

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
 Data File : VX011948.D
 Acq On : 31 Aug 2019 13:59
 Operator : SY/SP
 Sample : MDL 2.5 PPB
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL07

Quant Time: Sep 01 01:49:39 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	364939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	493151	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	457439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	269407	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	171490	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
35) Dibromofluoromethane	5.48	113	159728	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	8.71	98	574276	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	11.14	95	237731	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	7435	3.376	ug/l	95
3) Chloromethane	1.31	50	6855	2.685	ug/l	98
4) Vinyl Chloride	1.39	62	6644	2.725	ug/l	98
5) Bromomethane	1.63	94	5997	3.555	ug/l	98
6) Chloroethane	1.72	64	4080	2.689	ug/l #	86
7) Trichlorofluoromethane	1.92	101	11697	2.762	ug/l	98
8) Diethyl Ether	2.17	74	3782	2.599	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	7500	2.718	ug/l	97
10) Methyl Iodide	2.50	142	4654	5.107	ug/l	97
11) Tert butyl alcohol	3.03	59	5088	15.126	ug/l #	90
12) 1,1-Dichloroethene	2.36	96	6767	2.640	ug/l	96
13) Acrolein	2.28	56	2127	12.704	ug/l #	74
14) Allyl chloride	2.72	41	11513	2.395	ug/l	95
15) Acrylonitrile	3.13	53	9683	12.114	ug/l	91
16) Acetone	2.43	43	12301	16.351	ug/l	99
17) Carbon Disulfide	2.56	76	17867	2.430	ug/l	100
18) Methyl Acetate	2.76	43	5842	2.805	ug/l #	90
19) Methyl tert-butyl Ether	3.18	73	20790	2.504	ug/l	98
20) Methylene Chloride	2.84	84	13157	Below Cal		96
21) trans-1,2-Dichloroethene	3.15	96	8171	2.706	ug/l	99
22) Diisopropyl ether	3.84	45	24548	2.501	ug/l	94
23) Vinyl Acetate	3.80	43	71734	11.367	ug/l	98
24) 1,1-Dichloroethane	3.69	63	14228	2.629	ug/l	99
25) 2-Butanone	4.67	43	13358	12.191	ug/l	99
26) 2,2-Dichloropropane	4.57	77	12809	2.821	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	9654	2.715	ug/l	98
28) Bromochloromethane	5.01	49	5135	2.114	ug/l	88
29) Tetrahydrofuran	5.12	42	8487	12.410	ug/l #	87
30) Chloroform	5.20	83	17059	2.948	ug/l	100
31) Cyclohexane	5.56	56	11736	2.688	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	13983	2.720	ug/l	98
36) 1,1-Dichloropropene	5.79	75	11193	2.865	ug/l	94
37) Ethyl Acetate	4.83	43	6248	2.702	ug/l #	88
38) Carbon Tetrachloride	5.77	117	12422	2.741	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	13037	2.801	ug/l	98
40) Benzene	6.14	78	31069	2.664	ug/l	100
41) Methacrylonitrile	5.03	41	3088	2.268	ug/l #	84
42) 1,2-Dichloroethane	6.18	62	11482	2.895	ug/l	94
43) Isopropyl Acetate	6.43	43	11807	2.518	ug/l	94
44) Trichloroethene	7.20	130	9855	2.731	ug/l	94
45) 1,2-Dichloropropane	7.51	63	8470	2.777	ug/l	92
46) Dibromomethane	7.65	93	4981	2.751	ug/l	95
47) Bromodichloromethane	7.89	83	11804	2.629	ug/l #	98
48) Methyl methacrylate	7.77	41	5769	2.529	ug/l	92
49) 1,4-Dioxane	7.74	88	1569	50.012	ug/l #	93
51) 4-Methyl-2-Pentanone	8.64	43	30074	12.626	ug/l	99
52) Toluene	8.78	92	21160	2.743	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	11658	2.535	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	13606	2.636	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	7234	2.729	ug/l	98
56) Ethyl methacrylate	9.17	69	9697	2.636	ug/l	95
57) 1,3-Dichloropropane	9.37	76	11764	2.674	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	19109	10.907	ug/l	96
59) 2-Hexanone	9.49	43	20853	12.324	ug/l	95
60) Dibromochloromethane	9.58	129	9005	2.530	ug/l	99
61) 1,2-Dibromoethane	9.67	107	6923	2.635	ug/l	99
64) Tetrachloroethene	9.33	164	11111	3.020	ug/l	95
65) Chlorobenzene	10.14	112	24379	2.750	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	9169	2.558	ug/l	96
67) Ethyl Benzene	10.25	91	40179	2.665	ug/l	95
68) m/p-Xylenes	10.36	106	30503	5.239	ug/l	98
69) o-Xylene	10.70	106	14533	2.561	ug/l	95
70) Styrene	10.71	104	26270	2.627	ug/l	98
71) Bromoform	10.85	173	6419	2.532	ug/l #	99
73) Isopropylbenzene	11.01	105	40403	2.610	ug/l	100
74) N-amyl acetate	10.89	43	11537	2.511	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.26	83	8513	2.687	ug/l	95
76) 1,2,3-Trichloropropane	11.29	75	7996	3.017	ug/l	93
77) Bromobenzene	11.25	156	12113	2.698	ug/l	98
78) n-propylbenzene	11.35	91	46582	2.654	ug/l	99
79) 2-Chlorotoluene	11.42	91	27703	2.622	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	34920	2.614	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	116499	110.433	ug/l #	11
82) 4-Chlorotoluene	11.51	91	33008	2.590	ug/l	98
83) tert-Butylbenzene	11.77	119	35286	2.603	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	35783	2.613	ug/l	98
85) sec-Butylbenzene	11.94	105	41413	2.630	ug/l	98
86) p-Isopropyltoluene	12.06	119	40496	2.652	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	22546	2.702	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	23194	2.750	ug/l	92
89) n-Butylbenzene	12.39	91	35190	2.605	ug/l	97
90) Hexachloroethane	12.59	117	7560	2.559	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	20846	2.687	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	1822	2.887	ug/l	88

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	17572	2.690	ug/l	99
94) Hexachlorobutadiene	13.78	225	11266	2.583	ug/l	99
95) Naphthalene	13.83	128	28853	2.574	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	16035	2.715	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

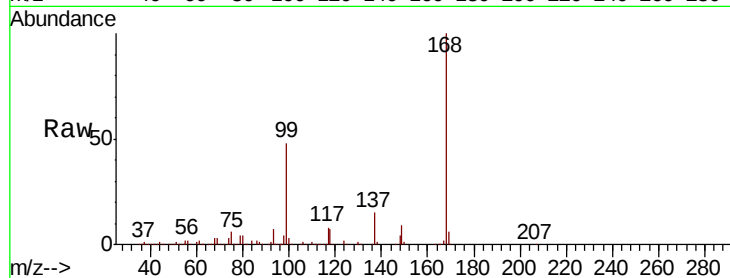
MDL07

Tgt Ion:168 Resp: 364939

Ion Ratio Lower Upper

168 100

99 47.4 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

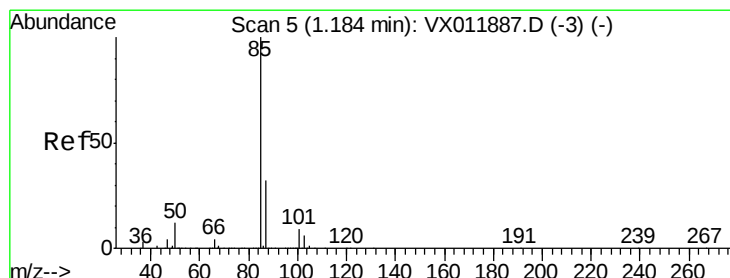
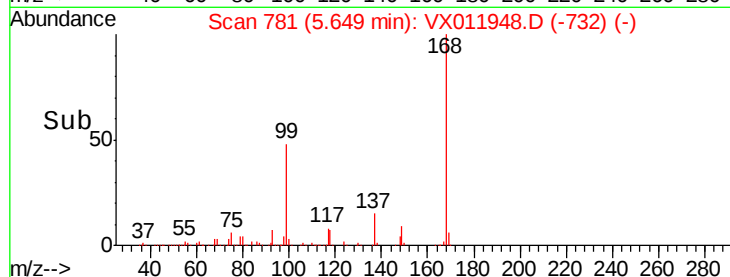
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 3.376 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX011948.D

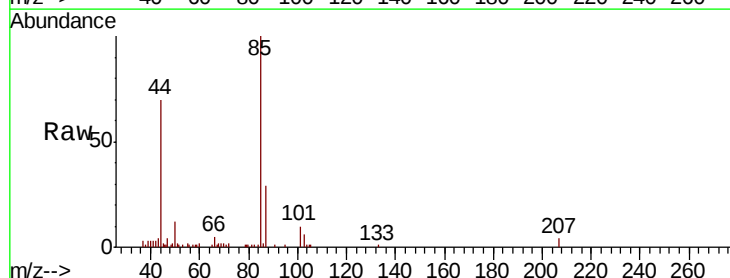
Acq: 31 Aug 2019 13:59

Tgt Ion: 85 Resp: 7435

Ion Ratio Lower Upper

85 100

87 29.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

8000

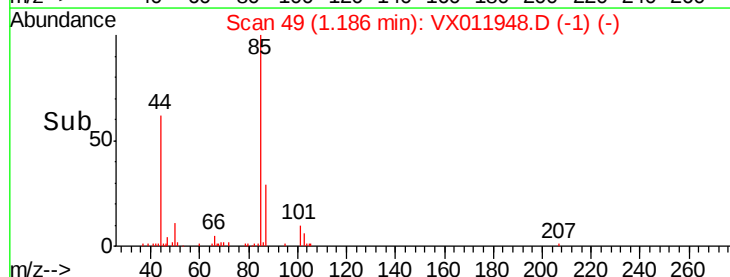
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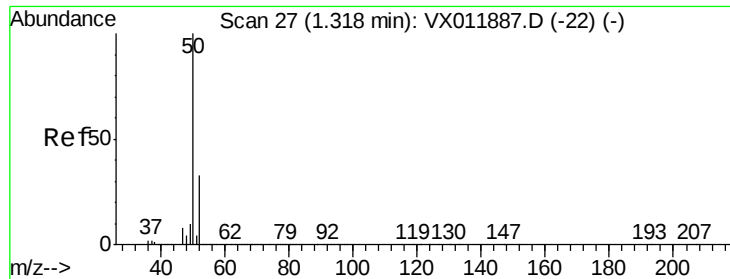
4000

2000

0

Time-->





#3

Chloromethane

Concen: 2.685 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

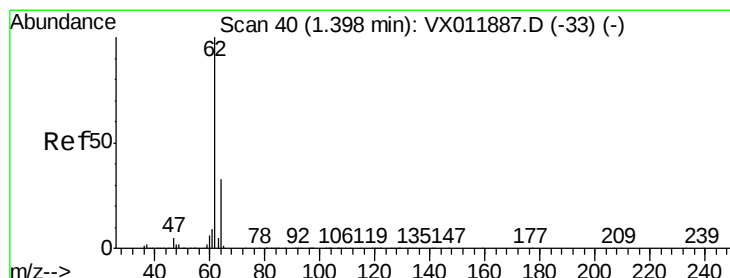
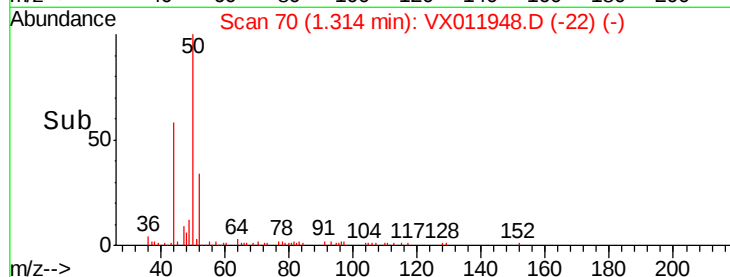
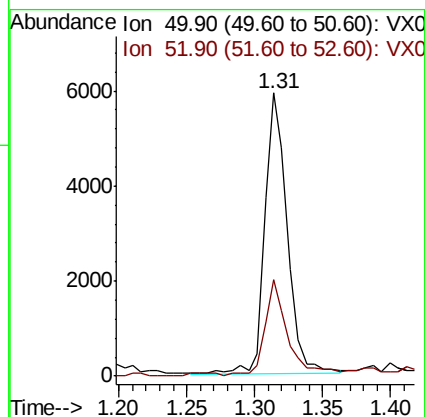
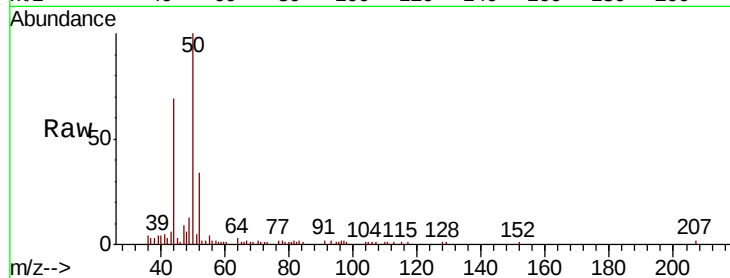
MDL07

Tgt Ion: 50 Resp: 6855

Ion Ratio Lower Upper

50 100

52 33.6 26.0 39.0



#4

Vinyl Chloride

Concen: 2.725 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX011948.D

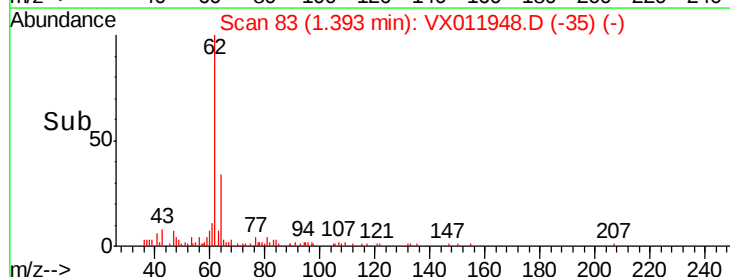
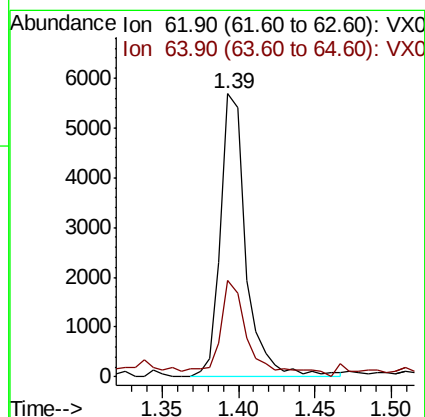
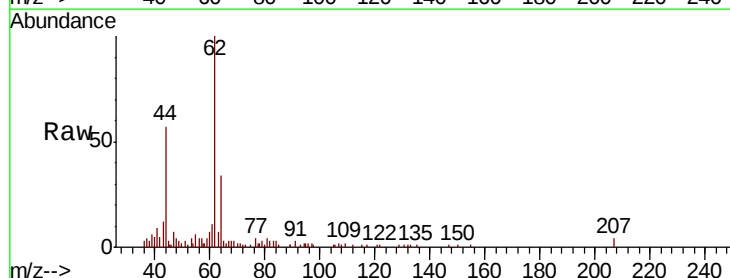
Acq: 31 Aug 2019 13:59

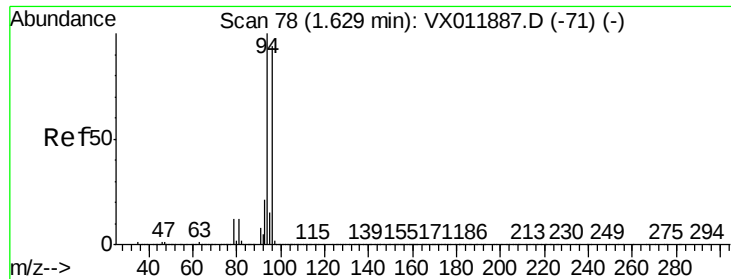
Tgt Ion: 62 Resp: 6644

Ion Ratio Lower Upper

62 100

64 31.4 26.0 39.0





#5

Bromomethane

Concen: 3.555 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

Instrument :

MSVOA_X

ClientSampled :

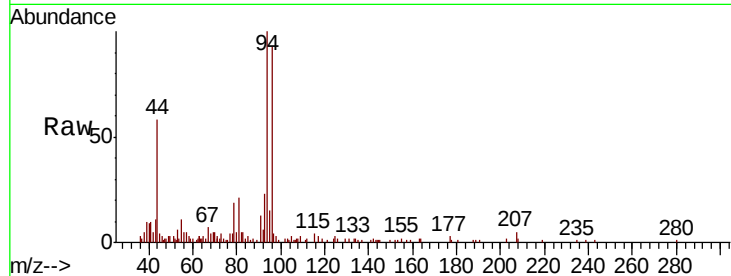
MDL07

Tgt Ion: 94 Resp: 5997

Ion Ratio Lower Upper

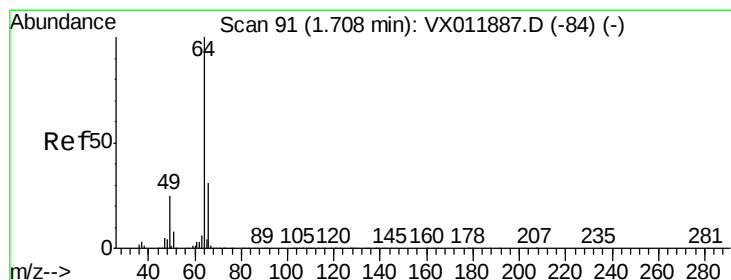
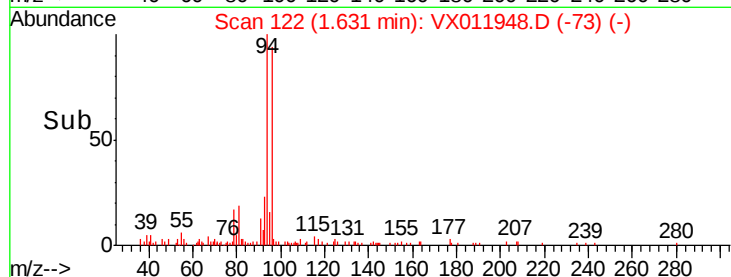
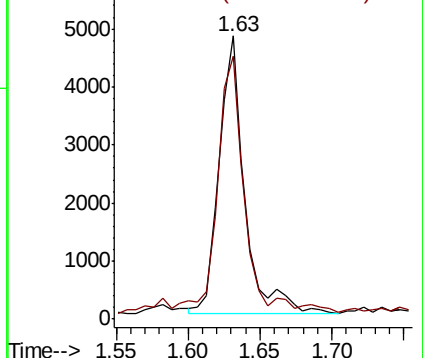
94 100

96 92.2 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 2.689 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX011948.D

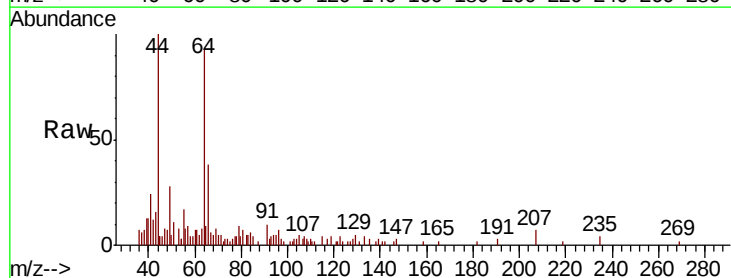
Acq: 31 Aug 2019 13:59

Tgt Ion: 64 Resp: 4080

Ion Ratio Lower Upper

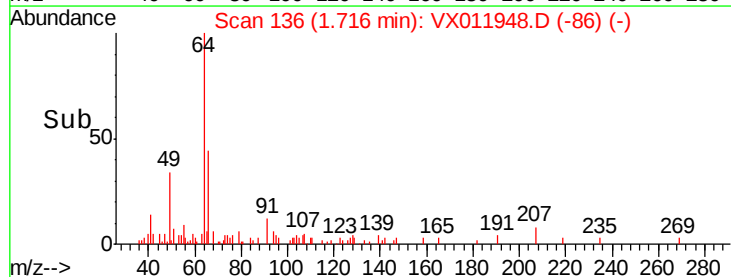
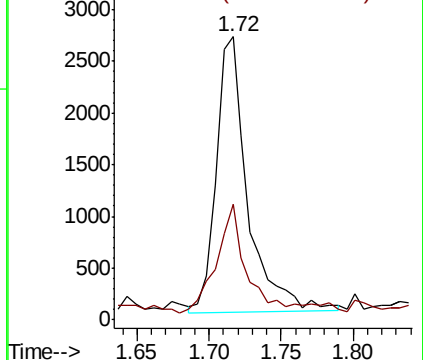
64 100

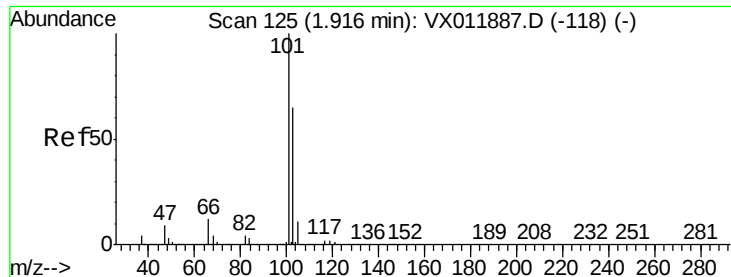
66 38.8 25.0 37.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



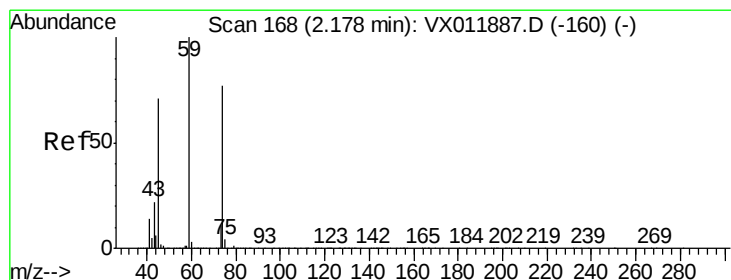
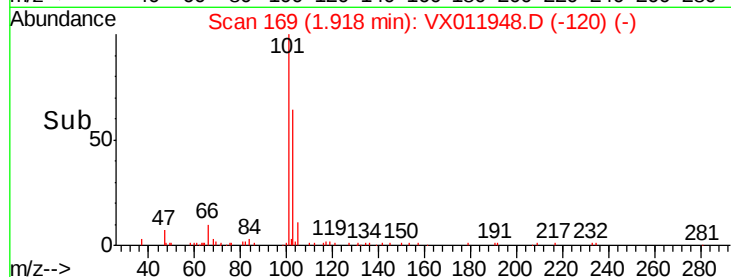
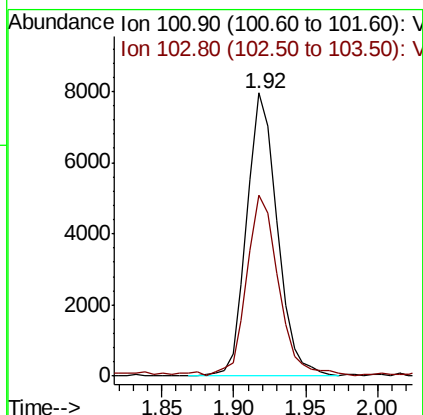
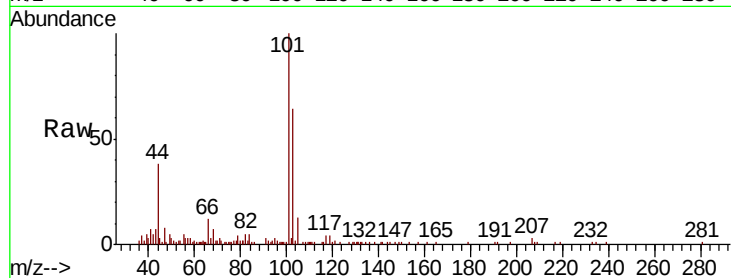


#7

Trichlorofluoromethane
Concen: 2.762 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX011948.D
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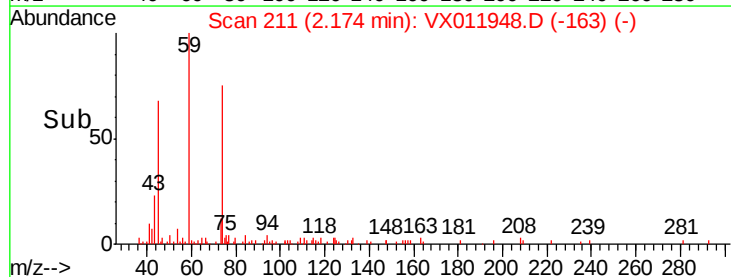
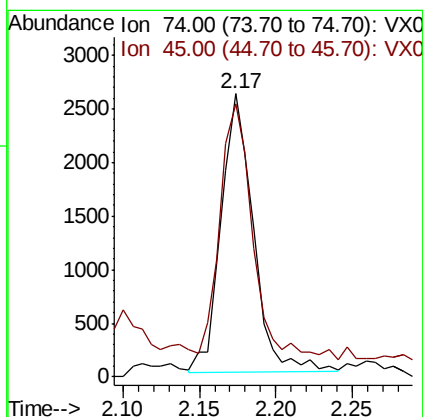
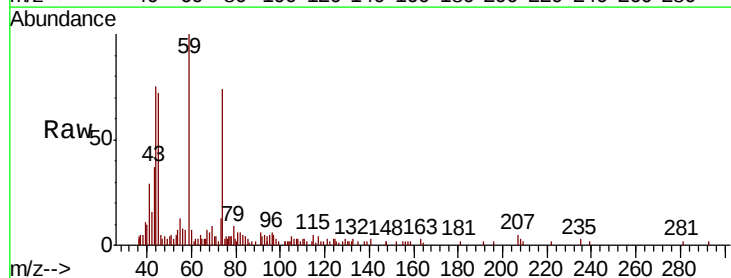
Tgt Ion: 101 Resp: 11697
Ion Ratio Lower Upper
101 100
103 63.0 51.6 77.4

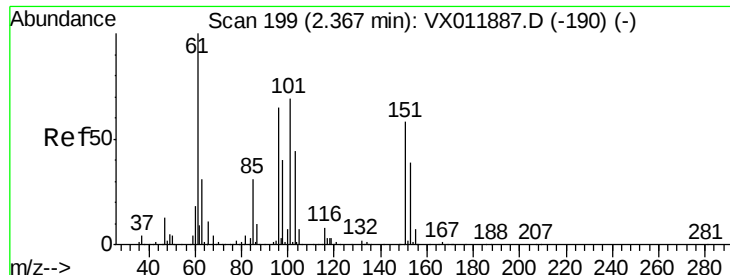


#8

Diethyl Ether
Concen: 2.599 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX011948.D
Acq: 31 Aug 2019 13:59

Tgt Ion: 74 Resp: 3782
Ion Ratio Lower Upper
74 100
45 88.6 46.7 140.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.718 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

MDL07

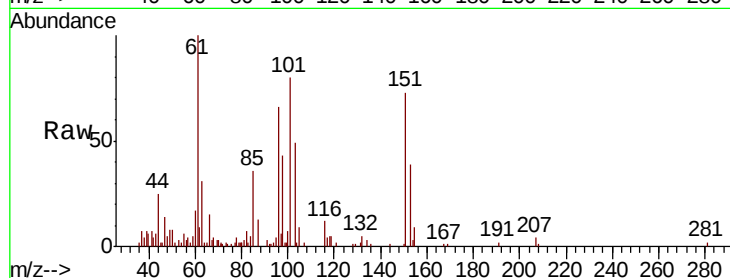
Tgt Ion:101 Resp: 7500

Ion Ratio Lower Upper

101 100

85 44.4 34.9 52.3

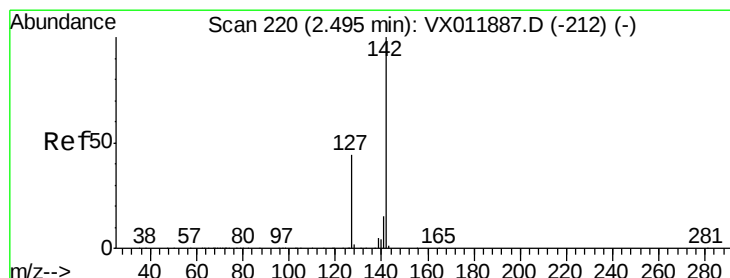
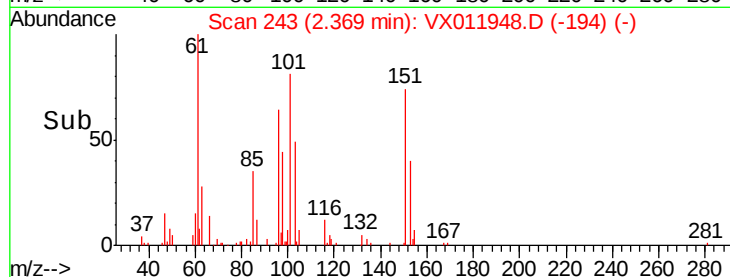
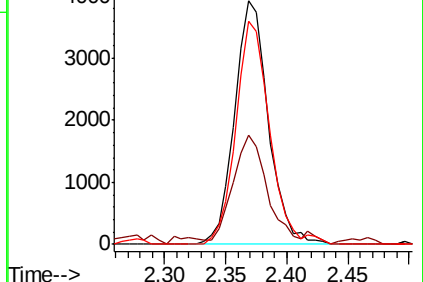
151 91.6 70.9 106.3



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: 5.107 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

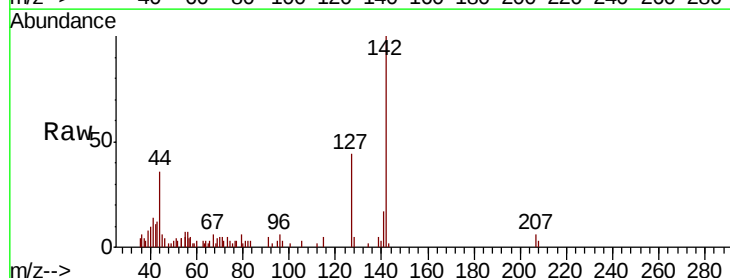
Tgt Ion:142 Resp: 4654

Ion Ratio Lower Upper

142 100

127 47.4 35.7 53.5

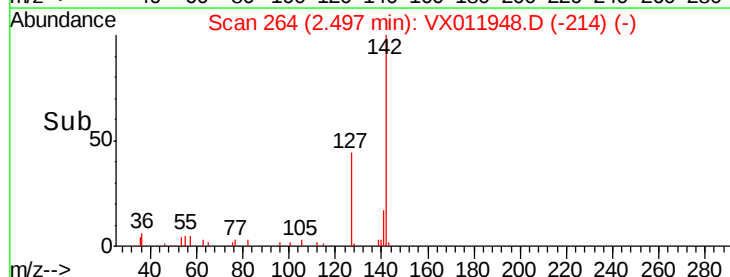
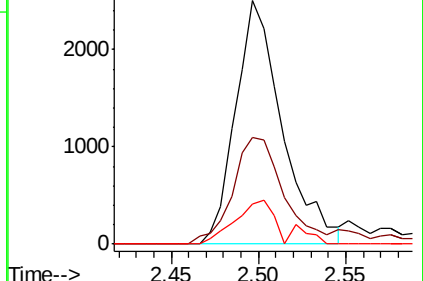
141 14.6 11.8 17.6

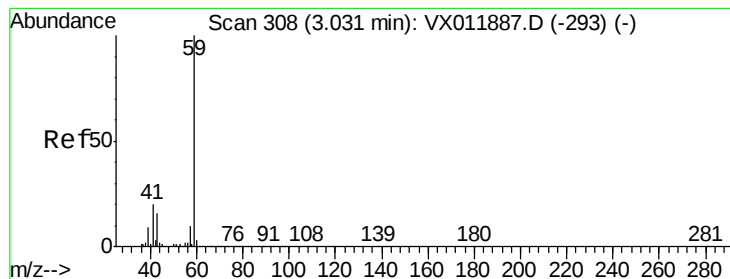


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



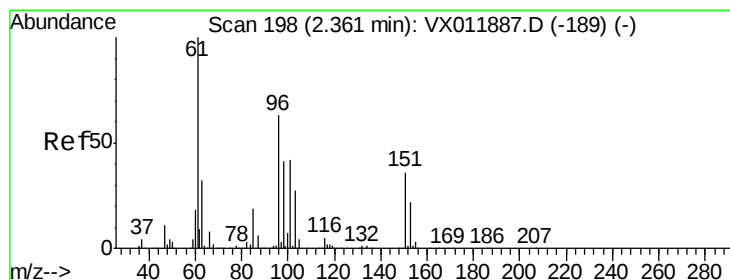
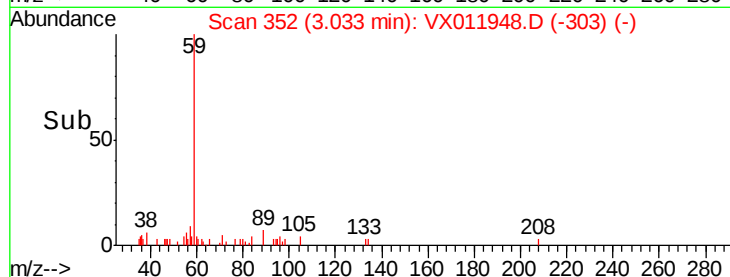
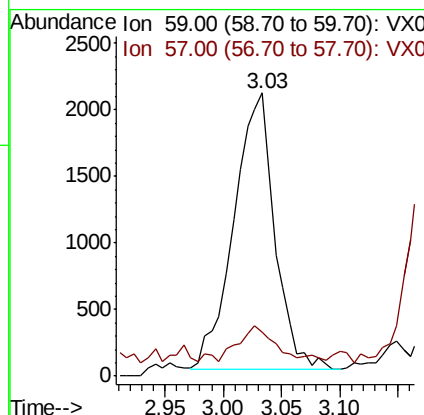
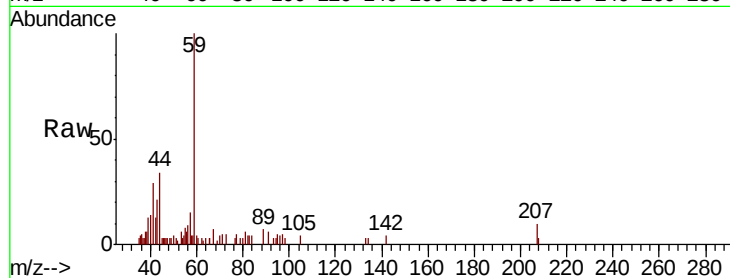


#11

Tert butyl alcohol
 Concen: 15.126 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX011948.D
 Acq: 31 Aug 2019 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL07

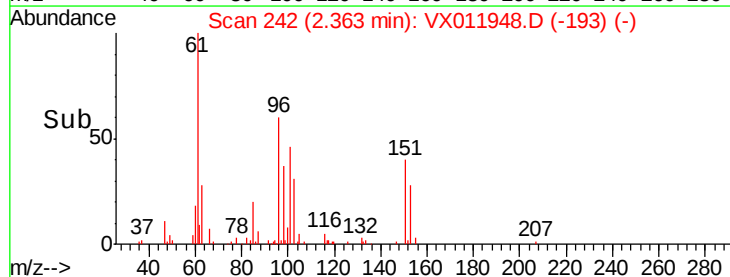
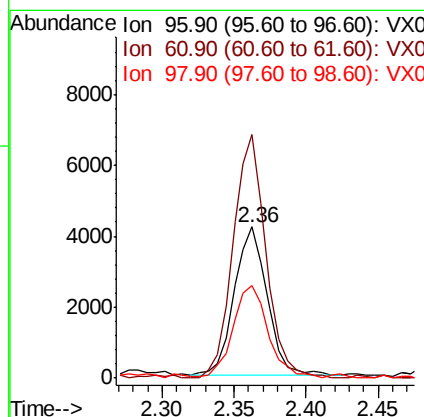
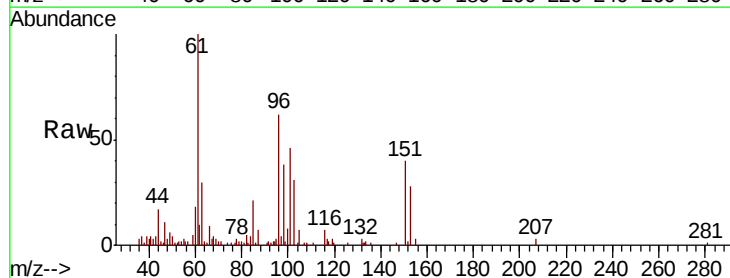
Tgt Ion: 59 Resp: 5088
 Ion Ratio Lower Upper
 59 100
 57 14.5 8.6 12.8#

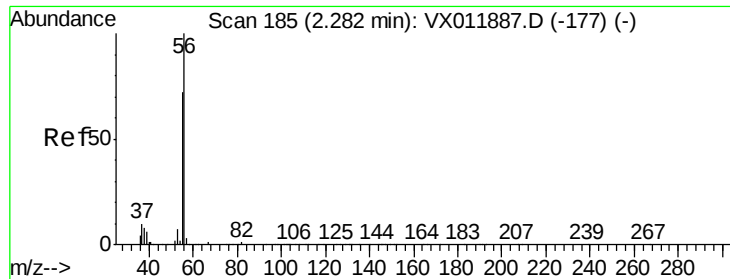


#12

1,1-Dichloroethene
 Concen: 2.640 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX011948.D
 Acq: 31 Aug 2019 13:59

Tgt Ion: 96 Resp: 6767
 Ion Ratio Lower Upper
 96 100
 61 163.5 126.6 190.0
 98 60.6 51.6 77.4





#13

Acrolein

Concen: 12.704 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

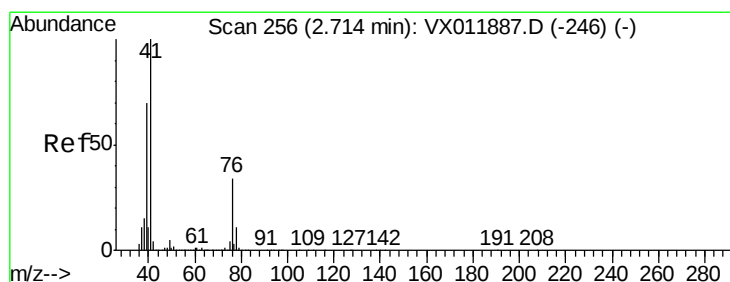
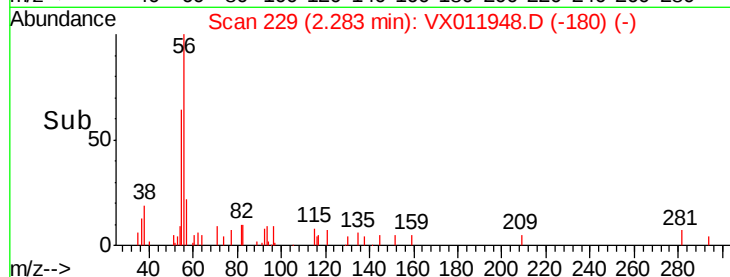
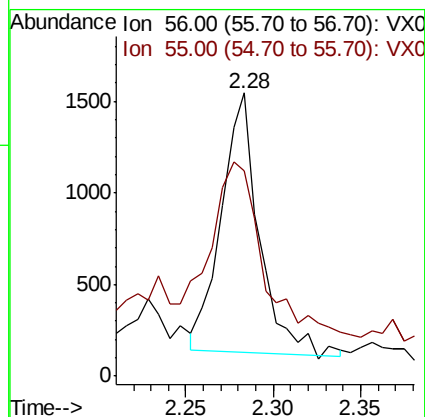
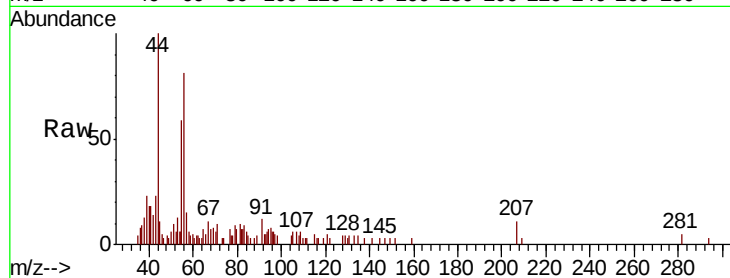
MDL07

Tgt Ion: 56 Resp: 2127

Ion Ratio Lower Upper

56 100

55 95.3 58.6 88.0#



#14

Allyl chloride

Concen: 2.395 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

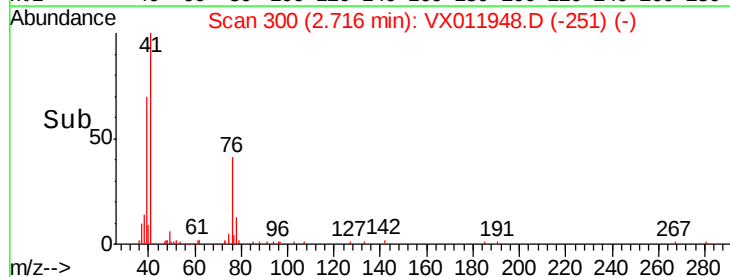
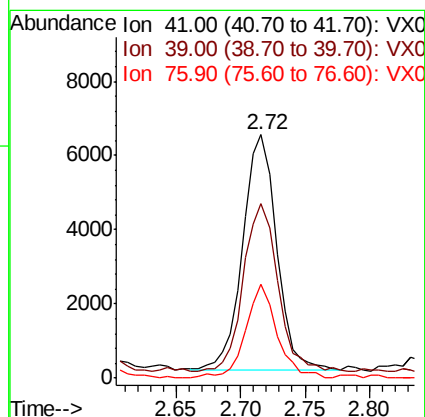
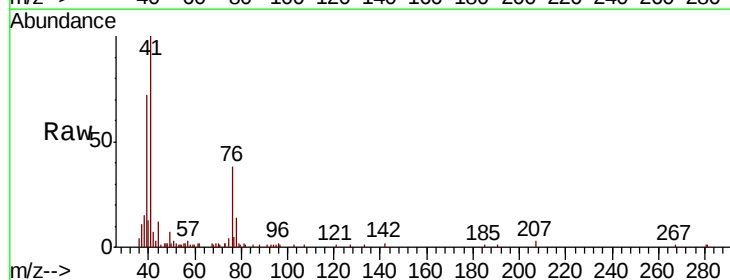
Tgt Ion: 41 Resp: 11513

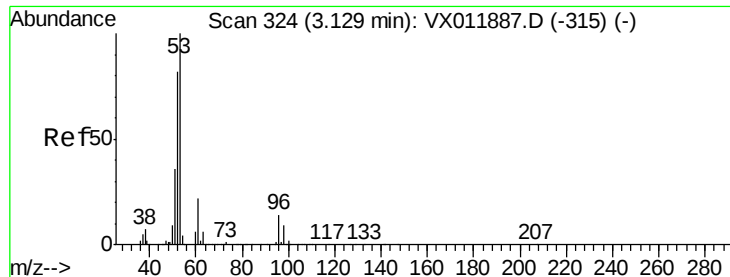
Ion Ratio Lower Upper

41 100

39 72.4 55.0 82.6

76 36.9 27.0 40.4





#15

Acrylonitrile

Concen: 12.114 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

MDL07

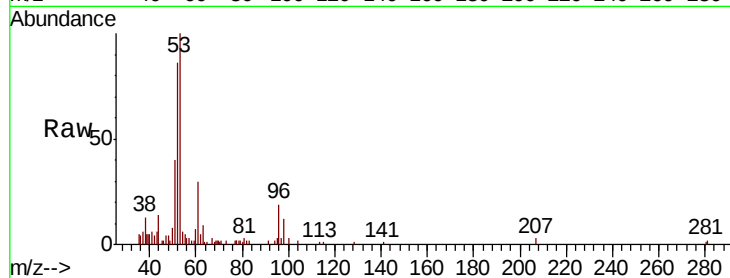
Tgt Ion: 53 Resp: 9683

Ion Ratio Lower Upper

53 100

52 91.1 65.3 97.9

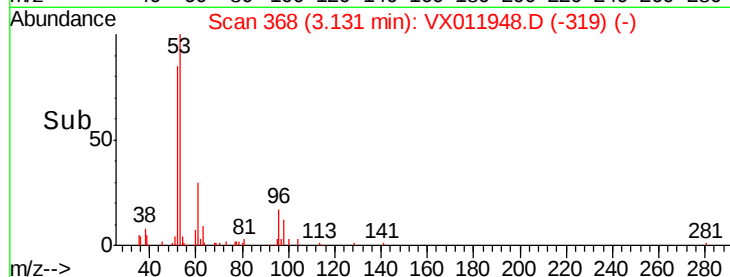
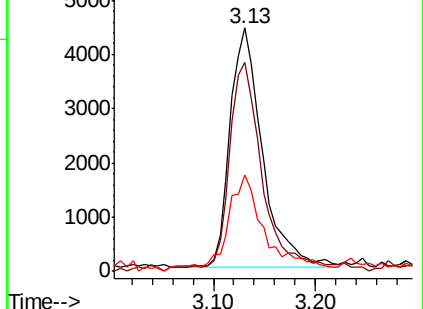
51 40.3 29.4 44.2



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: 16.351 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011948.D

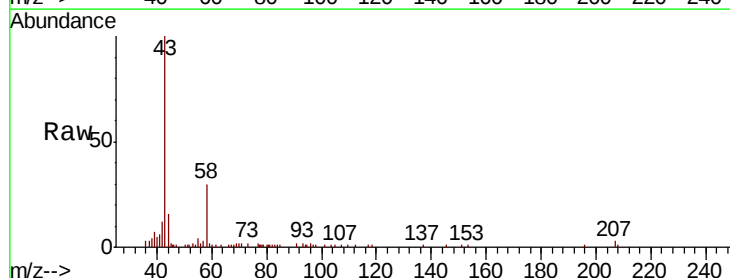
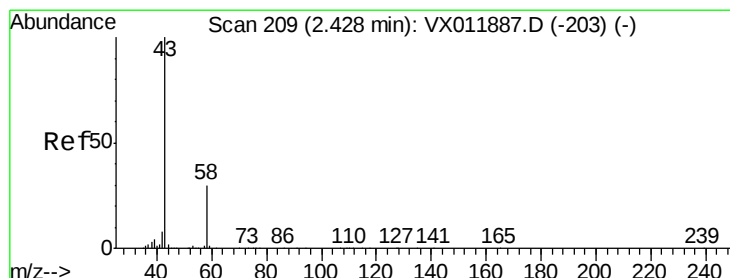
Acq: 31 Aug 2019 13:59

Tgt Ion: 43 Resp: 12301

Ion Ratio Lower Upper

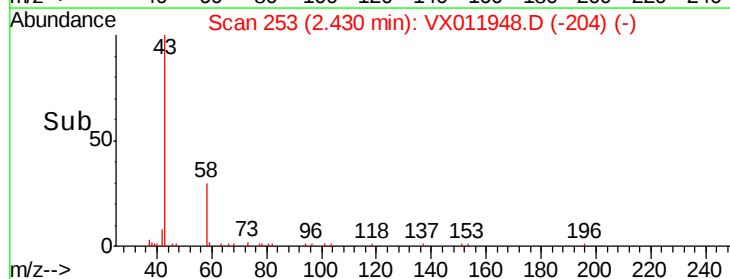
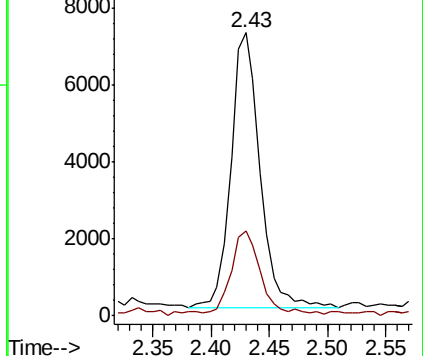
43 100

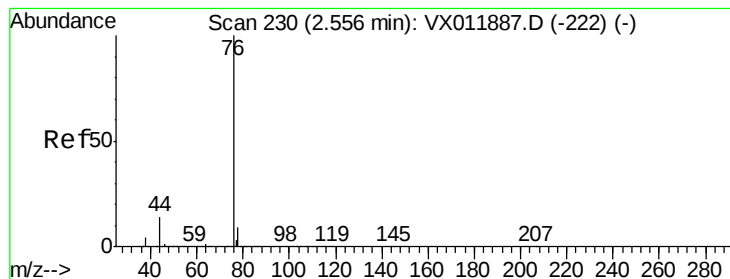
58 29.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 2.430 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

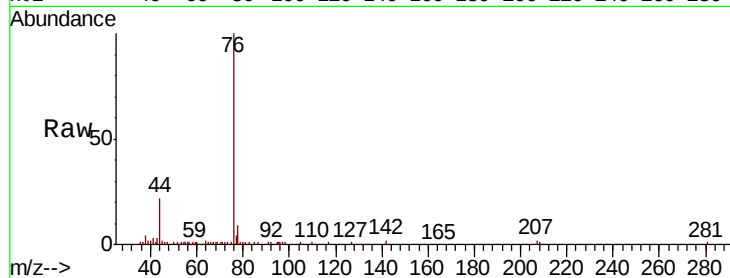
MDL07

Tgt Ion: 76 Resp: 17867

Ion Ratio Lower Upper

76 100

78 9.1 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

12000

10000

8000

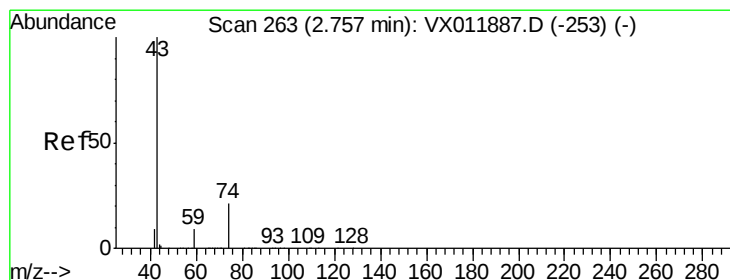
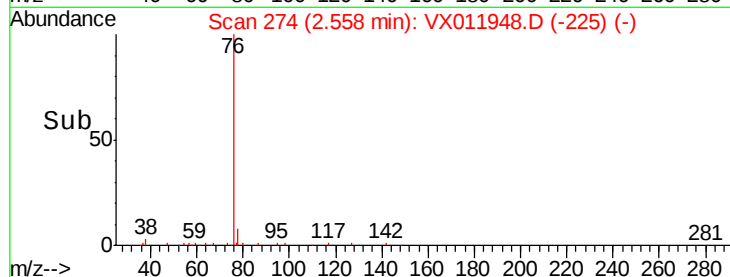
6000

4000

2000

0

Time-->



#18

Methyl Acetate

Concen: 2.805 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX011948.D

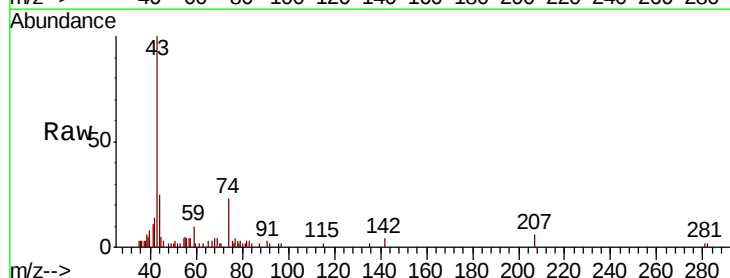
Acq: 31 Aug 2019 13:59

Tgt Ion: 43 Resp: 5842

Ion Ratio Lower Upper

43 100

74 27.9 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

4000

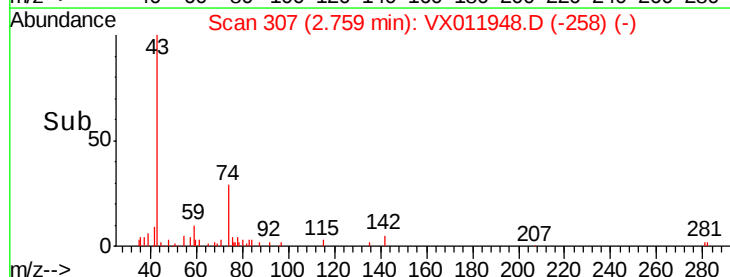
3000

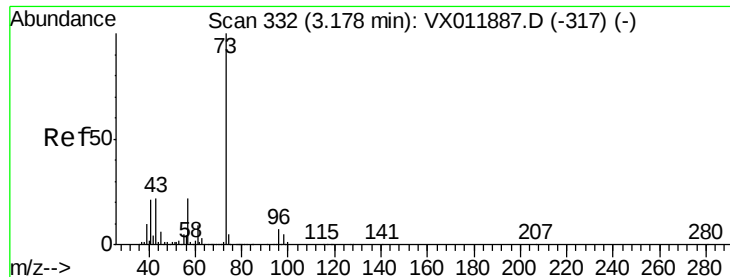
2000

1000

0

Time-->



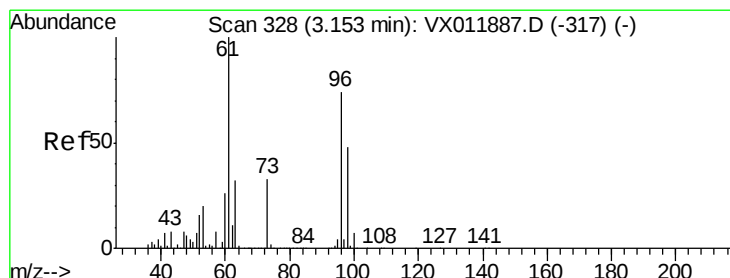
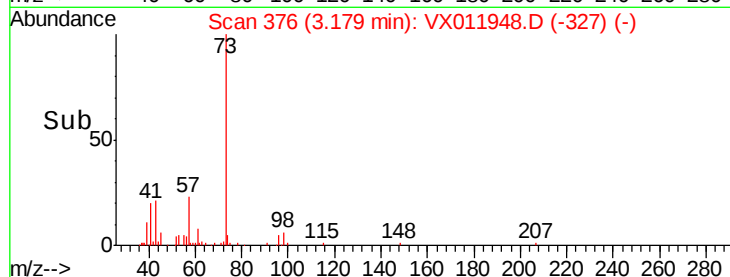
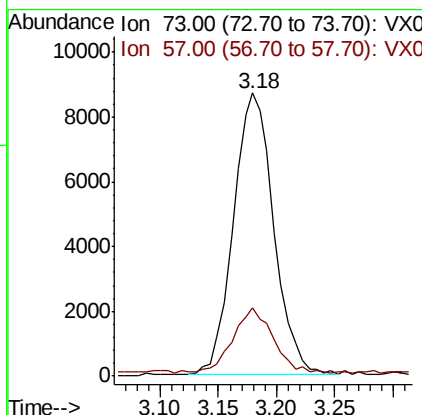
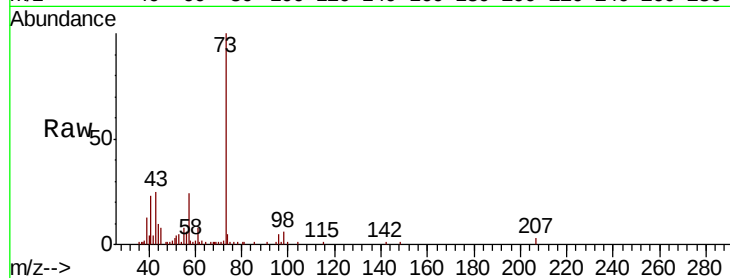


#19

Methyl tert-butyl Ether
 Concen: 2.504 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX011948.D
 Acq: 31 Aug 2019 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL07

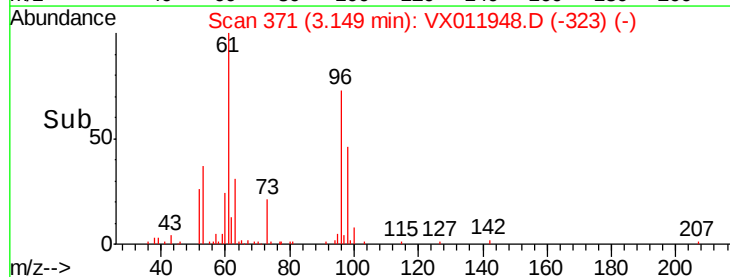
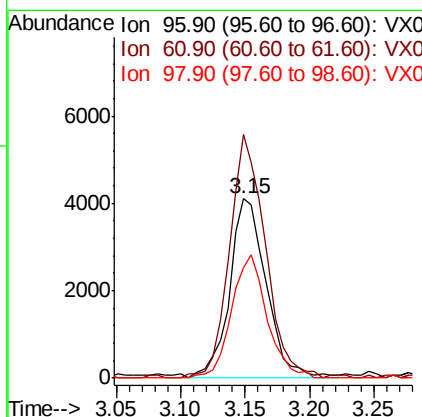
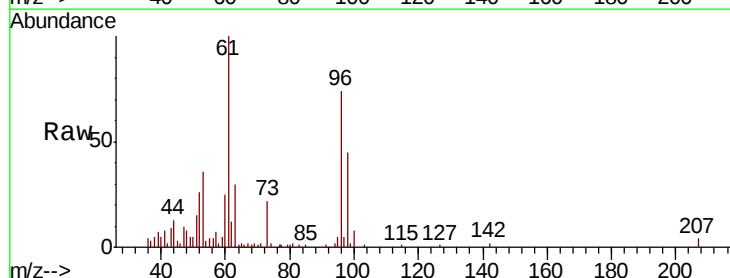
Tgt Ion: 73 Resp: 20790
 Ion Ratio Lower Upper
 73 100
 57 22.8 17.4 26.0

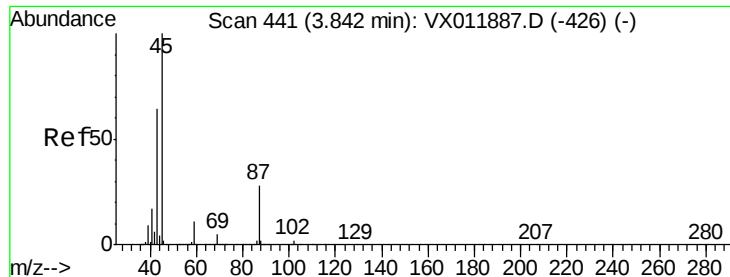


#21

trans-1,2-Dichloroethene
 Concen: 2.706 ug/l
 RT: 3.15 min Scan# 371
 Delta R.T. -0.00 min
 Lab File: VX011948.D
 Acq: 31 Aug 2019 13:59

Tgt Ion: 96 Resp: 8171
 Ion Ratio Lower Upper
 96 100
 61 134.4 107.4 161.2
 98 61.5 51.4 77.2





#22

Diisopropyl ether

Concen: 2.501 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

MDL07

Tgt Ion: 45 Resp: 24548

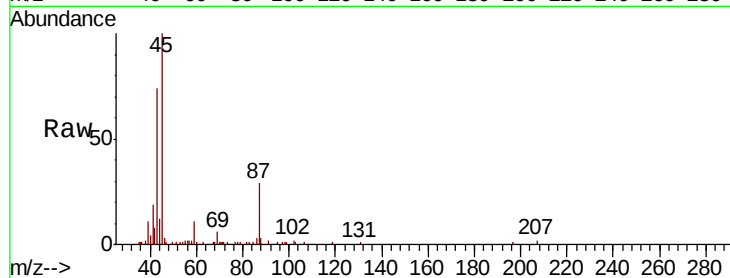
Ion Ratio Lower Upper

45 100

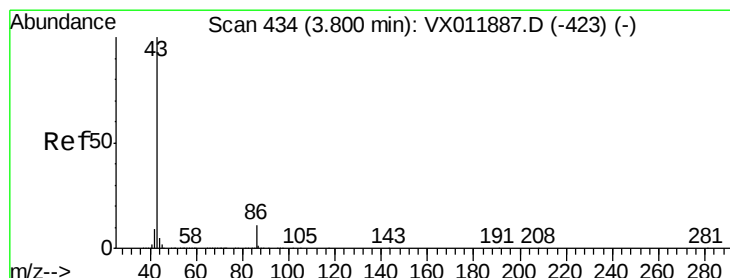
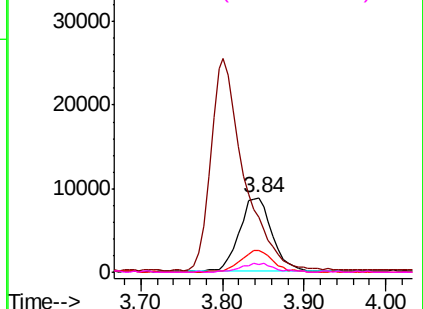
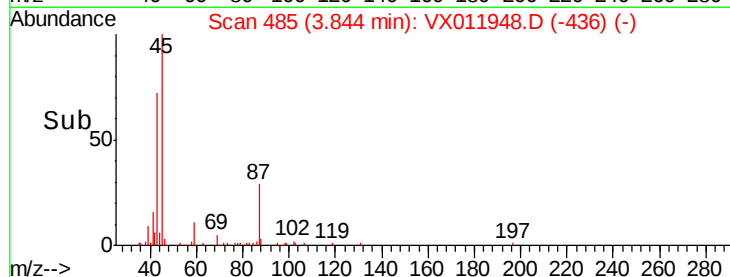
43 70.7 51.0 76.6

87 29.0 22.0 33.0

59 10.7 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: 11.367 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX011948.D

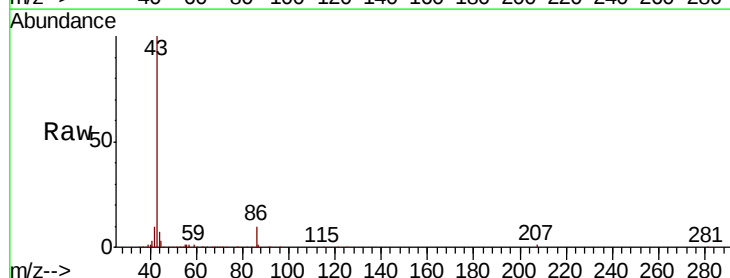
Acq: 31 Aug 2019 13:59

Tgt Ion: 43 Resp: 71734

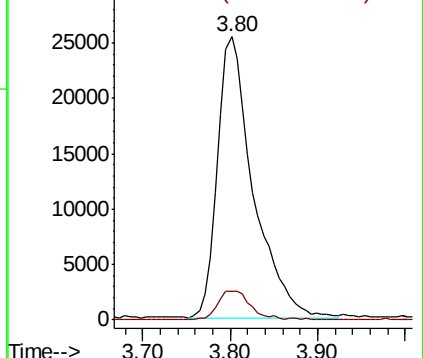
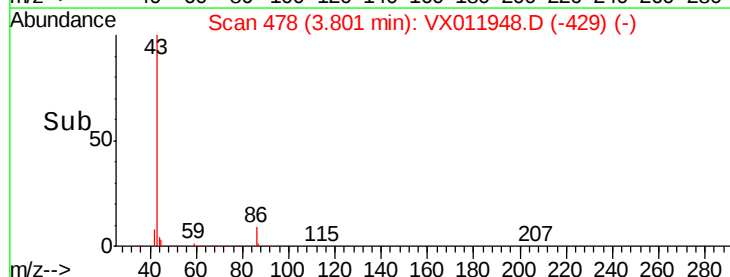
Ion Ratio Lower Upper

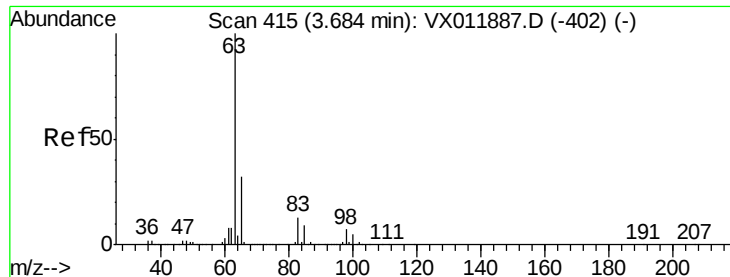
43 100

86 10.1 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: 2.629 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

MDL07

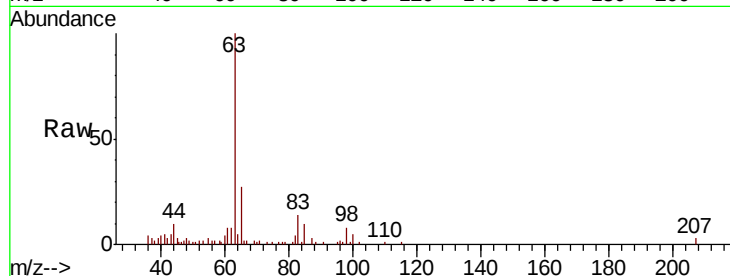
Tgt Ion: 63 Resp: 14228

Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.2

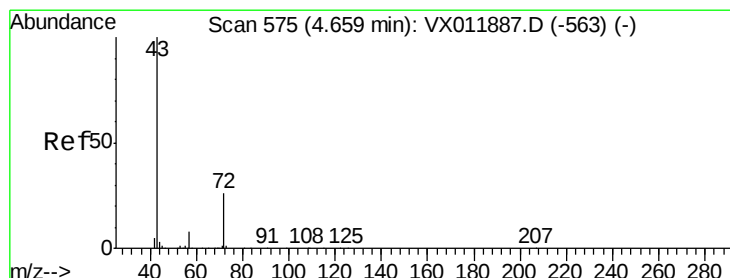
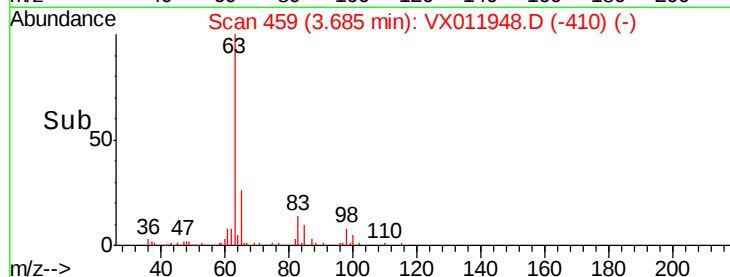
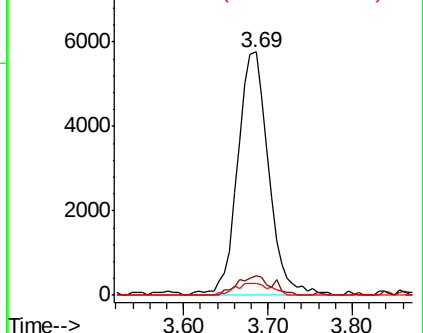
100 4.7 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#25

2-Butanone

Concen: 12.191 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX011948.D

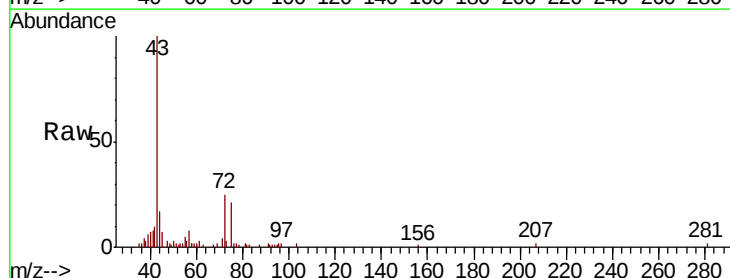
Acq: 31 Aug 2019 13:59

Tgt Ion: 43 Resp: 13358

Ion Ratio Lower Upper

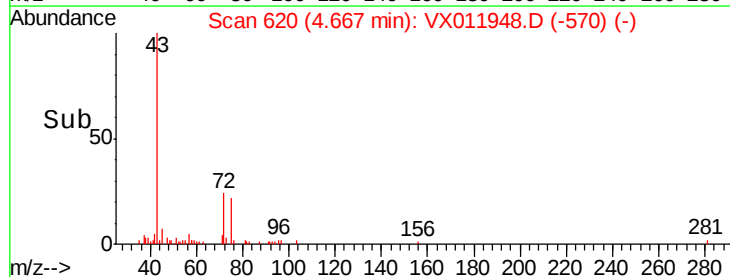
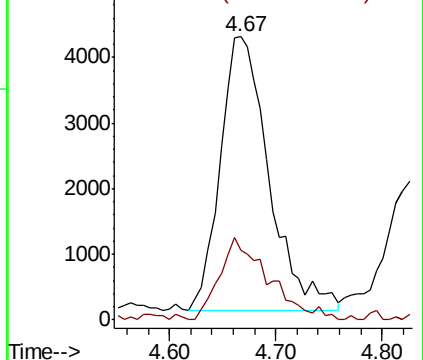
43 100

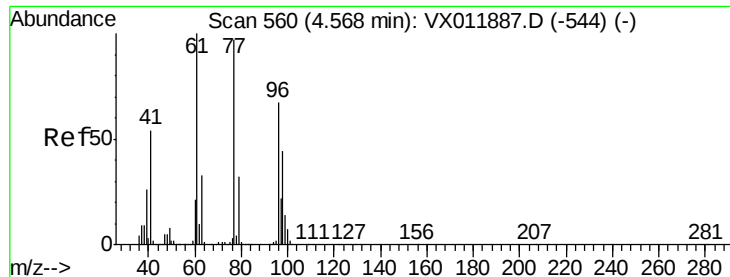
72 25.7 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

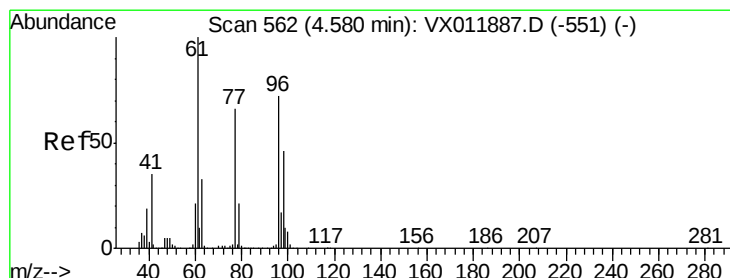
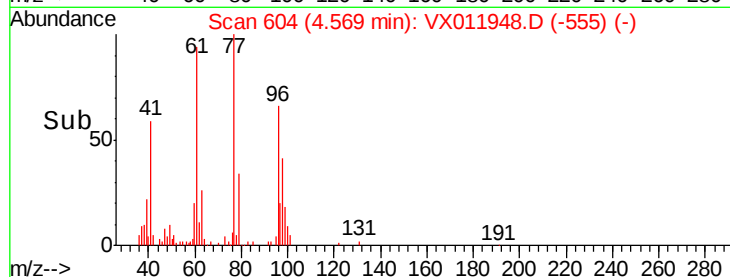
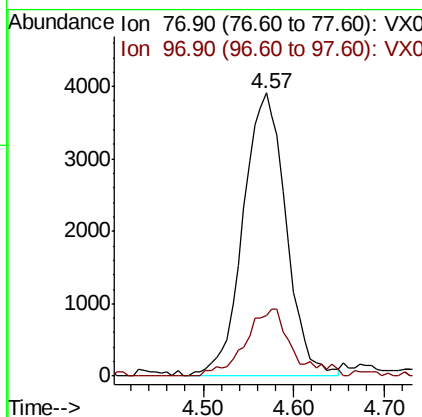
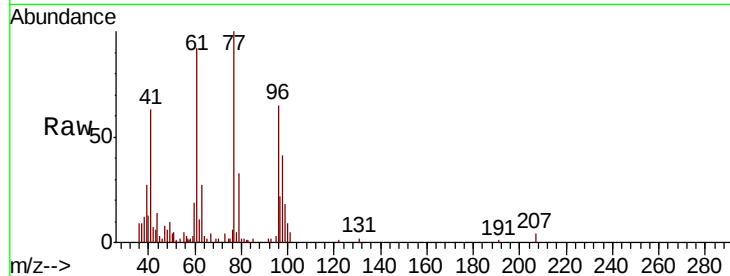




#26
 2,2-Dichloropropane
 Concen: 2.821 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VX011948.D
 Acq: 31 Aug 2019 13:59

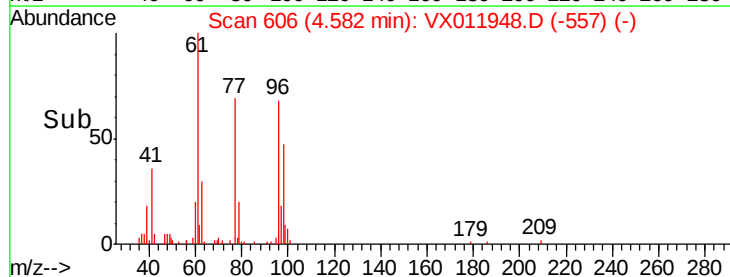
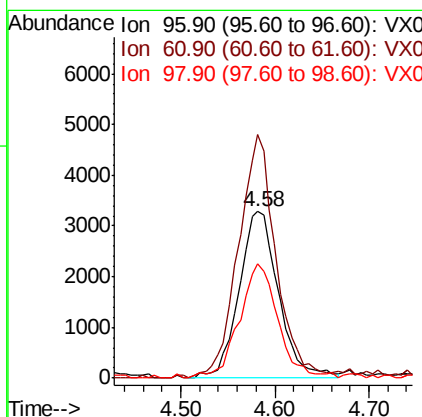
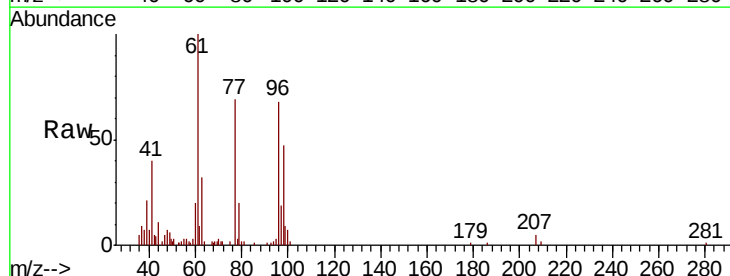
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL07

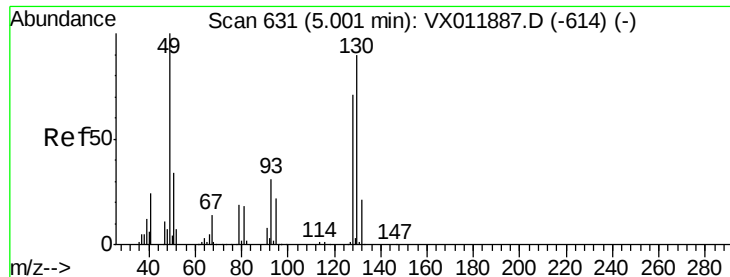
Tgt Ion: 77 Resp: 12809
 Ion Ratio Lower Upper
 77 100
 97 25.7 11.7 35.1



#27
 cis-1,2-Dichloroethene
 Concen: 2.715 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX011948.D
 Acq: 31 Aug 2019 13:59

Tgt Ion: 96 Resp: 9654
 Ion Ratio Lower Upper
 96 100
 61 138.8 0.0 283.8
 98 67.4 0.0 131.2





#28

Bromochloromethane

Concen: 2.114 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

MDL07

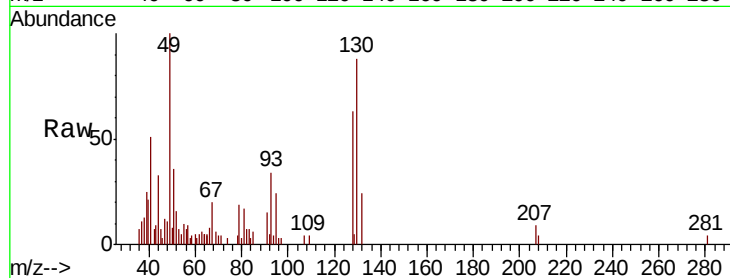
Tgt Ion: 49 Resp: 5135

Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.8

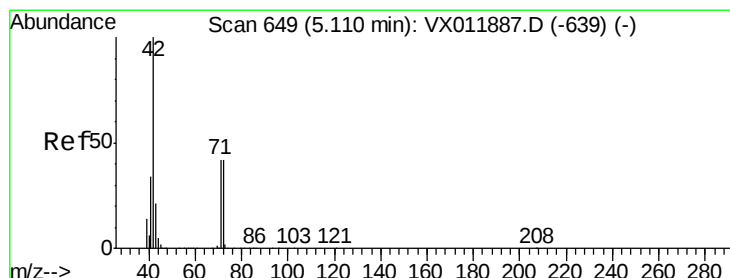
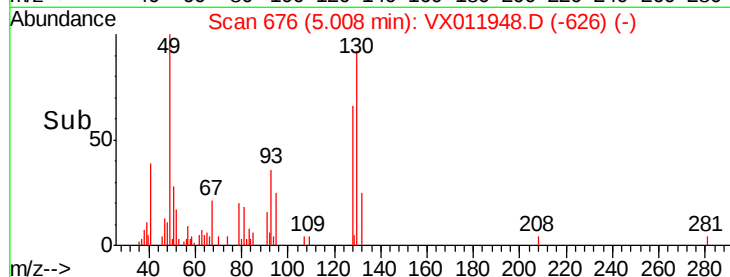
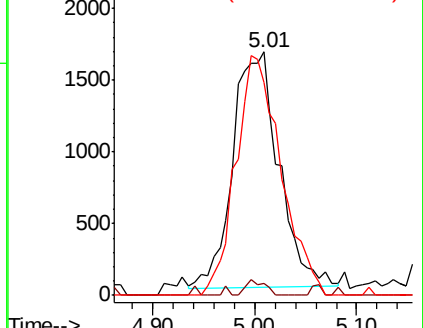
130 99.9 70.6 105.8



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: 12.410 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

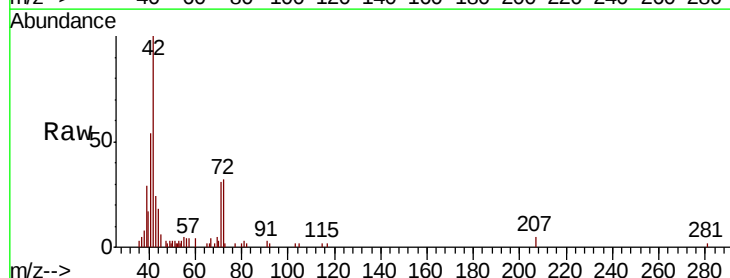
Tgt Ion: 42 Resp: 8487

Ion Ratio Lower Upper

42 100

72 50.9 36.2 54.4

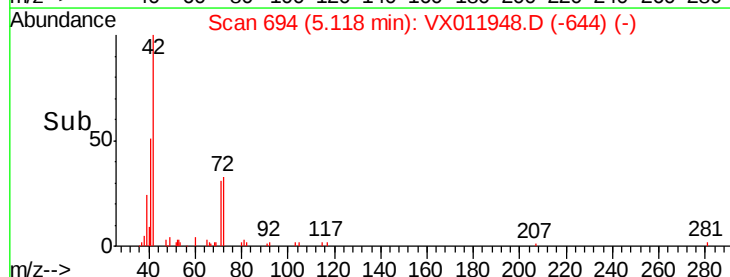
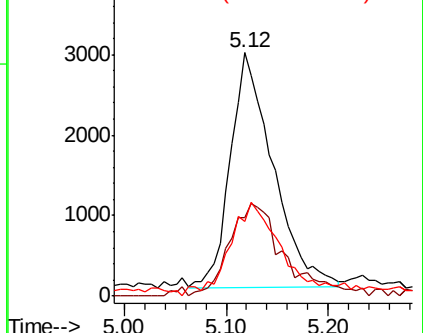
71 52.1 33.1 49.7#

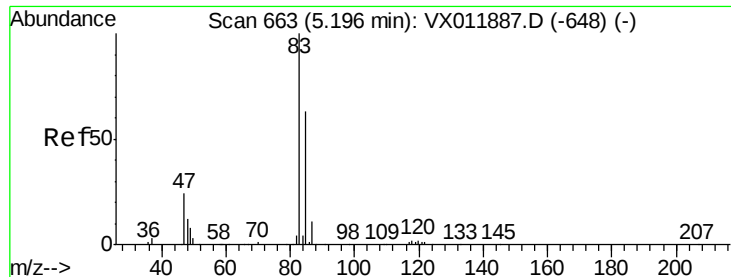


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

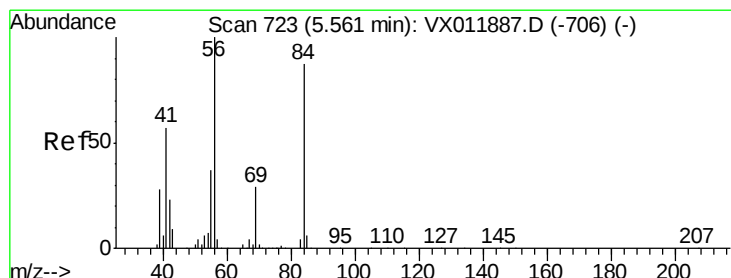
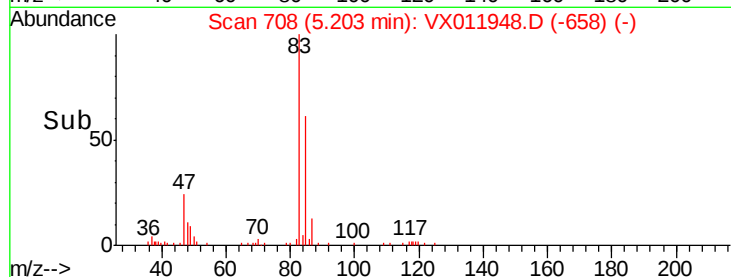
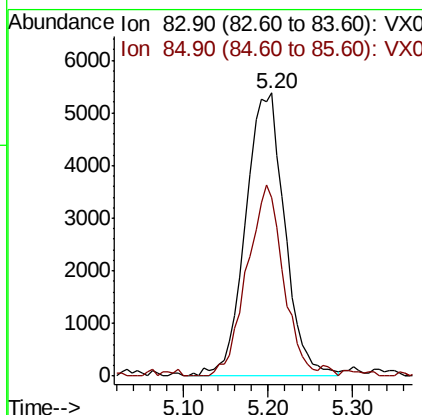
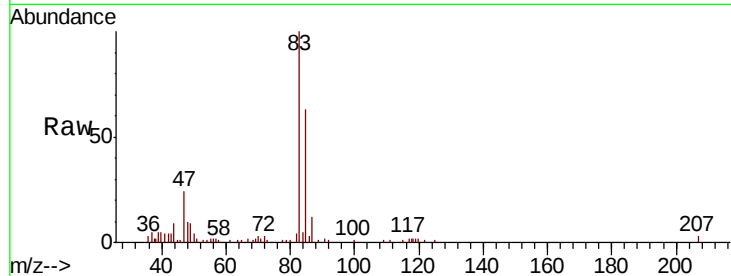




#30
Chloroform
Concen: 2.948 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX011948.D
Acq: 31 Aug 2019 13:59

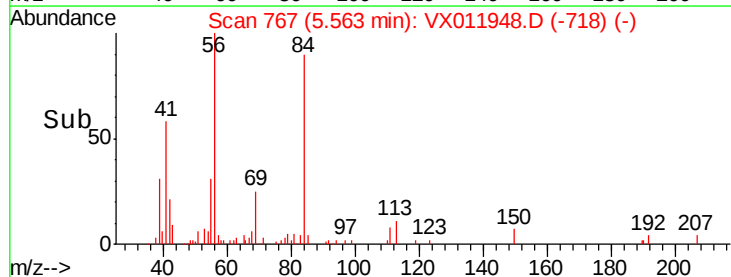
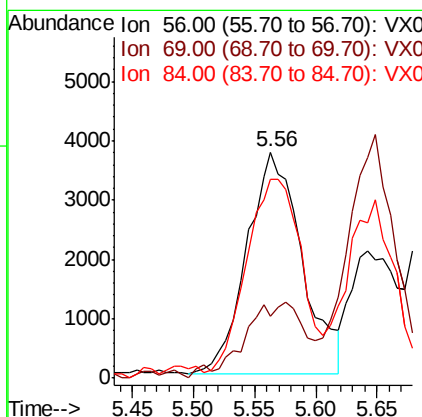
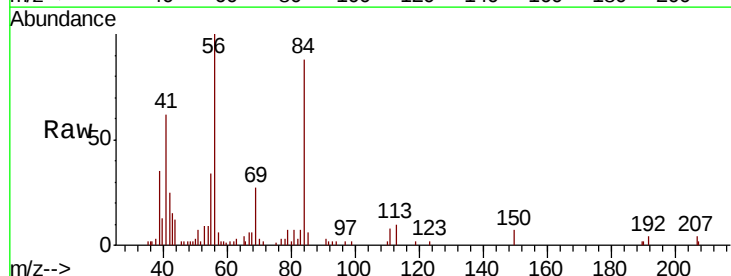
Instrument :
MSVOA_X
ClientSampleId :
MDL07

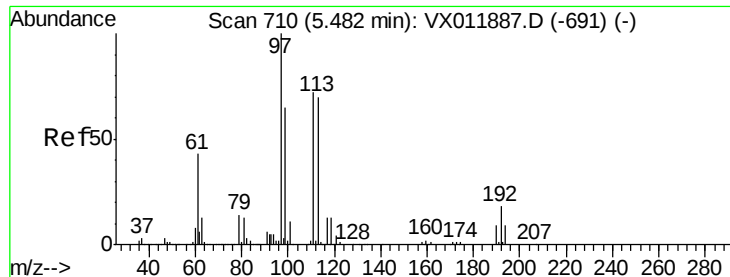
Tgt Ion: 83 Resp: 17059
Ion Ratio Lower Upper
83 100
85 62.9 50.6 75.8



#31
Cyclohexane
Concen: 2.688 ug/l
RT: 5.56 min Scan# 767
Delta R.T. 0.00 min
Lab File: VX011948.D
Acq: 31 Aug 2019 13:59

Tgt Ion: 56 Resp: 11736
Ion Ratio Lower Upper
56 100
69 27.7 23.1 34.7
84 85.2 69.6 104.4





#32

1,1,1-Trichloroethane

Concen: 2.720 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

MDL07

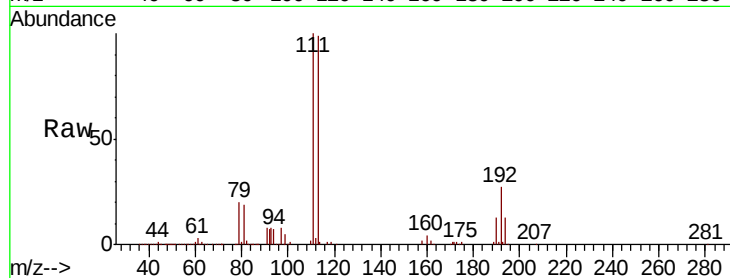
Tgt Ion: 97 Resp: 13983

Ion Ratio Lower Upper

97 100

99 62.7 51.8 77.8

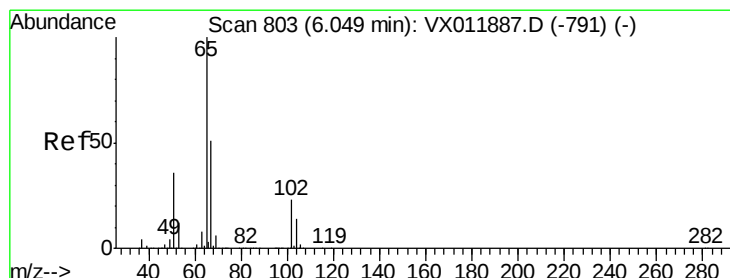
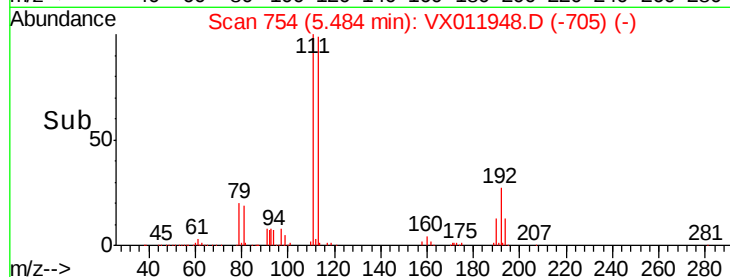
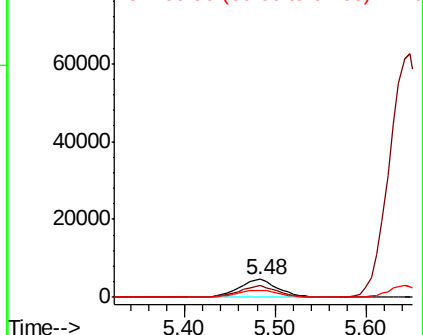
61 43.5 33.8 50.6



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.047 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX011948.D

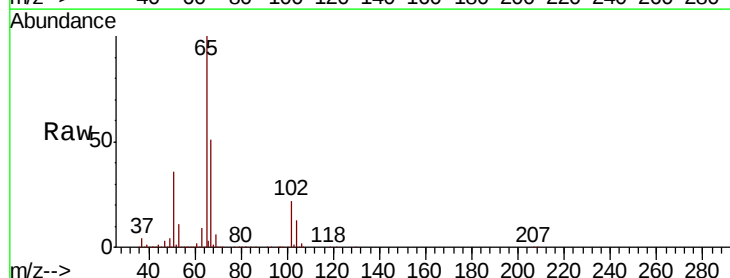
Acq: 31 Aug 2019 13:59

Tgt Ion: 65 Resp: 171490

Ion Ratio Lower Upper

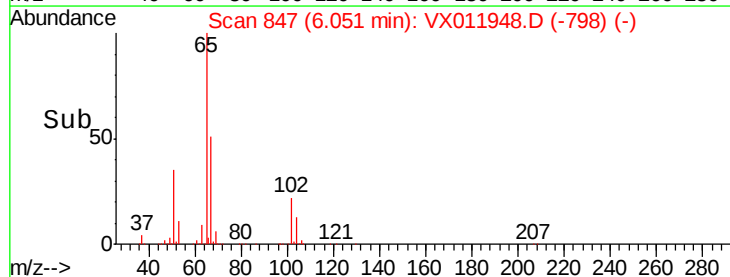
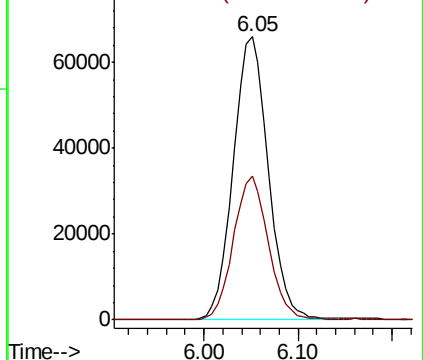
65 100

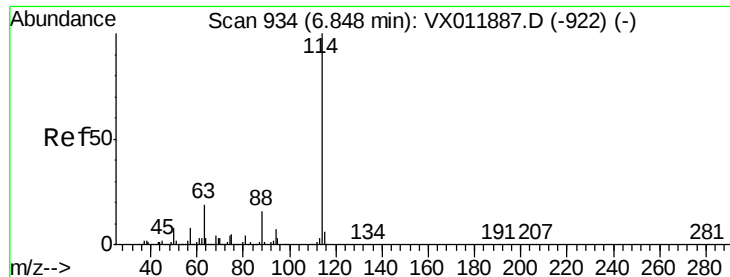
67 50.2 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

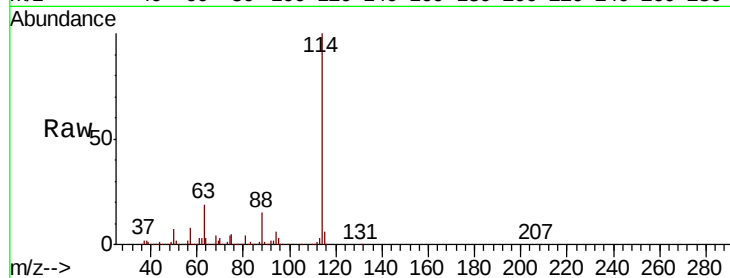
Instrument :

MSVOA_X

ClientSampleId :

MDL07

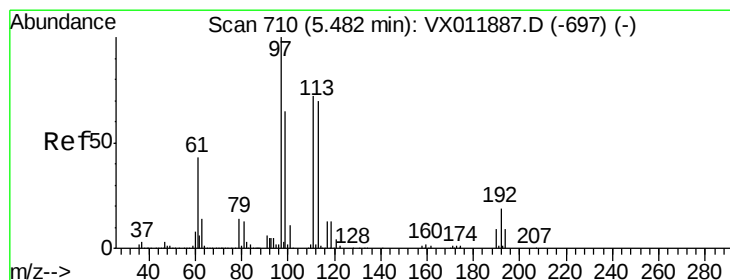
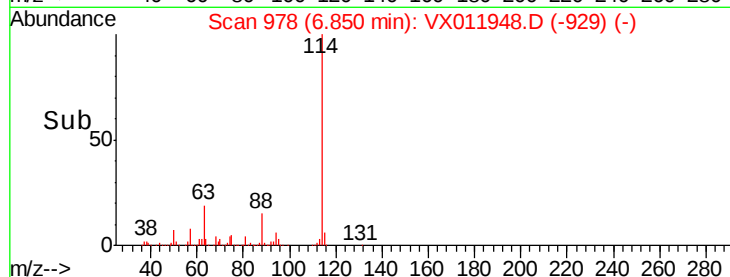
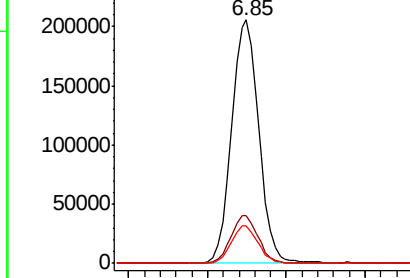
Tgt Ion:	114	Resp:	493151
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.8
88	15.3	0.0	31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 50.510 ug/l

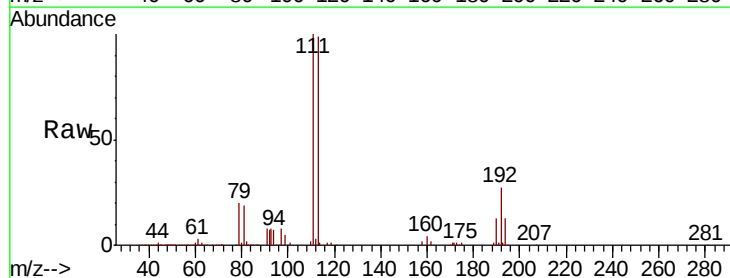
RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

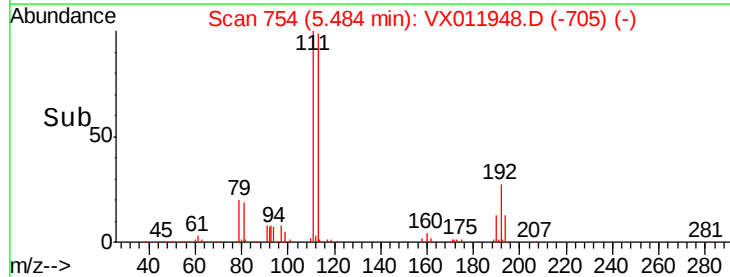
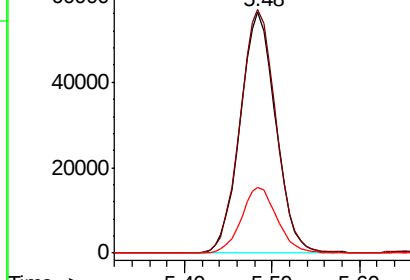
Tgt Ion:	113	Resp:	159728
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.1	123.1
192	27.3	21.5	32.3

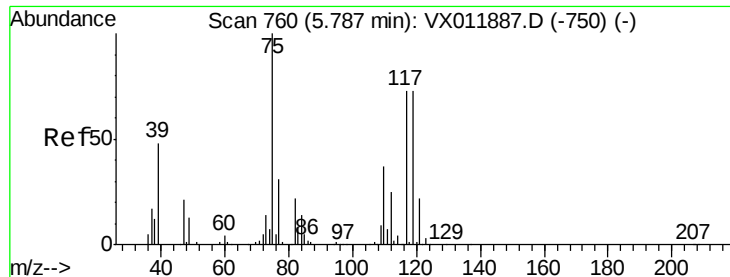


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

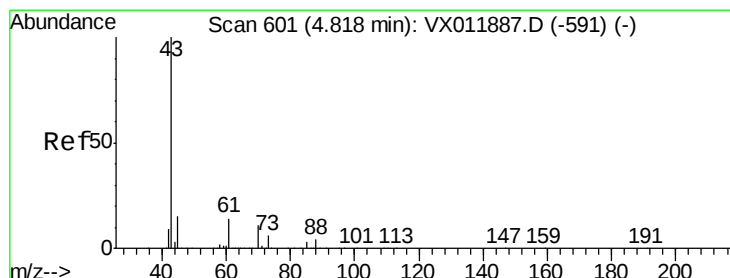
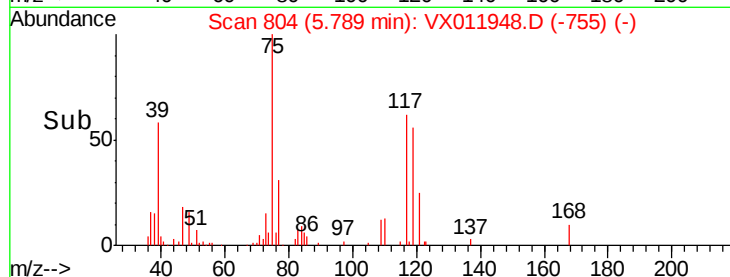
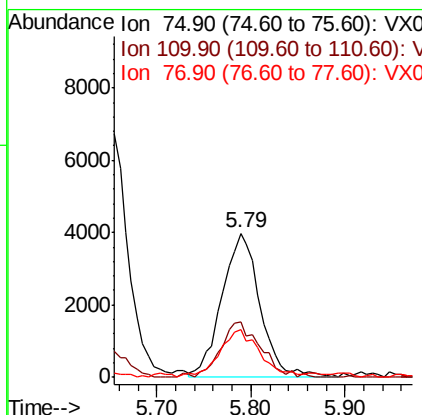
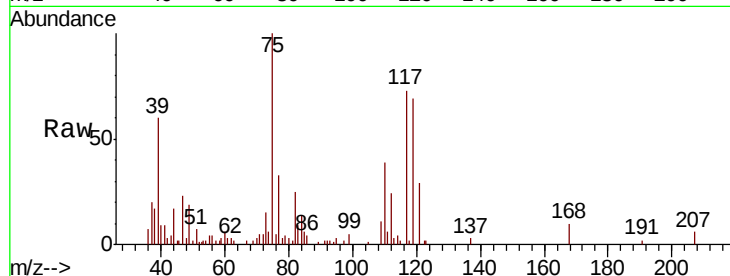




#36
 1,1-Dichloropropene
 Concen: 2.865 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011948.D
 Acq: 31 Aug 2019 13:59

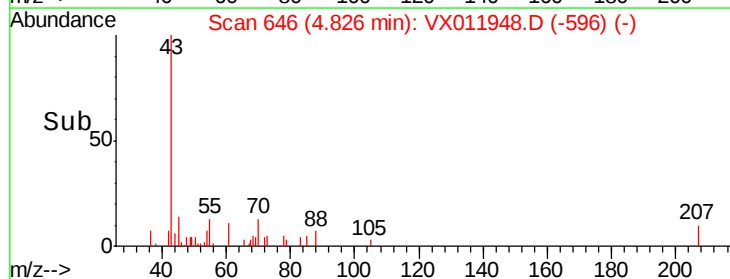
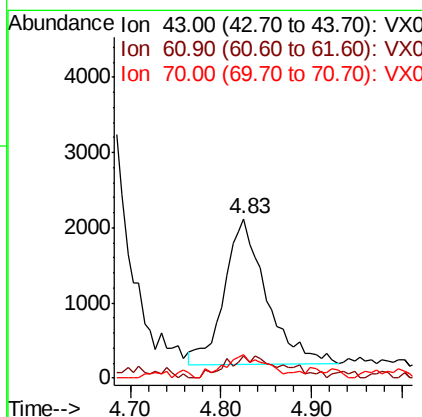
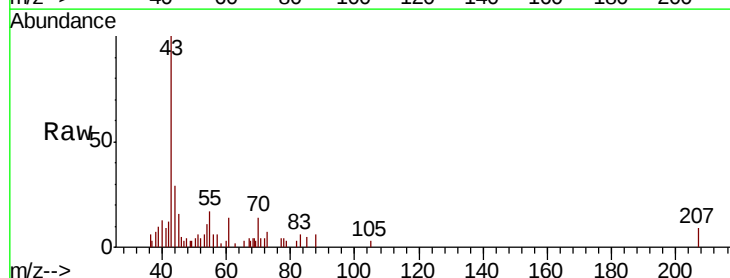
Instrument :
 MSVOA_X
 ClientSampled :
 MDL07

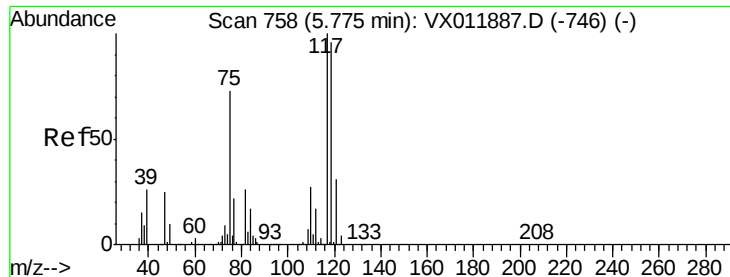
Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.3	19.1	57.3
77	34.9	24.4	36.6



#37
 Ethyl Acetate
 Concen: 2.702 ug/l
 RT: 4.83 min Scan# 646
 Delta R.T. 0.01 min
 Lab File: VX011948.D
 Acq: 31 Aug 2019 13:59

Tgt Ion	Ratio	Lower	Upper
43	100		
61	9.1	11.0	16.4#
70	16.3	9.2	13.8#





#38

Carbon Tetrachloride

Concen: 2.741 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

Instrument :

MSVOA_X

ClientSampled :

MDL07

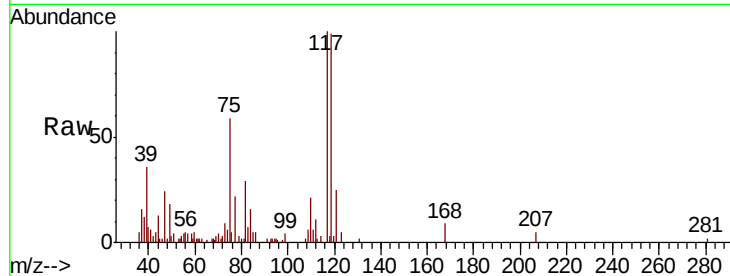
Tgt Ion:117 Resp: 12422

Ion Ratio Lower Upper

117 100

119 99.3 76.6 114.8

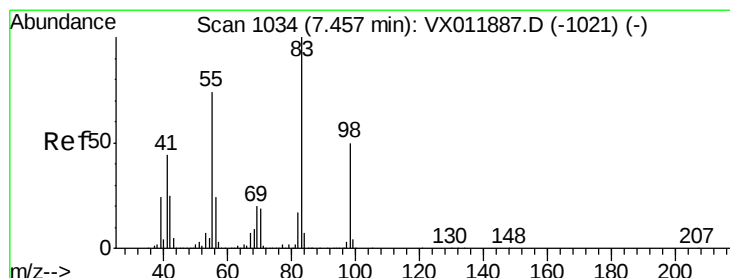
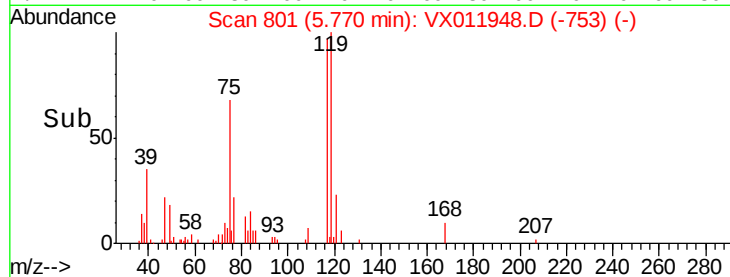
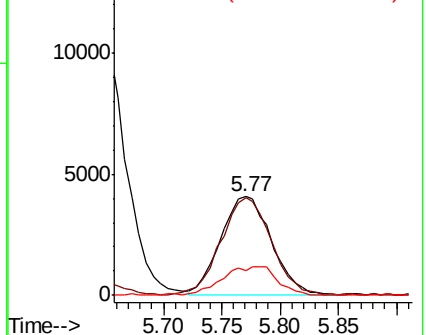
121 25.2 24.7 37.1



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: 2.801 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

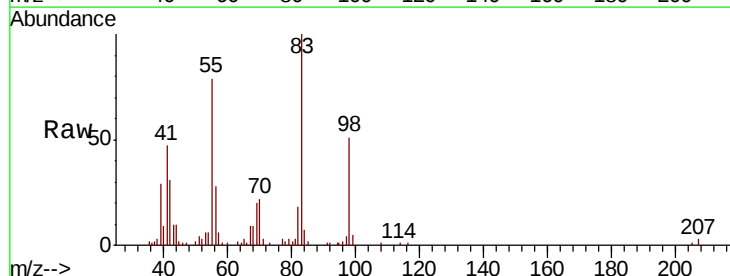
Tgt Ion: 83 Resp: 13037

Ion Ratio Lower Upper

83 100

55 76.9 59.4 89.0

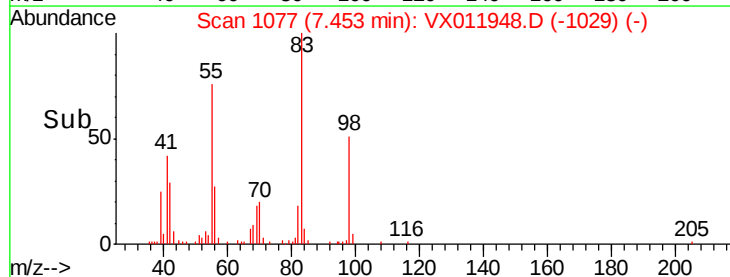
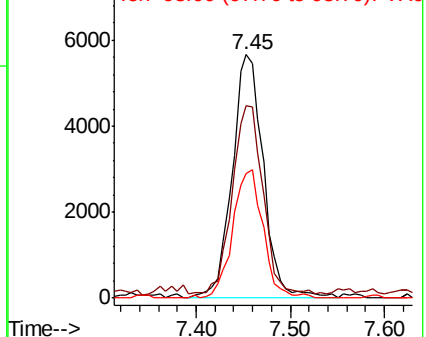
98 51.2 40.3 60.5

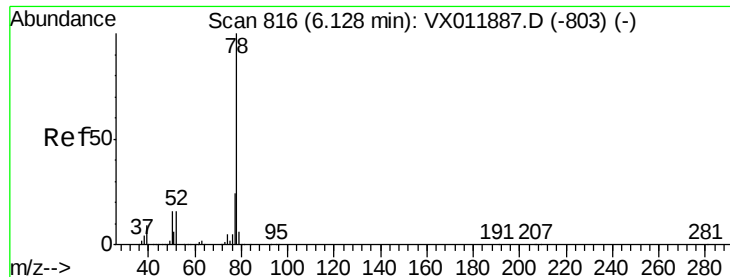


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 2.664 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

Instrument :

MSVOA_X

ClientSampled :

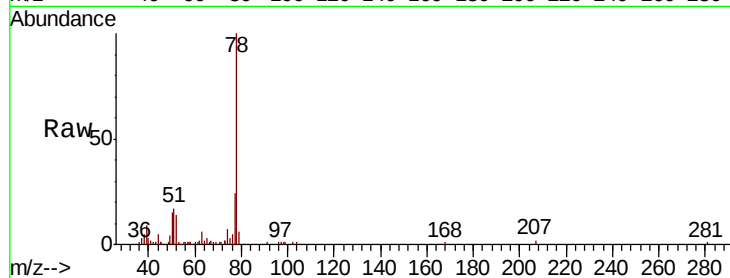
MDL07

Tgt Ion: 78 Resp: 31069

Ion Ratio Lower Upper

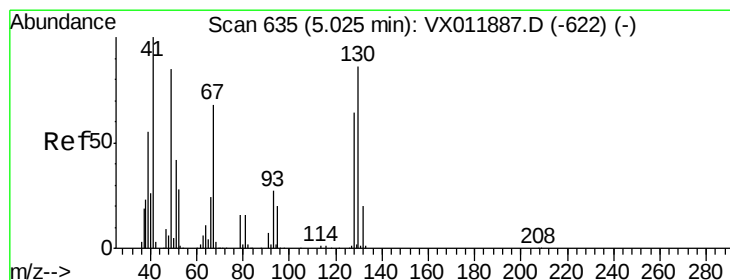
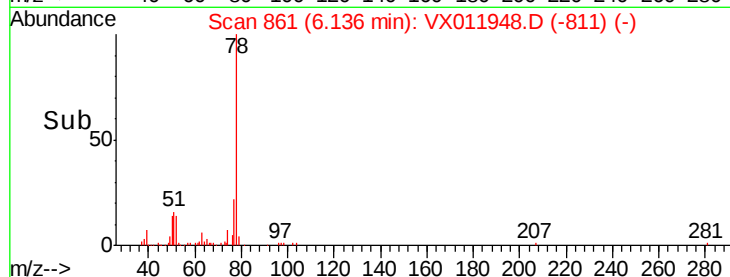
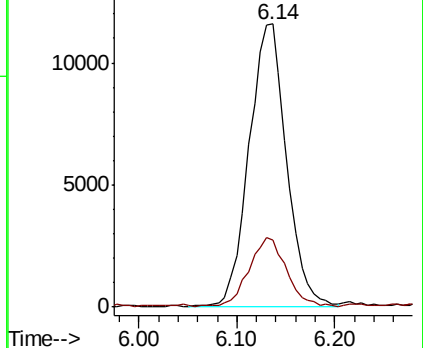
78 100

77 23.7 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 2.268 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

Tgt Ion: 41 Resp: 3088

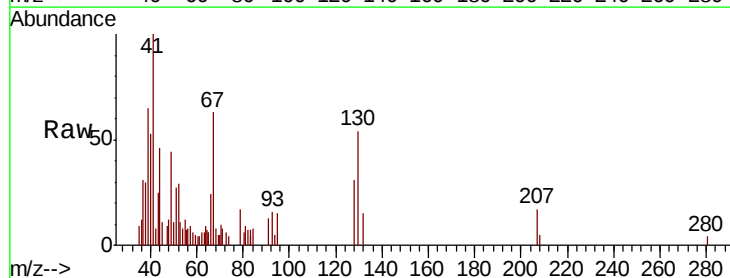
Ion Ratio Lower Upper

41 100

39 60.7 45.0 67.6

67 81.4 55.0 82.4

52 48.1 24.1 36.1#

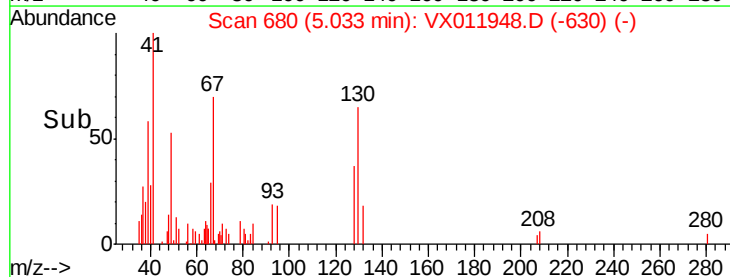
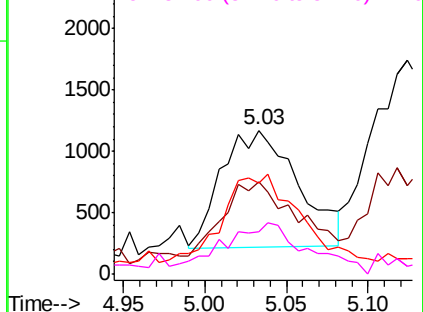


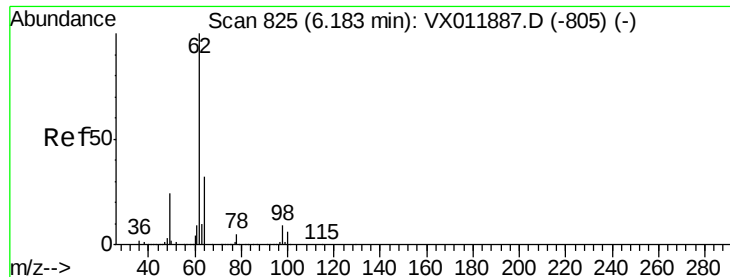
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#42

1,2-Dichloroethane

Concen: 2.895 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

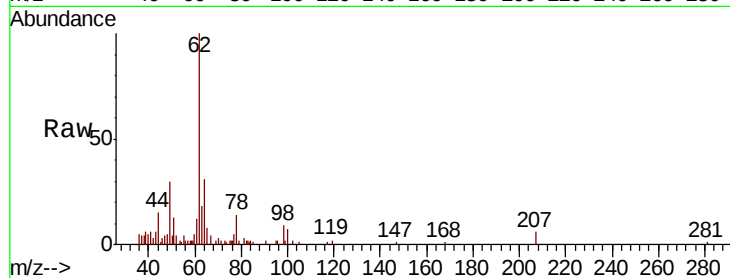
MDL07

Tgt Ion: 62 Resp: 11482

Ion Ratio Lower Upper

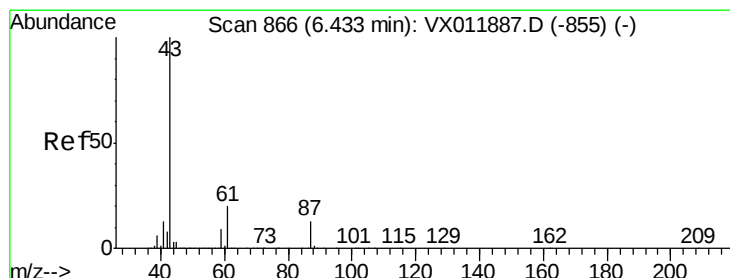
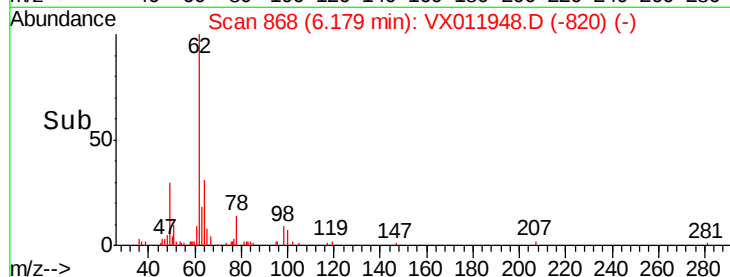
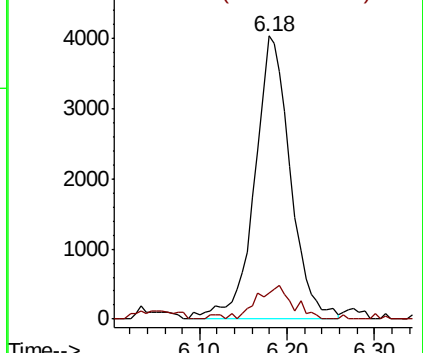
62 100

98 11.8 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: 2.518 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

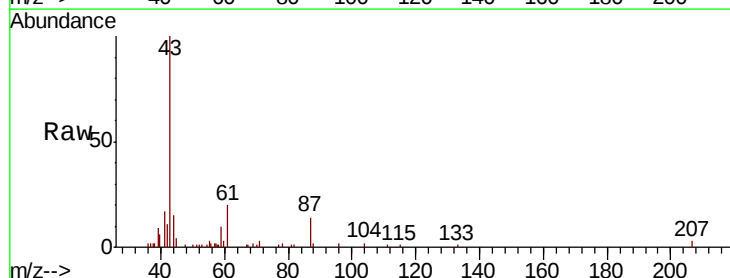
Tgt Ion: 43 Resp: 11807

Ion Ratio Lower Upper

43 100

61 23.2 16.1 24.1

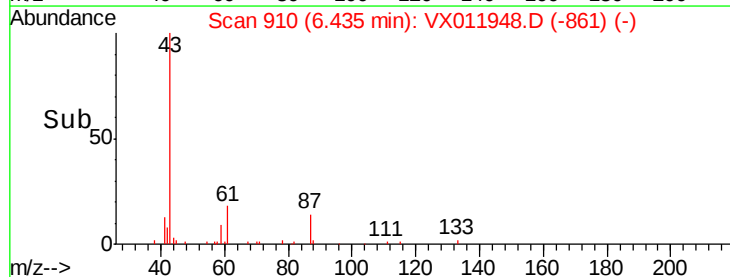
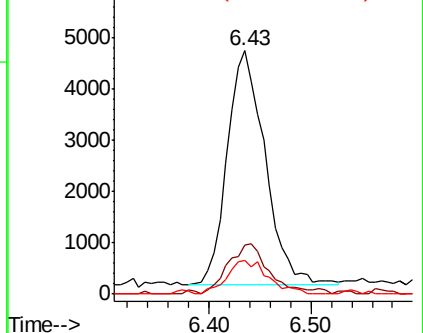
87 15.5 10.6 16.0

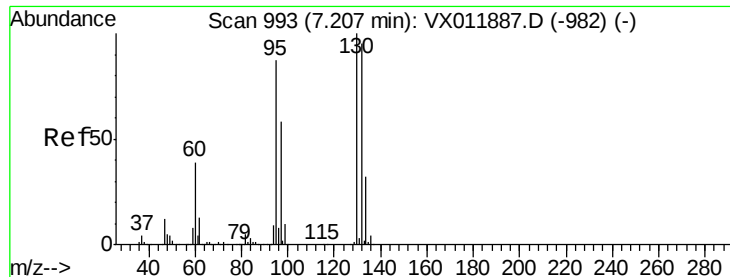


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

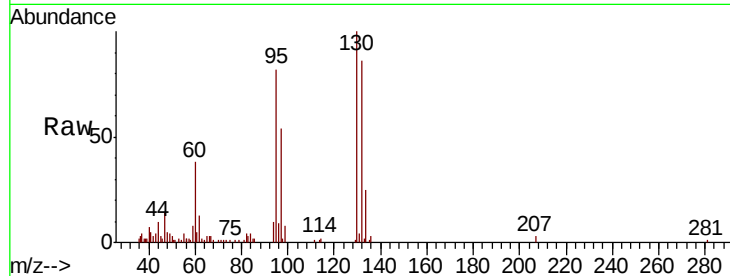




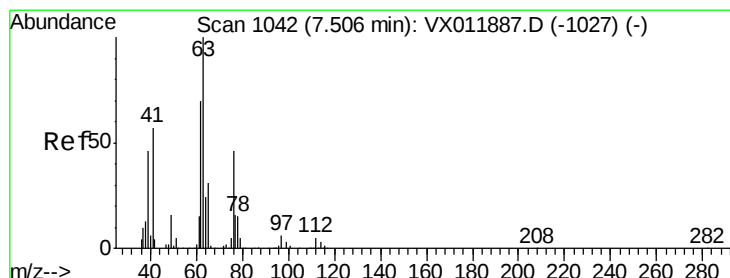
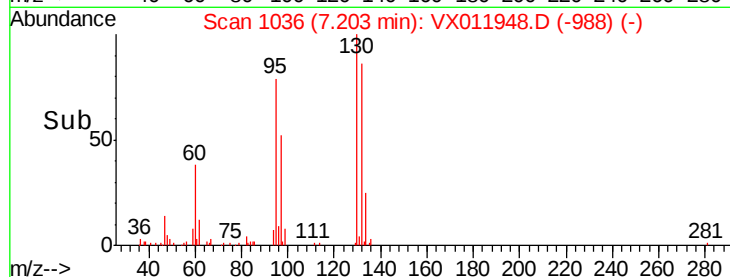
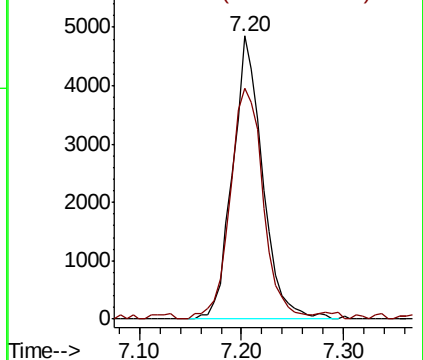
#44
 Trichloroethene
 Concen: 2.731 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX011948.D
 Acq: 31 Aug 2019 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL07

Tgt Ion:130 Resp: 9855
 Ion Ratio Lower Upper
 130 100
 95 81.5 0.0 174.6

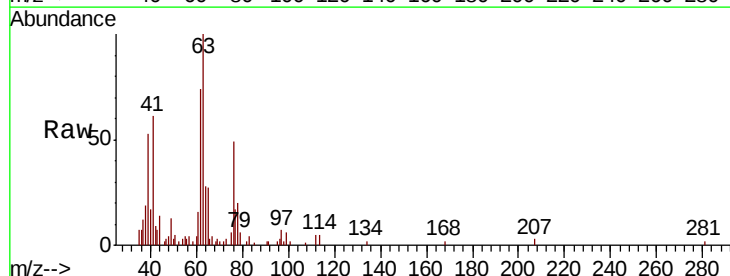


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

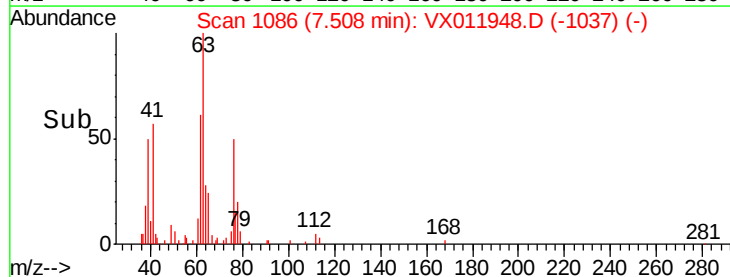
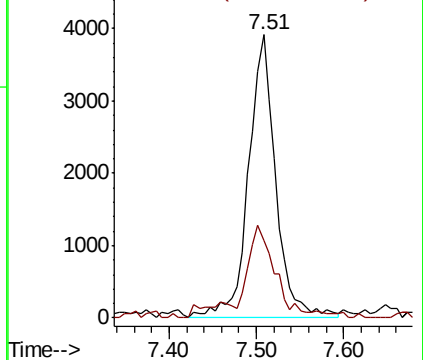


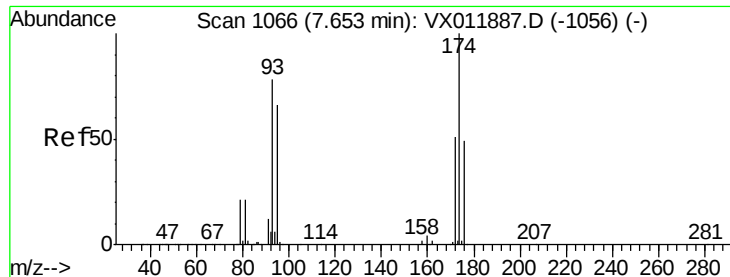
#45
 1,2-Dichloropropane
 Concen: 2.777 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX011948.D
 Acq: 31 Aug 2019 13:59

Tgt Ion: 63 Resp: 8470
 Ion Ratio Lower Upper
 63 100
 65 27.2 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: 2.751 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

MDL07

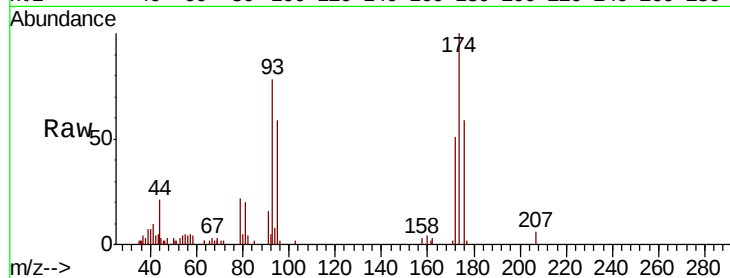
Tgt Ion: 93 Resp: 4981

Ion Ratio Lower Upper

93 100

95 82.6 65.7 98.5

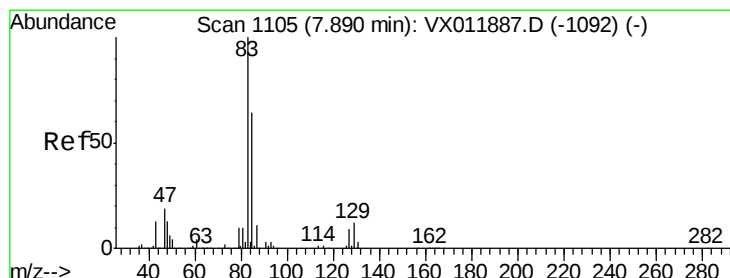
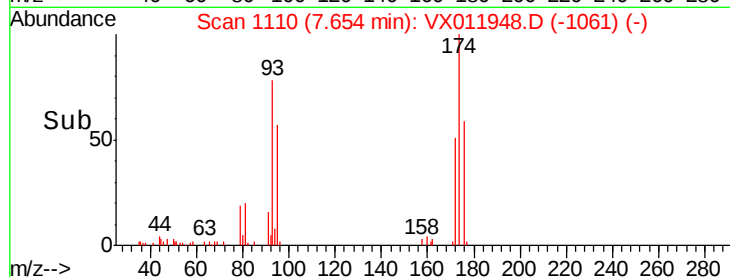
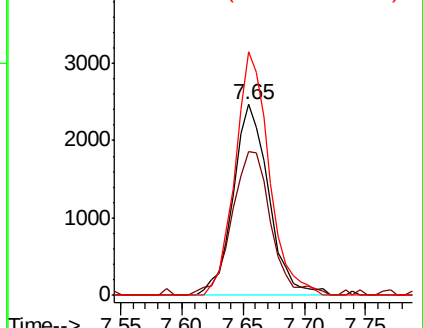
174 121.8 104.2 156.4



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: 2.629 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

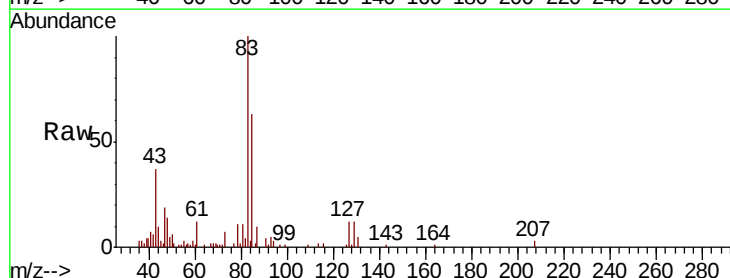
Tgt Ion: 83 Resp: 11804

Ion Ratio Lower Upper

83 100

85 63.1 51.1 76.7

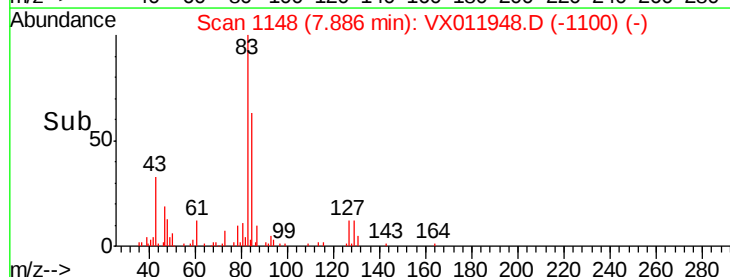
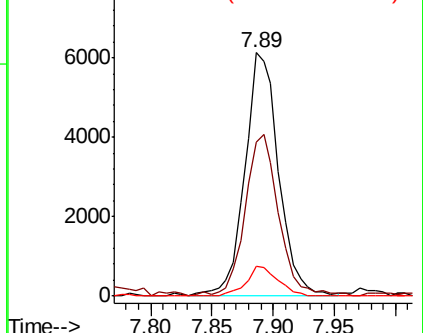
127 12.3 7.4 11.2#

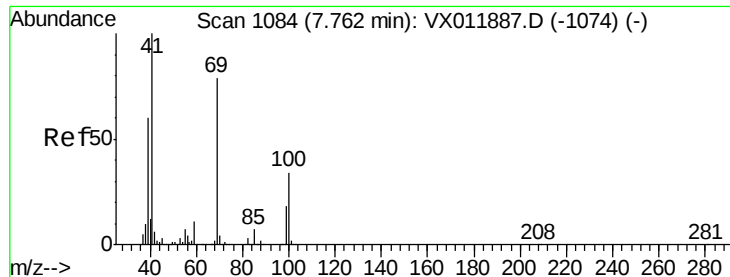


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

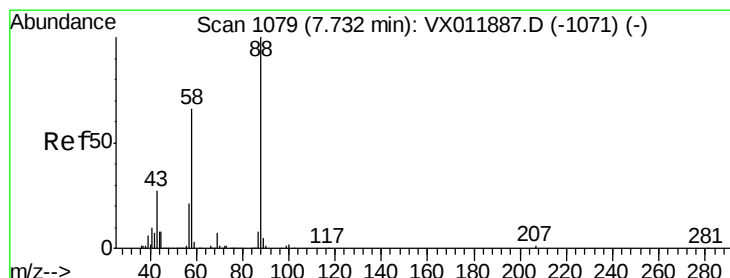
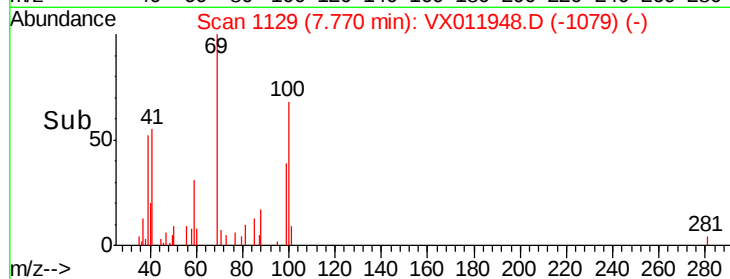
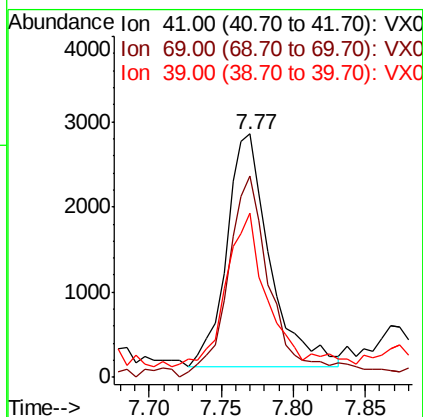
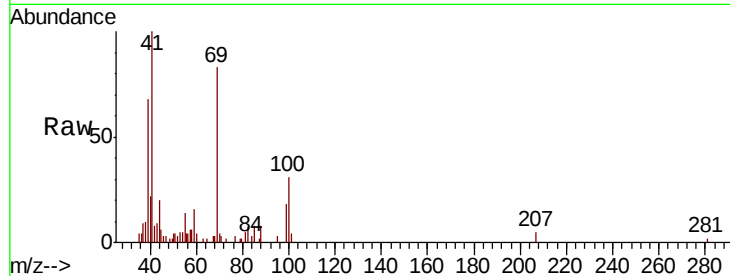




#48
Methyl methacrylate
Concen: 2.529 ug/l
RT: 7.77 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX011948.D
Acq: 31 Aug 2019 13:59

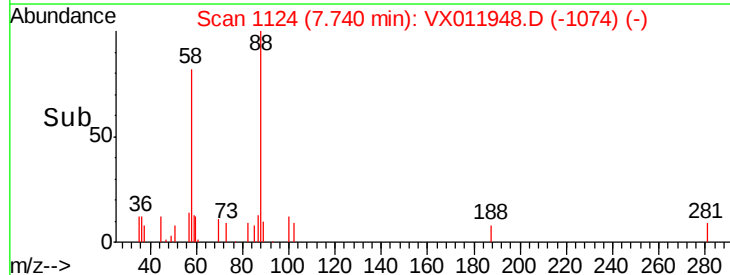
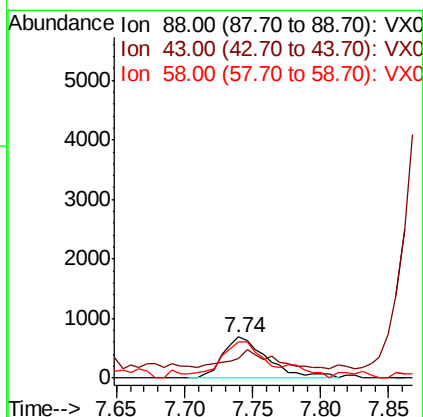
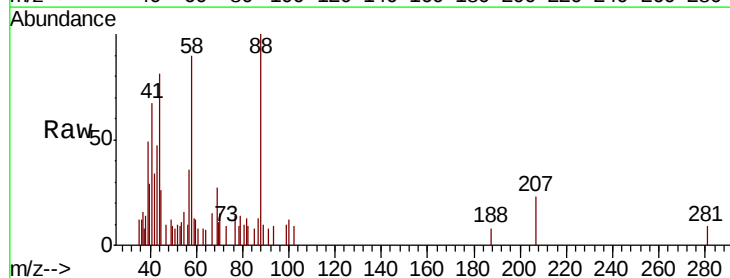
Instrument :
MSVOA_X
ClientSampleId :
MDL07

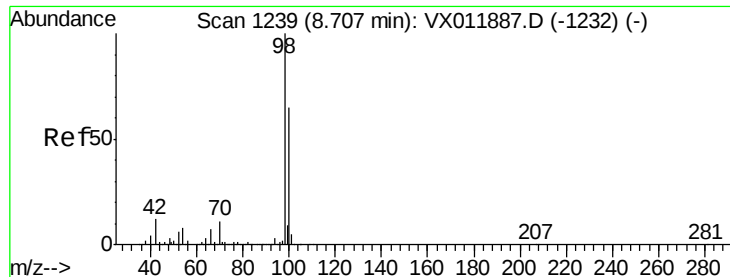
Tgt Ion: 41 Resp: 5769
Ion Ratio Lower Upper
41 100
69 88.3 64.4 96.6
39 64.3 47.2 70.8



#49
1,4-Dioxane
Concen: 50.012 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX011948.D
Acq: 31 Aug 2019 13:59

Tgt Ion: 88 Resp: 1569
Ion Ratio Lower Upper
88 100
43 41.6 27.3 40.9#
58 63.9 53.9 80.9

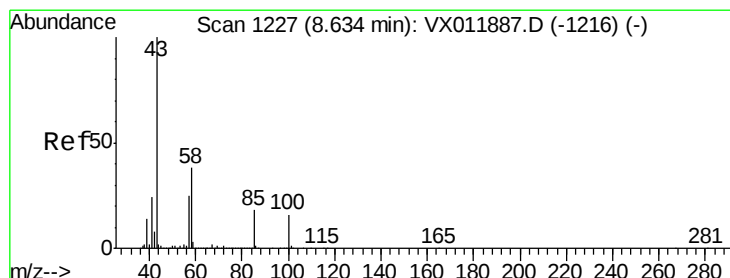
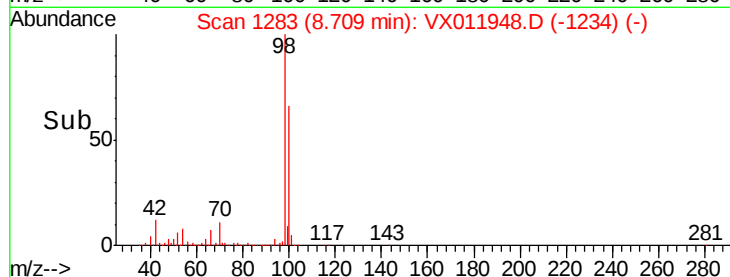
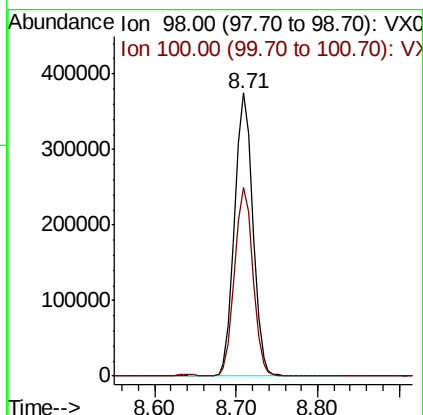
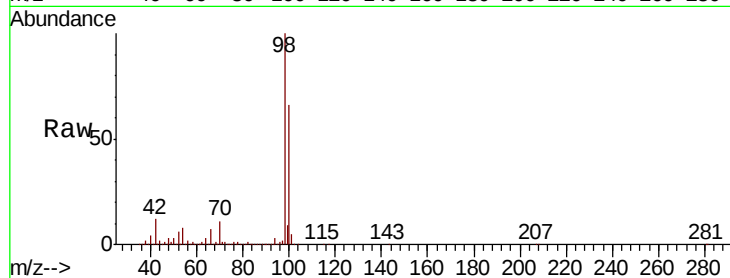




#50
Toluene-d8
Concen: 50.802 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011948.D
Acq: 31 Aug 2019 13:59

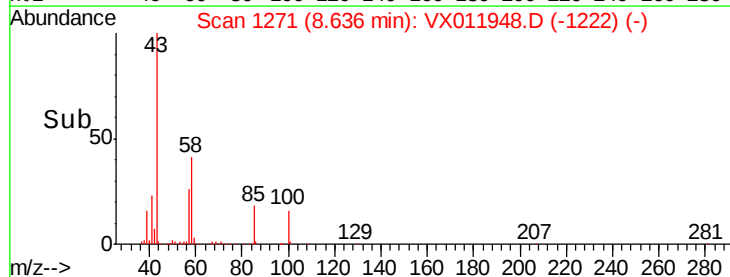
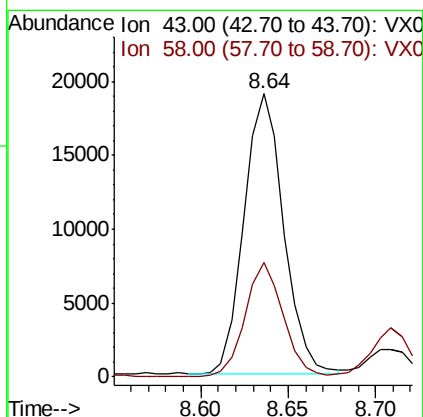
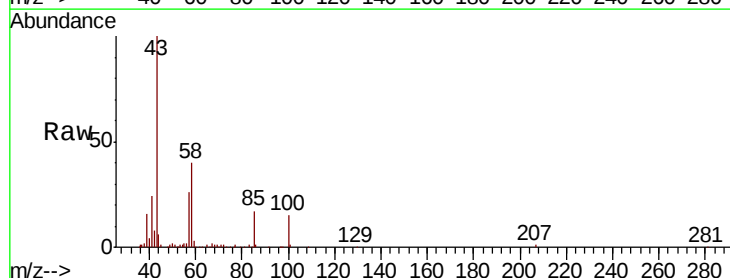
Instrument :
MSVOA_X
ClientSampleId :
MDL07

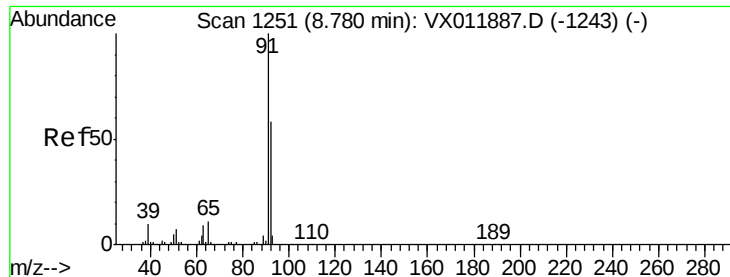
Tgt Ion: 98 Resp: 574276
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 12.626 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX011948.D
Acq: 31 Aug 2019 13:59

Tgt Ion: 43 Resp: 30074
Ion Ratio Lower Upper
43 100
58 39.1 30.9 46.3





#52

Toluene

Concen: 2.743 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

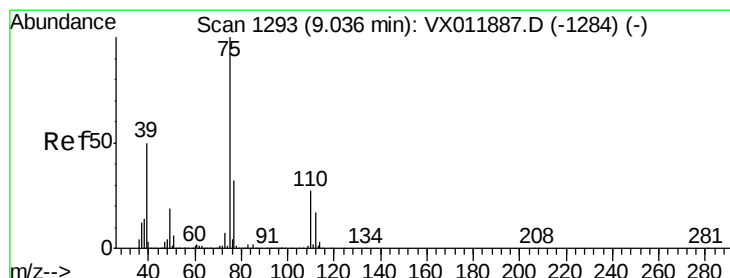
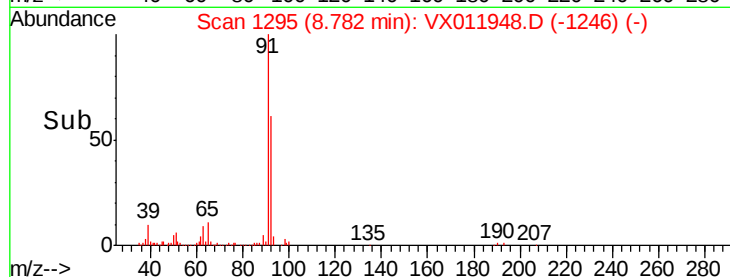
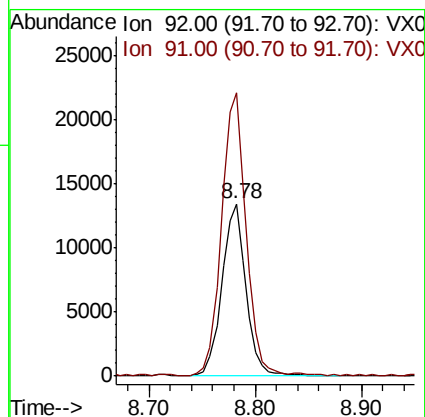
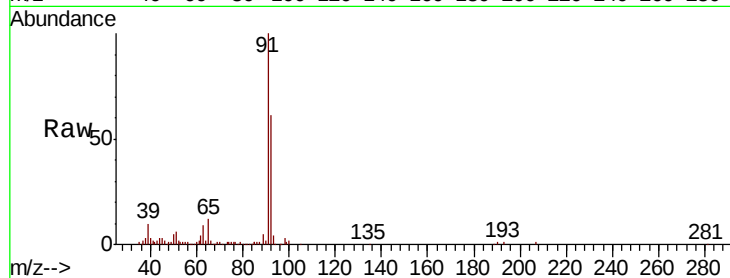
MDL07

Tgt Ion: 92 Resp: 21160

Ion Ratio Lower Upper

92 100

91 166.8 136.8 205.2



#53

t-1,3-Dichloropropene

Concen: 2.535 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX011948.D

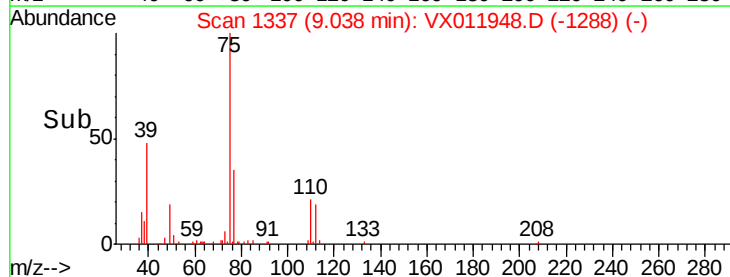
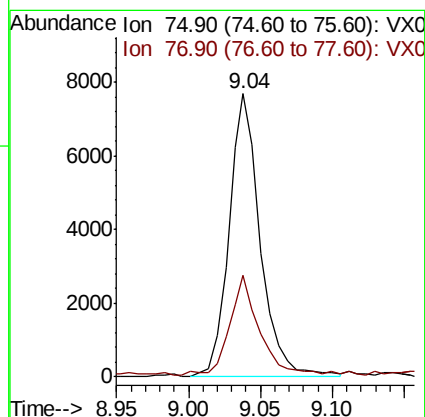
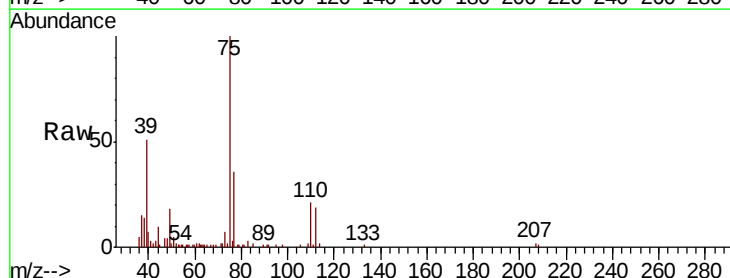
Acq: 31 Aug 2019 13:59

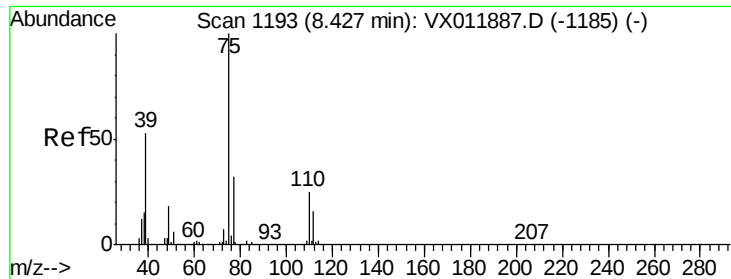
Tgt Ion: 75 Resp: 11658

Ion Ratio Lower Upper

75 100

77 34.9 25.6 38.4



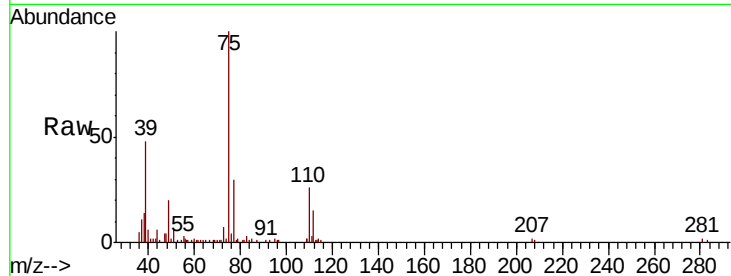


#54

cis-1,3-Dichloropropene
 Concen: 2.636 ug/l
 RT: 8.43 min Scan# 1238
 Delta R.T. 0.01 min
 Lab File: VX011948.D
 Acq: 31 Aug 2019 13:59

Instrument :
 MSVOA_X
 ClientSampled :
 MDL07

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.5	38.3
39	46.1	42.6	64.0

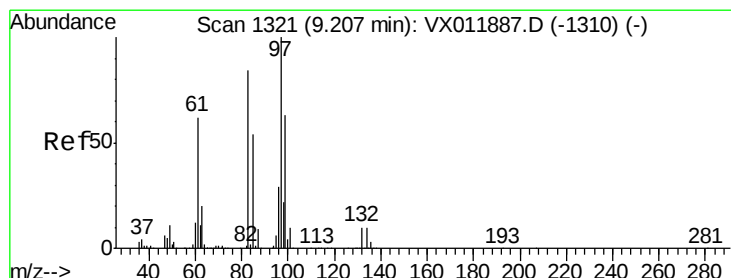
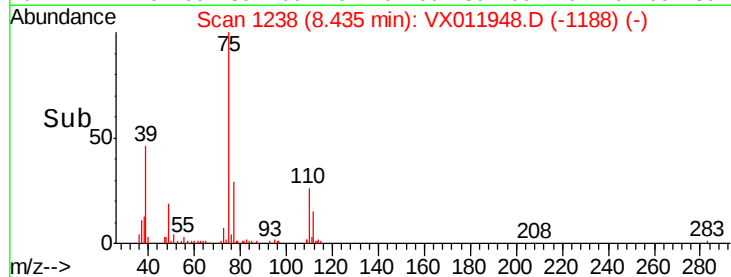
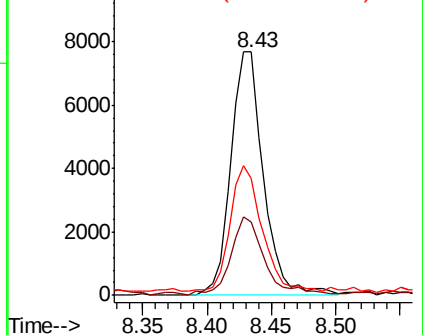


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

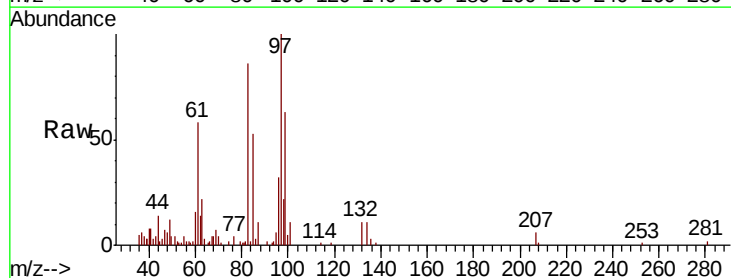
Ion 39.00 (38.70 to 39.70): VX0



#55

1,1,2-Trichloroethane
 Concen: 2.729 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX011948.D
 Acq: 31 Aug 2019 13:59

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.8	66.8	100.2
85	52.7	43.5	65.3
99	63.1	50.6	75.8



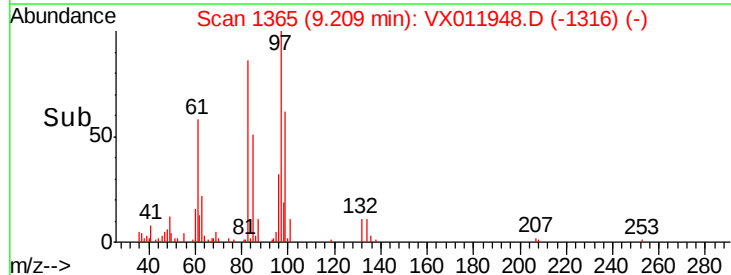
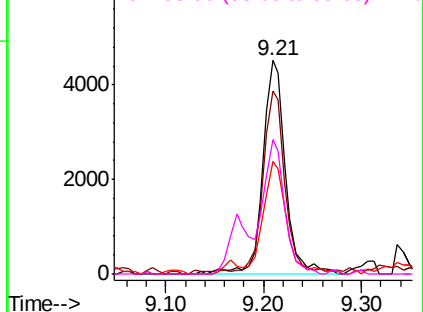
Abundance

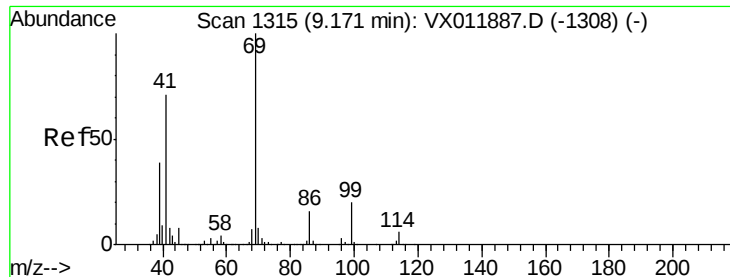
Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 2.636 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

MDL07

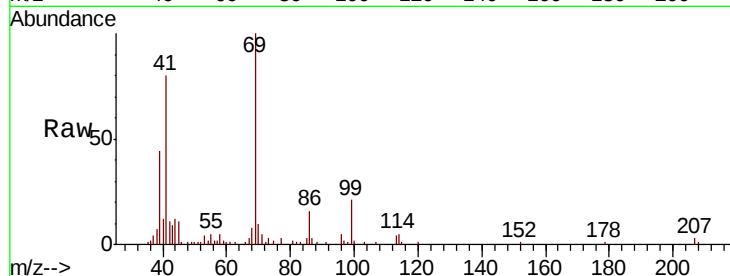
Tgt Ion: 69 Resp: 9697

Ion Ratio Lower Upper

69 100

41 65.4 55.8 83.8

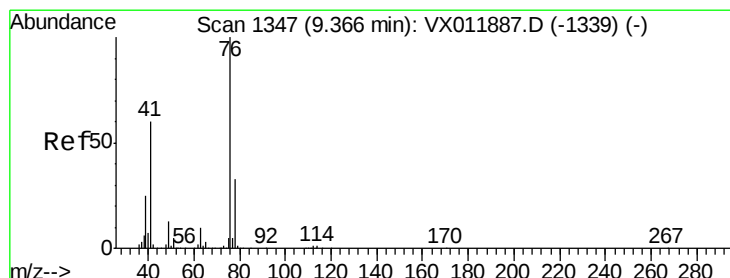
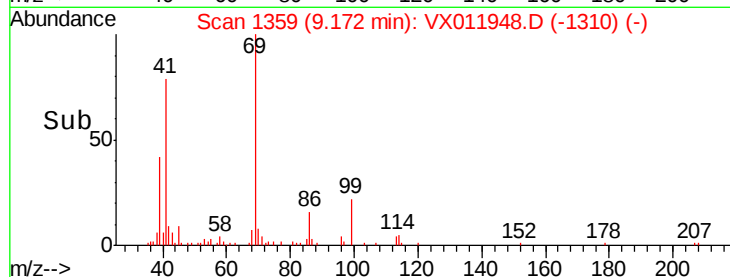
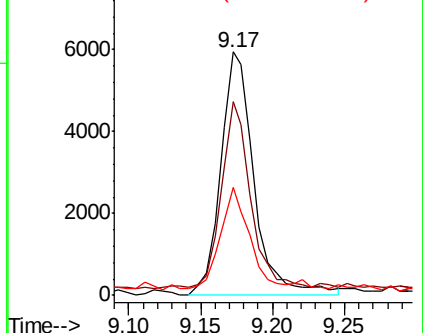
39 36.1 31.1 46.7



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: 2.674 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX011948.D

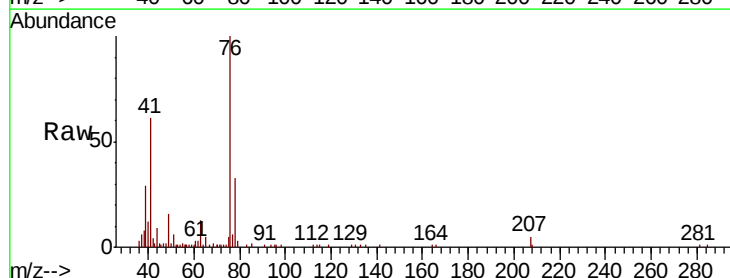
Acq: 31 Aug 2019 13:59

Tgt Ion: 76 Resp: 11764

Ion Ratio Lower Upper

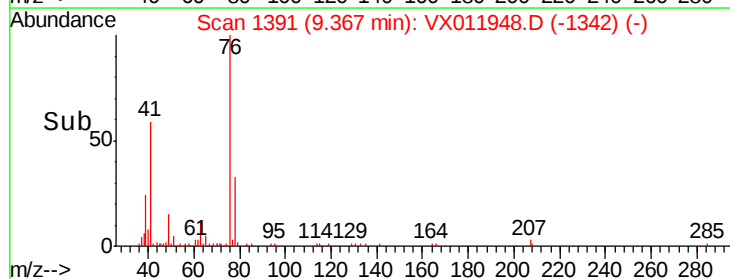
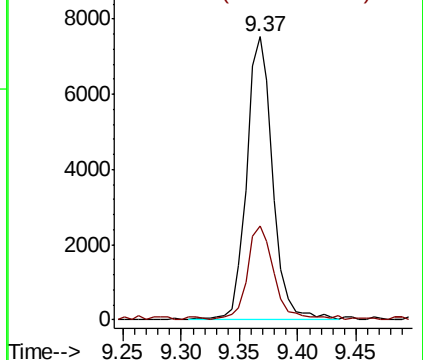
76 100

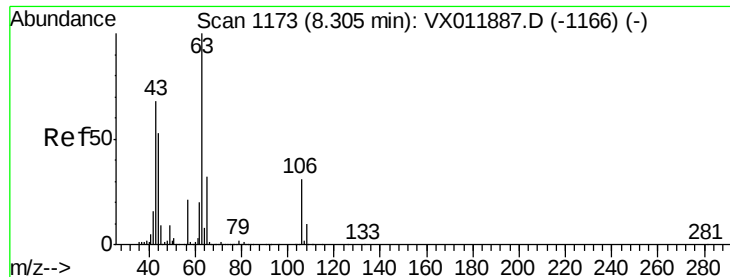
78 34.6 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

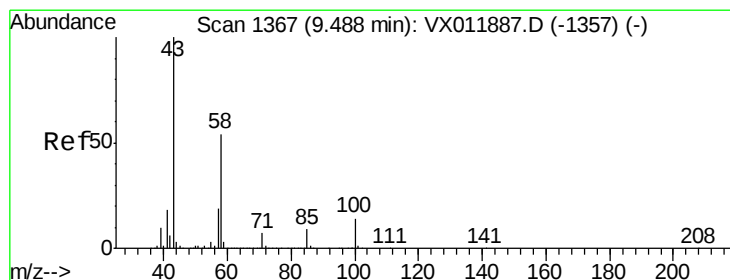
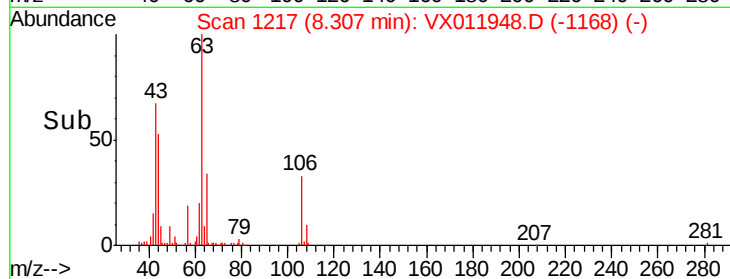
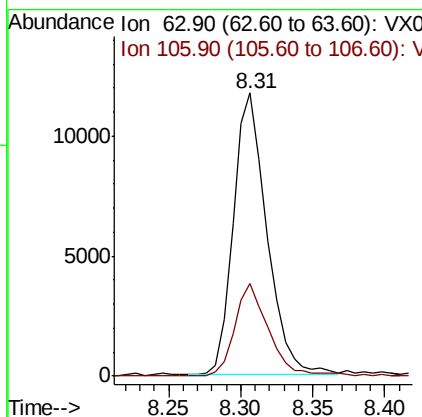
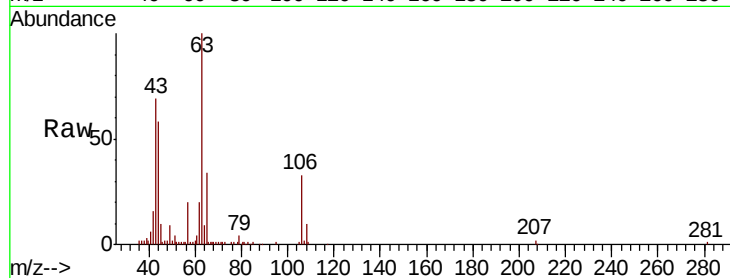




#58
 2-Chloroethyl Vinyl ether
 Concen: 10.907 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX011948.D
 Acq: 31 Aug 2019 13:59

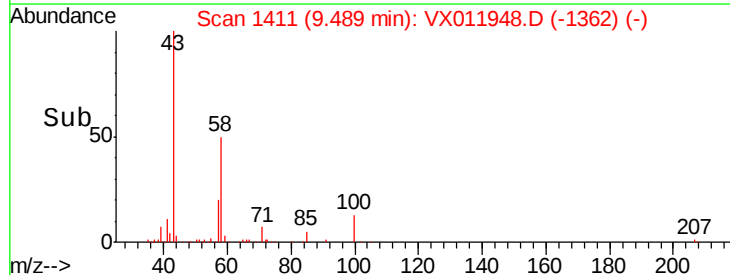
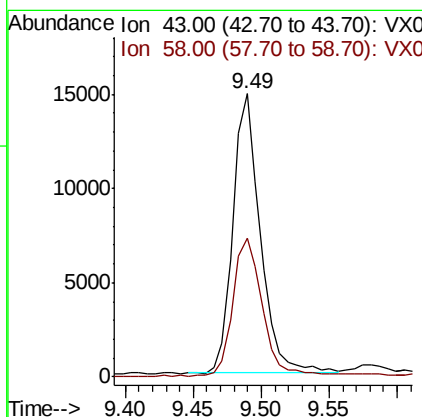
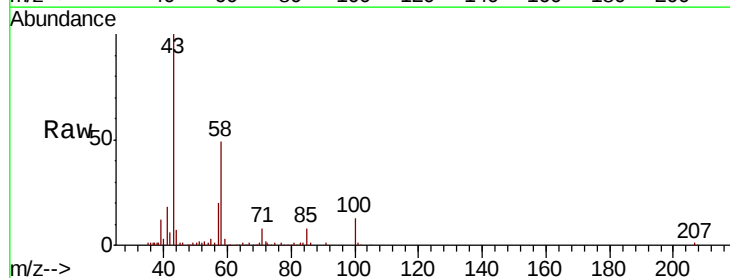
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL07

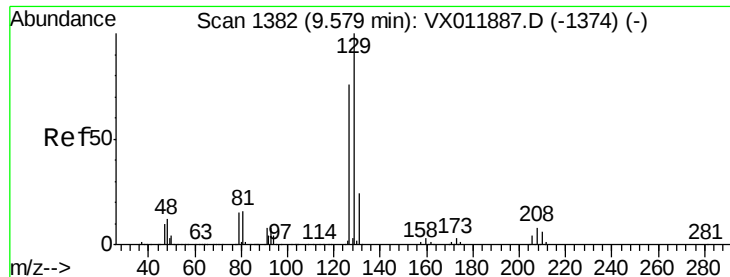
Tgt Ion: 63 Resp: 19109
 Ion Ratio Lower Upper
 63 100
 106 33.2 24.8 37.2



#59
 2-Hexanone
 Concen: 12.324 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX011948.D
 Acq: 31 Aug 2019 13:59

Tgt Ion: 43 Resp: 20853
 Ion Ratio Lower Upper
 43 100
 58 56.9 26.8 80.4

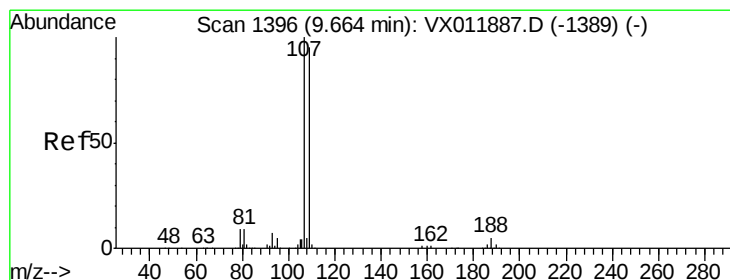
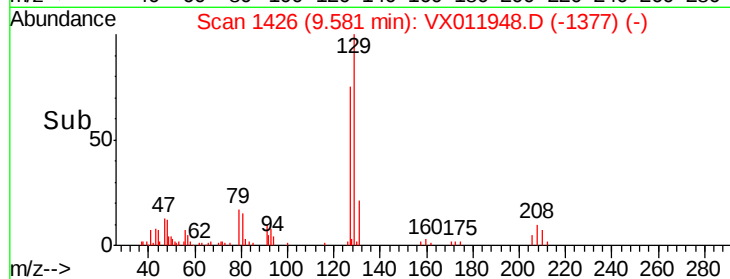
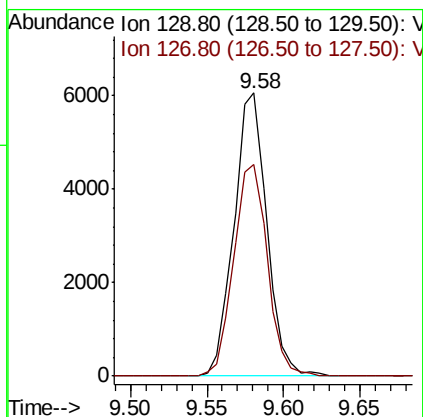
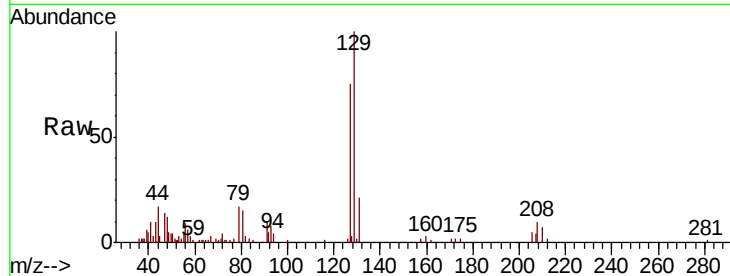




#60
 Dibromochloromethane
 Concen: 2.530 ug/l
 RT: 9.58 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: VX011948.D
 Acq: 31 Aug 2019 13:59

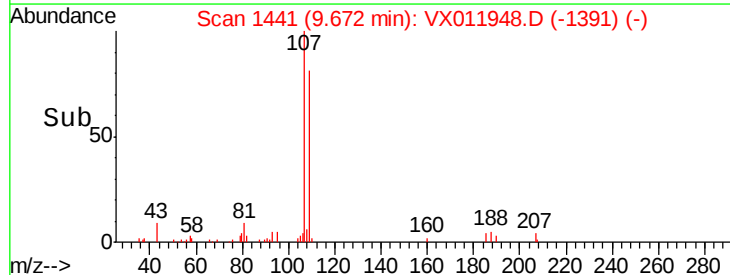
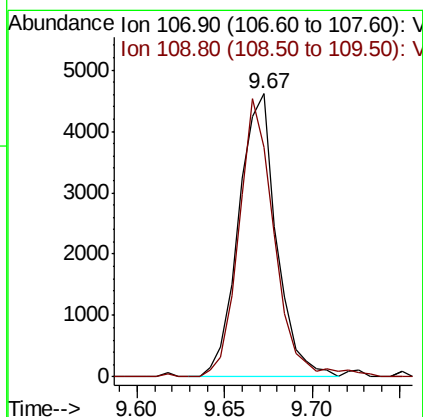
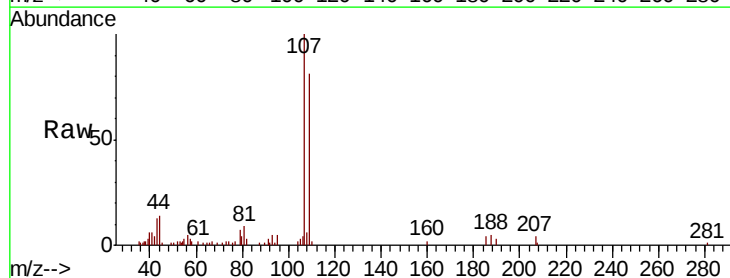
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL07

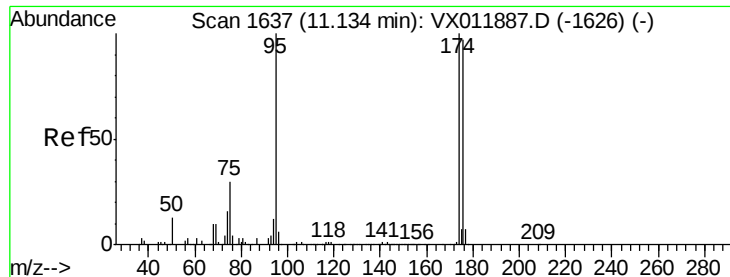
Tgt Ion:129 Resp: 9005
 Ion Ratio Lower Upper
 129 100
 127 76.6 38.6 115.7



#61
 1,2-Dibromoethane
 Concen: 2.635 ug/l
 RT: 9.67 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VX011948.D
 Acq: 31 Aug 2019 13:59

Tgt Ion:107 Resp: 6923
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.3 112.9

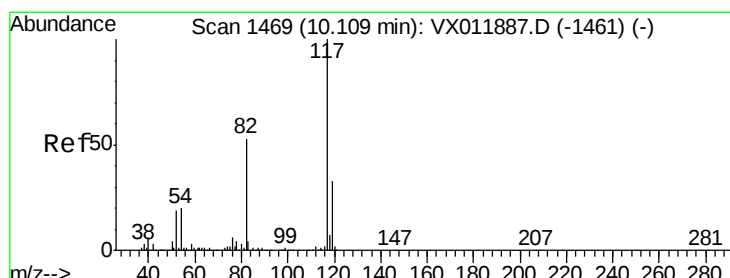
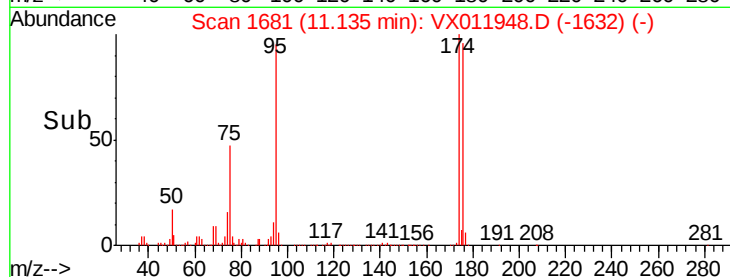
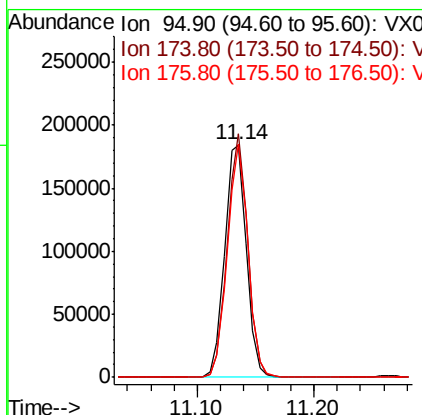
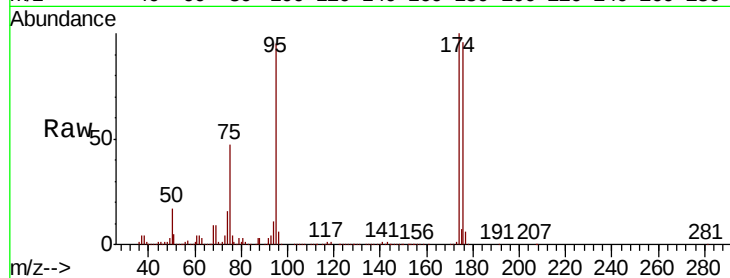




#62
4-Bromofluorobenzene
Concen: 47.942 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX011948.D
Acq: 31 Aug 2019 13:59

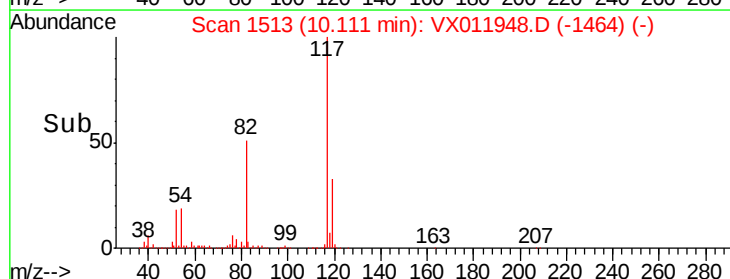
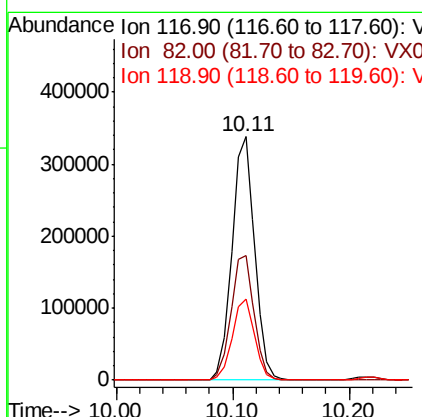
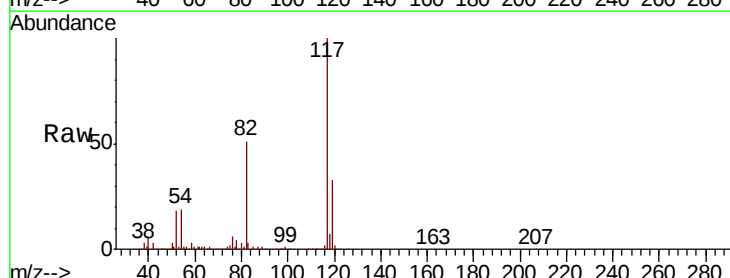
Instrument :
MSVOA_X
ClientSampled :
MDL07

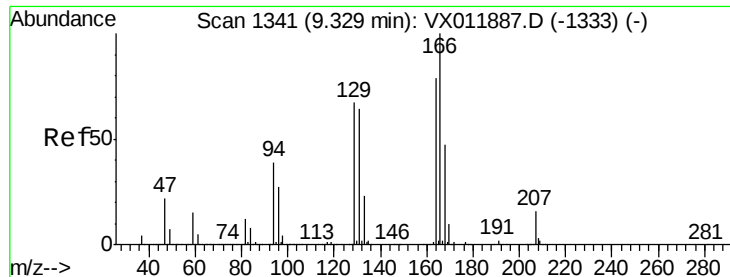
Tgt Ion: 95 Resp: 237731
Ion Ratio Lower Upper
95 100
174 99.2 0.0 196.0
176 95.8 0.0 191.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011948.D
Acq: 31 Aug 2019 13:59

Tgt Ion: 117 Resp: 457439
Ion Ratio Lower Upper
117 100
82 51.2 42.0 63.0
119 33.1 26.2 39.4





#64

Tetrachloroethene

Concen: 3.020 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

Instrument :

MSVOA_X

ClientSampled :

MDL07

Tgt Ion:164 Resp: 11111

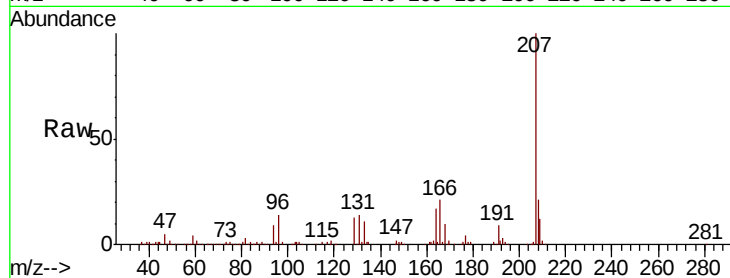
Ion Ratio Lower Upper

164 100

166 124.1 101.4 152.0

129 75.4 68.0 102.0

131 82.9 64.7 97.1

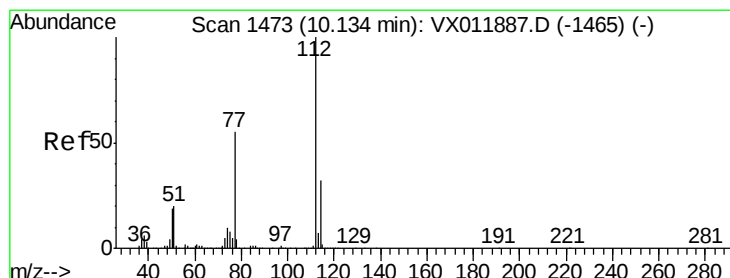
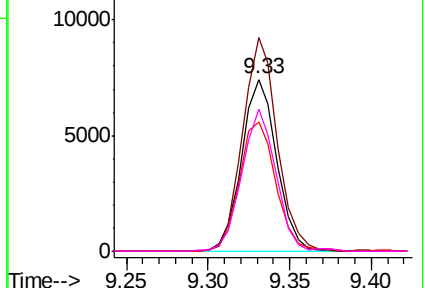
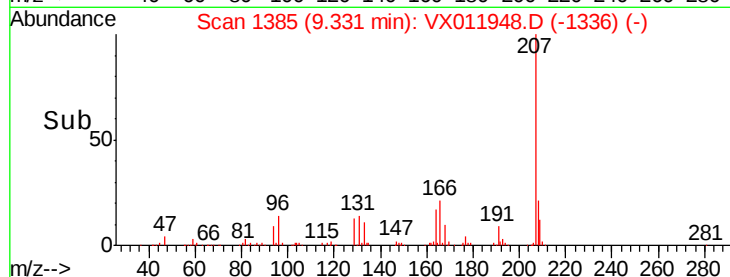


Abundance Ion 163.80 (163.50 to 164.50): V

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: 2.750 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX011948.D

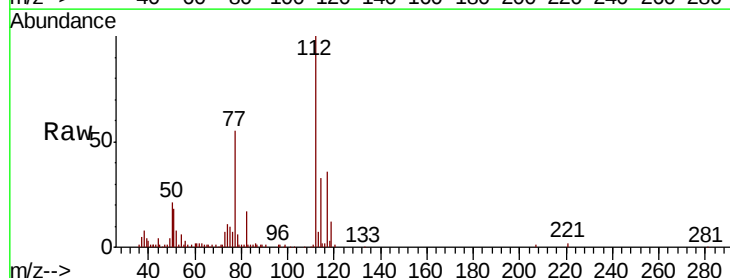
Acq: 31 Aug 2019 13:59

Tgt Ion:112 Resp: 24379

Ion Ratio Lower Upper

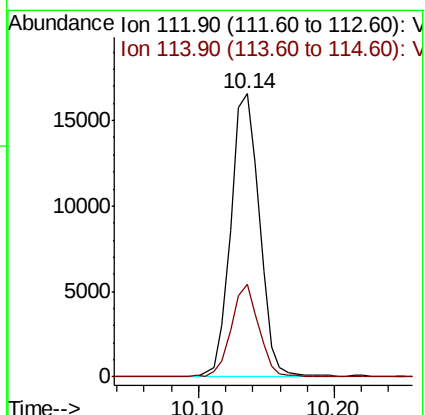
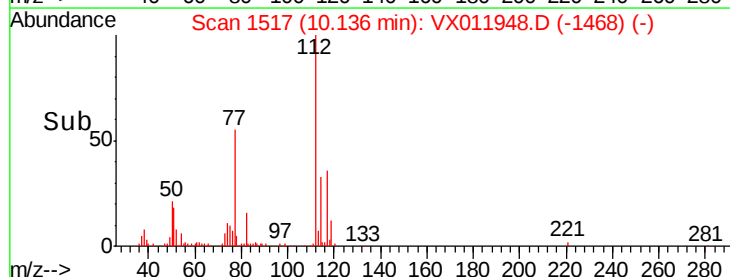
112 100

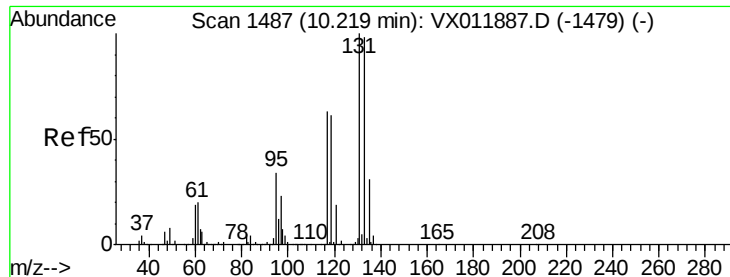
114 32.9 25.9 38.9



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: 2.558 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

Instrument :

MSVOA_X

ClientSampled :

MDL07

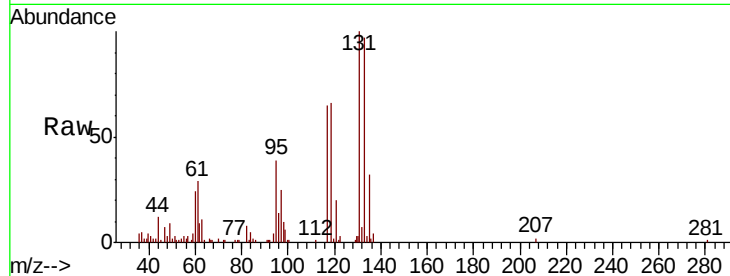
Tgt Ion: 131 Resp: 9169

Ion Ratio Lower Upper

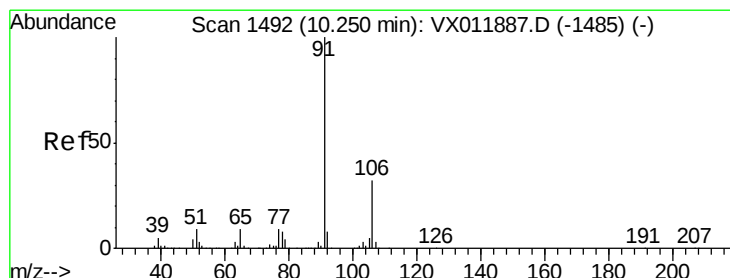
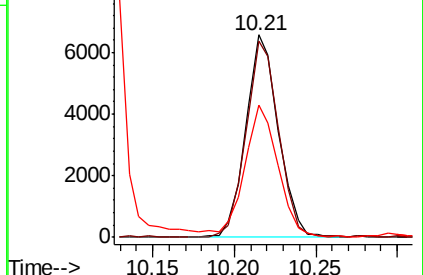
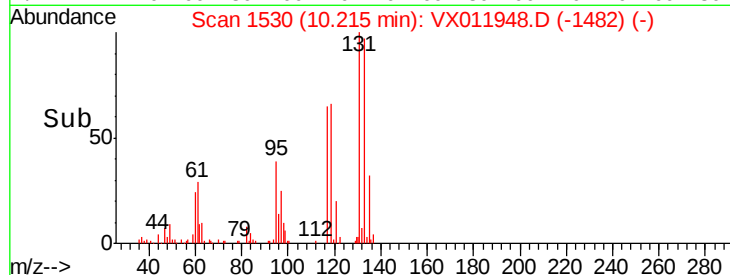
131 100

133 97.3 48.4 145.0

119 68.2 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: 2.665 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX011948.D

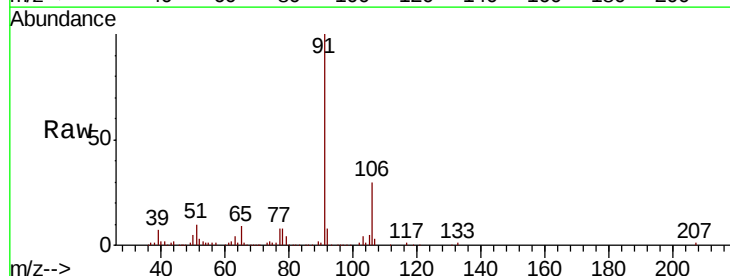
Acq: 31 Aug 2019 13:59

Tgt Ion: 91 Resp: 40179

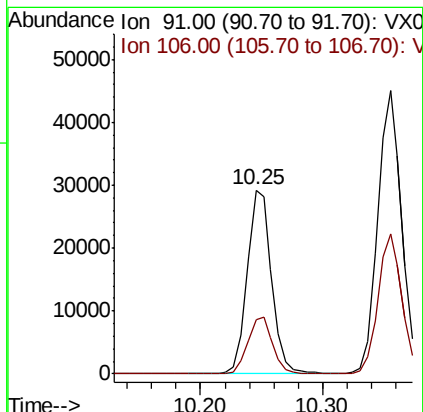
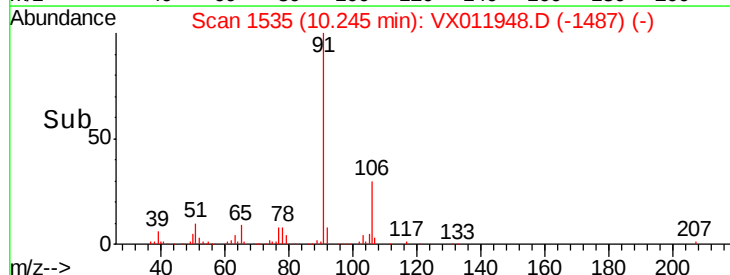
Ion Ratio Lower Upper

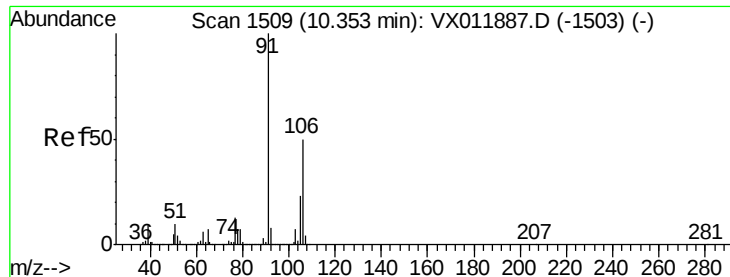
91 100

106 29.8 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: 5.239 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

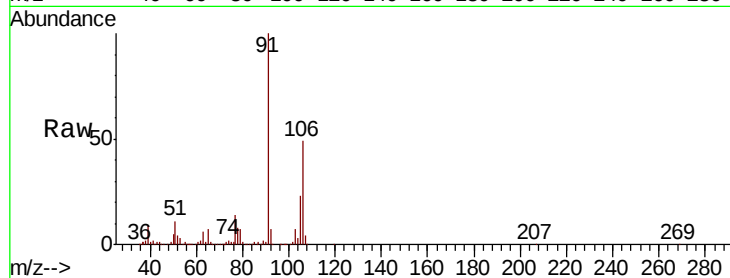
MDL07

Tgt Ion:106 Resp: 30503

Ion Ratio Lower Upper

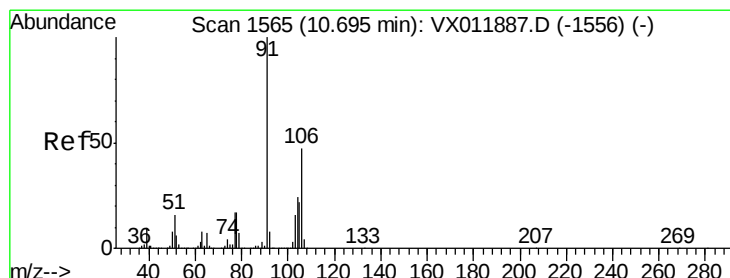
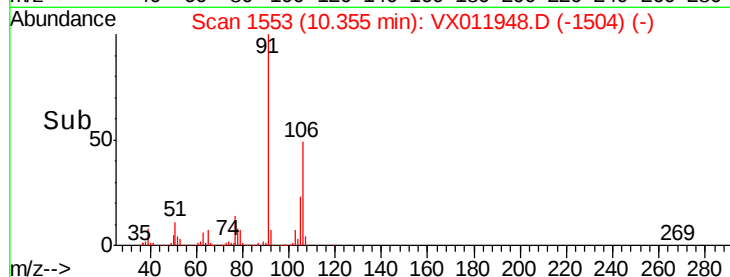
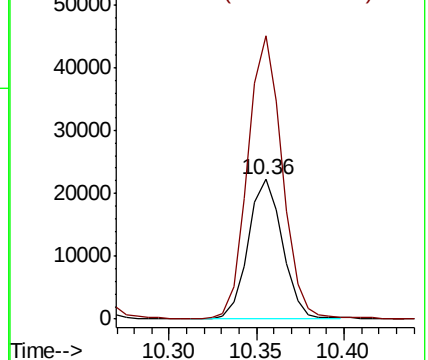
106 100

91 201.5 158.6 237.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 2.561 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX011948.D

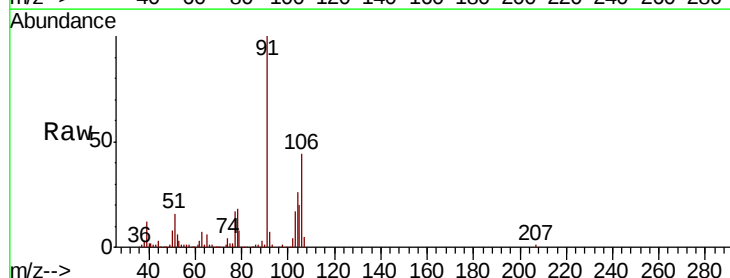
Acq: 31 Aug 2019 13:59

Tgt Ion:106 Resp: 14533

Ion Ratio Lower Upper

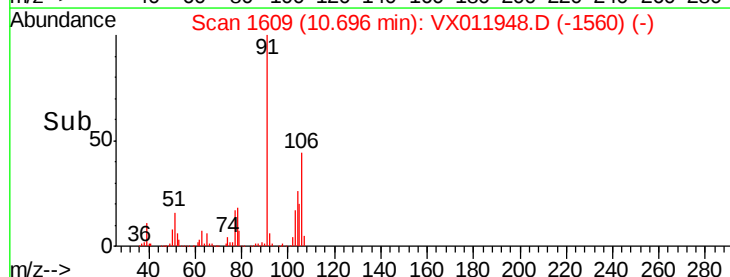
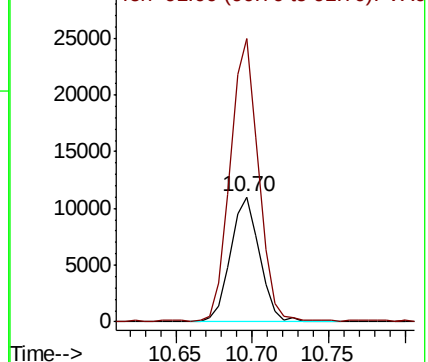
106 100

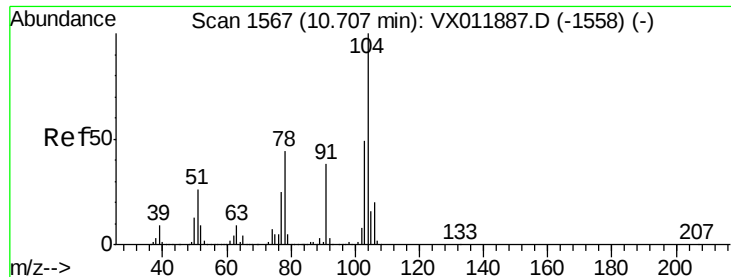
91 217.8 104.8 314.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

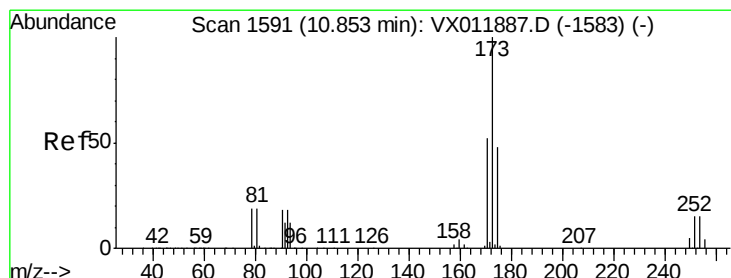
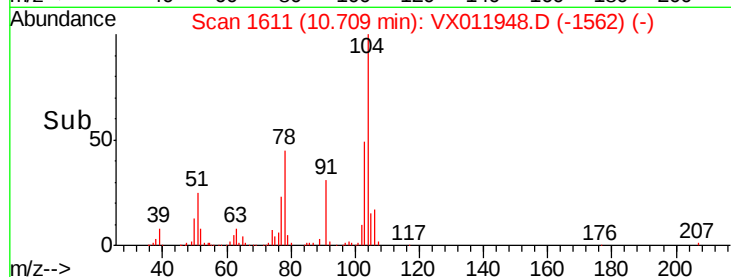
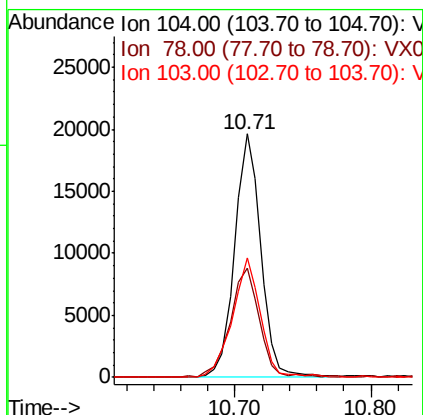
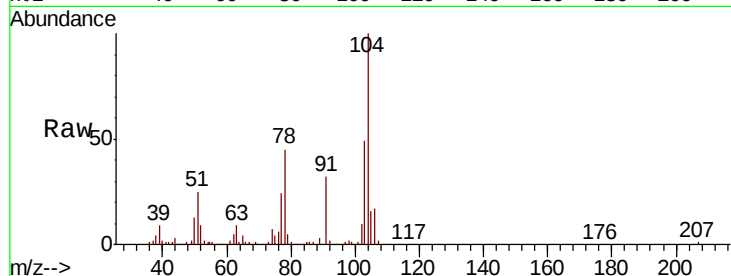




#70
Styrene
Concen: 2.627 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX011948.D
Acq: 31 Aug 2019 13:59

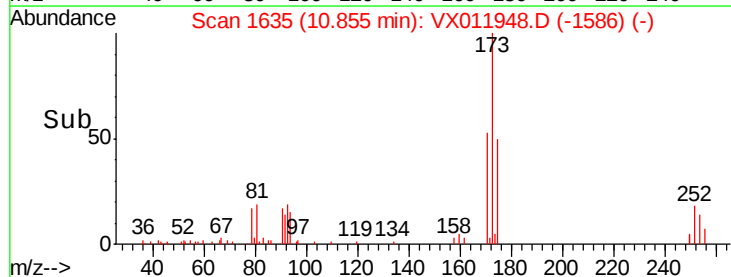
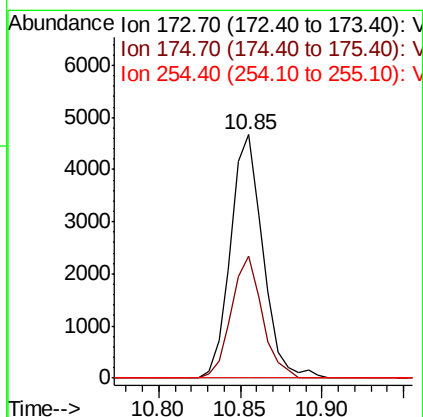
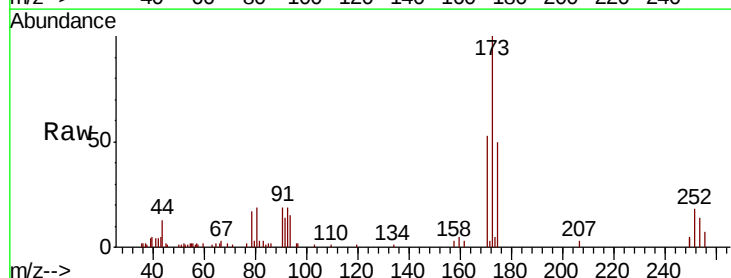
Instrument :
MSVOA_X
ClientSampleId :
MDL07

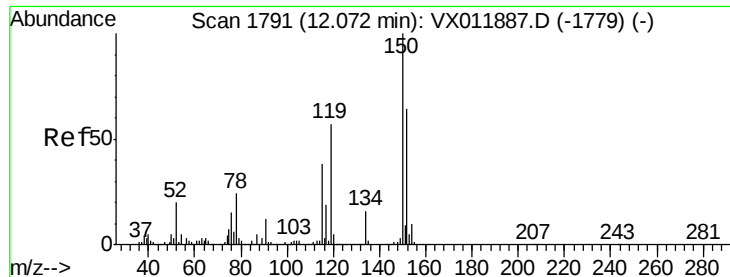
Tgt Ion:104 Resp: 26270
Ion Ratio Lower Upper
104 100
78 51.0 39.2 58.8
103 52.5 43.0 64.6



#71
Bromoform
Concen: 2.532 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX011948.D
Acq: 31 Aug 2019 13:59

Tgt Ion:173 Resp: 6419
Ion Ratio Lower Upper
173 100
175 48.1 24.4 73.2
254 0.0 0.1 0.1#



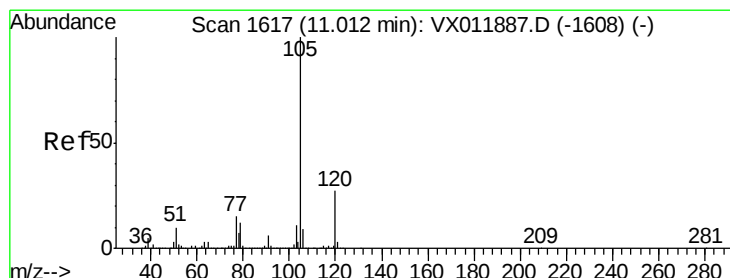
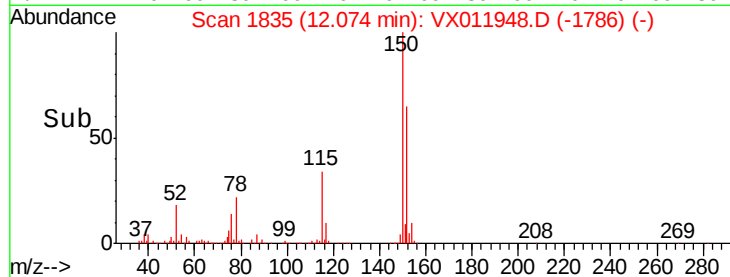
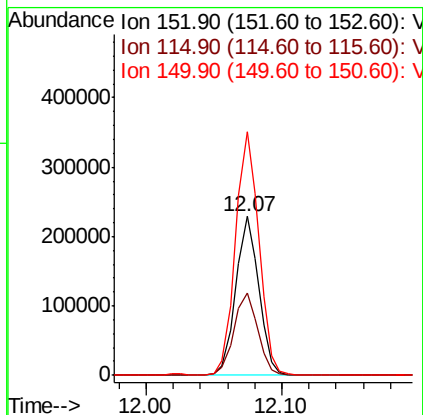
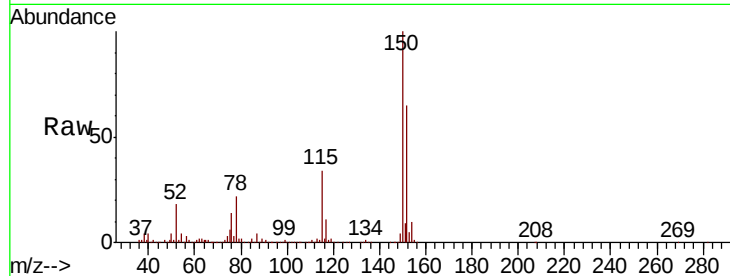


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011948.D
Acq: 31 Aug 2019 13:59

Instrument :
MSVOA_X
ClientSampleId :
MDL07

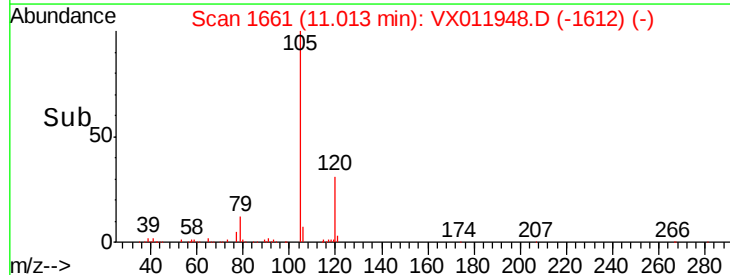
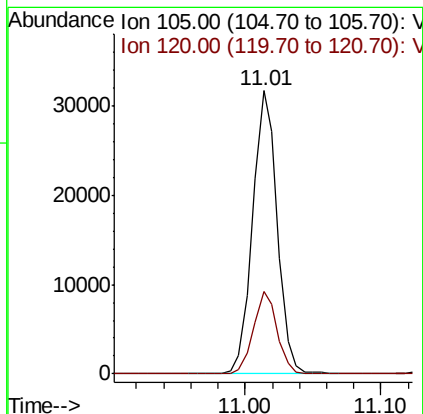
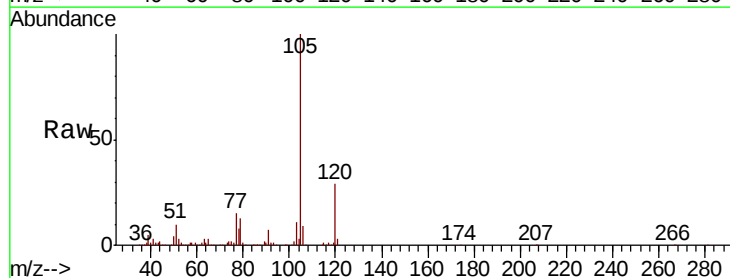
Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	37.1	111.3
150	155.6	0.0	339.6

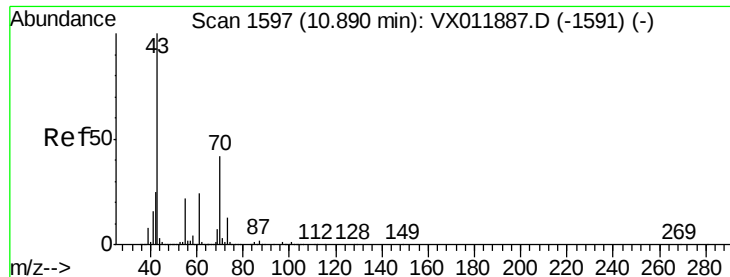


#73

Isopropylbenzene
Concen: 2.610 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX011948.D
Acq: 31 Aug 2019 13:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.8	41.4





#74

N-ethyl acetate

Concen: 2.511 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

Instrument :

MSVOA_X

ClientSampled :

MDL07

Tgt Ion: 43 Resp: 11537

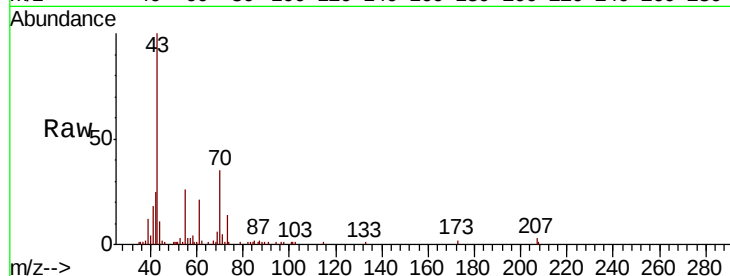
Ion Ratio Lower Upper

43 100

70 42.8 0.2 0.2#

55 24.3 0.1 0.1#

61 23.9 16.4 24.6

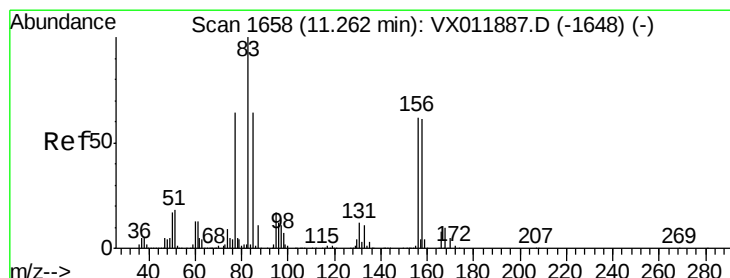
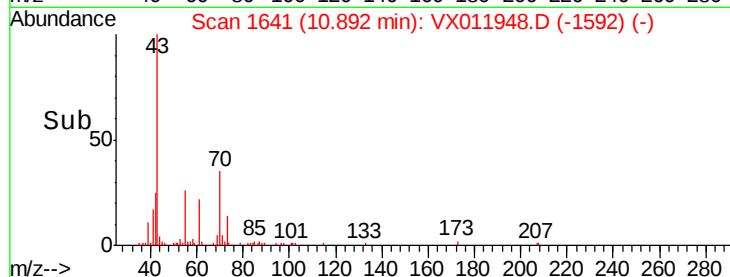
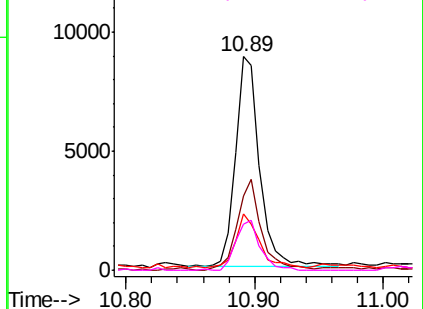


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 2.687 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

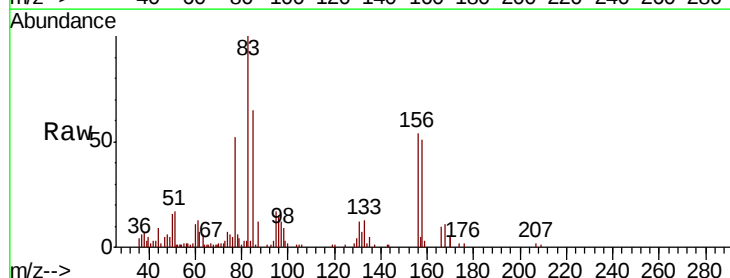
Tgt Ion: 83 Resp: 8513

Ion Ratio Lower Upper

83 100

131 13.0 6.0 18.0

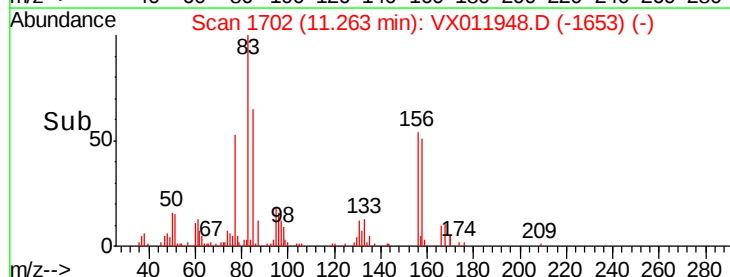
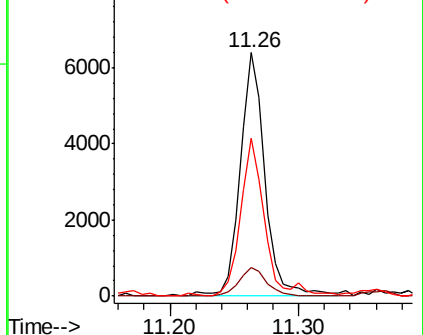
85 59.8 31.9 95.9

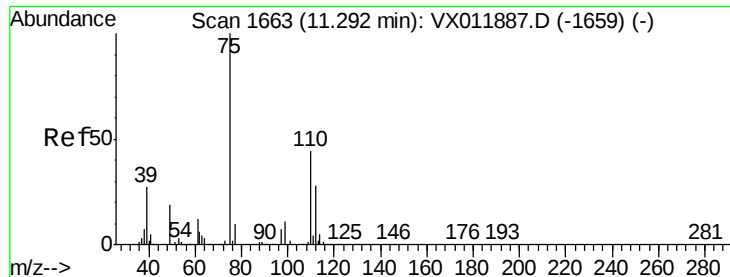


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

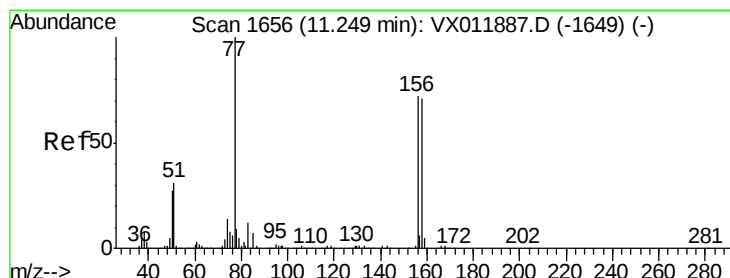
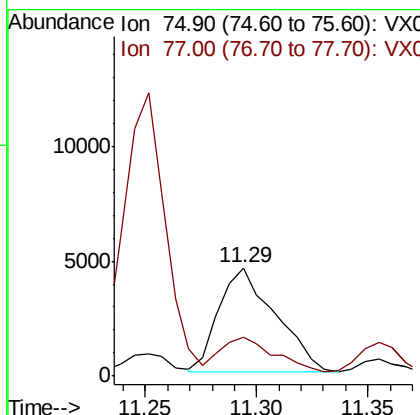
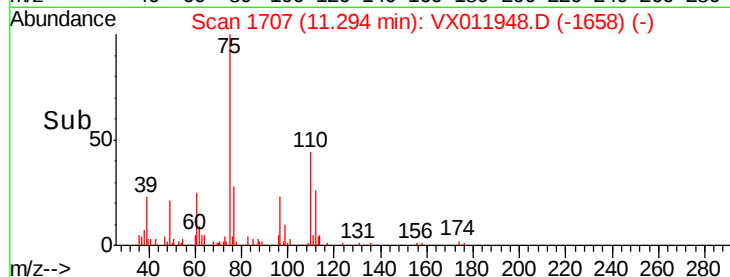
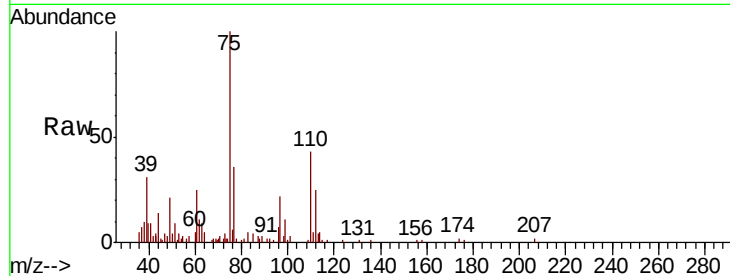




#76
1,2,3-Trichloropropane
Concen: 3.017 ug/l
RT: 11.29 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX011948.D
Acq: 31 Aug 2019 13:59

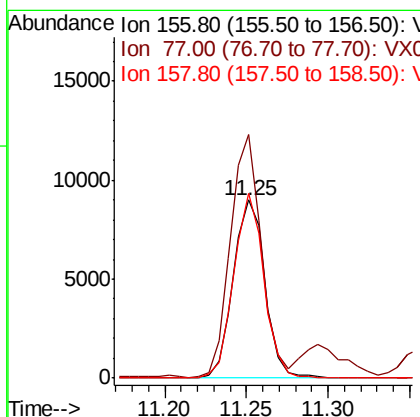
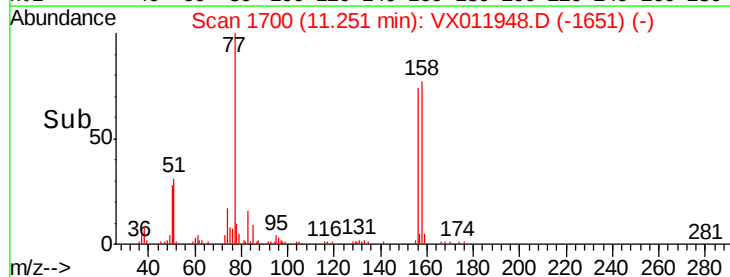
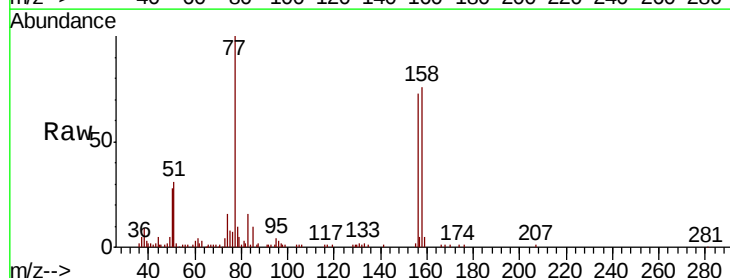
Instrument :
MSVOA_X
ClientSampled :
MDL07

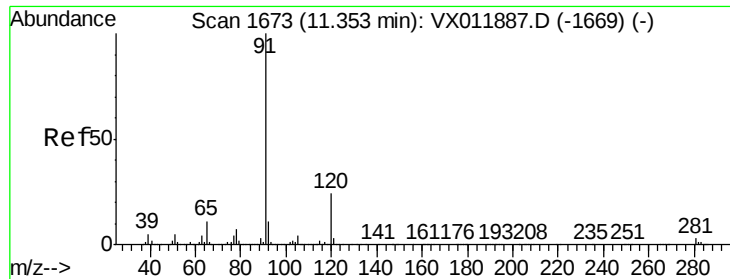
Tgt Ion: 75 Resp: 7996
Ion Ratio Lower Upper
75 100
77 37.3 20.9 62.7



#77
Bromobenzene
Concen: 2.698 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX011948.D
Acq: 31 Aug 2019 13:59

Tgt Ion: 156 Resp: 12113
Ion Ratio Lower Upper
156 100
77 133.8 68.1 204.3
158 99.2 48.9 146.8

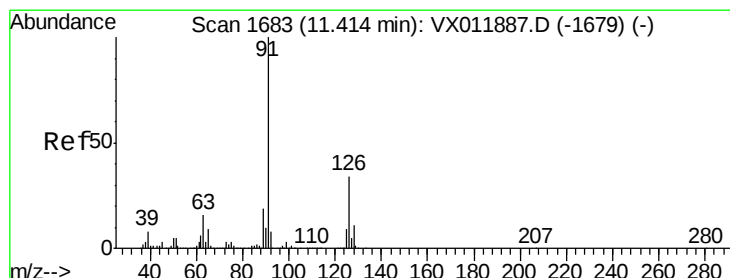
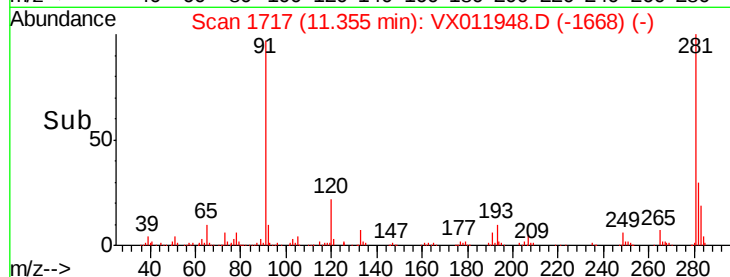
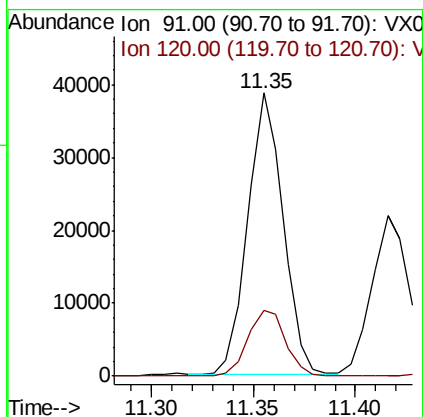
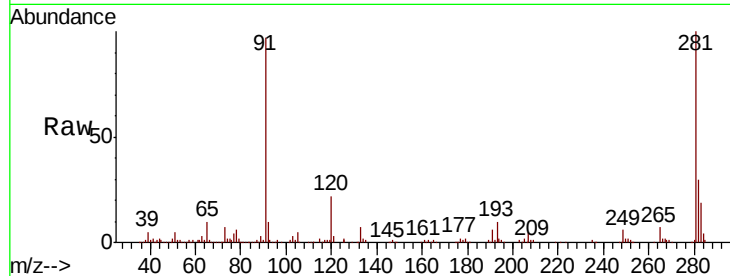




#78
n-propylbenzene
Concen: 2.654 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX011948.D
Acq: 31 Aug 2019 13:59

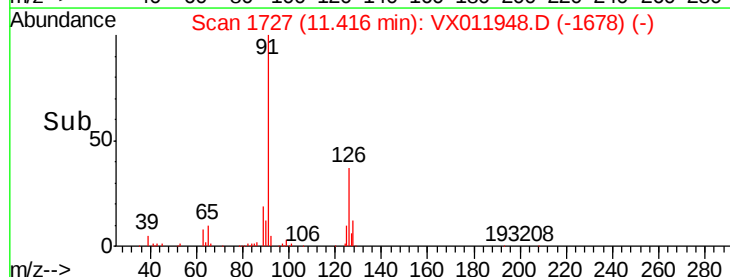
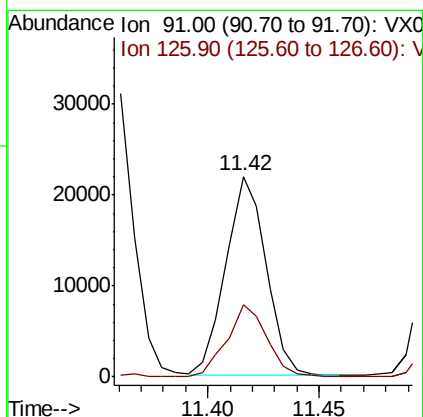
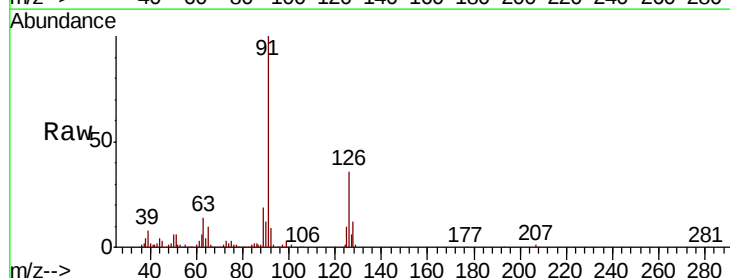
Instrument :
MSVOA_X
ClientSampleId :
MDL07

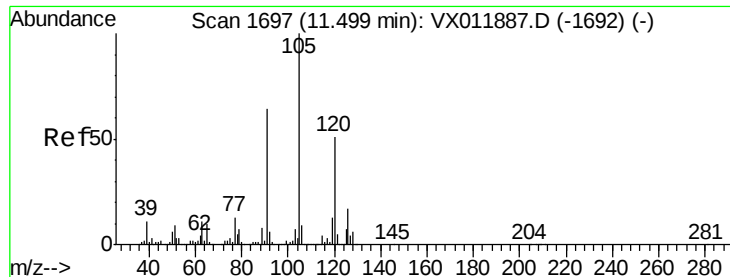
Tgt Ion: 91 Resp: 46582
Ion Ratio Lower Upper
91 100
120 25.0 12.3 36.9



#79
2-Chlorotoluene
Concen: 2.622 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX011948.D
Acq: 31 Aug 2019 13:59

Tgt Ion: 91 Resp: 27703
Ion Ratio Lower Upper
91 100
126 36.1 17.9 53.8

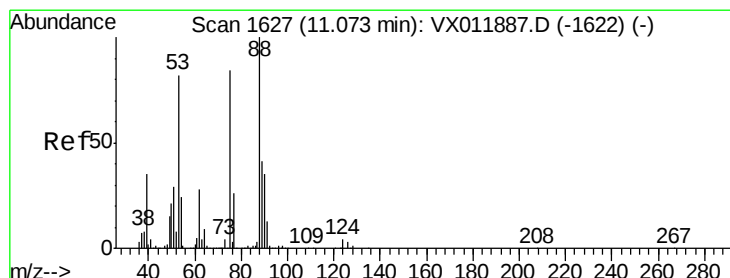
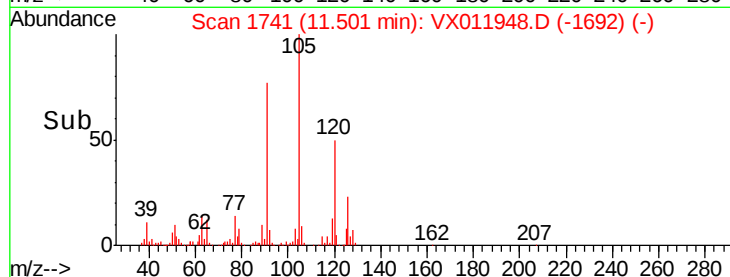
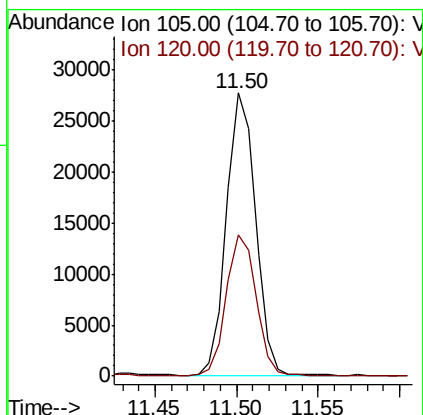
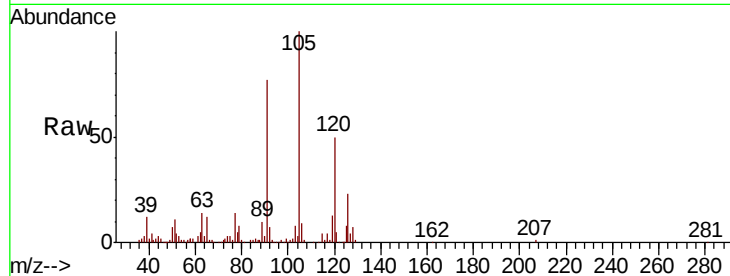




#80
 1,3,5-Trimethylbenzene
 Concen: 2.614 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011948.D
 Acq: 31 Aug 2019 13:59

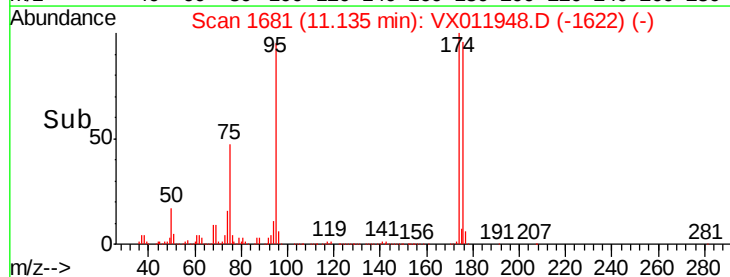
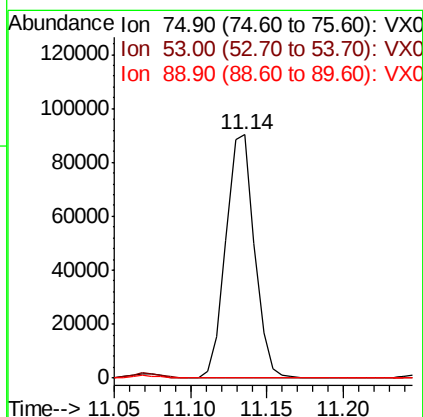
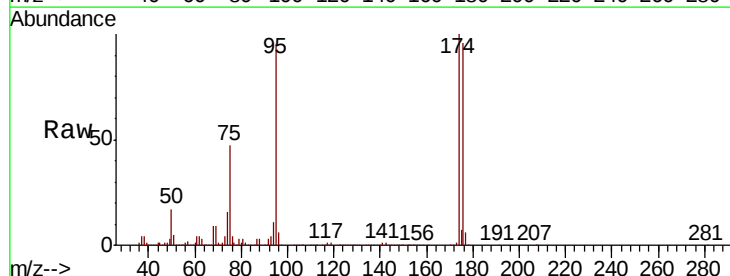
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL07

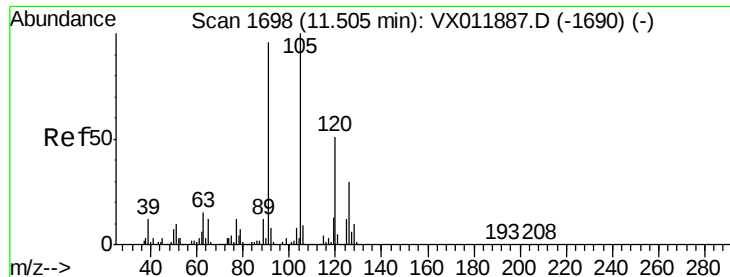
Tgt Ion: 105 Resp: 34920
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.3 75.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.433 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.06 min
 Lab File: VX011948.D
 Acq: 31 Aug 2019 13:59

Tgt Ion: 75 Resp: 116499
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.1 115.7#
 89 0.0 38.2 57.2#

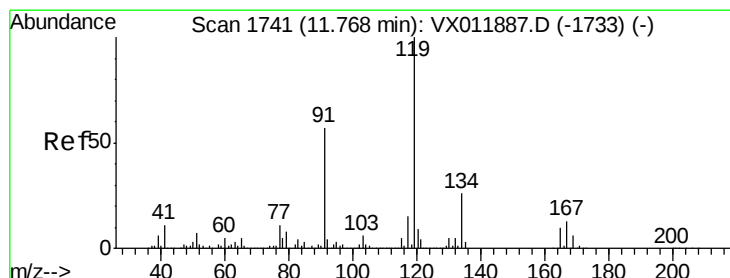
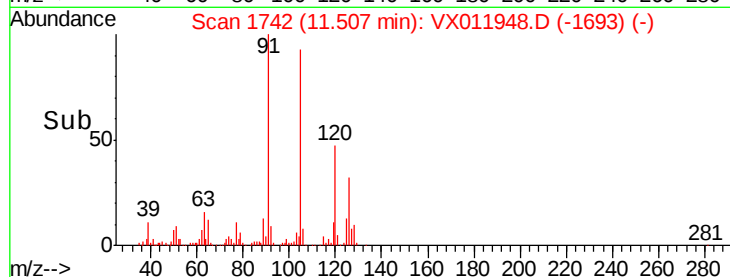
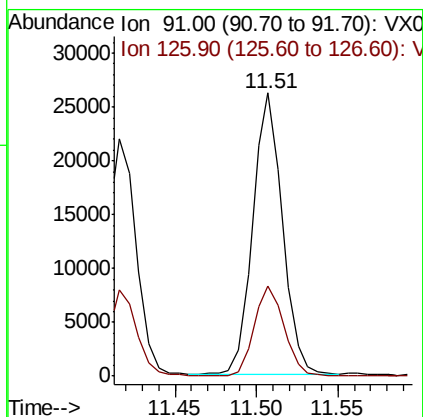
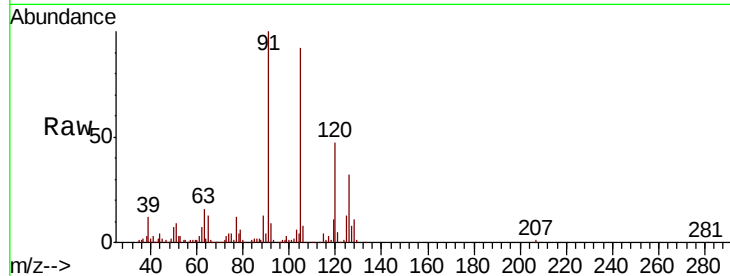




#82
4-Chlorotoluene
Concen: 2.590 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX011948.D
Acq: 31 Aug 2019 13:59

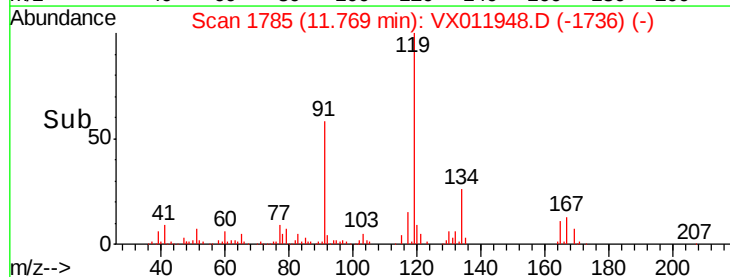
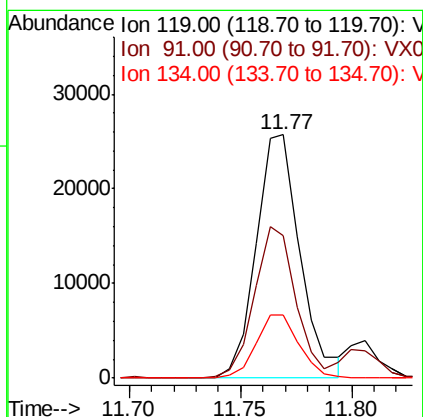
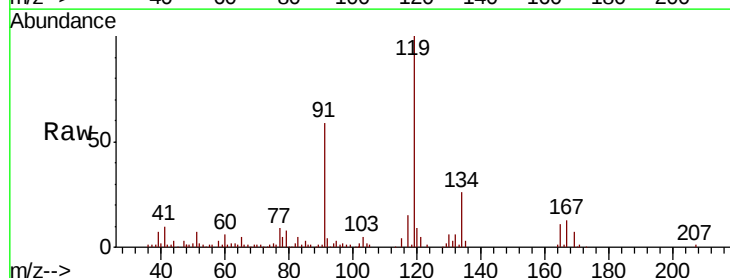
Instrument :
MSVOA_X
ClientSampleId :
MDL07

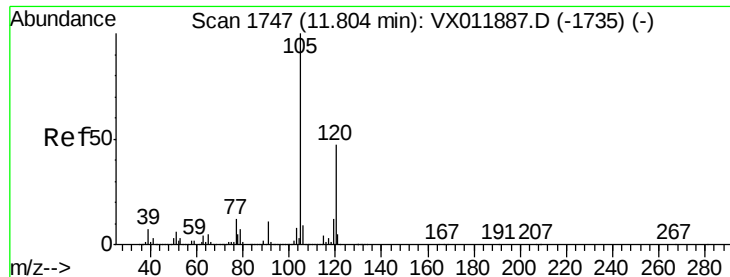
Tgt Ion: 91 Resp: 33008
Ion Ratio Lower Upper
91 100
126 32.5 15.9 47.6



#83
tert-Butylbenzene
Concen: 2.603 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX011948.D
Acq: 31 Aug 2019 13:59

Tgt Ion: 119 Resp: 35286
Ion Ratio Lower Upper
119 100
91 58.0 27.9 83.6
134 25.6 12.3 36.8

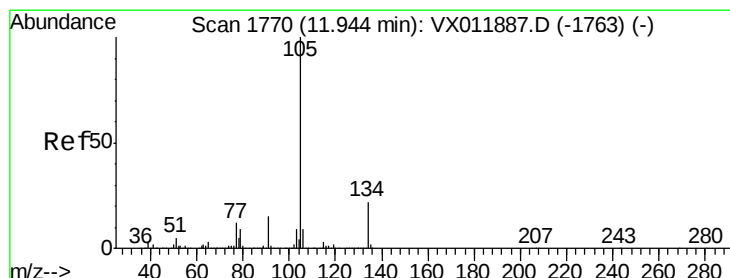
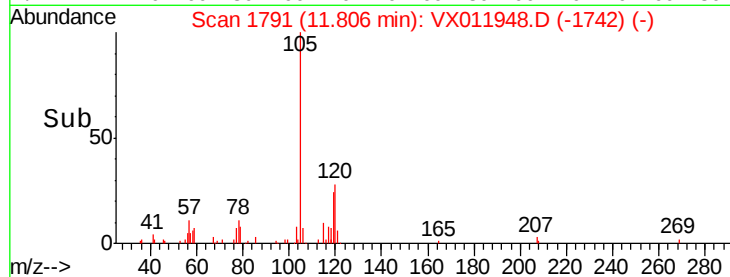
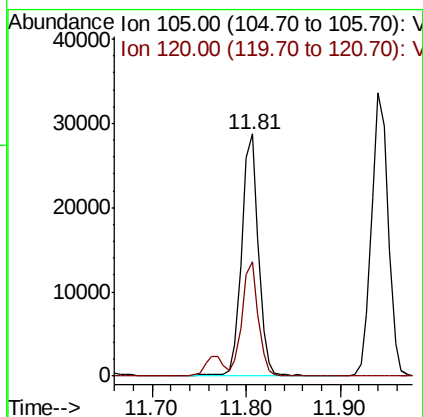
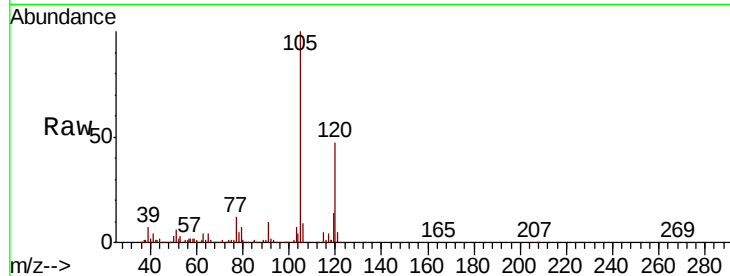




#84
 1,2,4-Trimethylbenzene
 Concen: 2.613 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX011948.D
 Acq: 31 Aug 2019 13:59

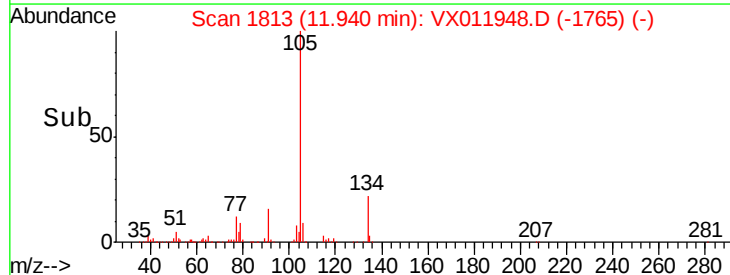
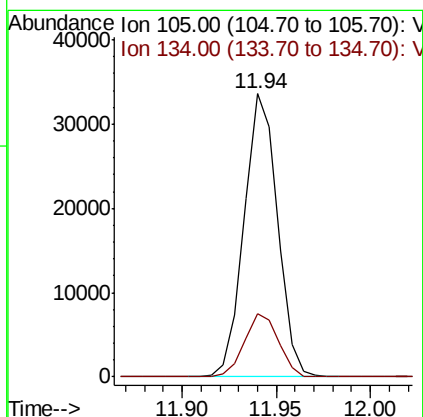
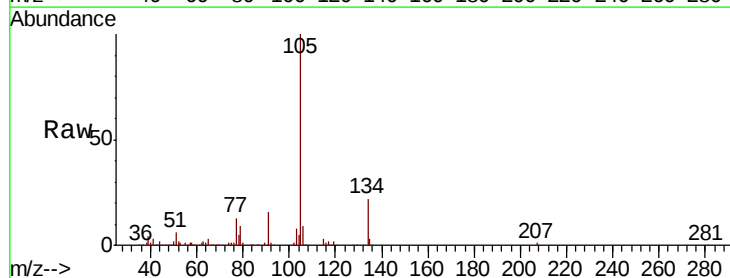
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL07

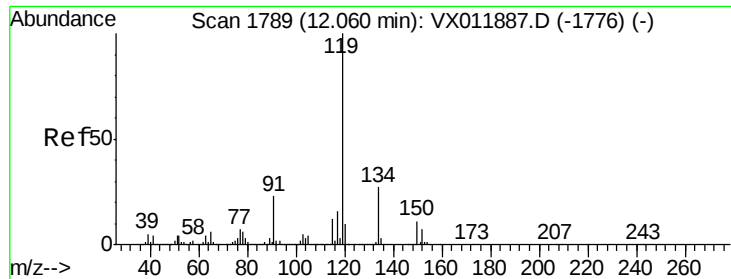
Tgt Ion:105 Resp: 35783
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.4 70.3



#85
 sec-Butylbenzene
 Concen: 2.630 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX011948.D
 Acq: 31 Aug 2019 13:59

Tgt Ion:105 Resp: 41413
 Ion Ratio Lower Upper
 105 100
 134 22.9 10.9 32.7

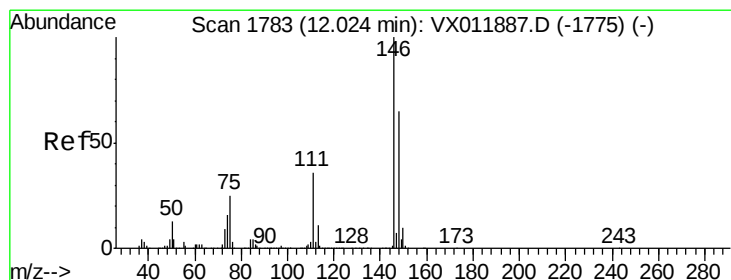
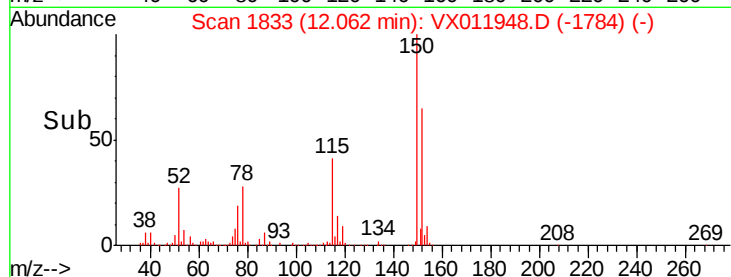
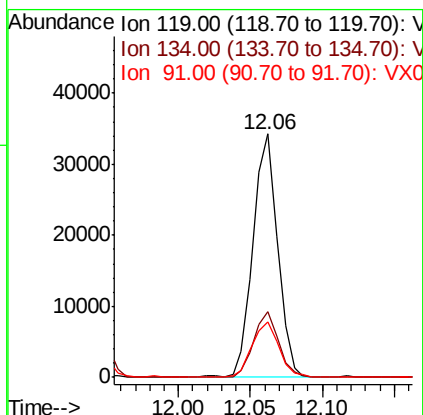
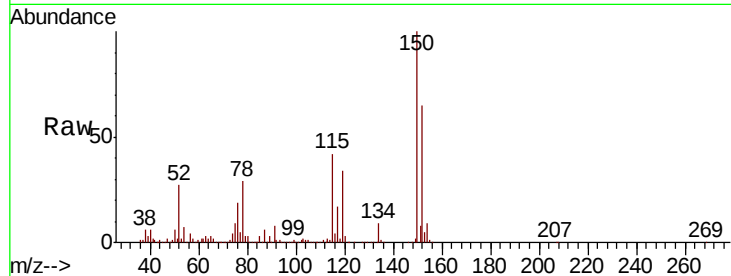




#86
p-Isopropyltoluene
Concen: 2.652 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX011948.D
Acq: 31 Aug 2019 13:59

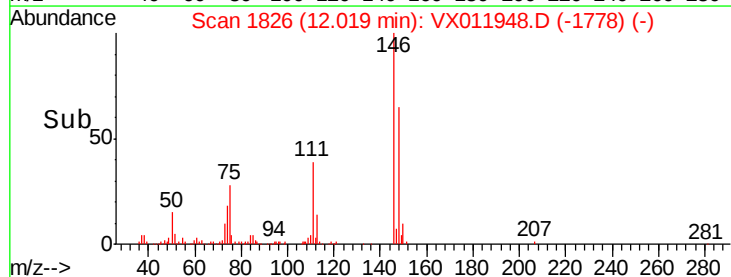
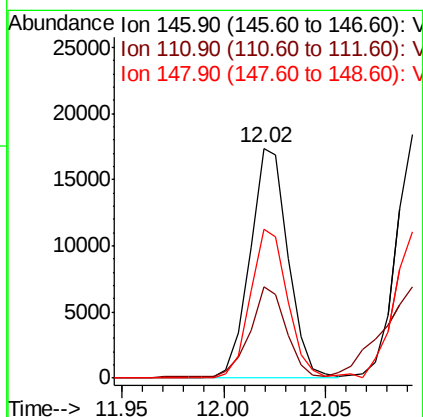
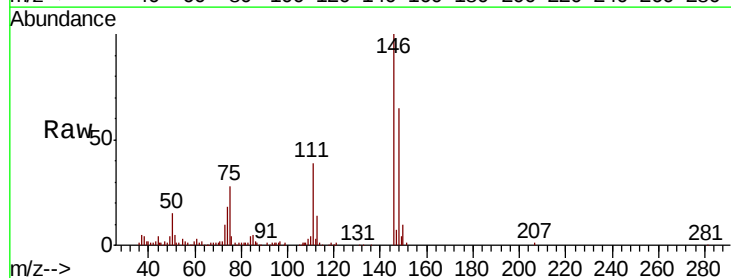
Instrument :
MSVOA_X
ClientSampleId :
MDL07

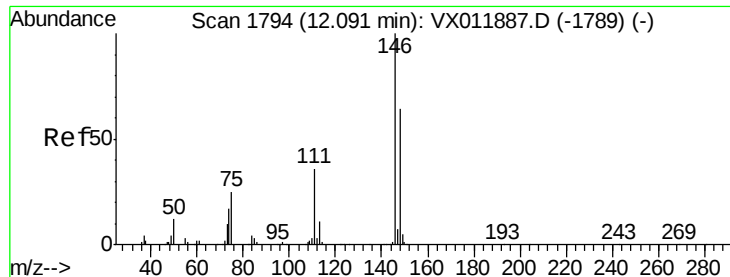
Tgt Ion:119 Resp: 40496
Ion Ratio Lower Upper
119 100
134 27.2 13.7 41.0
91 24.3 11.6 34.7



#87
1,3-Dichlorobenzene
Concen: 2.702 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VX011948.D
Acq: 31 Aug 2019 13:59

Tgt Ion:146 Resp: 22546
Ion Ratio Lower Upper
146 100
111 39.0 18.4 55.2
148 63.5 32.1 96.5





#88

1,4-Dichlorobenzene

Concen: 2.750 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

MDL07

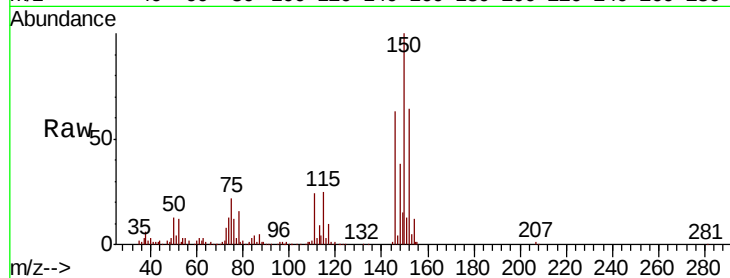
Tgt Ion:146 Resp: 23194

Ion Ratio Lower Upper

146 100

111 48.4 17.9 53.7

148 64.3 32.4 97.0

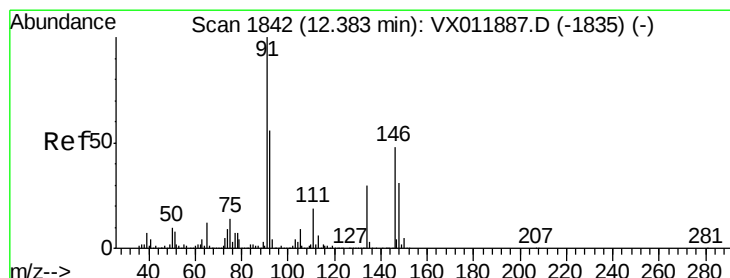
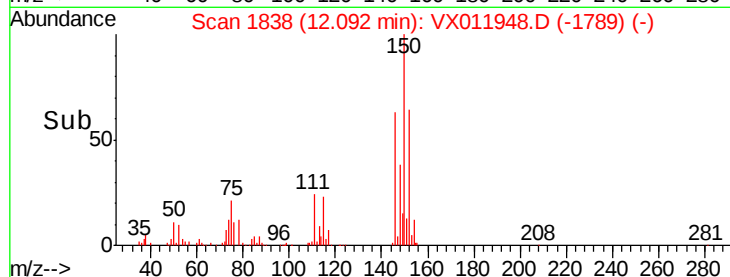
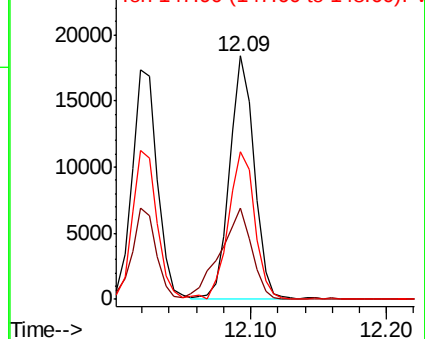


Abundance

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: 2.605 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

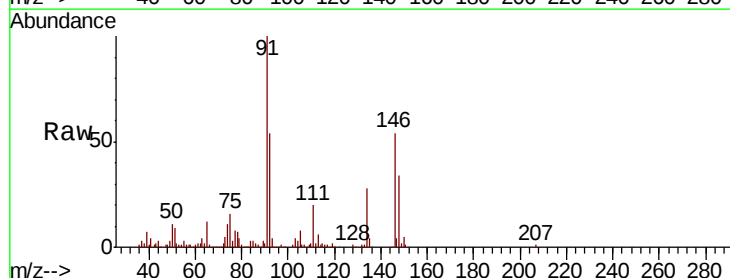
Tgt Ion: 91 Resp: 35190

Ion Ratio Lower Upper

91 100

92 52.6 27.6 82.8

134 28.3 14.8 44.3

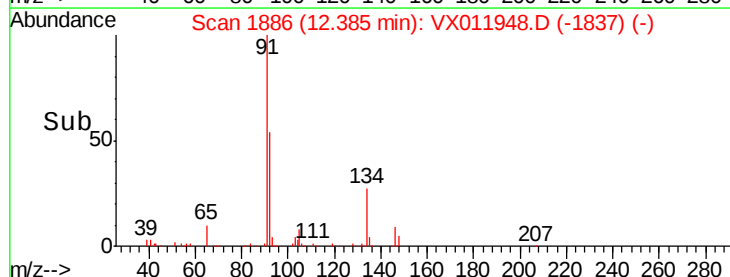
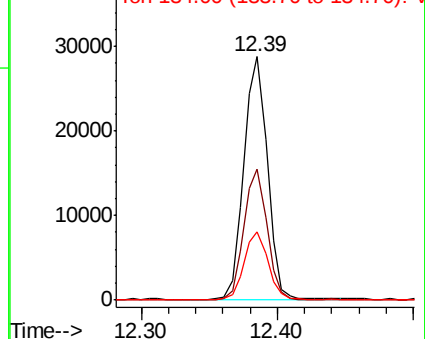


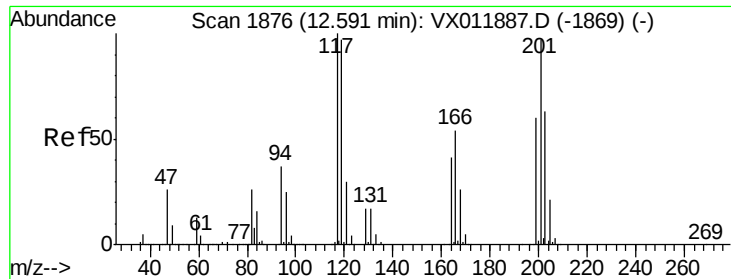
Abundance

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: 2.559 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

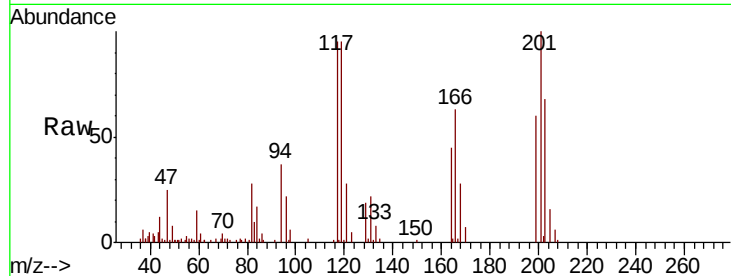
MDL07

Tgt Ion:117 Resp: 7560

Ion Ratio Lower Upper

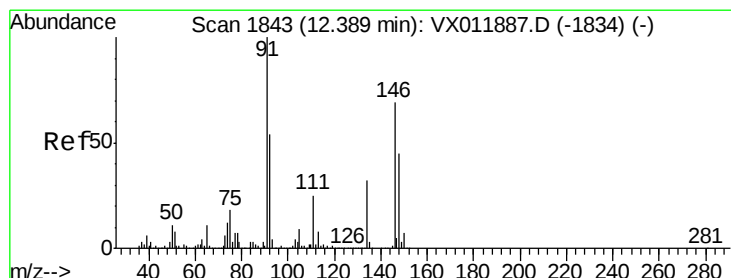
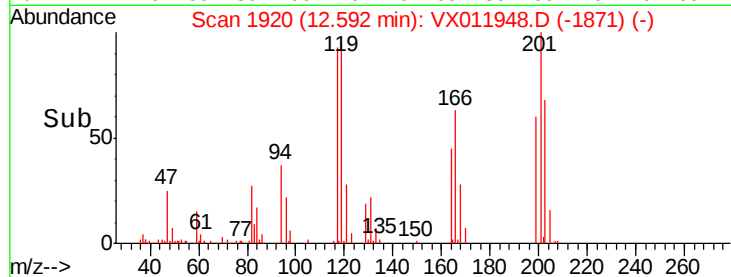
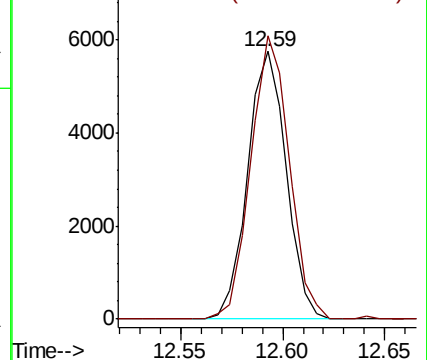
117 100

201 105.6 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: 2.687 ug/l

RT: 12.39 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

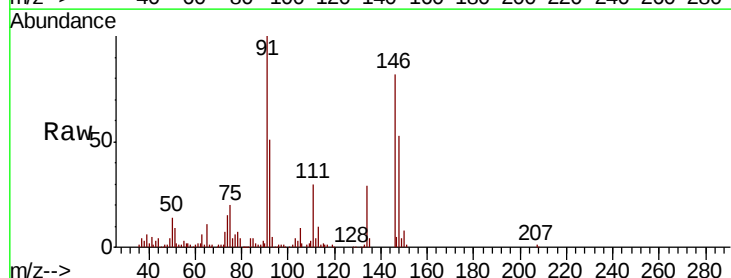
Tgt Ion:146 Resp: 20846

Ion Ratio Lower Upper

146 100

111 38.8 18.9 56.5

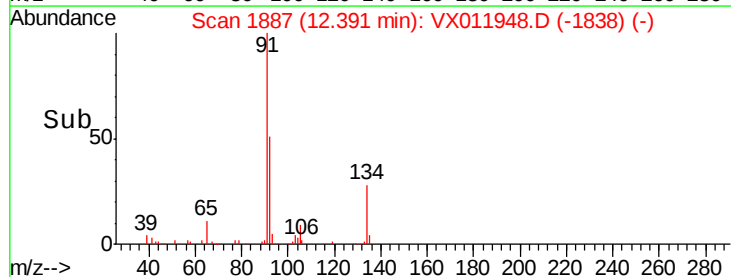
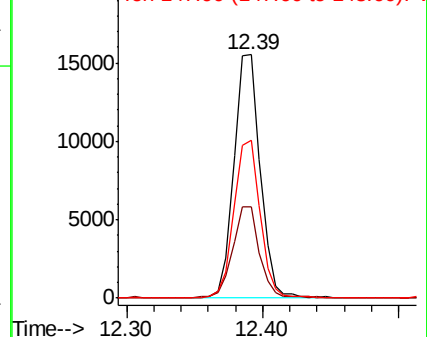
148 65.0 32.1 96.3

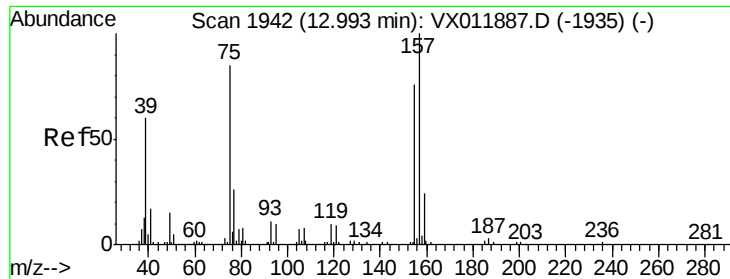


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

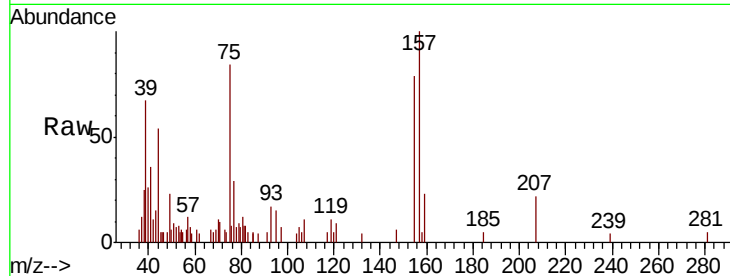




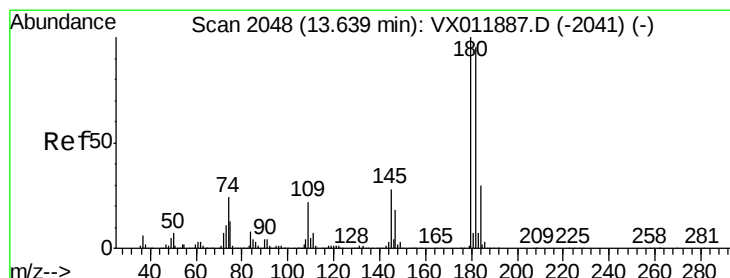
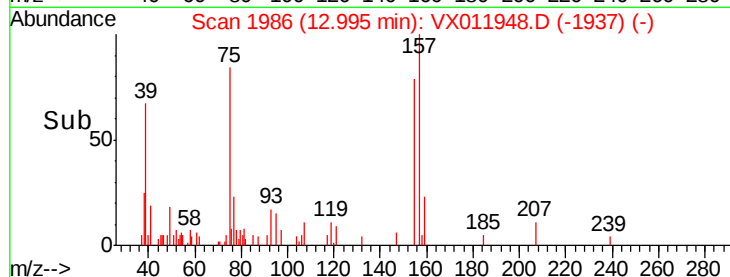
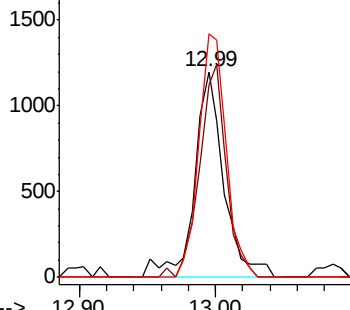
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.887 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX011948.D
 Acq: 31 Aug 2019 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL07

Tgt Ion: 75 Resp: 1822
 Ion Ratio Lower Upper
 75 100
 155 93.6 50.1 150.4
 157 110.1 63.9 191.7

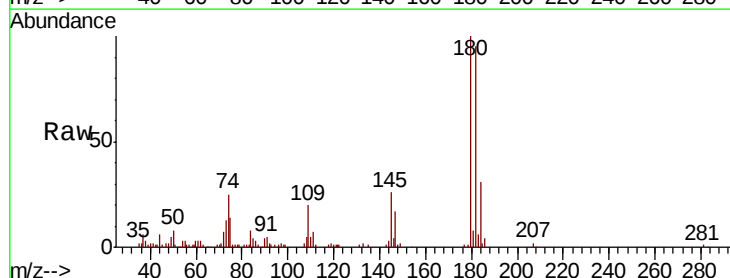


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

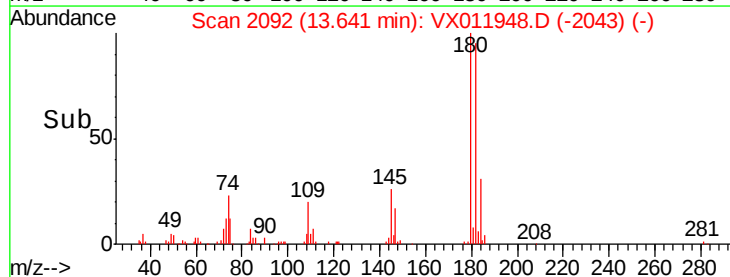
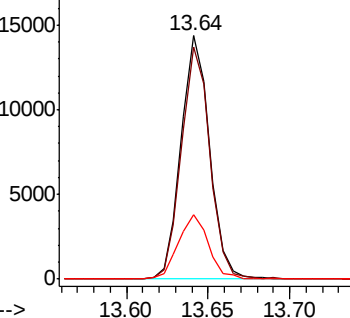


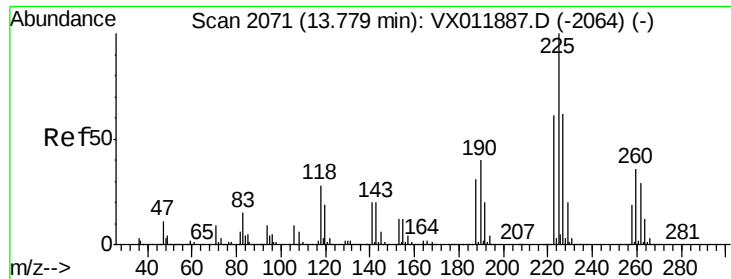
#93
 1,2,4-Trichlorobenzene
 Concen: 2.690 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX011948.D
 Acq: 31 Aug 2019 13:59

Tgt Ion: 180 Resp: 17572
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.1 144.4
 145 27.9 13.8 41.3



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





#94

Hexachlorobutadiene

Concen: 2.583 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

Instrument :

MSVOA_X

ClientSampleId :

MDL07

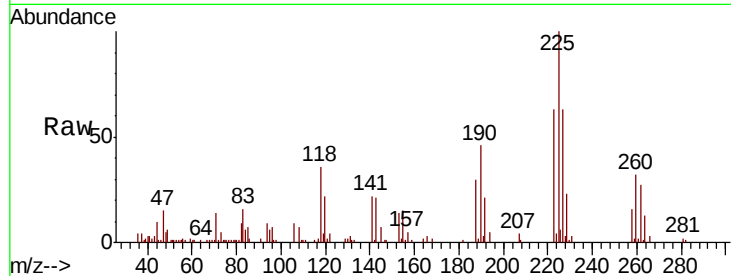
Tgt Ion:225 Resp: 11266

Ion Ratio Lower Upper

225 100

223 62.5 30.8 92.3

227 64.3 31.9 95.7

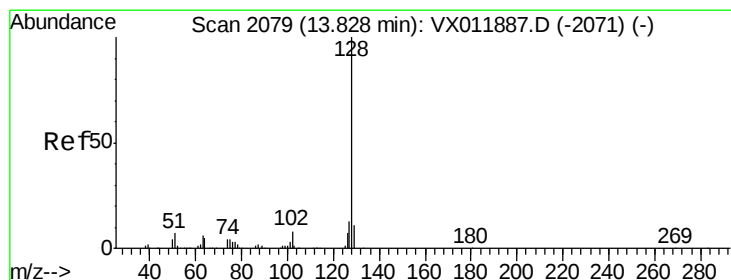
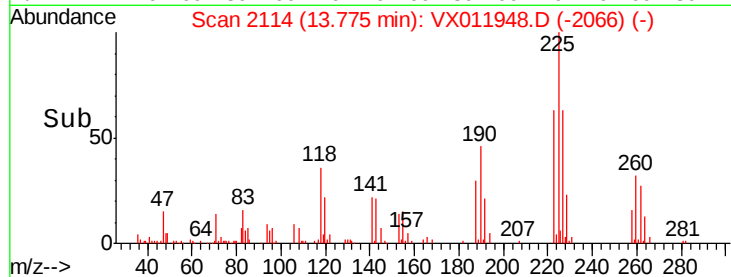
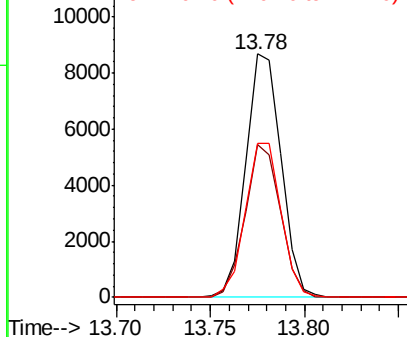


Abundance

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: 2.574 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX011948.D

Acq: 31 Aug 2019 13:59

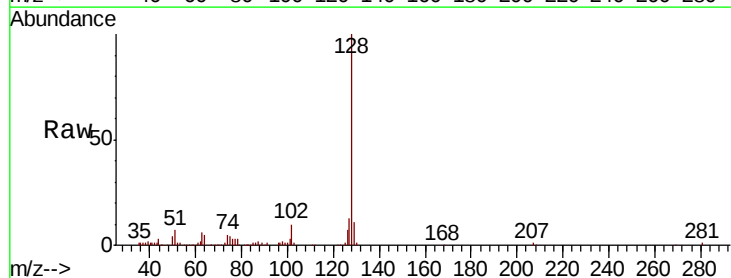
Tgt Ion:128 Resp: 28853

Ion Ratio Lower Upper

128 100

127 12.4 10.4 15.6

129 11.0 8.8 13.2

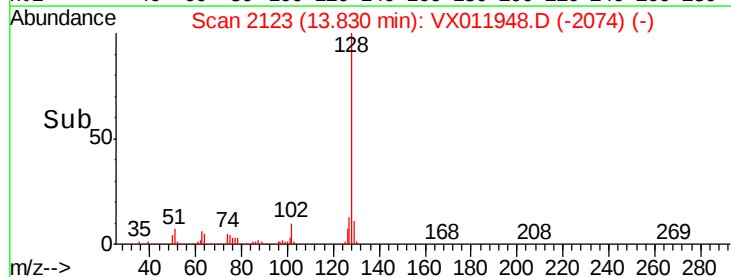
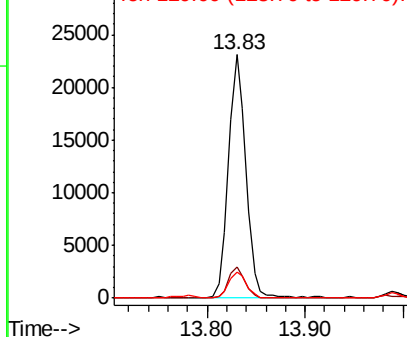


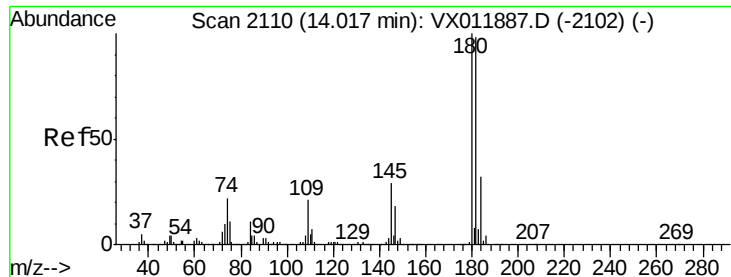
Abundance

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

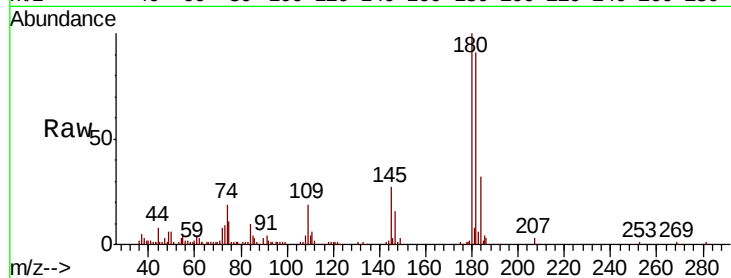




#96
 1,2,3-Trichlorobenzene
 Concen: 2.715 ug/l
 RT: 14.02 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VX011948.D
 Acq: 31 Aug 2019 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL07

Tgt Ion:	180	Resp:	16035
Ion	Ratio	Lower	Upper
180	100		
182	92.3	48.3	144.8
145	31.4	14.6	43.8



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

