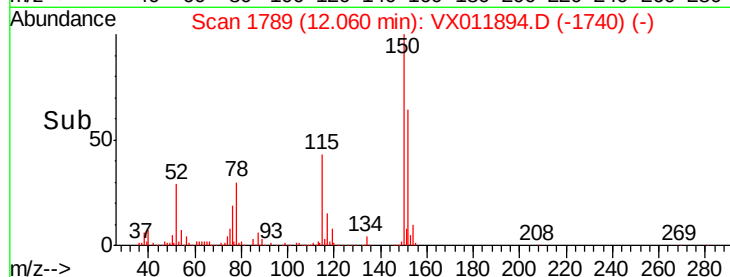
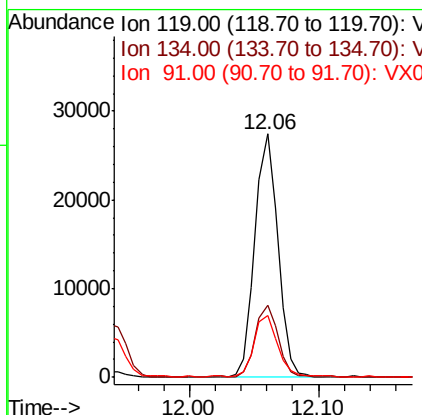
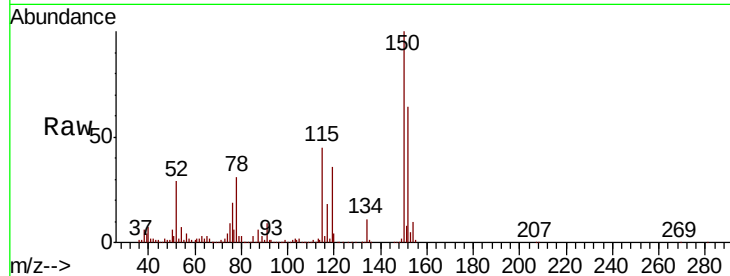




#86
 p-Isopropyltoluene
 Concen: 2.310 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

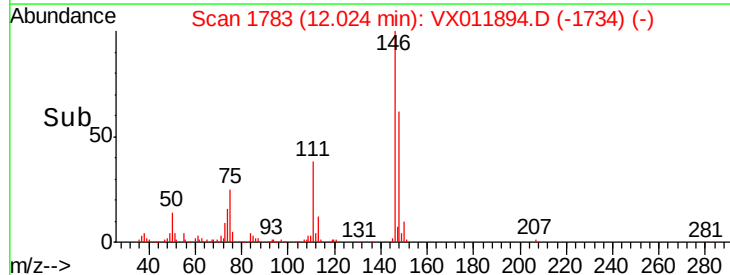
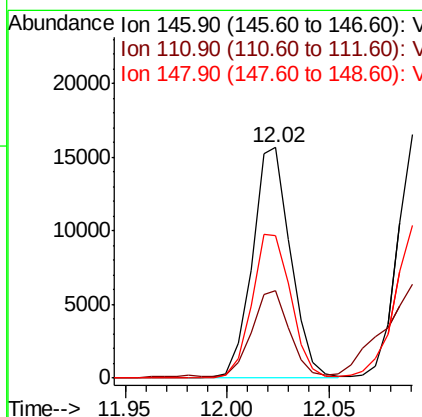
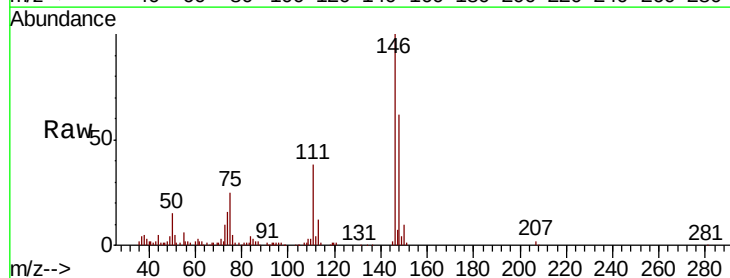
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

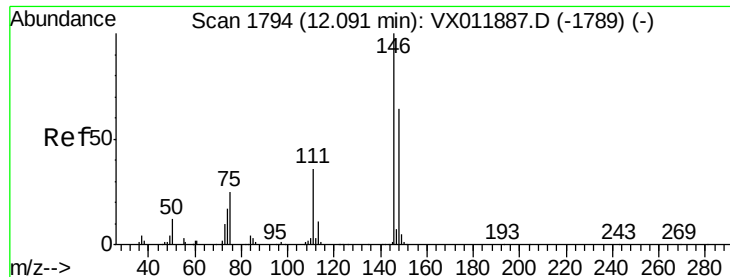
Tgt Ion:119 Resp: 33961
 Ion Ratio Lower Upper
 119 100
 134 29.4 13.7 41.0
 91 27.1 11.6 34.7



#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

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





#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

Instrument :

MSVOA_X

ClientSampleId :

MDL01

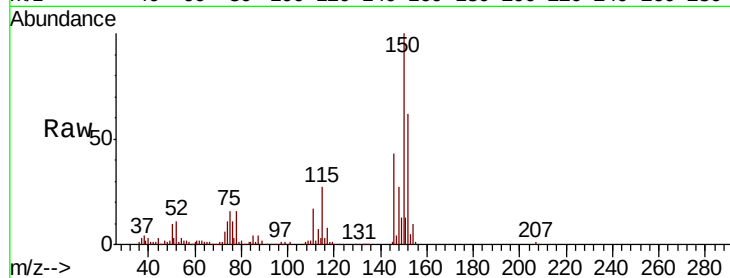
Tgt Ion:146 Resp: 21082

Ion Ratio Lower Upper

146 100

111 50.4 17.9 53.7

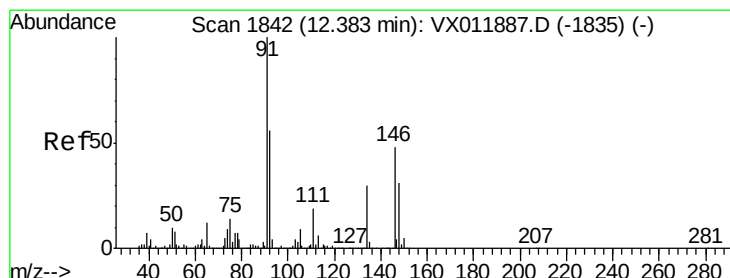
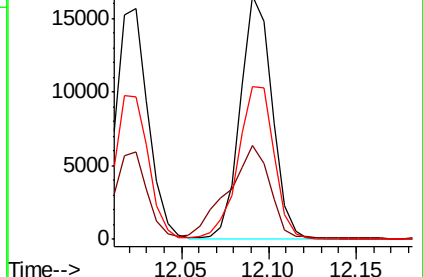
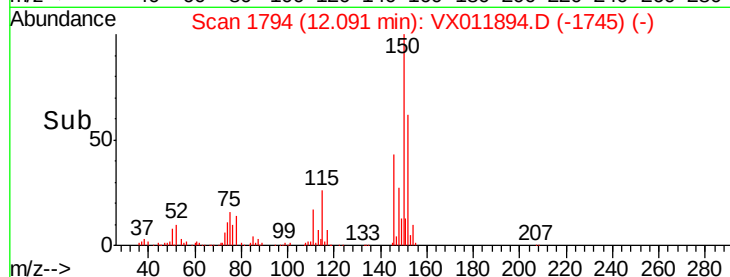
148 71.1 32.4 97.0



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

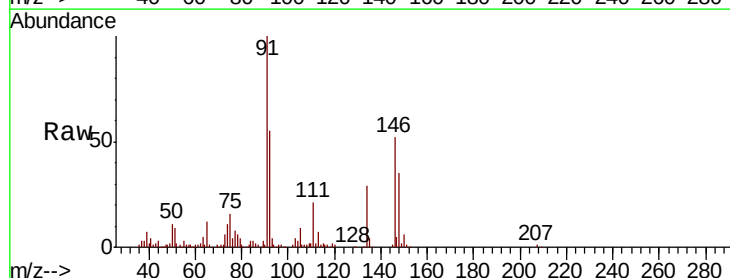
Tgt Ion: 91 Resp: 29740

Ion Ratio Lower Upper

91 100

92 56.2 27.6 82.8

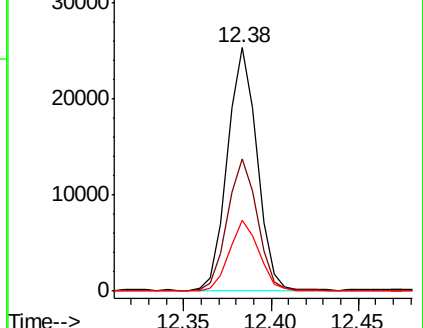
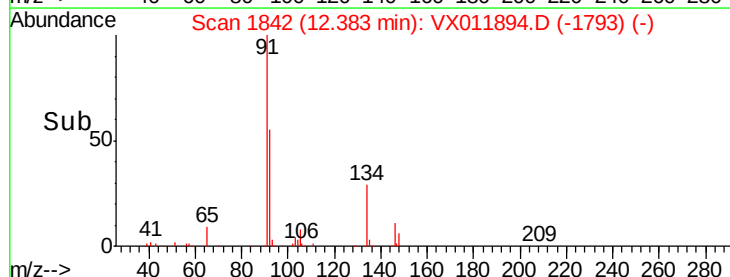
134 29.8 14.8 44.3

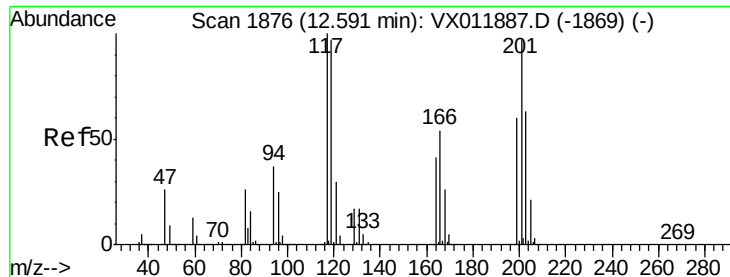


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 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

Instrument :

MSVOA_X

ClientSampleId :

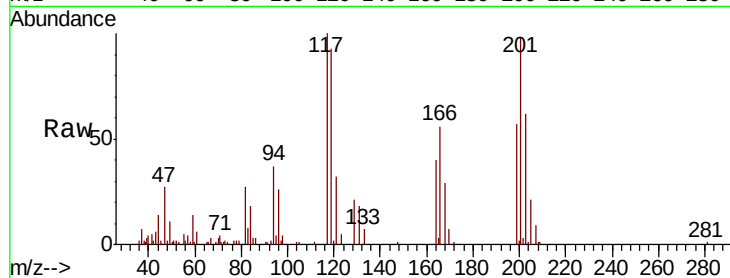
MDL01

Tgt Ion:117 Resp: 6863

Ion Ratio Lower Upper

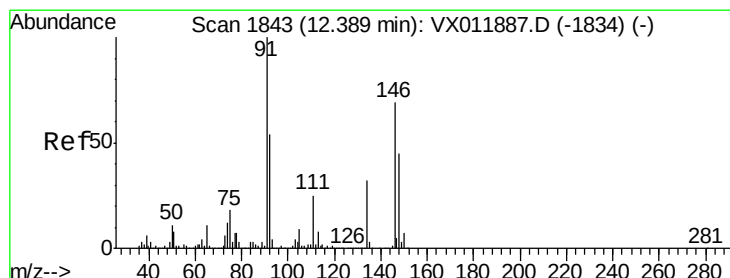
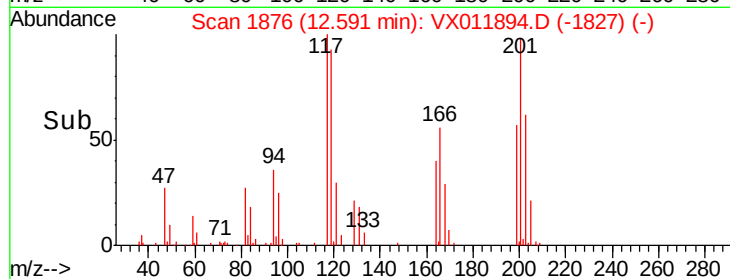
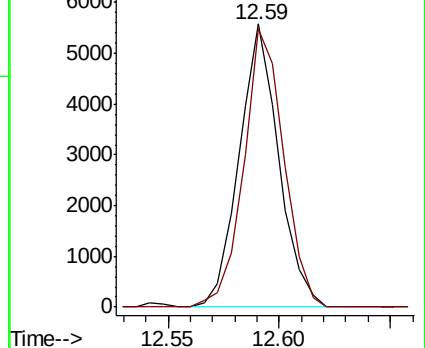
117 100

201 99.8 52.8 158.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#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

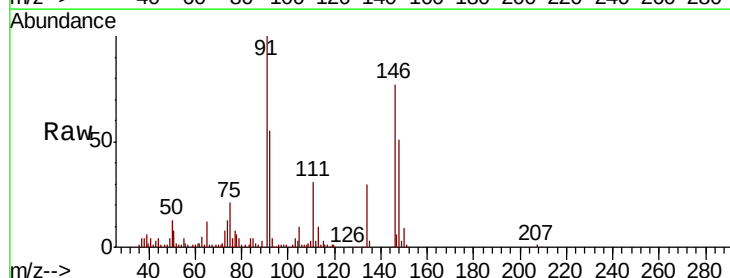
Tgt Ion:146 Resp: 18696

Ion Ratio Lower Upper

146 100

111 41.5 18.9 56.5

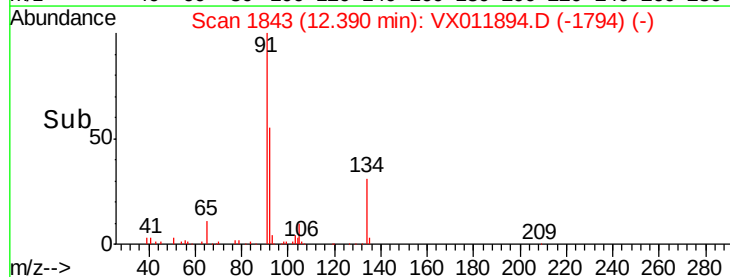
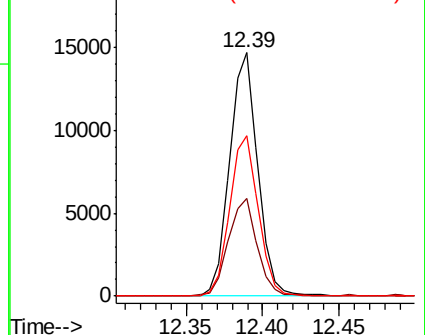
148 66.6 32.1 96.3

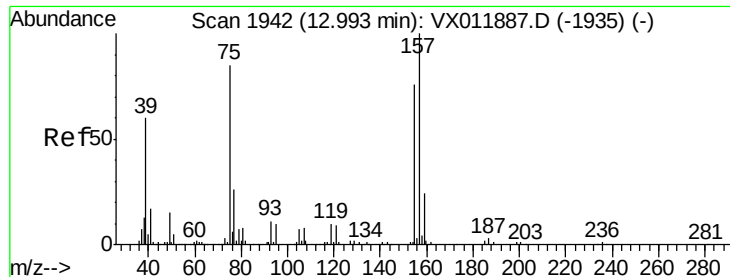


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

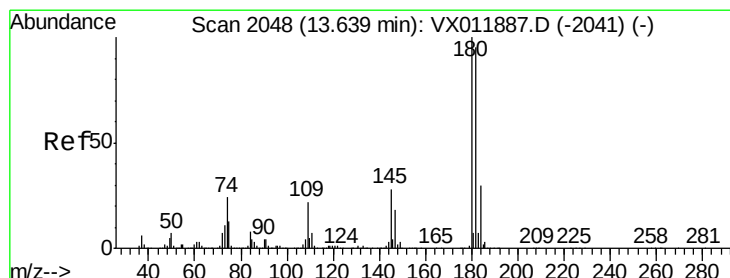
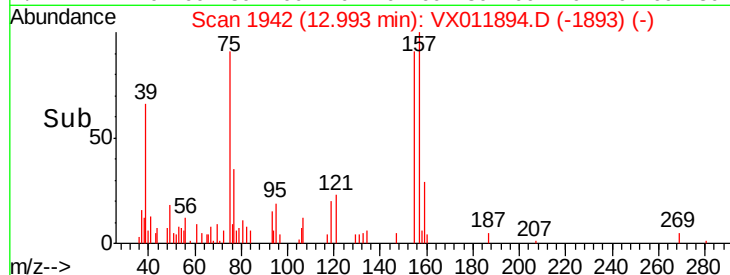
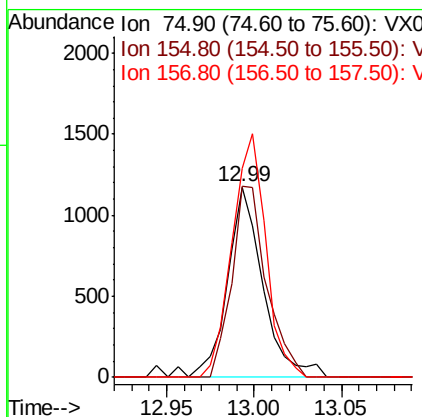
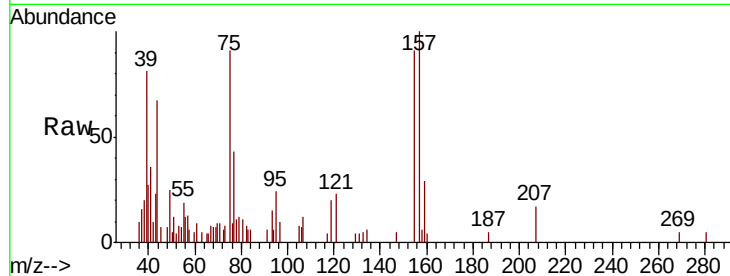




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.720 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VX011894.D
 Acq: 30 Aug 2019 02:40

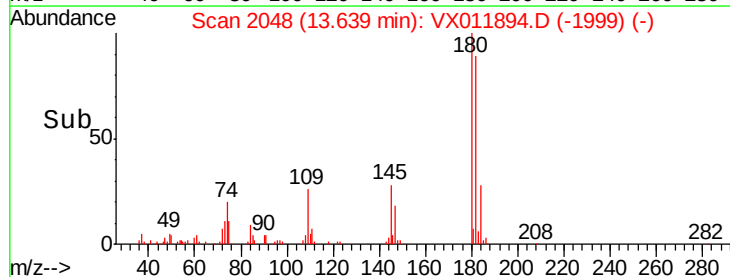
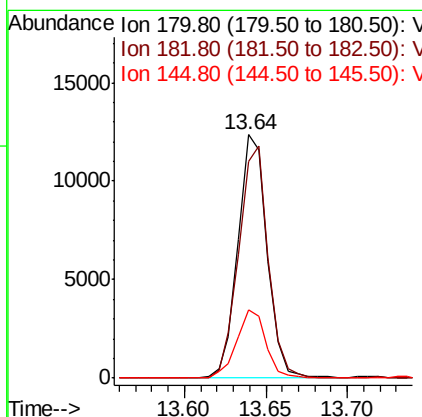
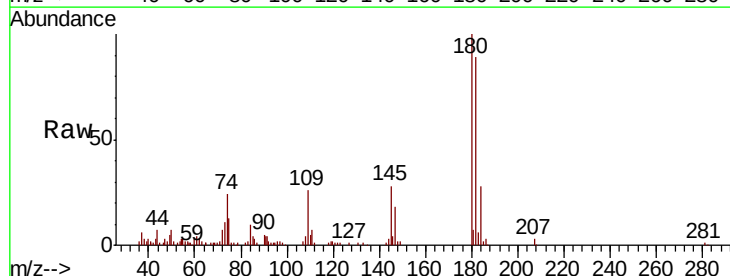
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

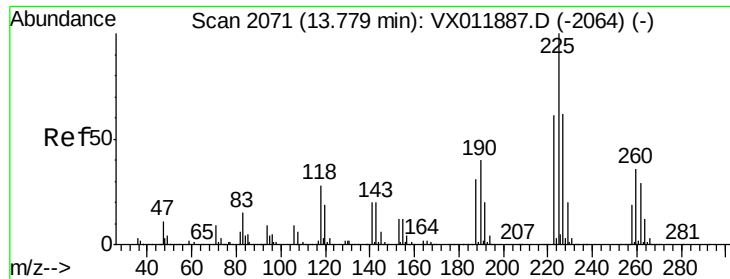
Tgt Ion: 75 Resp: 1653
 Ion Ratio Lower Upper
 75 100
 155 98.9 50.1 150.4
 157 121.7 63.9 191.7



#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

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

Instrument :

MSVOA_X

ClientSampled :

MDL01

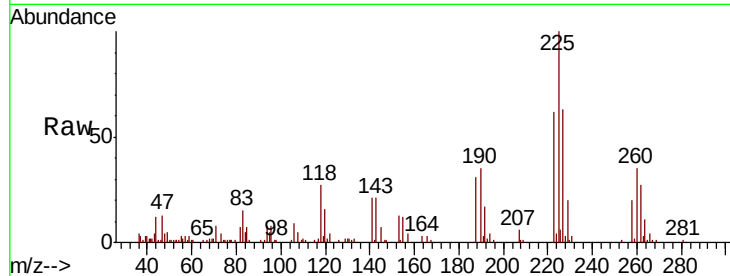
Tgt Ion:225 Resp: 9604

Ion Ratio Lower Upper

225 100

223 60.1 30.8 92.3

227 63.9 31.9 95.7

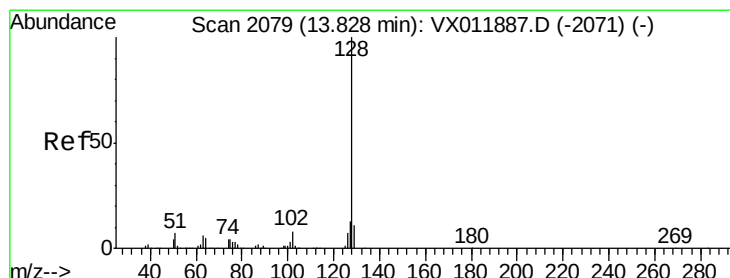
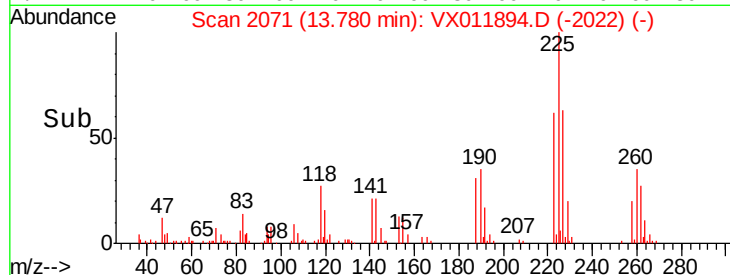
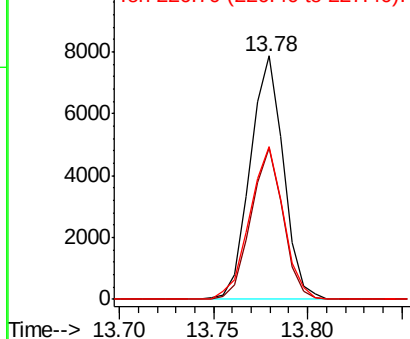


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 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

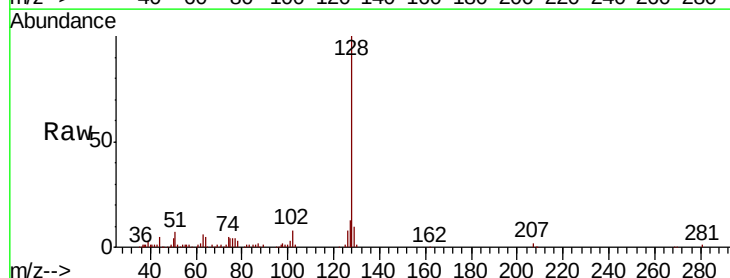
Tgt Ion:128 Resp: 27495

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.9 8.8 13.2

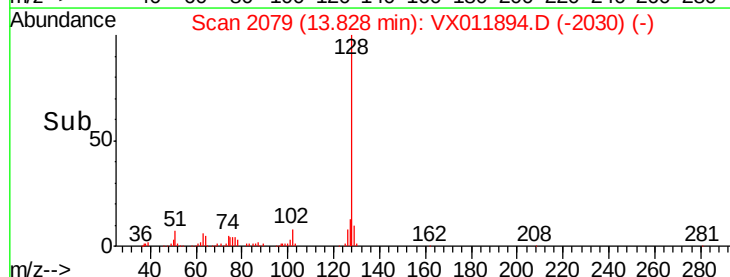
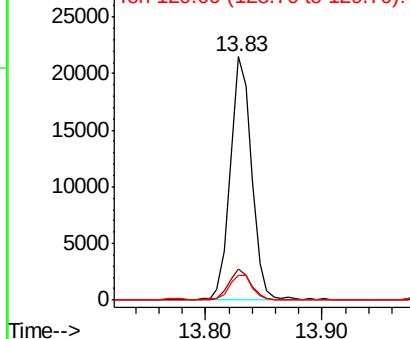


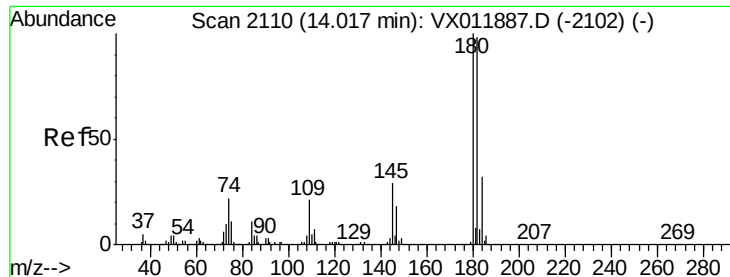
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 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

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

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

