

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\
 Data File : VD067073.D
 Acq On : 05 Oct 2020 10:25
 Operator : VA/SY
 Sample : VD1005SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBL01

Quant Time: Oct 06 07:13:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	552567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	890961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	806628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	376320	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	256050	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	
35) Dibromofluoromethane	7.91	113	277656	47.60	ug/l	0.00
Spiked Amount			Recovery	=	95.20%	
50) Toluene-d8	10.34	98	1025653	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	
62) 4-Bromofluorobenzene	12.63	95	346693	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	

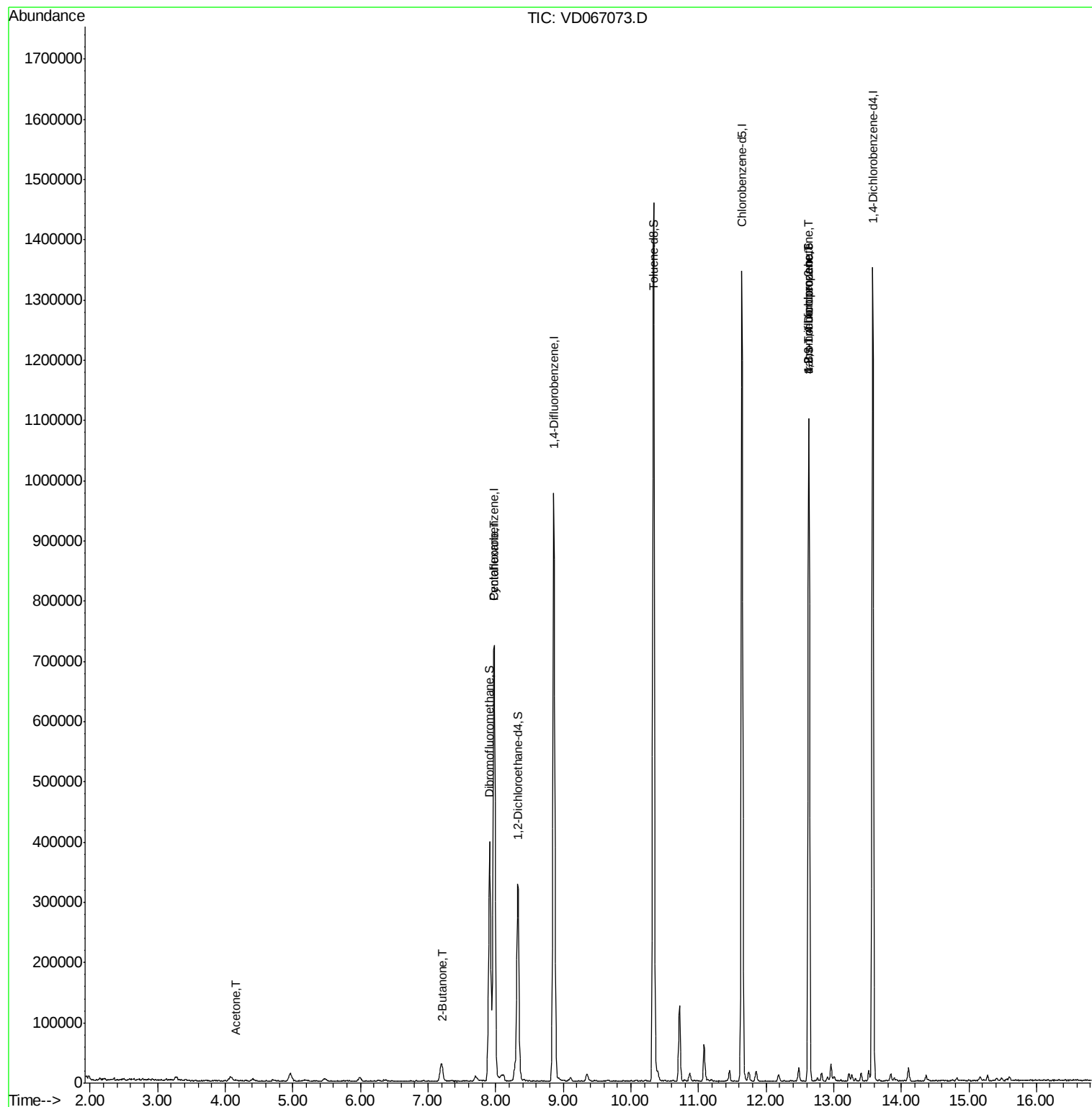
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	3214	Below Cal		79
5) Bromomethane	2.77	94	1906	Below Cal	#	64
11) Tert butyl alcohol	5.23	59	224	Below Cal	#	72
16) Acetone	4.17	43	2665	3.280	ug/l	92
20) Methylene Chloride	4.97	84	9720	Below Cal	#	79
25) 2-Butanone	7.21	43	1244	1.080	ug/l	# 73
26) 2,2-Dichloropropane	7.18	77	1964	Below Cal	#	53
31) Cyclohexane	7.98	56	14206	1.777	ug/l	# 1
76) 1,2,3-Trichloropropane	12.63	75	171157	52.216	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.63	75	171157	130.181	ug/l	# 12

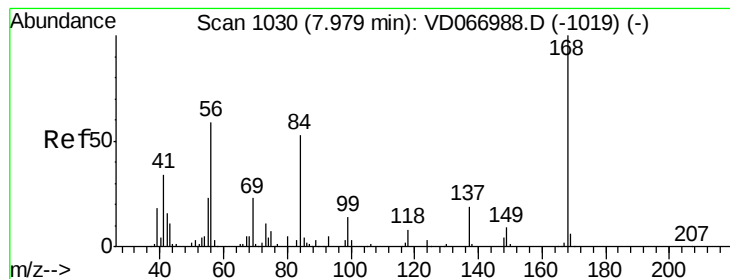
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100520\
Data File : VD067073.D
Acq On : 05 Oct 2020 10:25
Operator : VA/SY
Sample : VD1005SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1005SBL01

Quant Time: Oct 06 07:13:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067073.D

Acq: 05 Oct 2020 10:25

Instrument :

MSVOA_D

ClientSampleId :

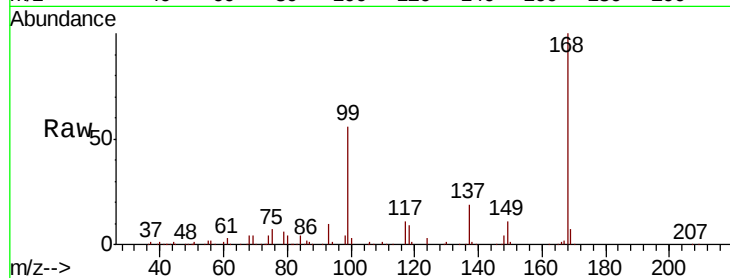
VD1005SBL01

Tot Ion:168 Resp: 552567

Ion Ratio Lower Upper

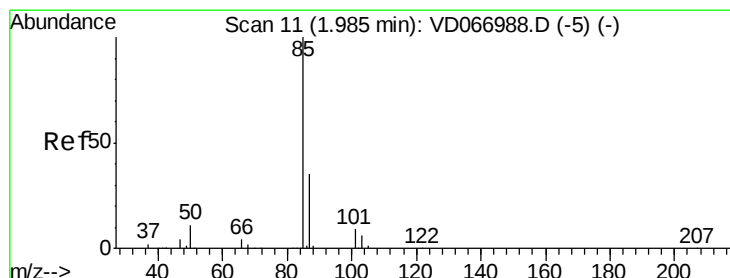
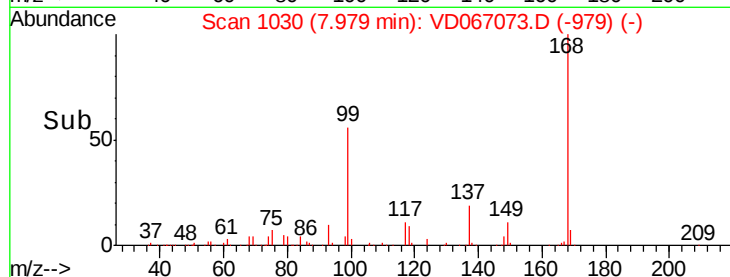
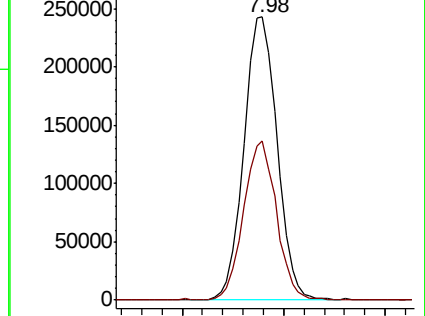
168 100

99 55.8 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067073.D

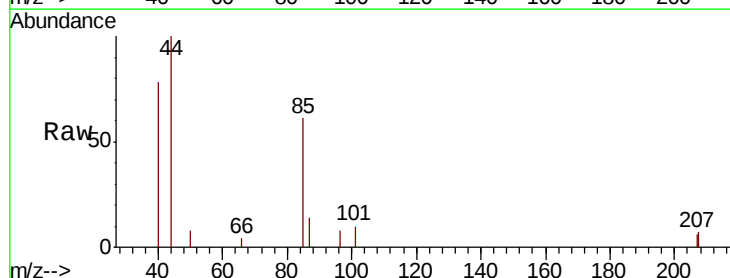
Acq: 05 Oct 2020 10:25

Tgt Ion: 85 Resp: 3214

Ion Ratio Lower Upper

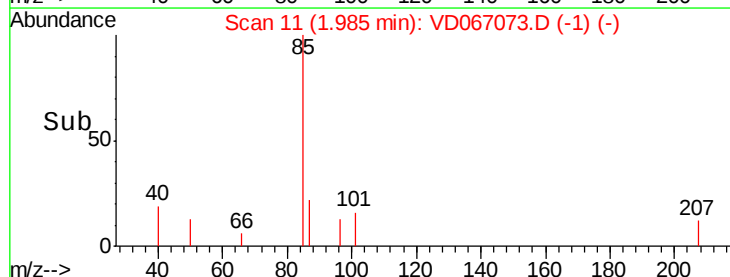
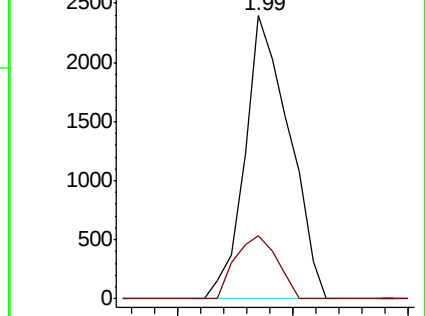
85 100

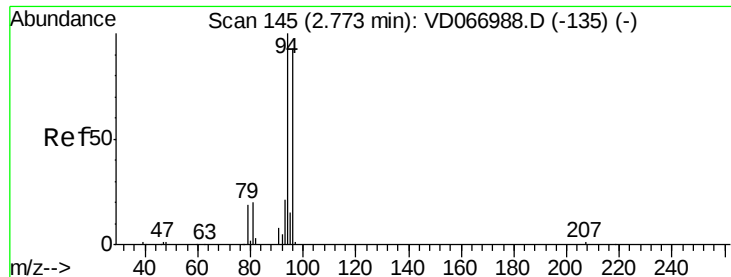
87 22.3 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067073.D

Acq: 05 Oct 2020 10:25

Instrument :

MSVOA_D

ClientSampleId :

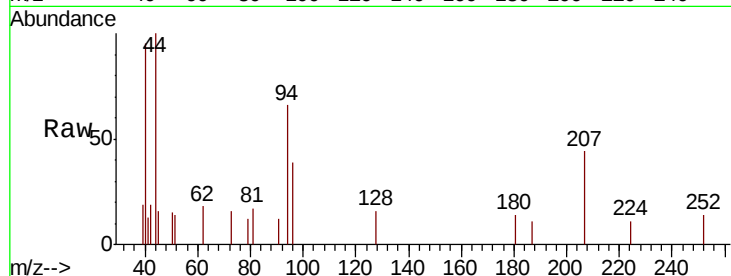
VD1005SBL01

Tot Ion: 94 Resp: 1906

Ion Ratio Lower Upper

94 100

96 59.2 74.6 112.0#

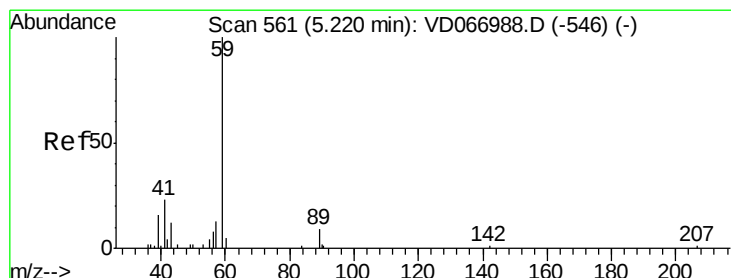
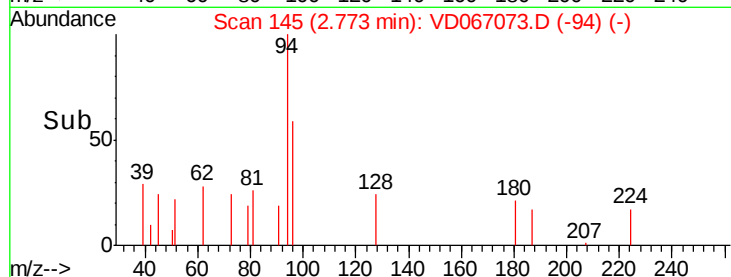


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

Time--> 2.70 2.75 2.80 2.85



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.23 min Scan# 563

Delta R.T. 0.01 min

Lab File: VD067073.D

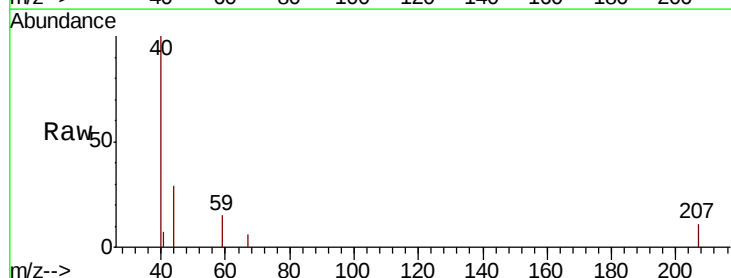
Acq: 05 Oct 2020 10:25

Tgt Ion: 59 Resp: 224

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#

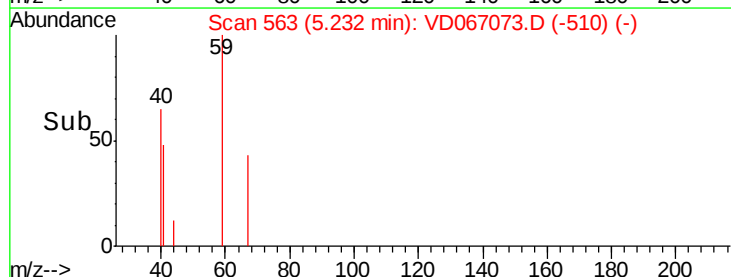


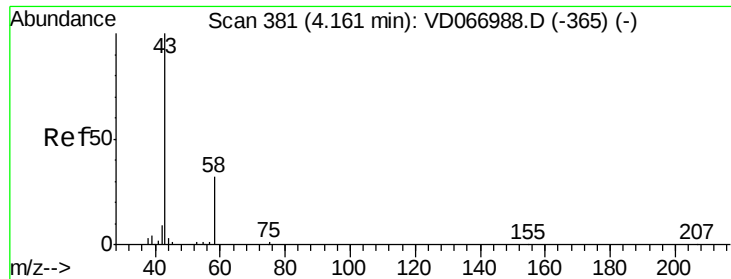
Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.23

Time--> 5.22 5.23 5.24 5.25





#16

Acetone

Concen: 3.280 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD067073.D

Acq: 05 Oct 2020 10:25

Instrument :

MSVOA_D

ClientSampleId :

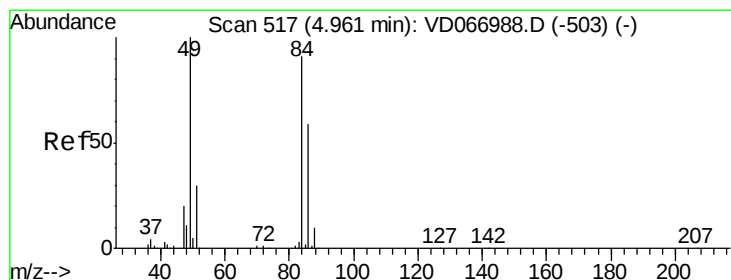
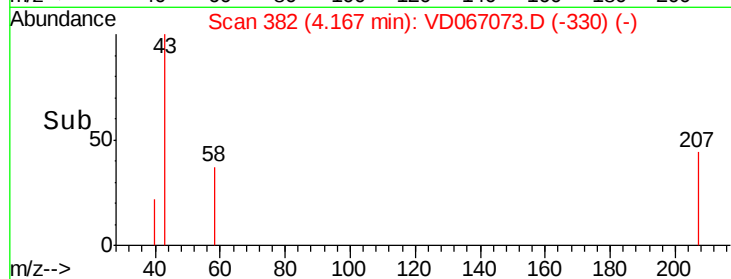
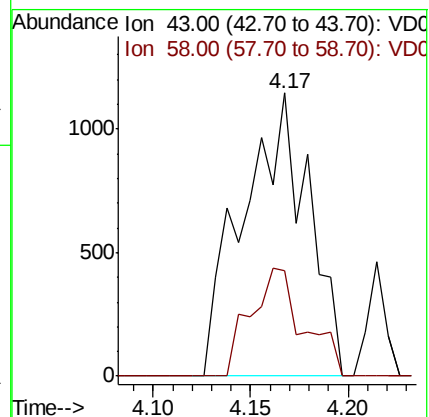
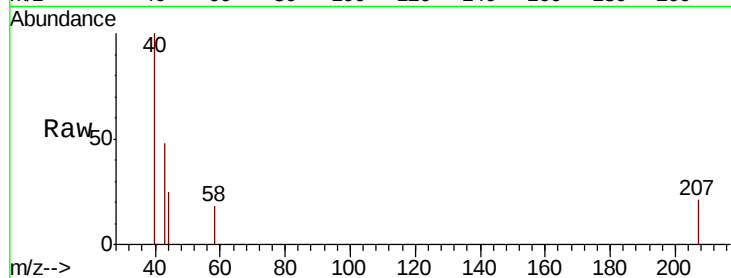
VD1005SBL01

Tot Ion: 43 Resp: 2665

Ion Ratio Lower Upper

43 100

58 37.1 25.9 38.9



#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD067073.D

Acq: 05 Oct 2020 10:25

Tgt Ion: 84 Resp: 9720

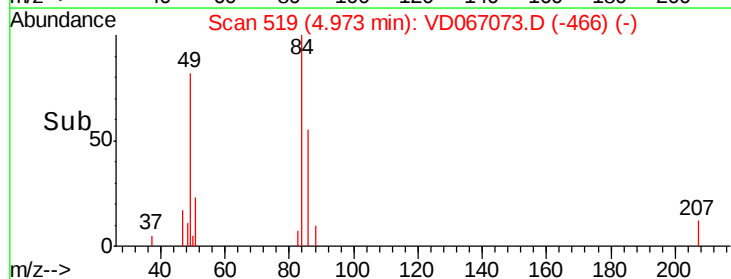
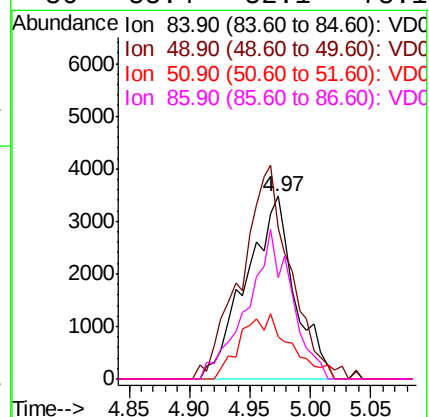
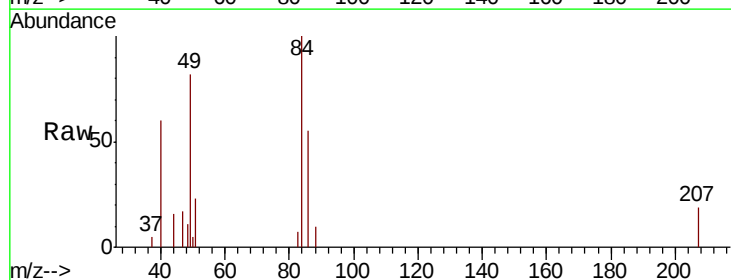
Ion Ratio Lower Upper

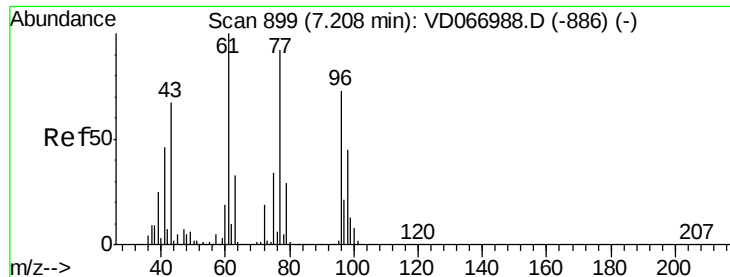
84 100

49 82.3 88.2 132.2#

51 22.8 26.6 39.8#

86 55.4 52.1 78.1





#25

2-Butanone

Concen: 1.080 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD067073.D

Acq: 05 Oct 2020 10:25

Instrument :

MSVOA_D

ClientSampleId :

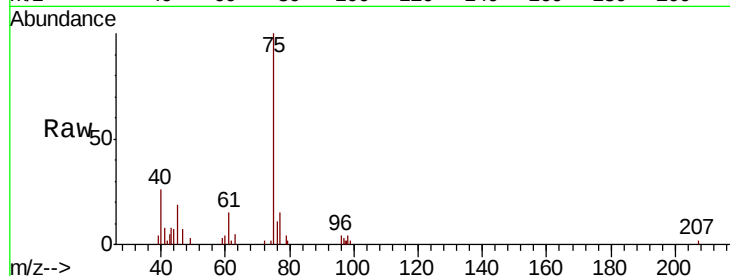
VD1005SBL01

Tot Ion: 43 Resp: 1244

Ion Ratio Lower Upper

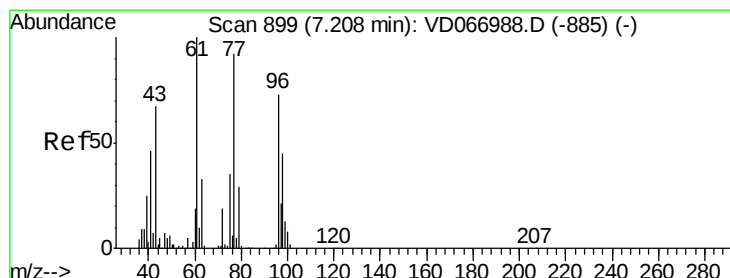
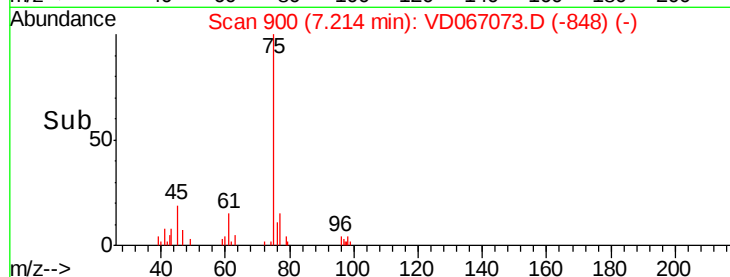
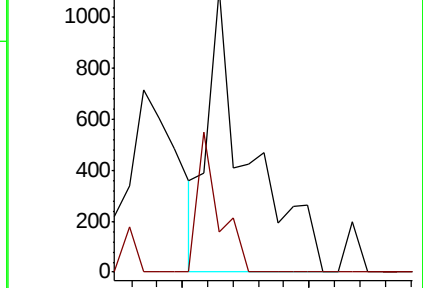
43 100

72 14.4 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.18 min Scan# 895

Delta R.T. -0.02 min

Lab File: VD067073.D

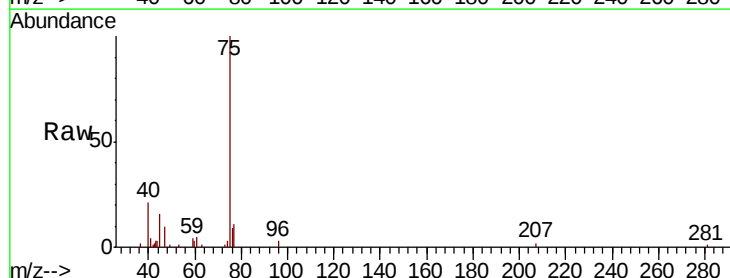
Acq: 05 Oct 2020 10:25

Tgt Ion: 77 Resp: 1964

Ion Ratio Lower Upper

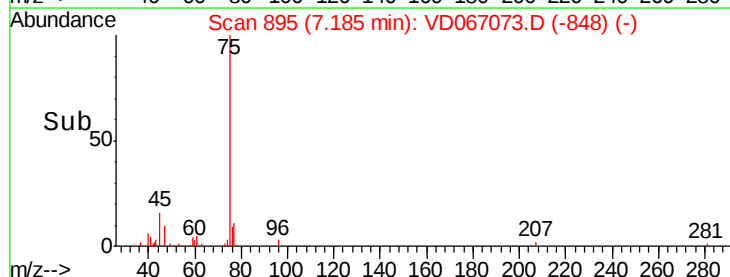
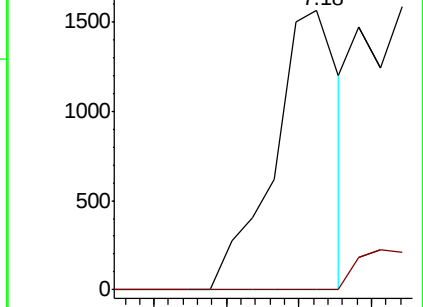
77 100

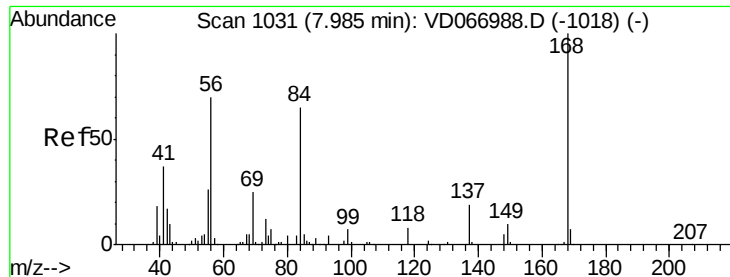
97 0.0 11.4 34.2#



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

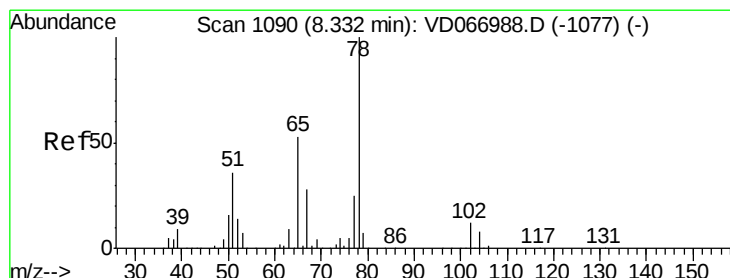
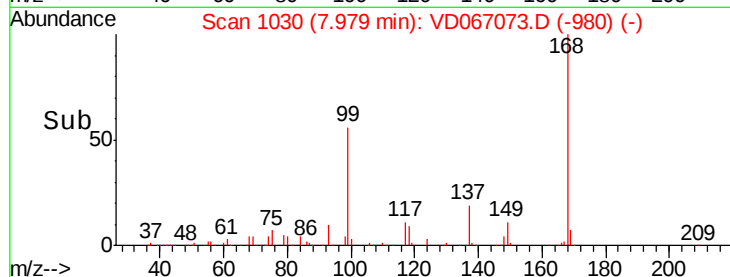
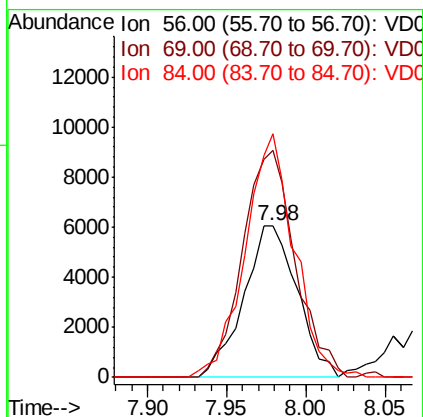
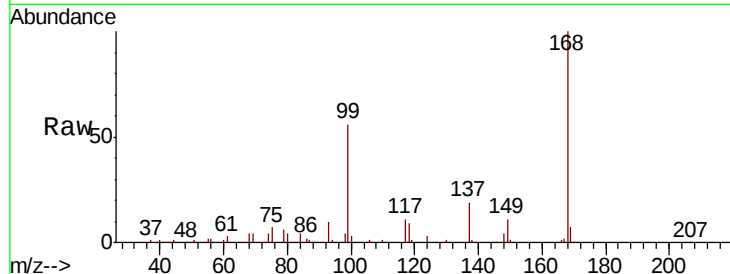




#31
Cyclohexane
Concen: 1.777 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD067073.D
Acq: 05 Oct 2020 10:25

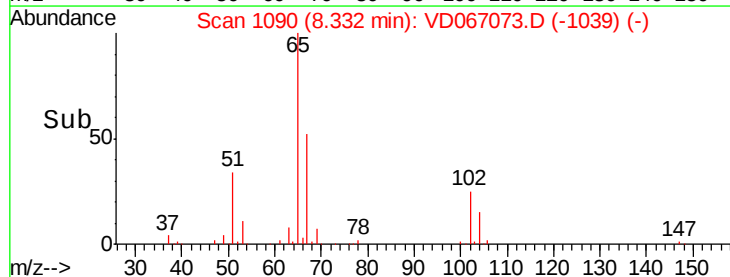
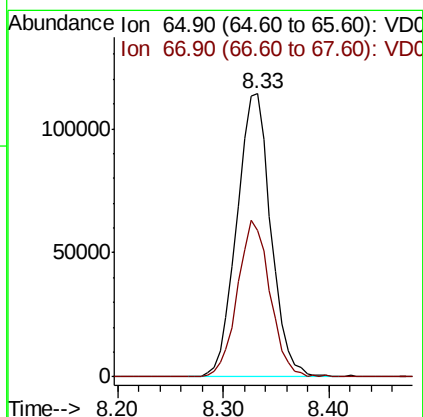
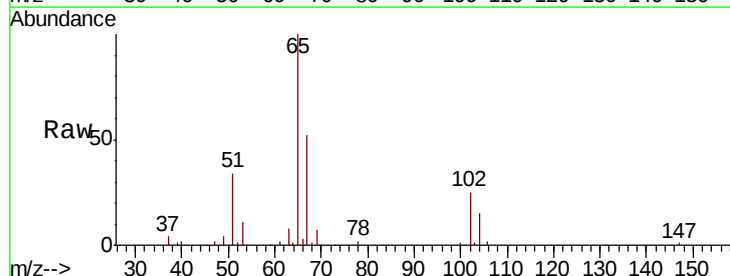
Instrument :
MSVOA_D
ClientSampleId :
VD1005SBL01

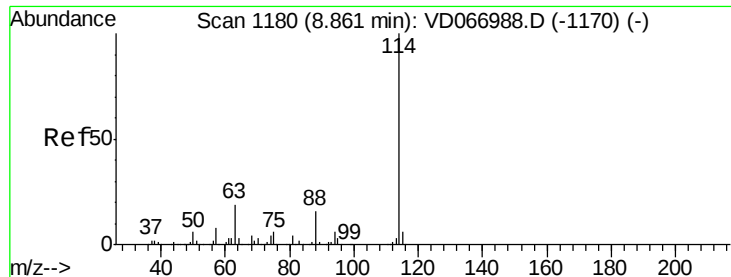
Tot Ion: 56 Resp: 14206
Ion Ratio Lower Upper
56 100
69 149.4 29.0 43.6#
84 160.5 74.2 111.2#



#33
1,2-Dichloroethane-d4
Concen: 48.109 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD067073.D
Acq: 05 Oct 2020 10:25

Tgt Ion: 65 Resp: 256050
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.8

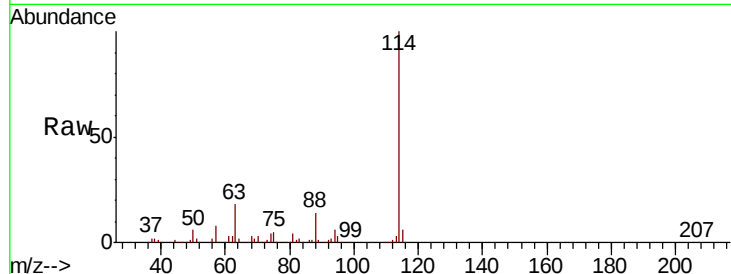




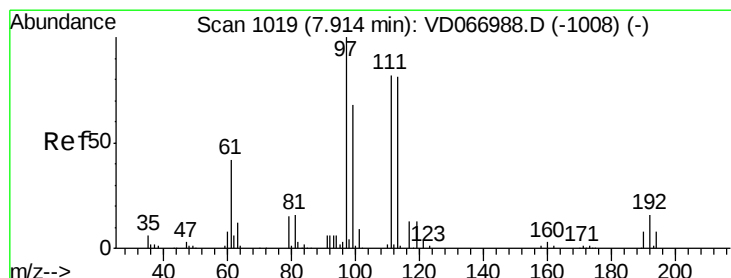
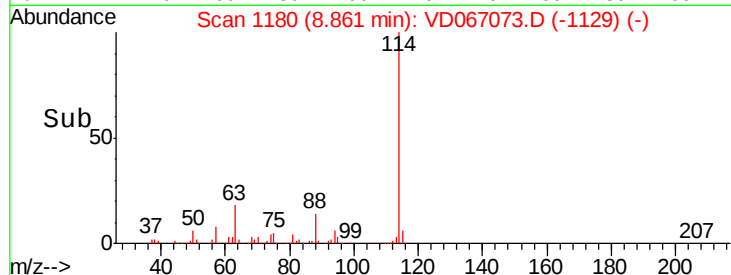
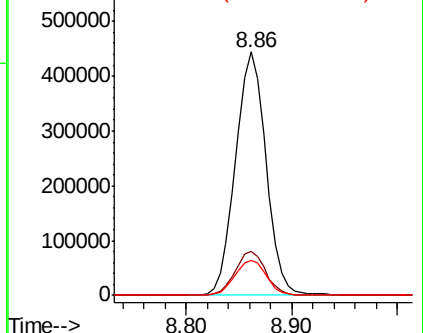
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067073.D
 Acq: 05 Oct 2020 10:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	38.4
88	14.2	0.0	31.2

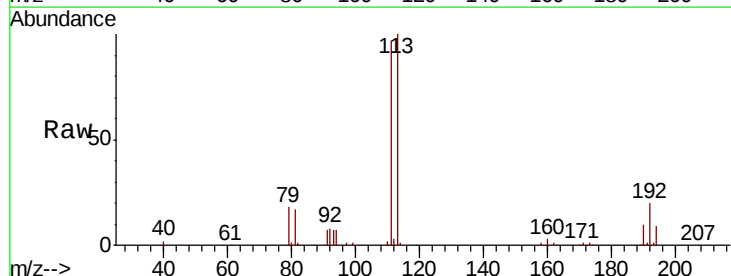


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

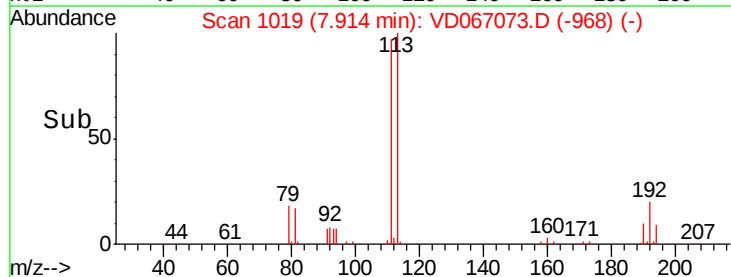
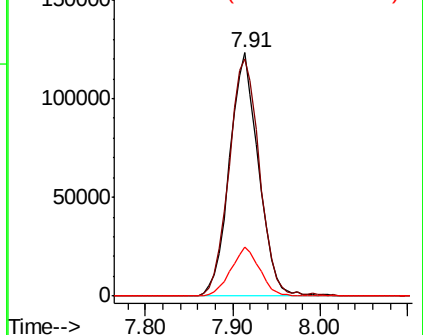


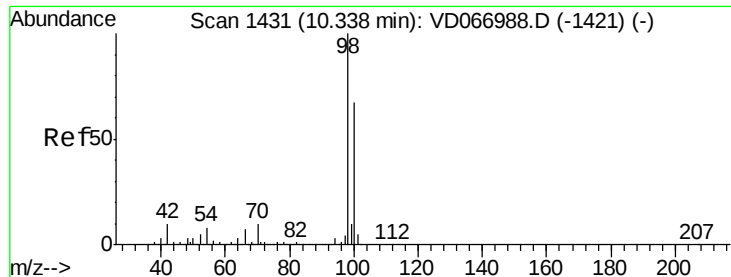
#35
 Dibromofluoromethane
 Concen: 47.601 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067073.D
 Acq: 05 Oct 2020 10:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.0	124.4
192	19.8	15.5	23.3



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

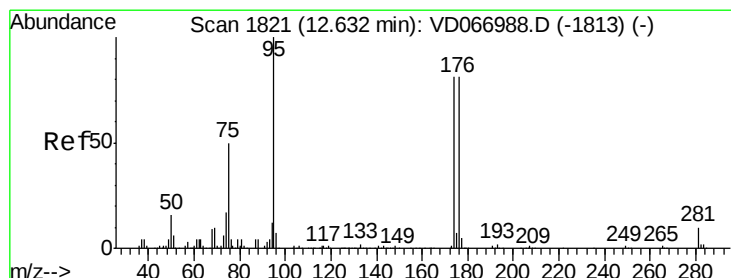
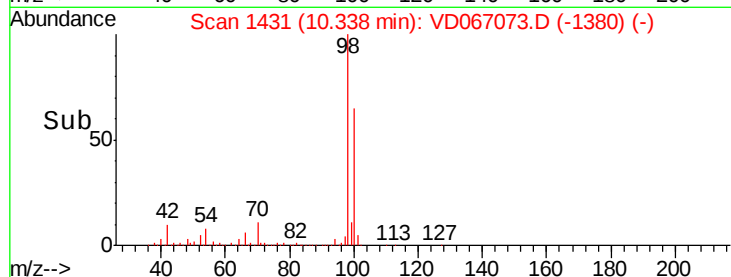
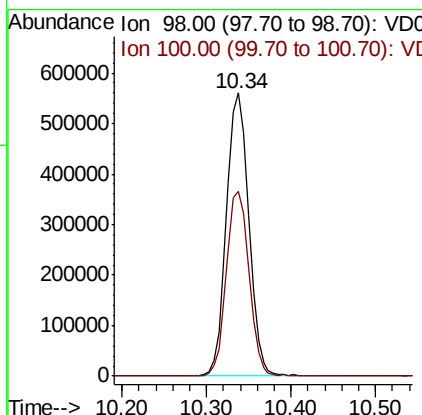
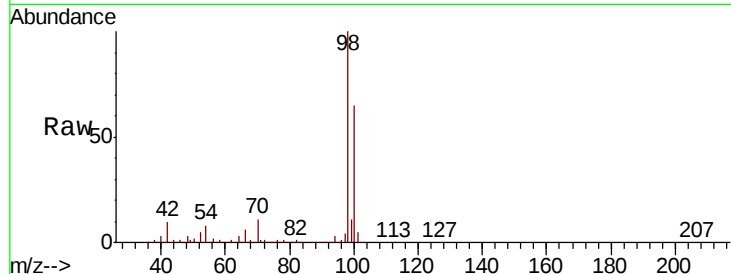




#50
Toluene-d8
Concen: 48.256 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067073.D
Acq: 05 Oct 2020 10:25

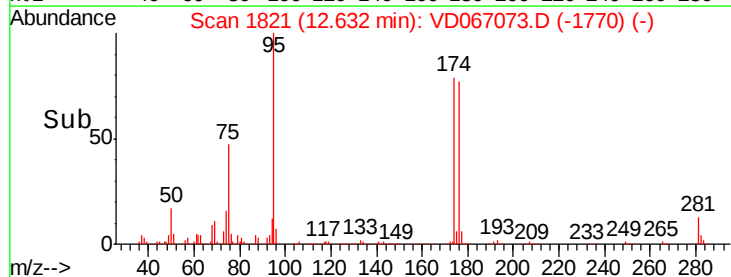
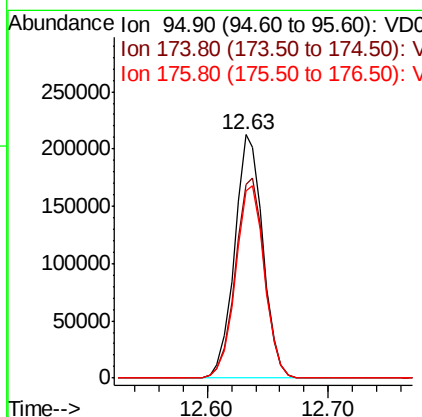
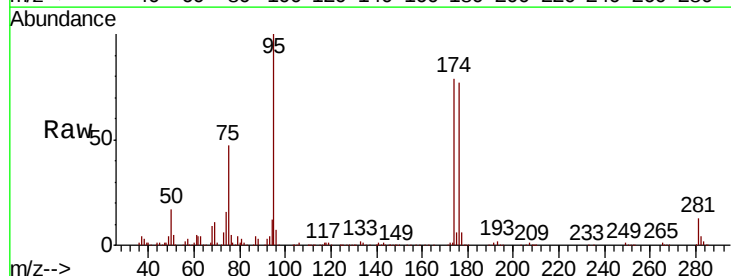
Instrument :
MSVOA_D
ClientSampleId :
VD1005SBL01

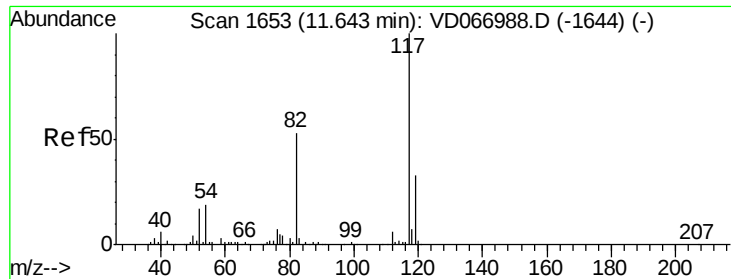
Tot Ion: 98 Resp: 1025653
Ion Ratio Lower Upper
98 100
100 65.9 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 48.049 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD067073.D
Acq: 05 Oct 2020 10:25

Tgt Ion: 95 Resp: 346693
Ion Ratio Lower Upper
95 100
174 84.1 0.0 167.6
176 80.9 0.0 162.4

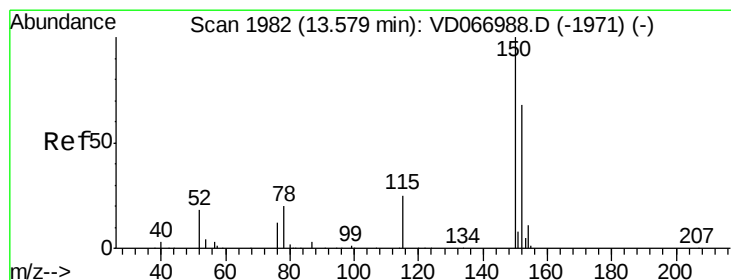
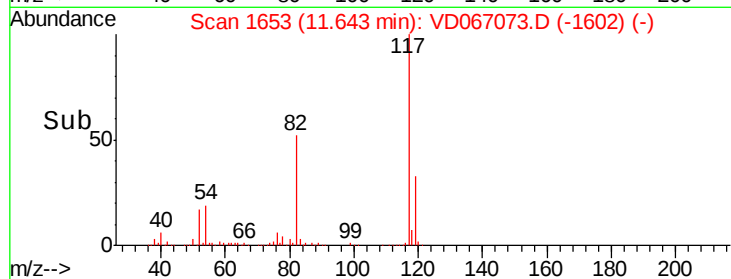
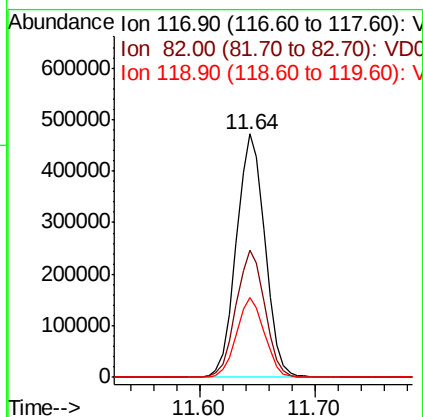
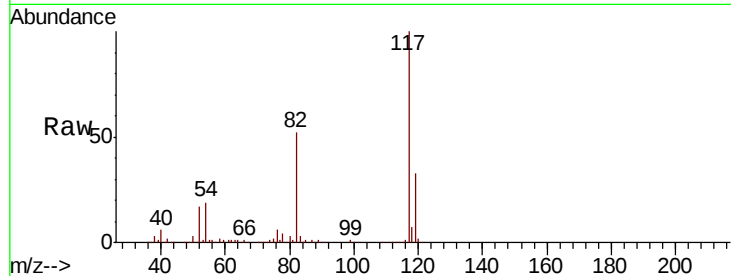




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067073.D
Acq: 05 Oct 2020 10:25

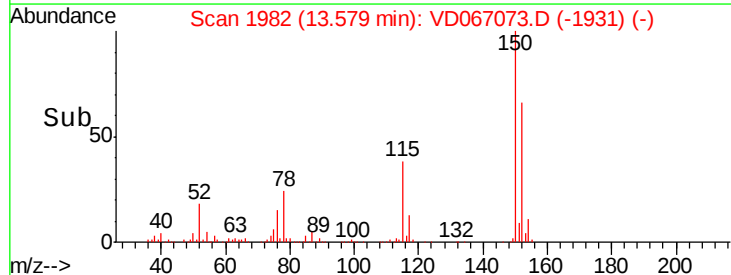
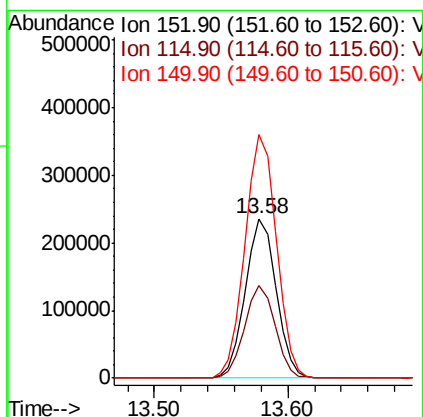
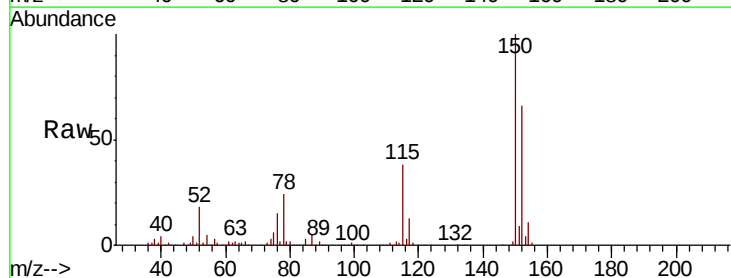
Instrument :
MSVOA_D
ClientSampleId :
VD1005SBL01

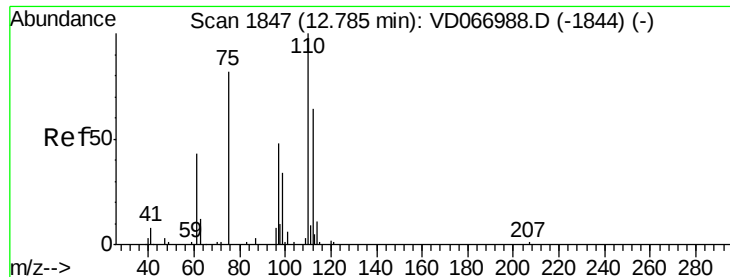
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.6	63.8
119	32.6	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067073.D
Acq: 05 Oct 2020 10:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	29.6	88.8
150	155.7	0.0	344.8

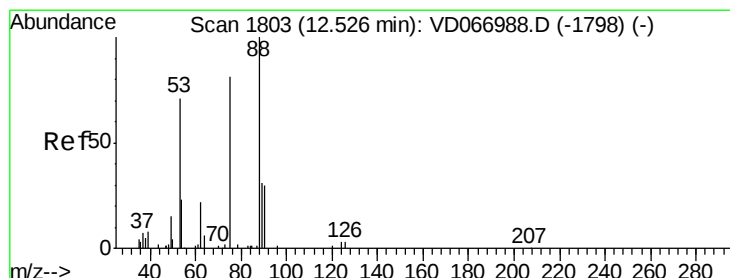
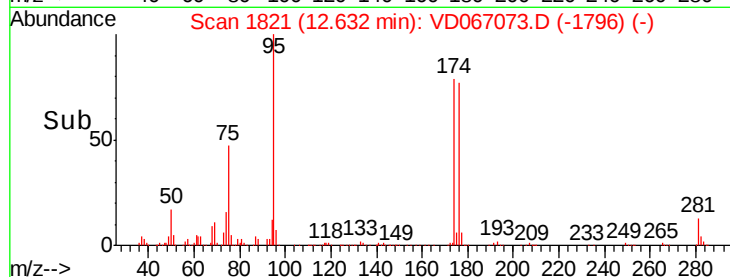
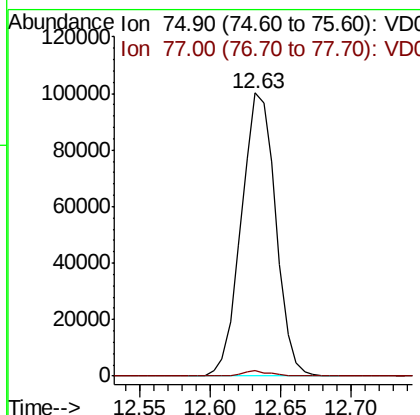
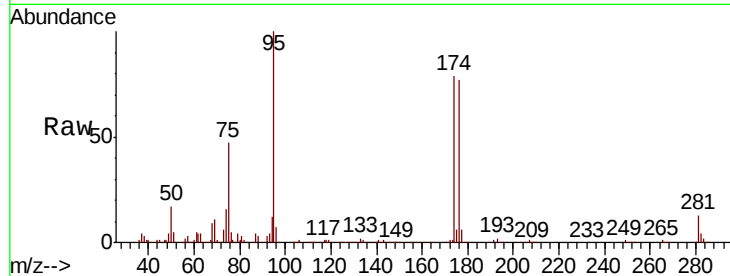




#76
 1,2,3-Trichloropropane
 Concen: 52.216 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: VD067073.D
 Acq: 05 Oct 2020 10:25

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBL01

Tot Ion: 75 Resp: 171157
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.181 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.11 min
 Lab File: VD067073.D
 Acq: 05 Oct 2020 10:25

Tgt Ion: 75 Resp: 171157
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.8 110.6#
 89 0.2 38.9 58.3#

