

Data File : VX011947.D
Acq On : 31 Aug 2019 13:31
Operator : SY/SP
Sample : MDL06
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL06

Quant Time: Sep 05 12:06:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 05 11:43:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	384929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	512983	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	475786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	275663	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	174210	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
35) Dibromofluoromethane	5.48	113	164630	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	8.71	98	601773	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
62) 4-Bromofluorobenzene	11.14	95	245295	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	6113	2.631	ug/l	91
3) Chloromethane	1.31	50	5798	2.153	ug/l	89
4) Vinyl Chloride	1.39	62	5758	2.239	ug/l	100
5) Bromomethane	1.63	94	5354	3.009	ug/l	88
6) Chloroethane	1.71	64	3490	2.180	ug/l #	84
7) Trichlorofluoromethane	1.92	101	10312	2.309	ug/l	99
8) Diethyl Ether	2.17	74	3635	2.368	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	6559	2.253	ug/l	93
10) Methyl Iodide	2.50	142	4601	1.698	ug/l #	91
11) Tert butyl alcohol	3.03	59	4668	13.156	ug/l #	93
12) 1,1-Dichloroethene	2.36	96	5851	2.164	ug/l	96
13) Acrolein	2.28	56	1931	10.935	ug/l #	53
14) Allyl chloride	2.71	41	9853	1.943	ug/l	96
15) Acrylonitrile	3.12	53	8240	9.773	ug/l	99
16) Acetone	2.43	43	10064	12.683	ug/l	97
17) Carbon Disulfide	2.56	76	15966	2.059	ug/l #	94
18) Methyl Acetate	2.76	43	5884	2.679	ug/l	94
19) Methyl tert-butyl Ether	3.18	73	17498	1.998	ug/l	97
20) Methylene Chloride	2.84	84	11872	3.014	ug/l	90
21) trans-1,2-Dichloroethene	3.15	96	7037	2.210	ug/l	98
22) Diisopropyl ether	3.84	45	20743	2.004	ug/l #	89
23) Vinyl Acetate	3.80	43	56350	8.466	ug/l	96
24) 1,1-Dichloroethane	3.69	63	11575	2.027	ug/l #	94
25) 2-Butanone	4.66	43	10439	9.033	ug/l	95
26) 2,2-Dichloropropane	4.56	77	10691	2.233	ug/l	91
27) cis-1,2-Dichloroethene	4.58	96	8438	2.249	ug/l	97
28) Bromochloromethane	5.00	49	6644	2.593	ug/l	100
29) Tetrahydrofuran	5.12	42	6844	9.488	ug/l	89
30) Chloroform	5.20	83	14401	2.359	ug/l	90
31) Cyclohexane	5.57	56	10541	2.289	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	11670	2.152	ug/l	97
36) 1,1-Dichloropropene	5.79	75	9124	2.245	ug/l	96
37) Ethyl Acetate	4.83	43	4473	1.859	ug/l #	86
38) Carbon Tetrachloride	5.77	117	11037	2.342	ug/l	93

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 05 11:43:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	12318	2.545	ug/l	99
40) Benzene	6.13	78	24935	2.055	ug/l	99
41) Methacrylonitrile	5.04	41	2822	1.992	ug/l #	94
42) 1,2-Dichloroethane	6.18	62	9089	2.203	ug/l	88
43) Isopropyl Acetate	6.44	43	8893	1.823	ug/l #	92
44) Trichloroethene	7.21	130	8825	2.351	ug/l	92
45) 1,2-Dichloropropane	7.50	63	6959	2.193	ug/l	98
46) Dibromomethane	7.65	93	4124	2.190	ug/l	95
47) Bromodichloromethane	7.89	83	9455	2.025	ug/l	97
48) Methyl methacrylate	7.77	41	4872	2.053	ug/l	97
49) 1,4-Dioxane	7.74	88	1363	41.766	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	22469	9.068	ug/l	97
52) Toluene	8.78	92	17545	2.186	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	9431	1.972	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	10990	2.047	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	6091	2.209	ug/l	96
56) Ethyl methacrylate	9.17	69	7342	1.919	ug/l	96
57) 1,3-Dichloropropane	9.37	76	9956	2.176	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	20073	11.014	ug/l	99
59) 2-Hexanone	9.49	43	16066	9.128	ug/l	99
60) Dibromochloromethane	9.58	129	7420	2.004	ug/l	98
61) 1,2-Dibromoethane	9.67	107	5707	2.088	ug/l	99
64) Tetrachloroethene	9.33	164	9448	2.469	ug/l	96
65) Chlorobenzene	10.14	112	20091	2.179	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	8060	2.162	ug/l	96
67) Ethyl Benzene	10.25	91	34931	2.227	ug/l	98
68) m/p-Xylenes	10.36	106	27440	4.531	ug/l	97
69) o-Xylene	10.70	106	13151	2.228	ug/l	99
70) Styrene	10.71	104	20809	2.001	ug/l	96
71) Bromoform	10.86	173	5116	1.941	ug/l #	96
73) Isopropylbenzene	11.01	105	35391	2.234	ug/l	98
74) N-amyl acetate	10.89	43	8530	1.815	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.26	83	6774	2.090	ug/l	94
76) 1,2,3-Trichloropropane	11.29	75	5601m	2.065	ug/l	
77) Bromobenzene	11.25	156	10462	2.277	ug/l	95
78) n-propylbenzene	11.35	91	41408	2.305	ug/l	98
79) 2-Chlorotoluene	11.42	91	25055	2.318	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	31068	2.272	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	2133m	1.976	ug/l	
82) 4-Chlorotoluene	11.51	91	30076	2.306	ug/l	100
83) tert-Butylbenzene	11.76	119	32801	2.364	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	31934	2.279	ug/l	100
85) sec-Butylbenzene	11.94	105	39451	2.448	ug/l	99
86) p-Isopropyltoluene	12.06	119	36626	2.344	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	19983	2.341	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	20720	2.401	ug/l	85
89) n-Butylbenzene	12.39	91	33968	2.457	ug/l	97
90) Hexachloroethane	12.59	117	7287	2.411	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	18423	2.321	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1497	2.318	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	17101	2.559	ug/l	99
94) Hexachlorobutadiene	13.78	225	12208	2.735	ug/l	98
95) Naphthalene	13.83	128	27429	2.391	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	15977	2.644	ug/l	97

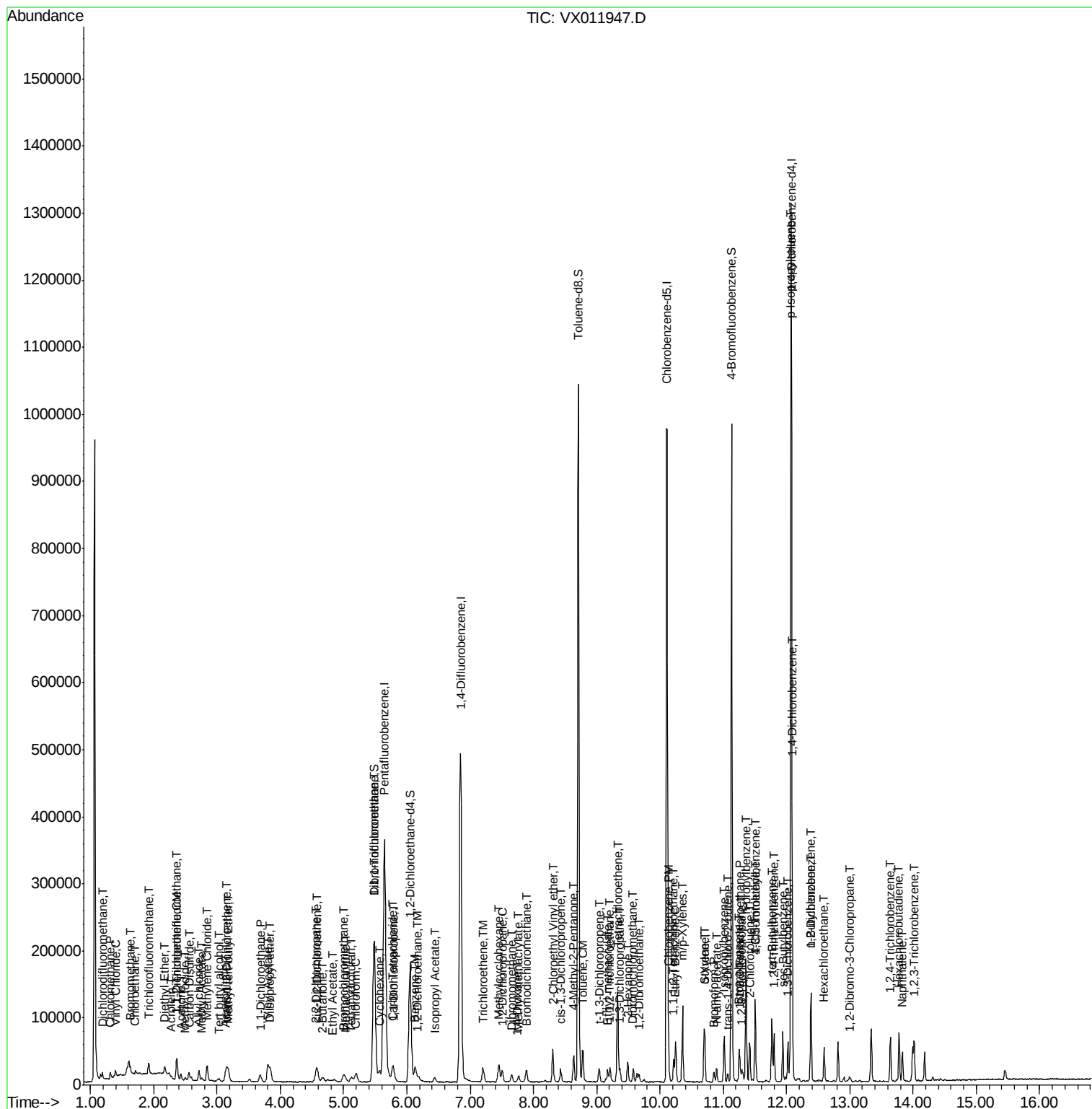
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX011947.D

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```

Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Sep 05 12:06:50 2019
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Quant Title : SW846 8260
QLast Update : Thu Sep 05 11:43:15 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

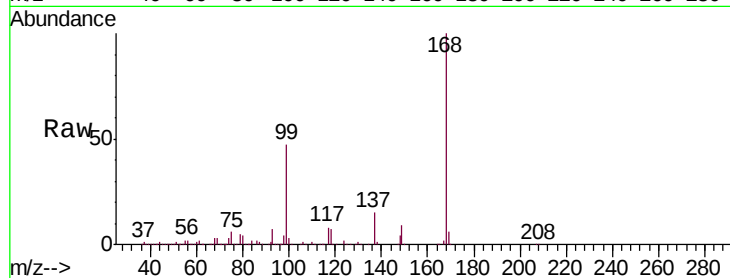
MDL06

Tgt Ion:168 Resp: 384929

Ion Ratio Lower Upper

168 100

99 46.7 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

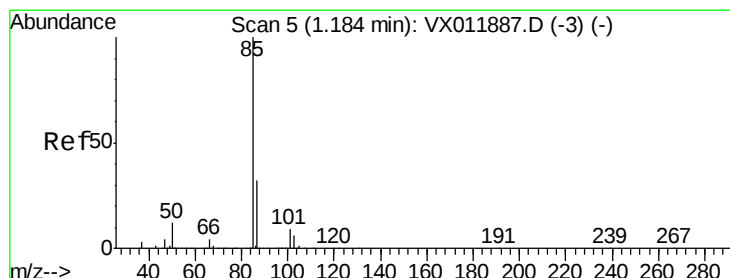
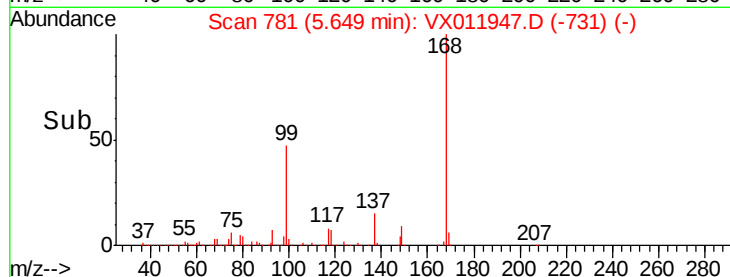
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 2.631 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX011947.D

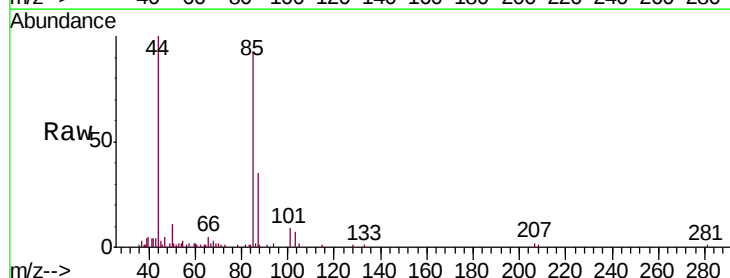
Acq: 31 Aug 2019 13:31

Tgt Ion: 85 Resp: 6113

Ion Ratio Lower Upper

85 100

87 37.4 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

6000

5000

4000

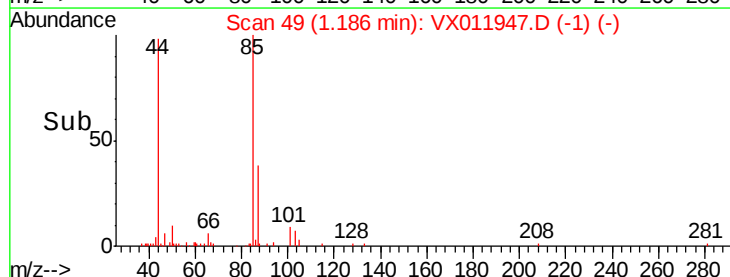
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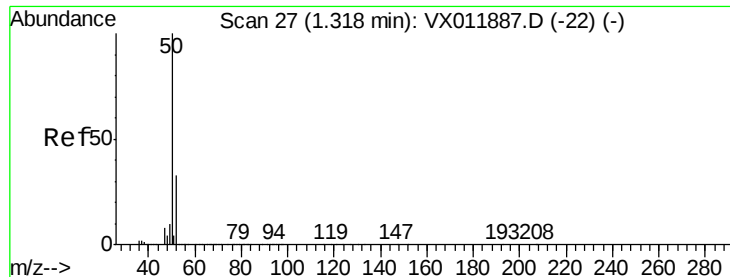
2000

1000

0

Time-->





#3

Chloromethane

Concen: 2.153 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

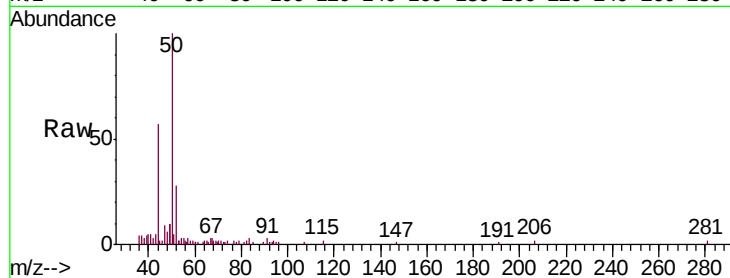
MDL06

Tgt Ion: 50 Resp: 5798

Ion Ratio Lower Upper

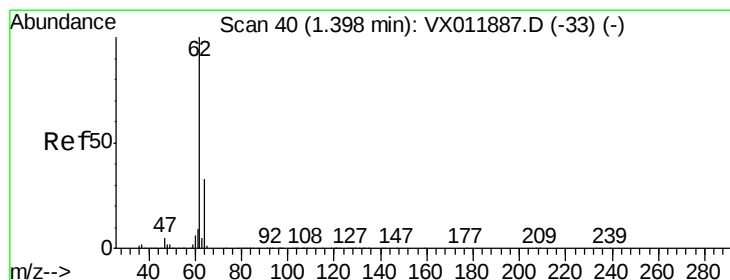
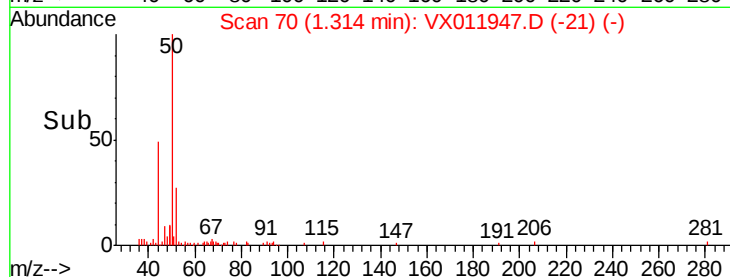
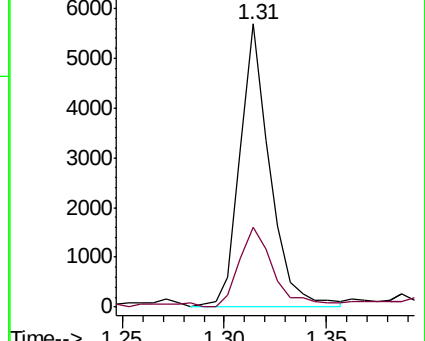
50 100

52 26.6 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 2.239 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX011947.D

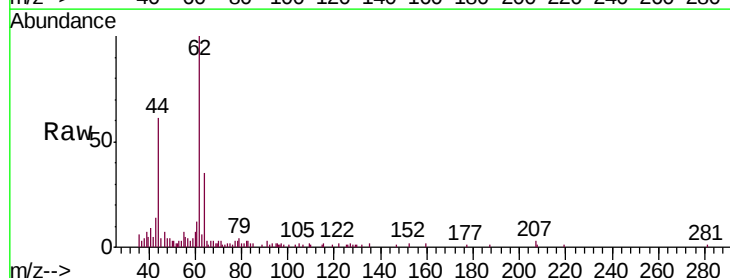
Acq: 31 Aug 2019 13:31

Tgt Ion: 62 Resp: 5758

Ion Ratio Lower Upper

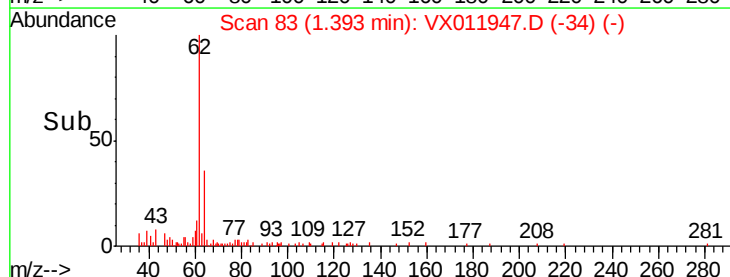
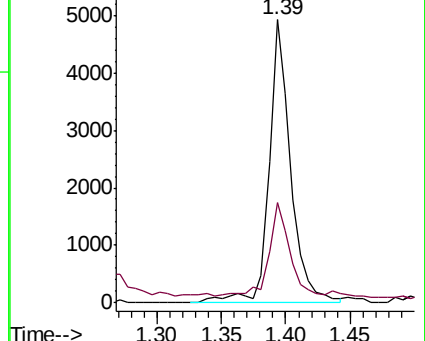
62 100

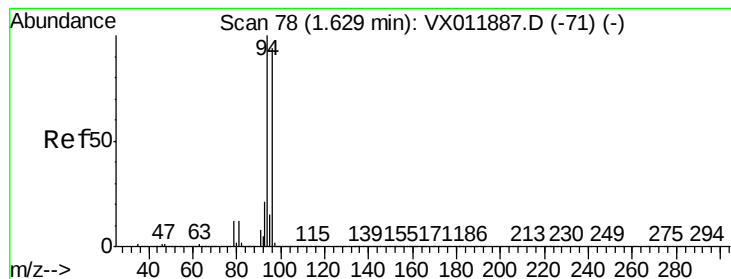
64 32.5 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 3.009 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

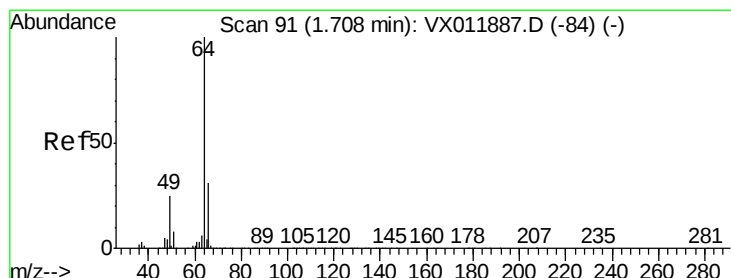
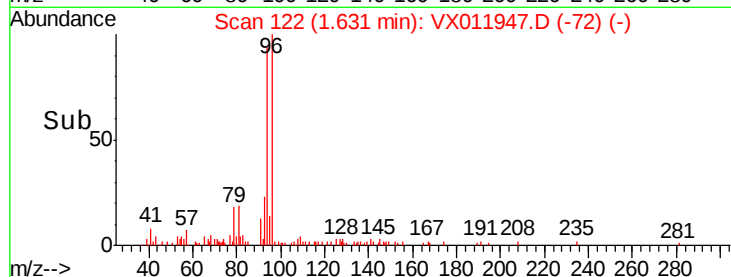
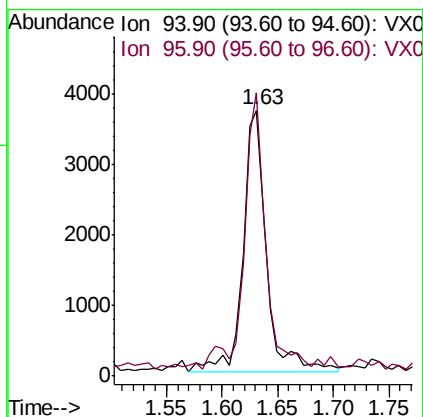
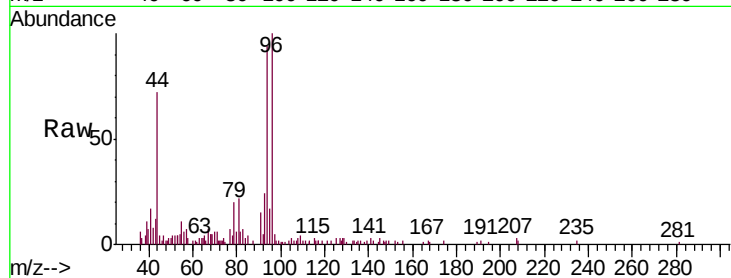
MDL06

Tgt Ion: 94 Resp: 5354

Ion Ratio Lower Upper

94 100

96 105.0 75.0 112.6



#6

Chloroethane

Concen: 2.180 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX011947.D

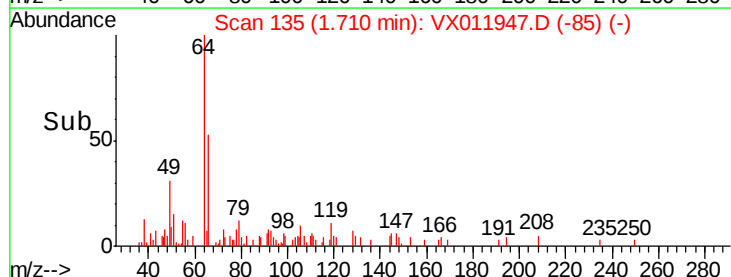
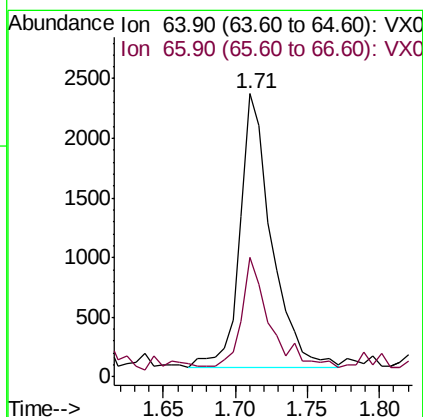
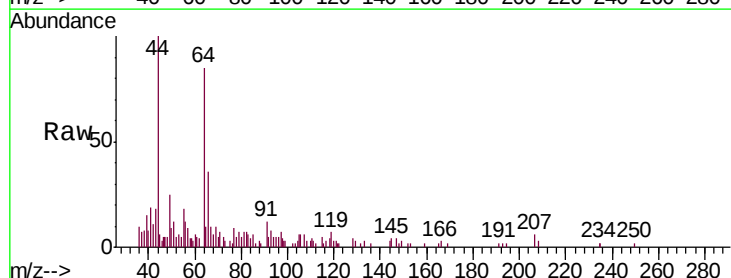
Acq: 31 Aug 2019 13:31

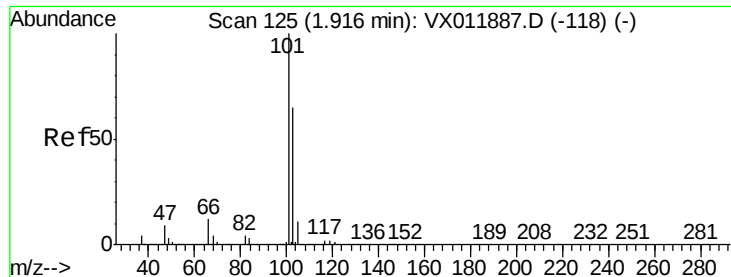
Tgt Ion: 64 Resp: 3490

Ion Ratio Lower Upper

64 100

66 40.2 25.0 37.4#



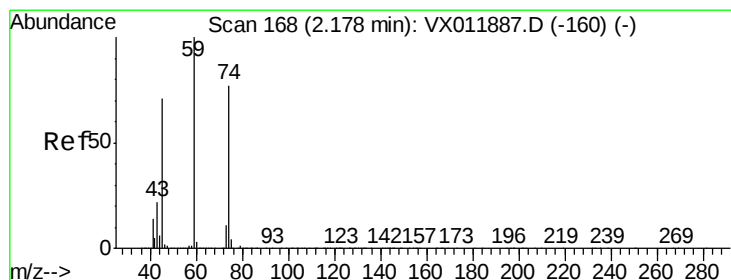
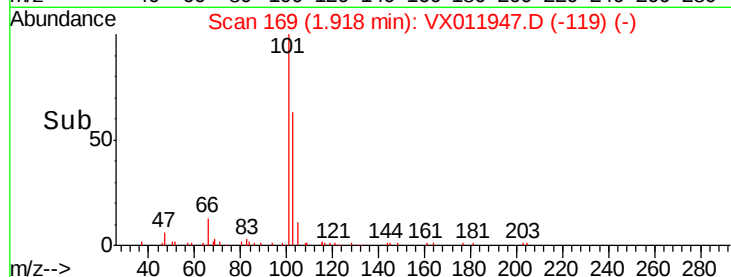
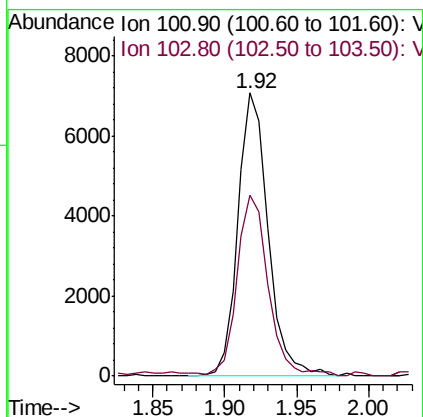
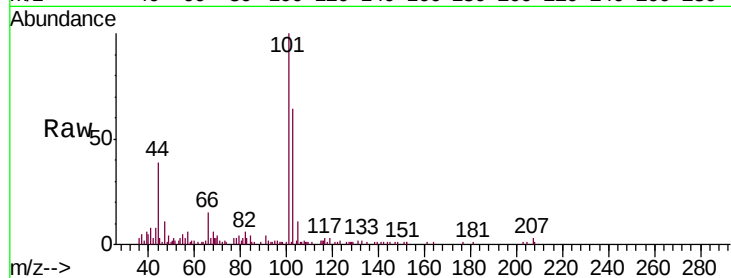


#7

Trichlorofluoromethane
Concen: 2.309 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX011947.D
Acq: 31 Aug 2019 13:31

Instrument :
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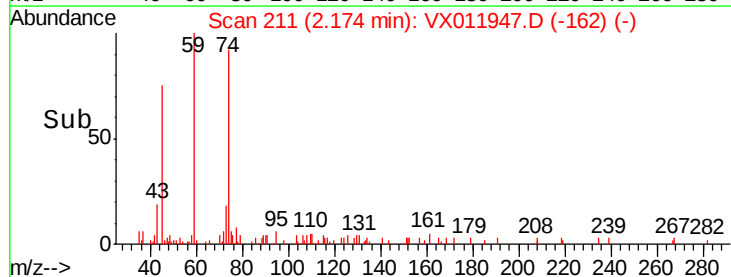
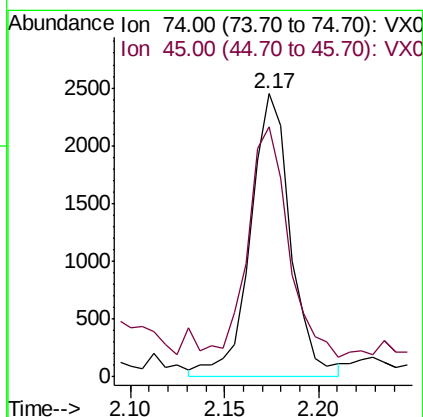
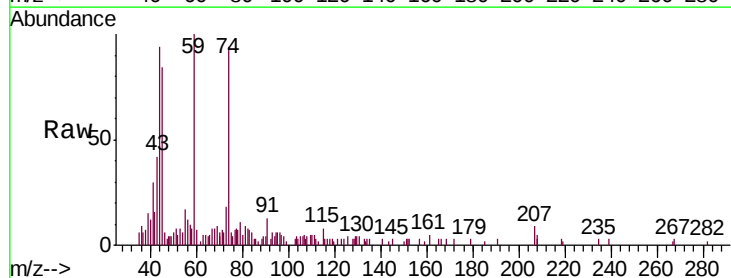
Tgt Ion: 101 Resp: 10312
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4

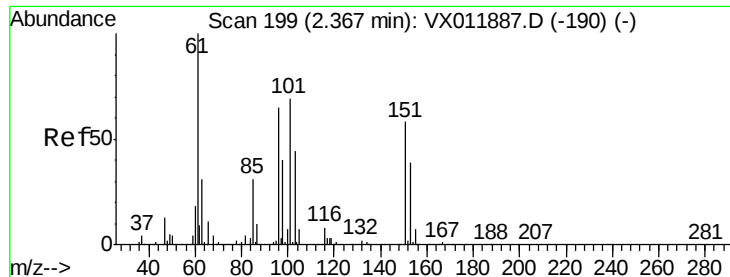


#8

Diethyl Ether
Concen: 2.368 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX011947.D
Acq: 31 Aug 2019 13:31

Tgt Ion: 74 Resp: 3635
Ion Ratio Lower Upper
74 100
45 83.3 46.7 140.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.253 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

MDL06

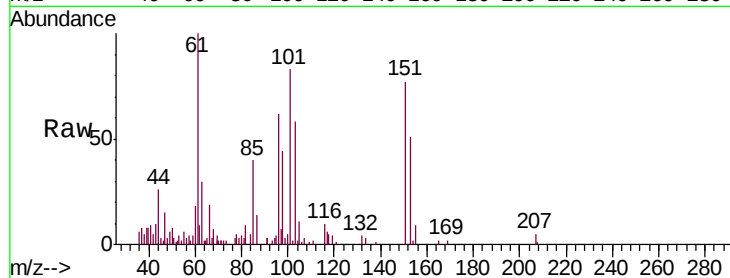
Tgt Ion:101 Resp: 6559

Ion Ratio Lower Upper

101 100

85 47.9 34.9 52.3

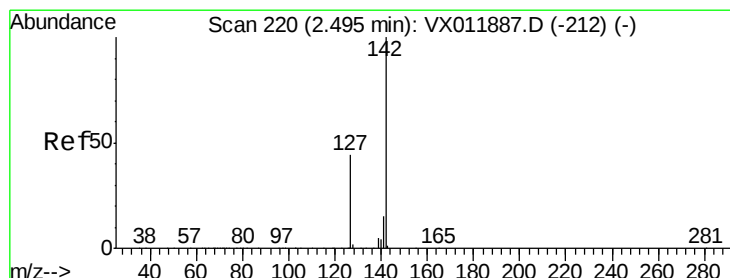
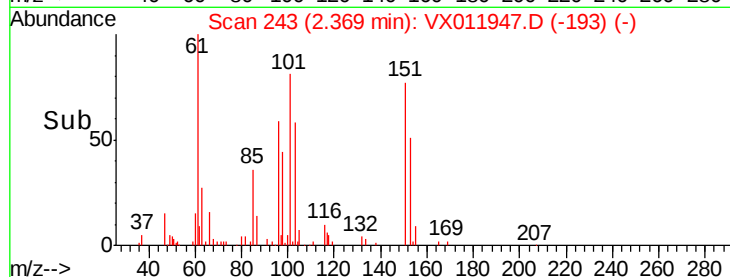
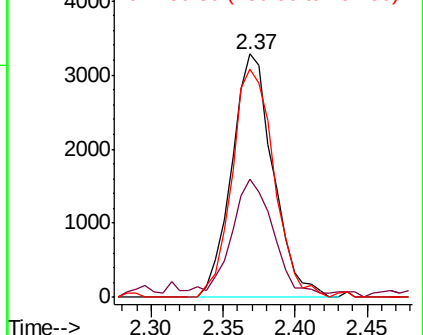
151 95.2 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 1.698 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

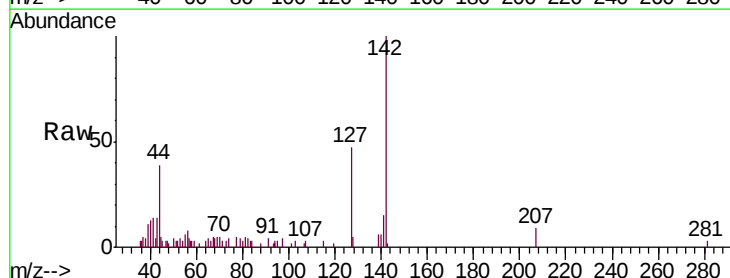
Tgt Ion:142 Resp: 4601

Ion Ratio Lower Upper

142 100

127 50.7 35.7 53.5

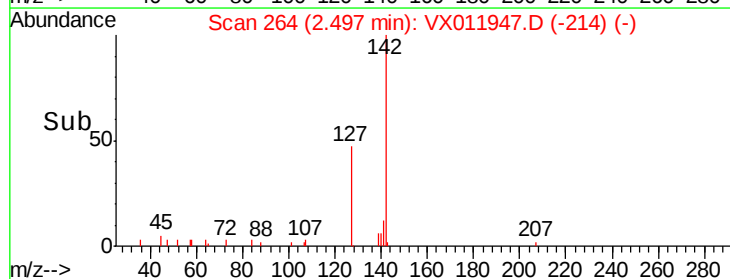
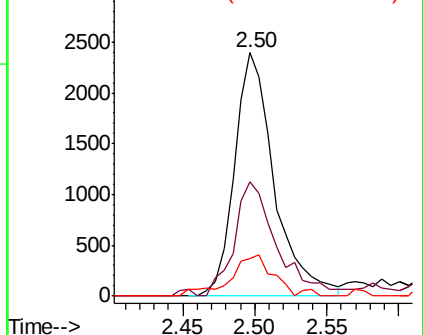
141 18.5 11.8 17.6#

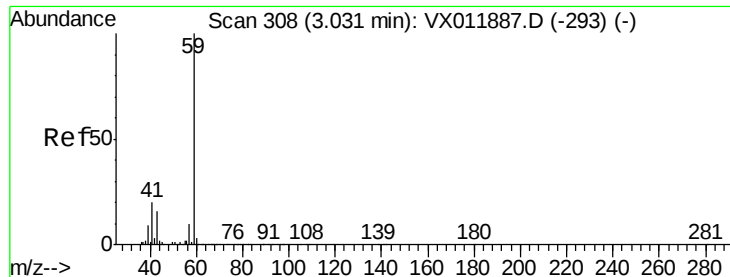


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

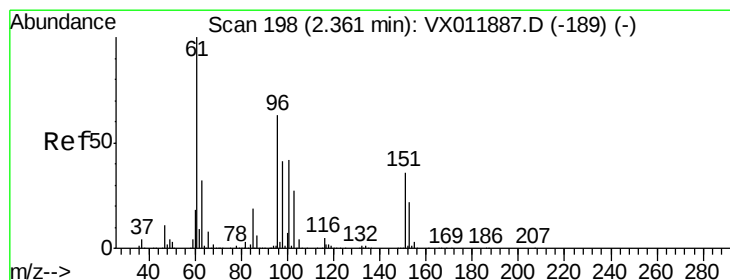
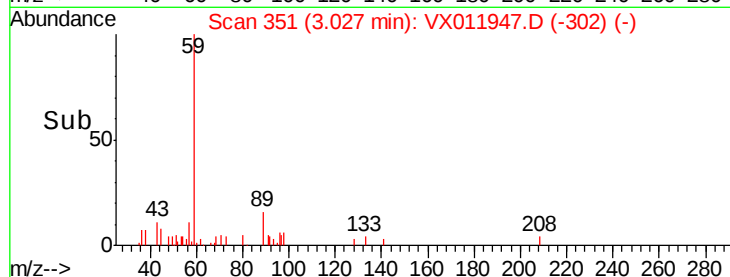
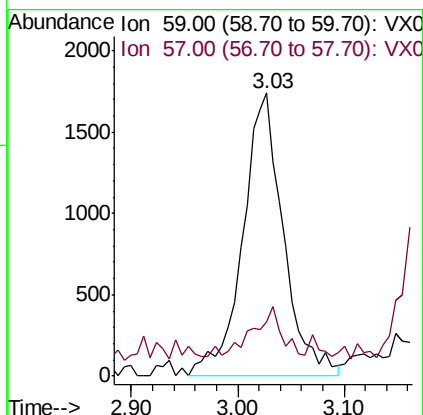
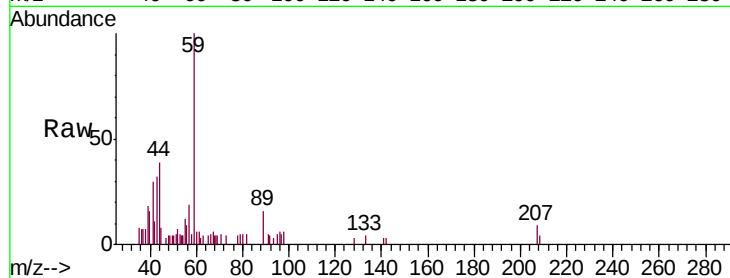




#11
Tert butyl alcohol
Concen: 13.156 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX011947.D
Acq: 31 Aug 2019 13:31

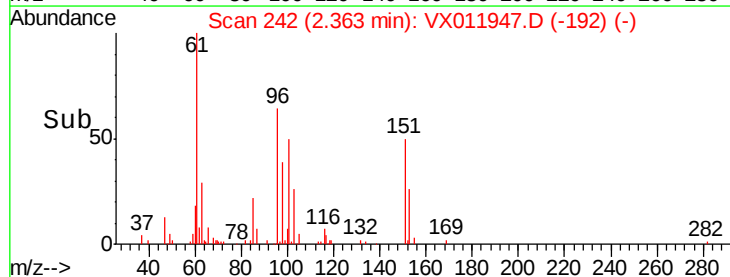
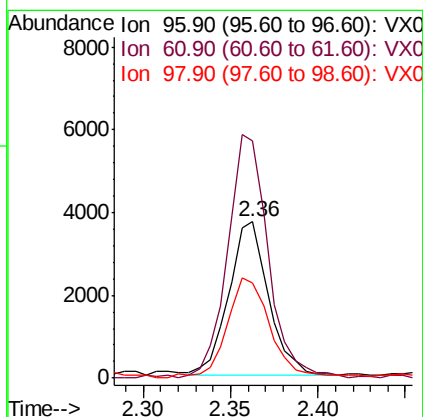
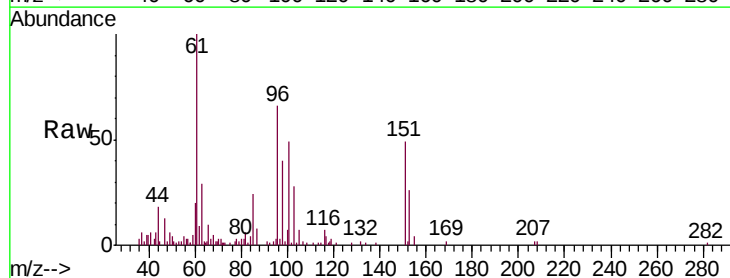
Instrument :
MSVOA_X
ClientSampleId :
MDL06

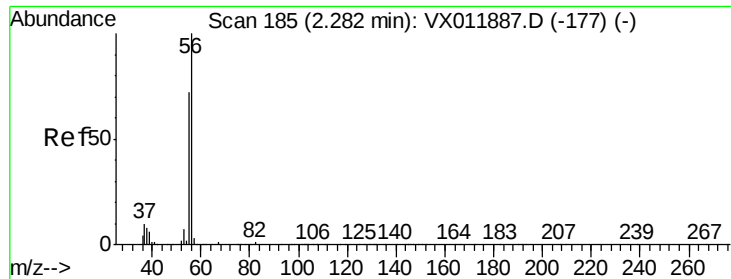
Tgt Ion: 59 Resp: 4668
Ion Ratio Lower Upper
59 100
57 13.5 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 2.164 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX011947.D
Acq: 31 Aug 2019 13:31

Tgt Ion: 96 Resp: 5851
Ion Ratio Lower Upper
96 100
61 153.1 126.6 190.0
98 60.3 51.6 77.4

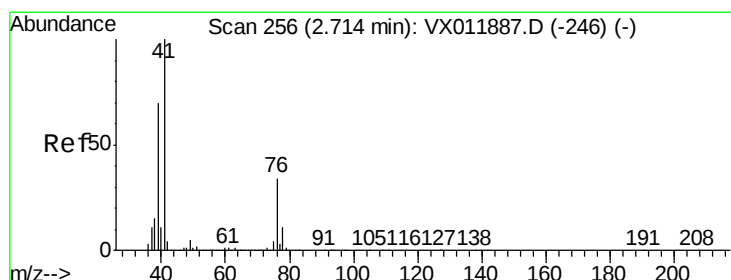
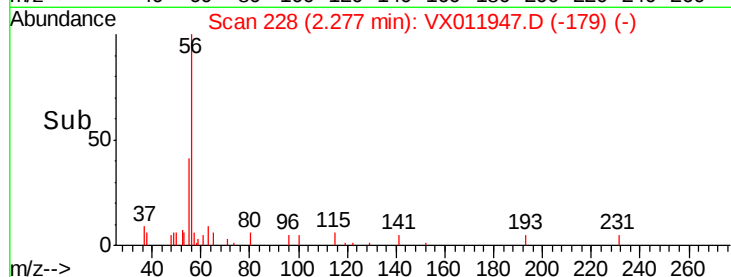
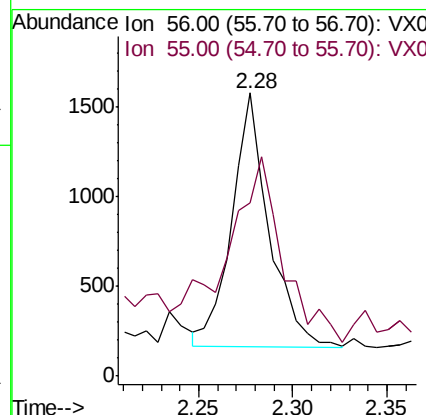
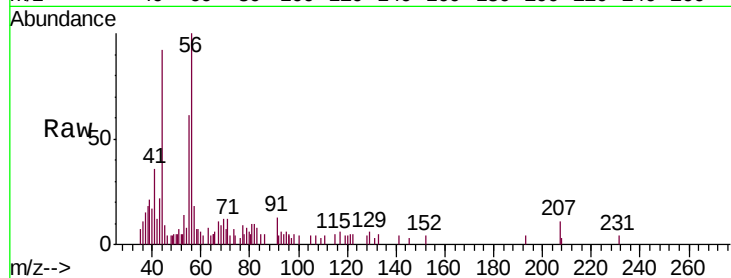




#13
Acrolein
Concen: 10.935 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.00 min
Lab File: VX011947.D
Acq: 31 Aug 2019 13:31

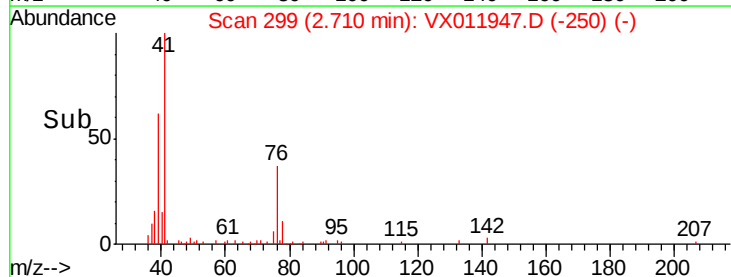
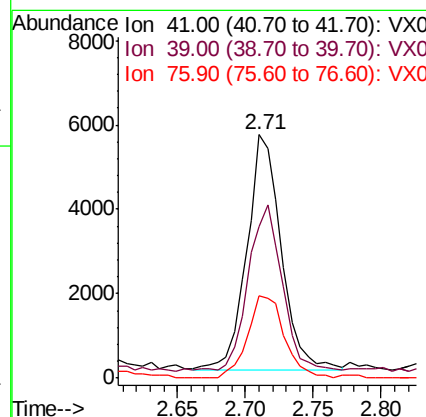
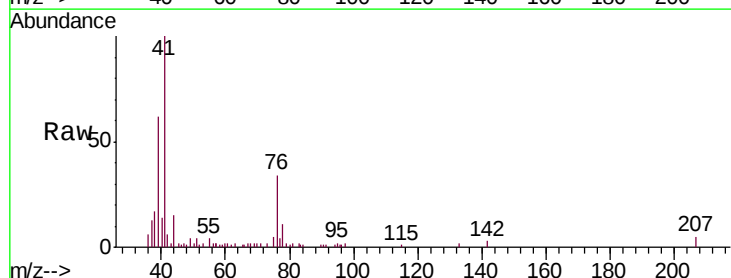
Instrument :
MSVOA_X
ClientSampleId :
MDL06

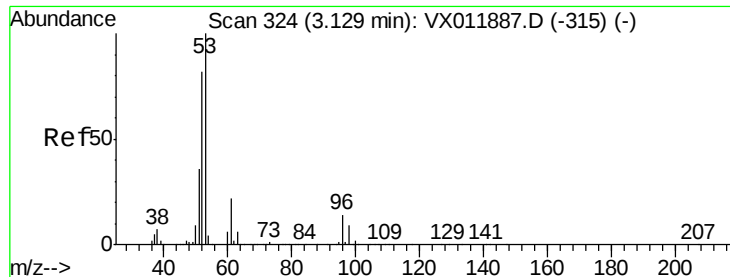
Tgt Ion: 56 Resp: 1931
Ion Ratio Lower Upper
56 100
55 112.6 58.6 88.0#



#14
Allyl chloride
Concen: 1.943 ug/l
RT: 2.71 min Scan# 299
Delta R.T. -0.00 min
Lab File: VX011947.D
Acq: 31 Aug 2019 13:31

Tgt Ion: 41 Resp: 9853
Ion Ratio Lower Upper
41 100
39 71.3 55.0 82.6
76 37.6 27.0 40.4





#15

Acrylonitrile

Concen: 9.773 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

MDL06

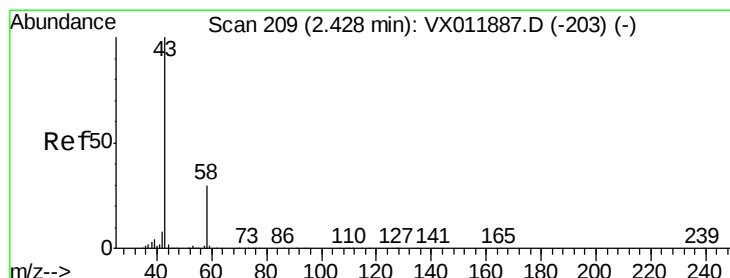
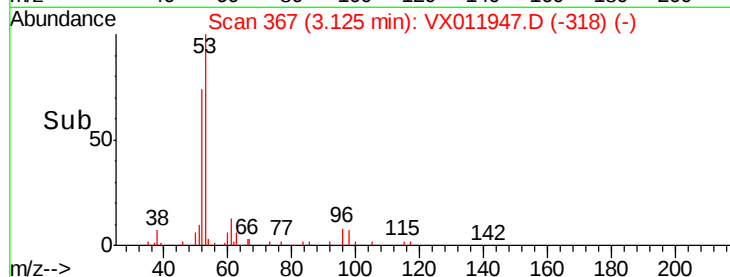
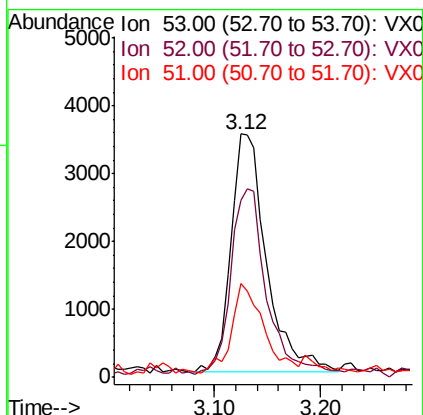
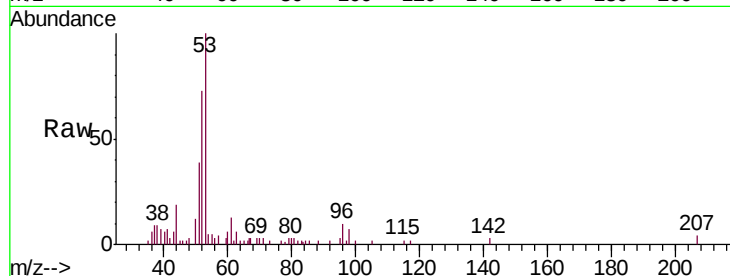
Tgt Ion: 53 Resp: 8240

Ion Ratio Lower Upper

53 100

52 82.5 65.3 97.9

51 35.9 29.4 44.2



#16

Acetone

Concen: 12.683 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011947.D

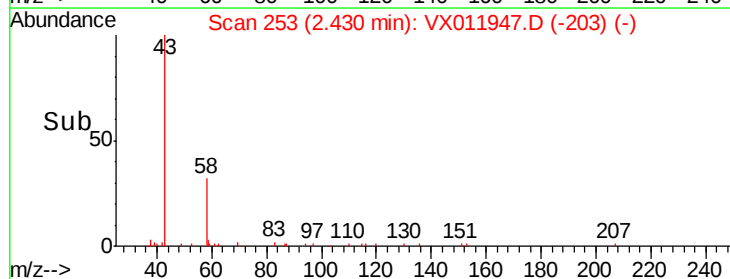
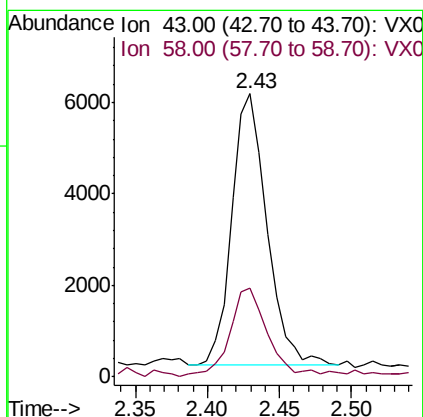
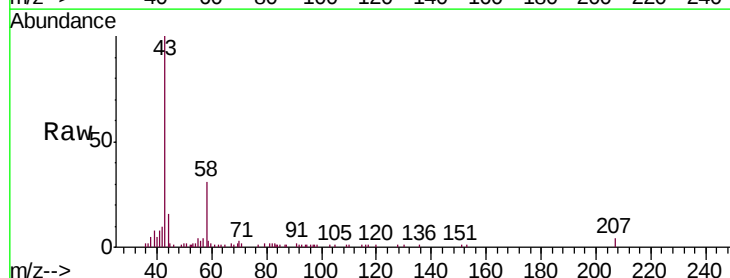
Acq: 31 Aug 2019 13:31

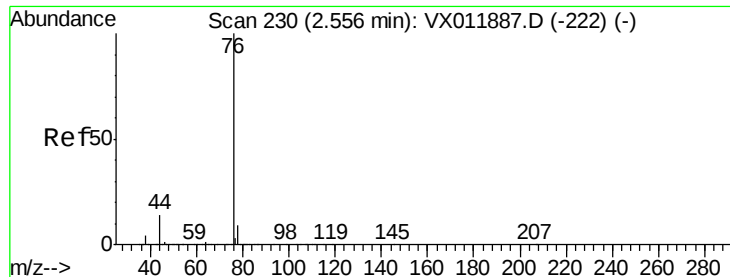
Tgt Ion: 43 Resp: 10064

Ion Ratio Lower Upper

43 100

58 31.6 23.8 35.8





#17

Carbon Disulfide

Concen: 2.059 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

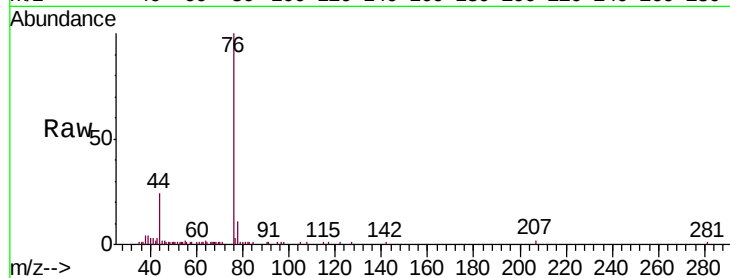
MDL06

Tgt Ion: 76 Resp: 15966

Ion Ratio Lower Upper

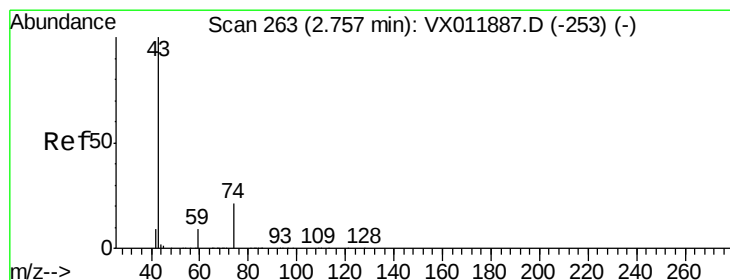
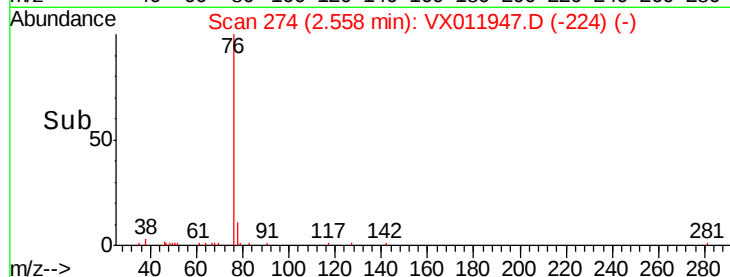
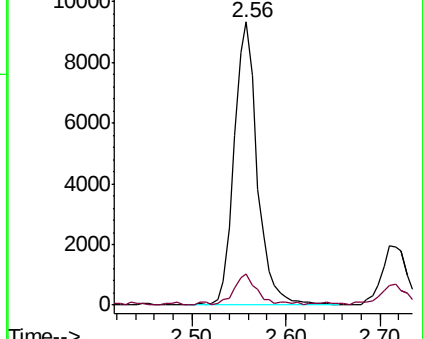
76 100

78 11.2 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 2.679 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX011947.D

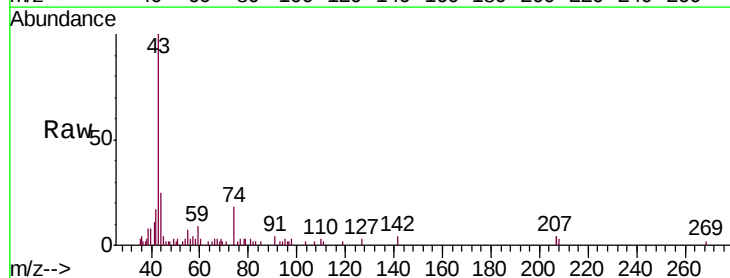
Acq: 31 Aug 2019 13:31

Tgt Ion: 43 Resp: 5884

Ion Ratio Lower Upper

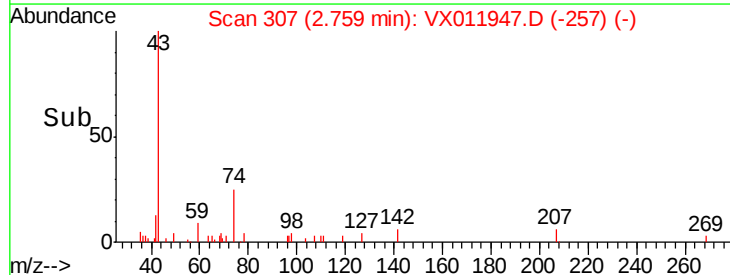
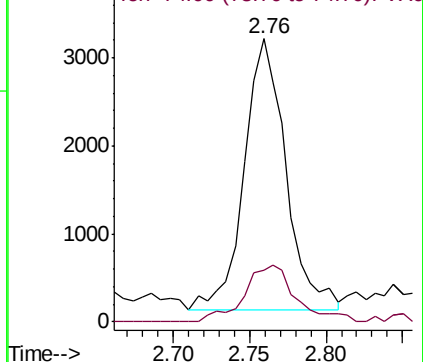
43 100

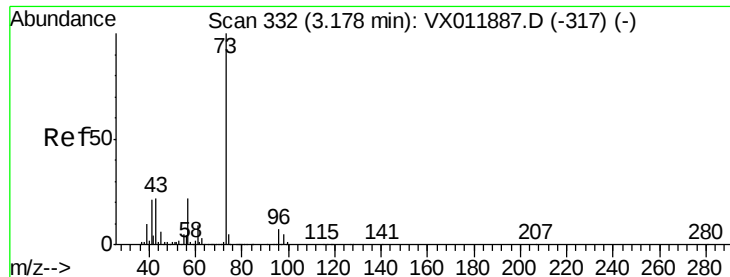
74 25.8 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 1.998 ug/l

RT: 3.18 min Scan# 376

Delta R.T. 0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

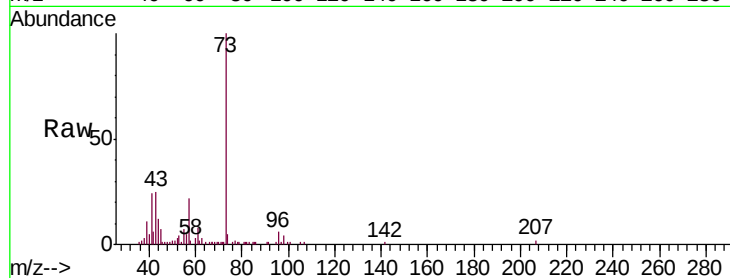
MDL06

Tgt Ion: 73 Resp: 17498

Ion Ratio Lower Upper

73 100

57 20.5 17.4 26.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

8000

6000

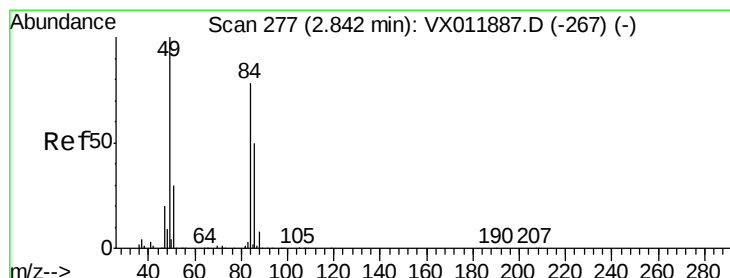
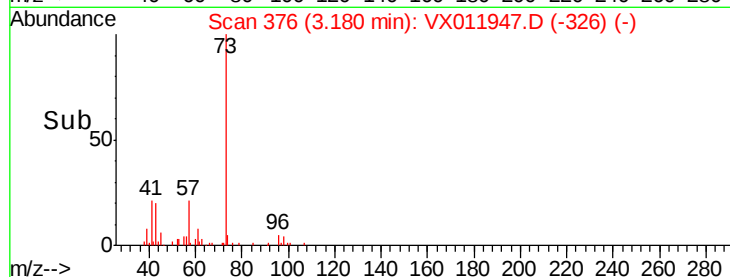
4000

2000

0

3.10 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 3.014 ug/l

RT: 2.84 min Scan# 321

Delta R.T. 0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Tgt Ion: 84 Resp: 11872

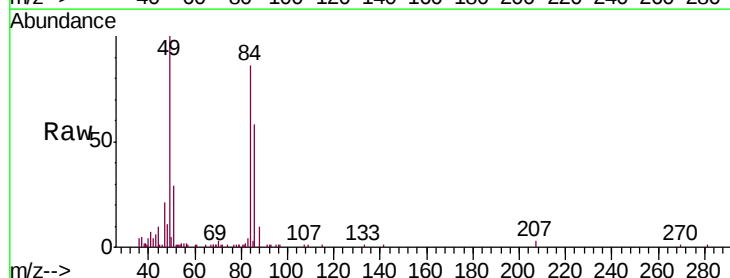
Ion Ratio Lower Upper

84 100

49 113.8 103.0 154.4

51 32.4 30.8 46.2

86 67.5 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

10000

8000

6000

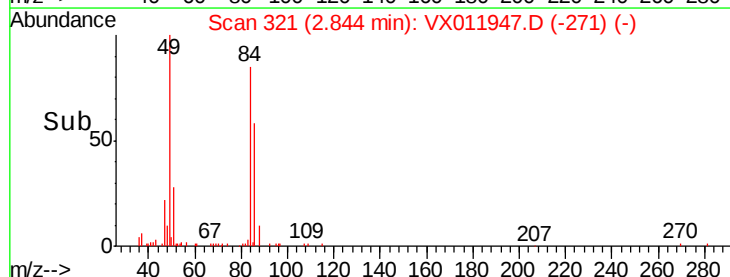
4000

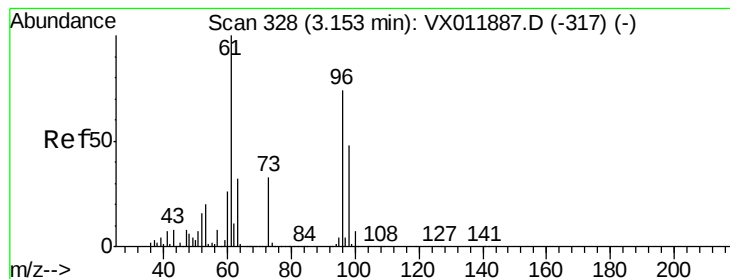
2000

0

2.70 2.80 2.90

Time-->





#21

trans-1,2-Dichloroethene

Concen: 2.210 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

MDL06

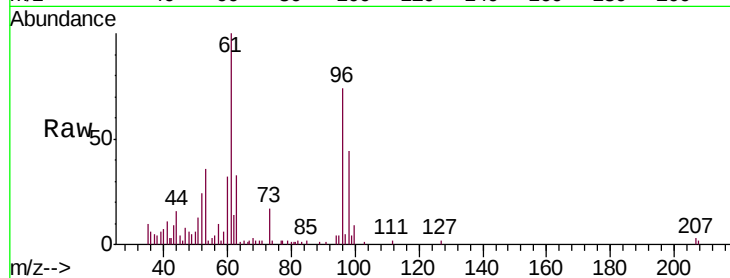
Tgt Ion: 96 Resp: 7037

Ion Ratio Lower Upper

96 100

61 133.7 107.4 161.2

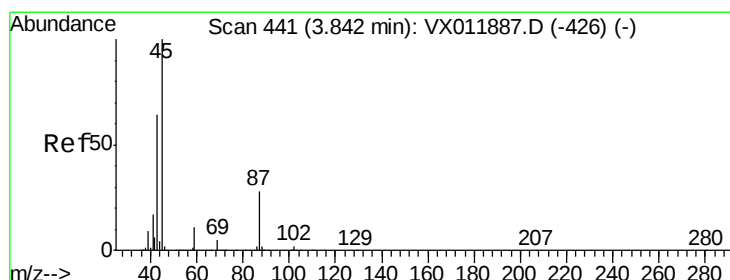
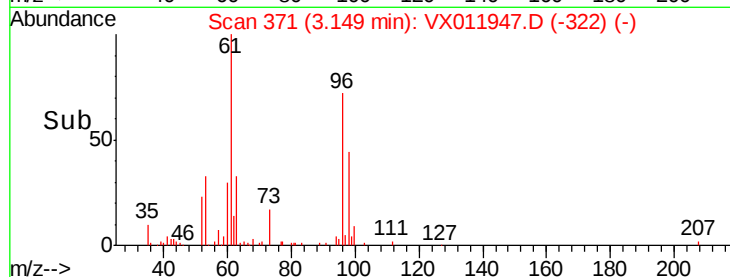
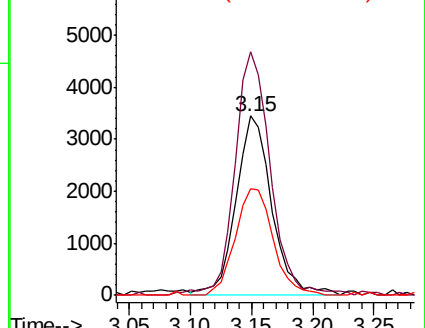
98 59.3 51.4 77.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 2.004 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Tgt Ion: 45 Resp: 20743

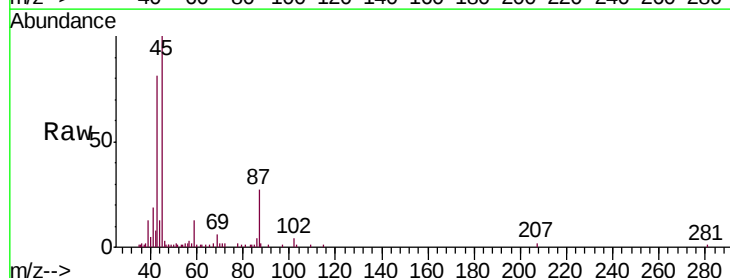
Ion Ratio Lower Upper

45 100

43 77.1 51.0 76.6#

87 26.8 22.0 33.0

59 13.1 9.1 13.7

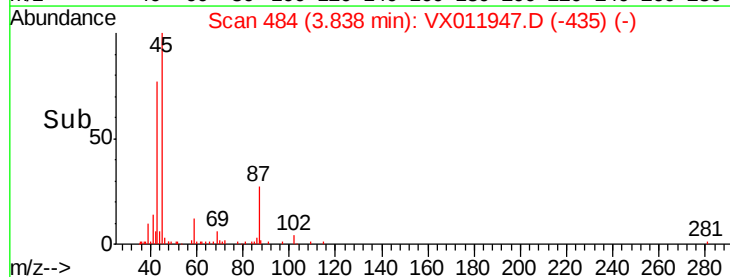
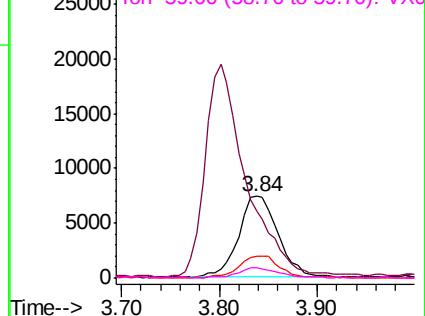


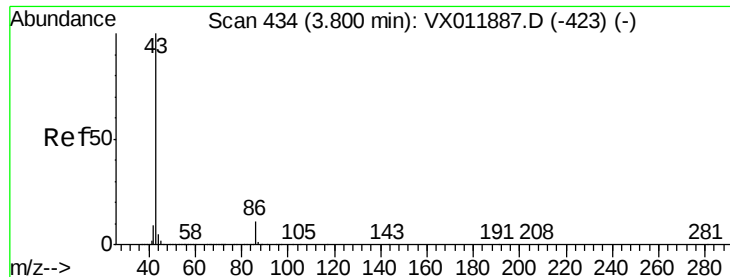
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

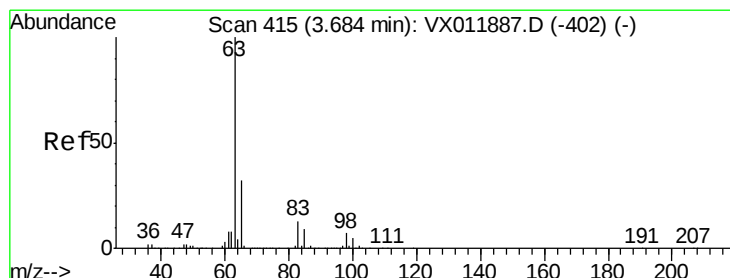
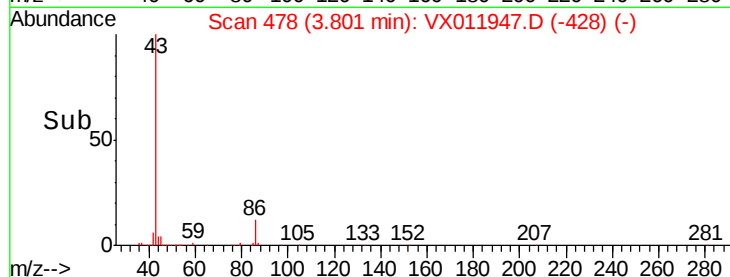
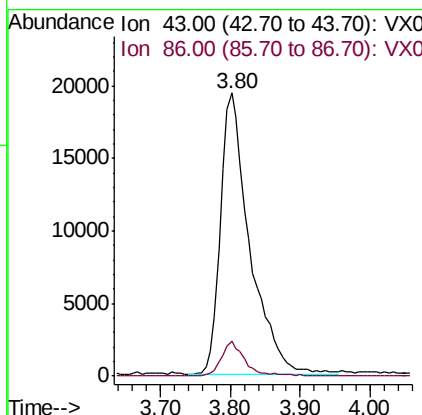
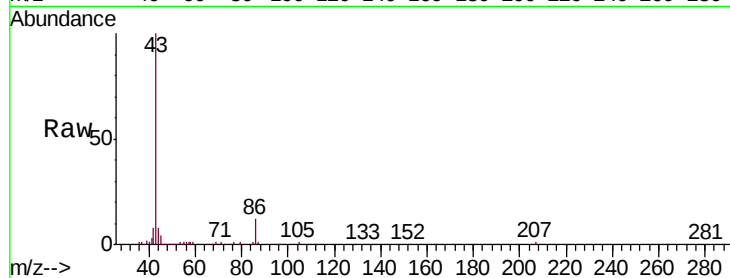




#23
 Vinyl Acetate
 Concen: 8.466 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX011947.D
 Acq: 31 Aug 2019 13:31

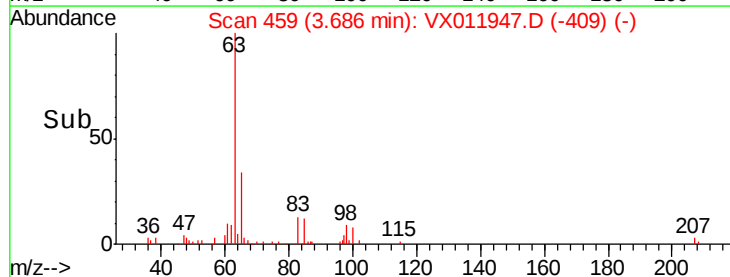
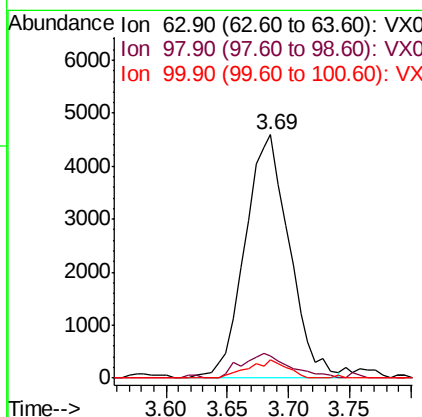
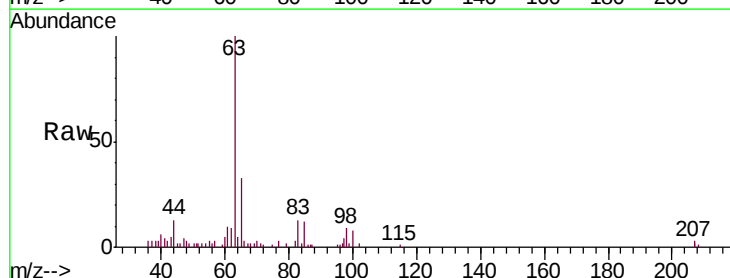
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

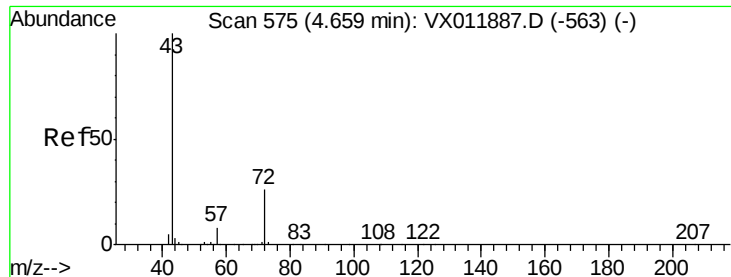
Tgt Ion: 43 Resp: 56350
 Ion Ratio Lower Upper
 43 100
 86 12.3 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 2.027 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX011947.D
 Acq: 31 Aug 2019 13:31

Tgt Ion: 63 Resp: 11575
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.8 11.2
 100 7.7 2.4 7.2#





#25

2-Butanone

Concen: 9.033 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

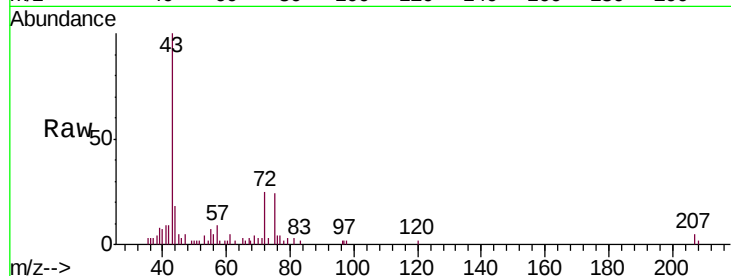
MDL06

Tgt Ion: 43 Resp: 10439

Ion Ratio Lower Upper

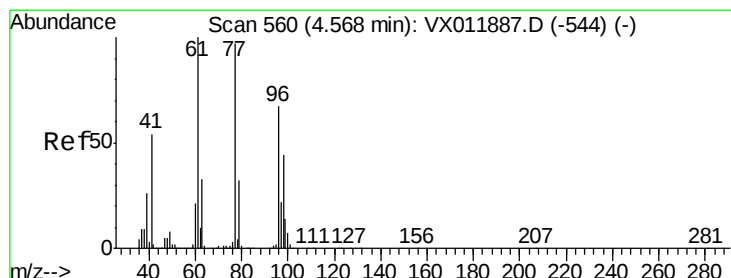
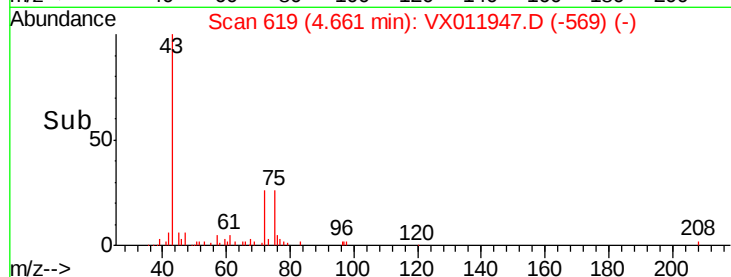
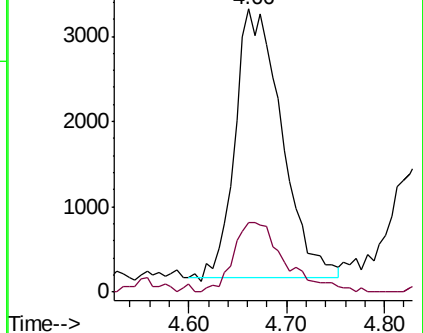
43 100

72 23.7 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: 2.233 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX011947.D

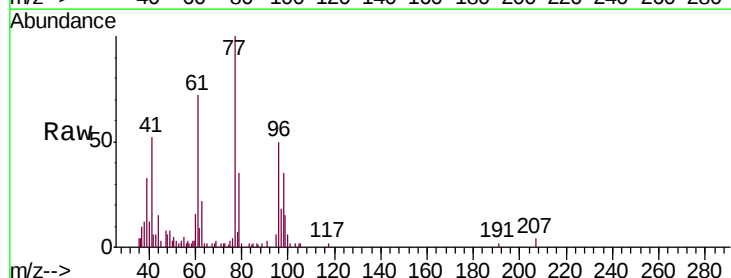
Acq: 31 Aug 2019 13:31

Tgt Ion: 77 Resp: 10691

Ion Ratio Lower Upper

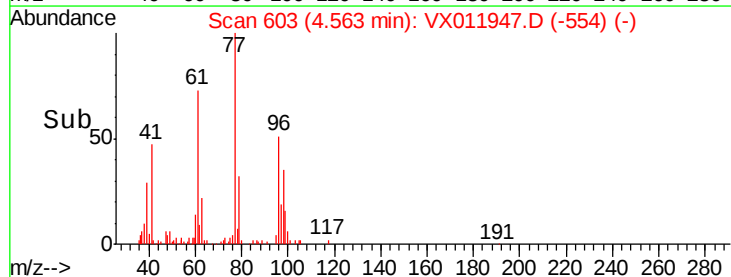
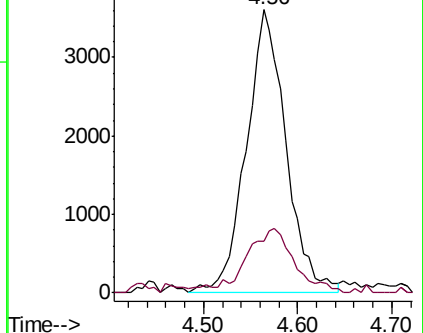
77 100

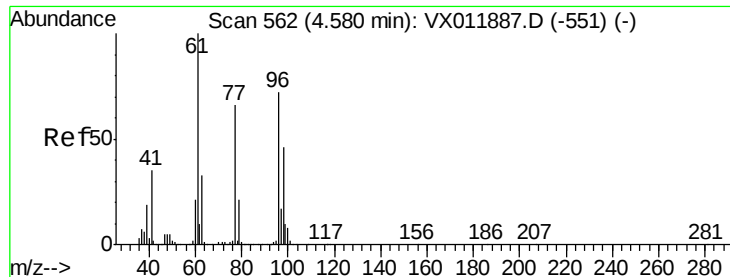
97 27.8 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



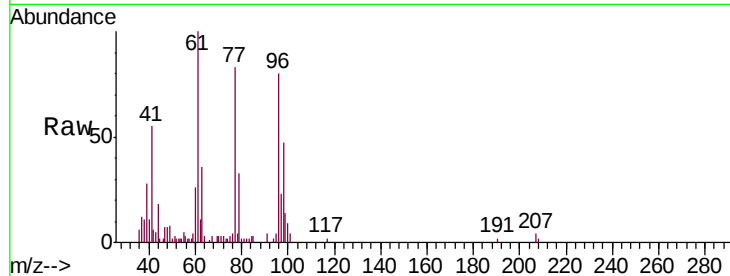


#27

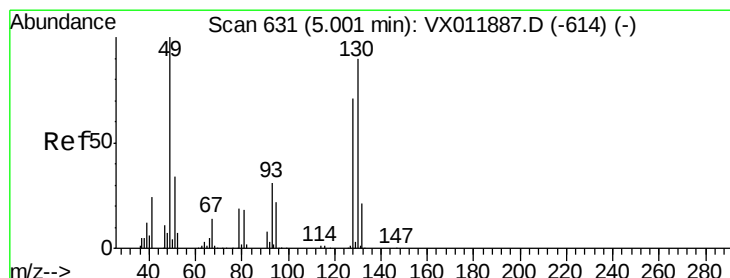
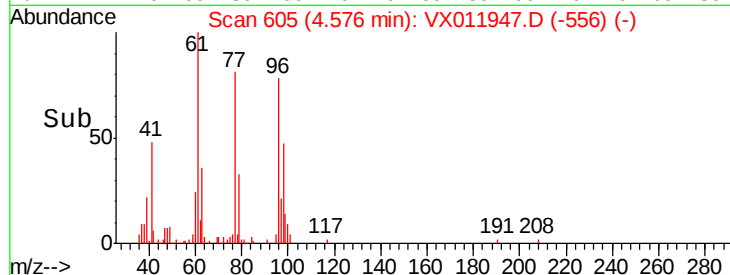
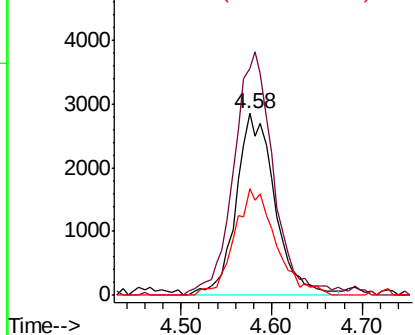
cis-1,2-Dichloroethene
 Concen: 2.249 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VX011947.D
 Acq: 31 Aug 2019 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

Tgt Ion: 96 Resp: 8438
 Ion Ratio Lower Upper
 96 100
 61 138.3 0.0 283.8
 98 62.9 0.0 131.2



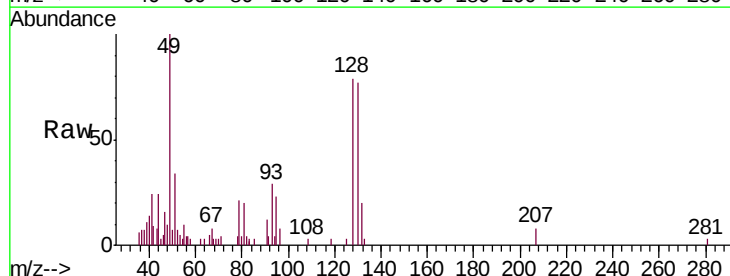
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



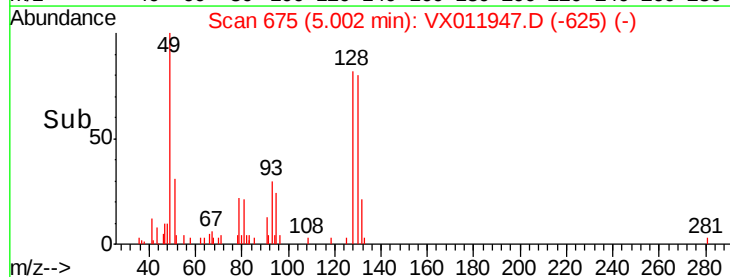
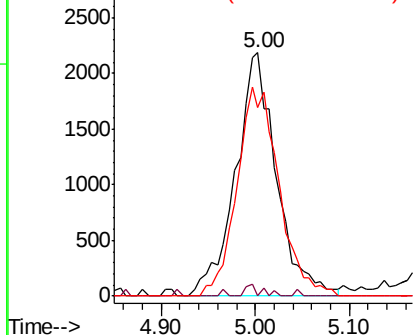
#28

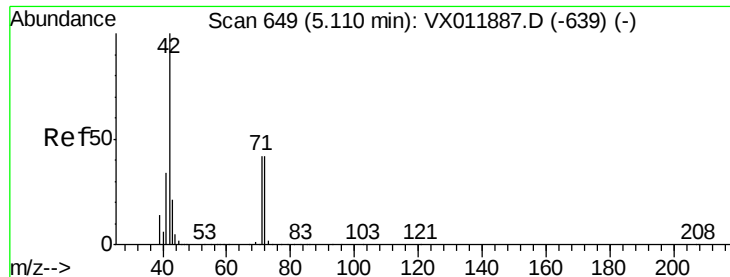
Bromochloromethane
 Concen: 2.593 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX011947.D
 Acq: 31 Aug 2019 13:31

Tgt Ion: 49 Resp: 6644
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.8
 130 88.3 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

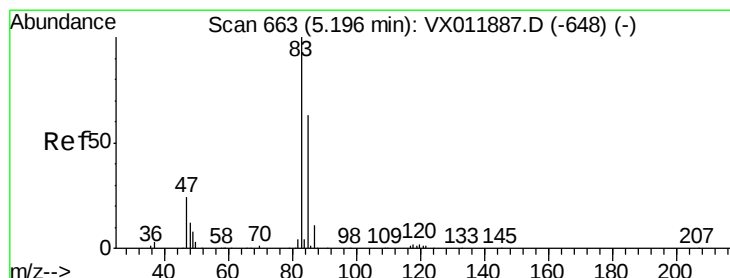
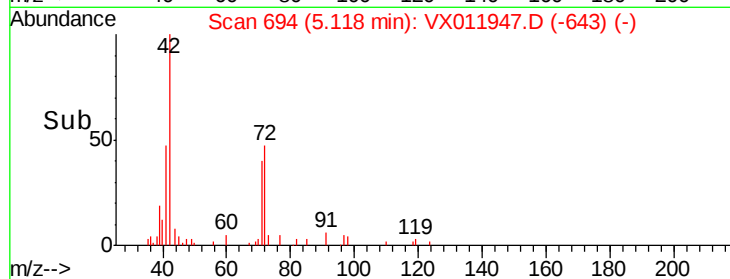
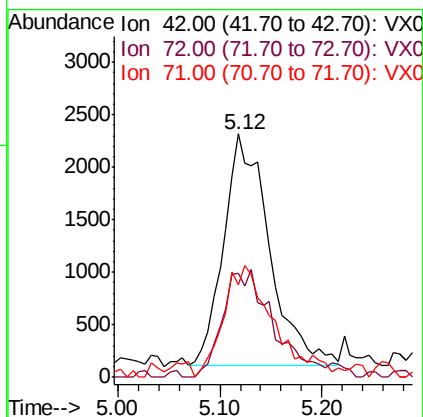
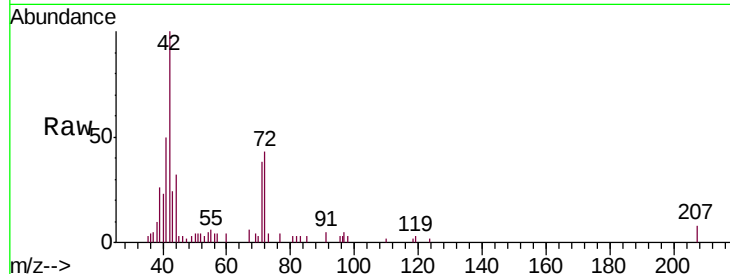




#29
Tetrahydrofuran
Concen: 9.488 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX011947.D
Acq: 31 Aug 2019 13:31

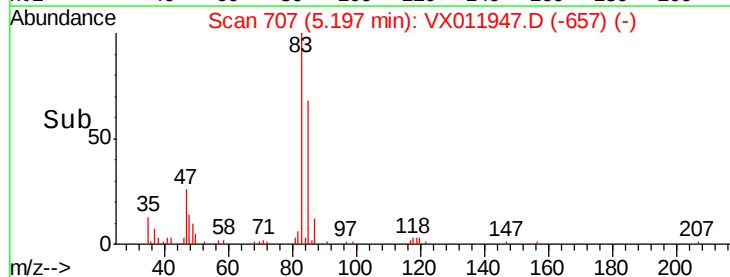
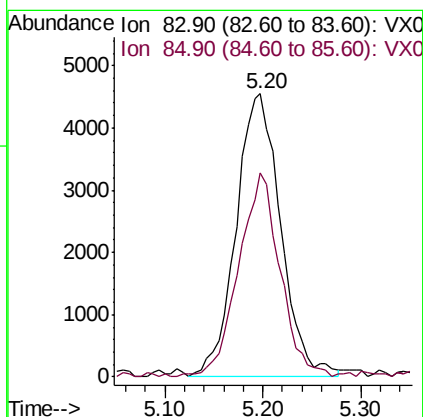
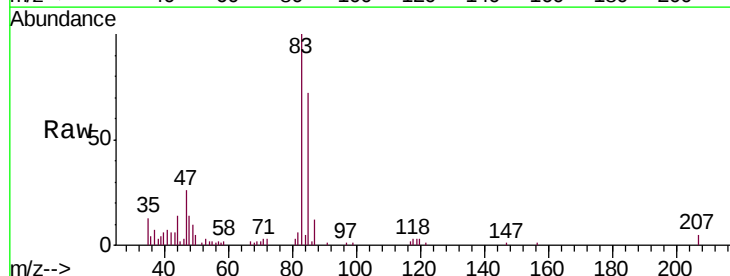
Instrument :
MSVOA_X
ClientSampleId :
MDL06

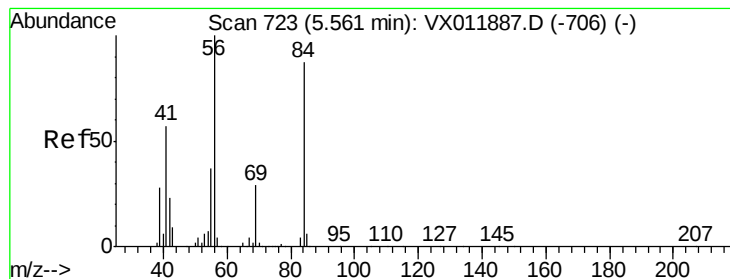
Tgt Ion: 42 Resp: 6844
Ion Ratio Lower Upper
42 100
72 51.4 36.2 54.4
71 49.7 33.1 49.7



#30
Chloroform
Concen: 2.359 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX011947.D
Acq: 31 Aug 2019 13:31

Tgt Ion: 83 Resp: 14401
Ion Ratio Lower Upper
83 100
85 70.6 50.6 75.8





#31

Cyclohexane

Concen: 2.289 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.01 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

MDL06

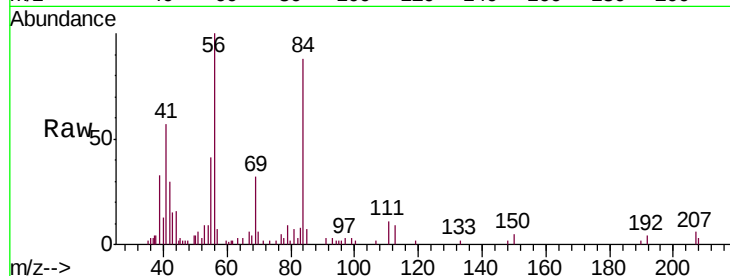
Tgt Ion: 56 Resp: 10541

Ion Ratio Lower Upper

56 100

69 31.2 23.1 34.7

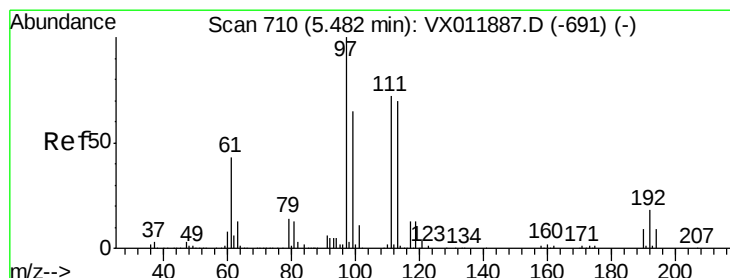
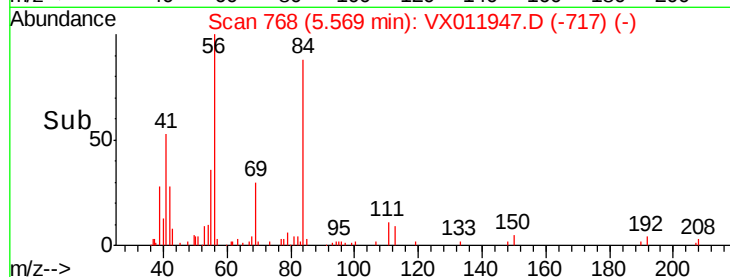
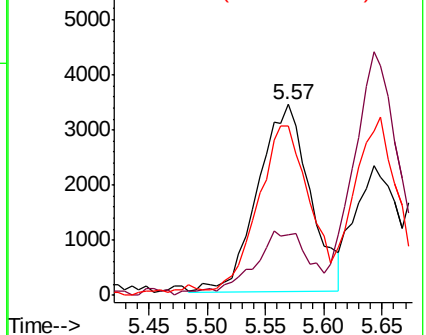
84 86.8 69.6 104.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 2.152 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

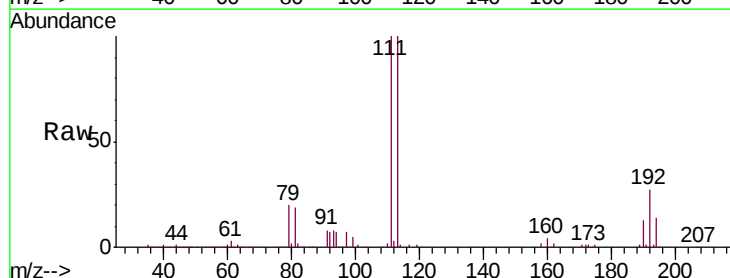
Tgt Ion: 97 Resp: 11670

Ion Ratio Lower Upper

97 100

99 65.7 51.8 77.8

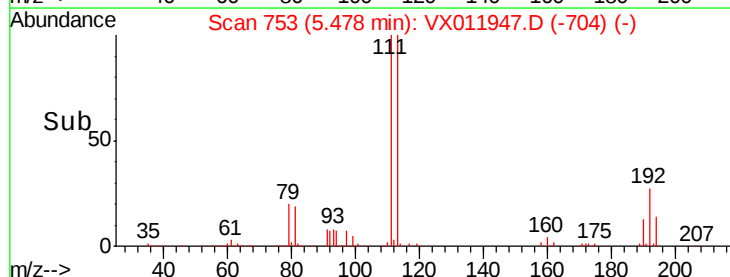
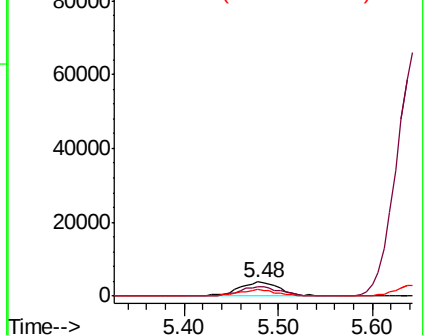
61 46.3 33.8 50.6

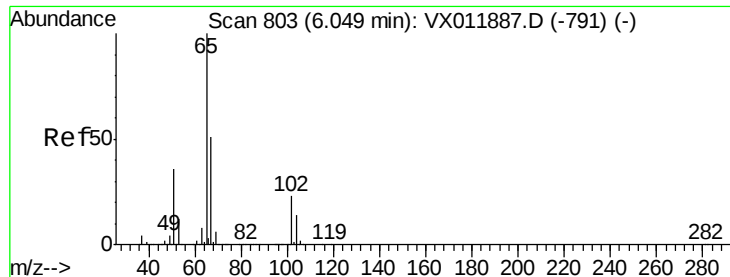


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.237 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

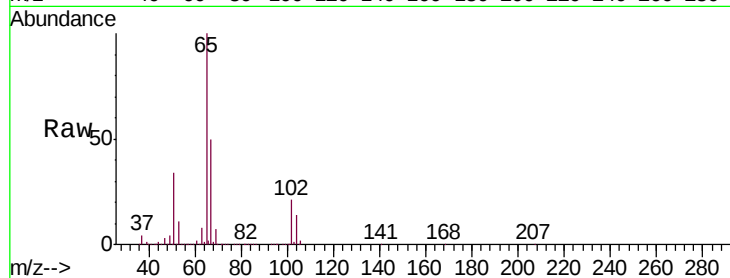
MDL06

Tgt Ion: 65 Resp: 174210

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

60000

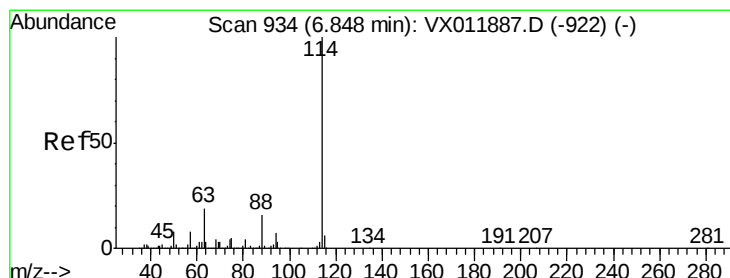
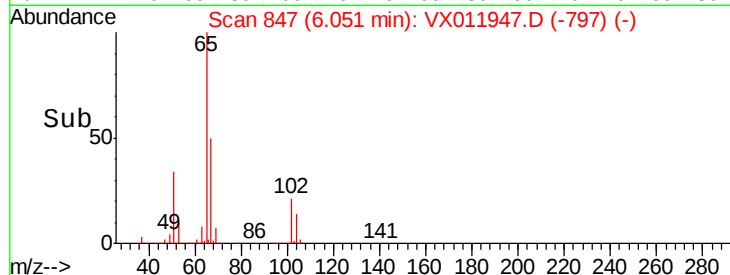
40000

20000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

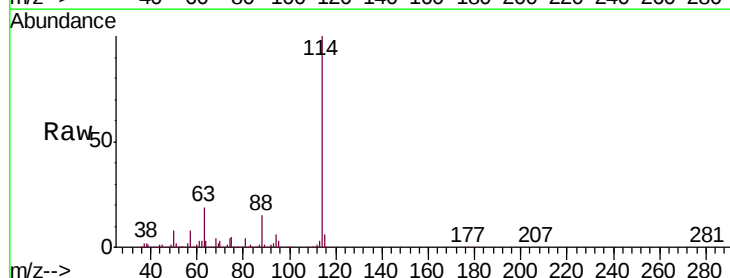
Tgt Ion: 114 Resp: 512983

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.8

88 15.4 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

6.85

300000

250000

200000

150000

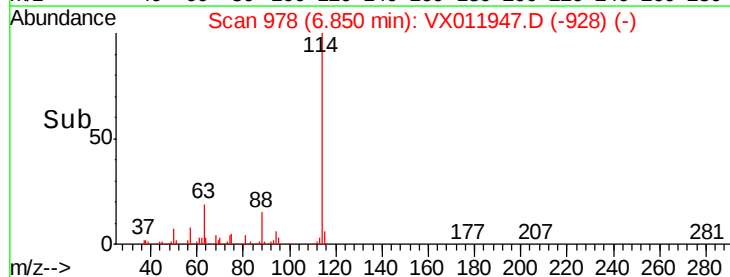
100000

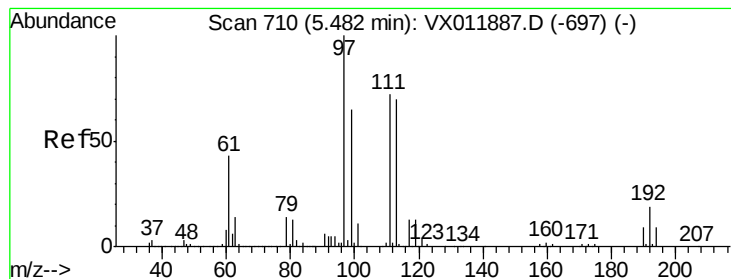
50000

0

Time-->

6.70 6.80 6.90 7.00 7.10





#35

Dibromofluoromethane

Concen: 50.048 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

MDL06

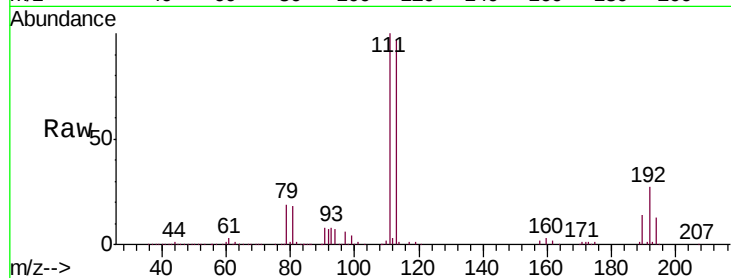
Tgt Ion:113 Resp: 164630

Ion Ratio Lower Upper

113 100

111 101.5 82.1 123.1

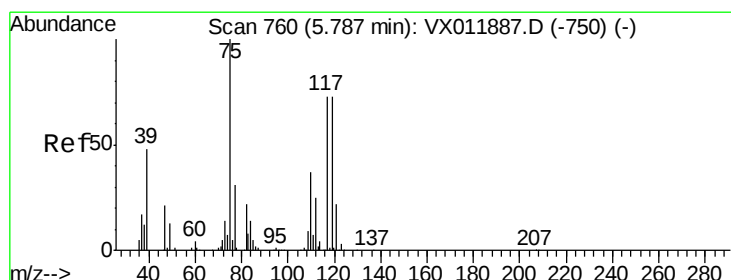
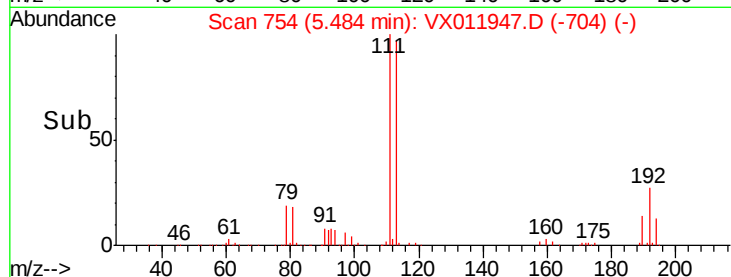
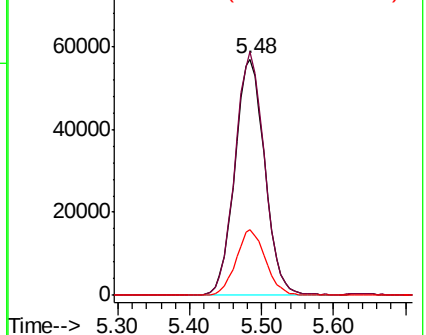
192 27.2 21.5 32.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 2.245 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

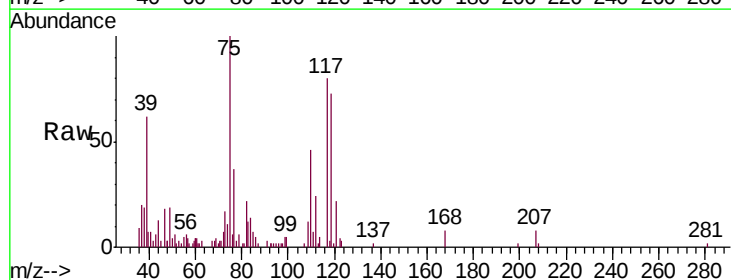
Tgt Ion: 75 Resp: 9124

Ion Ratio Lower Upper

75 100

110 39.7 19.1 57.3

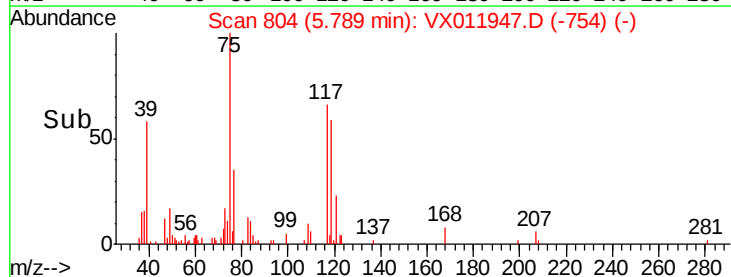
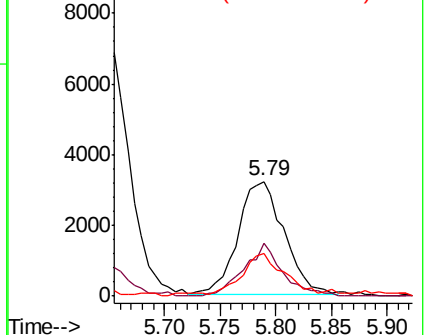
77 33.5 24.4 36.6

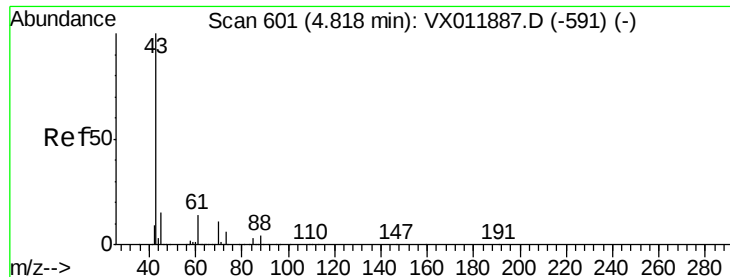


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

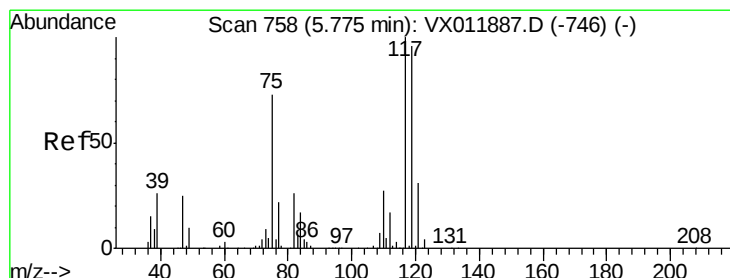
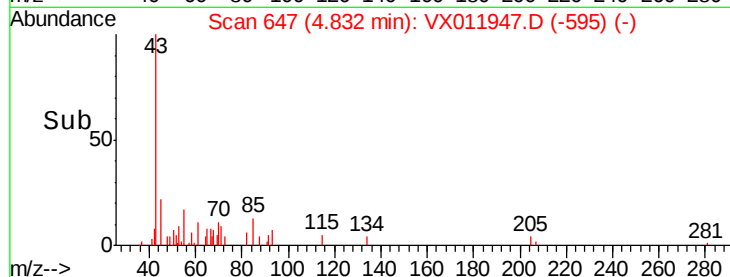
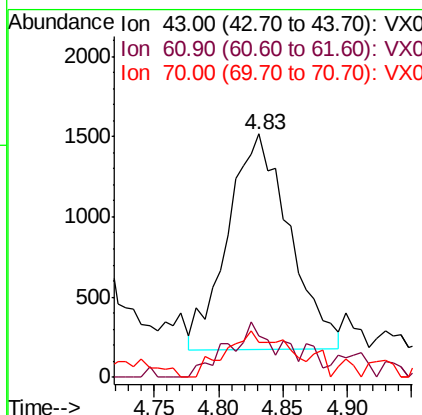
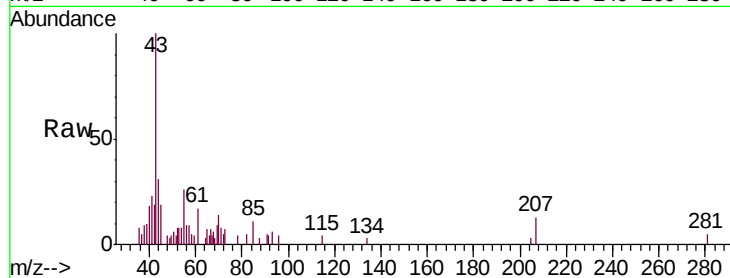




#37
Ethyl Acetate
Concen: 1.859 ug/l
RT: 4.83 min Scan# 647
Delta R.T. 0.01 min
Lab File: VX011947.D
Acq: 31 Aug 2019 13:31

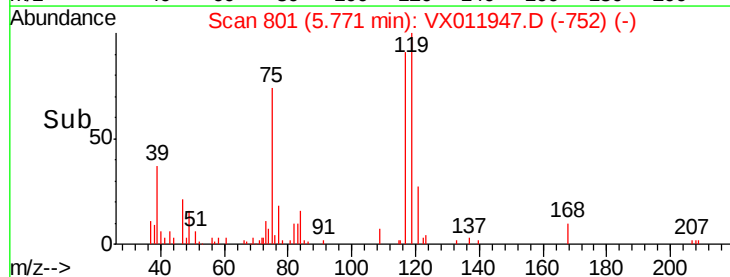
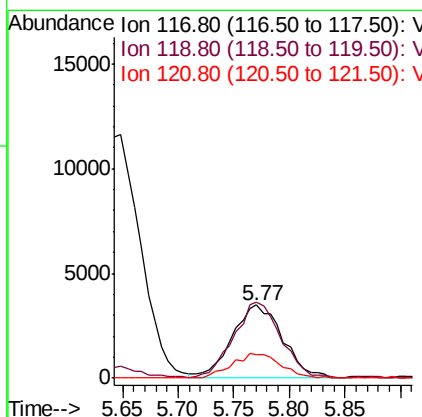
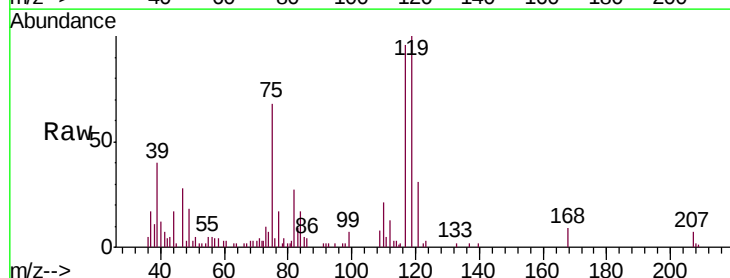
Instrument :
MSVOA_X
ClientSampleId :
MDL06

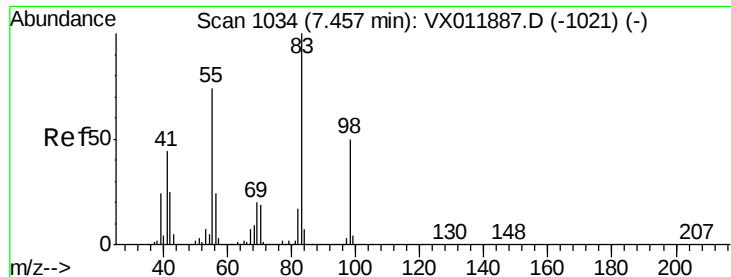
Tgt Ion: 43 Resp: 4473
Ion Ratio Lower Upper
43 100
61 16.4 11.0 16.4
70 20.6 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 2.342 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX011947.D
Acq: 31 Aug 2019 13:31

Tgt Ion: 117 Resp: 11037
Ion Ratio Lower Upper
117 100
119 103.6 76.6 114.8
121 32.2 24.7 37.1

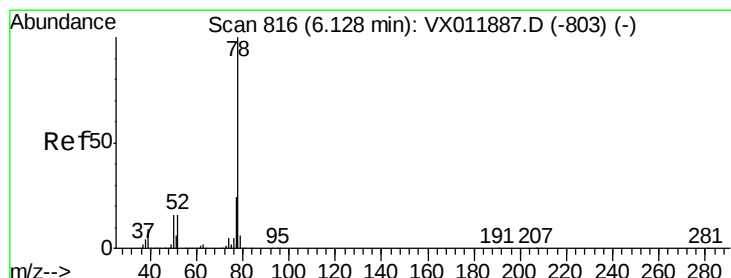
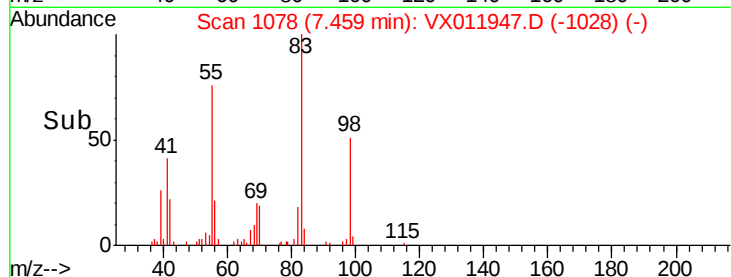
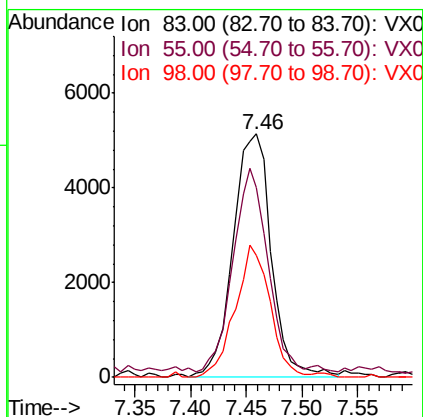
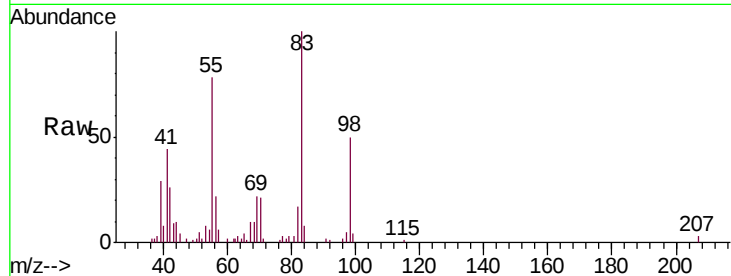




#39
Methylcyclohexane
Concen: 2.545 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX011947.D
Acq: 31 Aug 2019 13:31

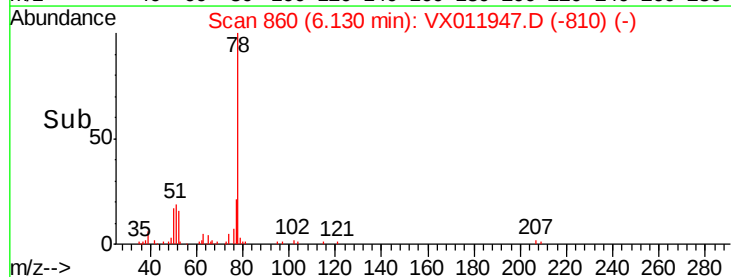
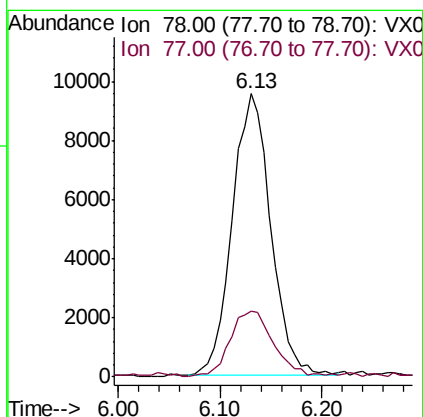
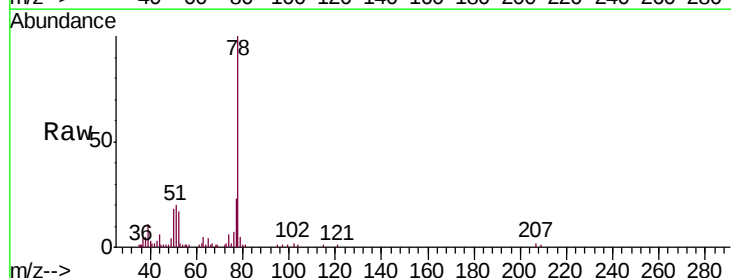
Instrument :
MSVOA_X
ClientSampleId :
MDL06

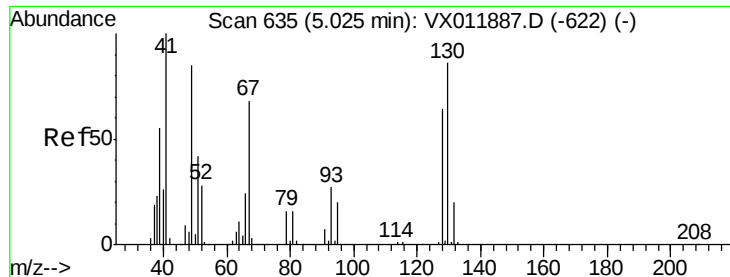
Tgt Ion: 83 Resp: 12318
Ion Ratio Lower Upper
83 100
55 75.7 59.4 89.0
98 50.2 40.3 60.5



#40
Benzene
Concen: 2.055 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX011947.D
Acq: 31 Aug 2019 13:31

Tgt Ion: 78 Resp: 24935
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6

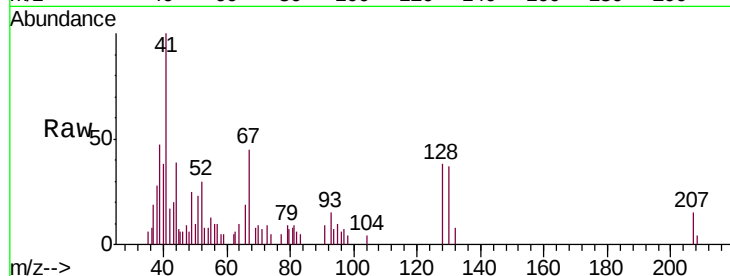




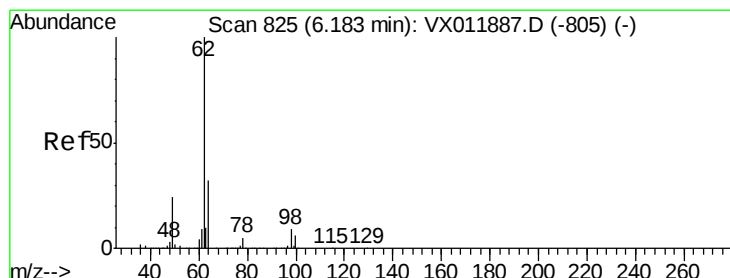
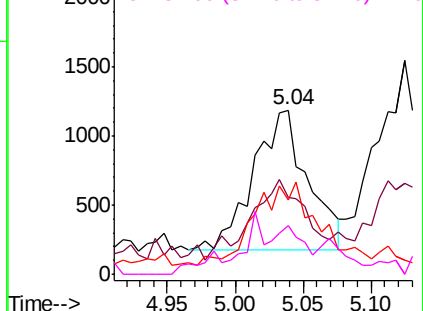
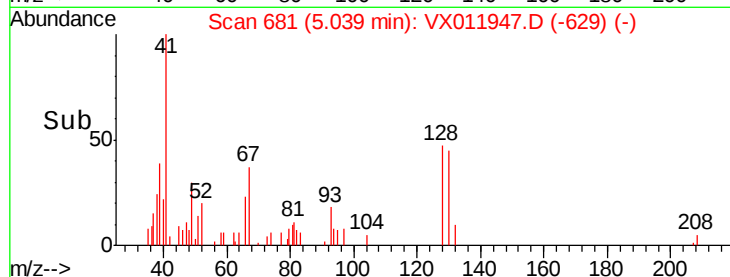
#41
Methacrylonitrile
Concen: 1.992 ug/l
RT: 5.04 min Scan# 681
Delta R.T. 0.01 min
Lab File: VX011947.D
Acq: 31 Aug 2019 13:31

Instrument :
MSVOA_X
ClientSampled :
MDL06

Tgt Ion: 41 Resp: 2822
Ion Ratio Lower Upper
41 100
39 55.3 45.0 67.6
67 68.5 55.0 82.4
52 15.0 24.1 36.1#

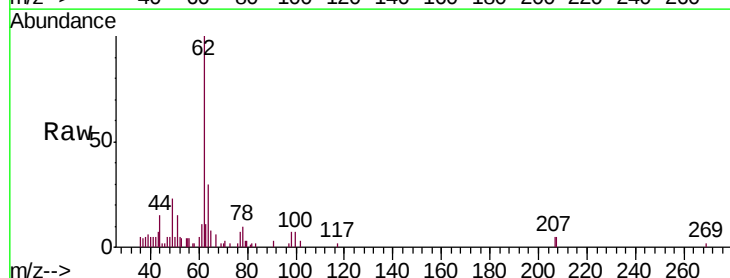


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

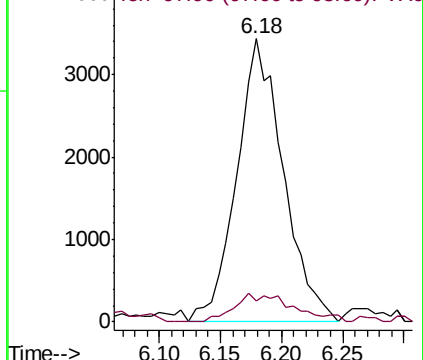
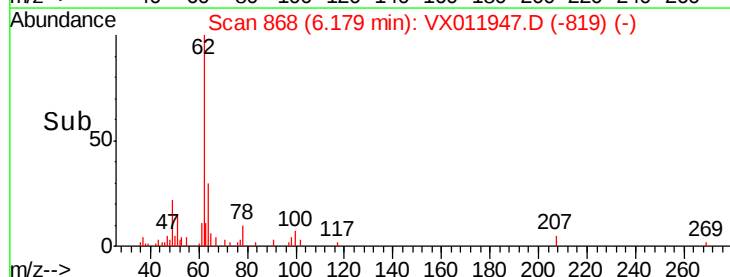


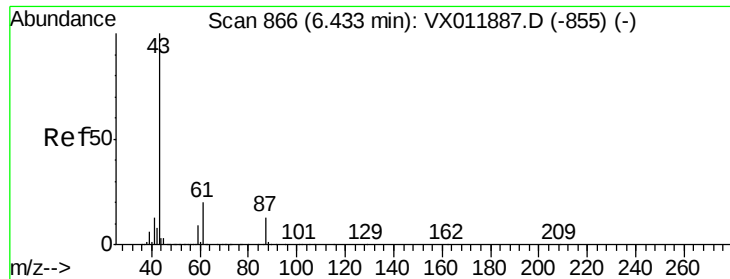
#42
1,2-Dichloroethane
Concen: 2.203 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX011947.D
Acq: 31 Aug 2019 13:31

Tgt Ion: 62 Resp: 9089
Ion Ratio Lower Upper
62 100
98 5.1 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: 1.823 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

MDL06

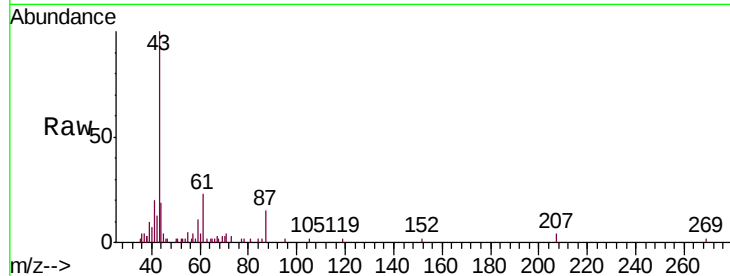
Tgt Ion: 43 Resp: 8893

Ion Ratio Lower Upper

43 100

61 24.4 16.1 24.1#

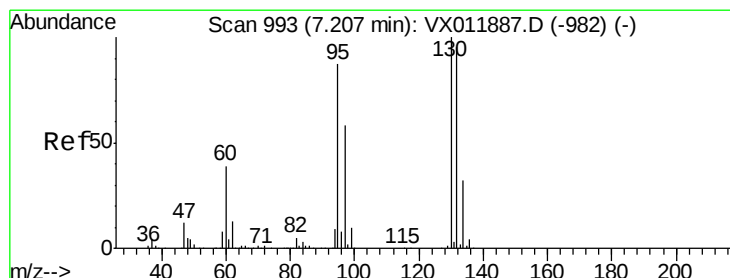
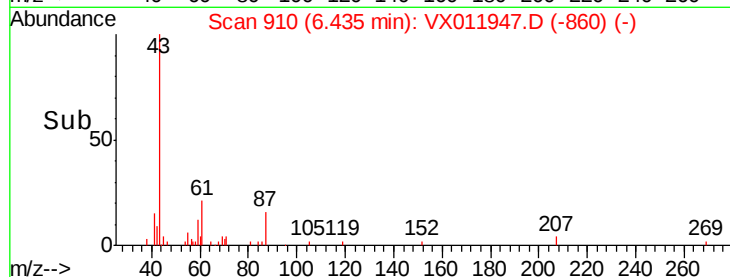
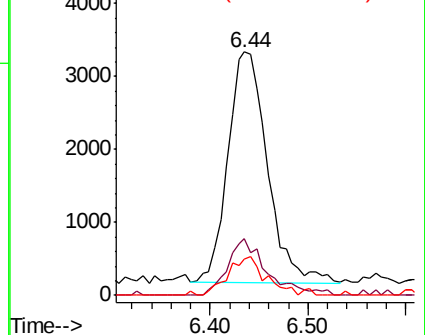
87 15.7 10.6 16.0



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: 2.351 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX011947.D

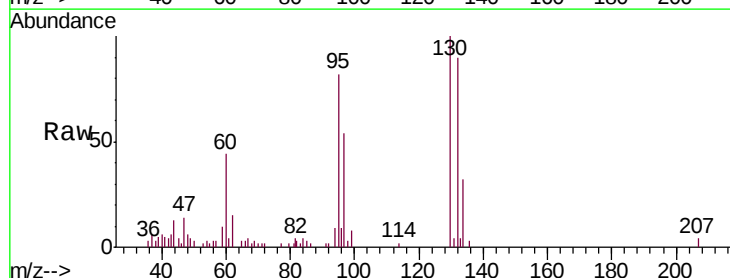
Acq: 31 Aug 2019 13:31

Tgt Ion: 130 Resp: 8825

Ion Ratio Lower Upper

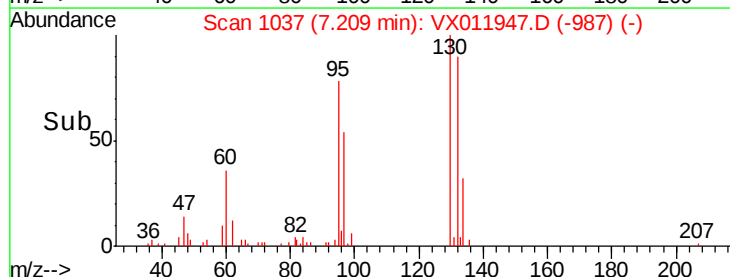
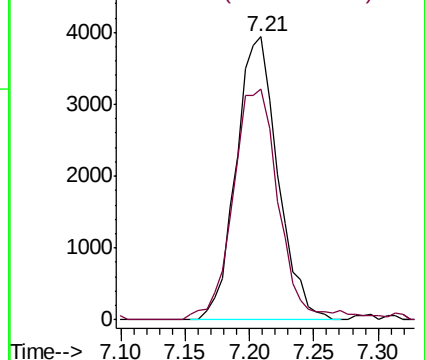
130 100

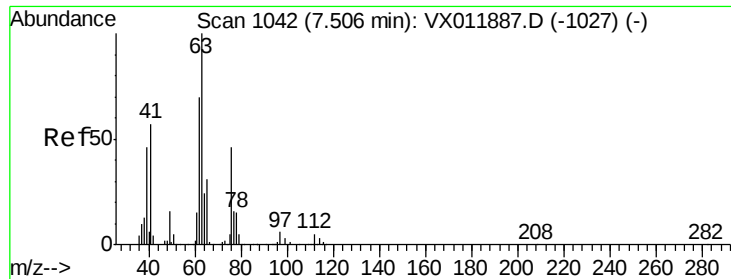
95 79.6 0.0 174.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

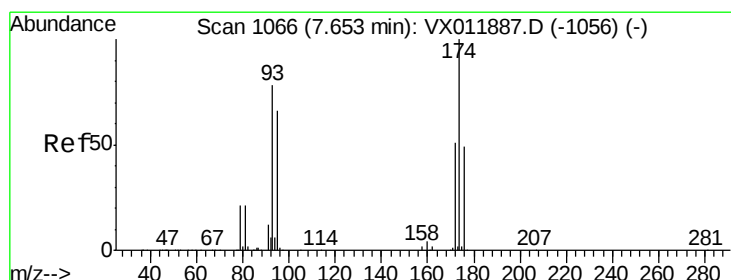
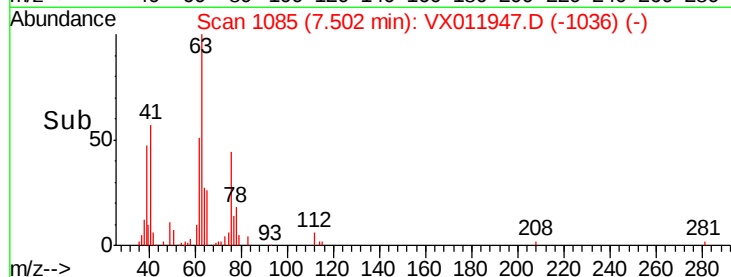
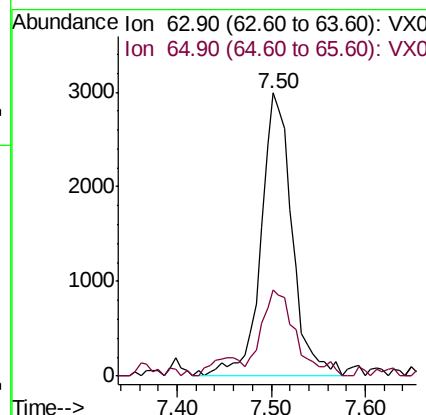
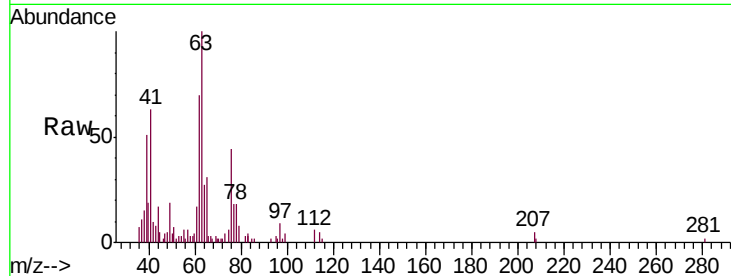




#45
 1,2-Dichloropropane
 Concen: 2.193 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX011947.D
 Acq: 31 Aug 2019 13:31

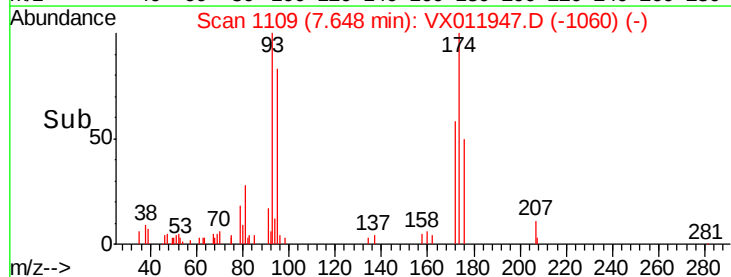
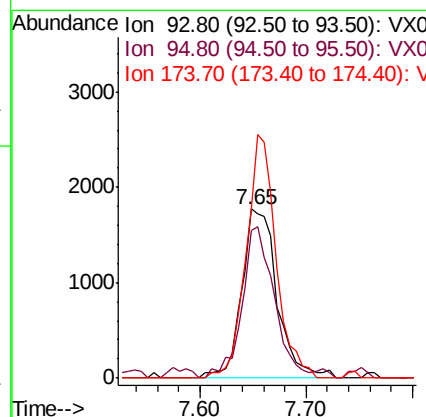
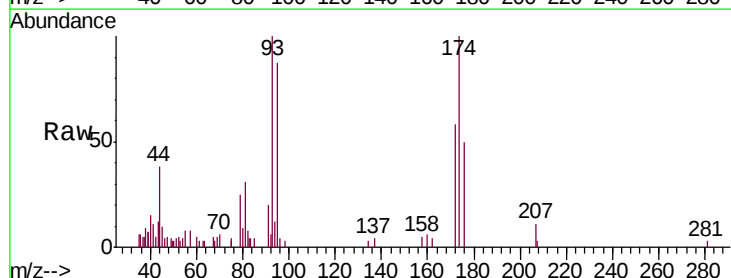
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

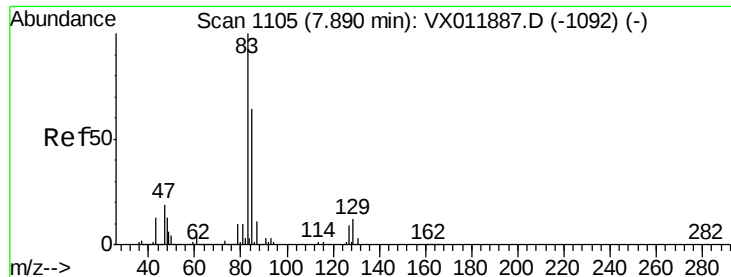
Tgt Ion: 63 Resp: 6959
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.1 37.7



#46
 Dibromomethane
 Concen: 2.190 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: VX011947.D
 Acq: 31 Aug 2019 13:31

Tgt Ion: 93 Resp: 4124
 Ion Ratio Lower Upper
 93 100
 95 81.3 65.7 98.5
 174 121.7 104.2 156.4





#47

Bromodichloromethane

Concen: 2.025 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

MDL06

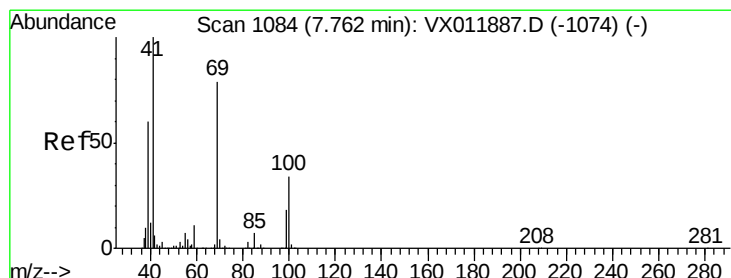
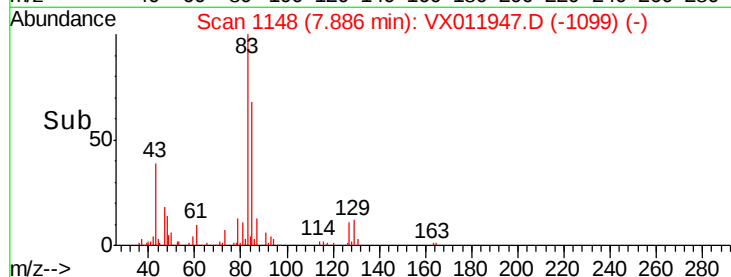
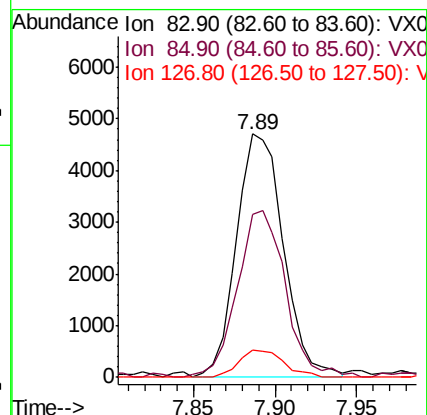
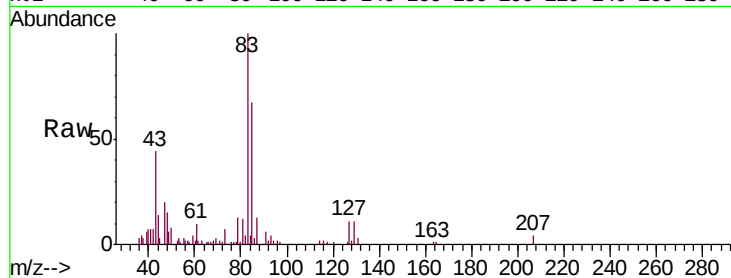
Tgt Ion: 83 Resp: 9455

Ion Ratio Lower Upper

83 100

85 65.9 51.1 76.7

127 11.0 7.4 11.2



#48

Methyl methacrylate

Concen: 2.053 ug/l

RT: 7.77 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

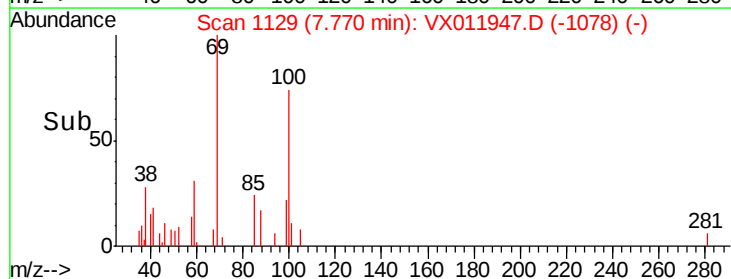
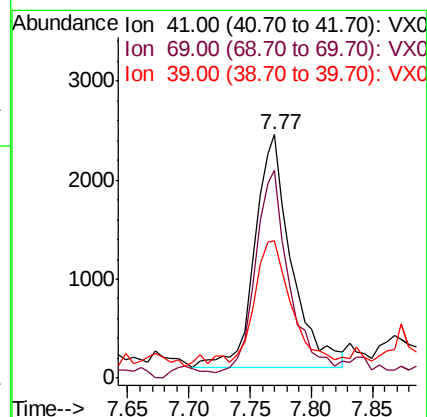
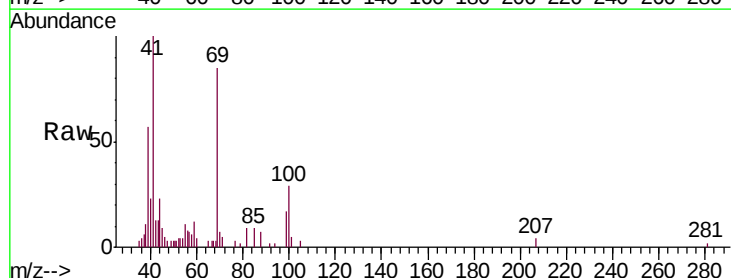
Tgt Ion: 41 Resp: 4872

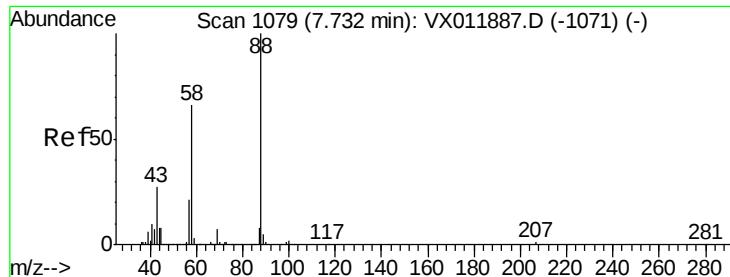
Ion Ratio Lower Upper

41 100

69 81.6 64.4 96.6

39 55.4 47.2 70.8

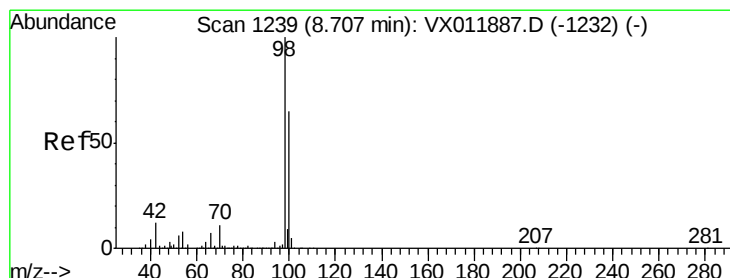
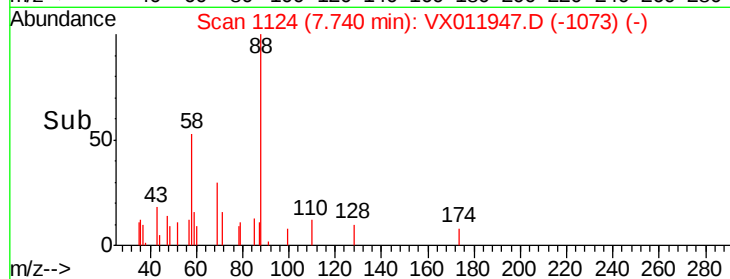
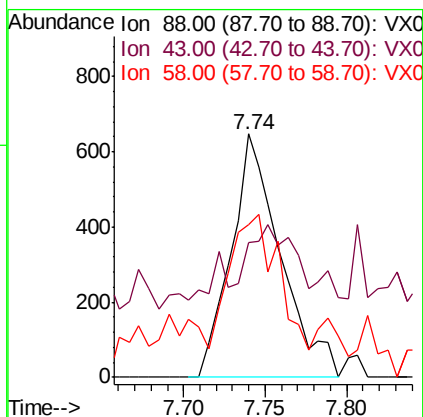
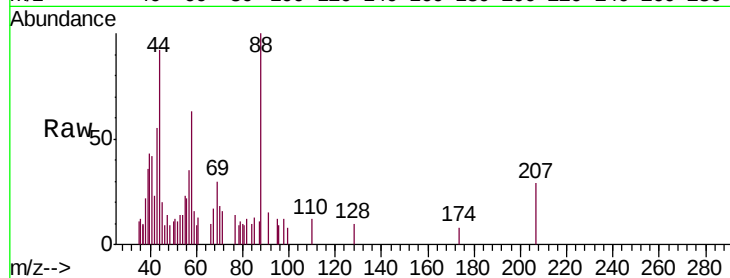




#49
 1,4-Dioxane
 Concen: 41.766 ug/l
 RT: 7.74 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: VX011947.D
 Acq: 31 Aug 2019 13:31

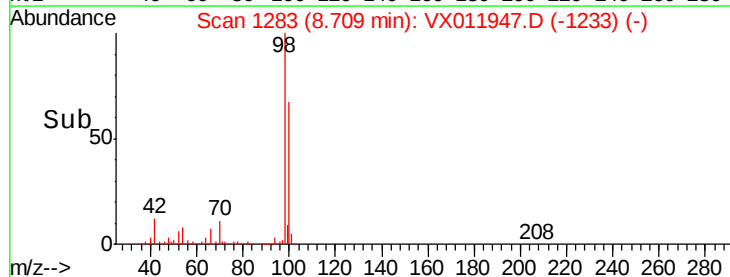
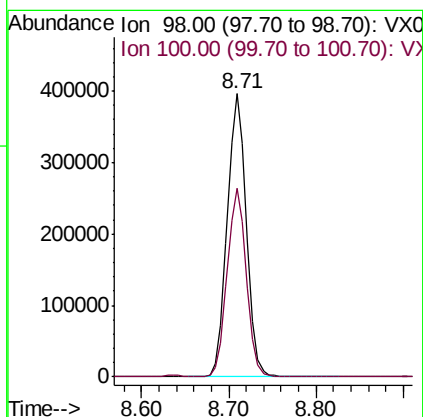
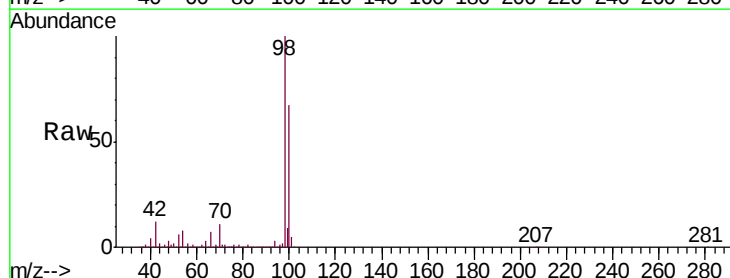
Instrument :
 MSVOA_X
 ClientSampled :
 MDL06

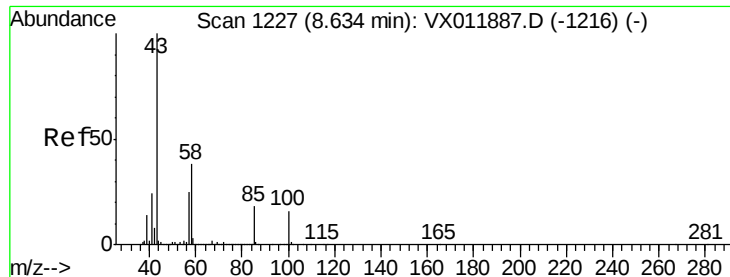
Tgt Ion: 88 Resp: 1363
 Ion Ratio Lower Upper
 88 100
 43 29.6 27.3 40.9
 58 64.3 53.9 80.9



#50
 Toluene-d8
 Concen: 51.176 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX011947.D
 Acq: 31 Aug 2019 13:31

Tgt Ion: 98 Resp: 601773
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.0 79.6

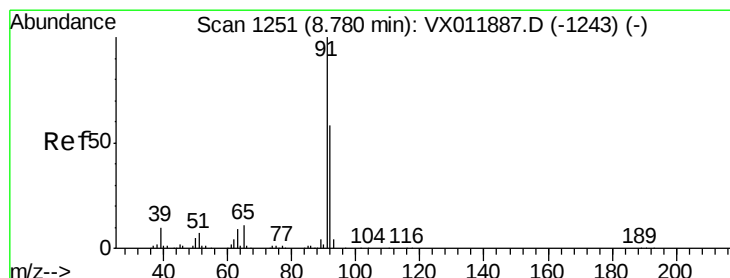
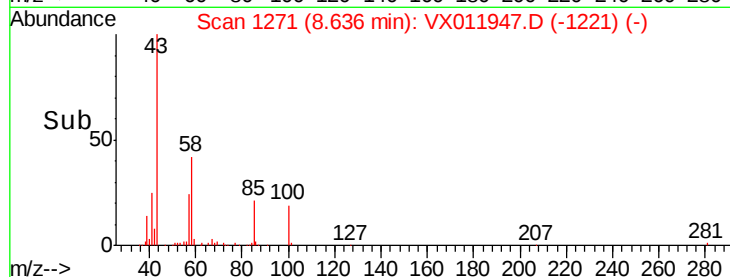
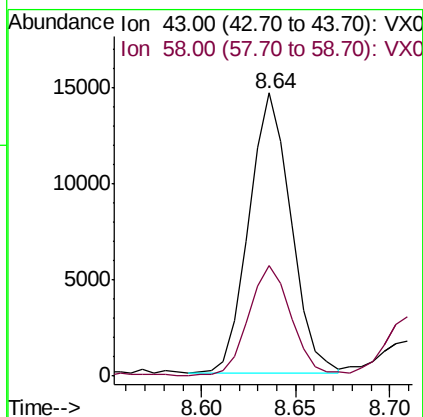
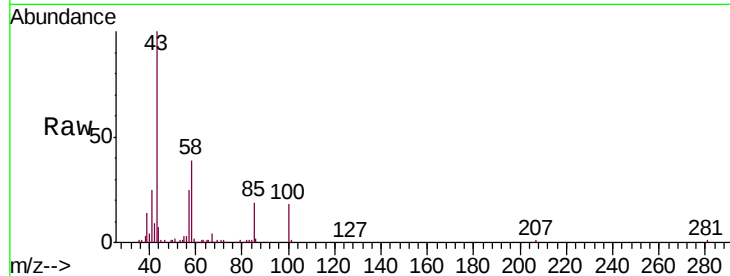




#51
 4-Methyl-2-Pentanone
 Concen: 9.068 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX011947.D
 Acq: 31 Aug 2019 13:31

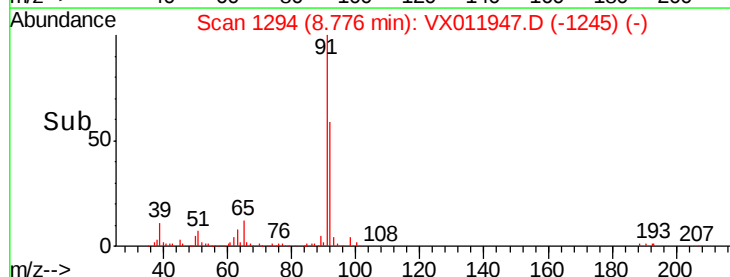
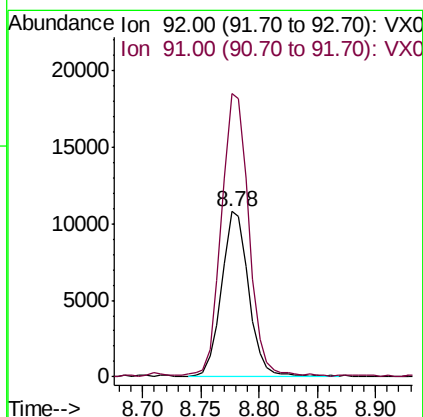
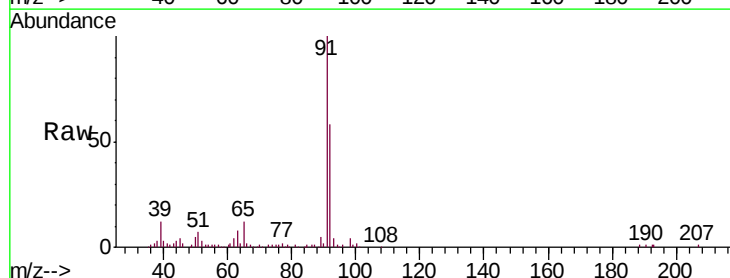
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

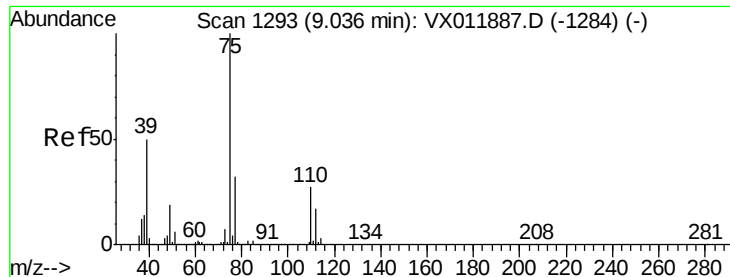
Tgt Ion: 43 Resp: 22469
 Ion Ratio Lower Upper
 43 100
 58 40.6 30.9 46.3



#52
 Toluene
 Concen: 2.186 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX011947.D
 Acq: 31 Aug 2019 13:31

Tgt Ion: 92 Resp: 17545
 Ion Ratio Lower Upper
 92 100
 91 170.8 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 1.972 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

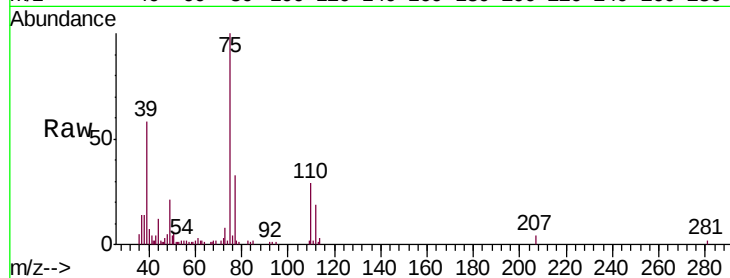
MDL06

Tgt Ion: 75 Resp: 9431

Ion Ratio Lower Upper

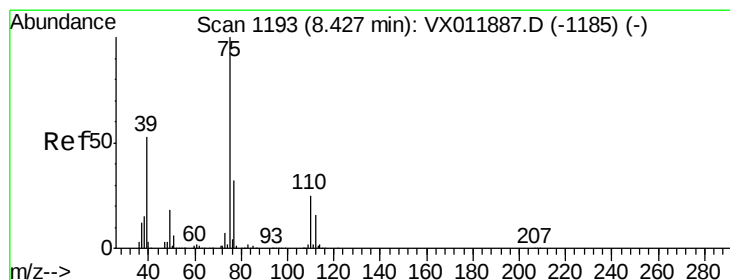
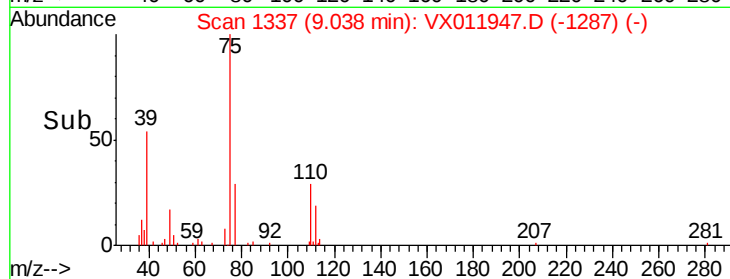
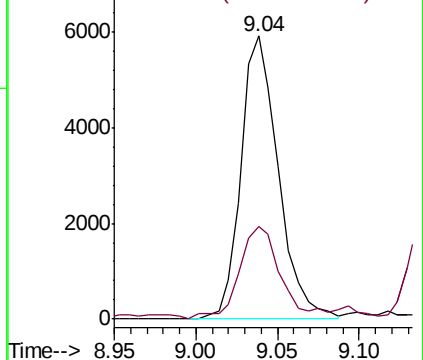
75 100

77 32.7 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 2.047 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

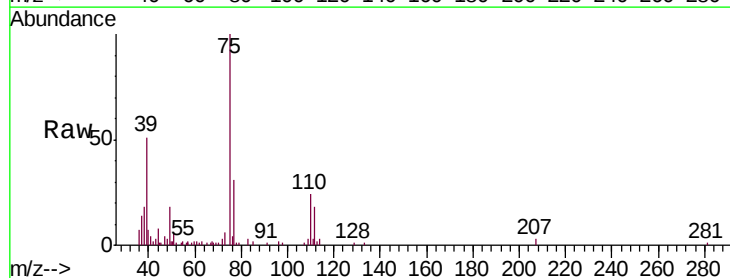
Tgt Ion: 75 Resp: 10990

Ion Ratio Lower Upper

75 100

77 29.6 25.5 38.3

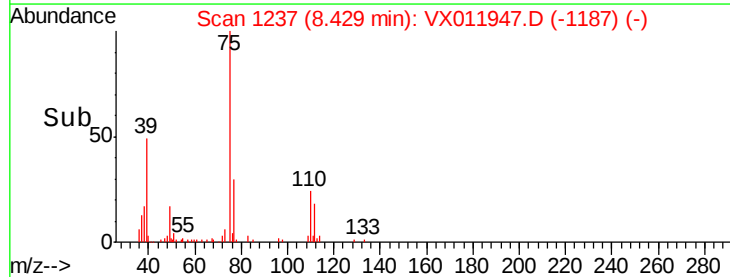
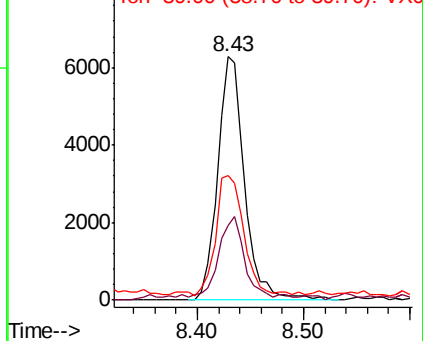
39 48.5 42.6 64.0

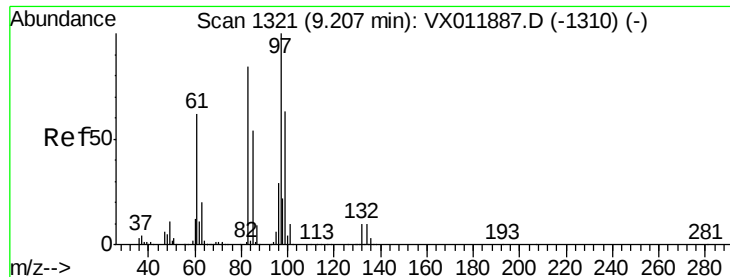


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

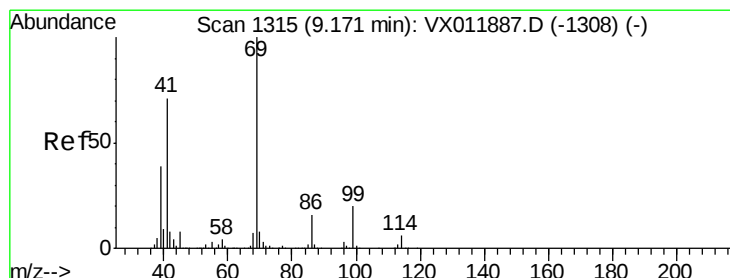
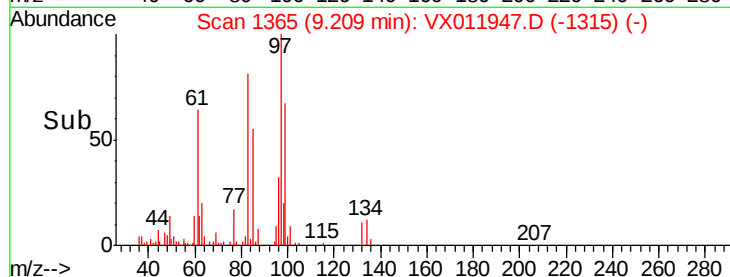
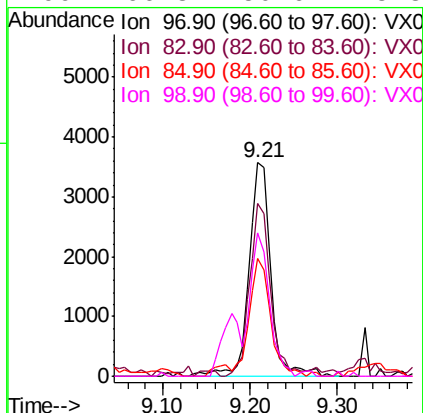
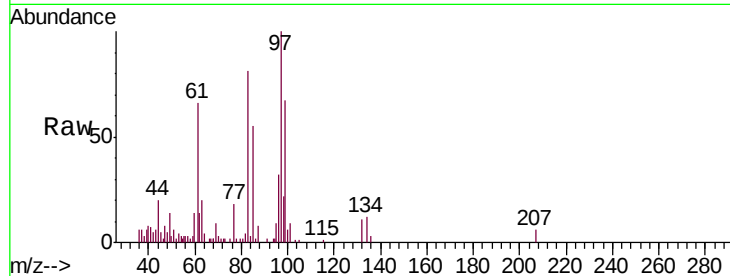




#55
 1,1,2-Trichloroethane
 Concen: 2.209 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX011947.D
 Acq: 31 Aug 2019 13:31

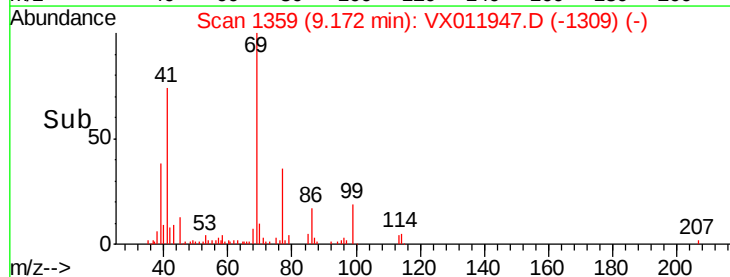
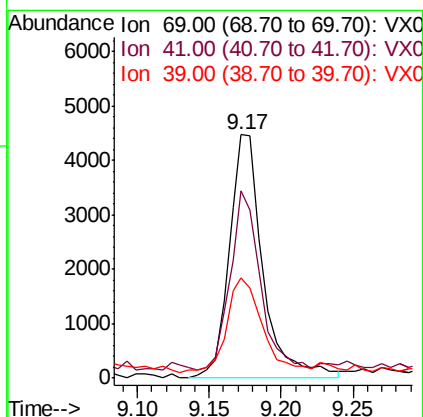
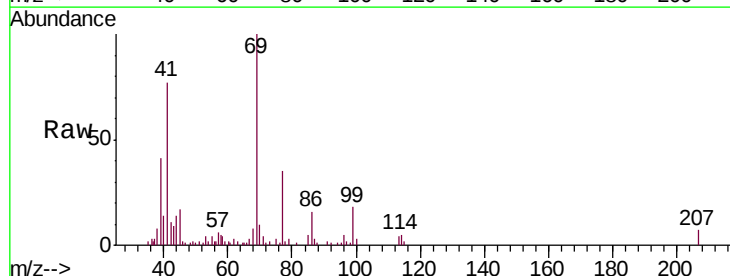
Instrument :
 MSVOA_X
 ClientSampled :
 MDL06

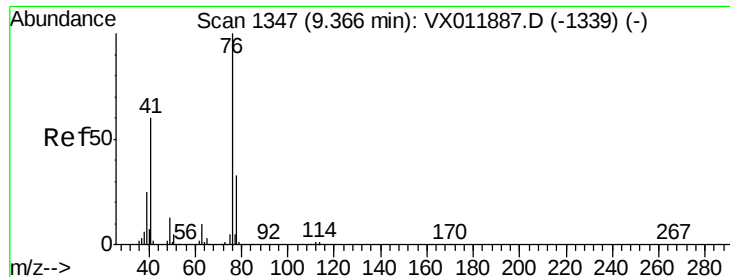
Tgt Ion:	97	Resp:	6091
Ion	Ratio	Lower	Upper
97	100		
83	79.0	66.8	100.2
85	55.2	43.5	65.3
99	66.8	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 1.919 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX011947.D
 Acq: 31 Aug 2019 13:31

Tgt Ion:	69	Resp:	7342
Ion	Ratio	Lower	Upper
69	100		
41	65.3	55.8	83.8
39	40.4	31.1	46.7





#57

1,3-Dichloropropane

Concen: 2.176 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

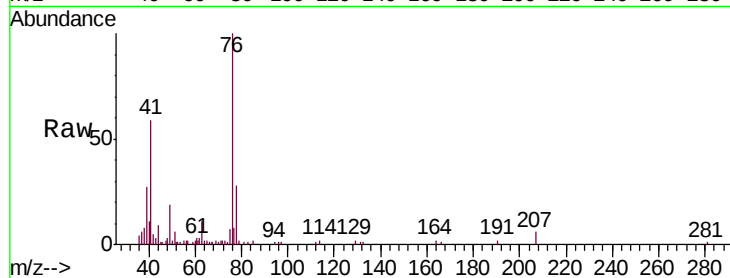
MDL06

Tgt Ion: 76 Resp: 9956

Ion Ratio Lower Upper

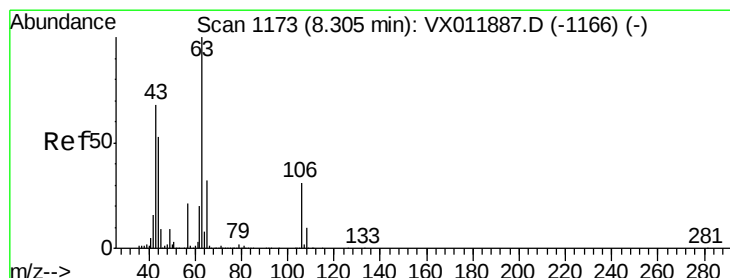
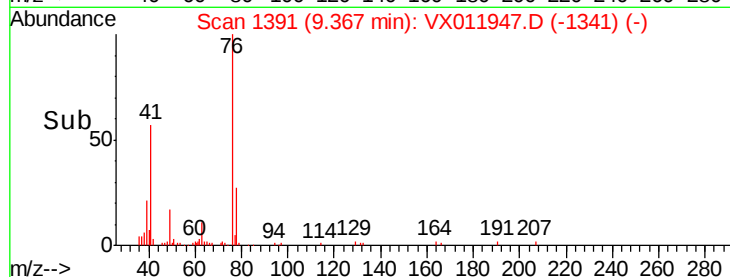
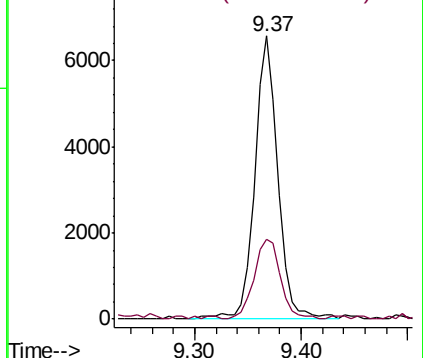
76 100

78 32.6 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: 11.014 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX011947.D

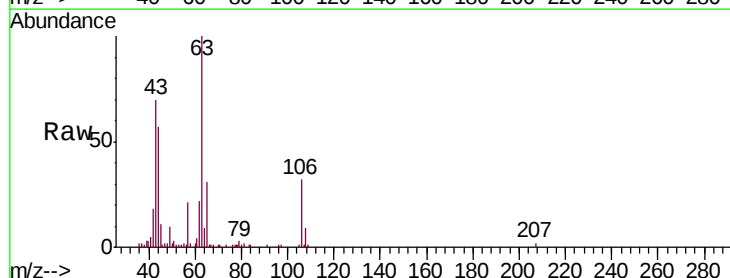
Acq: 31 Aug 2019 13:31

Tgt Ion: 63 Resp: 20073

Ion Ratio Lower Upper

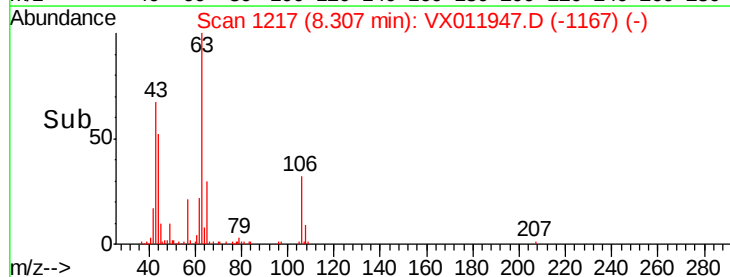
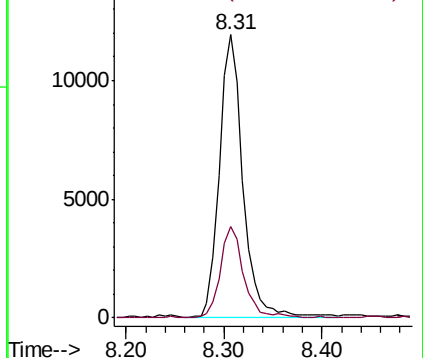
63 100

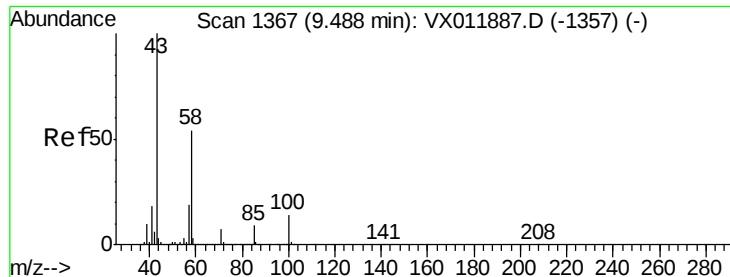
106 31.7 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

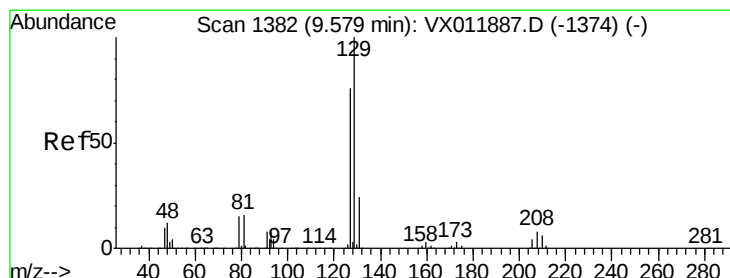
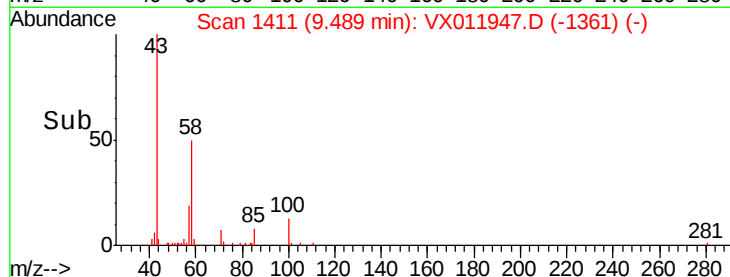
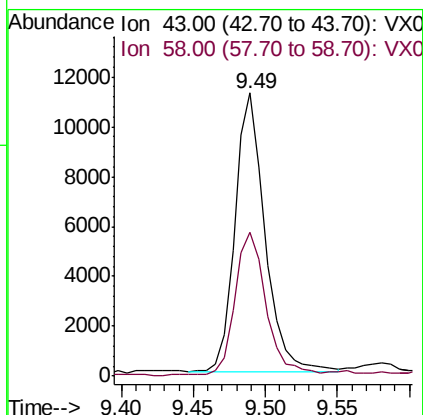
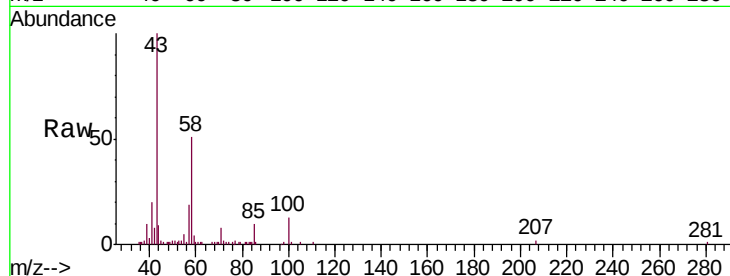




#59
2-Hexanone
Concen: 9.128 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX011947.D
Acq: 31 Aug 2019 13:31

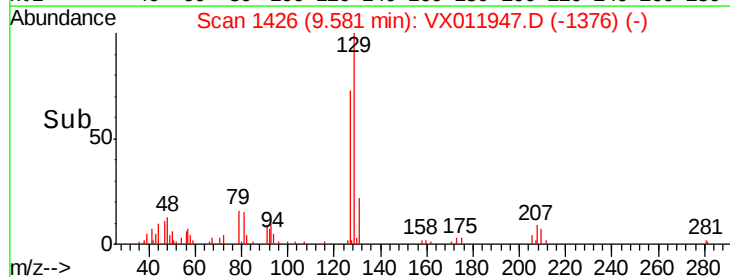
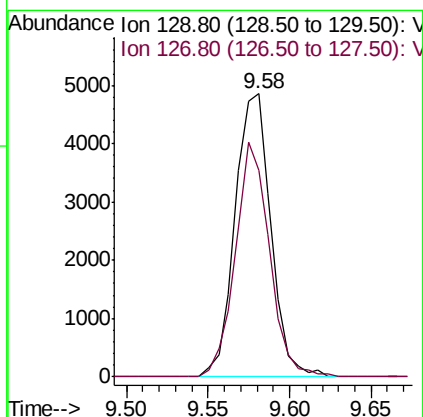
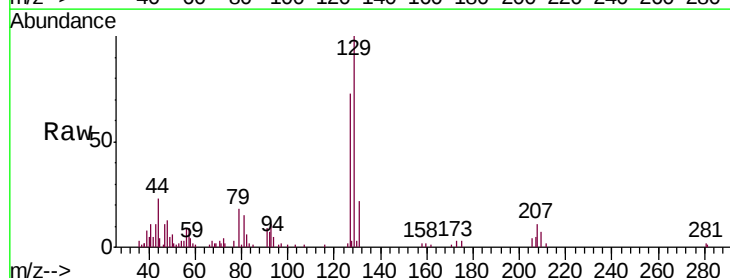
Instrument :
MSVOA_X
ClientSampleId :
MDL06

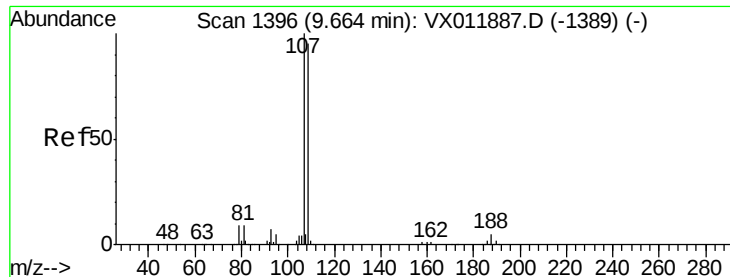
Tgt Ion: 43 Resp: 16066
Ion Ratio Lower Upper
43 100
58 53.1 26.8 80.4



#60
Dibromochloromethane
Concen: 2.004 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX011947.D
Acq: 31 Aug 2019 13:31

Tgt Ion: 129 Resp: 7420
Ion Ratio Lower Upper
129 100
127 79.0 38.6 115.7





#61

1,2-Dibromoethane

Concen: 2.088 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

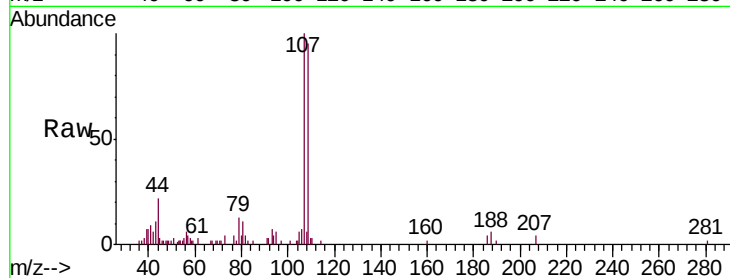
MDL06

Tgt Ion: 107 Resp: 5707

Ion Ratio Lower Upper

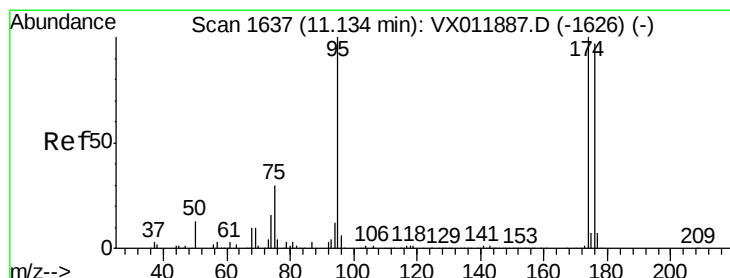
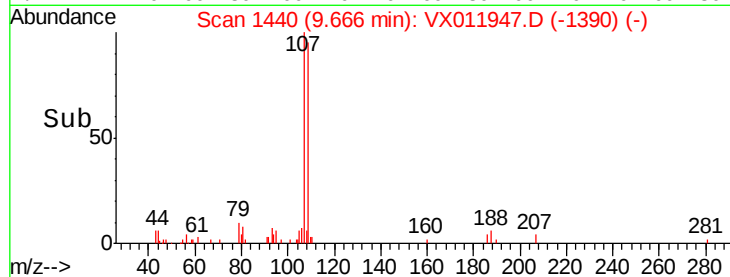
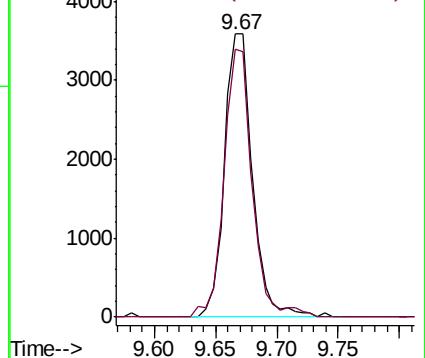
107 100

109 95.1 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.555 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

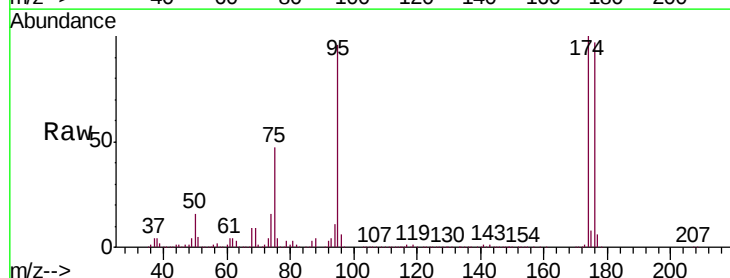
Tgt Ion: 95 Resp: 245295

Ion Ratio Lower Upper

95 100

174 98.9 0.0 196.0

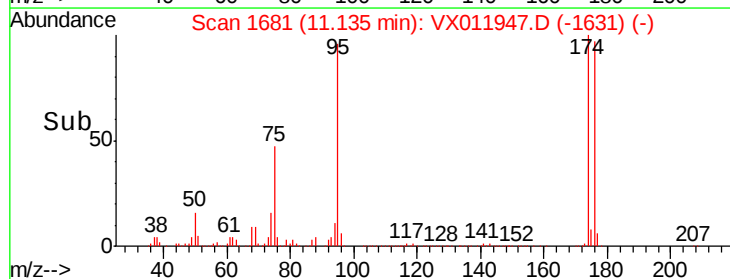
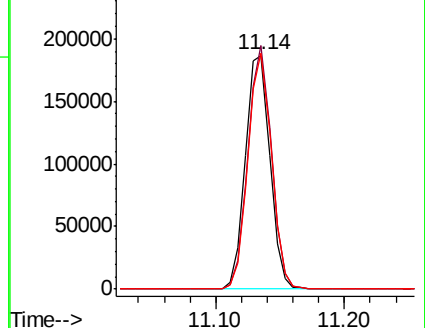
176 96.5 0.0 191.4

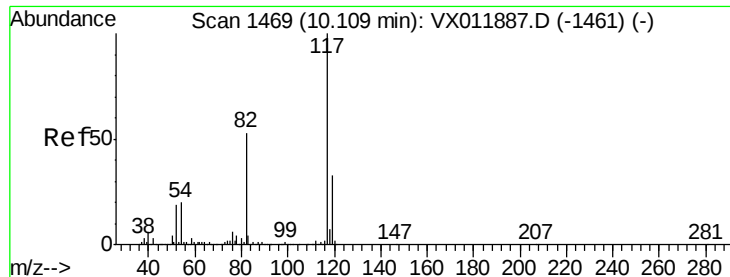


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

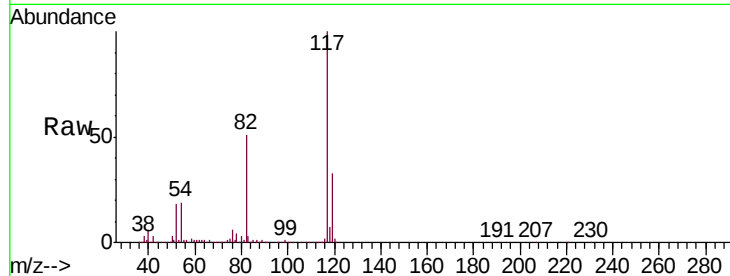




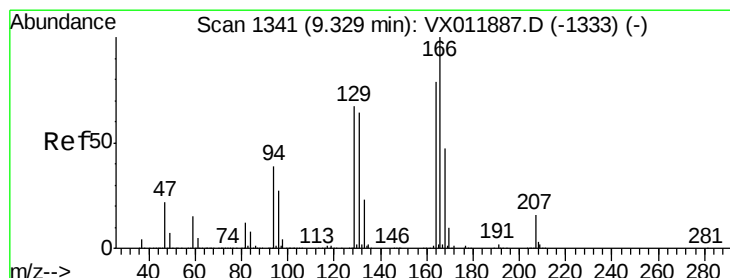
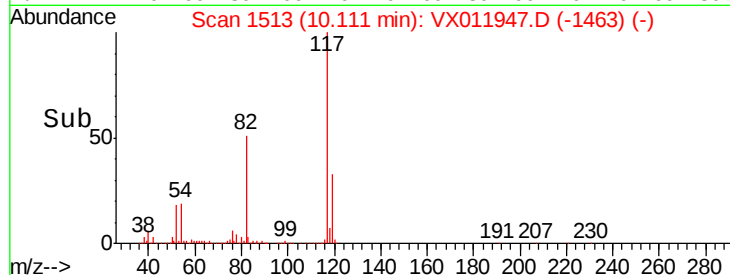
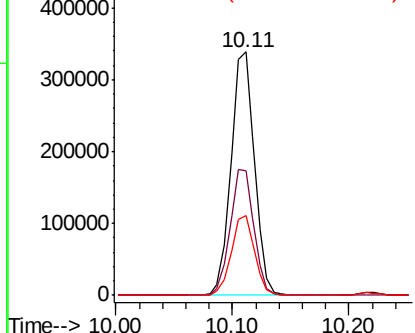
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011947.D
Acq: 31 Aug 2019 13:31

Instrument :
MSVOA_X
ClientSampleId :
MDL06

Tgt Ion:117 Resp: 475786
Ion Ratio Lower Upper
117 100
82 51.0 42.0 63.0
119 32.6 26.2 39.4

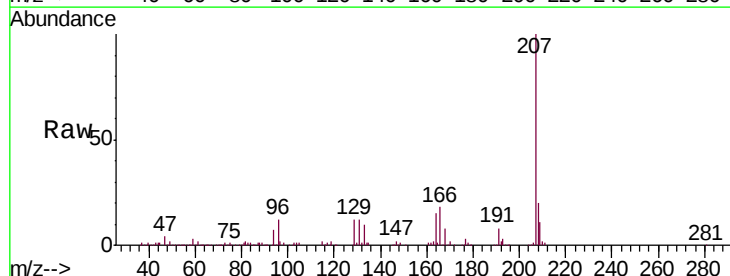


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

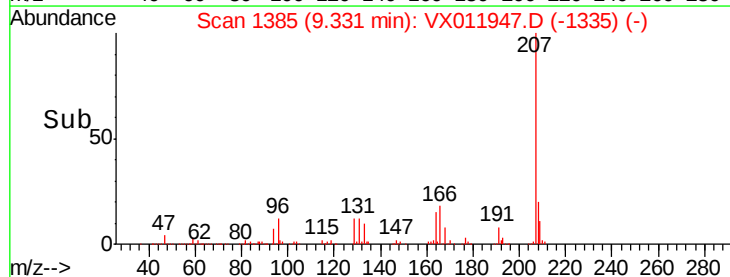
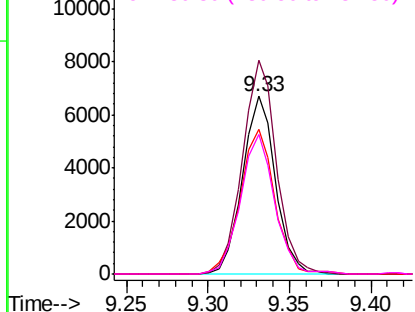


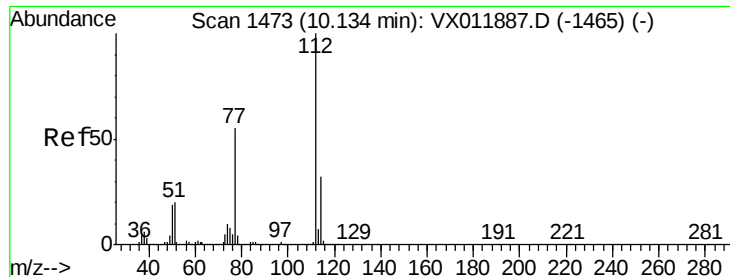
#64
Tetrachloroethene
Concen: 2.469 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX011947.D
Acq: 31 Aug 2019 13:31

Tgt Ion:164 Resp: 9448
Ion Ratio Lower Upper
164 100
166 120.2 101.4 152.0
129 81.4 68.0 102.0
131 78.8 64.7 97.1



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





#65

Chlorobenzene

Concen: 2.179 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

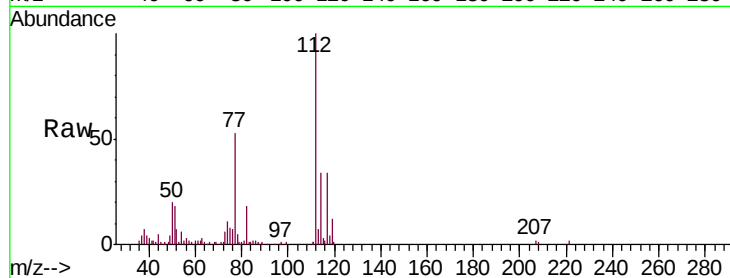
MDL06

Tgt Ion:112 Resp: 20091

Ion Ratio Lower Upper

112 100

114 34.0 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

15000

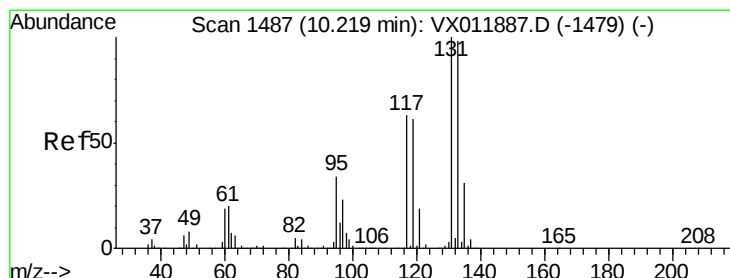
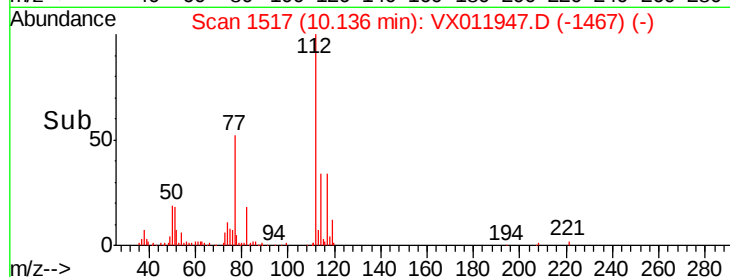
10000

5000

0

10.05 10.10 10.15 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 2.162 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

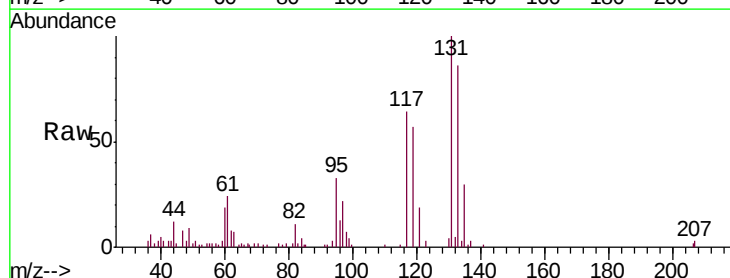
Tgt Ion:131 Resp: 8060

Ion Ratio Lower Upper

131 100

133 94.3 48.4 145.0

119 65.4 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

8000

6000

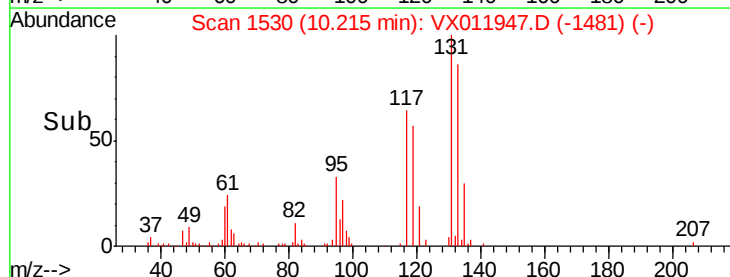
4000

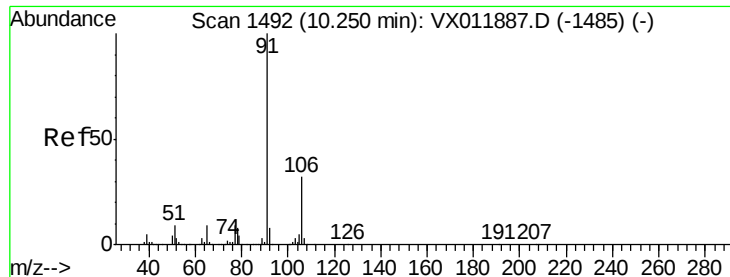
2000

0

10.15 10.20 10.25

Time-->





#67

Ethyl Benzene

Concen: 2.227 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Instrument :

MSVOA_X

ClientSampled :

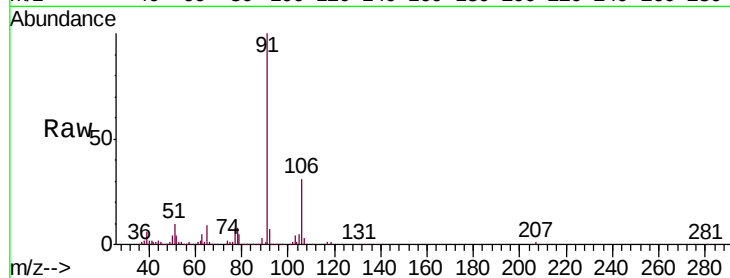
MDL06

Tgt Ion: 91 Resp: 34931

Ion Ratio Lower Upper

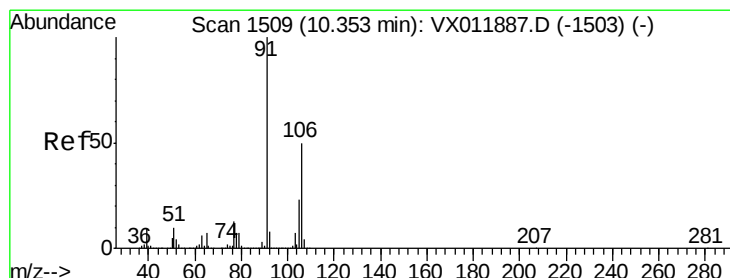
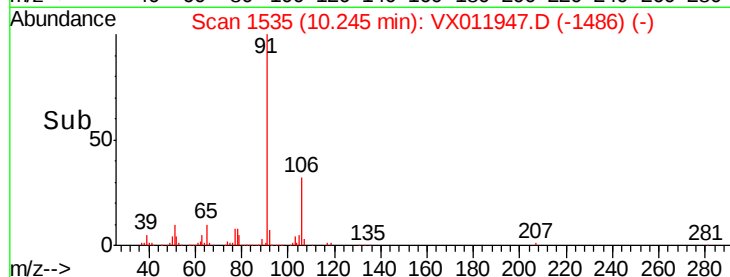
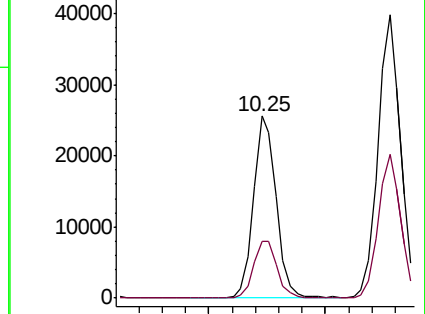
91 100

106 31.4 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): VX011887.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX011887.D (-1485) (-)



#68

m/p-Xylenes

Concen: 4.531 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX011947.D

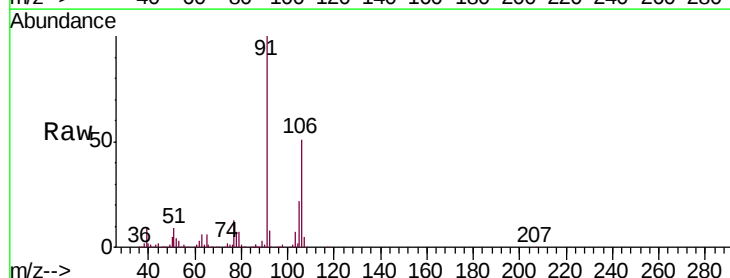
Acq: 31 Aug 2019 13:31

Tgt Ion: 106 Resp: 27440

Ion Ratio Lower Upper

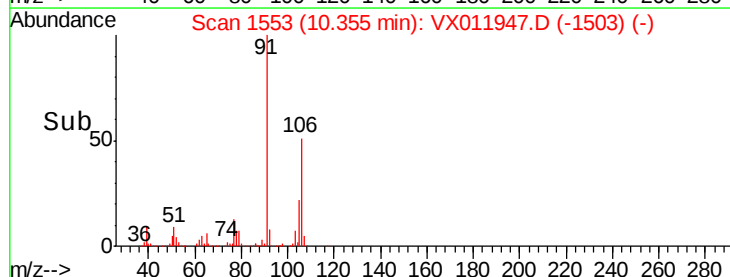
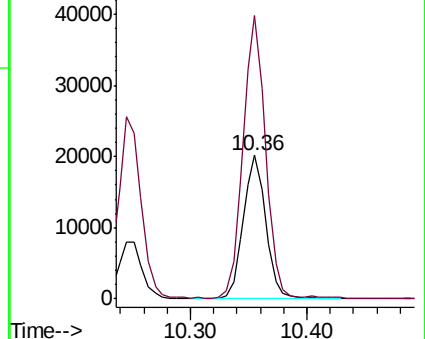
106 100

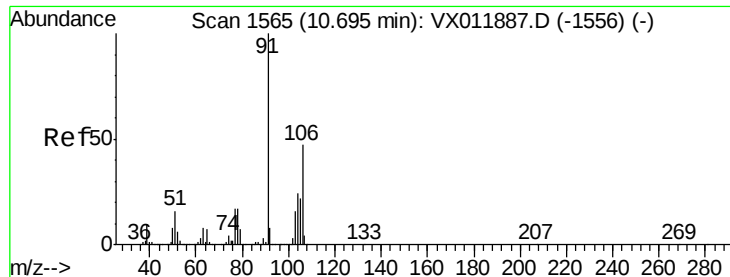
91 194.3 158.6 237.8



Abundance Ion 106.00 (105.70 to 106.70): VX011887.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX011887.D (-1503) (-)

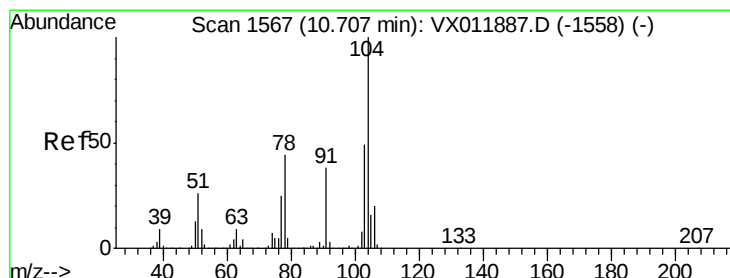
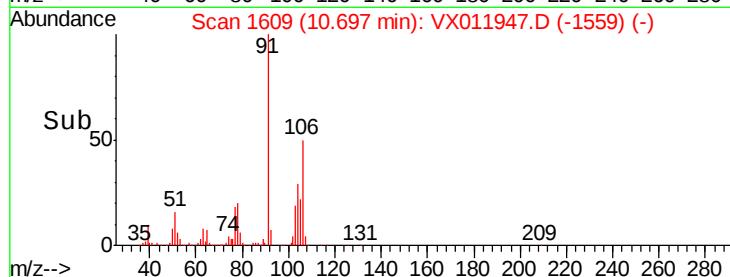
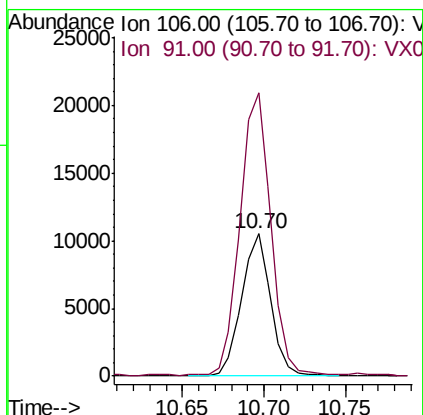
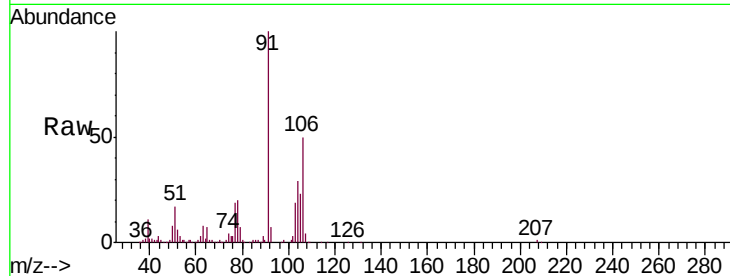




#69
o-Xylene
Concen: 2.228 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX011947.D
Acq: 31 Aug 2019 13:31

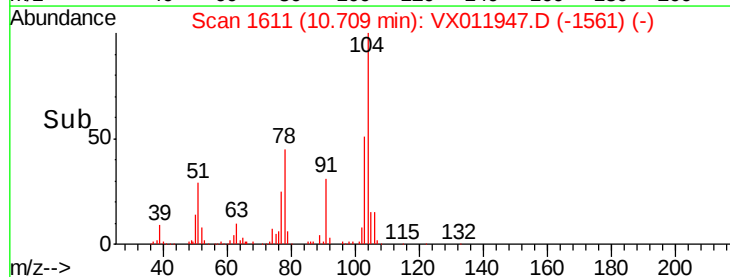
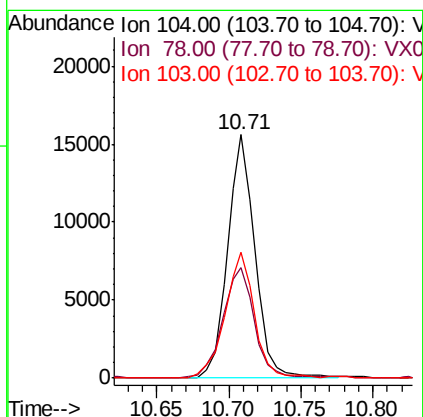
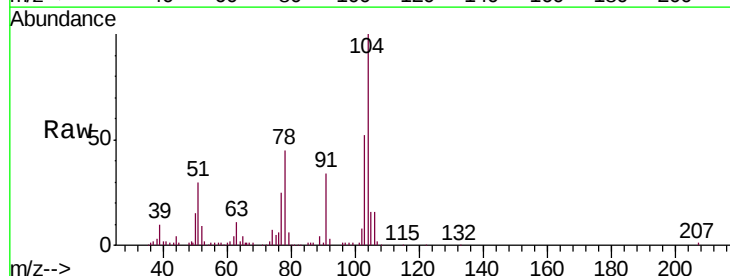
Instrument :
MSVOA_X
ClientSampled :
MDL06

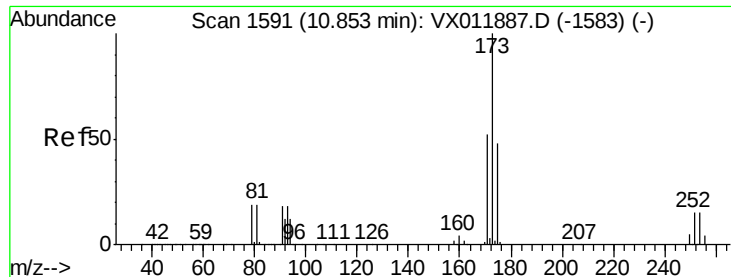
Tgt Ion:106 Resp: 13151
Ion Ratio Lower Upper
106 100
91 207.4 104.8 314.6



#70
Styrene
Concen: 2.001 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX011947.D
Acq: 31 Aug 2019 13:31

Tgt Ion:104 Resp: 20809
Ion Ratio Lower Upper
104 100
78 52.4 39.2 58.8
103 56.1 43.0 64.6





#71

Bromoform

Concen: 1.941 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Instrument :

MSVOA_X

ClientSampled :

MDL06

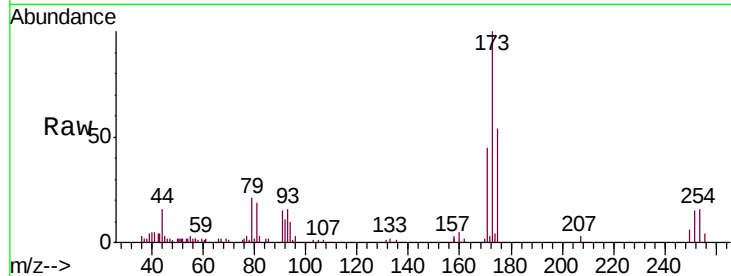
Tgt Ion:173 Resp: 5116

Ion Ratio Lower Upper

173 100

175 51.3 24.4 73.2

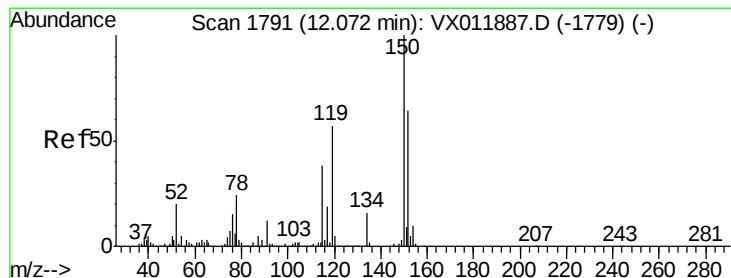
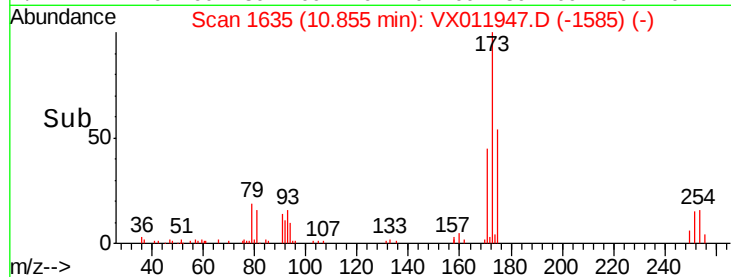
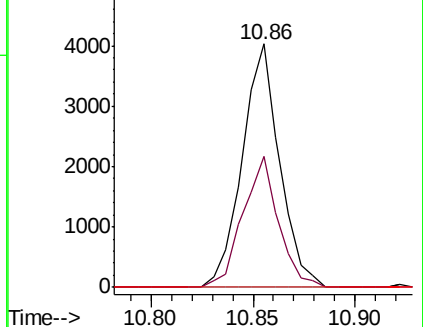
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

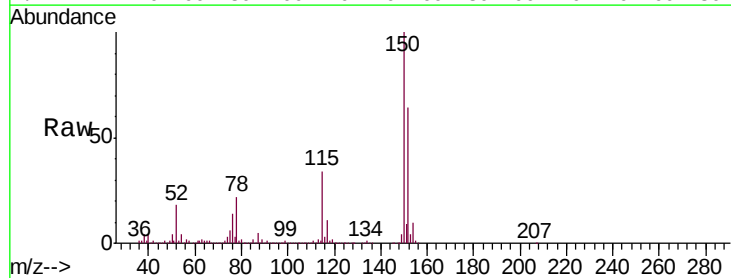
Tgt Ion:152 Resp: 275663

Ion Ratio Lower Upper

152 100

115 54.2 37.1 111.3

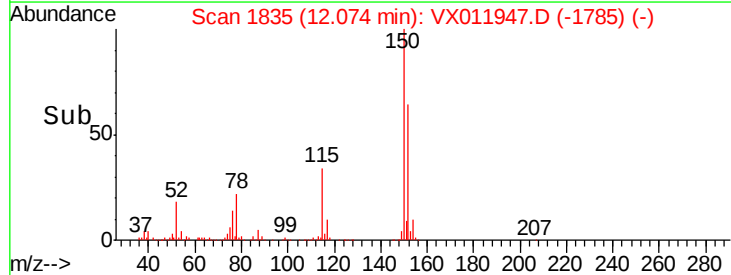
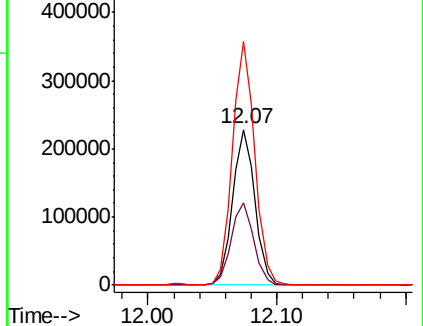
150 157.0 0.0 339.6

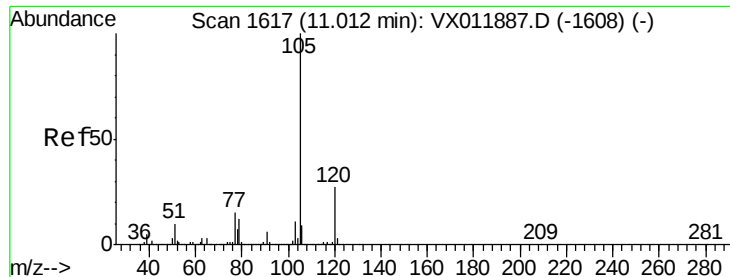


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.234 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

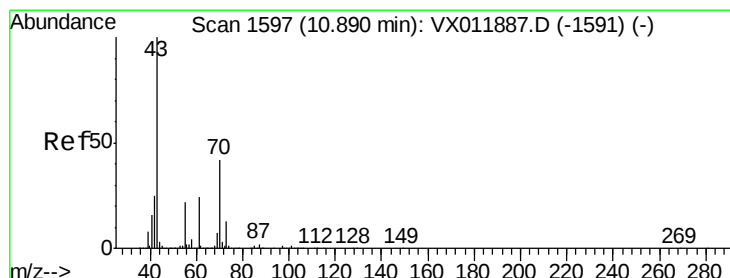
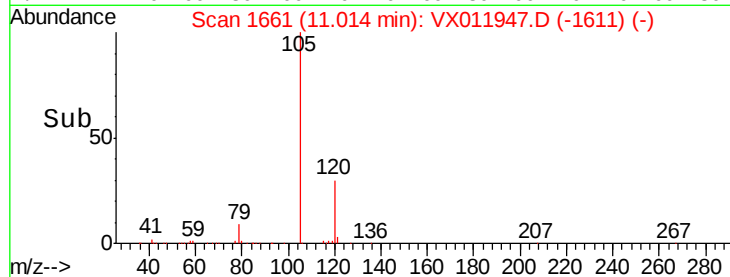
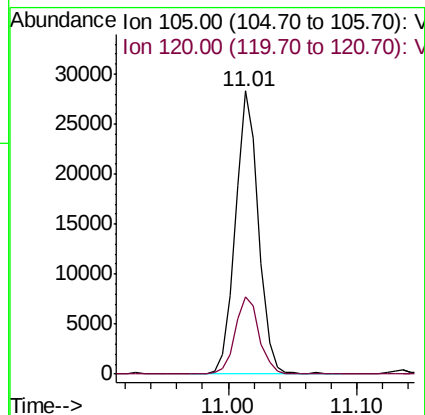
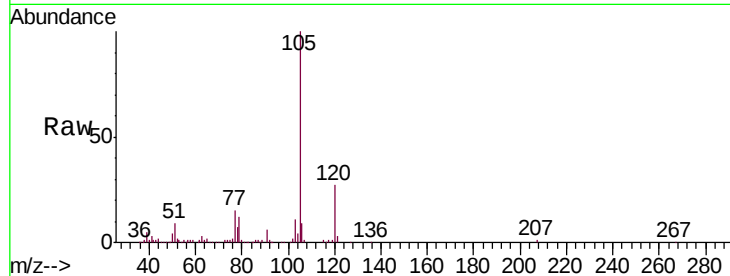
MDL06

Tgt Ion: 105 Resp: 35391

Ion Ratio Lower Upper

105 100

120 28.4 13.8 41.4



#74

N-ethyl acetate

Concen: 1.815 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Tgt Ion: 43 Resp: 8530

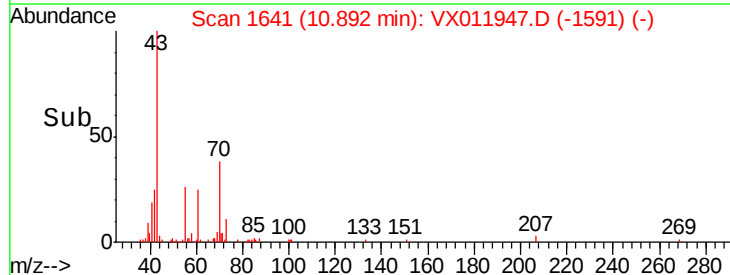
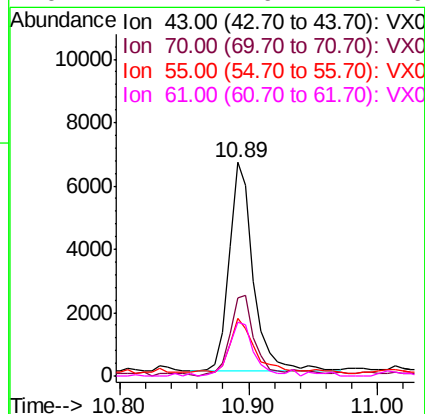
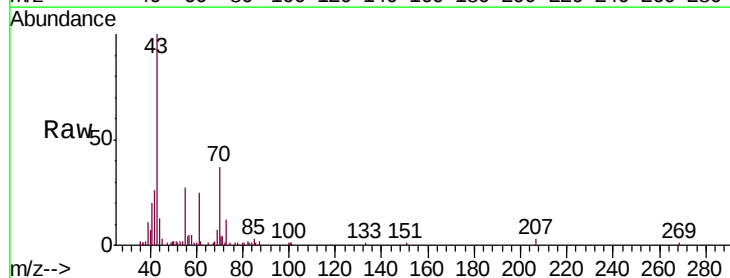
Ion Ratio Lower Upper

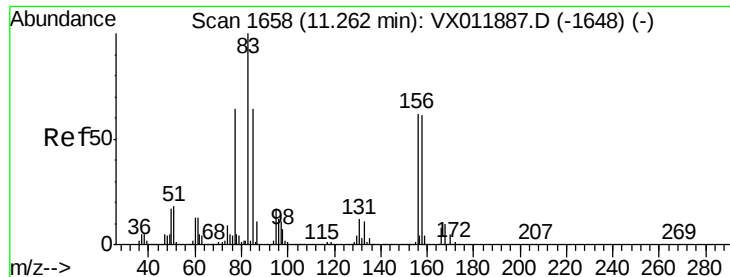
43 100

70 40.0 0.2 0.2#

55 25.9 0.1 0.1#

61 27.2 16.4 24.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 2.090 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

MDL06

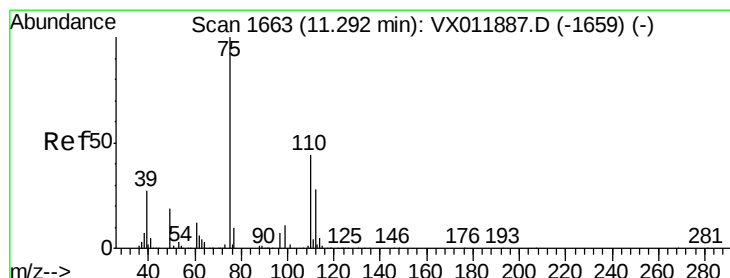
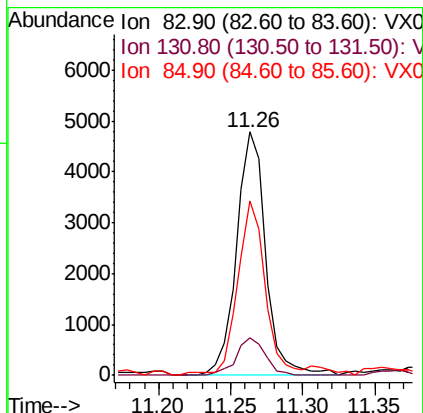
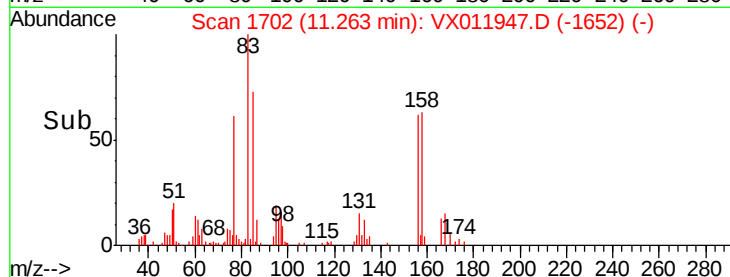
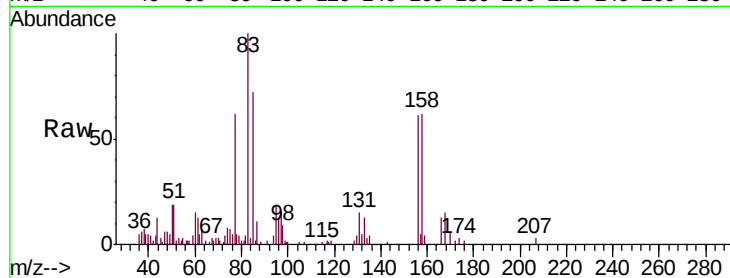
Tgt Ion: 83 Resp: 6774

Ion Ratio Lower Upper

83 100

131 15.2 6.0 18.0

85 68.0 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 2.065 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX011947.D

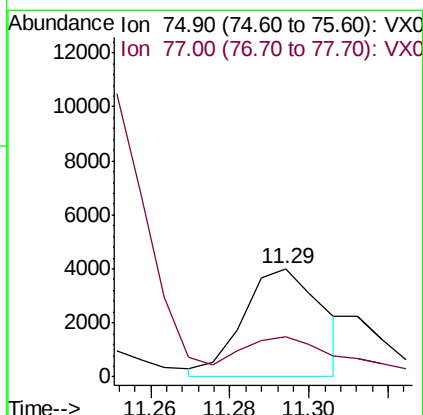
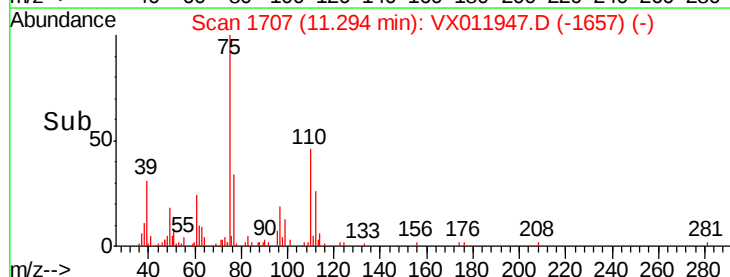
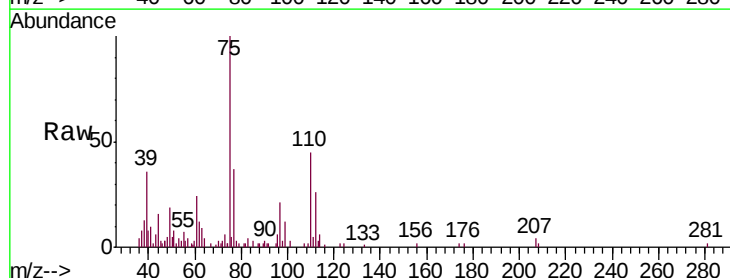
Acq: 31 Aug 2019 13:31

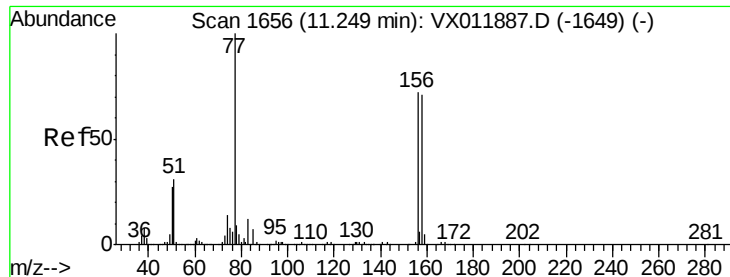
Tgt Ion: 75 Resp: 5601

Ion Ratio Lower Upper

75 100

77 44.2 20.9 62.7

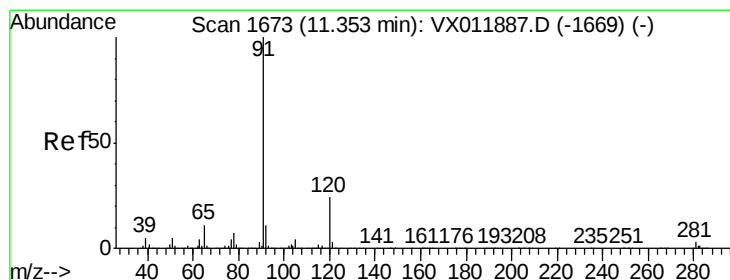
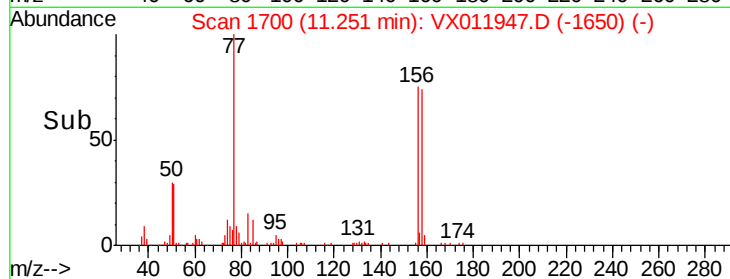
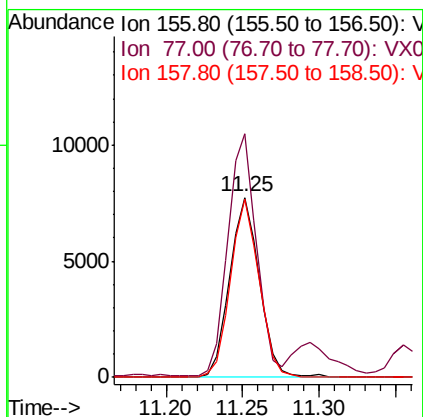
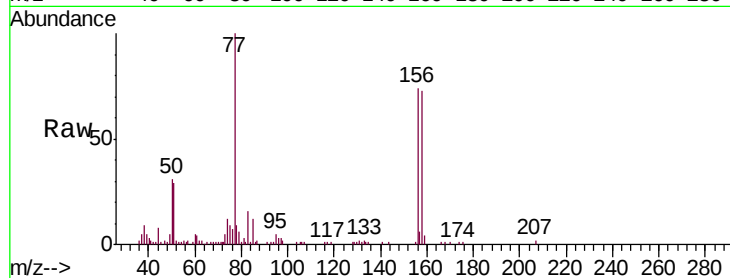




#77
Bromobenzene
Concen: 2.277 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX011947.D
Acq: 31 Aug 2019 13:31

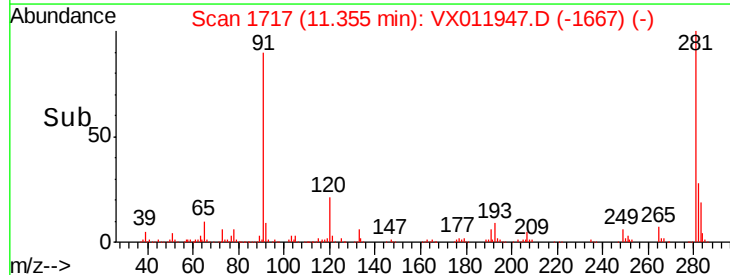
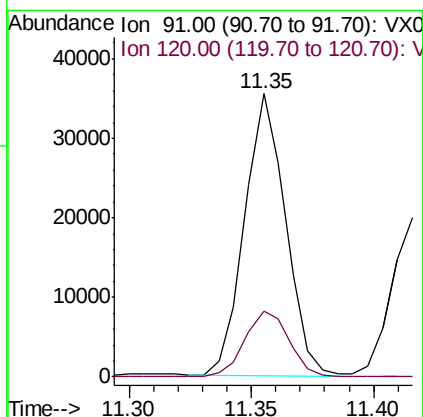
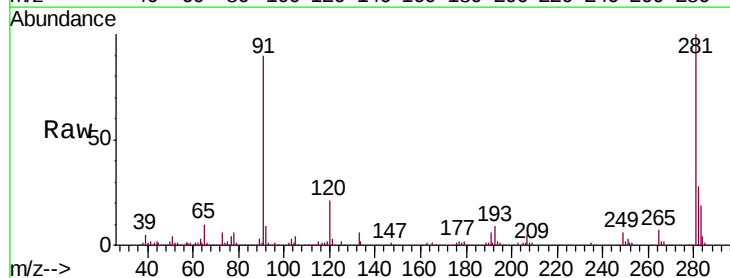
Instrument :
MSVOA_X
ClientSampled :
MDL06

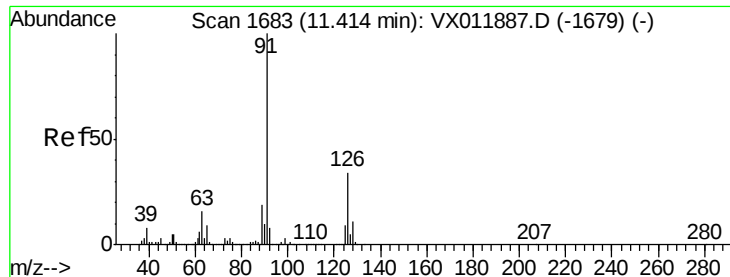
Tgt Ion:156 Resp: 10462
Ion Ratio Lower Upper
156 100
77 128.9 68.1 204.3
158 95.0 48.9 146.8



#78
n-propylbenzene
Concen: 2.305 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX011947.D
Acq: 31 Aug 2019 13:31

Tgt Ion: 91 Resp: 41408
Ion Ratio Lower Upper
91 100
120 25.4 12.3 36.9

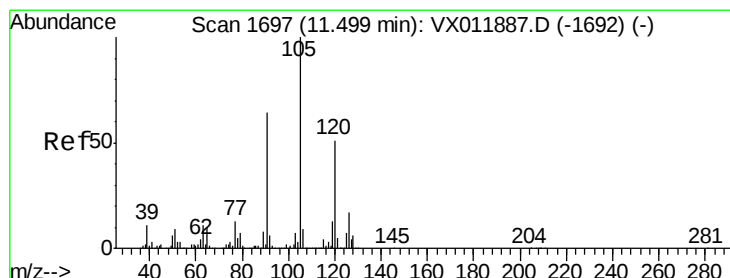
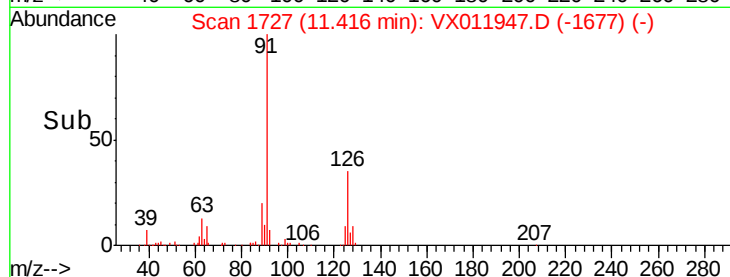
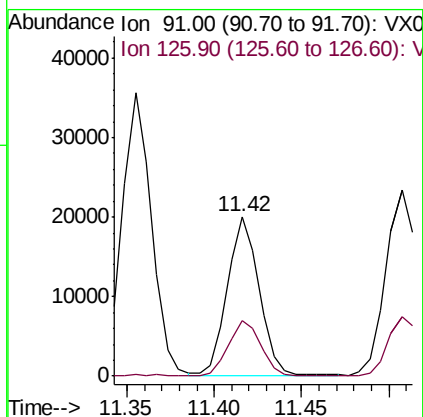
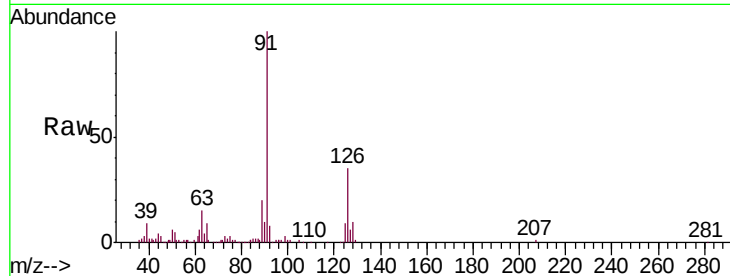




#79
 2-Chlorotoluene
 Concen: 2.318 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX011947.D
 Acq: 31 Aug 2019 13:31

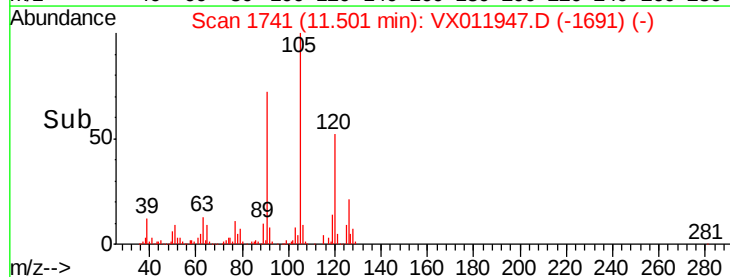
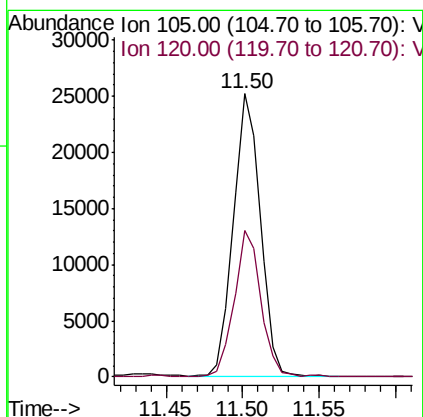
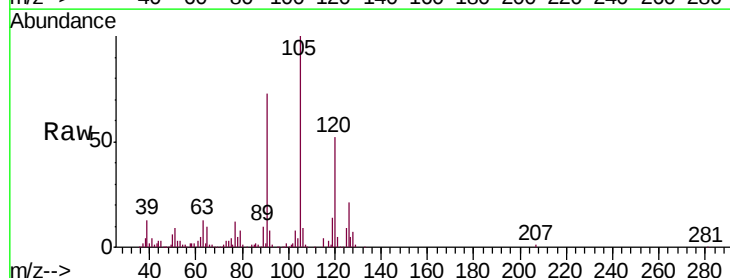
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

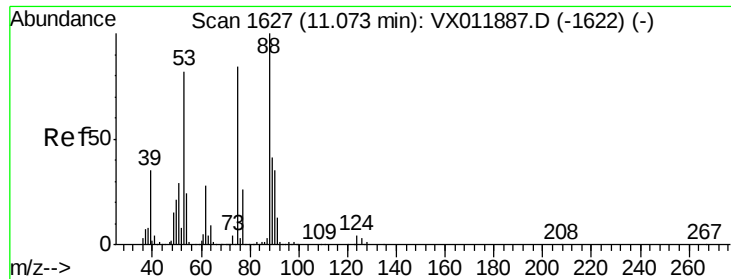
Tgt Ion: 91 Resp: 25055
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.9 53.8



#80
 1,3,5-Trimethylbenzene
 Concen: 2.272 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011947.D
 Acq: 31 Aug 2019 13:31

Tgt Ion: 105 Resp: 31068
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 1.976 ug/l m

RT: 11.07 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

MDL06

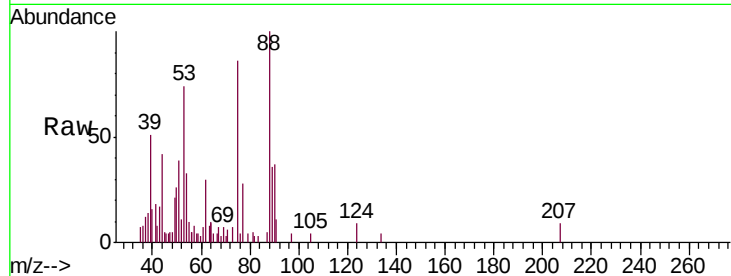
Tgt Ion: 75 Resp: 2133

Ion Ratio Lower Upper

75 100

53 3.9 77.1 115.7#

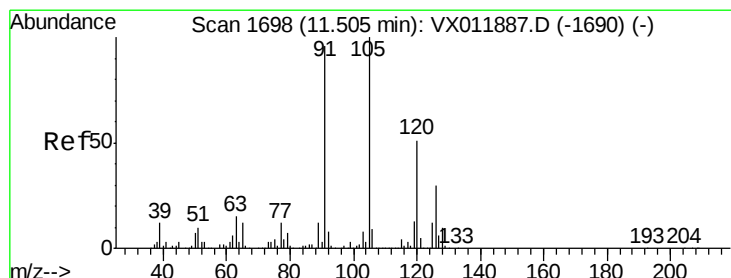
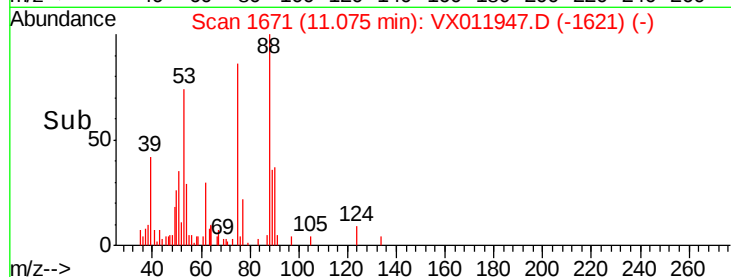
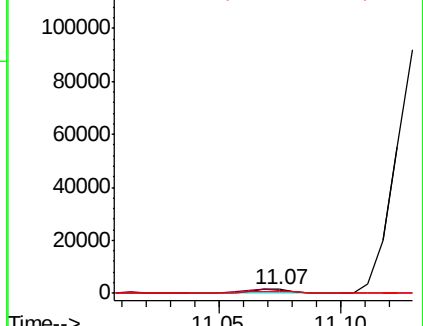
89 0.0 38.2 57.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 2.306 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX011947.D

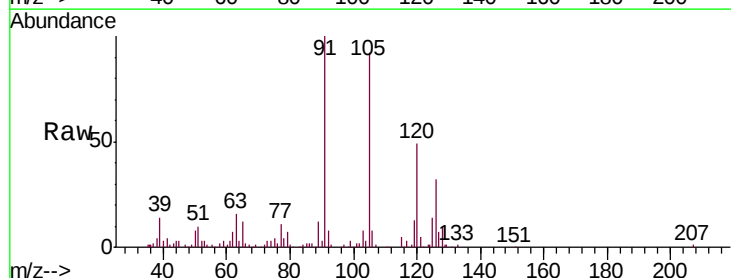
Acq: 31 Aug 2019 13:31

Tgt Ion: 91 Resp: 30076

Ion Ratio Lower Upper

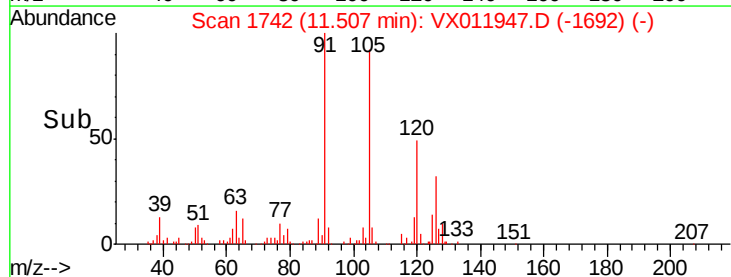
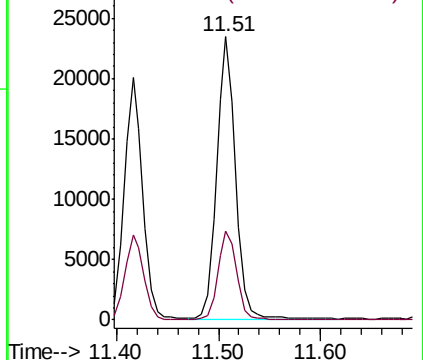
91 100

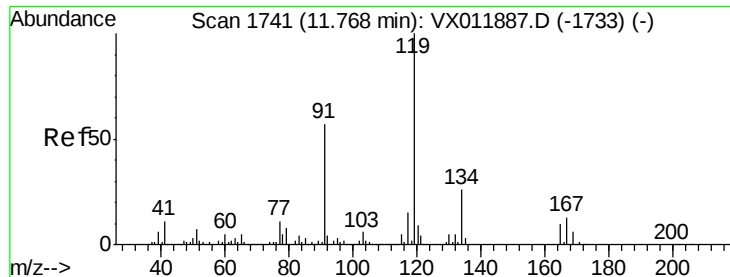
126 31.6 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

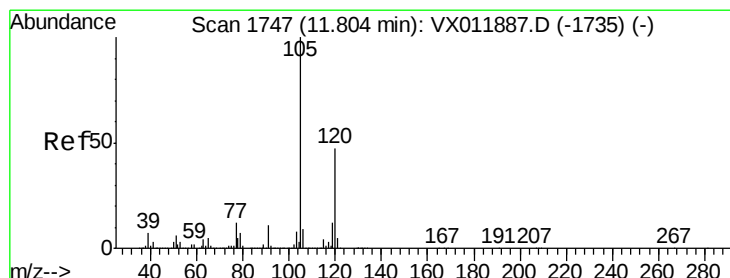
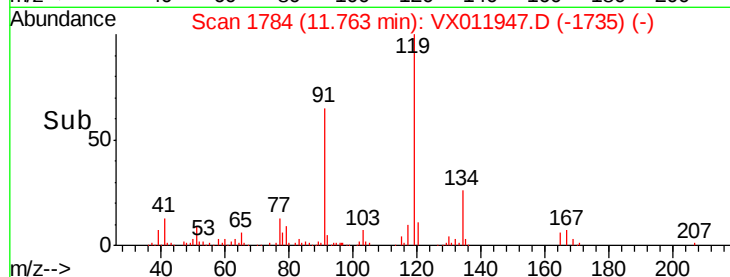
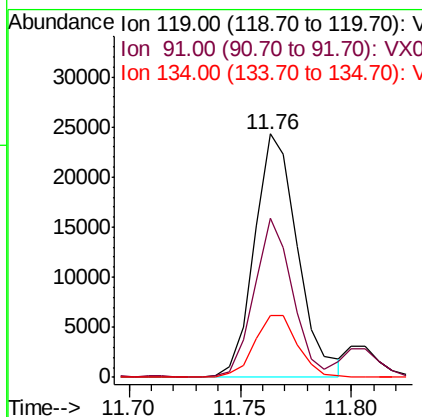
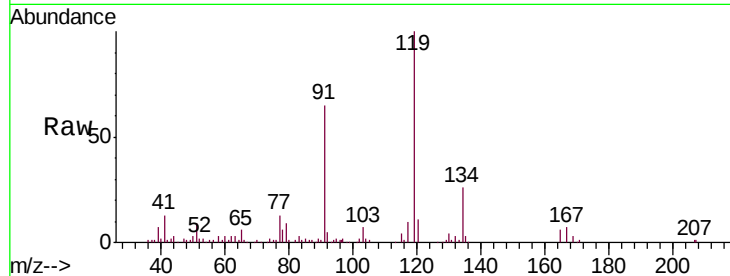




#83
 tert-Butylbenzene
 Concen: 2.364 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX011947.D
 Acq: 31 Aug 2019 13:31

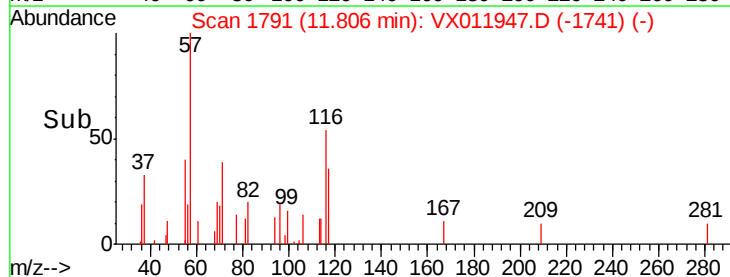
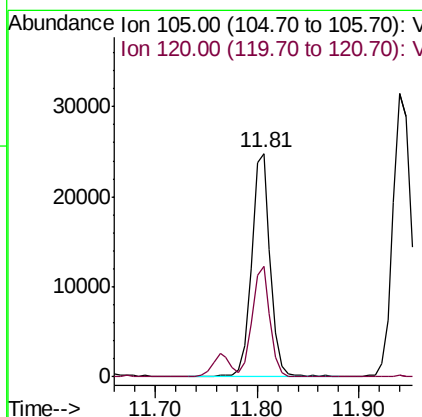
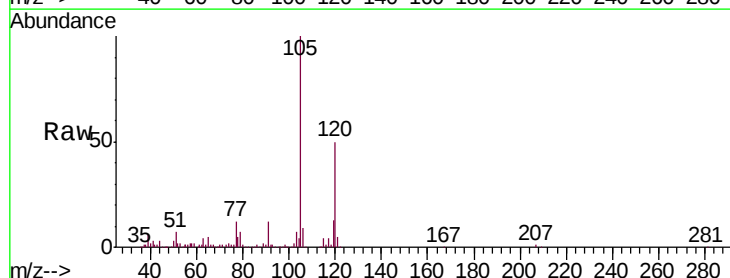
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

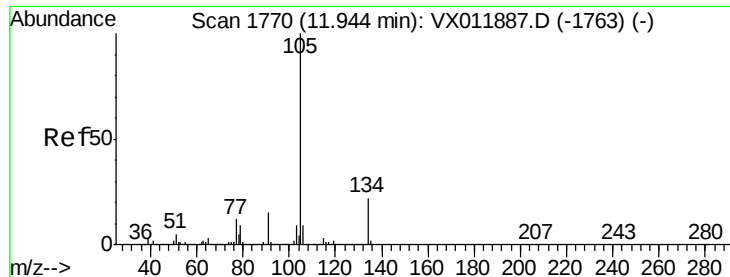
Tgt Ion:119 Resp: 32801
 Ion Ratio Lower Upper
 119 100
 91 58.1 27.9 83.6
 134 25.5 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 2.279 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX011947.D
 Acq: 31 Aug 2019 13:31

Tgt Ion:105 Resp: 31934
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.4 70.3

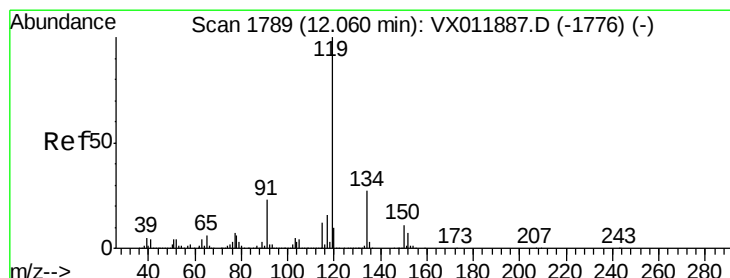
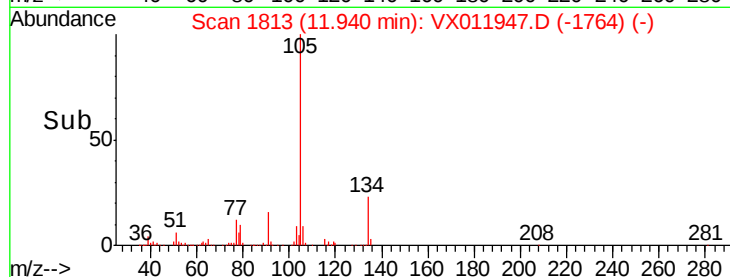
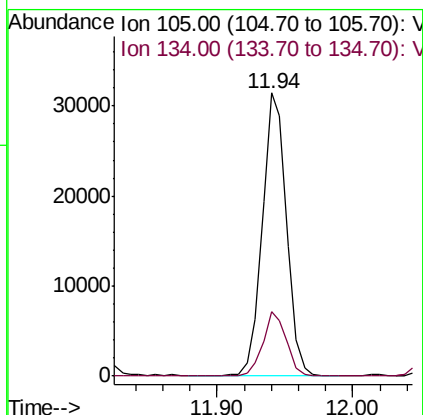
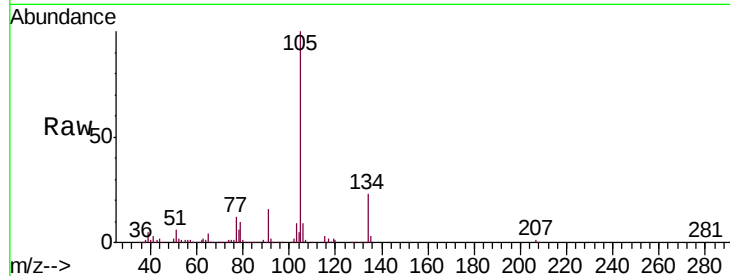




#85
 sec-Butylbenzene
 Concen: 2.448 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX011947.D
 Acq: 31 Aug 2019 13:31

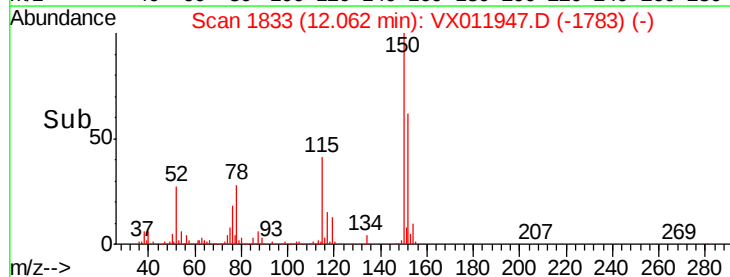
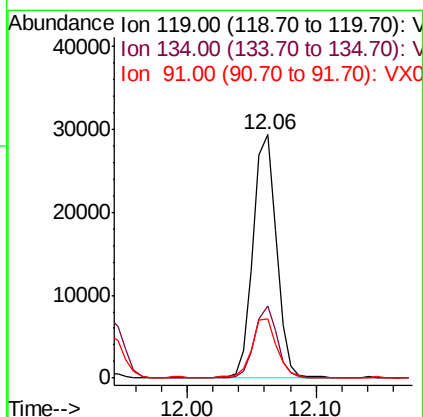
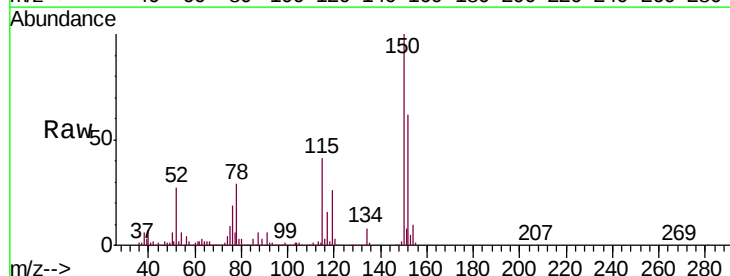
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

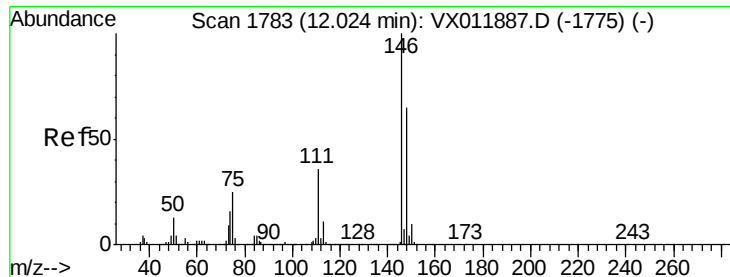
Tgt Ion:105 Resp: 39451
 Ion Ratio Lower Upper
 105 100
 134 22.0 10.9 32.7



#86
 p-Isopropyltoluene
 Concen: 2.344 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX011947.D
 Acq: 31 Aug 2019 13:31

Tgt Ion:119 Resp: 36626
 Ion Ratio Lower Upper
 119 100
 134 28.9 13.7 41.0
 91 26.5 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 2.341 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

Instrument :

MSVOA_X

ClientSampleId :

MDL06

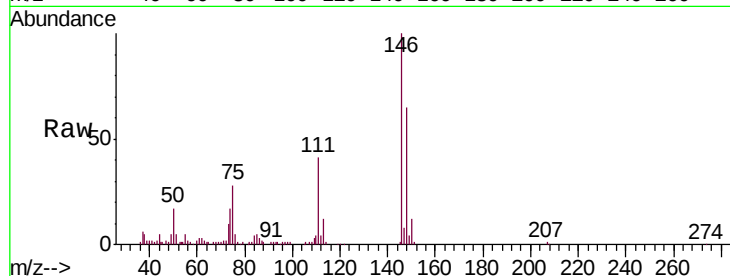
Tgt Ion:146 Resp: 19983

Ion Ratio Lower Upper

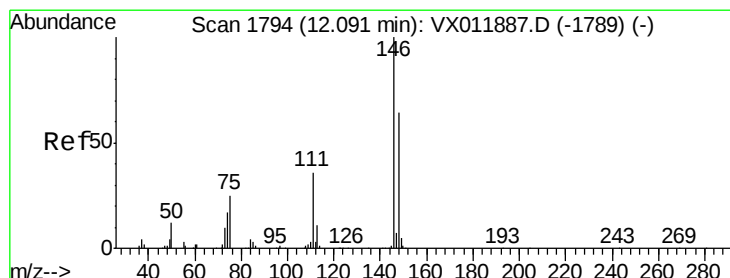
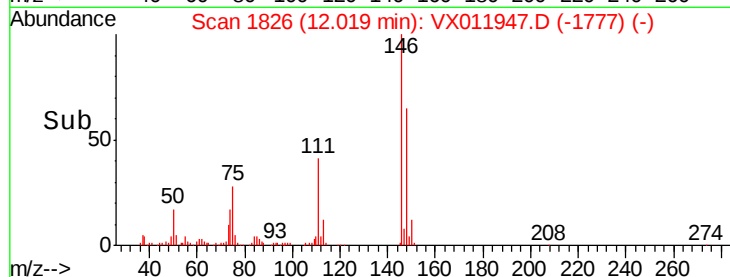
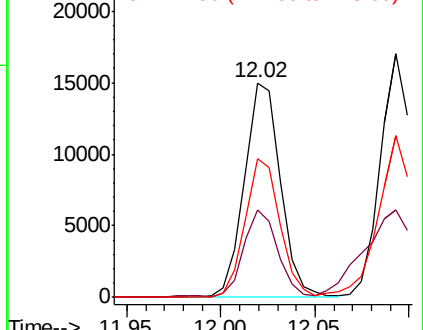
146 100

111 37.3 18.4 55.2

148 62.4 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 2.401 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX011947.D

Acq: 31 Aug 2019 13:31

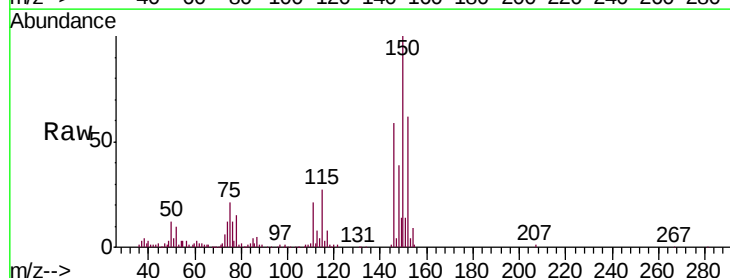
Tgt Ion:146 Resp: 20720

Ion Ratio Lower Upper

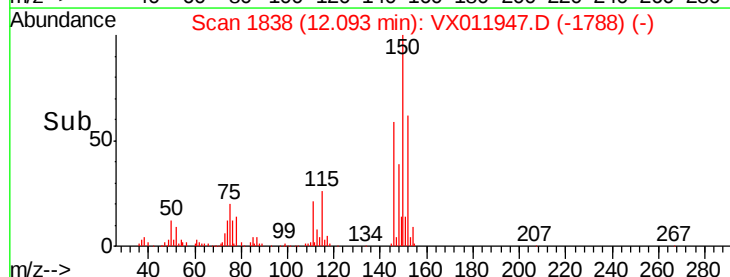
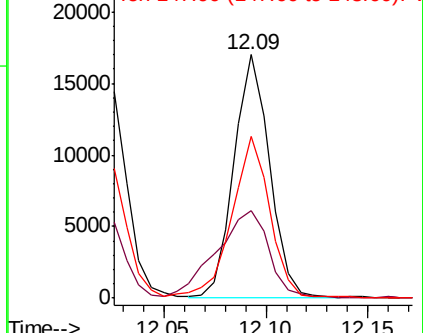
146 100

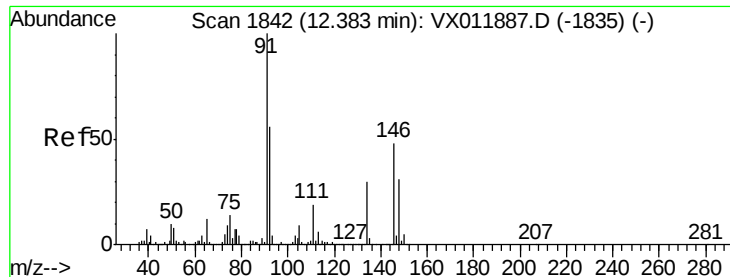
111 52.7 17.9 53.7

148 71.0 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

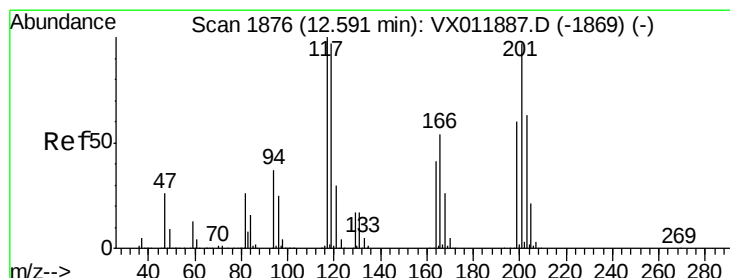
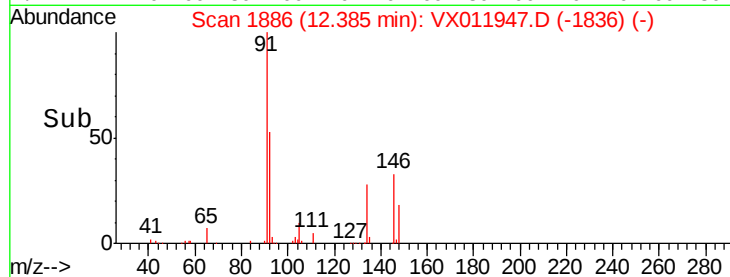
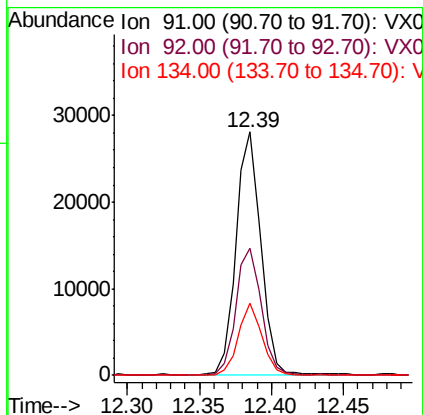
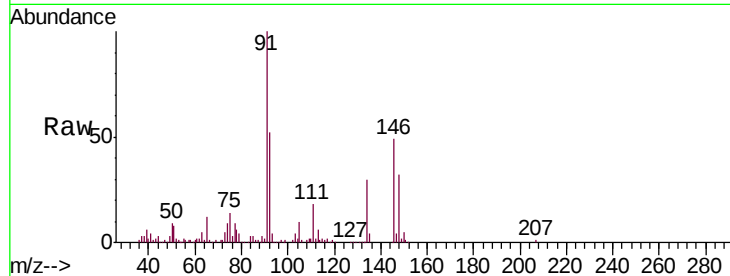




#89
n-Butylbenzene
Concen: 2.457 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX011947.D
Acq: 31 Aug 2019 13:31

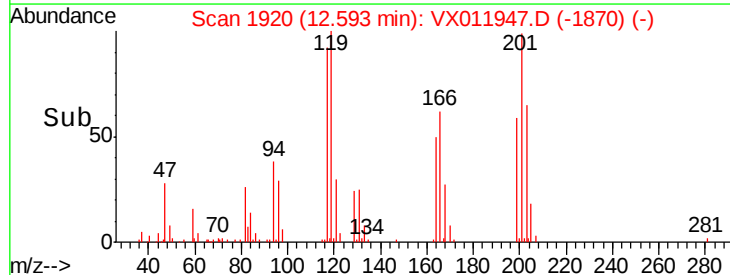
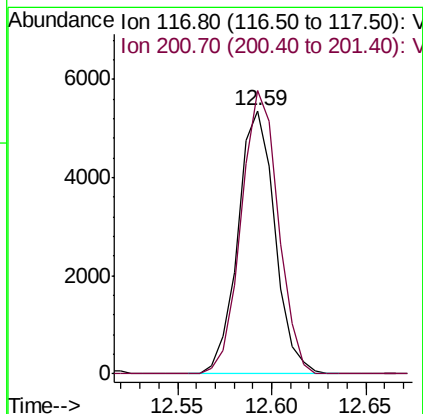
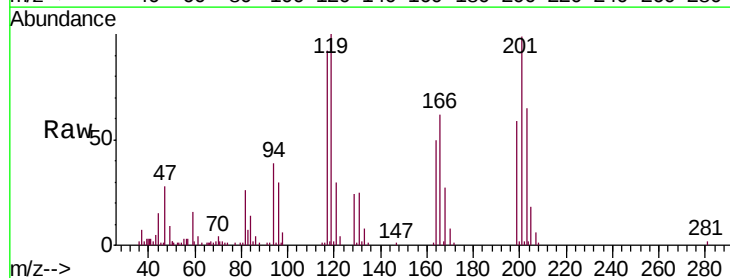
Instrument :
MSVOA_X
ClientSampleId :
MDL06

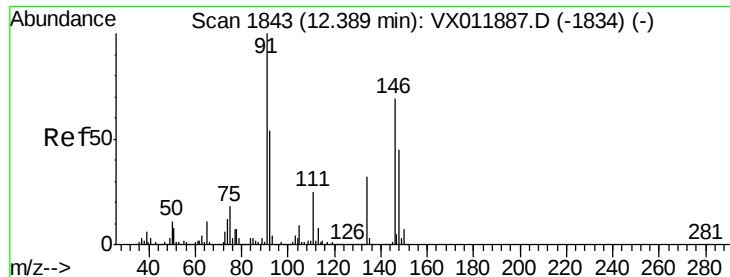
Tgt Ion: 91 Resp: 33968
Ion Ratio Lower Upper
91 100
92 53.0 27.6 82.8
134 28.2 14.8 44.3



#90
Hexachloroethane
Concen: 2.411 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX011947.D
Acq: 31 Aug 2019 13:31

Tgt Ion: 117 Resp: 7287
Ion Ratio Lower Upper
117 100
201 107.8 52.8 158.5

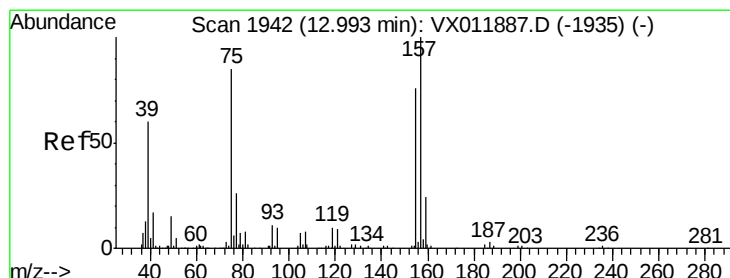
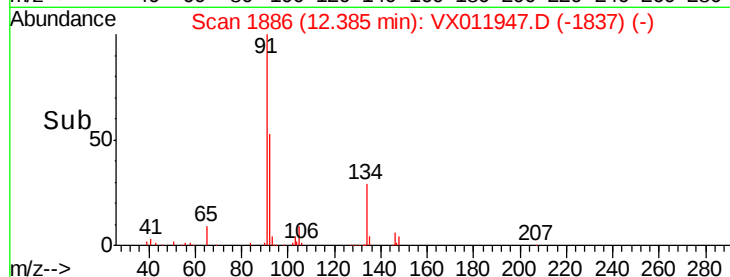
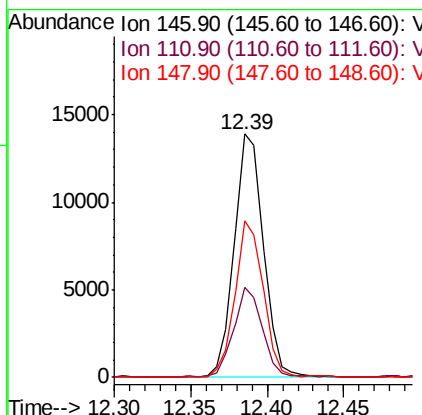
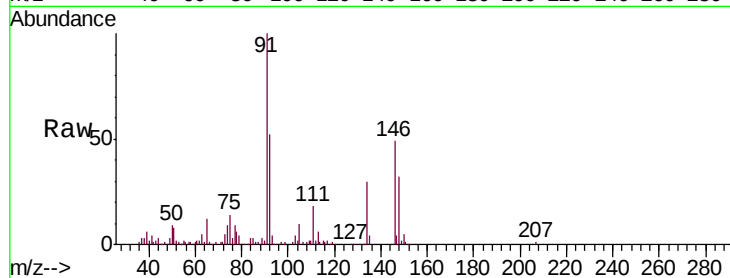




#91
 1,2-Dichlorobenzene
 Concen: 2.321 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX011947.D
 Acq: 31 Aug 2019 13:31

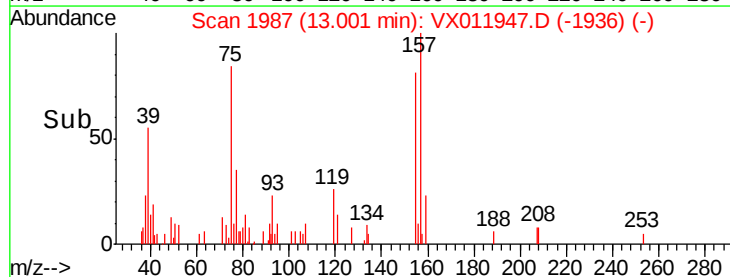
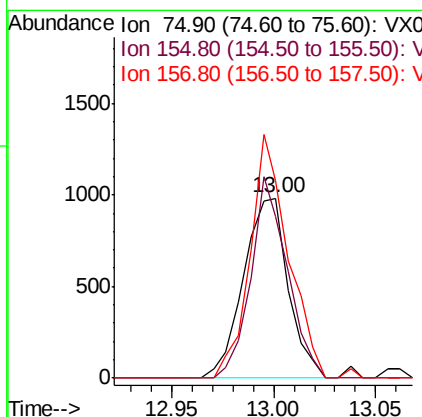
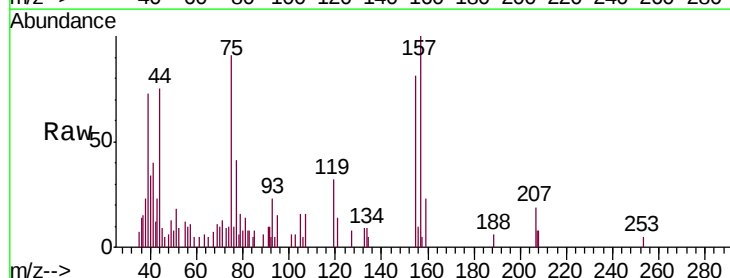
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

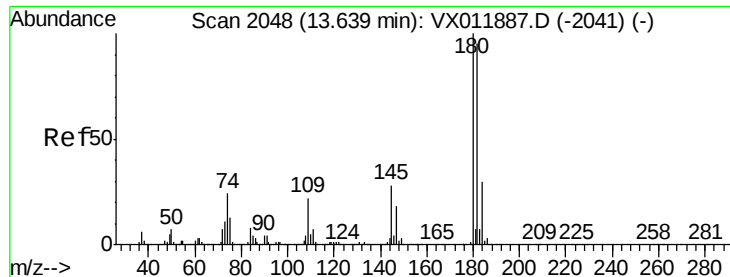
Tgt Ion:146 Resp: 18423
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.9 56.5
 148 62.3 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.318 ug/l
 RT: 13.00 min Scan# 1987
 Delta R.T. 0.01 min
 Lab File: VX011947.D
 Acq: 31 Aug 2019 13:31

Tgt Ion: 75 Resp: 1497
 Ion Ratio Lower Upper
 75 100
 155 91.0 50.1 150.4
 157 115.3 63.9 191.7

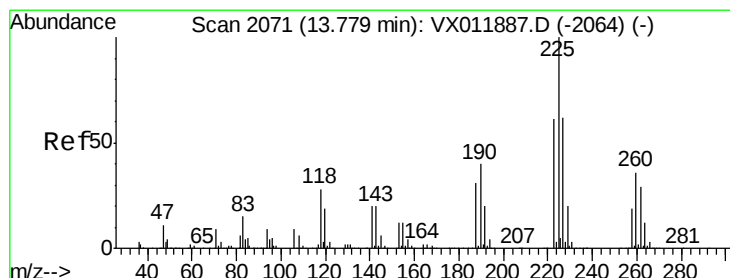
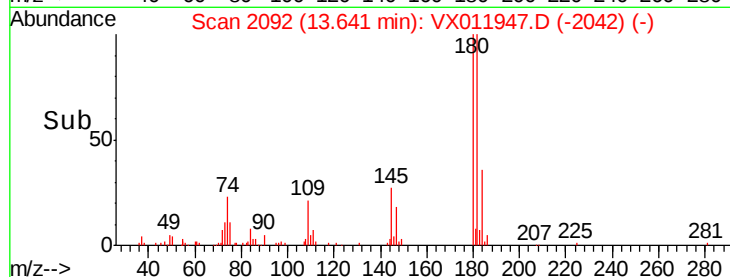
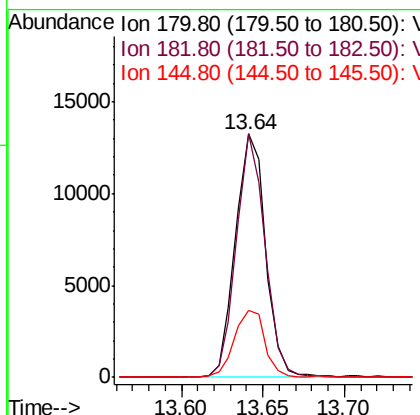
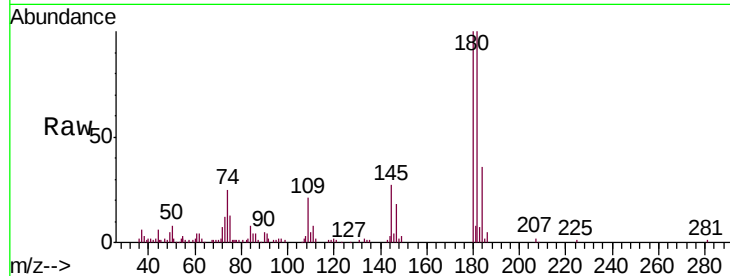




#93
 1,2,4-Trichlorobenzene
 Concen: 2.559 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX011947.D
 Acq: 31 Aug 2019 13:31

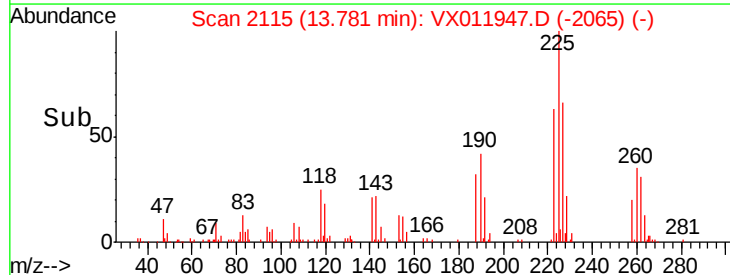
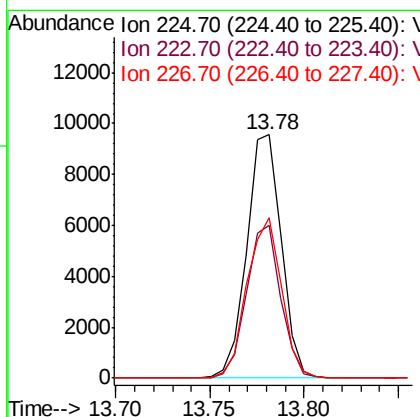
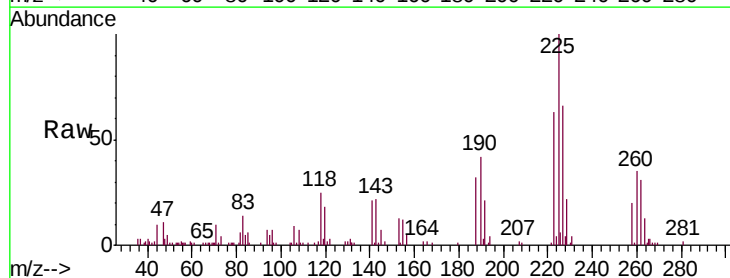
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL06

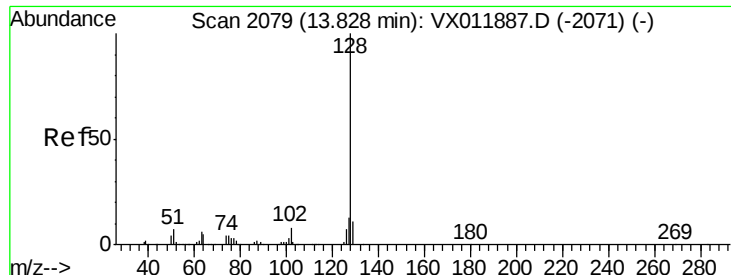
Tgt Ion:180 Resp: 17101
 Ion Ratio Lower Upper
 180 100
 182 95.0 48.1 144.4
 145 27.9 13.8 41.3



#94
 Hexachlorobutadiene
 Concen: 2.735 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX011947.D
 Acq: 31 Aug 2019 13:31

Tgt Ion:225 Resp: 12208
 Ion Ratio Lower Upper
 225 100
 223 62.1 30.8 92.3
 227 65.6 31.9 95.7

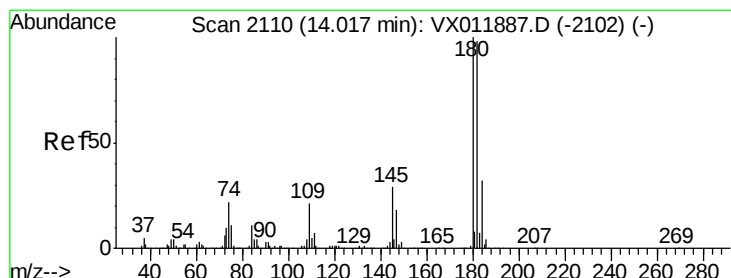
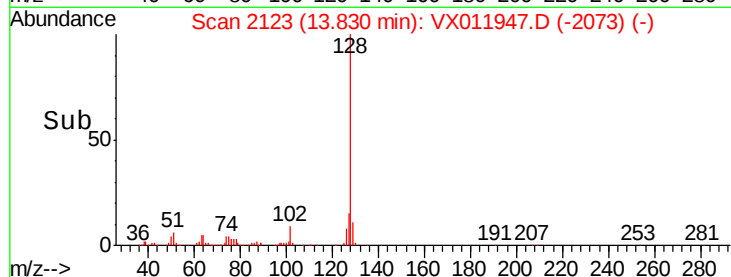
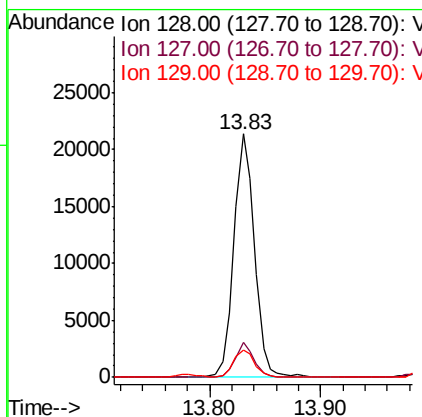
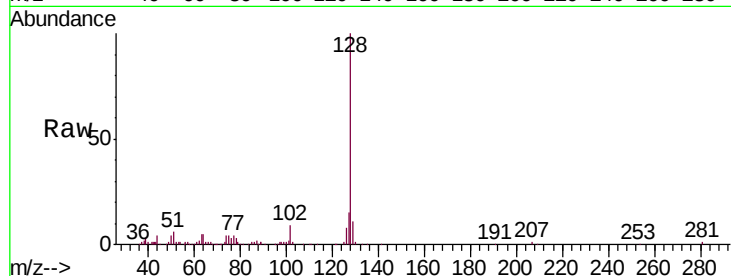




#95
Naphthalene
Concen: 2.391 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX011947.D
Acq: 31 Aug 2019 13:31

Instrument :
MSVOA_X
ClientSampled :
MDL06

Tgt Ion:128 Resp: 27429
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 11.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 2.644 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VX011947.D
Acq: 31 Aug 2019 13:31

Tgt Ion:180 Resp: 15977
Ion Ratio Lower Upper
180 100
182 94.2 48.3 144.8
145 32.0 14.6 43.8

