

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100319\
 Data File : VD063880.D
 Acq On : 03 Oct 2019 17:21
 Operator : VA/SY
 Sample : MDL06
 Misc : 5.00g/5.00mL/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL06

Quant Time: Oct 04 01:37:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 03 04:49:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	182347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	309879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	297370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	145230	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	89155	50.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.44%	
35) Dibromofluoromethane	7.92	113	86420	45.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.26%	
50) Toluene-d8	10.34	98	358894	46.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.38%	
62) 4-Bromofluorobenzene	12.63	95	115389	43.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	3012	2.329	ug/l #	37
3) Chloromethane	2.21	50	11264	Below Cal		89
4) Vinyl Chloride	2.35	62	11984	2.867	ug/l	99
5) Bromomethane	2.77	94	7821	2.911	ug/l	84
6) Chloroethane	2.93	64	7568	2.738	ug/l	93
7) Trichlorofluoromethane	3.27	101	15371	2.782	ug/l	94
8) Diethyl Ether	3.71	74	2513	2.833	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	4.09	101	4109	2.686	ug/l	97
10) Methyl Iodide	4.30	142	5213	2.473	ug/l #	93
11) Tert butyl alcohol	5.26	59	1269	2.344	ug/l #	71
12) 1,1-Dichloroethene	4.06	96	4699	3.075	ug/l #	68
13) Acrolein	3.91	56	1182	7.455	ug/l	93
14) Allyl chloride	4.70	41	7948	3.128	ug/l #	95
15) Acrylonitrile	5.43	53	5290	13.528	ug/l	98
16) Acetone	4.17	43	8897	19.249	ug/l	92
17) Carbon Disulfide	4.40	76	13210	2.378	ug/l #	86
18) Methyl Acetate	4.72	43	2844	3.146	ug/l #	88
19) Methyl tert-butyl Ether	5.47	73	10499	2.653	ug/l	99
20) Methylene Chloride	4.96	84	14173	4.151	ug/l #	84
21) trans-1,2-Dichloroethene	5.48	96	5379	2.827	ug/l #	80
22) Diisopropyl ether	6.37	45	14247	2.746	ug/l #	97
23) Vinyl Acetate	6.31	43	30530	9.890	ug/l #	93
24) 1,1-Dichloroethane	6.26	63	8377	2.621	ug/l #	84
25) 2-Butanone	7.23	43	8615	15.728	ug/l	93
26) 2,2-Dichloropropane	7.22	77	9340	3.230	ug/l	91
27) cis-1,2-Dichloroethene	7.22	96	5516	2.562	ug/l	85
28) Bromochloromethane	7.54	49	3834	4.902	ug/l	88
29) Tetrahydrofuran	7.58	42	4376	13.687	ug/l	89
30) Chloroform	7.71	83	9531	2.745	ug/l	99
32) 1,1,1-Trichloroethane	7.91	97	7403	2.486	ug/l	99
36) 1,1-Dichloropropene	8.11	75	6759	2.386	ug/l	92
37) Ethyl Acetate	7.30	43	4347	Below Cal	#	93
38) Carbon Tetrachloride	8.11	117	6527	2.280	ug/l #	68
39) Methylcyclohexane	9.36	83	8790	2.523	ug/l #	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100319\
 Data File : VD063880.D
 Acq On : 03 Oct 2019 17:21
 Operator : VA/SY
 Sample : MDL06
 Misc : 5.00g/5.00mL/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL06

Quant Time: Oct 04 01:37:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 03 04:49:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.36	78	19733	2.430	ug/l	96
41) Methacrylonitrile	7.53	41	2096	3.191	ug/l #	69
42) 1,2-Dichloroethane	8.43	62	5890	2.508	ug/l	92
43) Isopropyl Acetate	8.47	43	6052	2.547	ug/l #	75
44) Trichloroethene	9.12	130	5762	2.461	ug/l	99
45) 1,2-Dichloropropane	9.40	63	5084	2.558	ug/l	89
46) Dibromomethane	9.48	93	2637	2.330	ug/l	93
47) Bromodichloromethane	9.66	83	6359	2.182	ug/l	89
48) Methyl methacrylate	9.46	41	3752	3.296	ug/l #	76
49) 1,4-Dioxane	9.46	88	1043	67.511	ug/l #	40
51) 4-Methyl-2-Pentanone	10.23	43	15751	12.782	ug/l	94
52) Toluene	10.40	92	13986	2.509	ug/l	93
53) t-1,3-Dichloropropene	10.62	75	6914	2.431	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	7843	2.396	ug/l #	79
55) 1,1,2-Trichloroethane	10.80	97	4435	2.775	ug/l #	80
56) Ethyl methacrylate	10.67	69	4228	2.089	ug/l #	74
57) 1,3-Dichloropropane	10.95	76	6360	2.326	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.95	63	9597	11.033	ug/l	90
59) 2-Hexanone	10.98	43	10158	11.395	ug/l	95
60) Dibromochloromethane	11.14	129	4606	2.214	ug/l	97
61) 1,2-Dibromoethane	11.25	107	3495	2.256	ug/l	87
64) Tetrachloroethene	10.87	164	5137	2.530	ug/l #	79
65) Chlorobenzene	11.67	112	14194	2.377	ug/l	89
66) 1,1,1,2-Tetrachloroethane	11.74	131	4866	2.211	ug/l	94
67) Ethyl Benzene	11.74	91	24466	2.272	ug/l	92
68) m/p-Xylenes	11.86	106	18335	4.411	ug/l	97
69) o-Xylene	12.18	106	9287	2.333	ug/l	86
70) Styrene	12.20	104	14081	2.090	ug/l	94
71) Bromoform	12.37	173	2577	2.182	ug/l #	95
73) Isopropylbenzene	12.48	105	22308	2.285	ug/l	94
74) N-amyl acetate	12.29	43	5004	2.381	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.73	83	4468	2.630	ug/l	89
76) 1,2,3-Trichloropropane	12.79	75	5528	5.683	ug/l #	100
77) Bromobenzene	12.76	156	6223	2.558	ug/l	95
78) n-propylbenzene	12.82	91	27396	2.391	ug/l	99
79) 2-Chlorotoluene	12.91	91	15877	2.513	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	18626	2.287	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.63	75	62223	113.199	ug/l #	12
82) 4-Chlorotoluene	13.01	91	16519	2.464	ug/l	99
83) tert-Butylbenzene	13.22	119	16092	2.220	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	18883	2.249	ug/l	100
85) sec-Butylbenzene	13.40	105	22749	2.324	ug/l	99
86) p-Isopropyltoluene	13.51	119	19412	2.096	ug/l	94
87) 1,3-Dichlorobenzene	13.52	146	11088	2.307	ug/l	91
88) 1,4-Dichlorobenzene	13.60	146	11923	2.515	ug/l	87
89) n-Butylbenzene	13.84	91	20688	2.399	ug/l	97
90) Hexachloroethane	14.11	117	3707	2.225	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	9837	2.375	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.51	75	487	Below Cal	#	56
93) 1,2,4-Trichlorobenzene	15.16	180	8043	2.517	ug/l	98

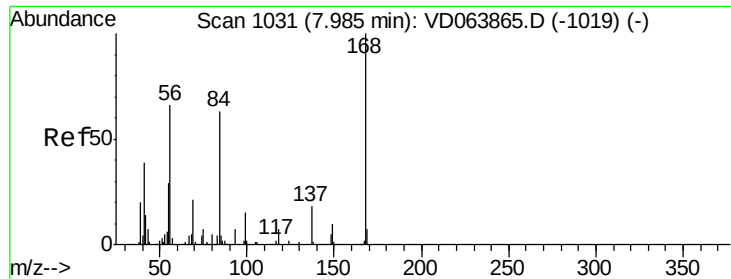
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100319\
Data File : VD063880.D
Acq On : 03 Oct 2019 17:21
Operator : VA/SY
Sample : MDL06
Misc : 5.00g/5.00mL/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MDL06

Quant Time: Oct 04 01:37:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 03 04:49:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.27	225	4532	2.570	ug/l	95
95) Naphthalene	15.40	128	12028	2.239	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.59	180	6138	2.226	ug/l	91

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

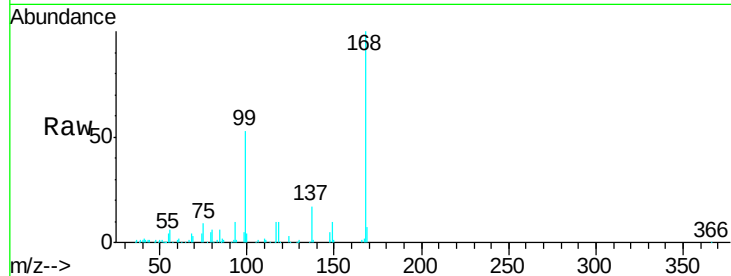
MDL06

Tgt Ion: 168 Resp: 182347

Ion Ratio Lower Upper

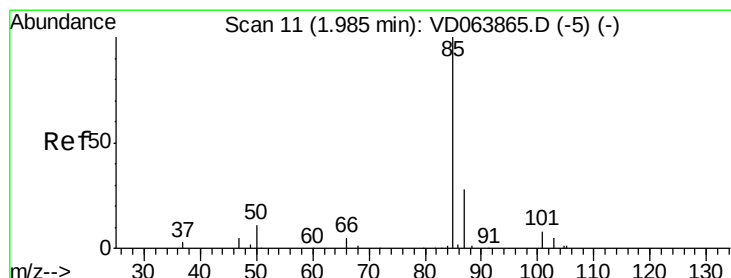
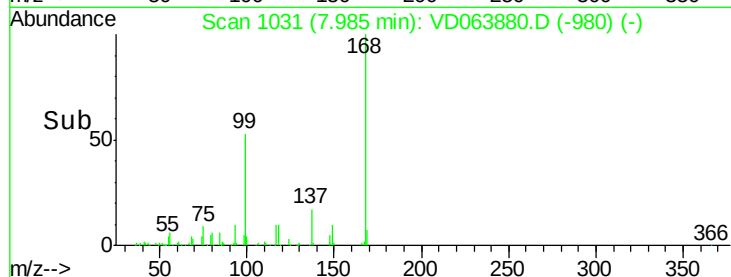
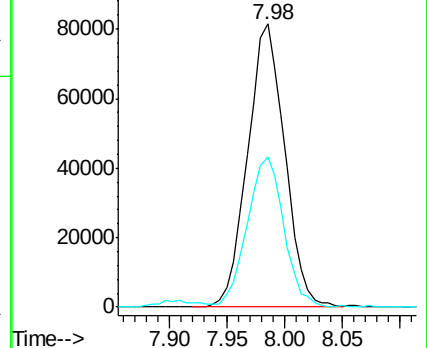
168 100

99 52.6 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 2.329 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD063880.D

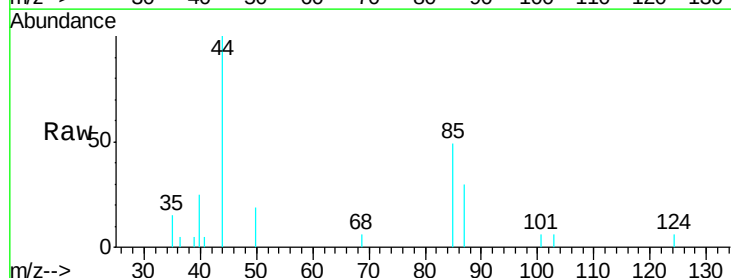
Acq: 03 Oct 2019 17:21

Tgt Ion: 85 Resp: 3012

Ion Ratio Lower Upper

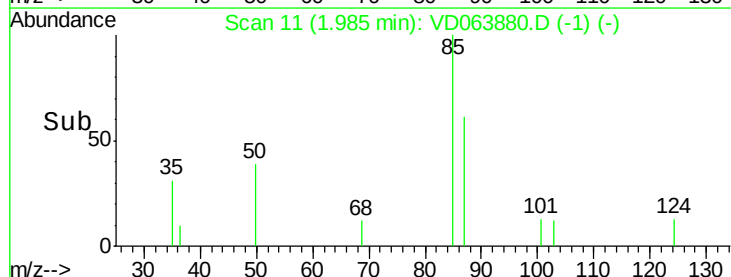
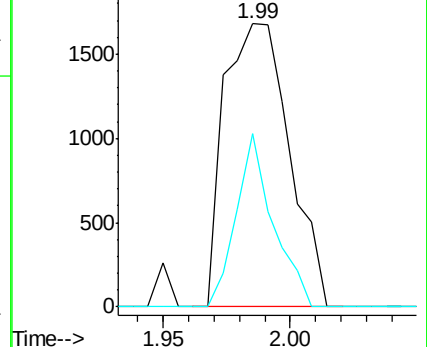
85 100

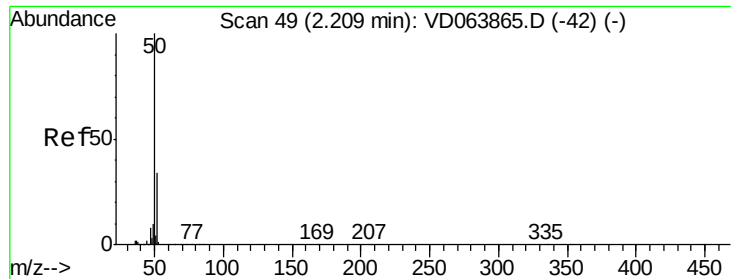
87 61.4 14.0 42.0#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: Below Cal

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

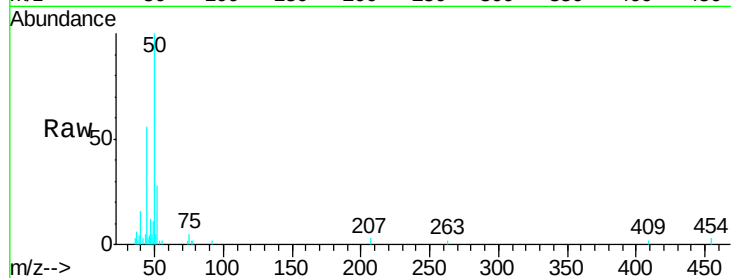
MDL06

Tgt Ion: 50 Resp: 11264

Ion Ratio Lower Upper

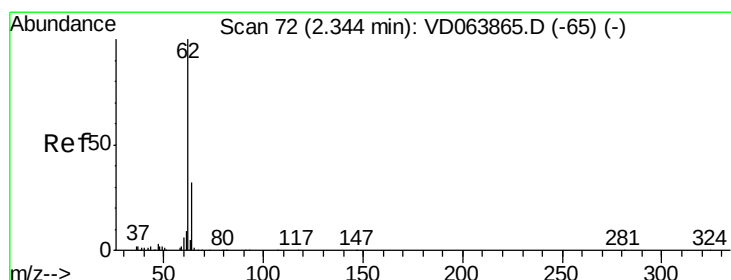
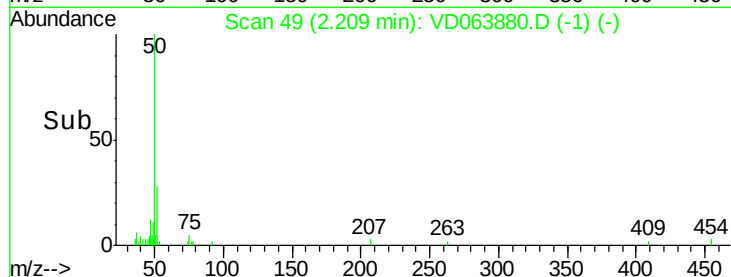
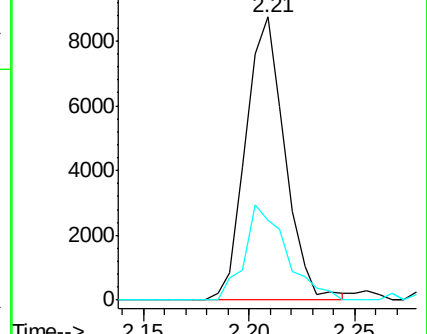
50 100

52 28.1 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 2.867 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VD063880.D

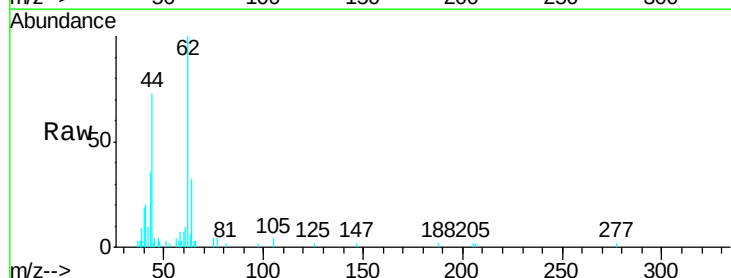
Acq: 03 Oct 2019 17:21

Tgt Ion: 62 Resp: 11984

Ion Ratio Lower Upper

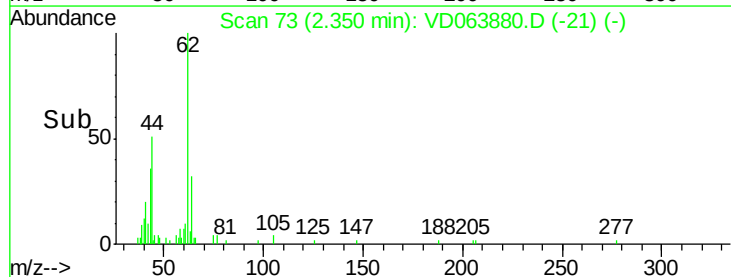
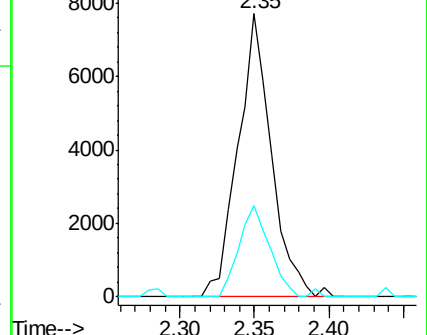
62 100

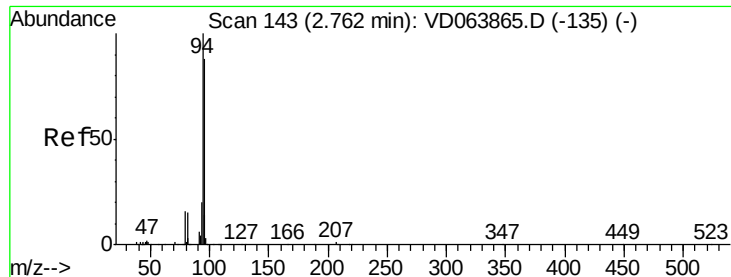
64 32.1 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 2.911 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

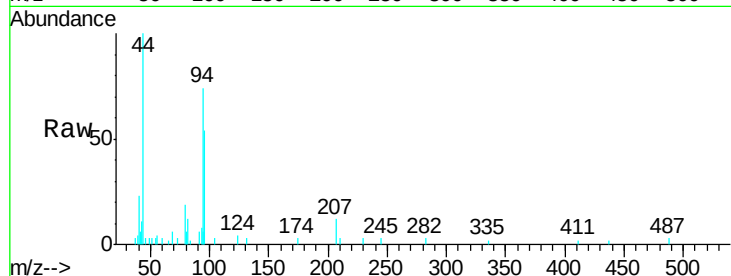
MDL06

Tgt Ion: 94 Resp: 7821

Ion Ratio Lower Upper

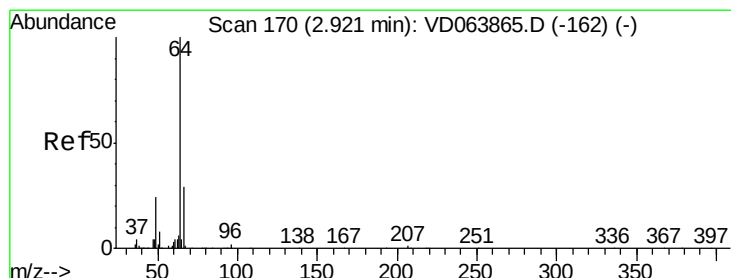
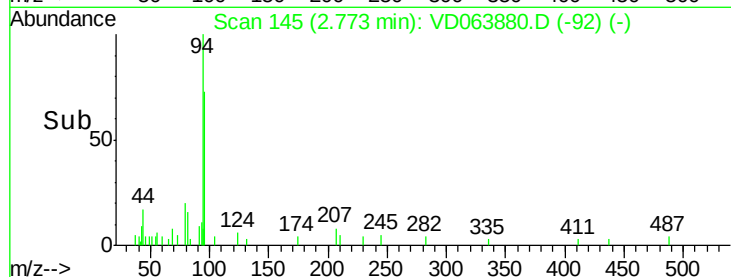
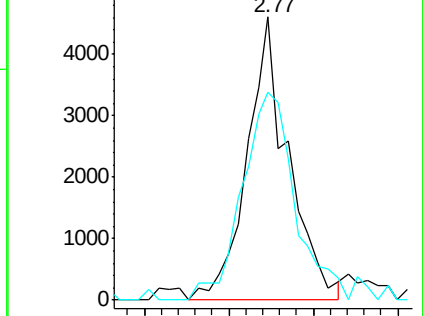
94 100

96 73.5 70.8 106.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 2.738 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD063880.D

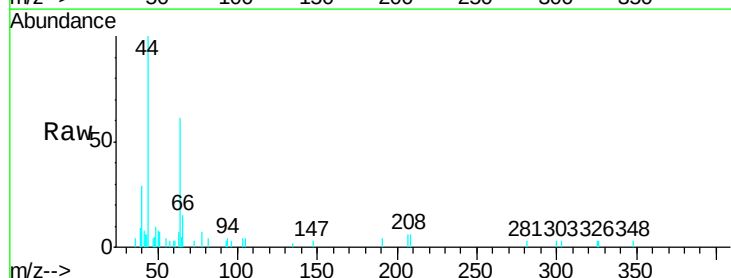
Acq: 03 Oct 2019 17:21

Tgt Ion: 64 Resp: 7568

Ion Ratio Lower Upper

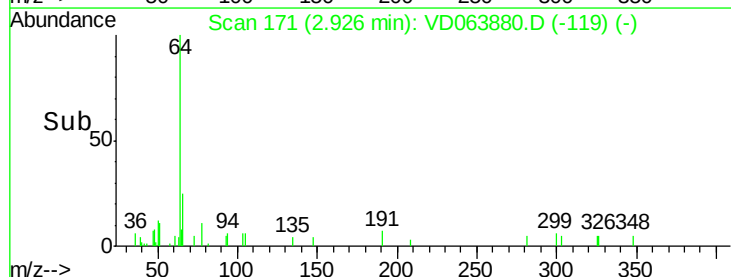
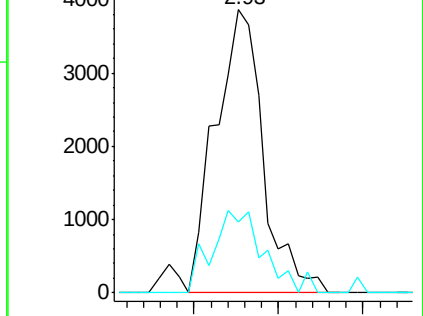
64 100

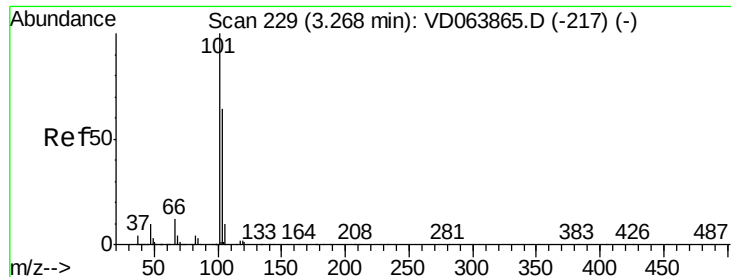
66 25.2 23.0 34.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



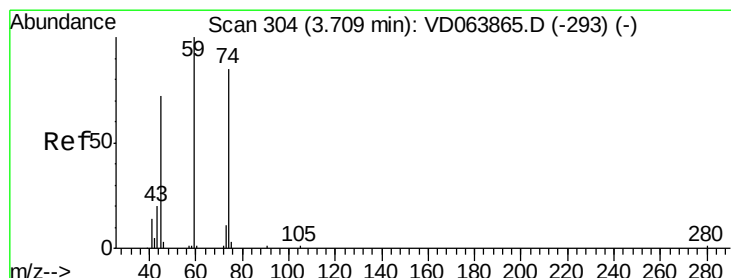
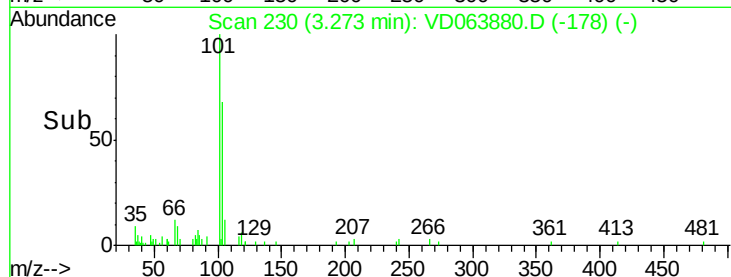
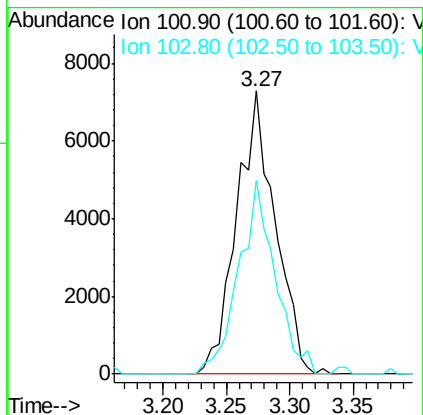
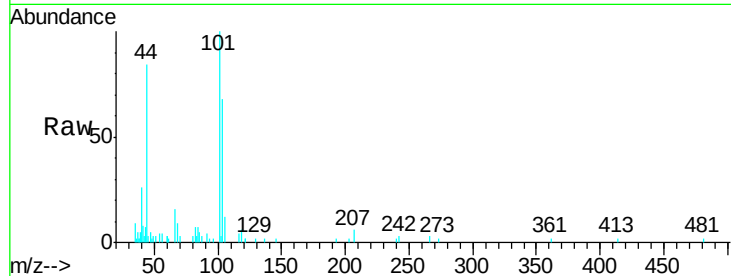


#7

Trichlorofluoromethane
 Concen: 2.782 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.01 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL06

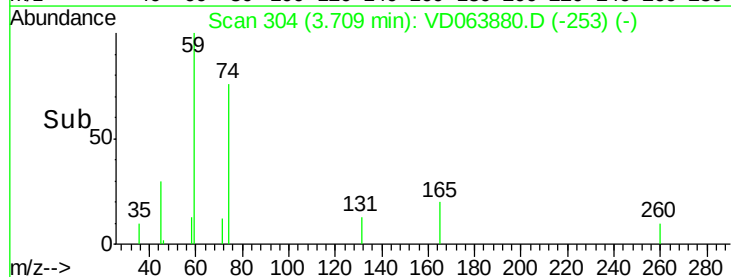
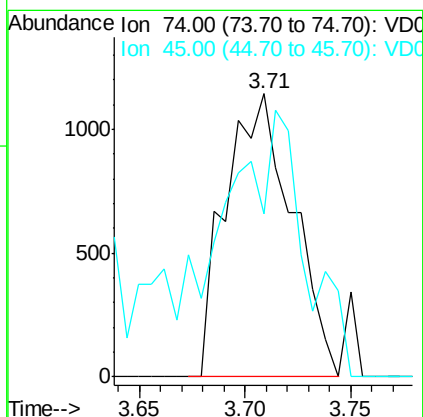
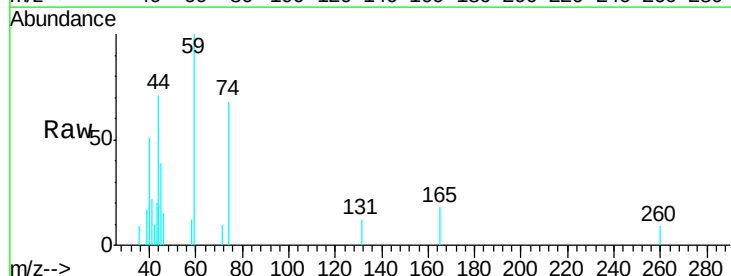
Tgt Ion: 101 Resp: 15371
 Ion Ratio Lower Upper
 101 100
 103 68.5 51.1 76.7

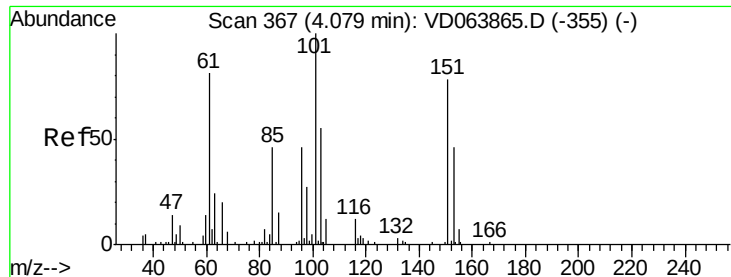


#8

Diethyl Ether
 Concen: 2.833 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

Tgt Ion: 74 Resp: 2513
 Ion Ratio Lower Upper
 74 100
 45 112.7 48.1 144.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.686 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.01 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

MDL06

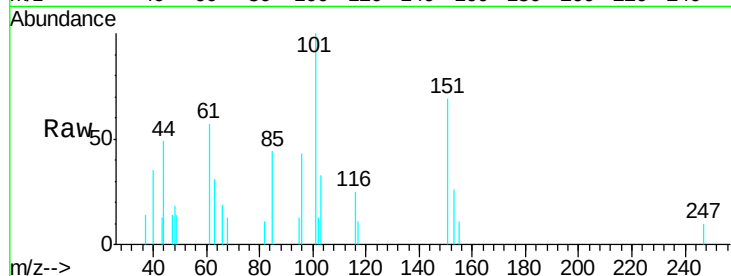
Tgt Ion:101 Resp: 4109

Ion Ratio Lower Upper

101 100

85 42.8 37.5 56.3

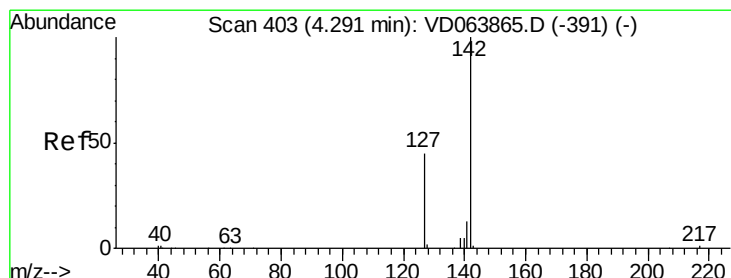
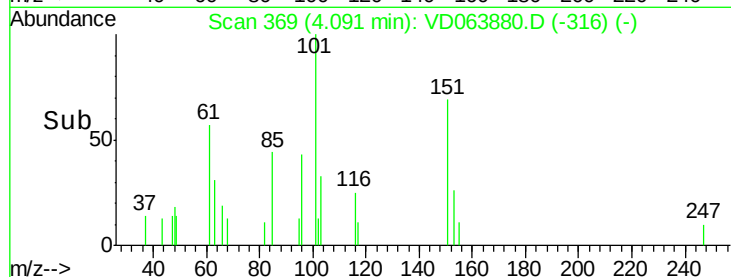
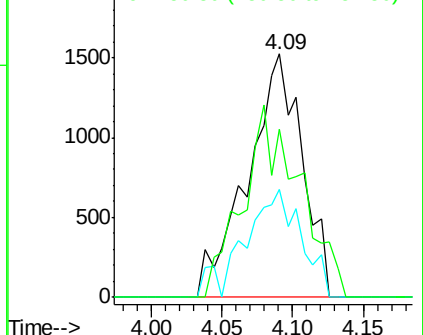
151 82.4 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 2.473 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

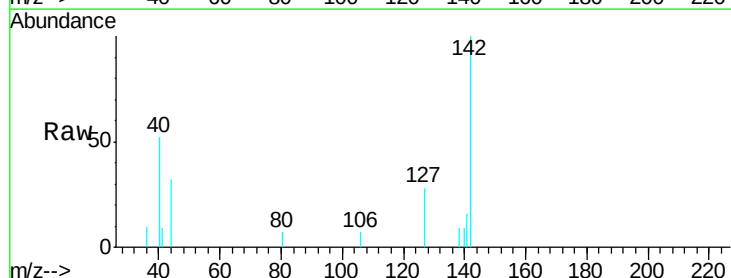
Tgt Ion:142 Resp: 5213

Ion Ratio Lower Upper

142 100

127 45.3 35.3 52.9

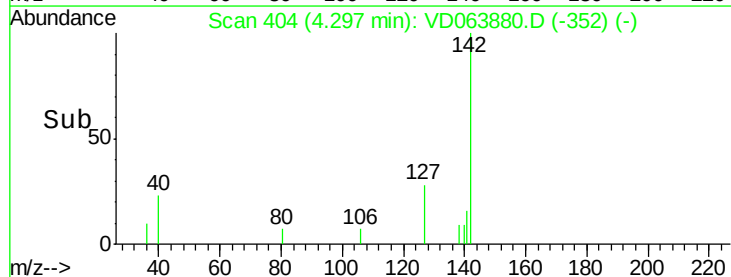
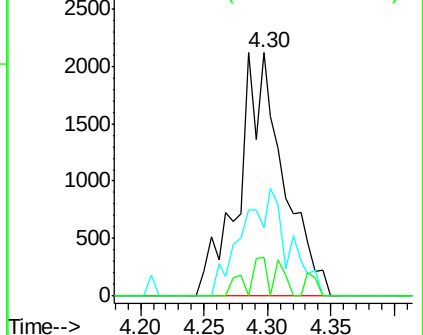
141 6.9 12.2 18.2#

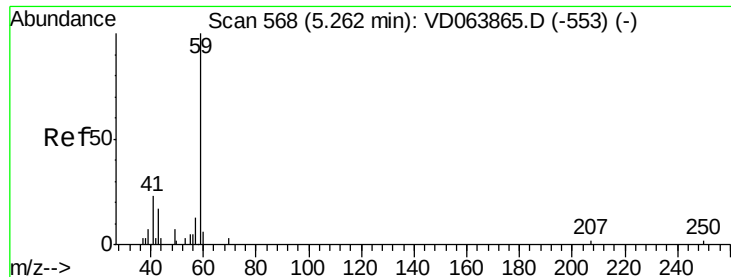


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



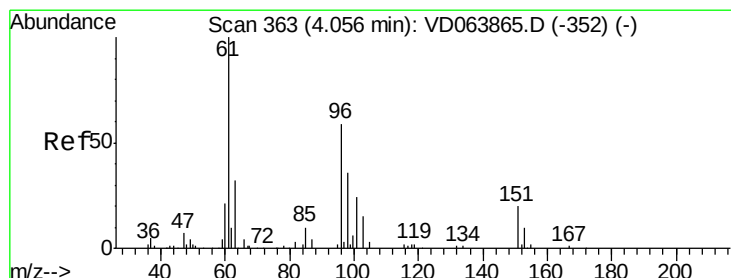
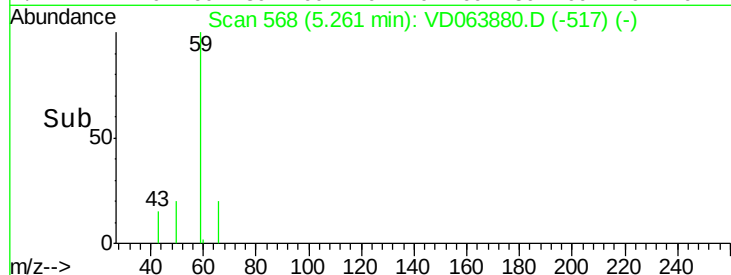
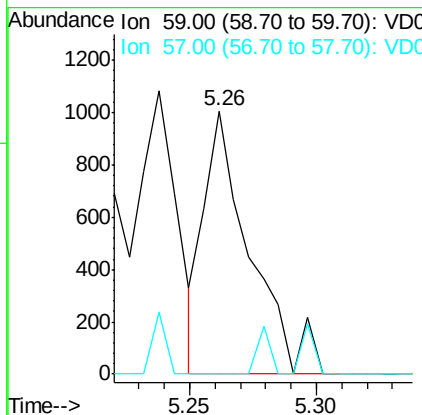
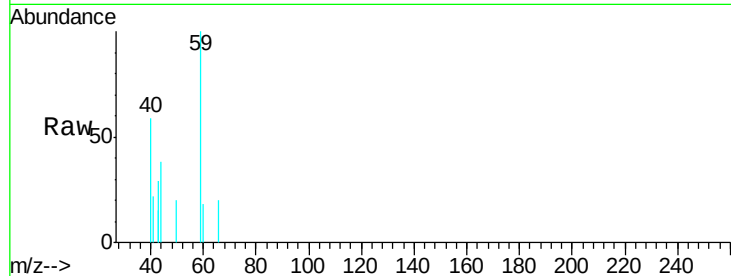


#11

Tert butyl alcohol
 Concen: 2.344 ug/l
 RT: 5.26 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

Instrument :
 MSVOA_D
 ClientSampled :
 MDL06

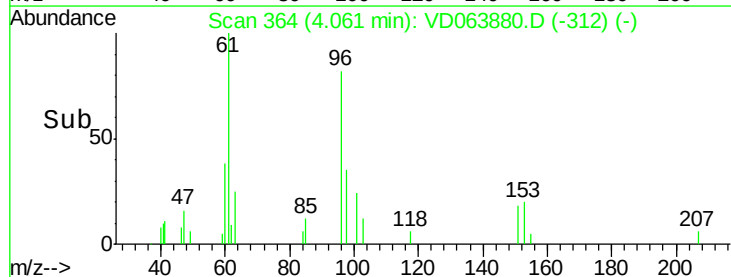
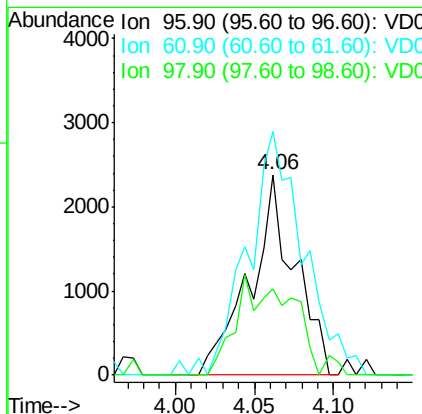
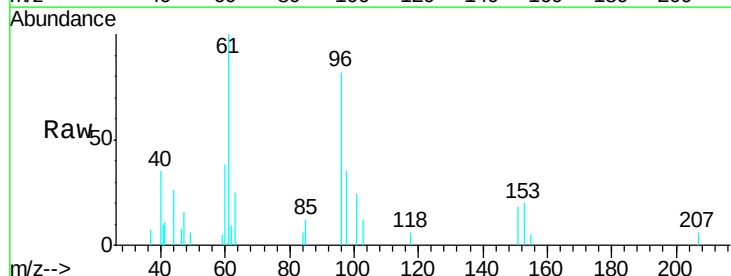
Tgt Ion: 59 Resp: 1269
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.8 13.2#

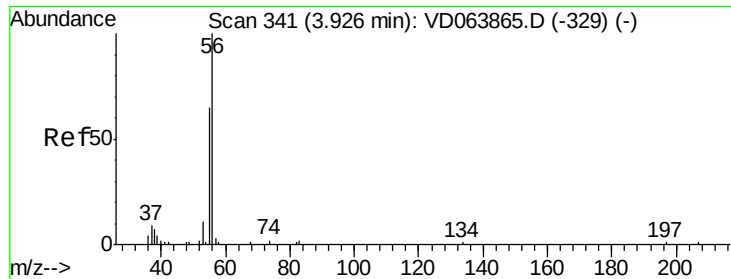


#12

1,1-Dichloroethene
 Concen: 3.075 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

Tgt Ion: 96 Resp: 4699
 Ion Ratio Lower Upper
 96 100
 61 121.3 135.6 203.4#
 98 42.7 49.2 73.8#





#13

Acrolein

Concen: 7.455 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

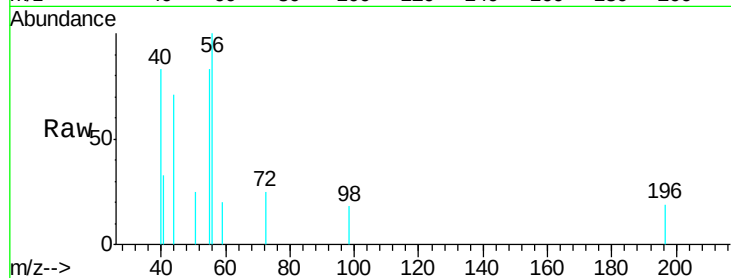
MDL06

Tgt Ion: 56 Resp: 1182

Ion Ratio Lower Upper

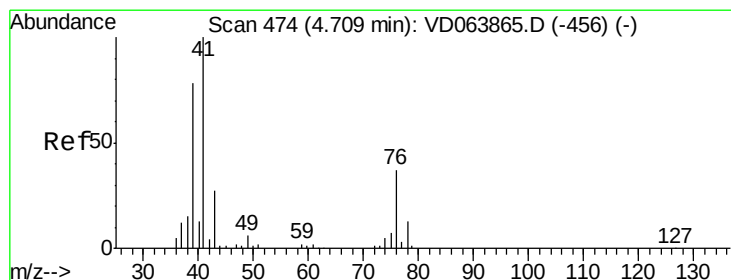
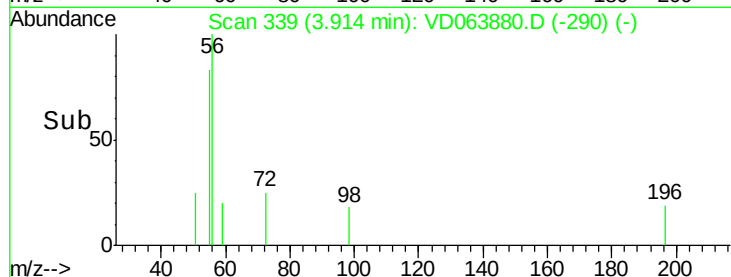
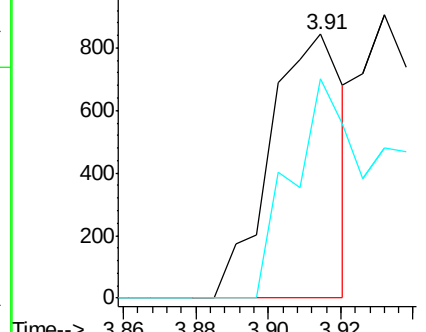
56 100

55 71.7 53.0 79.6



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 3.128 ug/l

RT: 4.70 min Scan# 472

Delta R.T. -0.01 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

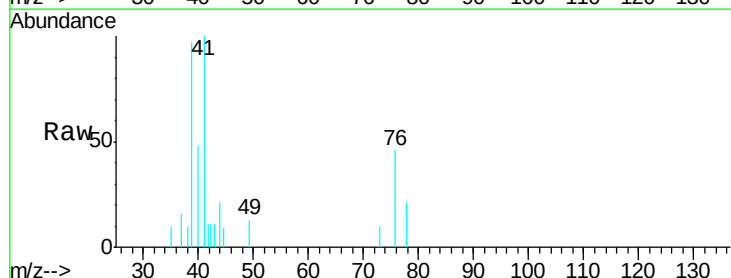
Tgt Ion: 41 Resp: 7948

Ion Ratio Lower Upper

41 100

39 78.4 61.8 92.6

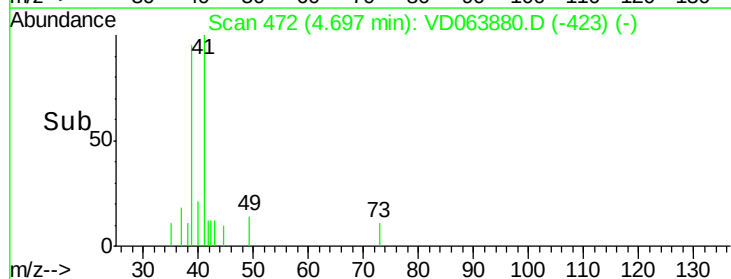
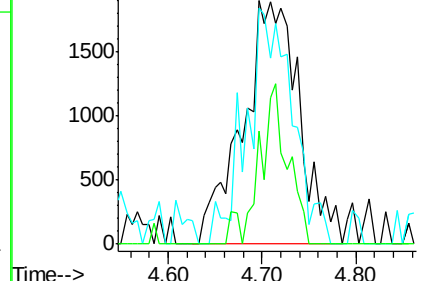
76 30.8 31.3 46.9#

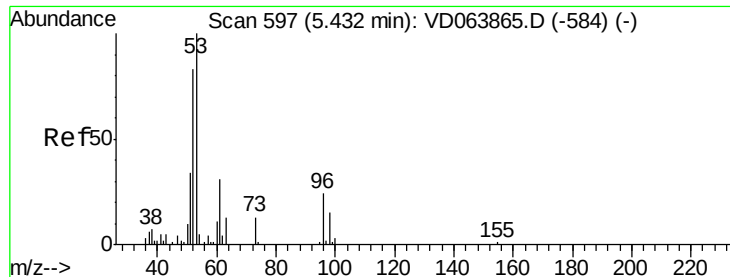


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 13.528 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

MDL06

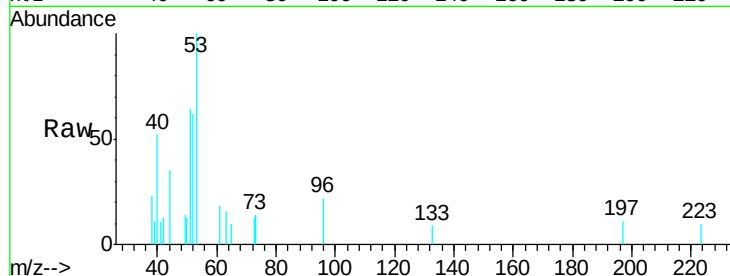
Tgt Ion: 53 Resp: 5290

Ion Ratio Lower Upper

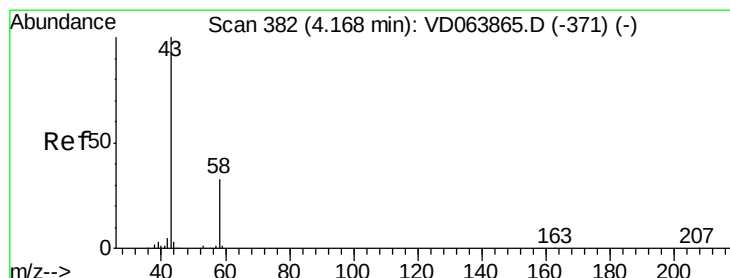
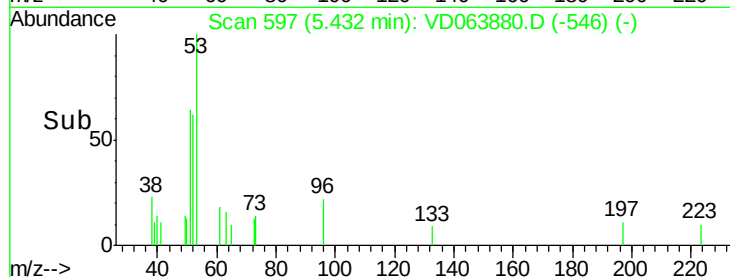
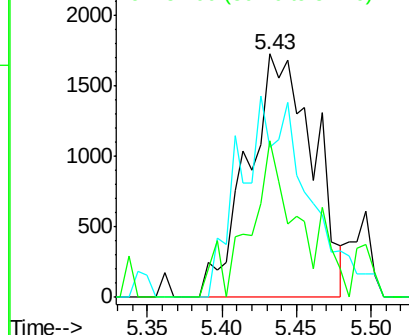
53 100

52 86.0 67.3 100.9

51 38.5 30.5 45.7



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 19.249 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD063880.D

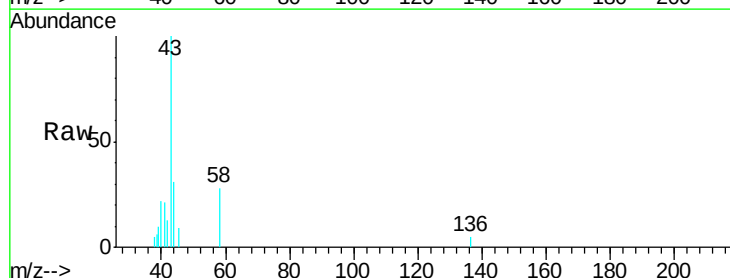
Acq: 03 Oct 2019 17:21

Tgt Ion: 43 Resp: 8897

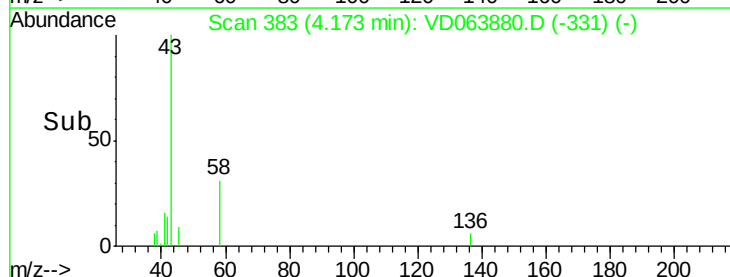
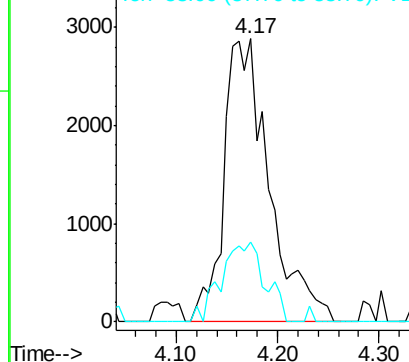
Ion Ratio Lower Upper

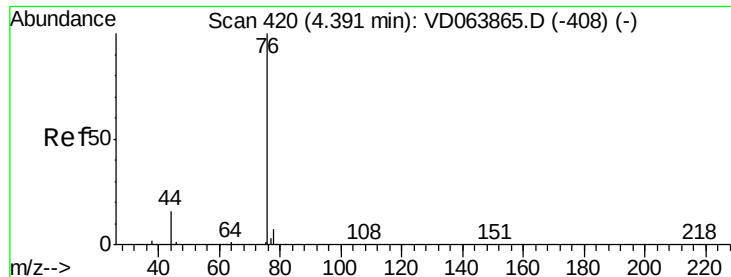
43 100

58 28.2 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 2.378 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

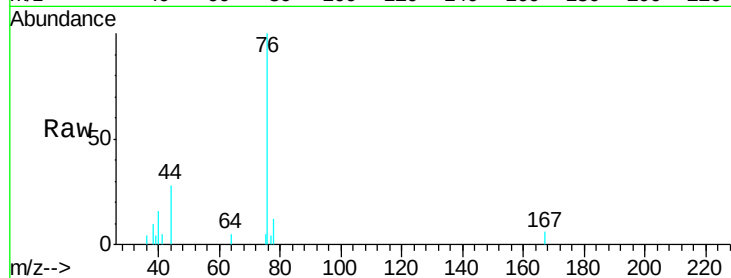
MDL06

Tgt Ion: 76 Resp: 13210

Ion Ratio Lower Upper

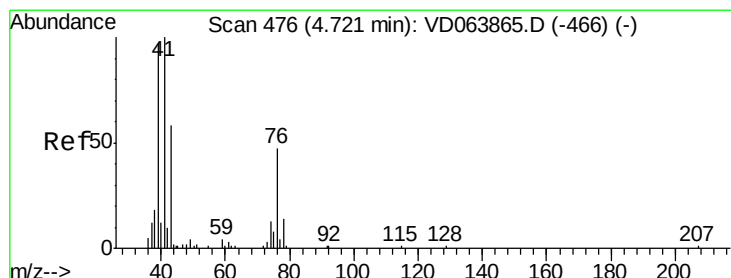
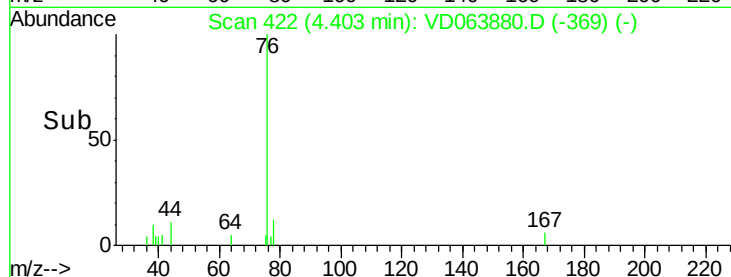
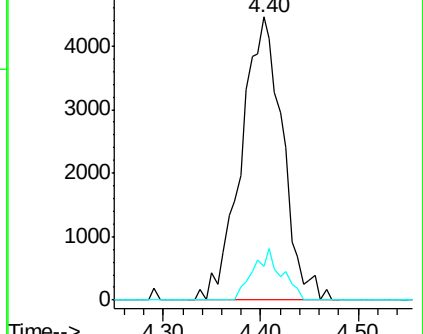
76 100

78 12.0 5.8 8.8#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 3.146 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.00 min

Lab File: VD063880.D

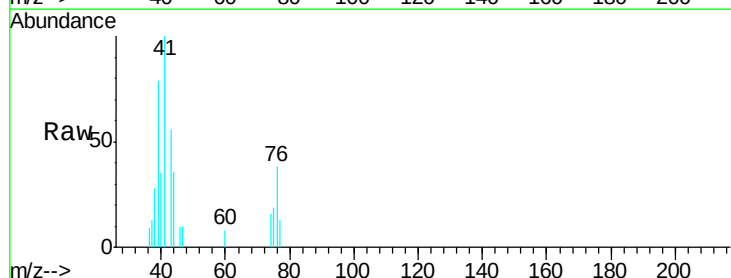
Acq: 03 Oct 2019 17:21

Tgt Ion: 43 Resp: 2844

Ion Ratio Lower Upper

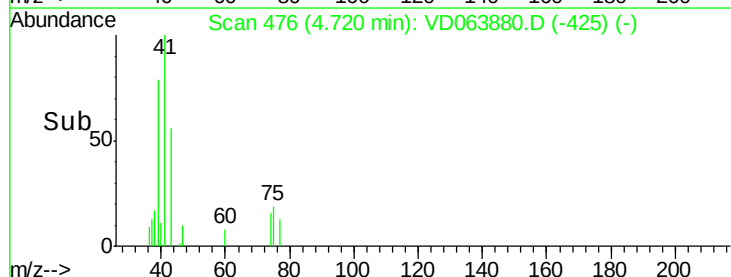
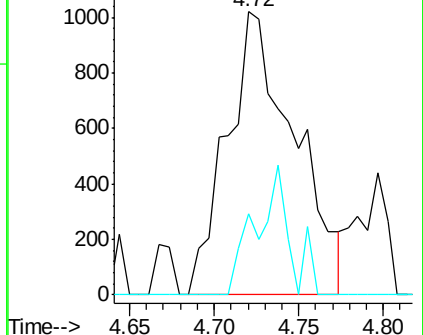
43 100

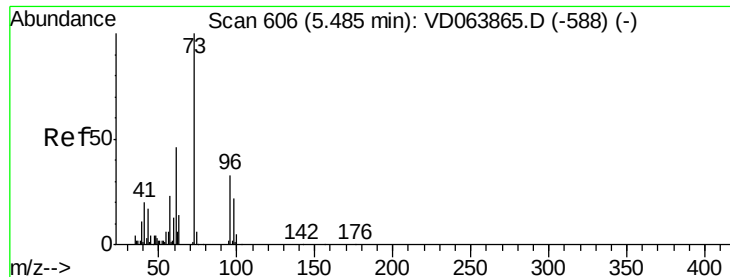
74 19.8 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

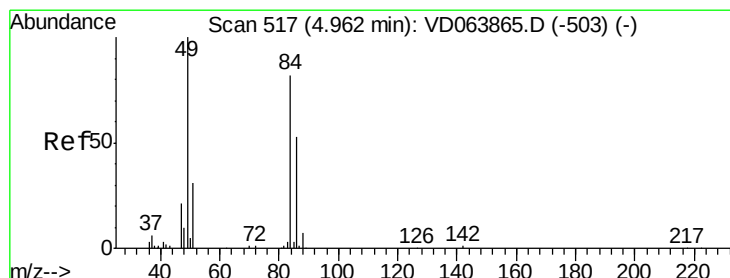
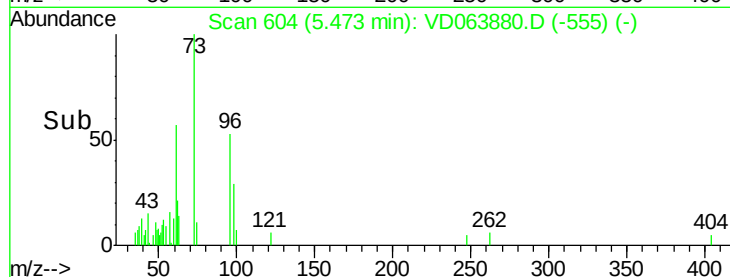
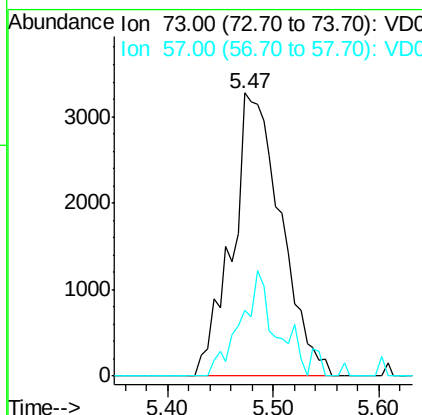
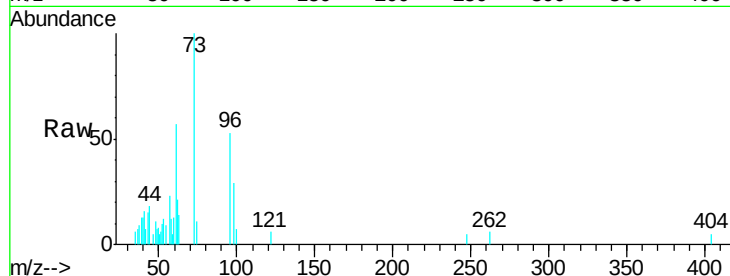




#19
Methyl tert-butyl Ether
Concen: 2.653 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD063880.D
Acq: 03 Oct 2019 17:21

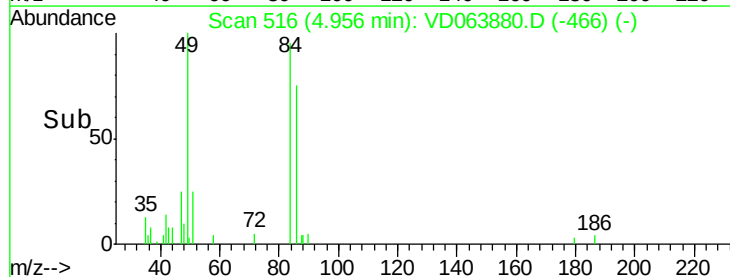
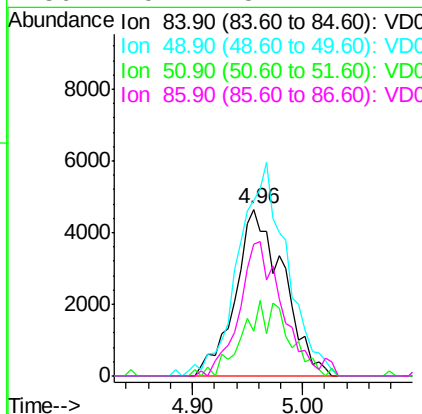
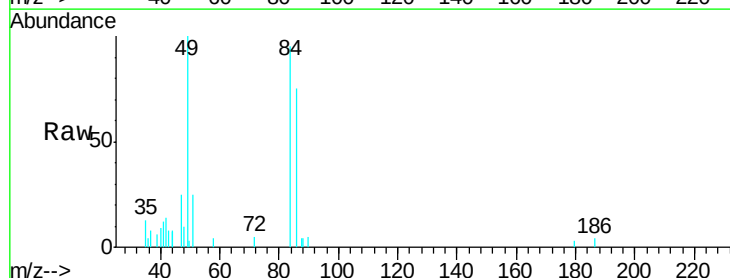
Instrument :
MSVOA_D
ClientSampleId :
MDL06

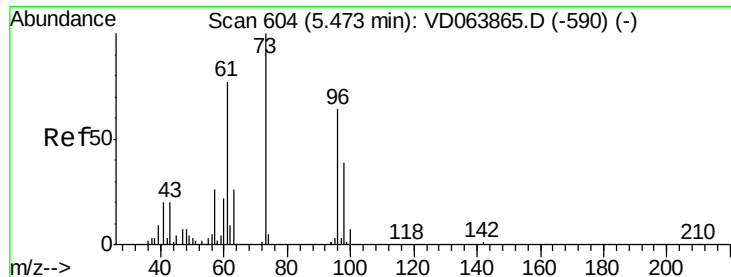
Tgt Ion: 73 Resp: 10499
Ion Ratio Lower Upper
73 100
57 23.2 18.1 27.1



#20
Methylene Chloride
Concen: 4.151 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD063880.D
Acq: 03 Oct 2019 17:21

Tgt Ion: 84 Resp: 14173
Ion Ratio Lower Upper
84 100
49 105.6 97.3 145.9
51 26.9 30.1 45.1#
86 79.1 51.4 77.2#





#21

trans-1,2-Dichloroethene

Concen: 2.827 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

MDL06

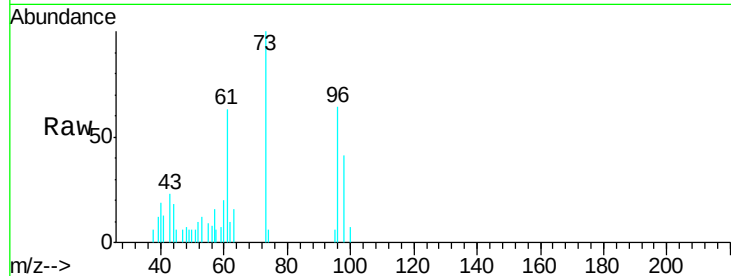
Tgt Ion: 96 Resp: 5379

Ion Ratio Lower Upper

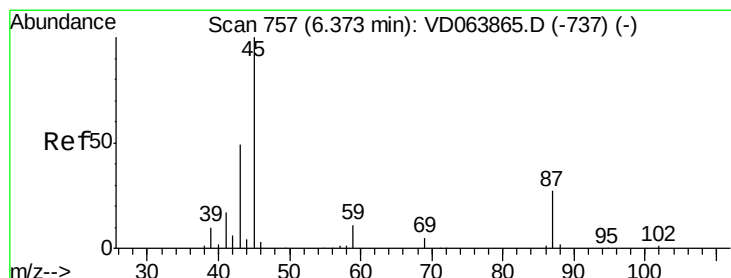
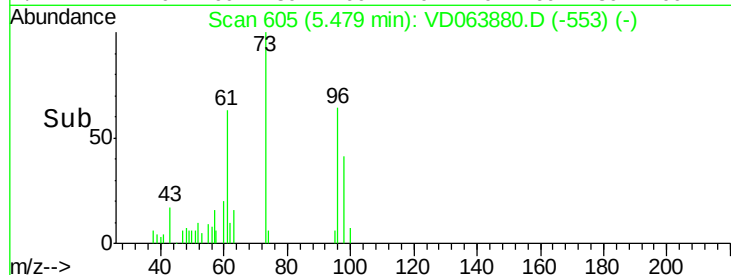
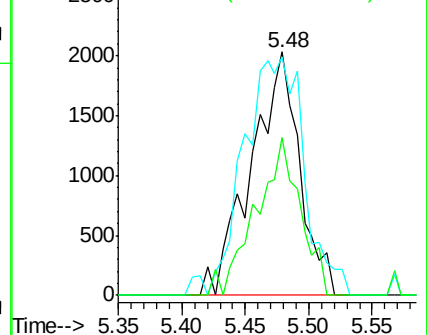
96 100

61 90.2 96.6 145.0#

98 64.7 48.7 73.1



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



#22

Diisopropyl ether

Concen: 2.746 ug/l

RT: 6.37 min Scan# 757

Delta R.T. -0.00 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Tgt Ion: 45 Resp: 14247

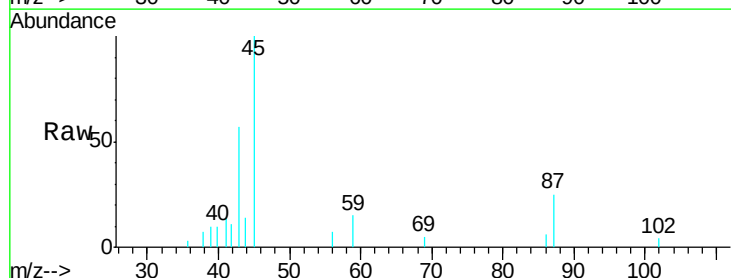
Ion Ratio Lower Upper

45 100

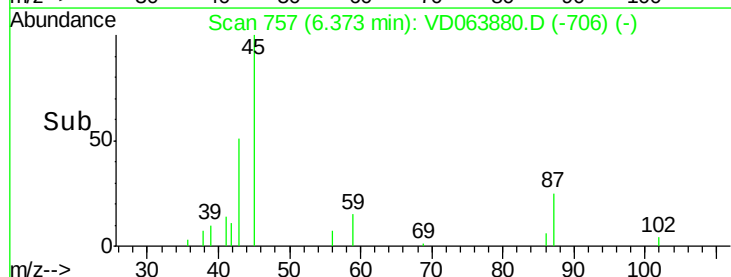
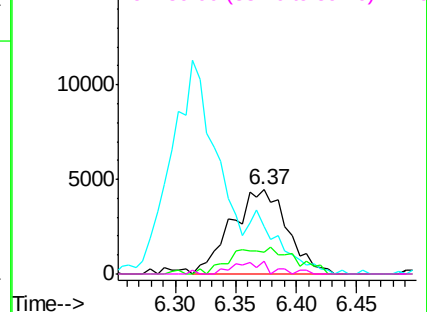
43 52.1 41.2 61.8

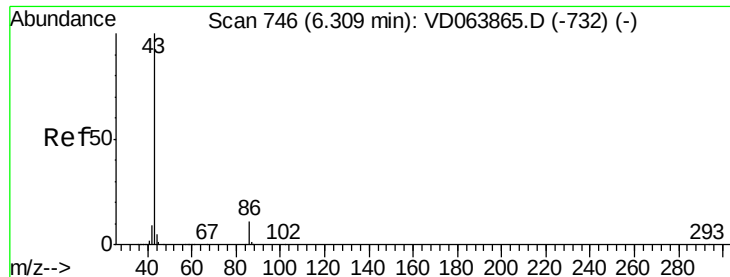
87 25.4 22.2 33.4

59 14.8 9.2 13.8#



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 9.890 ug/l

RT: 6.31 min Scan# 747

Delta R.T. 0.01 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Instrument :

MSVOA_D

ClientSampled :

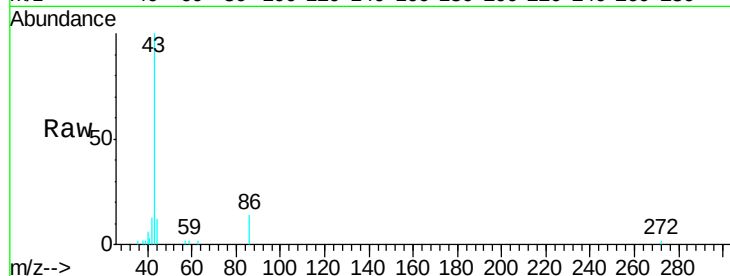
MDL06

Tgt Ion: 43 Resp: 30530

Ion Ratio Lower Upper

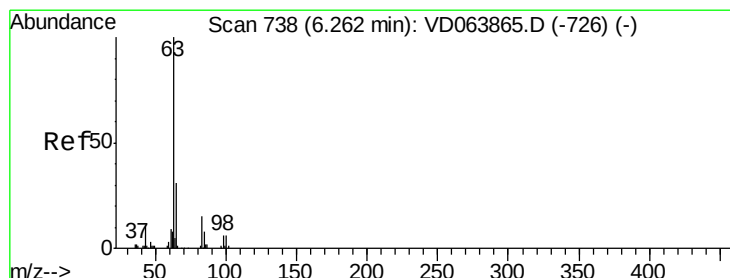
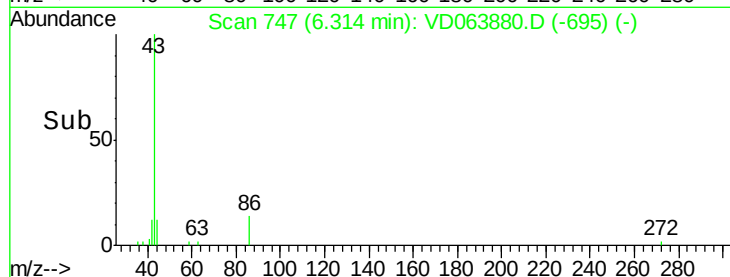
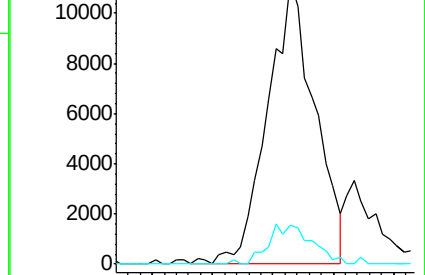
43 100

86 13.6 8.8 13.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 2.621 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

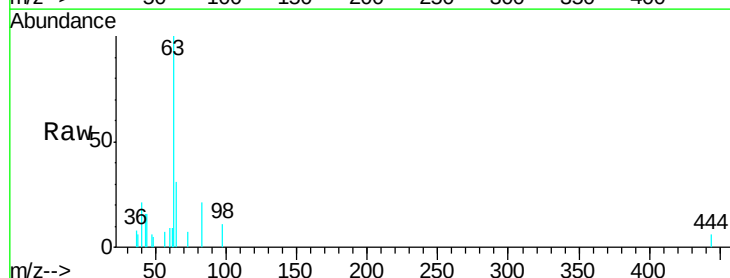
Tgt Ion: 63 Resp: 8377

Ion Ratio Lower Upper

63 100

98 10.9 3.1 9.4#

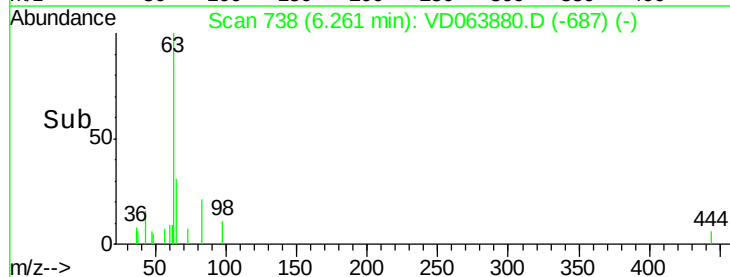
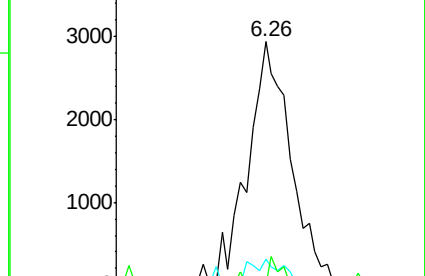
100 0.0 3.0 9.2#

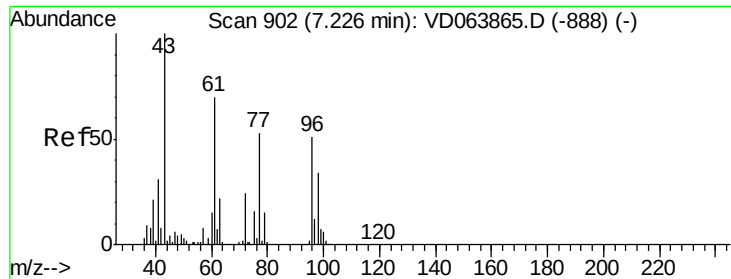


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 15.728 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

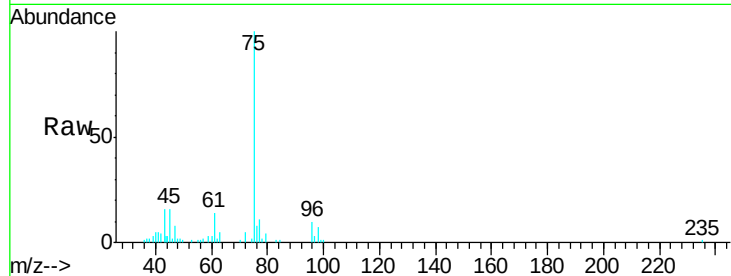
MDL06

Tgt Ion: 43 Resp: 8615

Ion Ratio Lower Upper

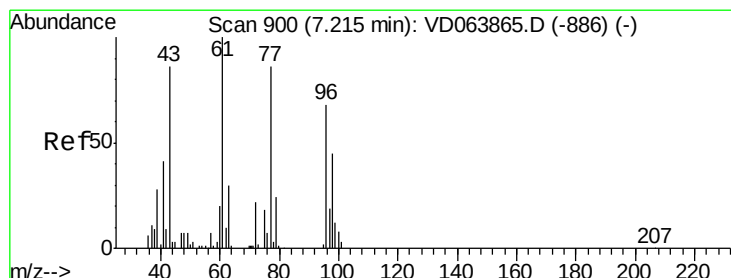
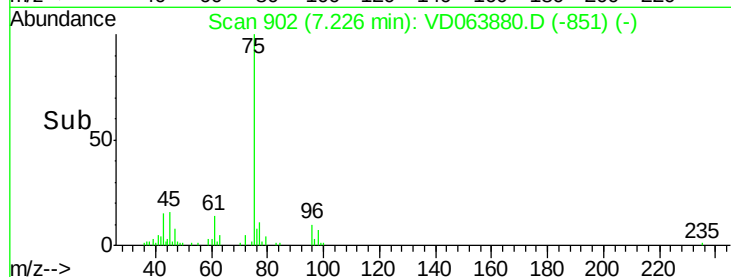
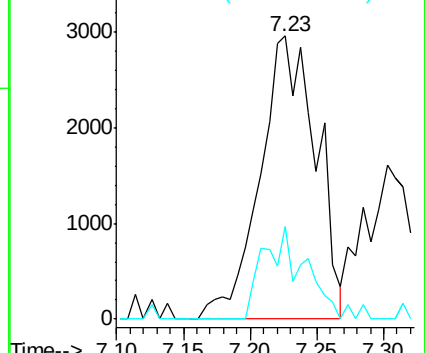
43 100

72 27.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 3.230 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD063880.D

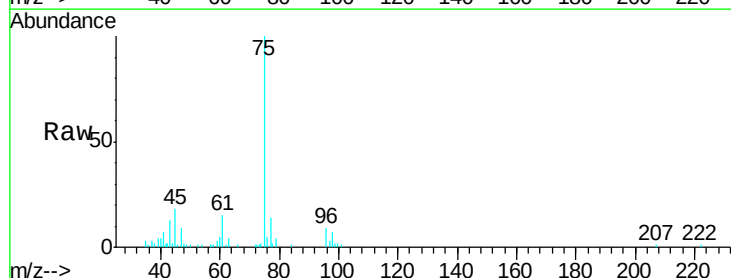
Acq: 03 Oct 2019 17:21

Tgt Ion: 77 Resp: 9340

Ion Ratio Lower Upper

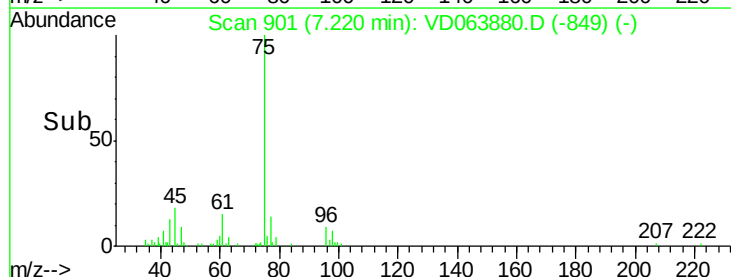
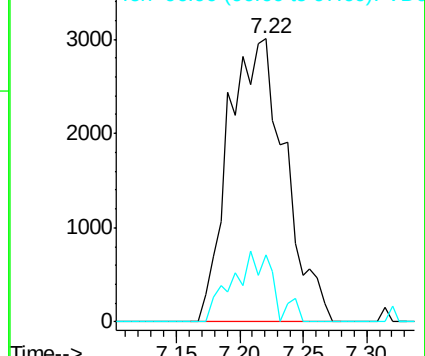
77 100

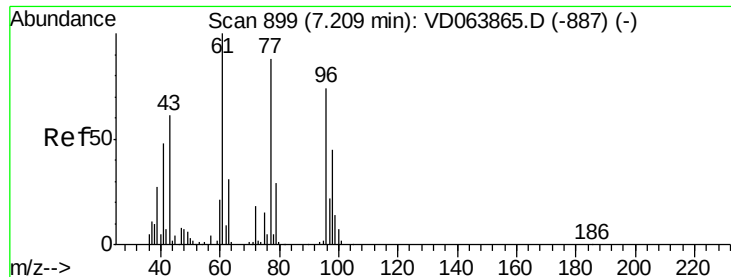
97 18.2 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

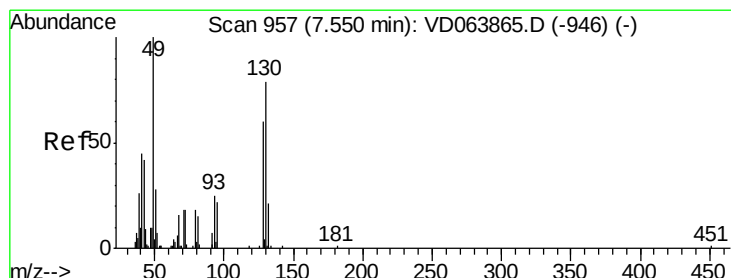
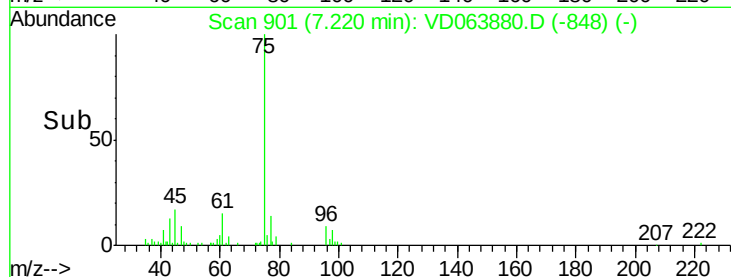
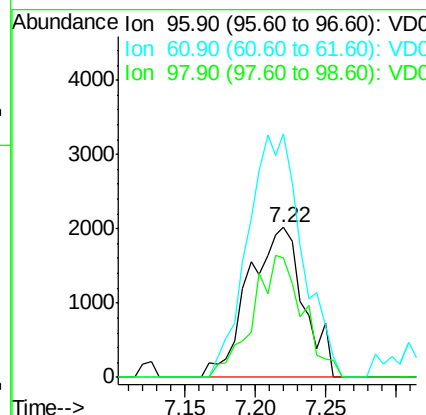
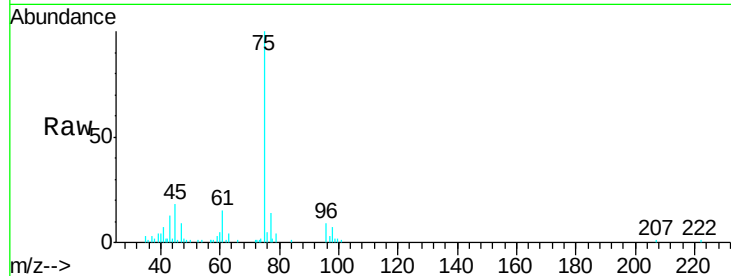




#27
 cis-1,2-Dichloroethene
 Concen: 2.562 ug/l
 RT: 7.22 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

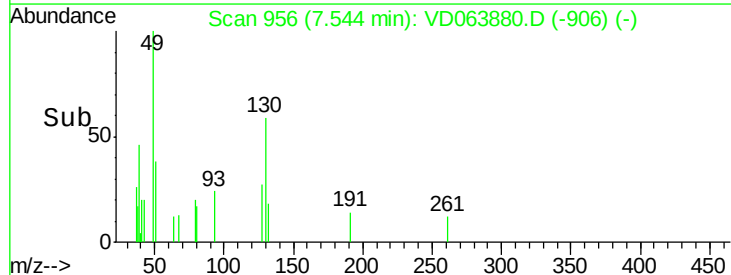
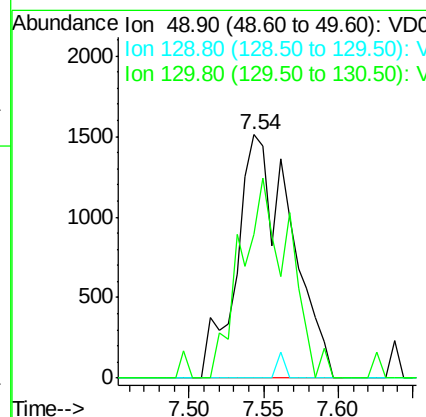
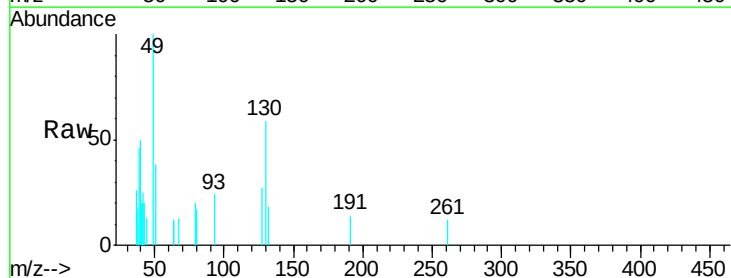
Instrument :
 MSVOA_D
 ClientSampled :
 MDL06

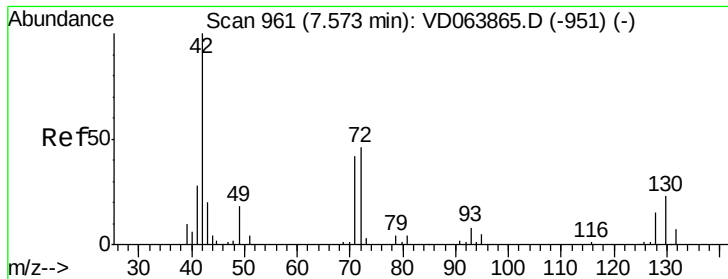
Tgt Ion: 96 Resp: 5516
 Ion Ratio Lower Upper
 96 100
 61 160.7 0.0 280.0
 98 73.6 0.0 130.4



#28
 Bromochloromethane
 Concen: 4.902 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

Tgt Ion: 49 Resp: 3834
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 5.6
 130 72.1 66.8 100.2

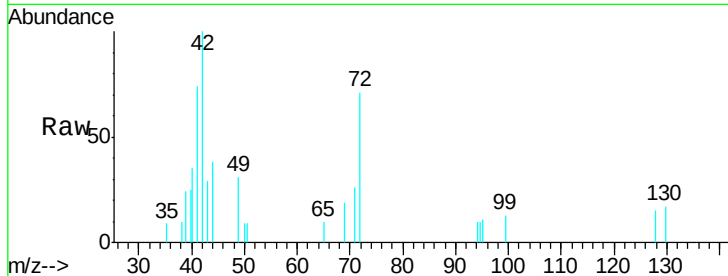




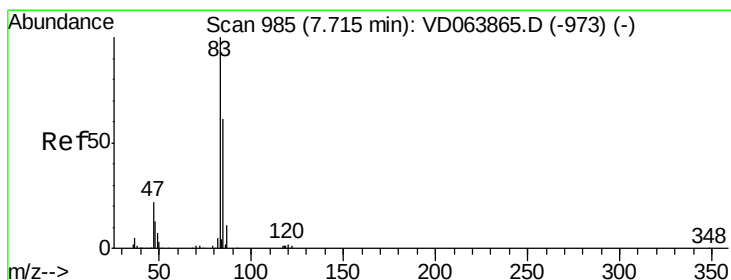
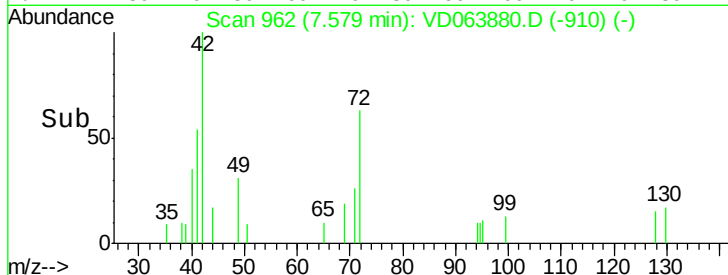
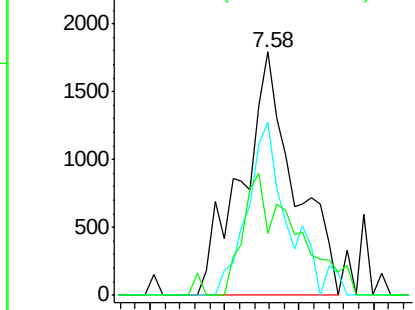
#29
Tetrahydrofuran
Concen: 13.687 ug/l
RT: 7.58 min Scan# 962
Delta R.T. 0.01 min
Lab File: VD063880.D
Acq: 03 Oct 2019 17:21

Instrument :
MSVOA_D
ClientSampleId :
MDL06

Tgt Ion: 42 Resp: 4376
Ion Ratio Lower Upper
42 100
72 55.6 37.6 56.4
71 50.1 35.0 52.6

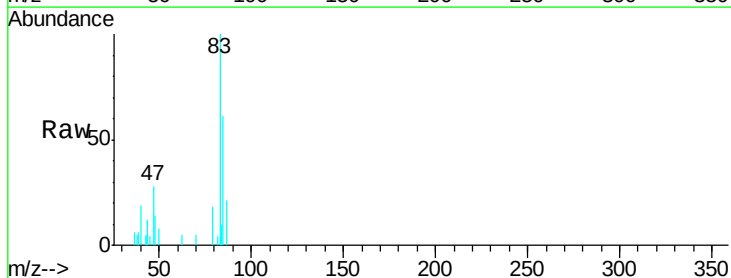


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

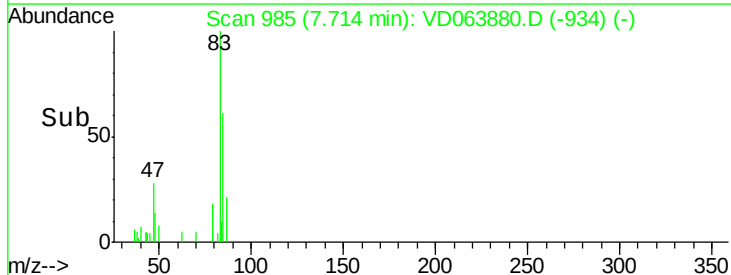
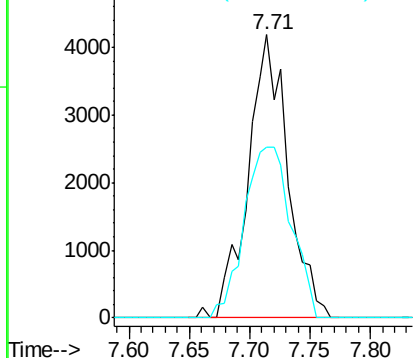


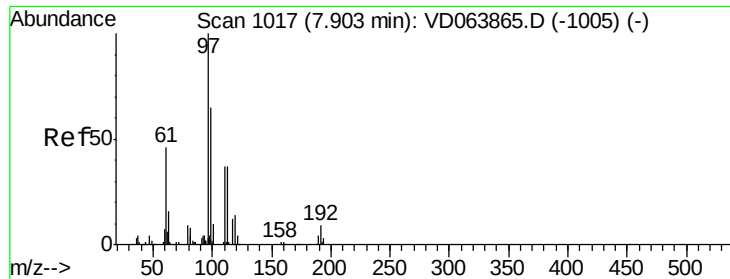
#30
Chloroform
Concen: 2.745 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD063880.D
Acq: 03 Oct 2019 17:21

Tgt Ion: 83 Resp: 9531
Ion Ratio Lower Upper
83 100
85 60.5 48.9 73.3



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





#32

1,1,1-Trichloroethane

Concen: 2.486 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

MDL06

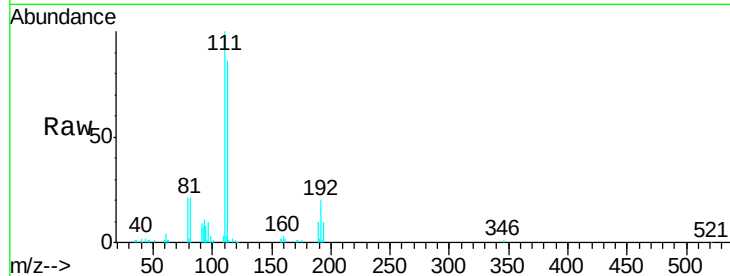
Tgt Ion: 97 Resp: 7403

Ion Ratio Lower Upper

97 100

99 63.7 52.4 78.6

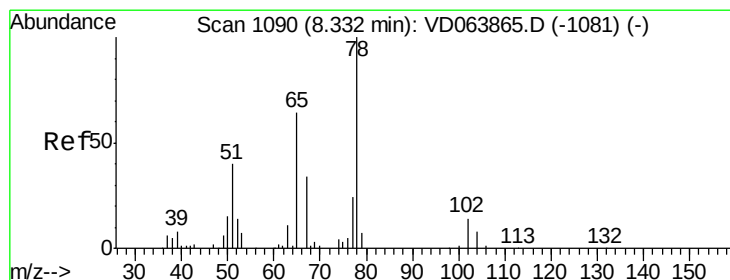
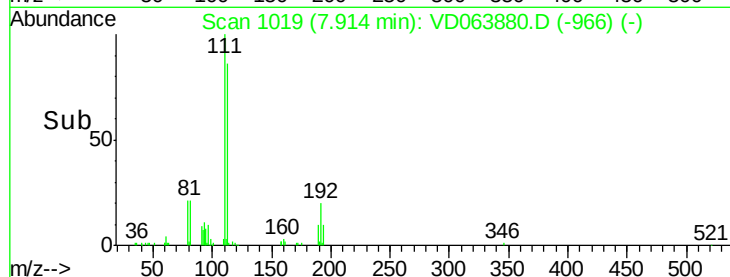
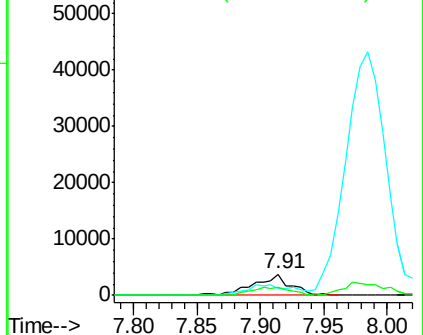
61 42.3 33.8 50.8



Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 98.90 (98.60 to 99.60): VDC

Ion 60.90 (60.60 to 61.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 50.220 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063880.D

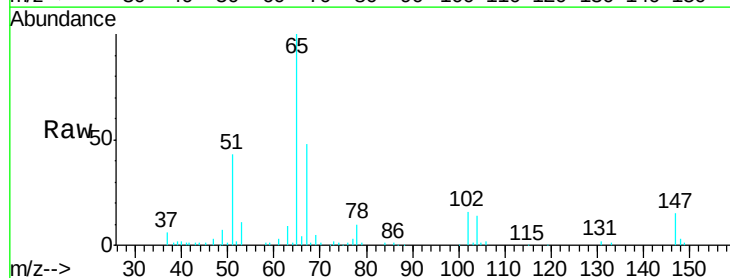
Acq: 03 Oct 2019 17:21

Tgt Ion: 65 Resp: 89155

Ion Ratio Lower Upper

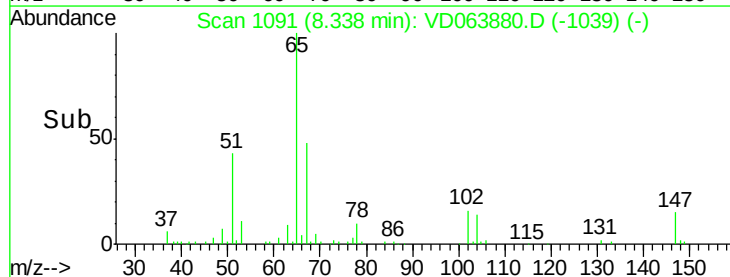
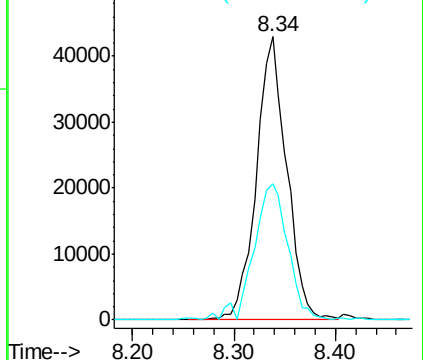
65 100

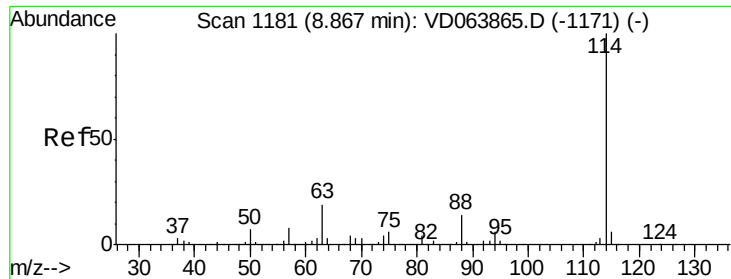
67 53.8 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

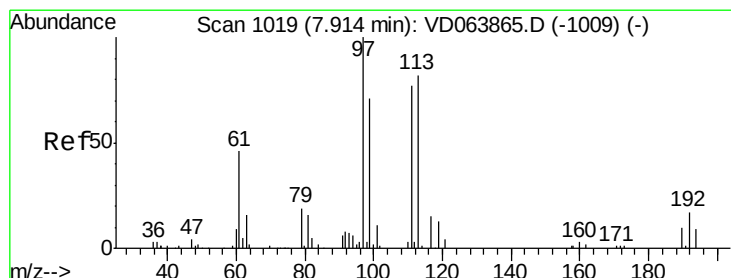
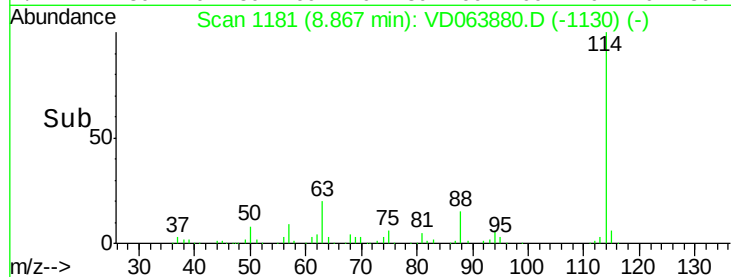
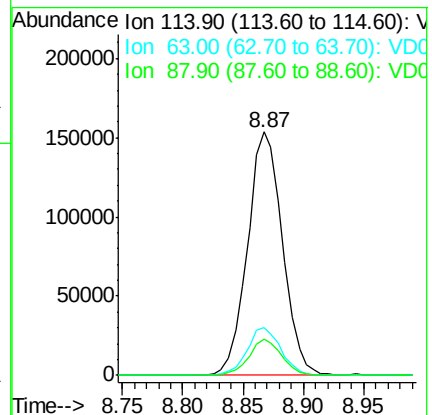
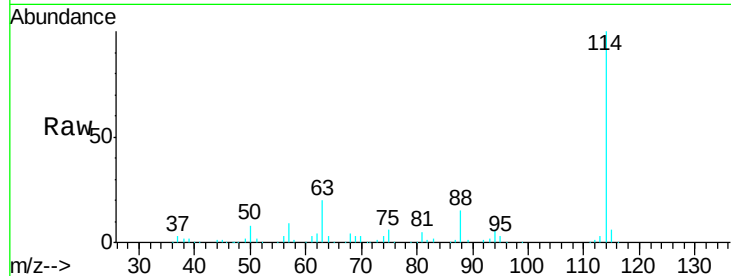




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

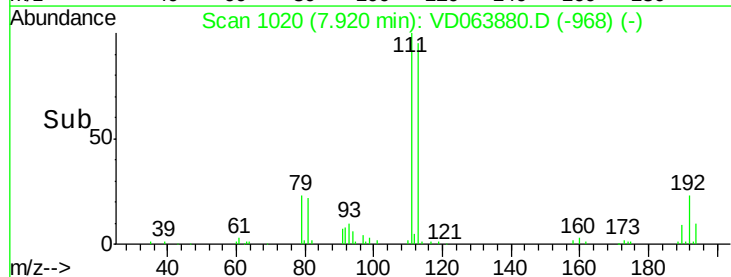
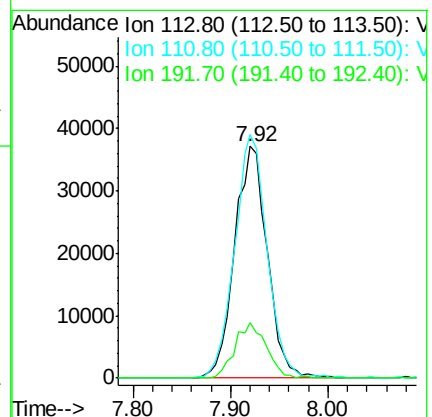
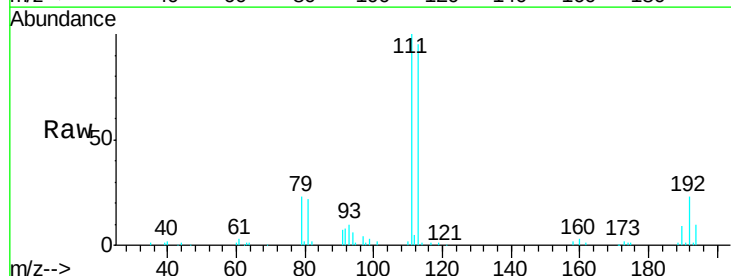
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL06

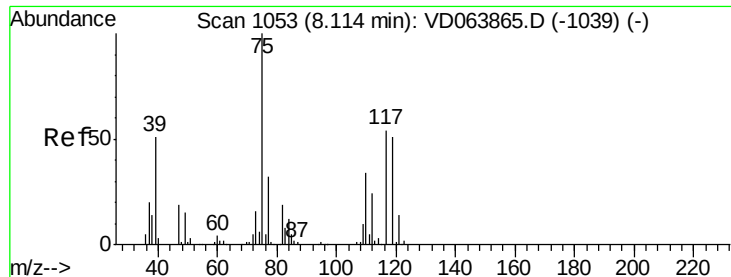
Tgt Ion:114 Resp: 309879
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.4
 88 15.0 0.0 27.4



#35
 Dibromofluoromethane
 Concen: 45.634 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

Tgt Ion:113 Resp: 86420
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.6 123.8
 192 23.2 17.1 25.7

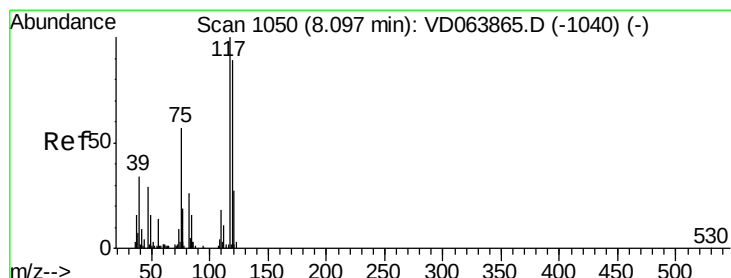
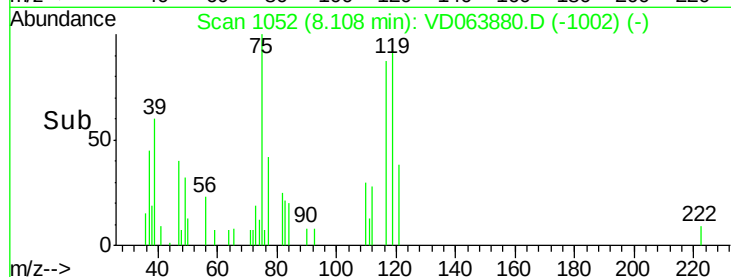
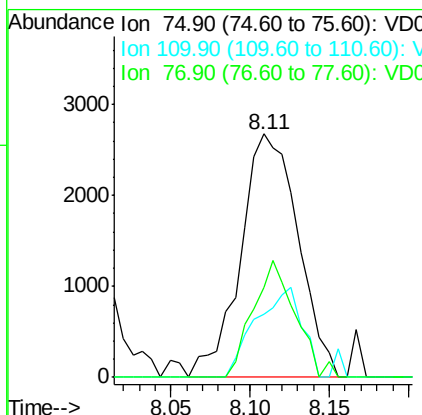
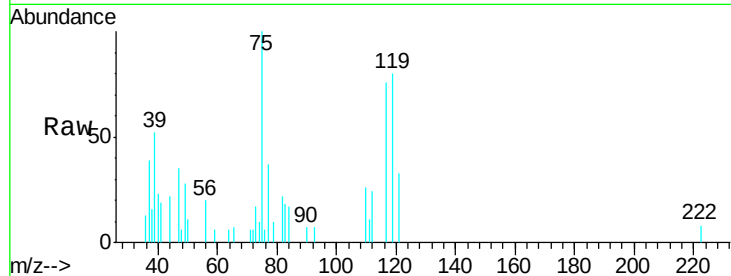




#36
 1,1-Dichloropropene
 Concen: 2.386 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

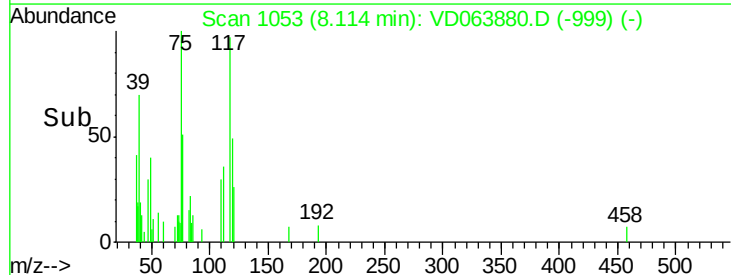
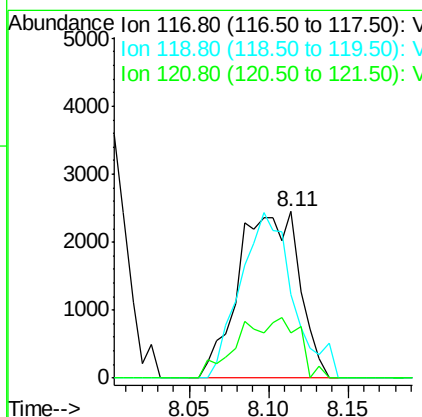
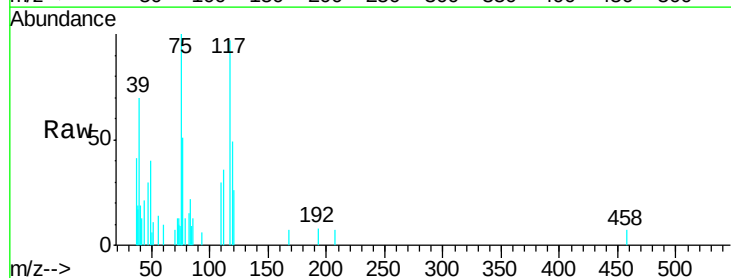
Instrument :
 MSVOA_D
 ClientSampled :
 MDL06

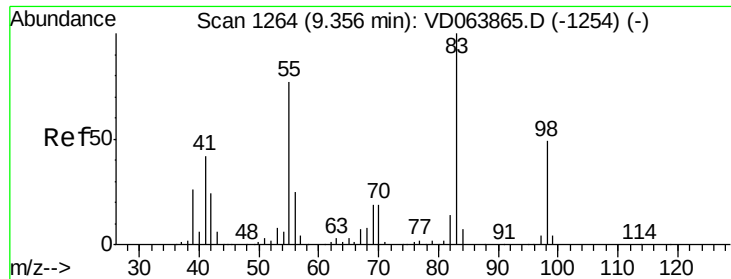
Tgt Ion: 75 Resp: 6759
 Ion Ratio Lower Upper
 75 100
 110 29.7 17.4 52.3
 77 35.3 25.4 38.0



#38
 Carbon Tetrachloride
 Concen: 2.280 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.02 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

Tgt Ion: 117 Resp: 6527
 Ion Ratio Lower Upper
 117 100
 119 50.2 70.8 106.2#
 121 26.9 21.4 32.0

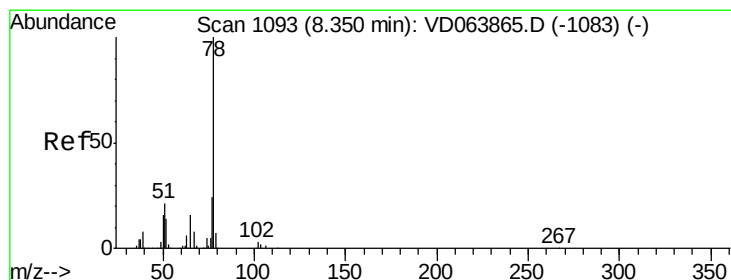
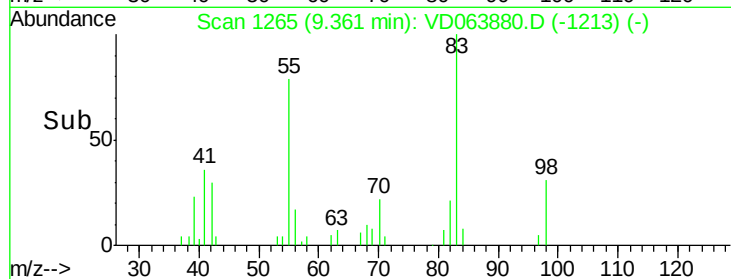
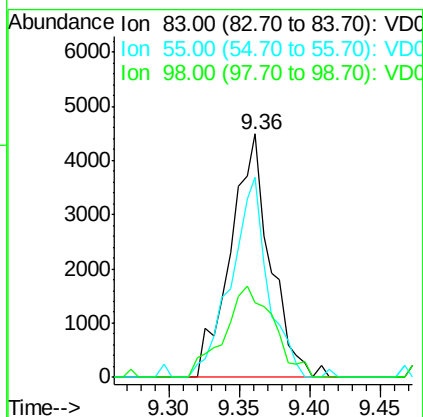
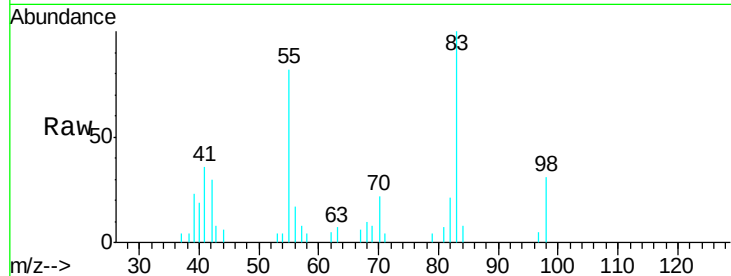




#39
Methylcyclohexane
Concen: 2.523 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD063880.D
Acq: 03 Oct 2019 17:21

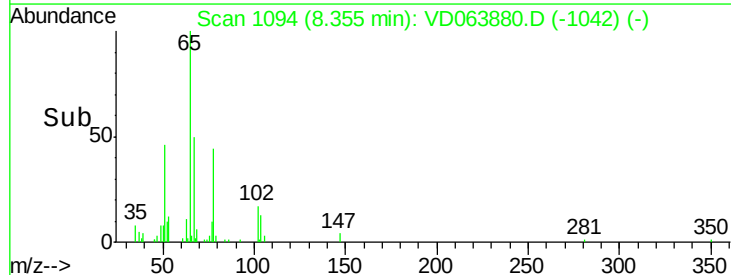
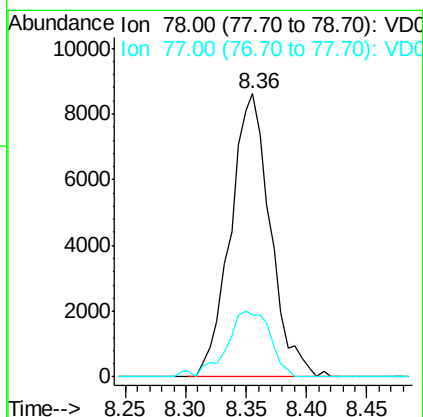
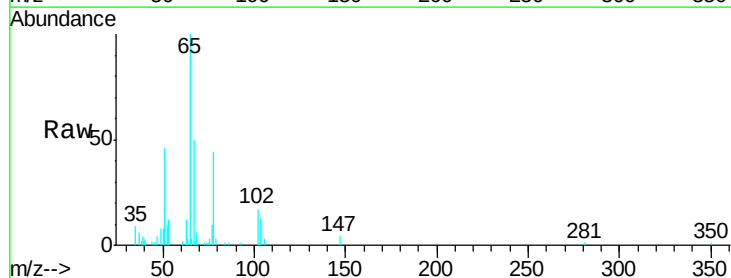
Instrument :
MSVOA_D
ClientSampleId :
MDL06

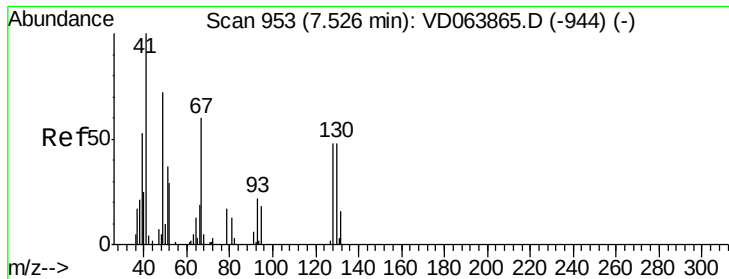
Tgt Ion: 83 Resp: 8790
Ion Ratio Lower Upper
83 100
55 82.1 61.3 91.9
98 30.7 39.3 58.9#



#40
Benzene
Concen: 2.430 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD063880.D
Acq: 03 Oct 2019 17:21

Tgt Ion: 78 Resp: 19733
Ion Ratio Lower Upper
78 100
77 21.8 19.0 28.6

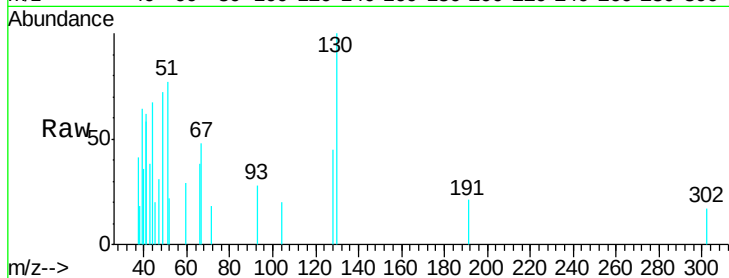




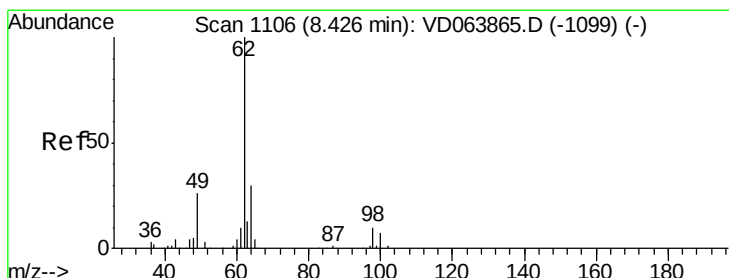
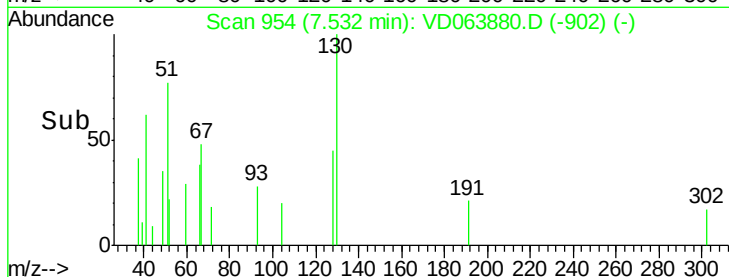
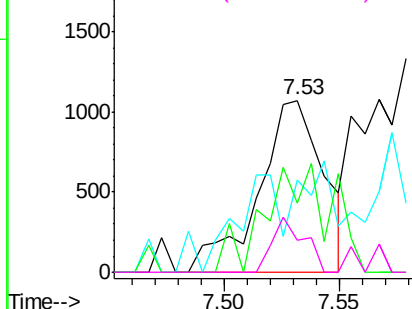
#41
Methacrylonitrile
Concen: 3.191 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD063880.D
Acq: 03 Oct 2019 17:21

Instrument :
MSVOA_D
ClientSampleId :
MDL06

Tgt Ion: 41 Resp: 2096
Ion Ratio Lower Upper
41 100
39 45.8 52.6 78.8#
67 64.0 74.2 111.2#
52 15.6 34.0 51.0#

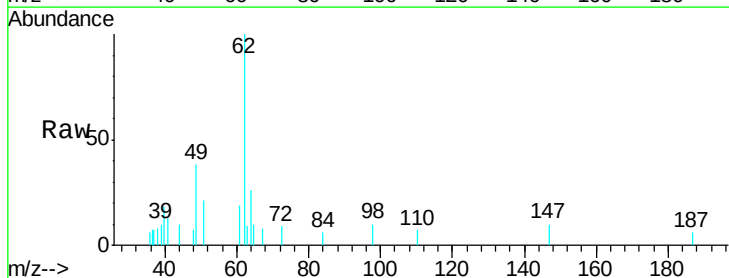


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

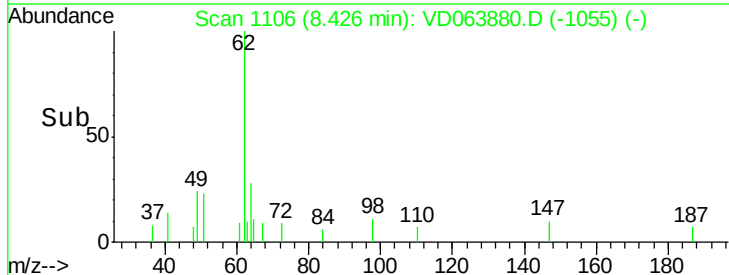
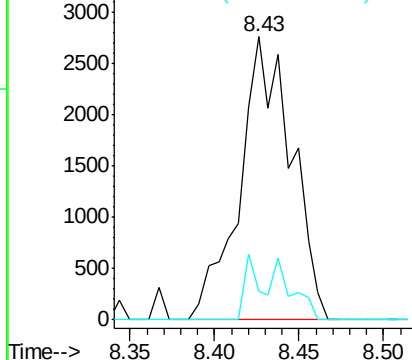


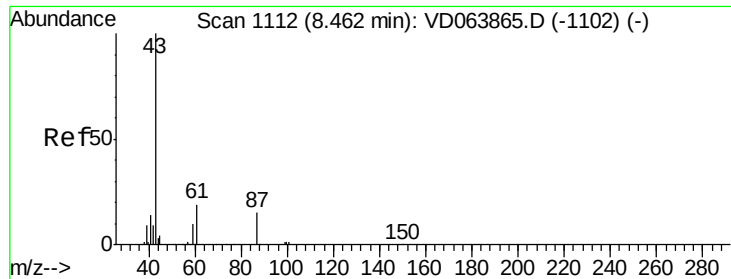
#42
1,2-Dichloroethane
Concen: 2.508 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD063880.D
Acq: 03 Oct 2019 17:21

Tgt Ion: 62 Resp: 5890
Ion Ratio Lower Upper
62 100
98 7.0 0.0 20.0



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





#43

Isopropyl Acetate

Concen: 2.547 ug/l

RT: 8.47 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

MDL06

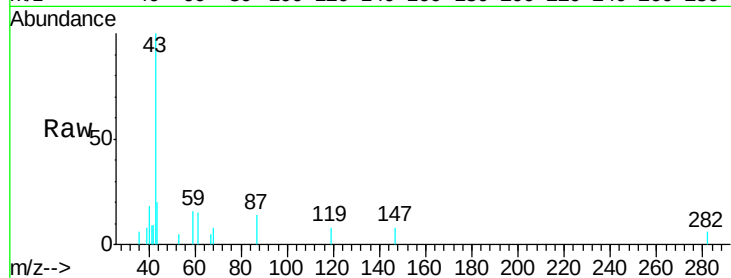
Tgt Ion: 43 Resp: 6052

Ion Ratio Lower Upper

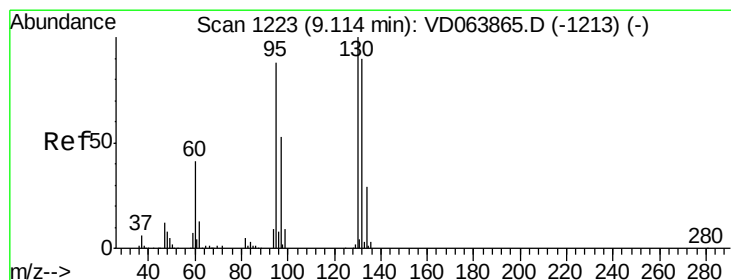
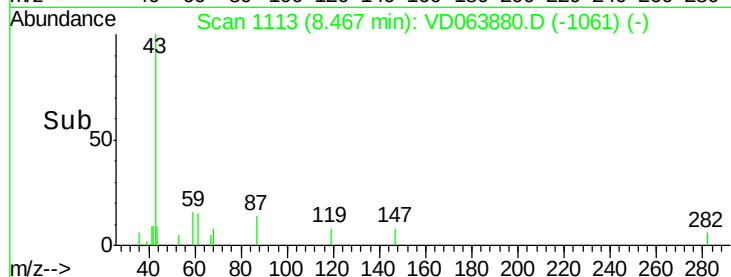
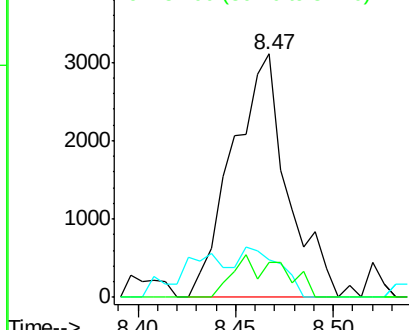
43 100

61 16.4 25.7 38.5#

87 7.7 11.6 17.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 2.461 ug/l

RT: 9.12 min Scan# 1224

Delta R.T. 0.01 min

Lab File: VD063880.D

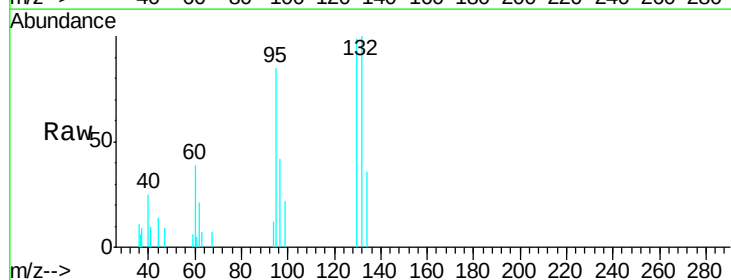
Acq: 03 Oct 2019 17:21

Tgt Ion: 130 Resp: 5762

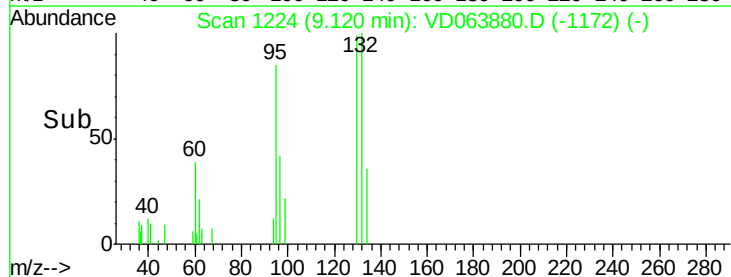
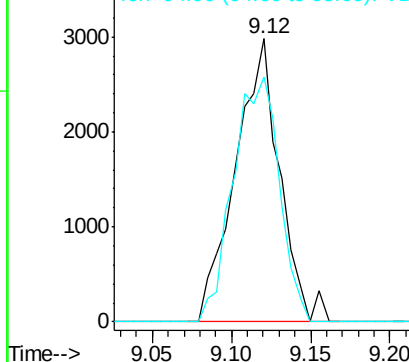
Ion Ratio Lower Upper

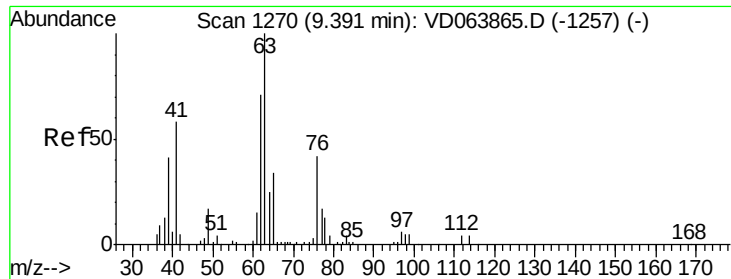
130 100

95 86.4 0.0 175.6



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

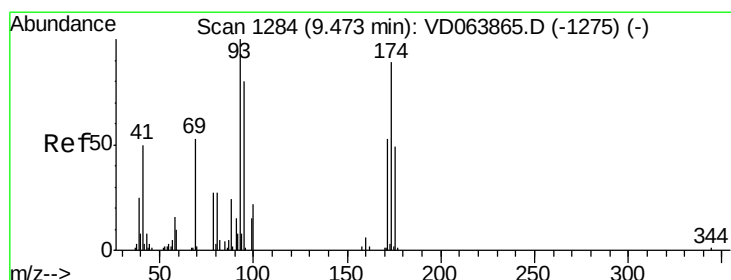
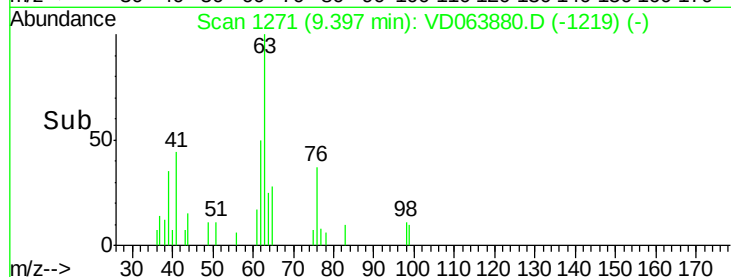
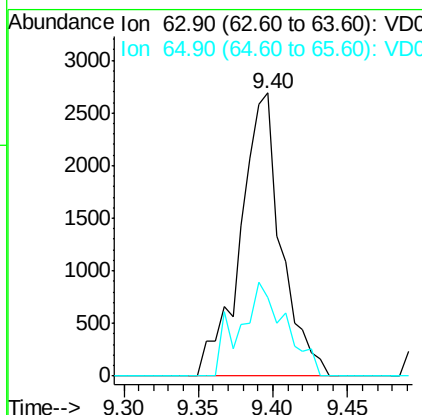
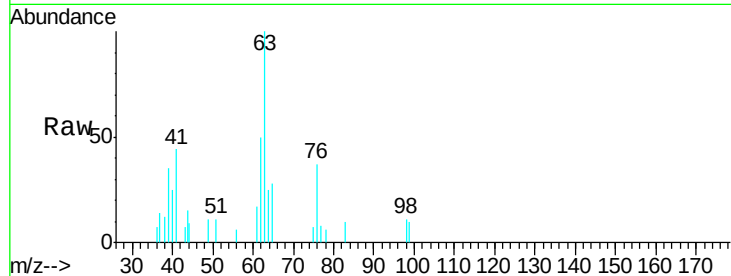




#45
 1,2-Dichloropropane
 Concen: 2.558 ug/l
 RT: 9.40 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

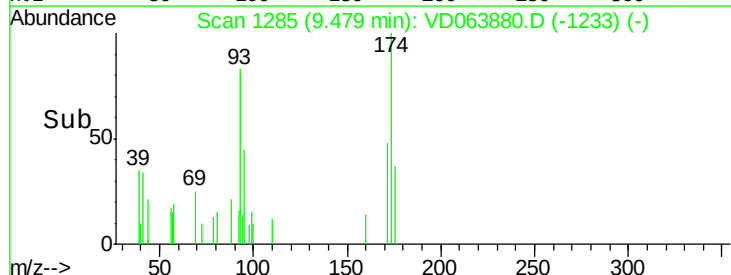
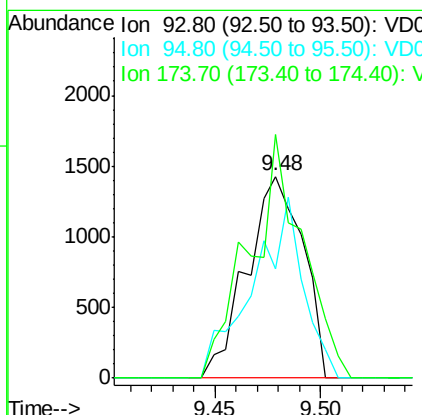
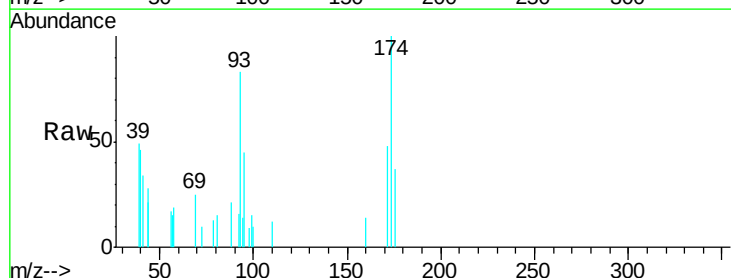
Instrument :
 MSVOA_D
 ClientSampleID :
 MDL06

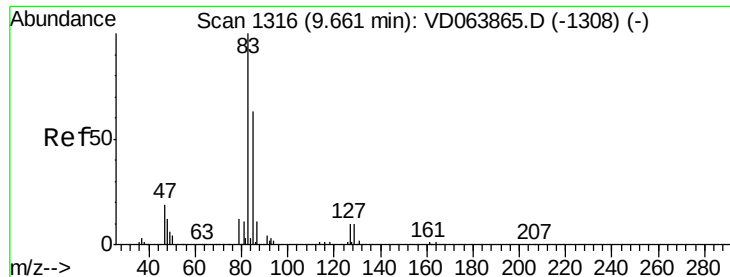
Tgt Ion: 63 Resp: 5084
 Ion Ratio Lower Upper
 63 100
 65 27.9 27.3 40.9



#46
 Dibromomethane
 Concen: 2.330 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

Tgt Ion: 93 Resp: 2637
 Ion Ratio Lower Upper
 93 100
 95 80.4 66.0 99.0
 174 114.4 83.4 125.0





#47

Bromodichloromethane

Concen: 2.182 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

MDL06

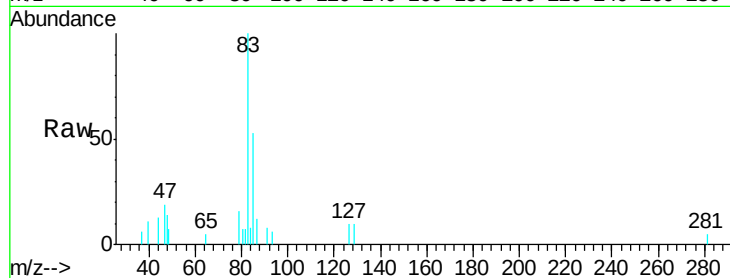
Tgt Ion: 83 Resp: 6359

Ion Ratio Lower Upper

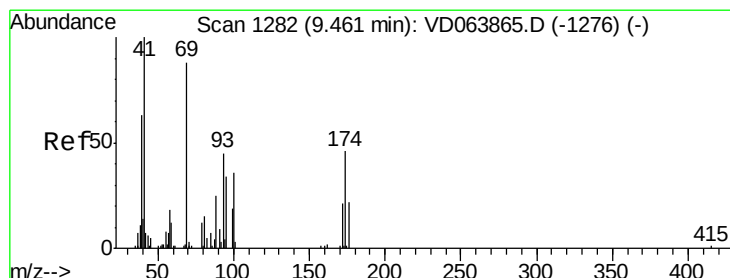
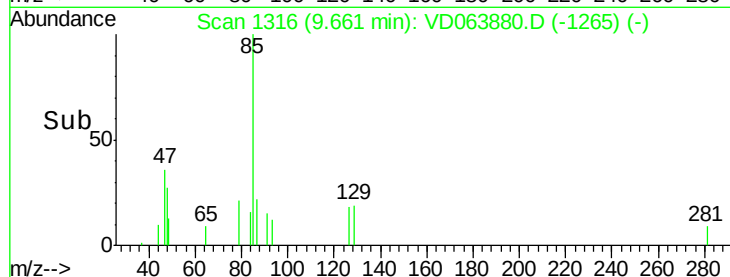
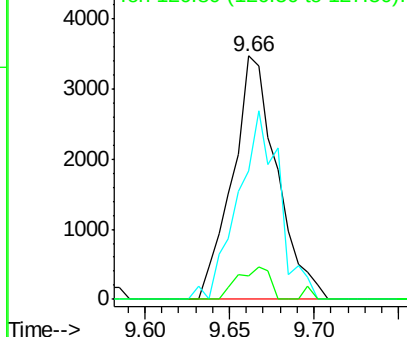
83 100

85 52.7 50.2 75.2

127 9.6 7.6 11.4



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 3.296 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

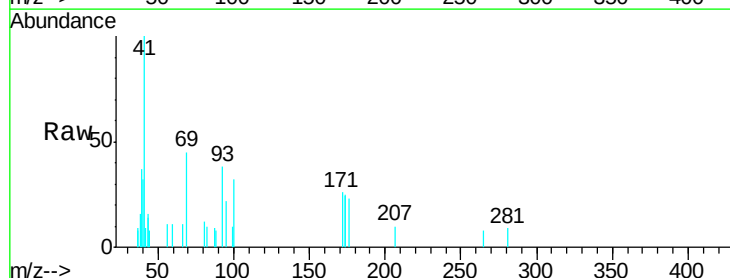
Tgt Ion: 41 Resp: 3752

Ion Ratio Lower Upper

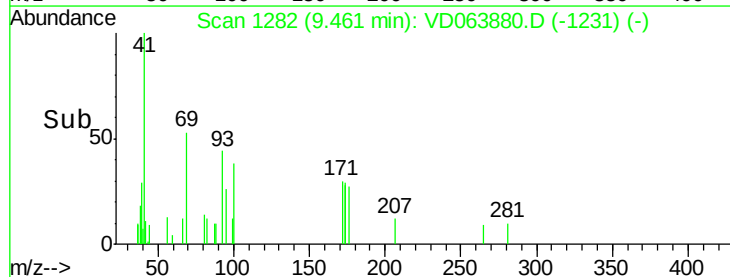
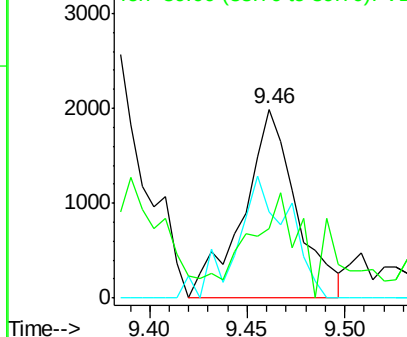
41 100

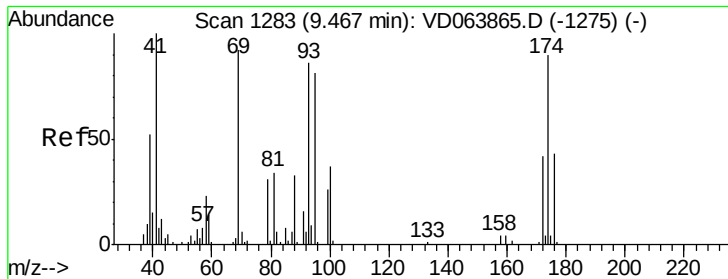
69 63.9 75.1 112.7#

39 51.6 50.2 75.2



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

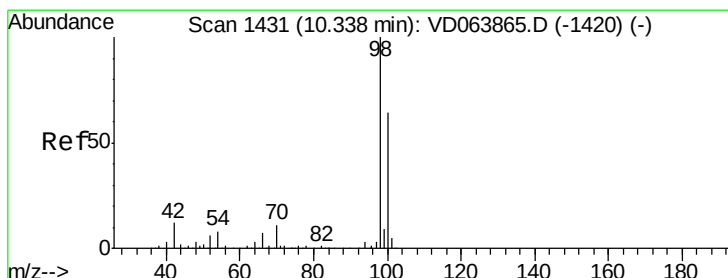
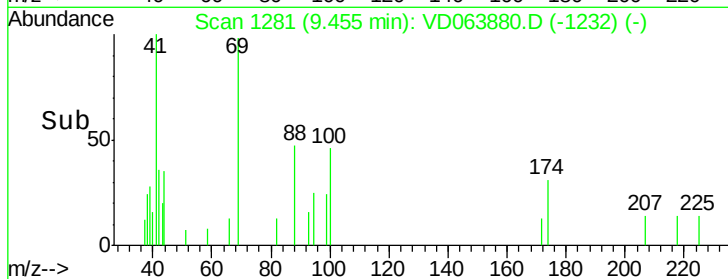
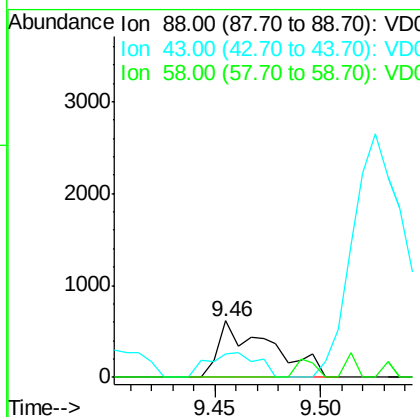
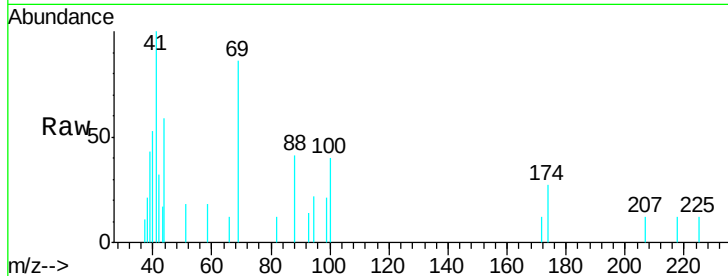




#49
 1,4-Dioxane
 Concen: 67.511 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

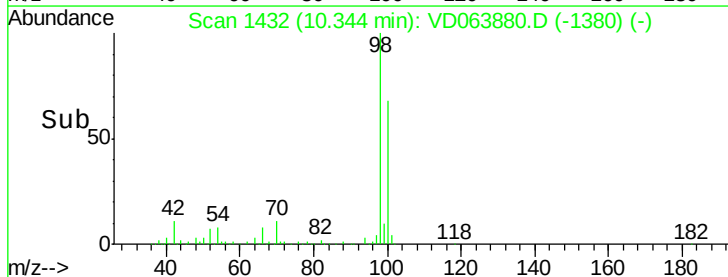
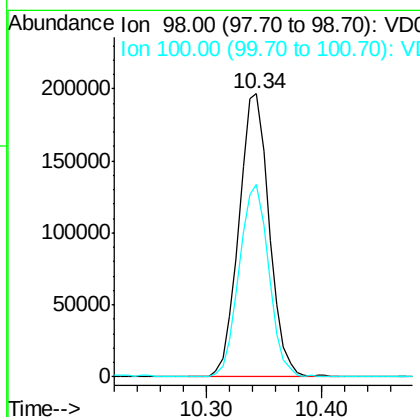
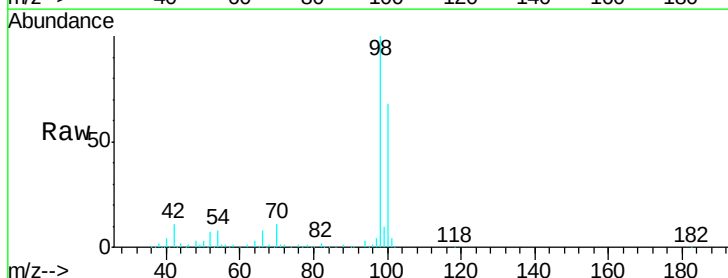
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL06

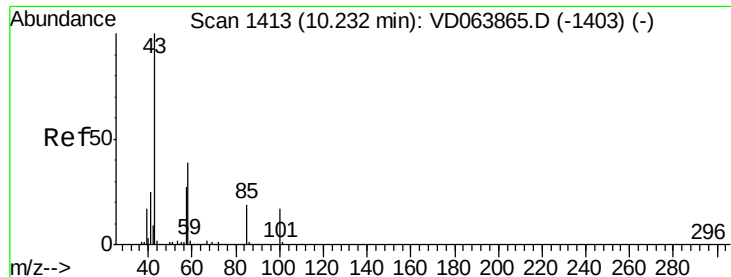
Tgt Ion: 88 Resp: 1043
 Ion Ratio Lower Upper
 88 100
 43 42.3 27.6 41.4#
 58 0.0 54.1 81.1#



#50
 Toluene-d8
 Concen: 46.691 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

Tgt Ion: 98 Resp: 358894
 Ion Ratio Lower Upper
 98 100
 100 66.5 52.1 78.1

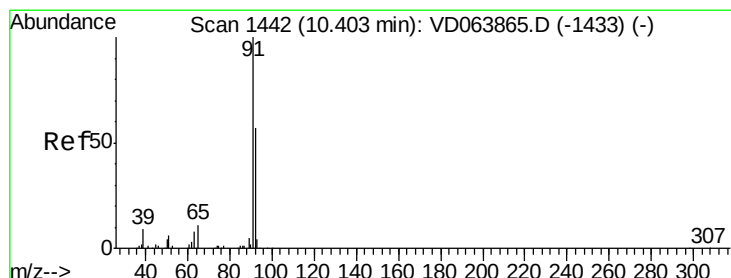
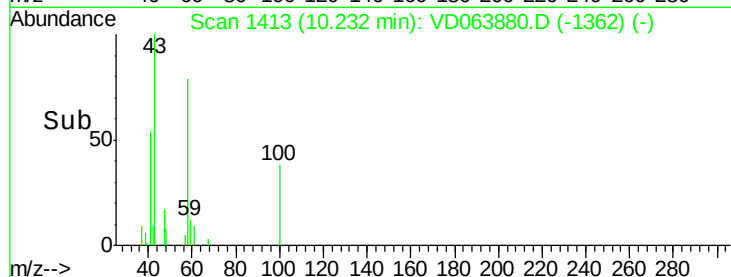
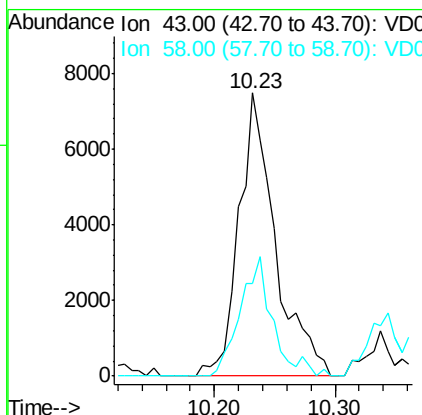
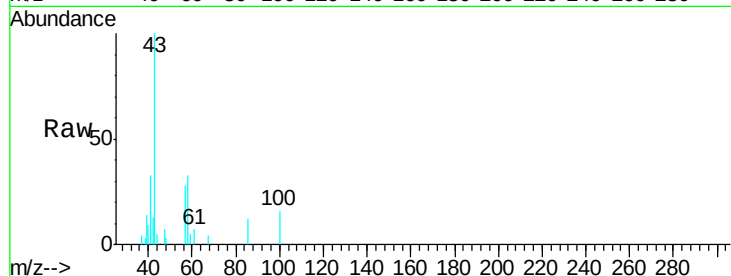




#51
 4-Methyl-2-Pentanone
 Concen: 12.782 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

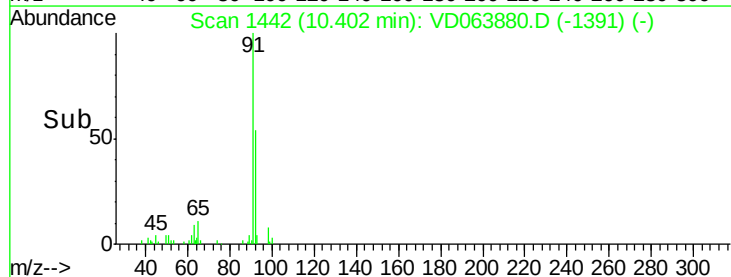
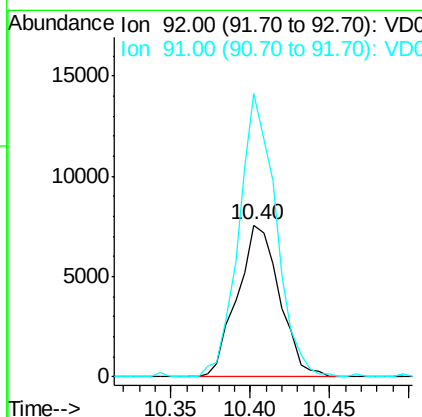
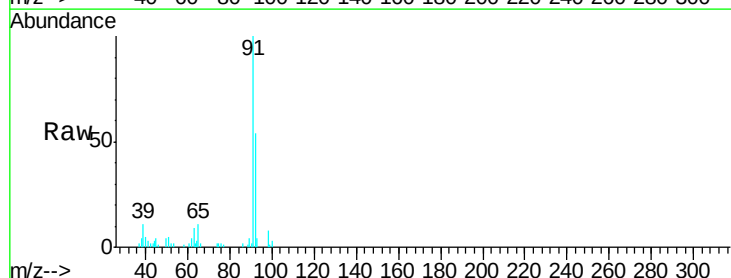
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL06

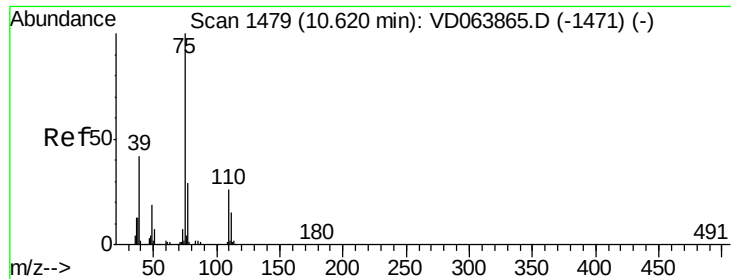
Tgt Ion: 43 Resp: 15751
 Ion Ratio Lower Upper
 43 100
 58 37.6 33.0 49.4



#52
 Toluene
 Concen: 2.509 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

Tgt Ion: 92 Resp: 13986
 Ion Ratio Lower Upper
 92 100
 91 164.3 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 2.431 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

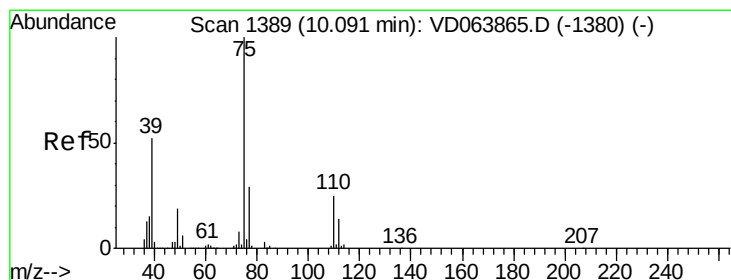
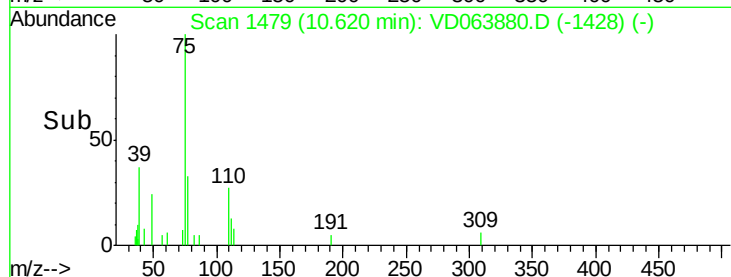
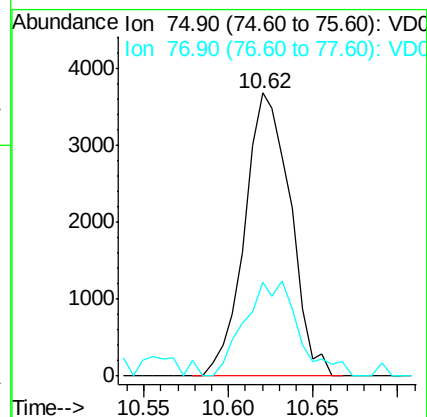
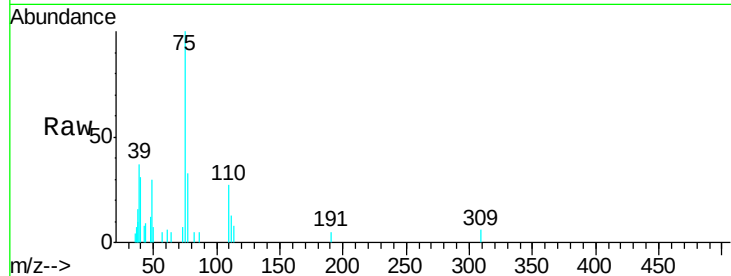
MDL06

Tgt Ion: 75 Resp: 6914

Ion Ratio Lower Upper

75 100

77 28.1 22.8 34.2



#54

cis-1,3-Dichloropropene

Concen: 2.396 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

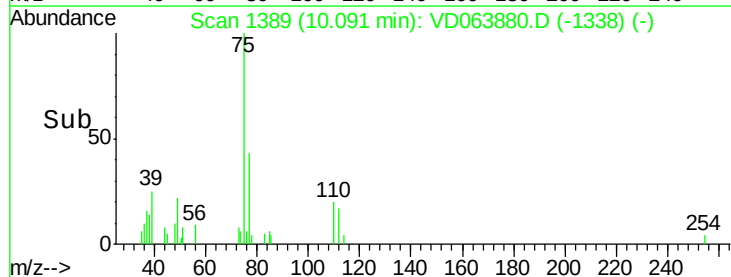
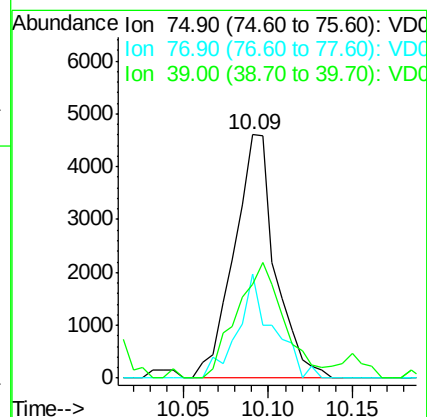
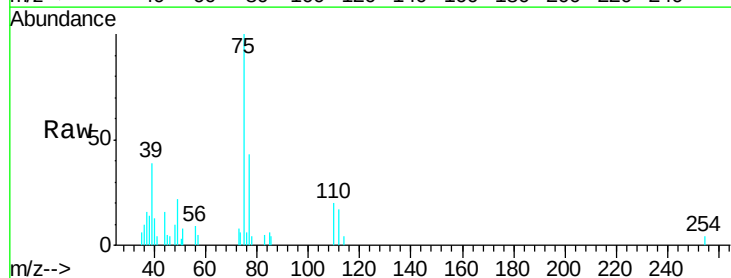
Tgt Ion: 75 Resp: 7843

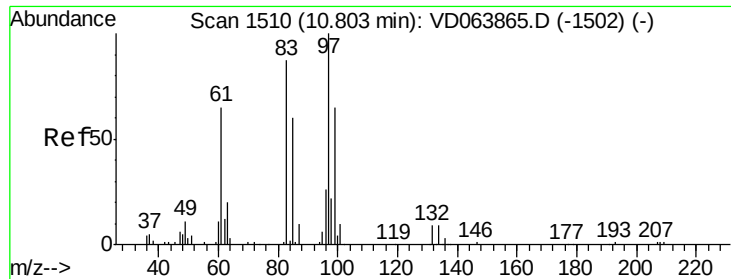
Ion Ratio Lower Upper

75 100

77 42.9 23.2 34.8#

39 38.8 41.5 62.3#

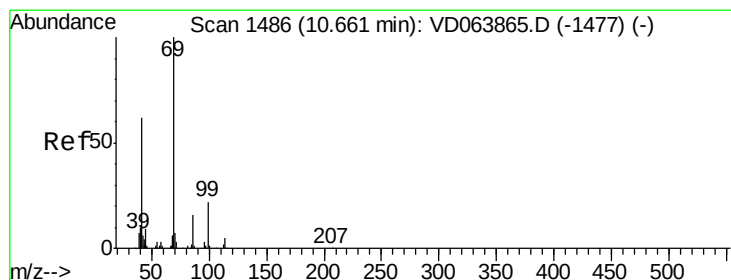
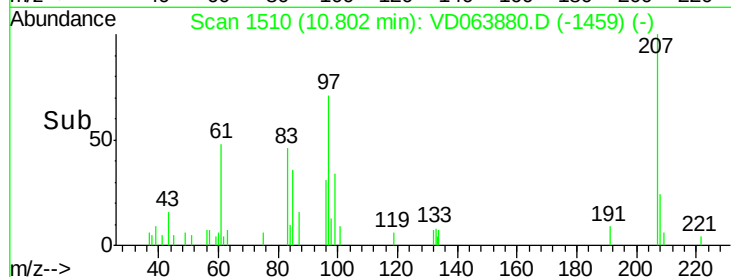
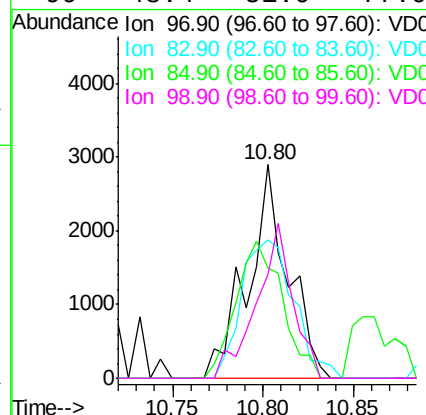
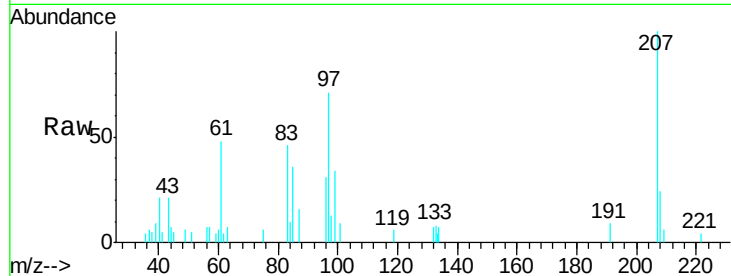




#55
 1,1,2-Trichloroethane
 Concen: 2.775 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

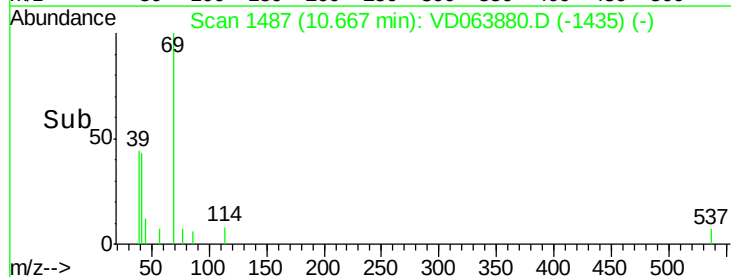
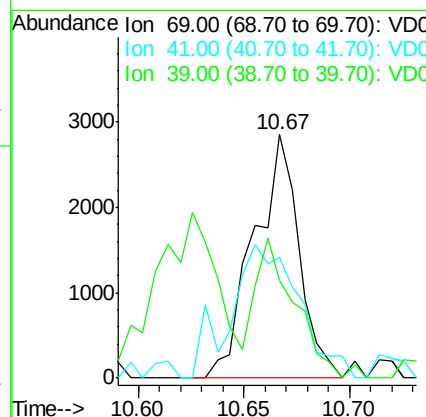
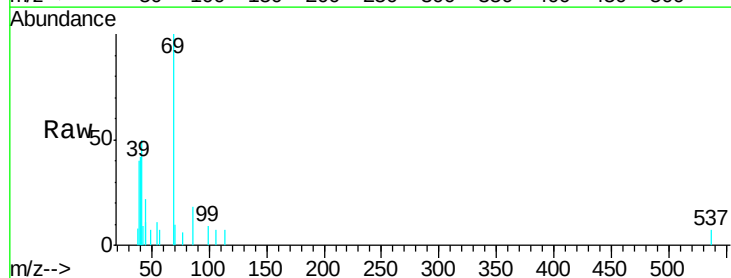
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL06

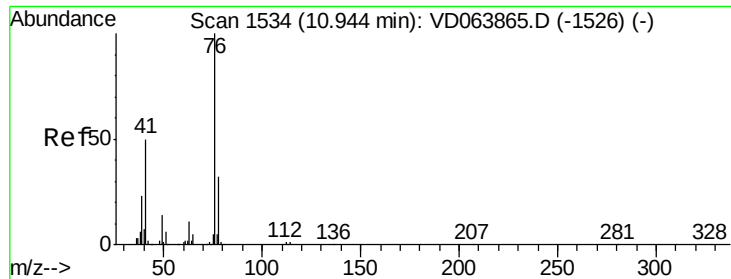
Tgt Ion: 97 Resp: 4435
 Ion Ratio Lower Upper
 97 100
 83 64.7 69.7 104.5#
 85 51.7 48.1 72.1
 99 48.4 51.9 77.9#



#56
 Ethyl methacrylate
 Concen: 2.089 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

Tgt Ion: 69 Resp: 4228
 Ion Ratio Lower Upper
 69 100
 41 83.5 51.3 76.9#
 39 51.6 28.0 42.0#





#57

1,3-Dichloropropane

Concen: 2.326 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.01 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

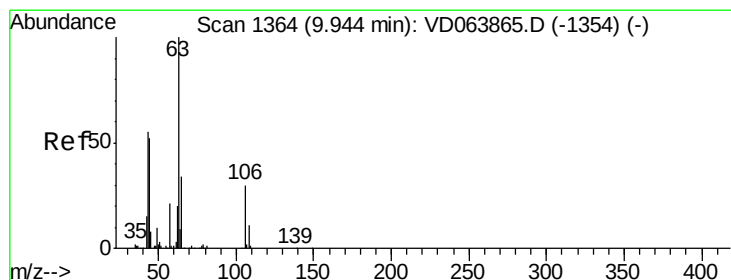
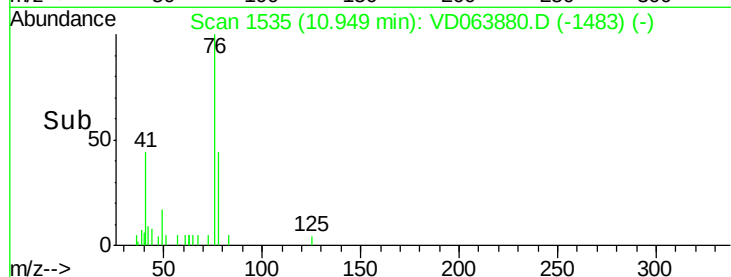
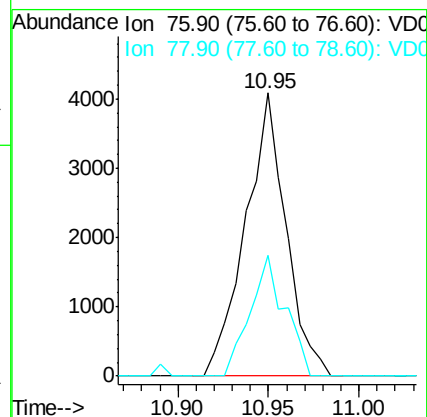
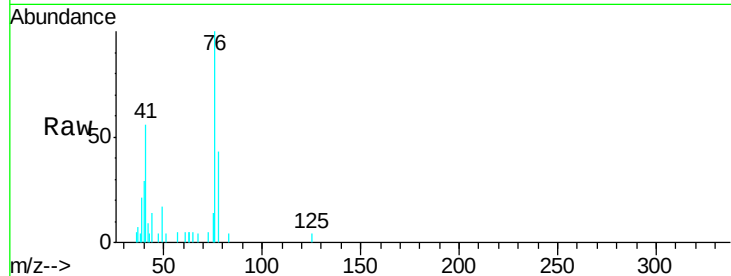
MDL06

Tgt Ion: 76 Resp: 6360

Ion Ratio Lower Upper

76 100

78 36.5 26.6 40.0



#58

2-Chloroethyl Vinyl ether

Concen: 11.033 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.01 min

Lab File: VD063880.D

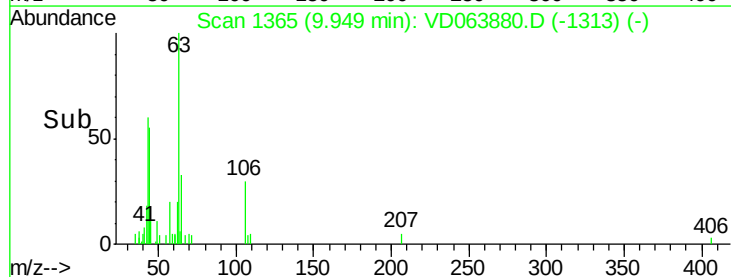
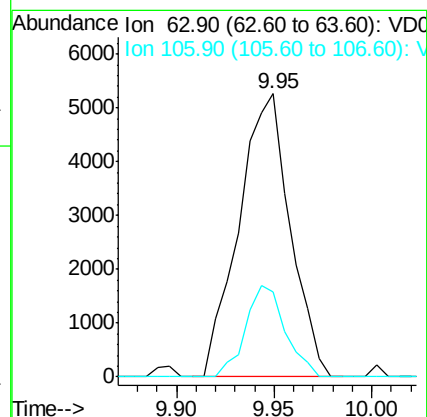
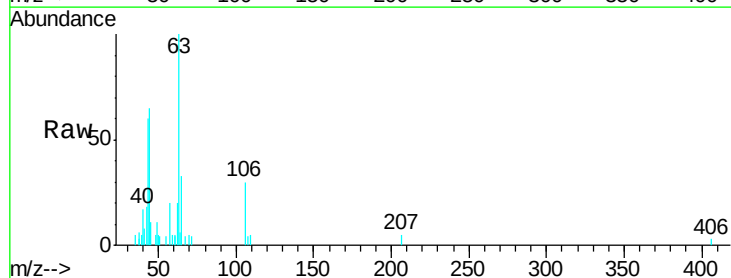
Acq: 03 Oct 2019 17:21

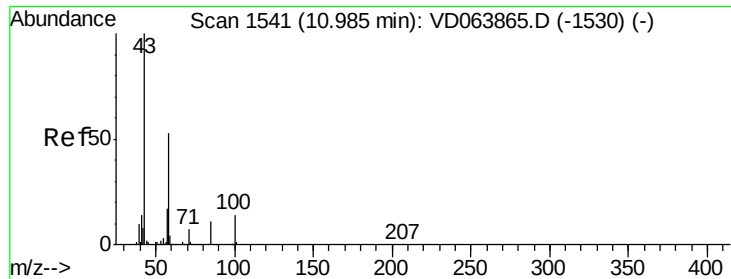
Tgt Ion: 63 Resp: 9597

Ion Ratio Lower Upper

63 100

106 24.9 24.3 36.5

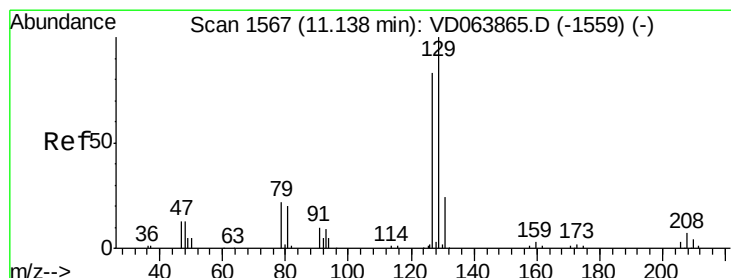
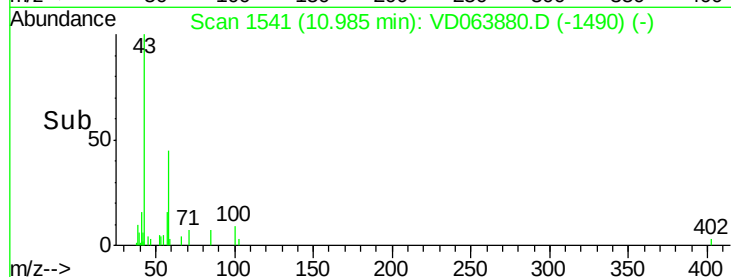
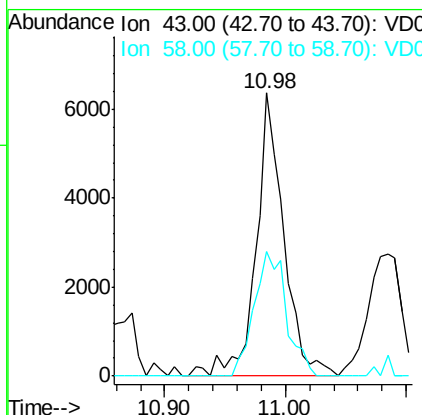
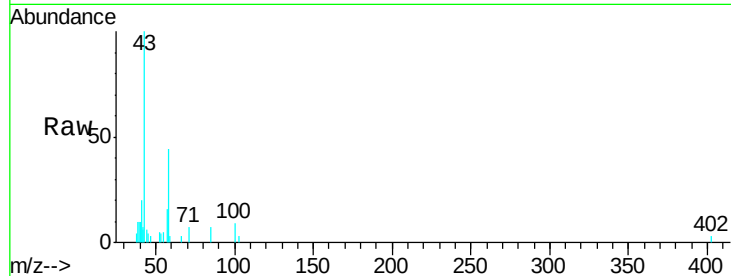




#59
2-Hexanone
Concen: 11.395 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD063880.D
Acq: 03 Oct 2019 17:21

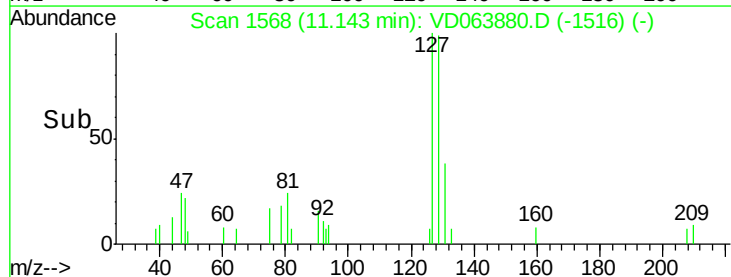
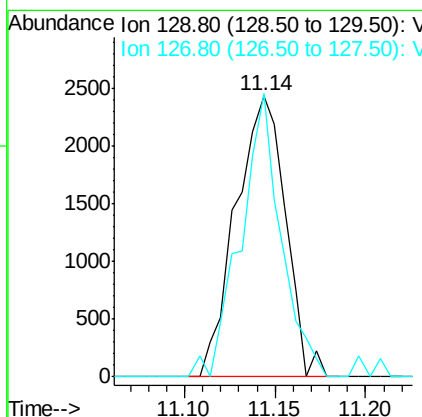
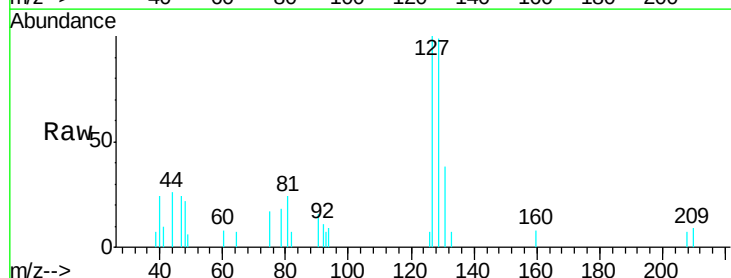
Instrument :
MSVOA_D
ClientSampleId :
MDL06

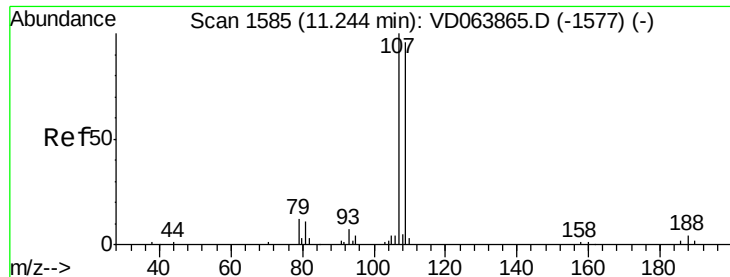
Tgt Ion: 43 Resp: 10158
Ion Ratio Lower Upper
43 100
58 51.4 27.7 83.0



#60
Dibromochloromethane
Concen: 2.214 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VD063880.D
Acq: 03 Oct 2019 17:21

Tgt Ion: 129 Resp: 4606
Ion Ratio Lower Upper
129 100
127 82.1 39.9 119.6

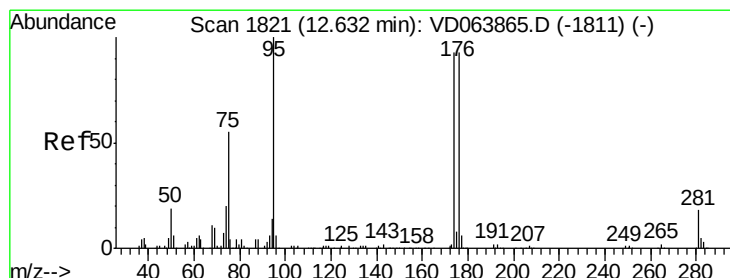
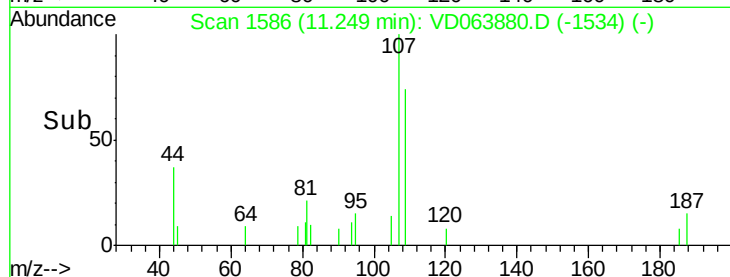
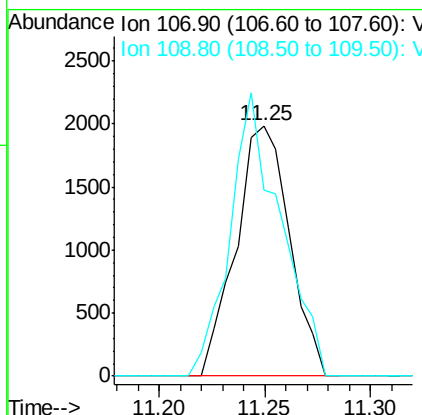
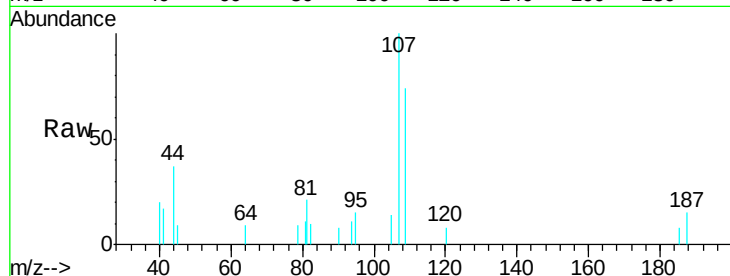




#61
 1,2-Dibromoethane
 Concen: 2.256 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

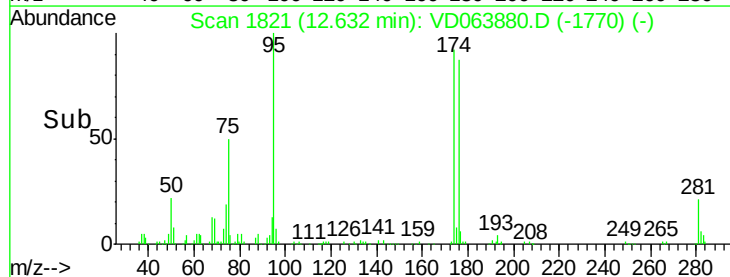
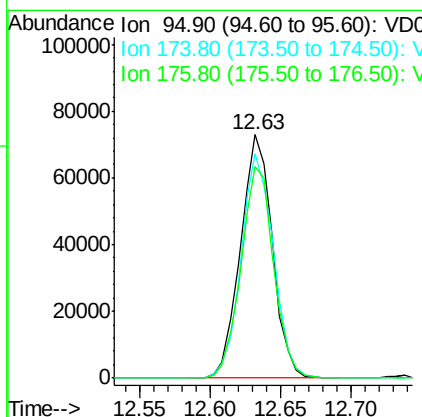
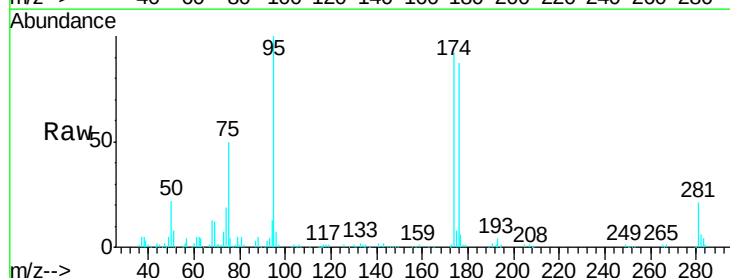
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL06

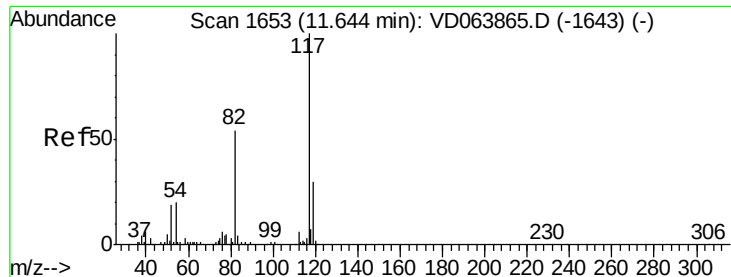
Tgt Ion: 107 Resp: 3495
 Ion Ratio Lower Upper
 107 100
 109 106.3 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 43.200 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

Tgt Ion: 95 Resp: 115389
 Ion Ratio Lower Upper
 95 100
 174 93.6 0.0 186.4
 176 88.8 0.0 184.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

MDL06

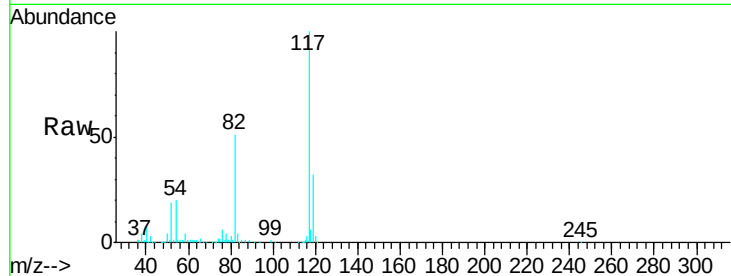
Tgt Ion:117 Resp: 297370

Ion Ratio Lower Upper

117 100

82 50.7 42.8 64.2

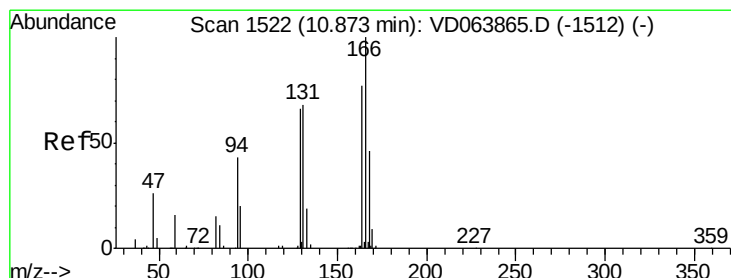
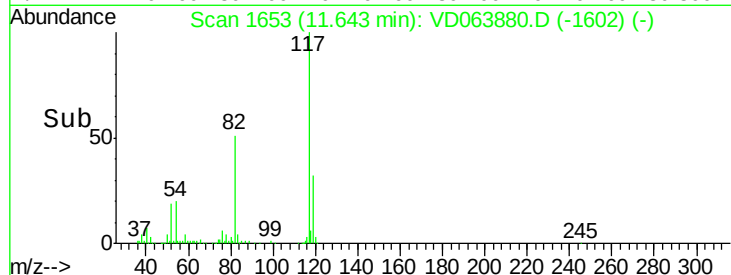
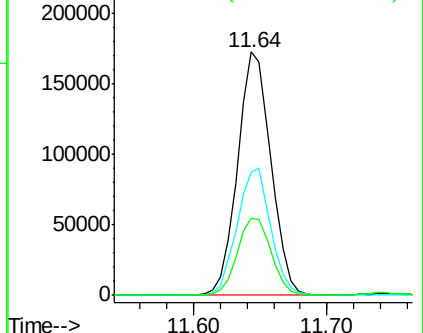
119 31.9 24.4 36.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 2.530 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Tgt Ion:164 Resp: 5137

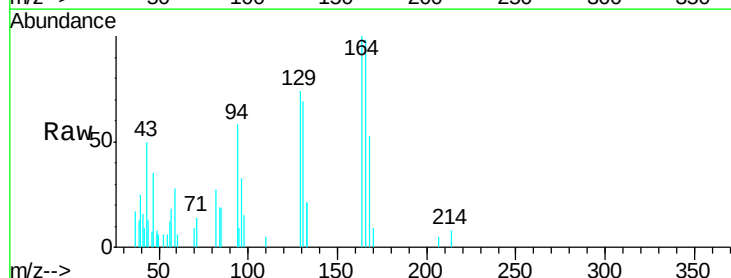
Ion Ratio Lower Upper

164 100

166 98.5 103.8 155.6#

129 73.7 68.9 103.3

131 68.8 70.9 106.3#

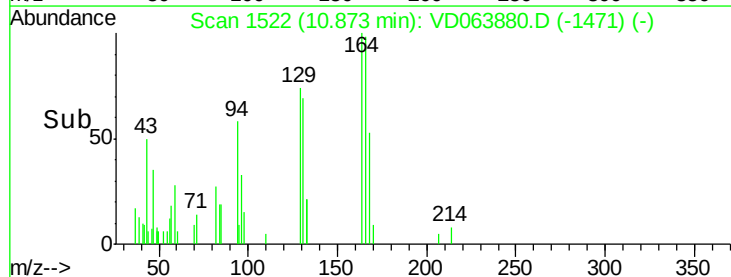
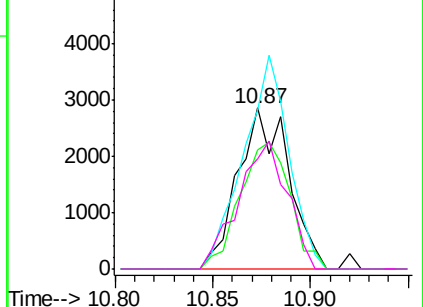


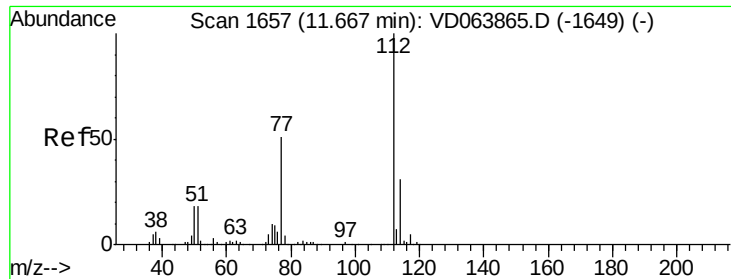
Abundance Ion 163.80 (163.50 to 164.50): V

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

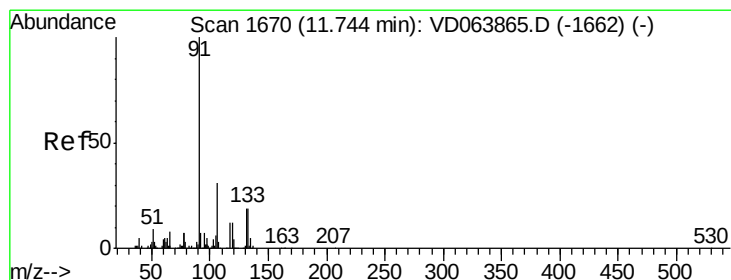
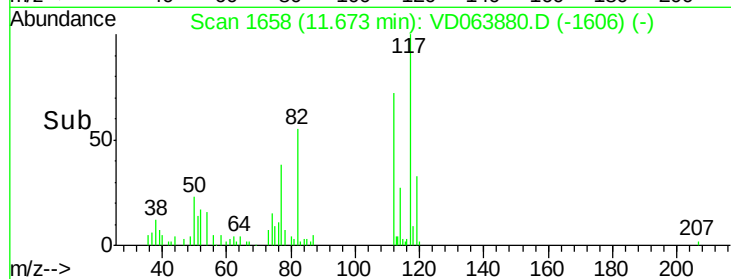
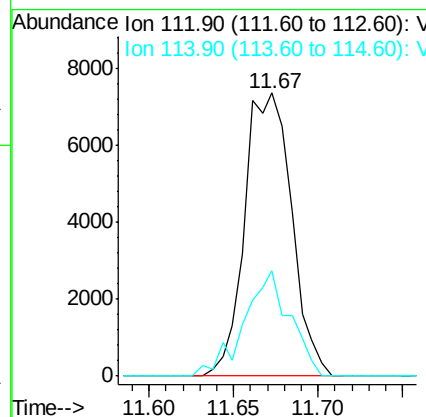
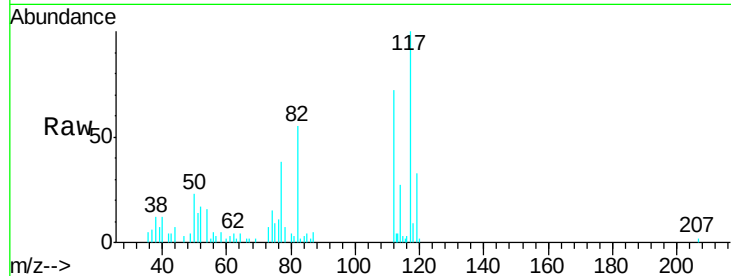




#65
Chlorobenzene
Concen: 2.377 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.01 min
Lab File: VD063880.D
Acq: 03 Oct 2019 17:21

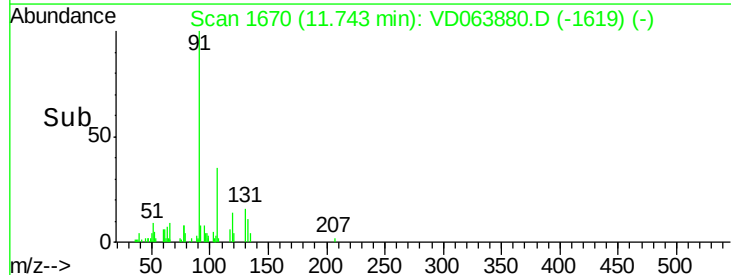
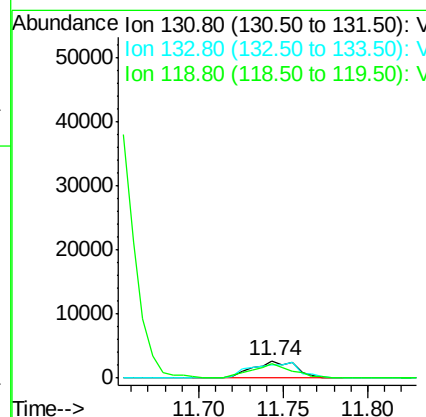
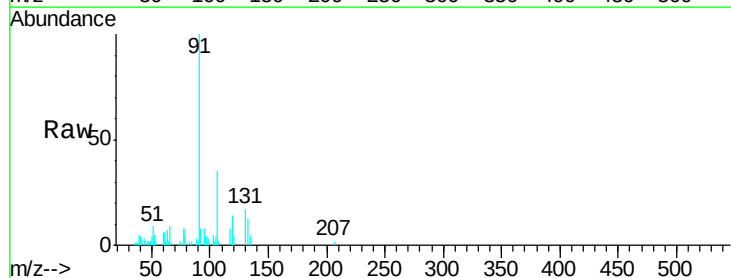
Instrument :
MSVOA_D
ClientSampleId :
MDL06

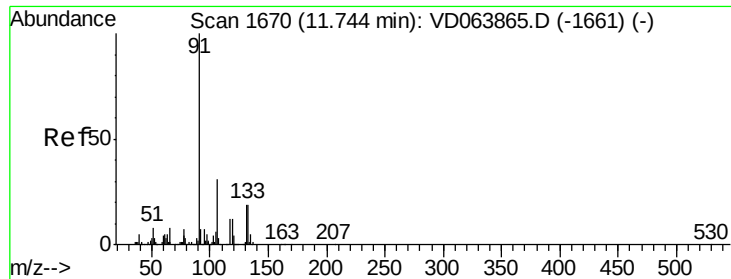
Tgt Ion:112 Resp: 14194
Ion Ratio Lower Upper
112 100
114 37.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 2.211 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD063880.D
Acq: 03 Oct 2019 17:21

Tgt Ion:131 Resp: 4866
Ion Ratio Lower Upper
131 100
133 96.2 48.9 146.7
119 76.0 32.6 97.8





#67

Ethyl Benzene

Concen: 2.272 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

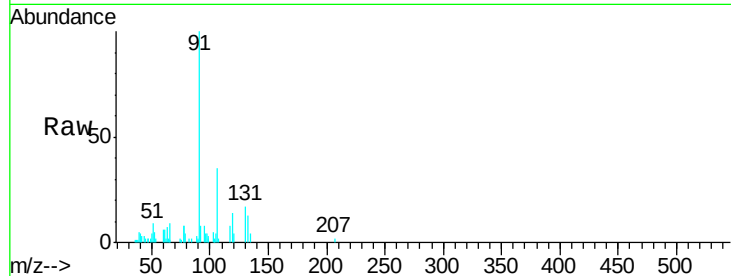
MDL06

Tgt Ion: 91 Resp: 24466

Ion Ratio Lower Upper

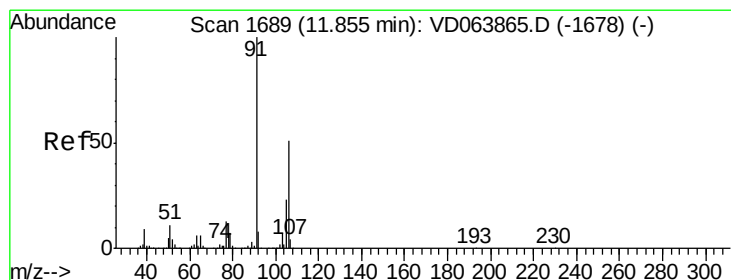
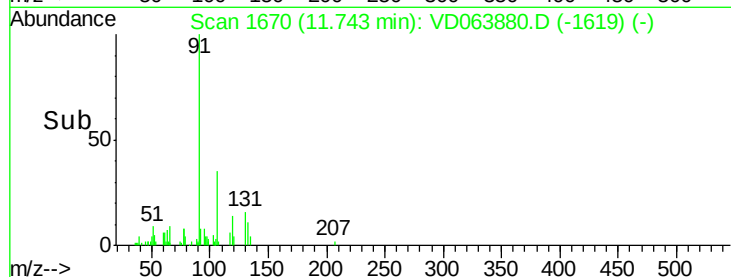
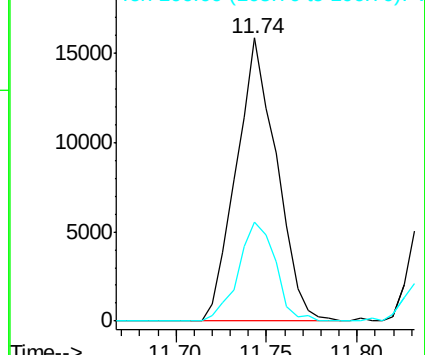
91 100

106 35.2 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VD063865.D (-1661) (-)

Ion 106.00 (105.70 to 106.70): VD063880.D (-1638) (-)



#68

m/p-Xylenes

Concen: 4.411 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD063880.D

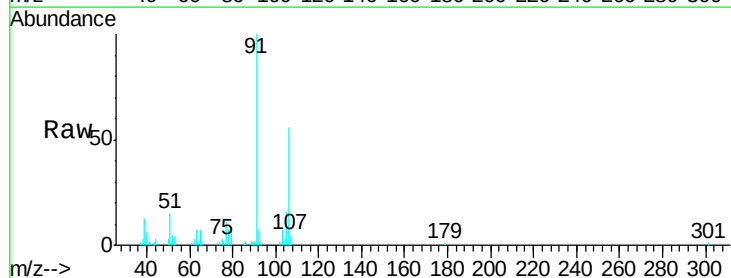
Acq: 03 Oct 2019 17:21

Tgt Ion: 106 Resp: 18335

Ion Ratio Lower Upper

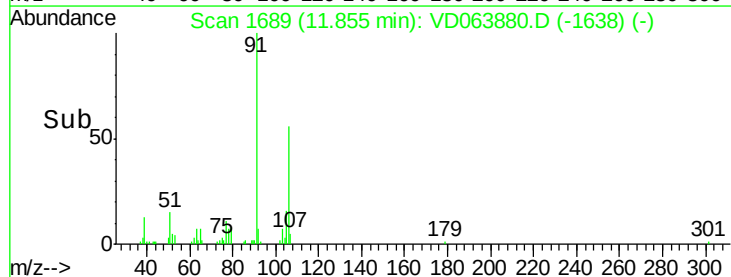
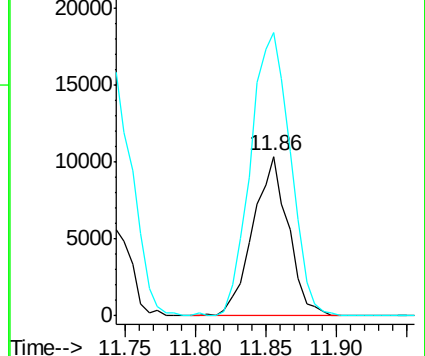
106 100

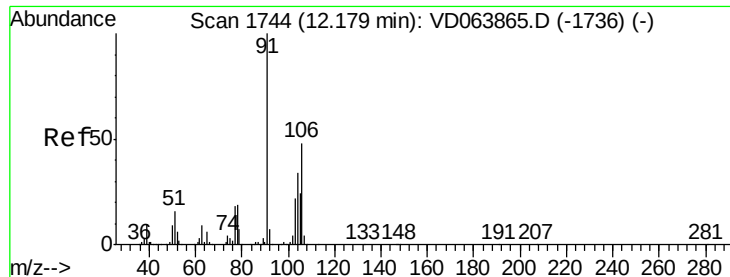
91 198.3 154.8 232.2



Abundance Ion 106.00 (105.70 to 106.70): VD063865.D (-1678) (-)

Ion 91.00 (90.70 to 91.70): VD063880.D (-1638) (-)

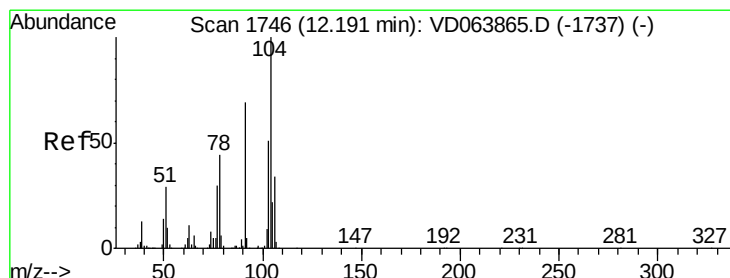
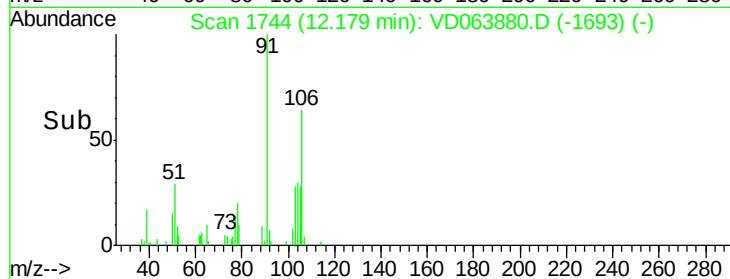
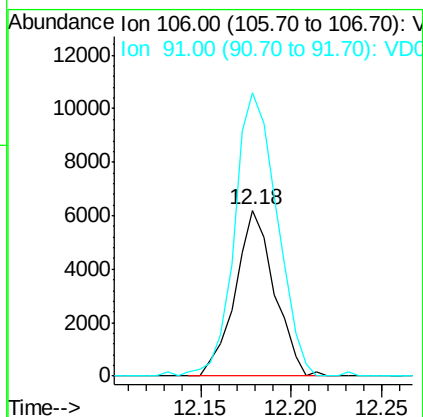
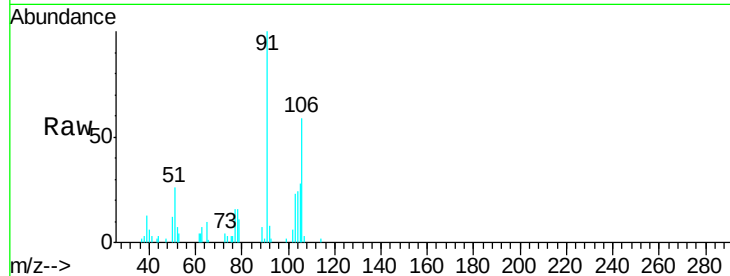




#69
o-Xylene
Concen: 2.333 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD063880.D
Acq: 03 Oct 2019 17:21

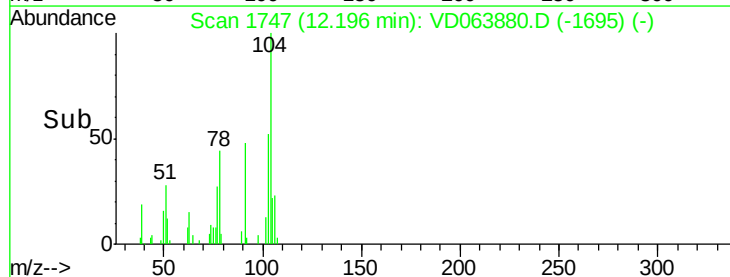
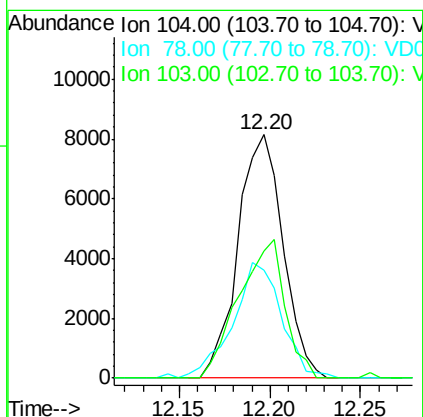
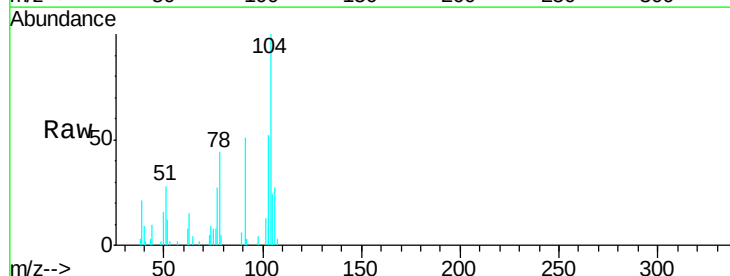
Instrument :
MSVOA_D
ClientSampleId :
MDL06

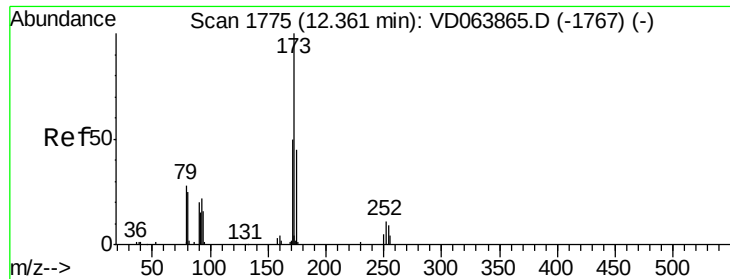
Tgt Ion:106 Resp: 9287
Ion Ratio Lower Upper
106 100
91 186.2 103.9 311.7



#70
Styrene
Concen: 2.090 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.01 min
Lab File: VD063880.D
Acq: 03 Oct 2019 17:21

Tgt Ion:104 Resp: 14081
Ion Ratio Lower Upper
104 100
78 51.8 37.0 55.4
103 58.3 44.2 66.4

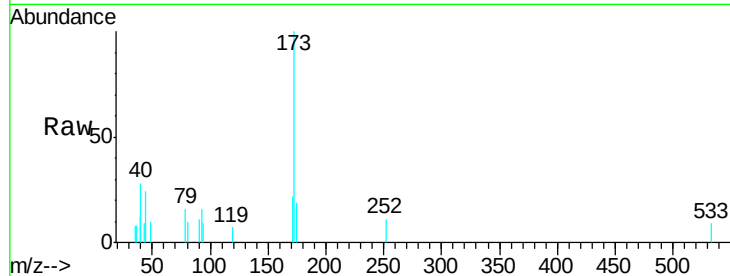




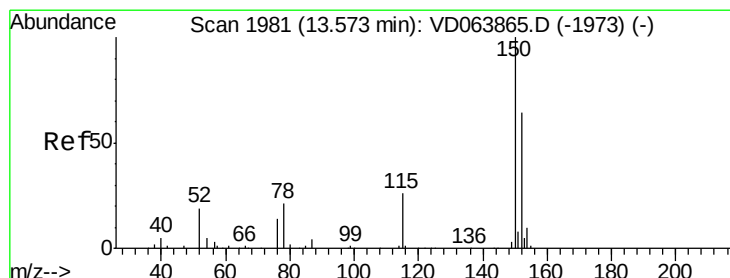
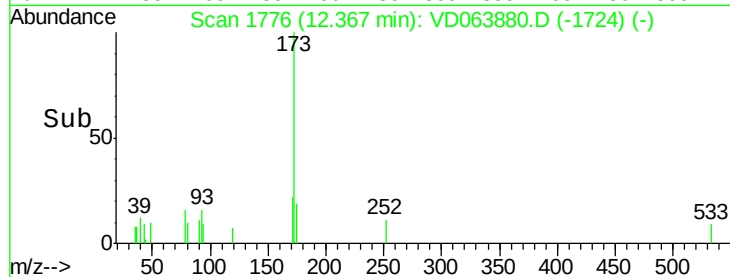
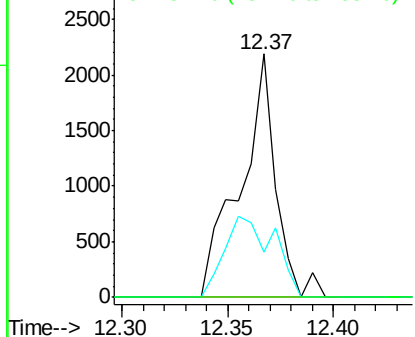
#71
Bromoform
Concen: 2.182 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.01 min
Lab File: VD063880.D
Acq: 03 Oct 2019 17:21

Instrument :
MSVOA_D
ClientSampleId :
MDL06

Tgt Ion:173 Resp: 2577
Ion Ratio Lower Upper
173 100
175 45.8 24.6 74.0
254 0.0 0.0 0.0

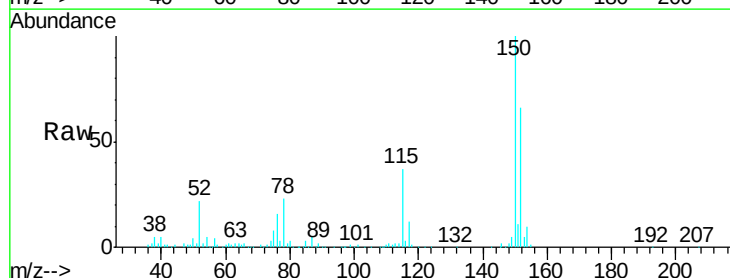


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

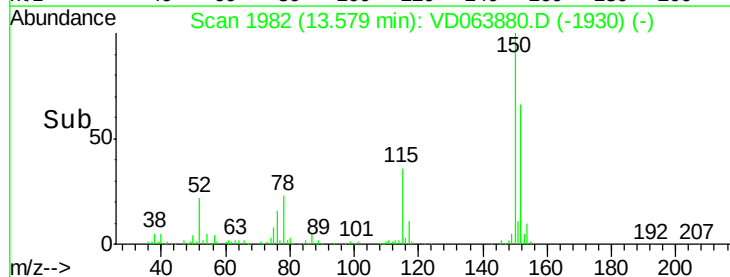
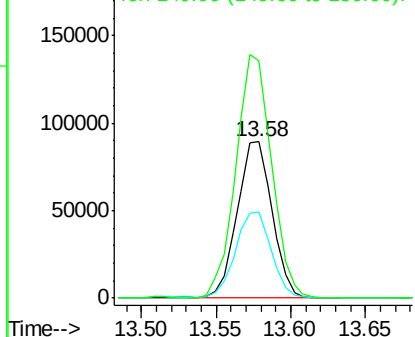


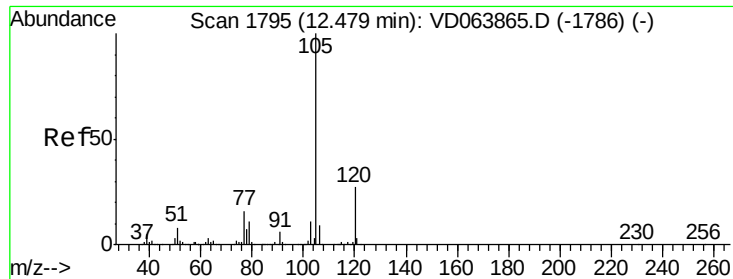
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD063880.D
Acq: 03 Oct 2019 17:21

Tgt Ion:152 Resp: 145230
Ion Ratio Lower Upper
152 100
115 56.6 25.9 77.7
150 159.9 0.0 344.2



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: 2.285 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

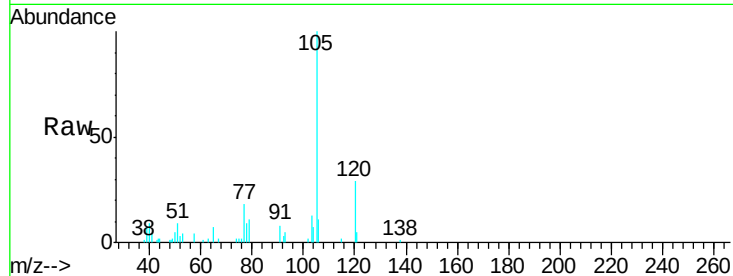
MDL06

Tgt Ion:105 Resp: 22308

Ion Ratio Lower Upper

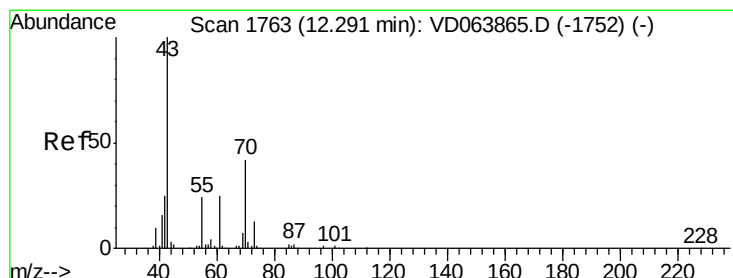
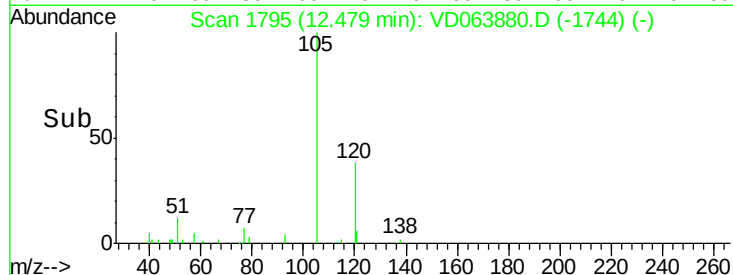
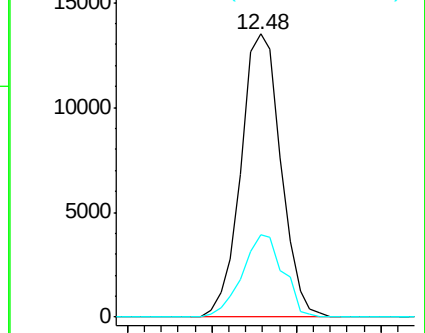
105 100

120 29.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 2.381 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Tgt Ion: 43 Resp: 5004

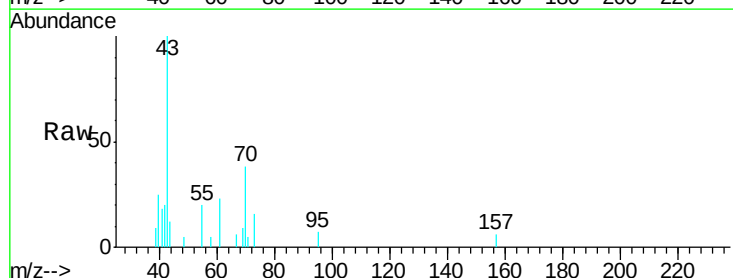
Ion Ratio Lower Upper

43 100

70 49.5 35.8 53.6

55 34.1 19.4 29.0#

61 33.5 20.4 30.6#

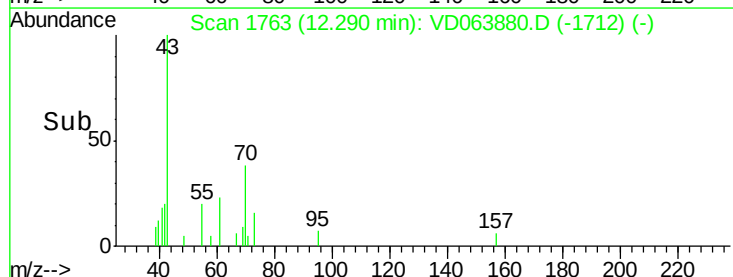
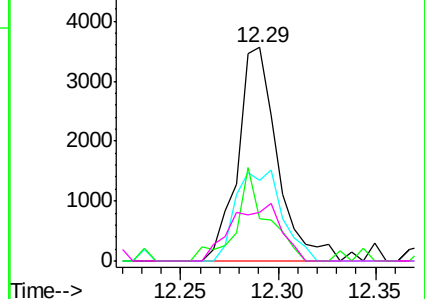


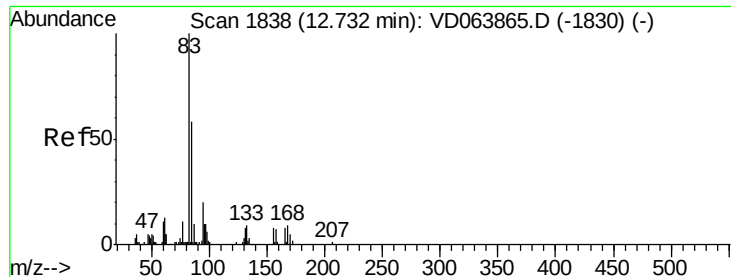
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 2.630 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

MDL06

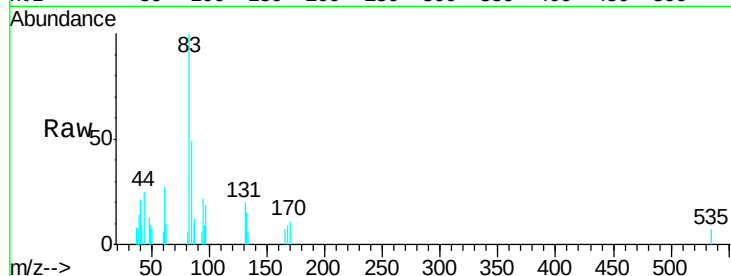
Tgt Ion: 83 Resp: 4468

Ion Ratio Lower Upper

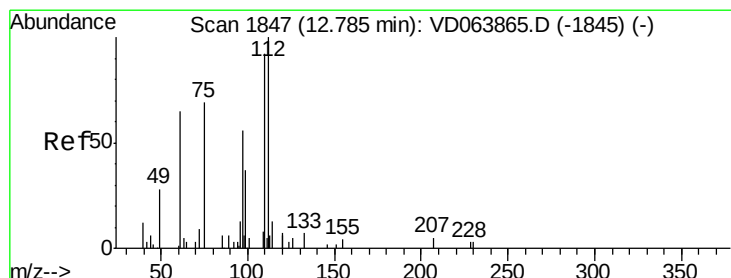
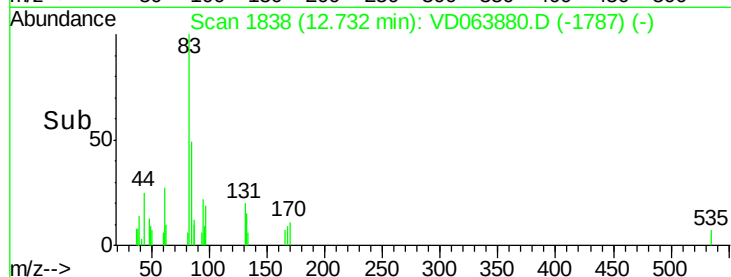
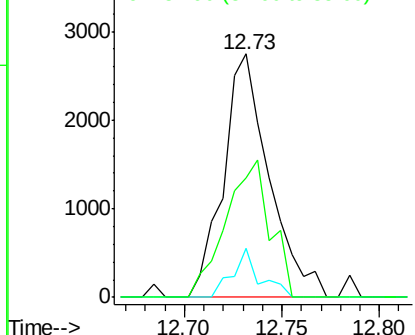
83 100

131 11.8 5.6 16.8

85 54.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 5.683 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD063880.D

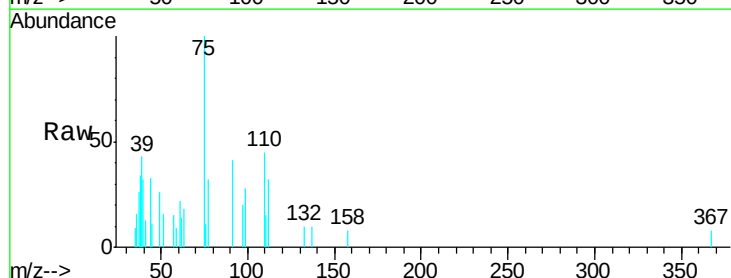
Acq: 03 Oct 2019 17:21

Tgt Ion: 75 Resp: 5528

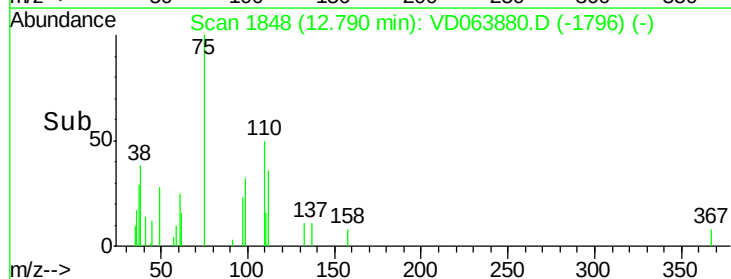
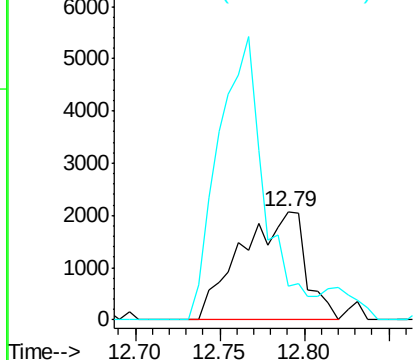
Ion Ratio Lower Upper

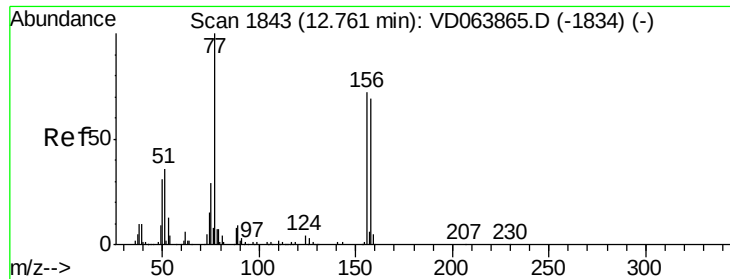
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 2.558 ug/l

RT: 12.76 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

MDL06

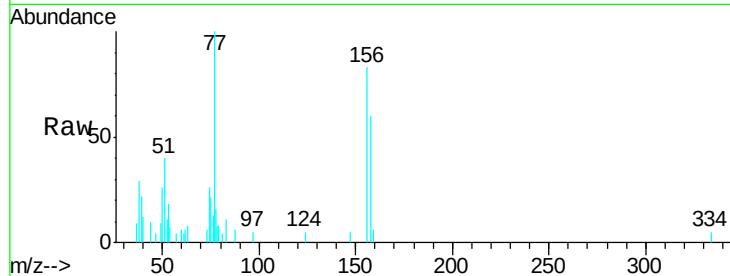
Tgt Ion:156 Resp: 6223

Ion Ratio Lower Upper

156 100

77 168.4 80.3 241.0

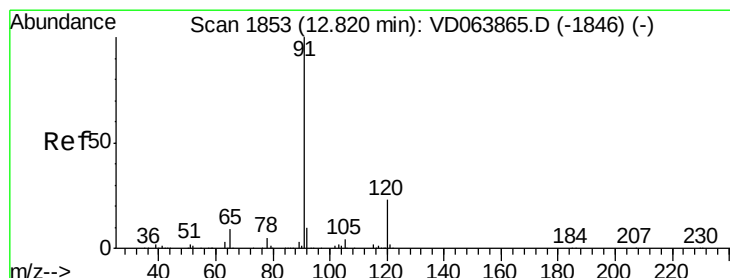
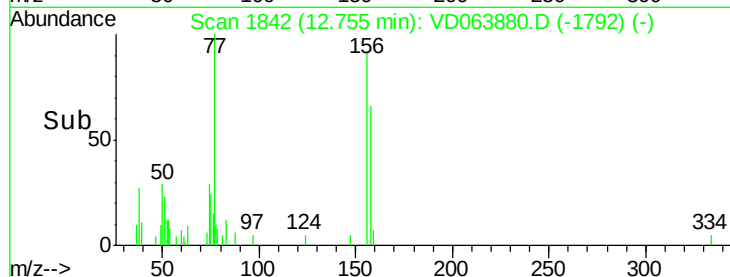
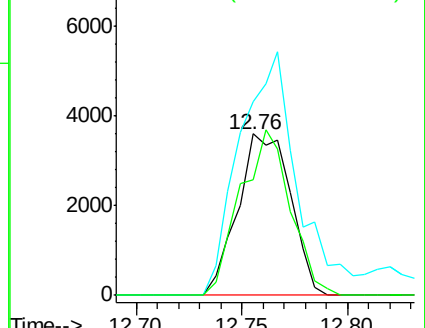
158 97.3 47.4 142.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 2.391 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD063880.D

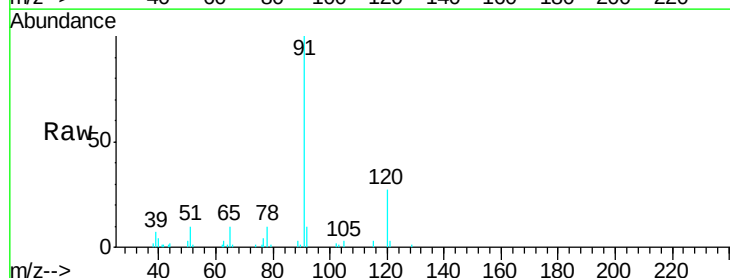
Acq: 03 Oct 2019 17:21

Tgt Ion: 91 Resp: 27396

Ion Ratio Lower Upper

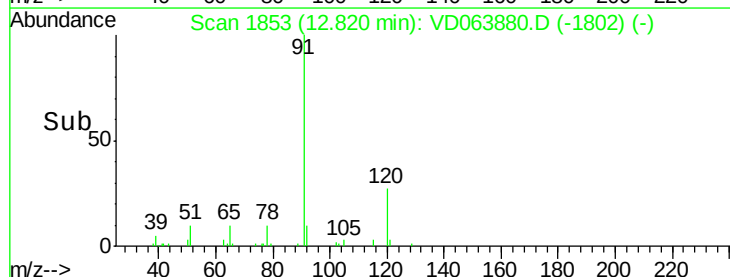
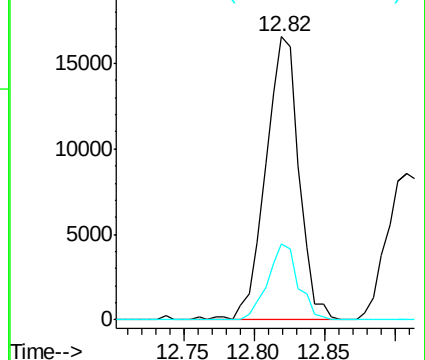
91 100

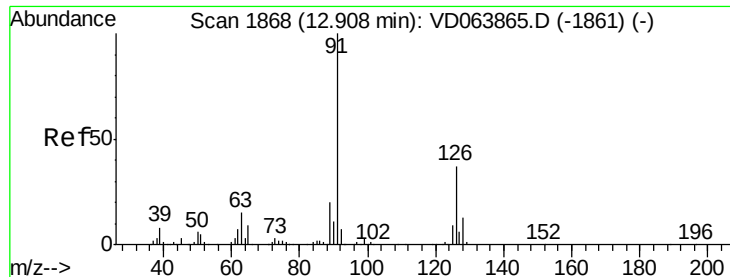
120 24.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 2.513 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

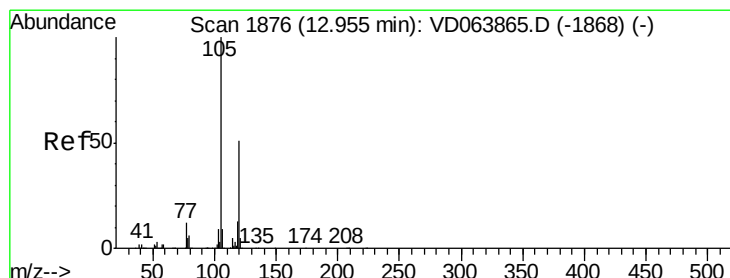
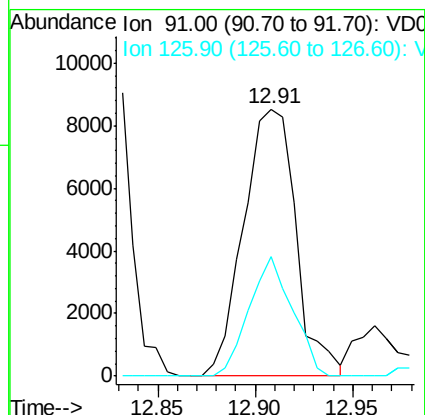
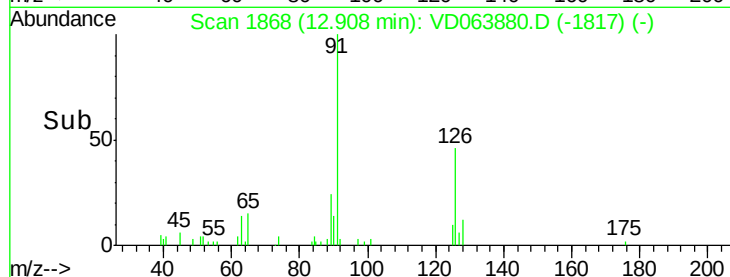
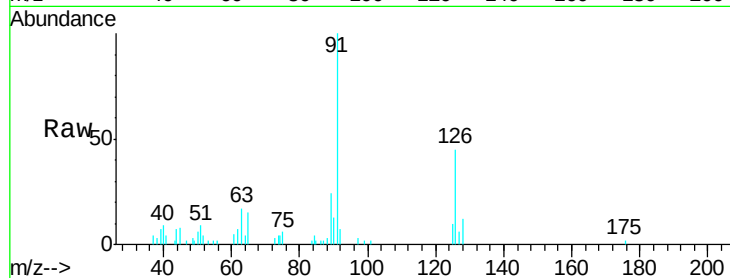
MDL06

Tgt Ion: 91 Resp: 15877

Ion Ratio Lower Upper

91 100

126 37.0 18.4 55.2



#80

1,3,5-Trimethylbenzene

Concen: 2.287 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VD063880.D

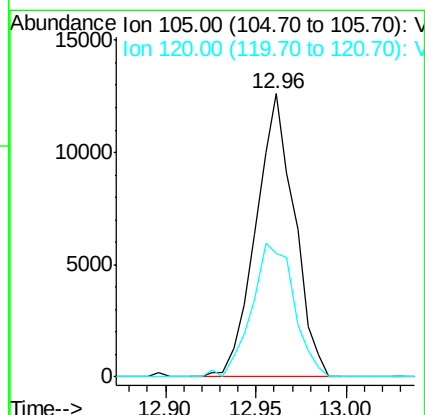
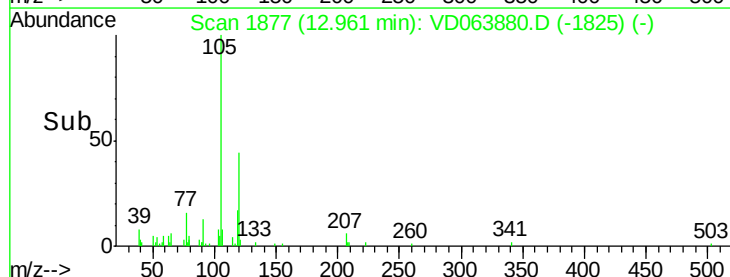
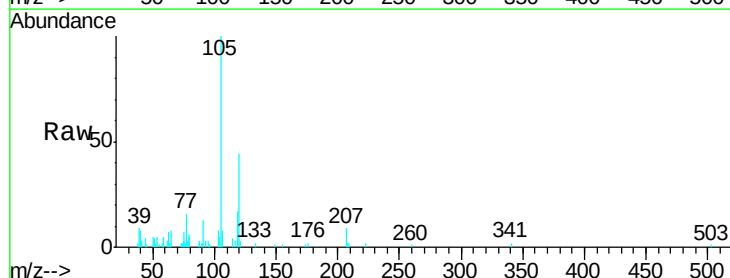
Acq: 03 Oct 2019 17:21

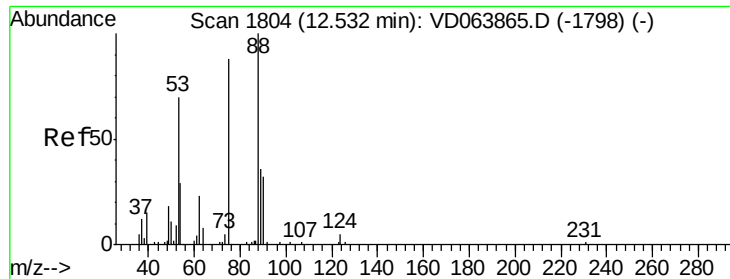
Tgt Ion: 105 Resp: 18626

Ion Ratio Lower Upper

105 100

120 51.8 25.9 77.8





#81

trans-1,4-Dichloro-2-butene

Concen: 113.199 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

MDL06

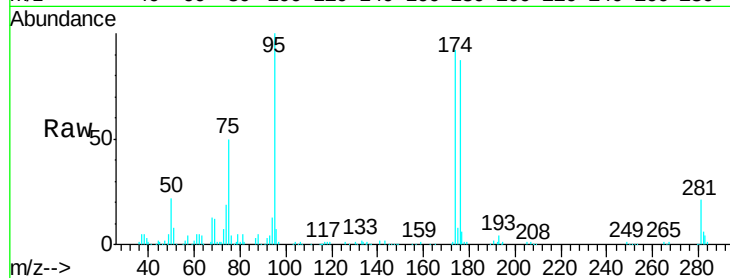
Tgt Ion: 75 Resp: 62223

Ion Ratio Lower Upper

75 100

53 0.1 75.0 112.6#

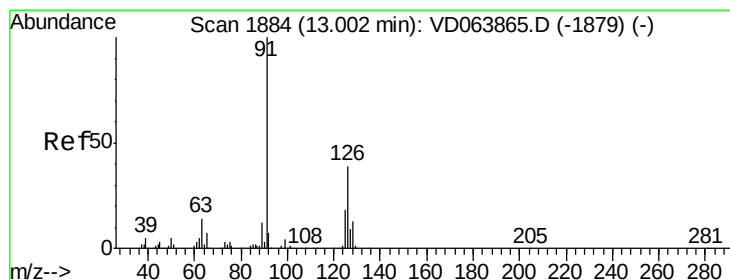
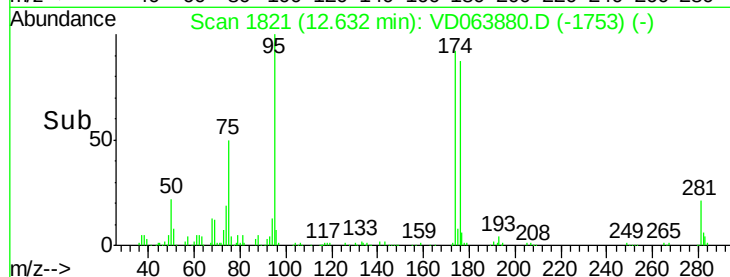
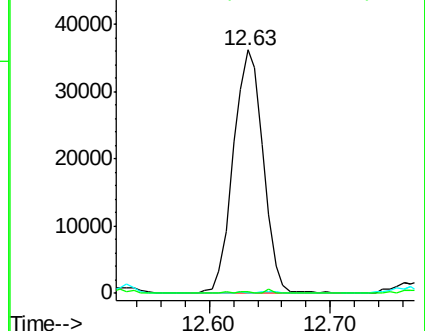
89 0.5 38.2 57.4#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 2.464 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.01 min

Lab File: VD063880.D

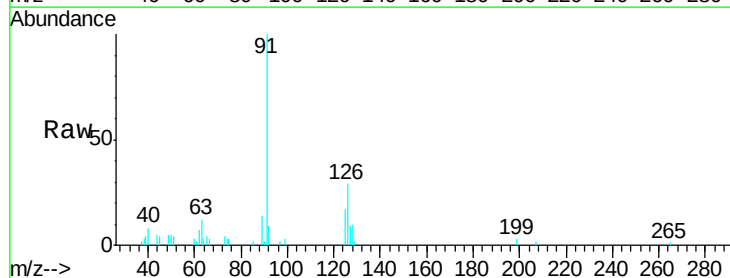
Acq: 03 Oct 2019 17:21

Tgt Ion: 91 Resp: 16519

Ion Ratio Lower Upper

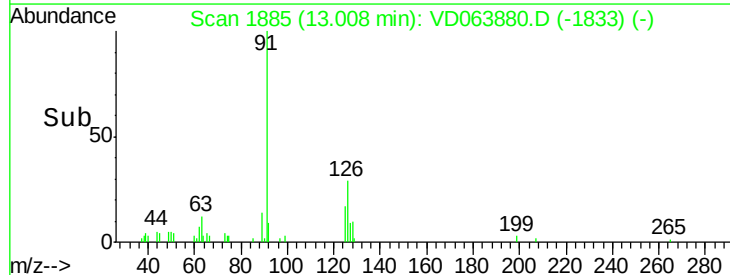
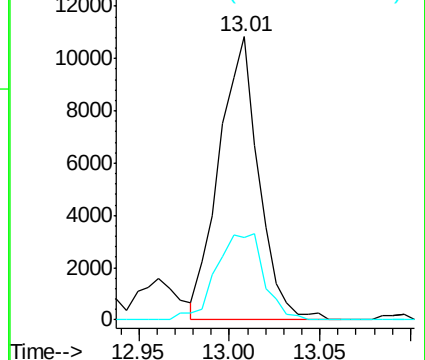
91 100

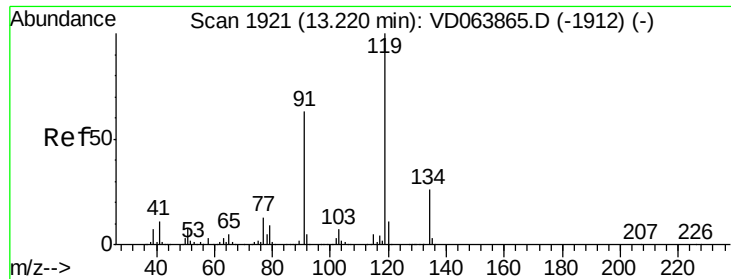
126 36.7 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

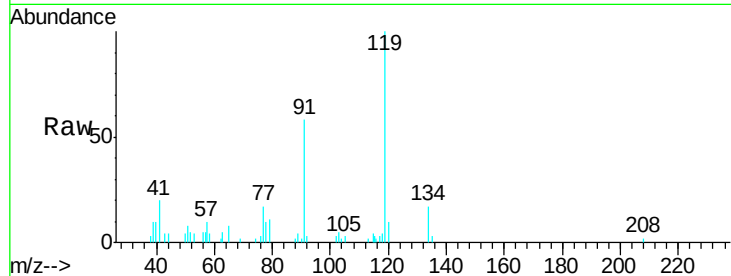




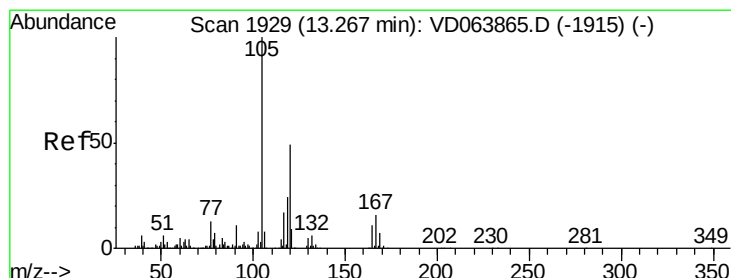
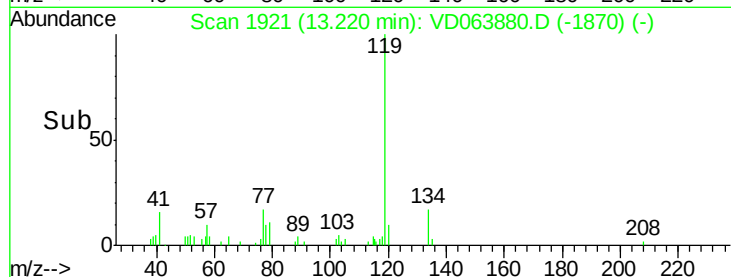
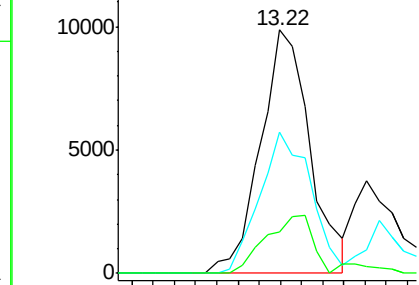
#83
 tert-Butylbenzene
 Concen: 2.220 ug/l
 RT: 13.22 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL06

Tgt Ion:119 Resp: 16092
 Ion Ratio Lower Upper
 119 100
 91 60.0 30.0 90.0
 134 24.1 13.0 38.9

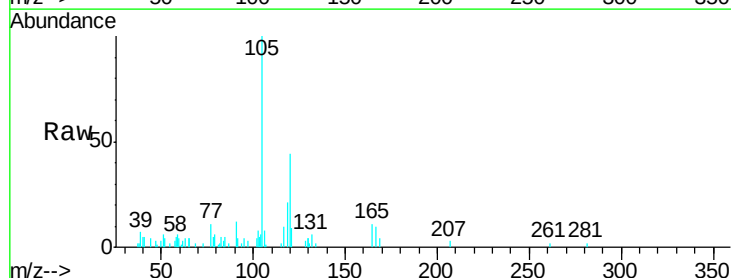


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

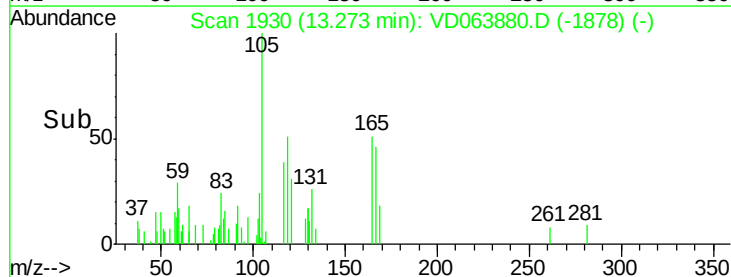
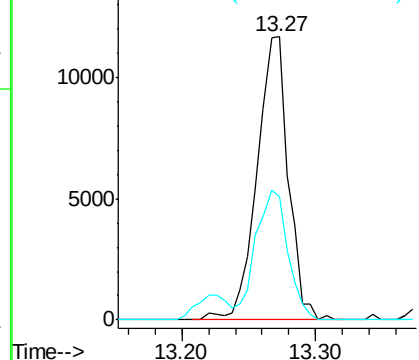


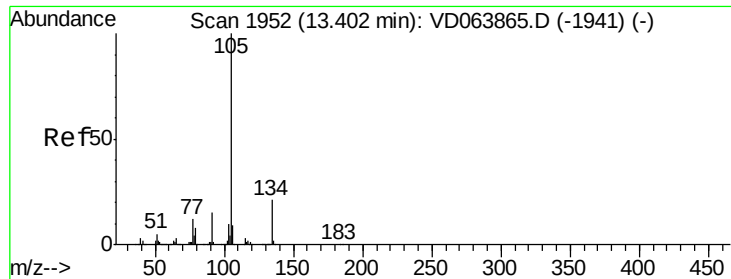
#84
 1,2,4-Trimethylbenzene
 Concen: 2.249 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.01 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

Tgt Ion:105 Resp: 18883
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 2.324 ug/l

RT: 13.40 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

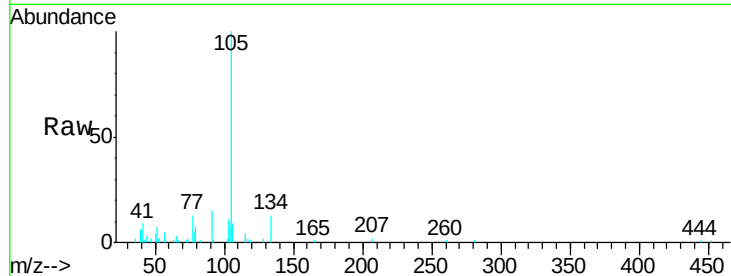
MDL06

Tgt Ion:105 Resp: 22749

Ion Ratio Lower Upper

105 100

134 21.9 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.40

15000

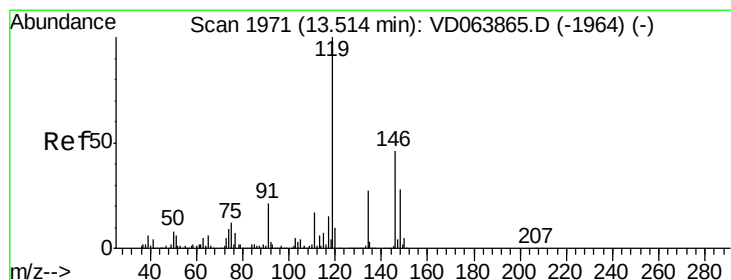
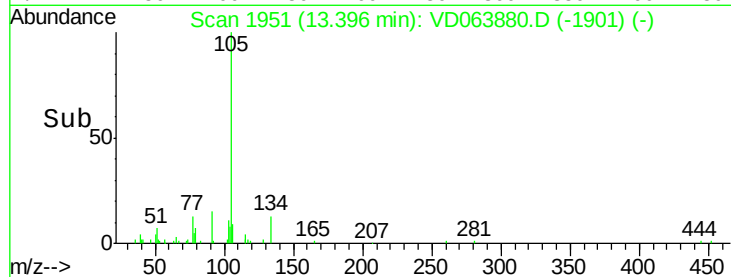
10000

5000

0

13.35 13.40 13.45

Time-->



#86

p-Isopropyltoluene

Concen: 2.096 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

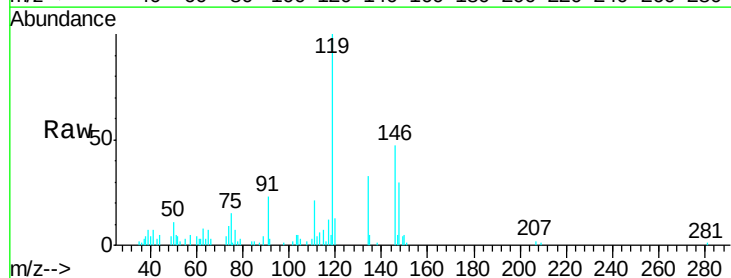
Tgt Ion:119 Resp: 19412

Ion Ratio Lower Upper

119 100

134 30.8 13.9 41.6

91 24.9 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.51

15000

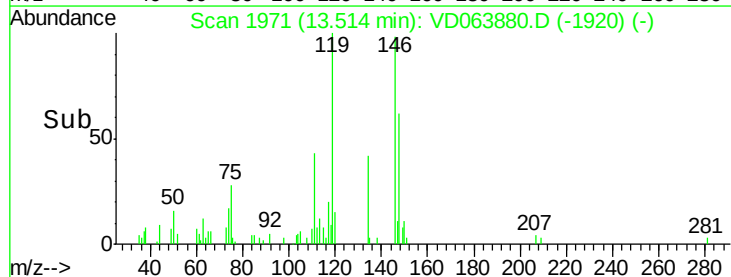
10000

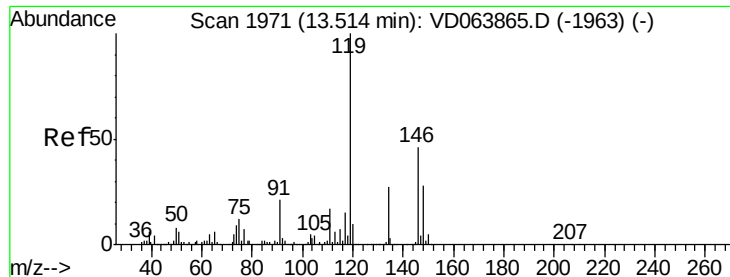
5000

0

13.45 13.50 13.55

Time-->

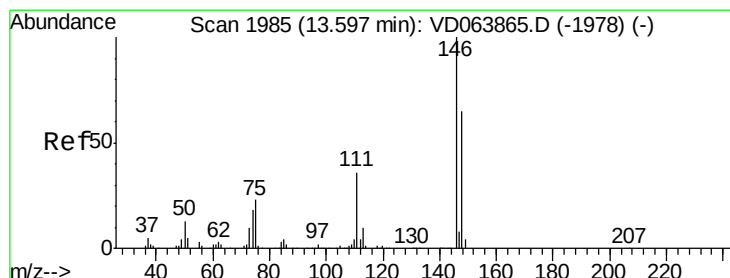
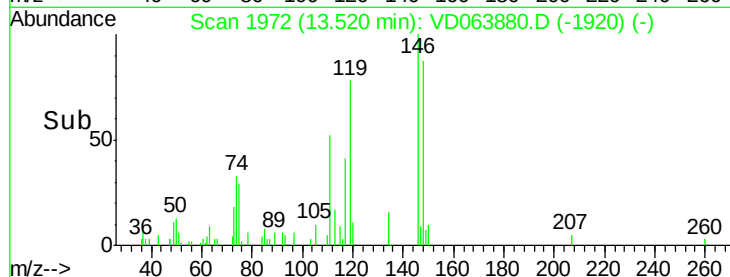
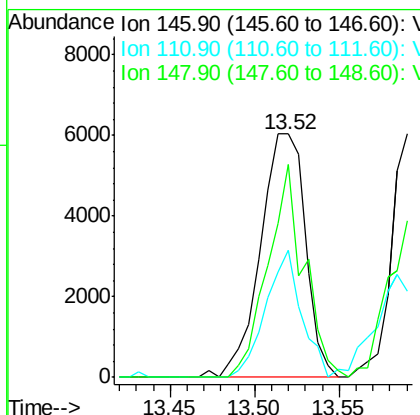
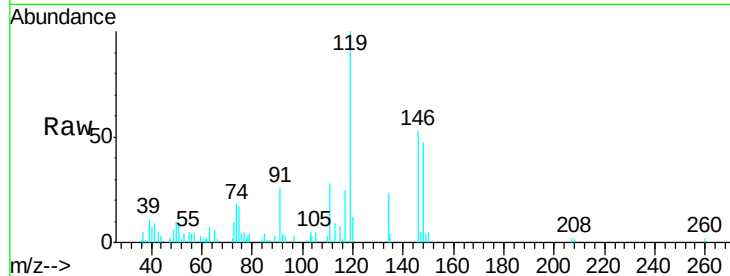




#87
 1,3-Dichlorobenzene
 Concen: 2.307 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.01 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

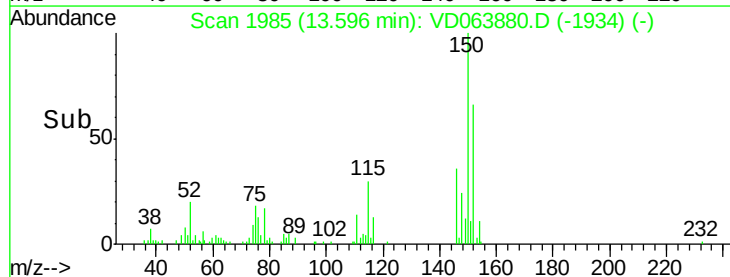
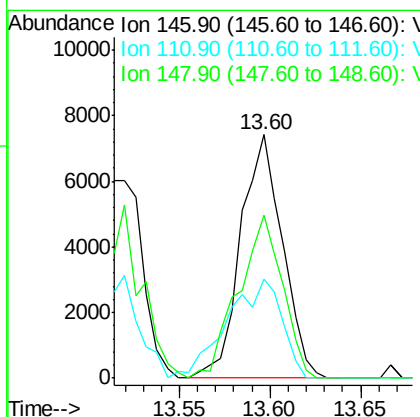
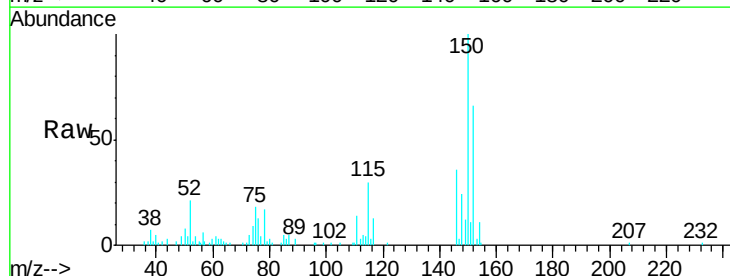
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL06

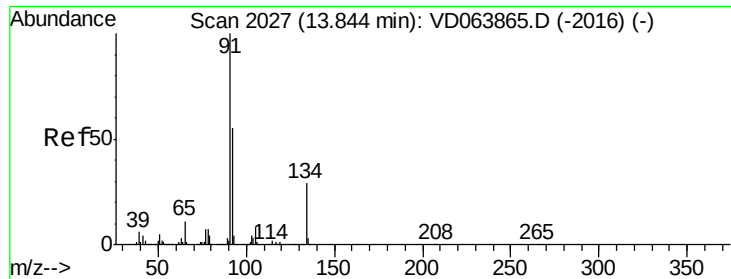
Tgt Ion:146 Resp: 11088
 Ion Ratio Lower Upper
 146 100
 111 42.7 18.3 54.9
 148 70.4 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 2.515 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

Tgt Ion:146 Resp: 11923
 Ion Ratio Lower Upper
 146 100
 111 51.9 18.6 56.0
 148 70.4 32.6 98.0

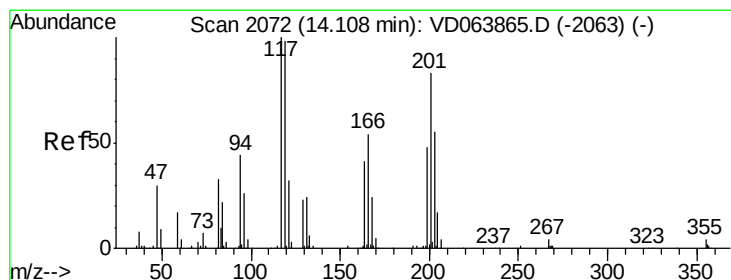
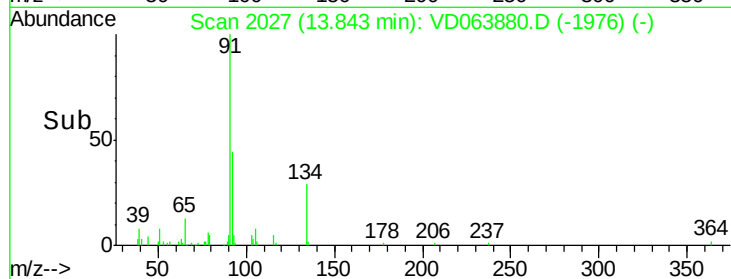
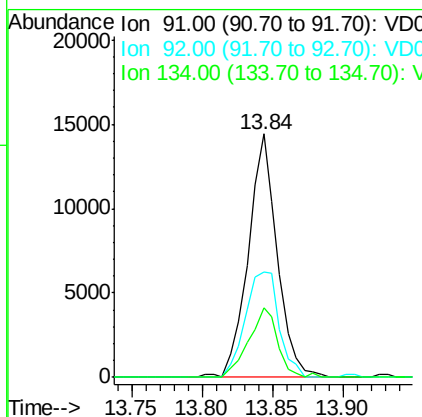
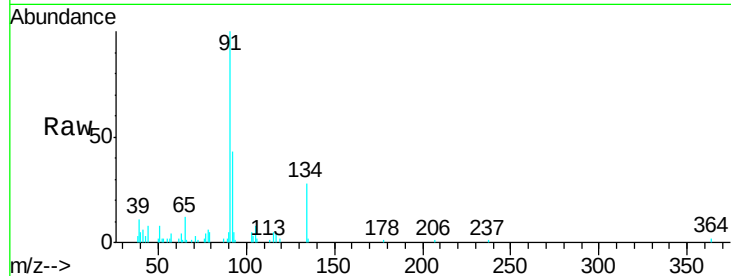




#89
n-Butylbenzene
Concen: 2.399 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD063880.D
Acq: 03 Oct 2019 17:21

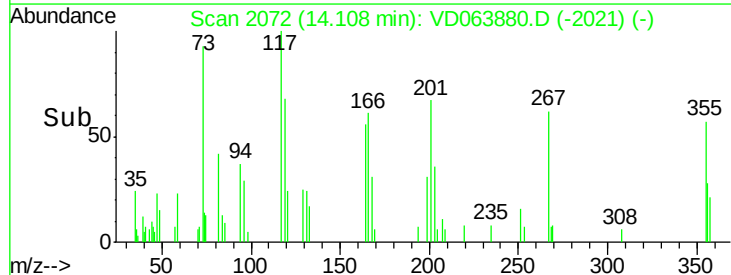
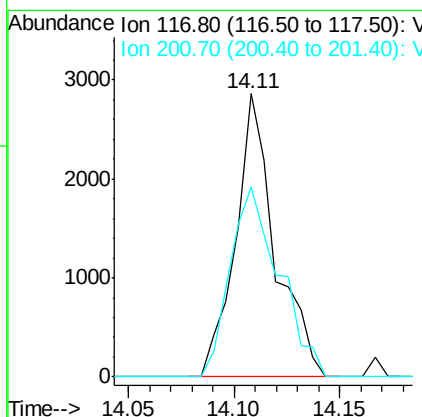
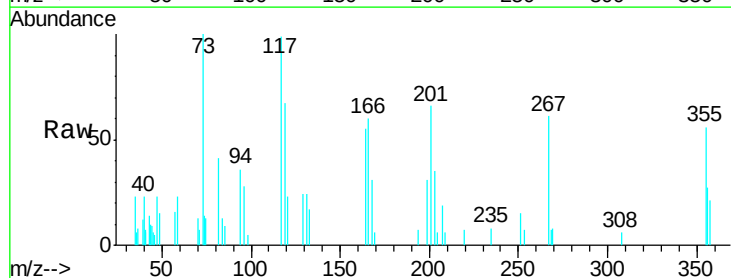
Instrument :
MSVOA_D
ClientSampleId :
MDL06

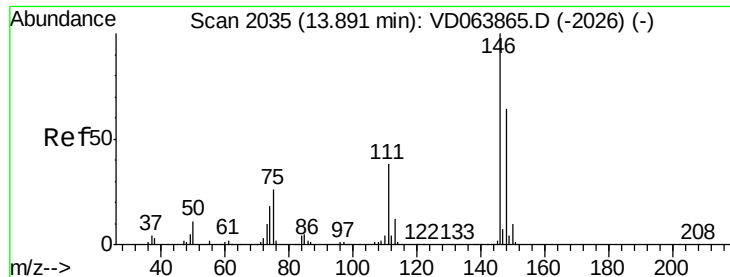
Tgt Ion: 91 Resp: 20688
Ion Ratio Lower Upper
91 100
92 50.6 26.8 80.3
134 28.7 14.4 43.0



#90
Hexachloroethane
Concen: 2.225 ug/l
RT: 14.11 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VD063880.D
Acq: 03 Oct 2019 17:21

Tgt Ion: 117 Resp: 3707
Ion Ratio Lower Upper
117 100
201 83.0 40.6 121.7

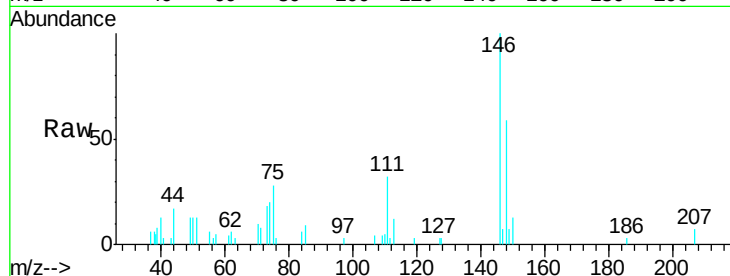




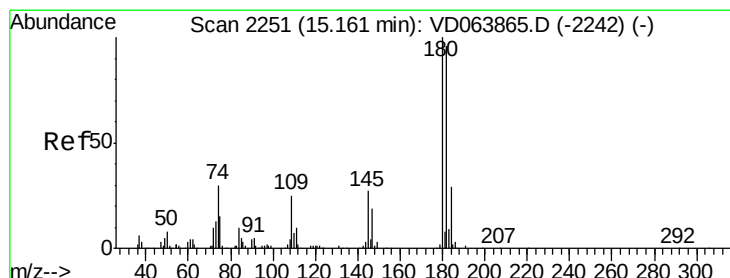
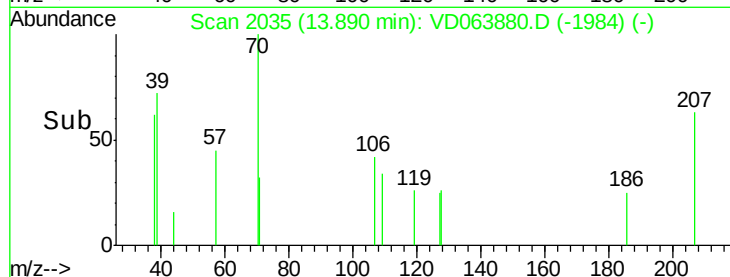
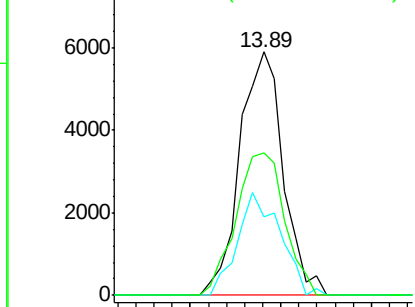
#91
 1,2-Dichlorobenzene
 Concen: 2.375 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL06

Tgt Ion:146 Resp: 9837
 Ion Ratio Lower Upper
 146 100
 111 41.7 18.6 55.6
 148 65.8 31.6 95.0

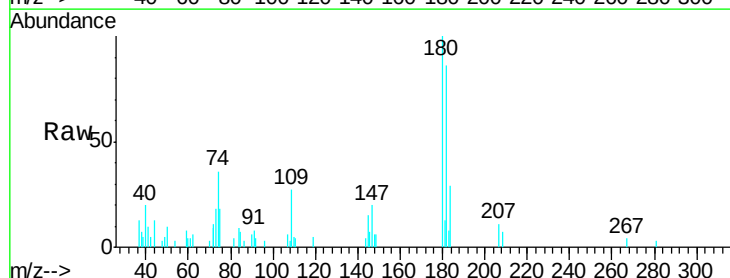


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

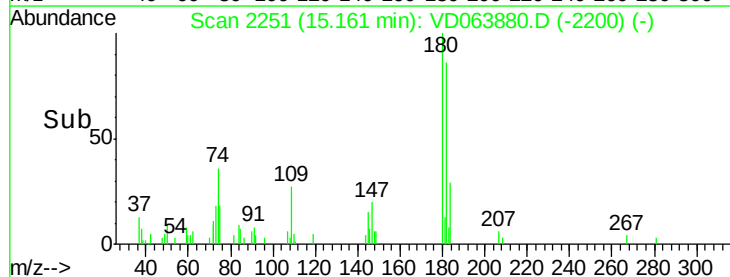
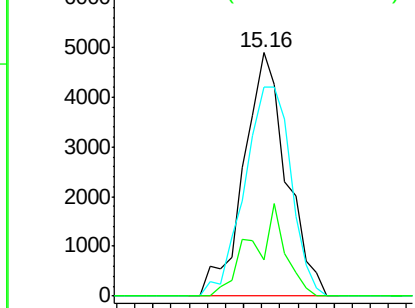


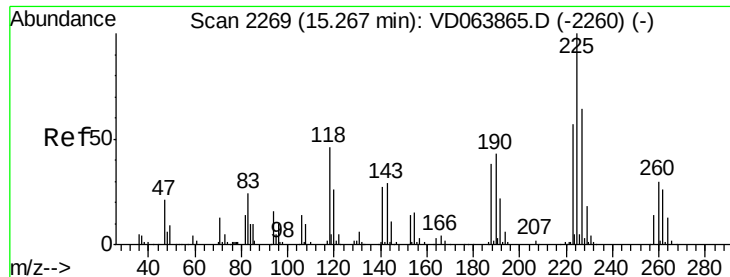
#93
 1,2,4-Trichlorobenzene
 Concen: 2.517 ug/l
 RT: 15.16 min Scan# 2251
 Delta R.T. -0.00 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

Tgt Ion:180 Resp: 8043
 Ion Ratio Lower Upper
 180 100
 182 92.9 47.4 142.3
 145 29.9 13.9 41.7



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





#94

Hexachlorobutadiene

Concen: 2.570 ug/l

RT: 15.27 min Scan# 2269

Delta R.T. -0.00 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

MDL06

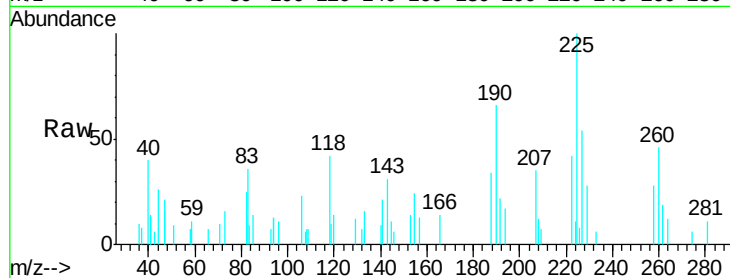
Tgt Ion:225 Resp: 4532

Ion Ratio Lower Upper

225 100

223 55.8 29.5 88.6

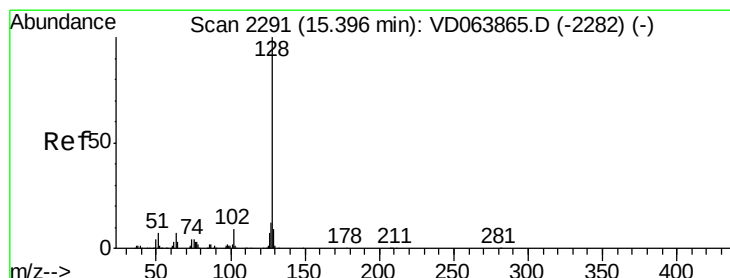
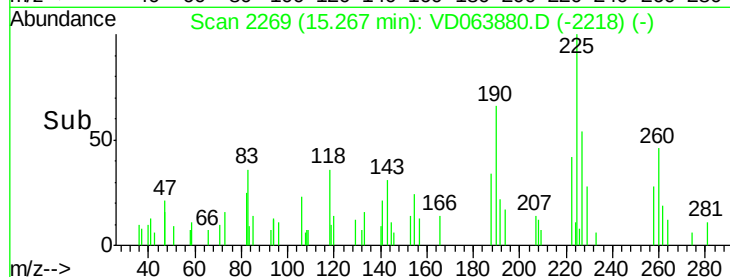
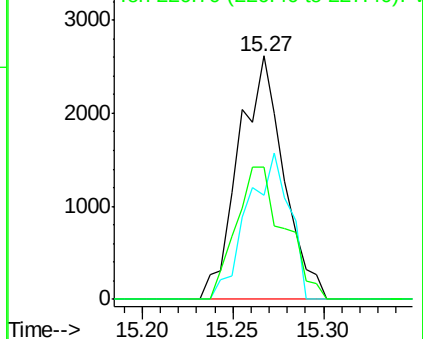
227 57.9 30.8 92.4



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 2.239 ug/l

RT: 15.40 min Scan# 2291

Delta R.T. -0.00 min

Lab File: VD063880.D

Acq: 03 Oct 2019 17:21

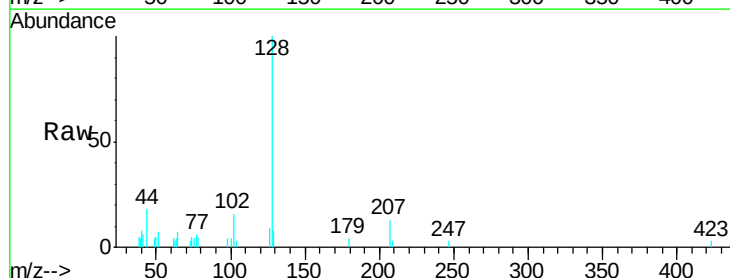
Tgt Ion:128 Resp: 12028

Ion Ratio Lower Upper

128 100

127 5.5 10.6 16.0#

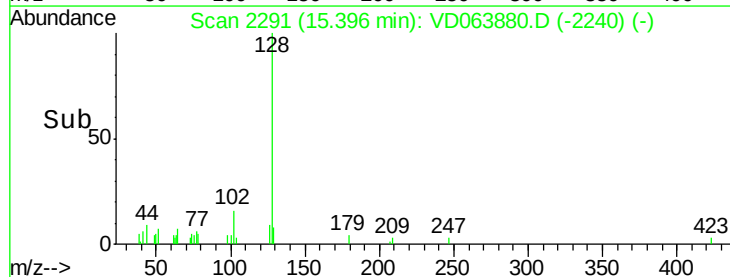
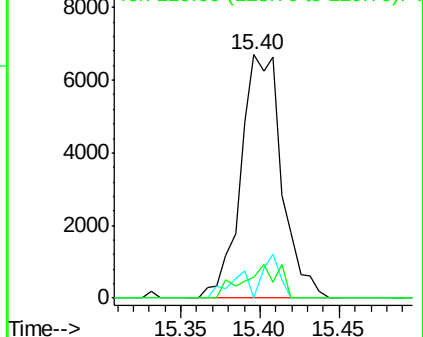
129 0.0 8.6 13.0#

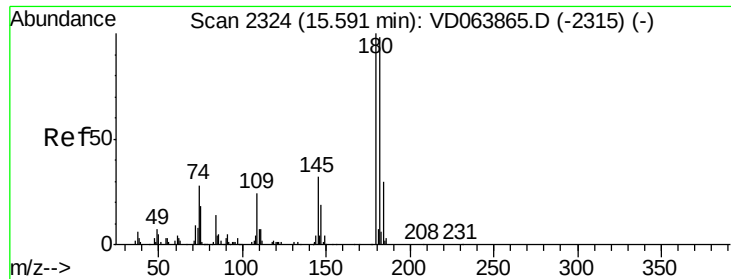


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

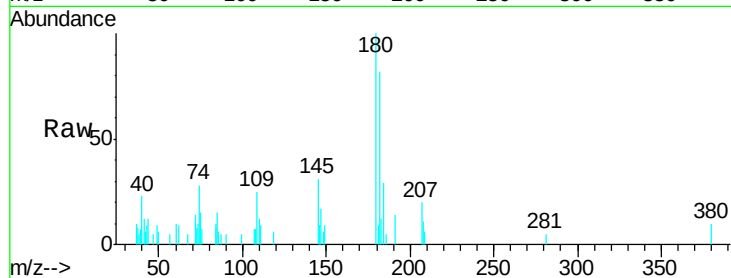




#96
 1,2,3-Trichlorobenzene
 Concen: 2.226 ug/l
 RT: 15.59 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: VD063880.D
 Acq: 03 Oct 2019 17:21

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL06

Tgt Ion:180 Resp: 6138
 Ion Ratio Lower Upper
 180 100
 182 101.1 47.0 141.0
 145 39.3 15.3 45.9



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

