

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
 Data File : VD066905.D
 Acq On : 28 Sep 2020 11:29
 Operator : VA/SY
 Sample : VD0928SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBL01

Quant Time: Sep 29 00:54:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	498105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	821758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	822835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	399739	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	230773	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
35) Dibromofluoromethane	7.91	113	252711	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
50) Toluene-d8	10.34	98	969468	54.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.86%	
62) 4-Bromofluorobenzene	12.63	95	372726	61.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.24%	

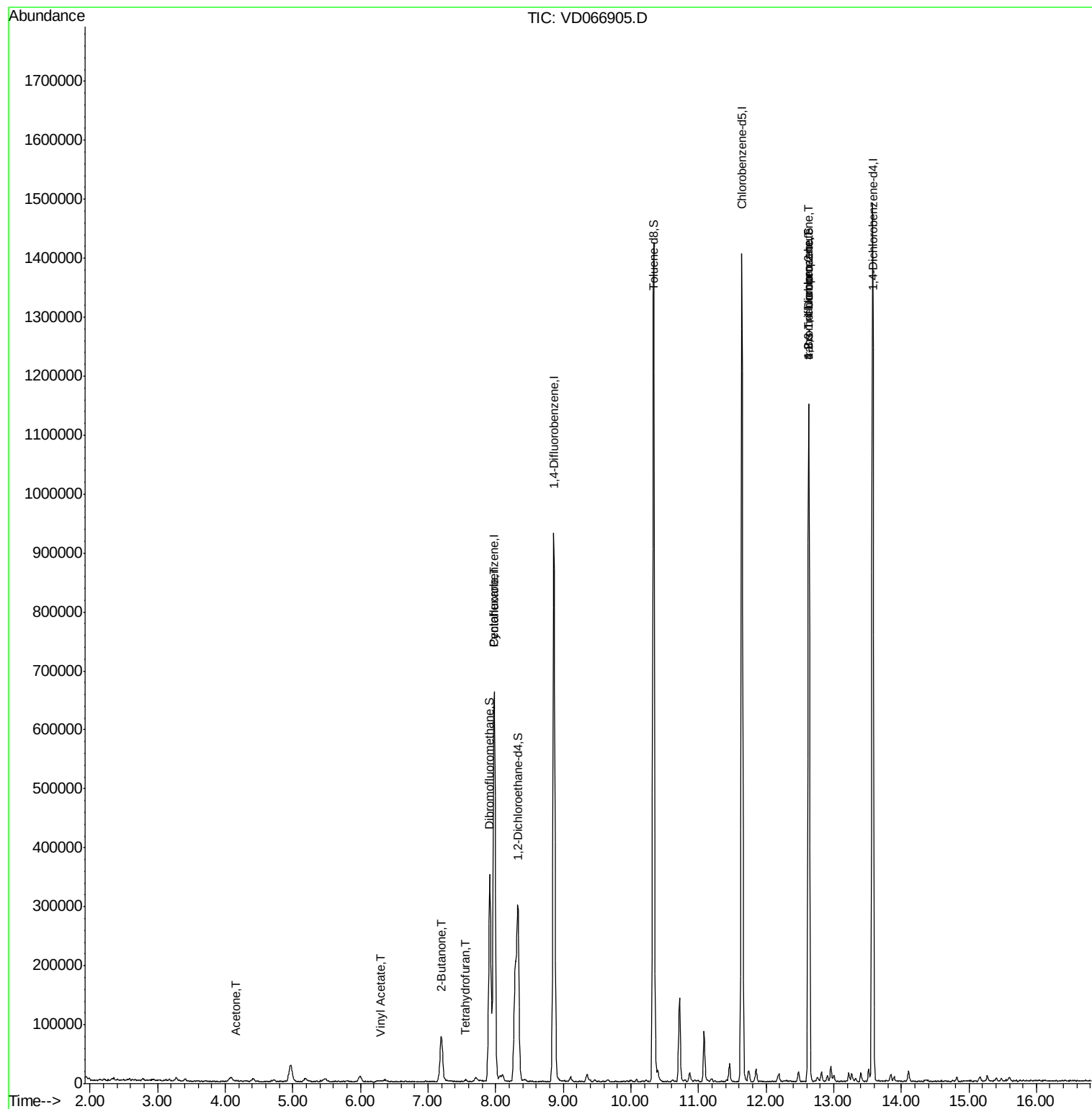
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.98	85	2057	Below Cal		83
11) Tert butyl alcohol	5.18	59	4073	Below Cal	#	72
16) Acetone	4.16	43	2352	2.274	ug/l	98
18) Methyl Acetate	4.71	43	192	Below Cal	#	50
20) Methylene Chloride	4.96	84	23470	Below Cal	#	89
23) Vinyl Acetate	6.30	43	880	2.781	ug/l #	71
25) 2-Butanone	7.19	43	4511	3.630	ug/l #	84
29) Tetrahydrofuran	7.56	42	826	1.037	ug/l #	69
31) Cyclohexane	7.97	56	14282	1.611	ug/l #	46
49) 1,4-Dioxane	9.46	88	545	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.63	75	187891	56.718	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	187891	141.904	ug/l #	10

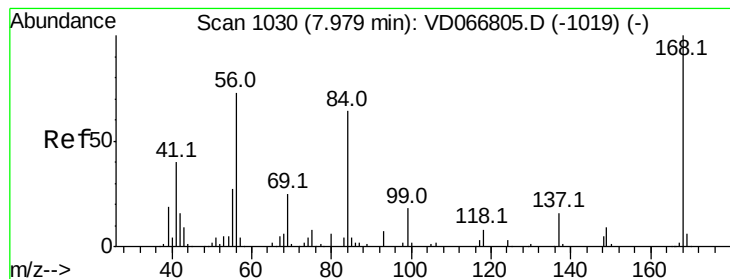
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092820\
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Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066905.D

Acq: 28 Sep 2020 11:29

Instrument :

MSVOA_D

ClientSampleId :

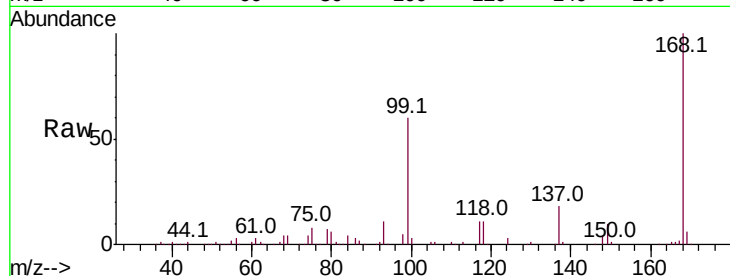
VD0928SBL01

Tot Ion:168 Resp: 498105

Ion Ratio Lower Upper

168 100

99 59.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

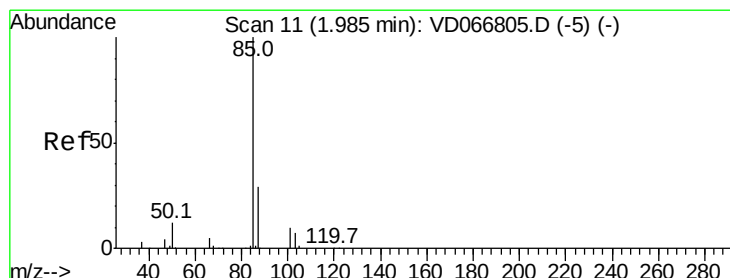
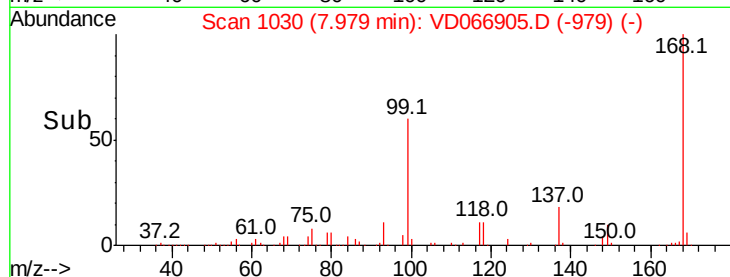
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066905.D

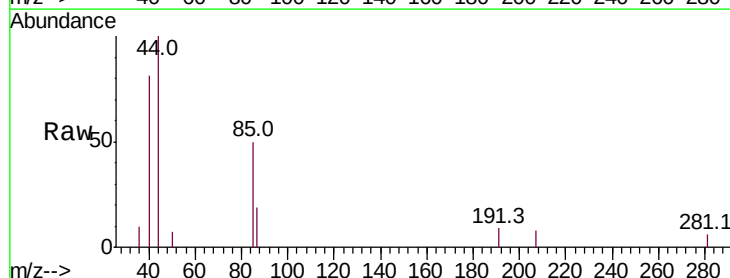
Acq: 28 Sep 2020 11:29

Tgt Ion: 85 Resp: 2057

Ion Ratio Lower Upper

85 100

87 38.2 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.98

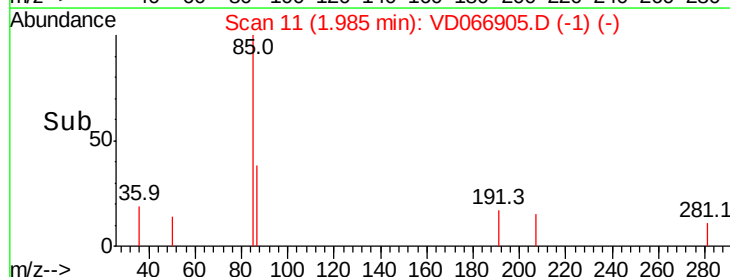
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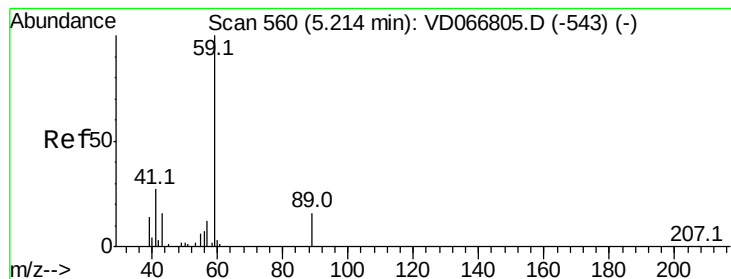
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500

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Time-->



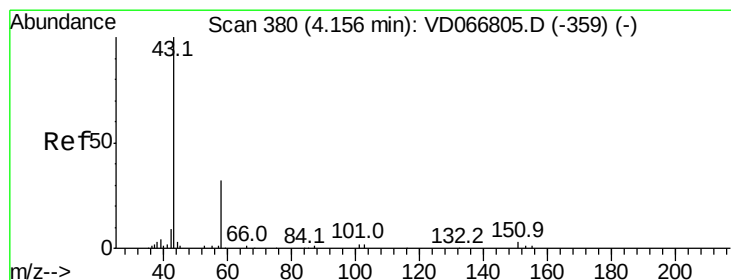
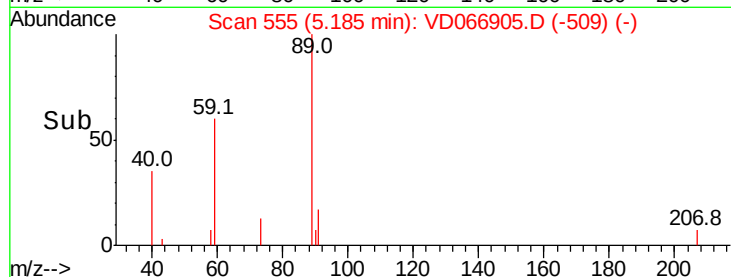
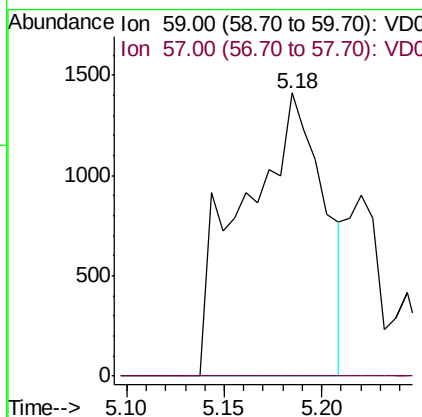
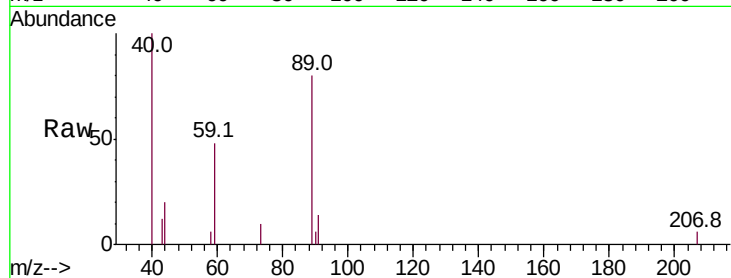


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.18 min Scan# 555
 Delta R.T. -0.03 min
 Lab File: VD066905.D
 Acq: 28 Sep 2020 11:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBL01

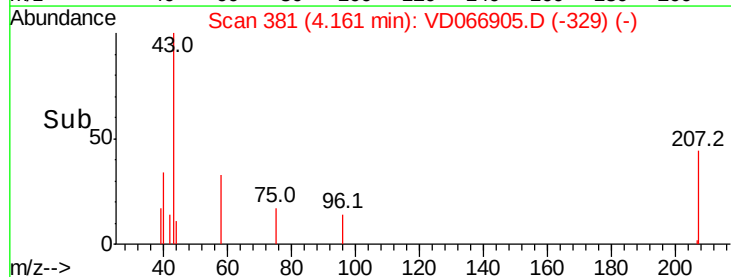
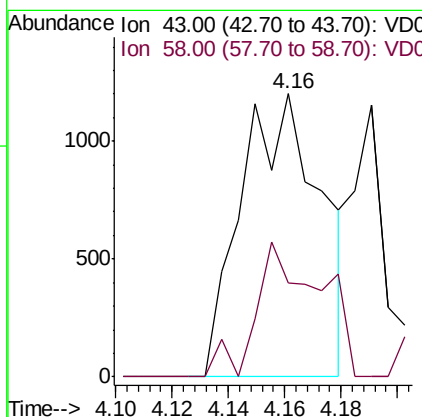
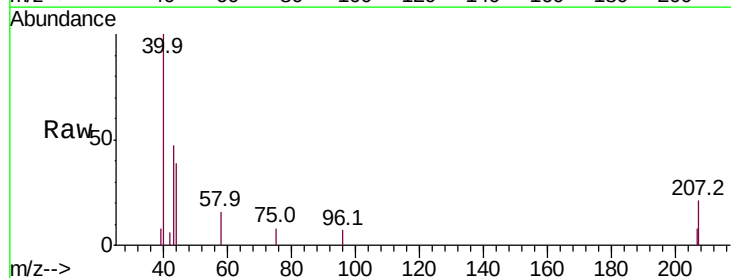
Tot Ion: 59 Resp: 4073
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

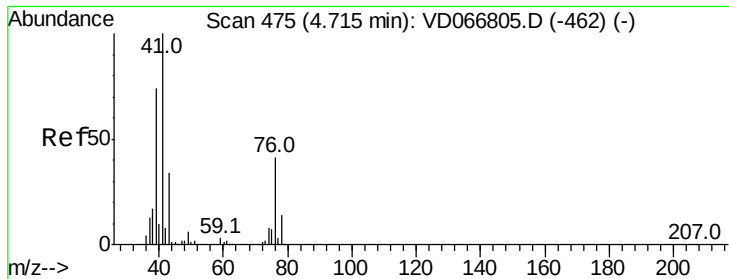


#16

Acetone
 Concen: 2.274 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD066905.D
 Acq: 28 Sep 2020 11:29

Tgt Ion: 43 Resp: 2352
 Ion Ratio Lower Upper
 43 100
 58 33.4 25.6 38.4

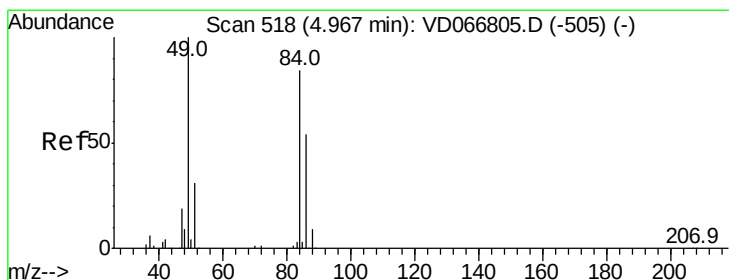
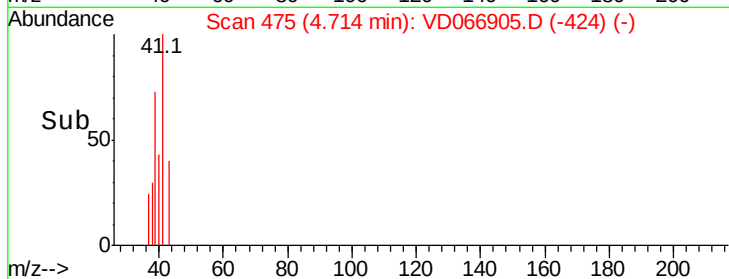
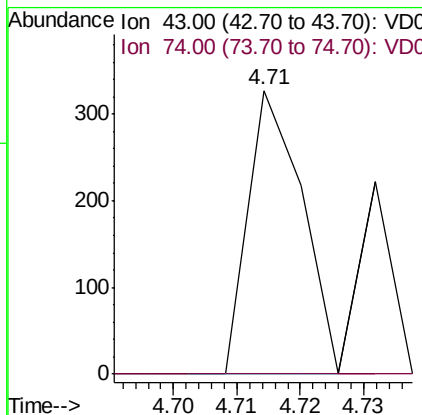
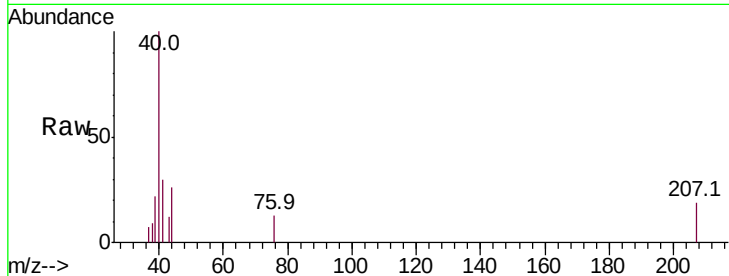




#18
Methyl Acetate
Concen: Below Cal
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066905.D
Acq: 28 Sep 2020 11:29

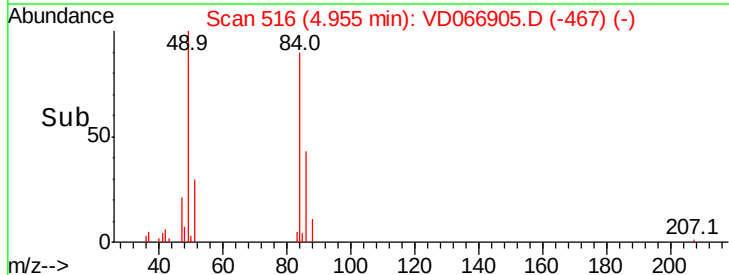
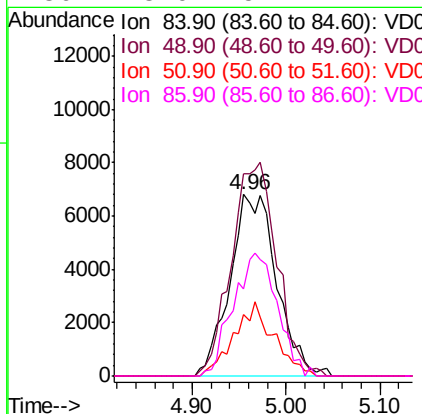
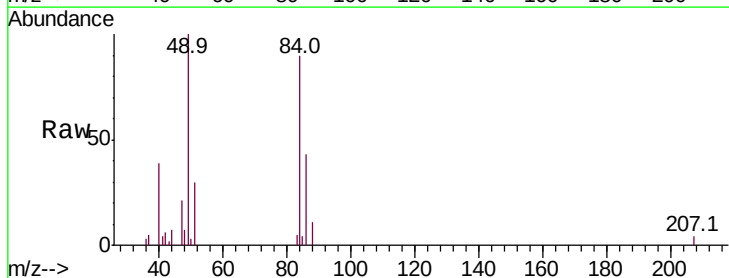
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBL01

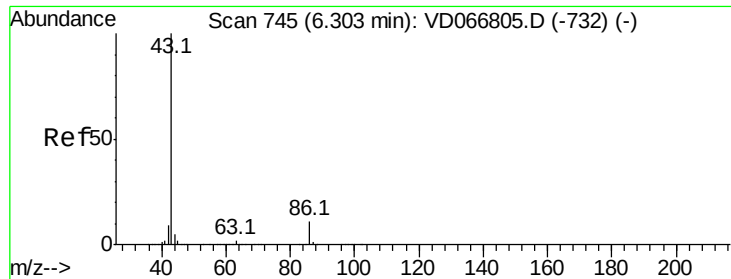
Tot Ion: 43 Resp: 192
Ion Ratio Lower Upper
43 100
74 0.0 20.3 30.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD066905.D
Acq: 28 Sep 2020 11:29

Tgt Ion: 84 Resp: 23470
Ion Ratio Lower Upper
84 100
49 111.7 95.4 143.2
51 33.8 29.7 44.5
86 48.0 51.4 77.2#





#23

Vinyl Acetate

Concen: 2.781 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD066905.D

Acq: 28 Sep 2020 11:29

Instrument :

MSVOA_D

ClientSampleId :

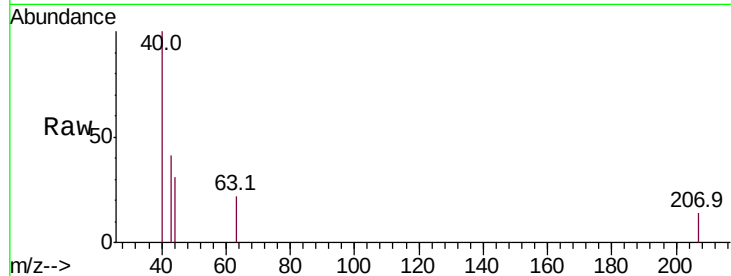
VD0928SBL01

Tot Ion: 43 Resp: 880

Ion Ratio Lower Upper

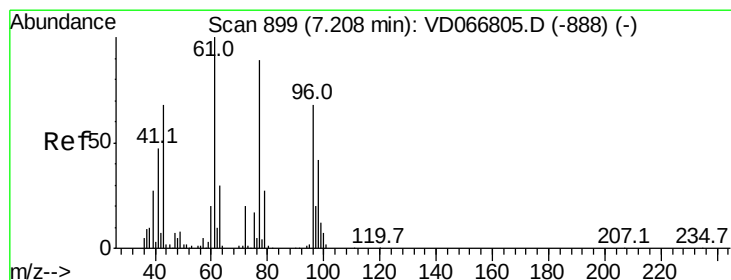
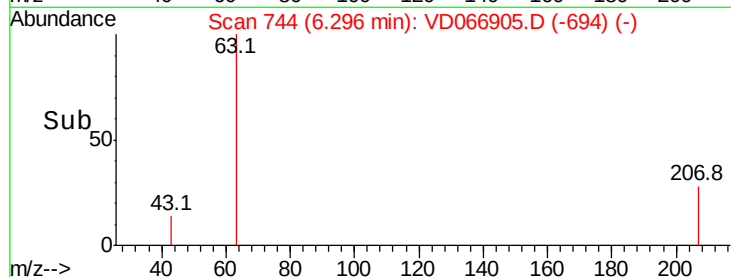
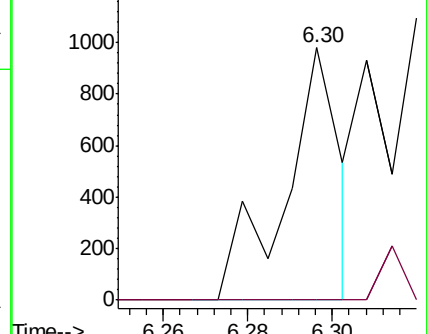
43 100

86 0.0 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#25

2-Butanone

Concen: 3.630 ug/l

RT: 7.19 min Scan# 896

Delta R.T. -0.02 min

Lab File: VD066905.D

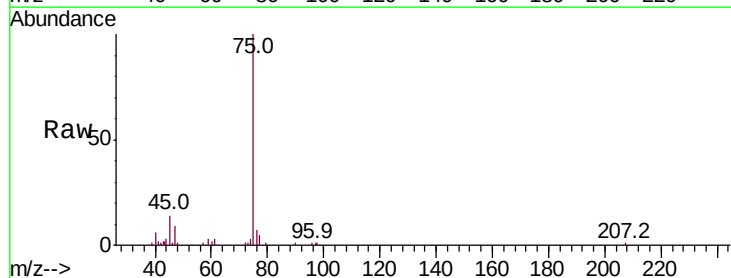
Acq: 28 Sep 2020 11:29

Tgt Ion: 43 Resp: 4511

Ion Ratio Lower Upper

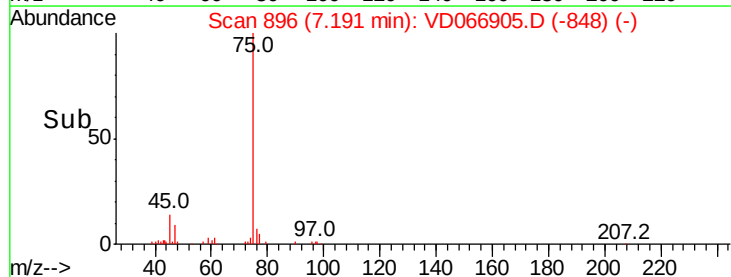
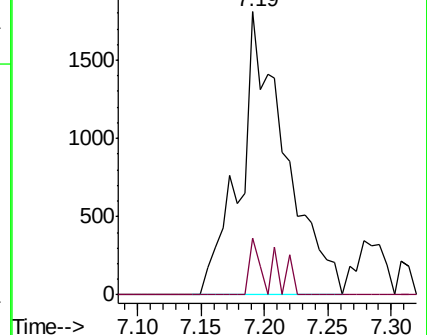
43 100

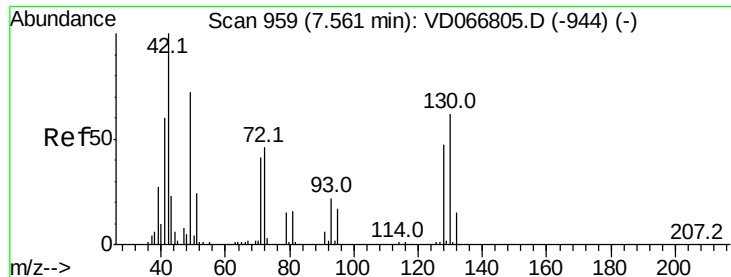
72 20.2 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

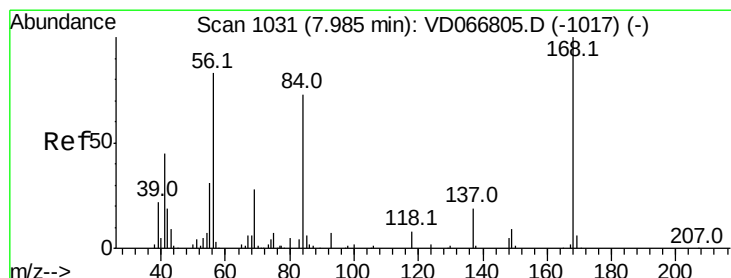
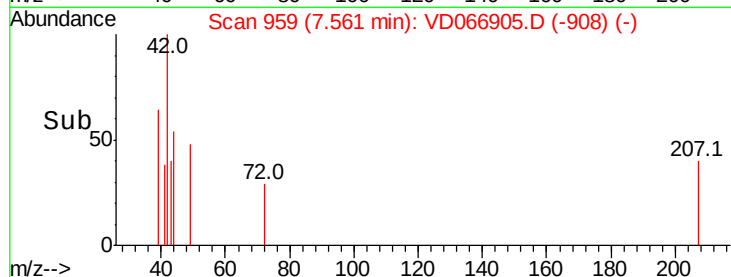
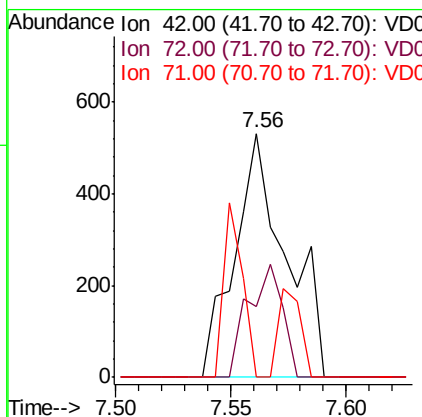
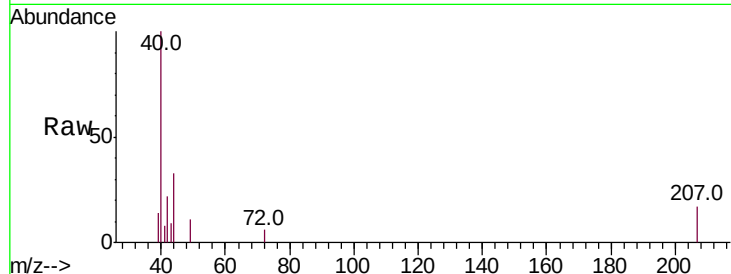




#29
Tetrahydrofuran
Concen: 1.037 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066905.D
Acq: 28 Sep 2020 11:29

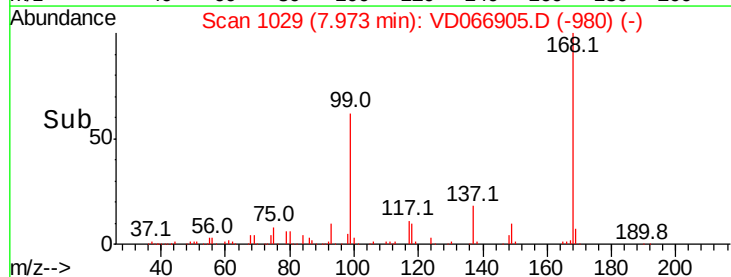
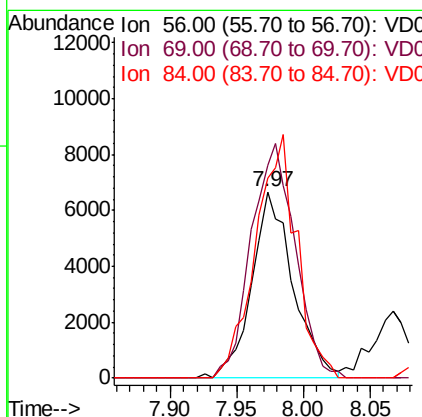
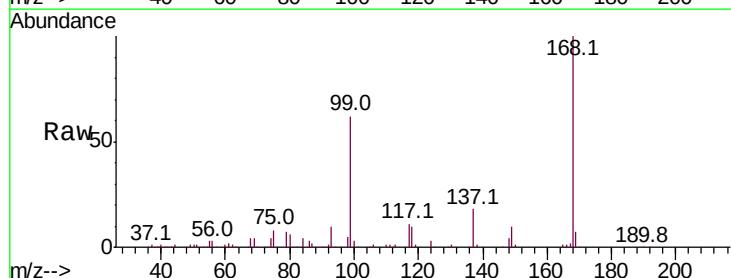
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBL01

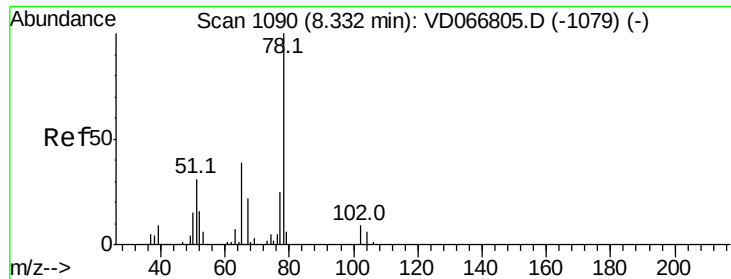
Tot Ion: 42 Resp: 826
Ion Ratio Lower Upper
42 100
72 30.9 36.2 54.4#
71 15.4 32.4 48.6#



#31
Cyclohexane
Concen: 1.611 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066905.D
Acq: 28 Sep 2020 11:29

Tgt Ion: 56 Resp: 14282
Ion Ratio Lower Upper
56 100
69 114.1 27.0 40.4#
84 107.6 70.2 105.4#

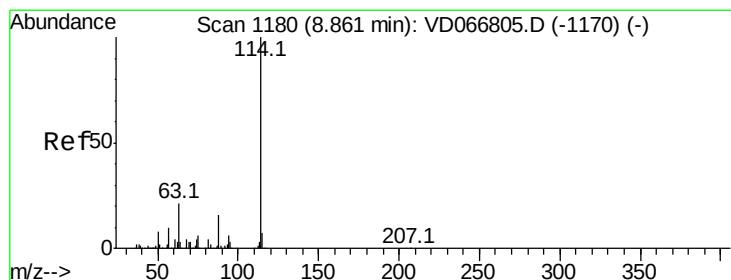
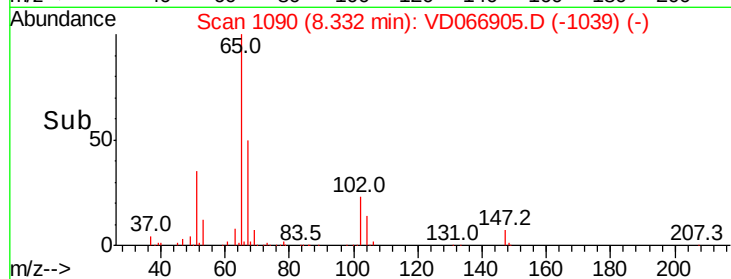
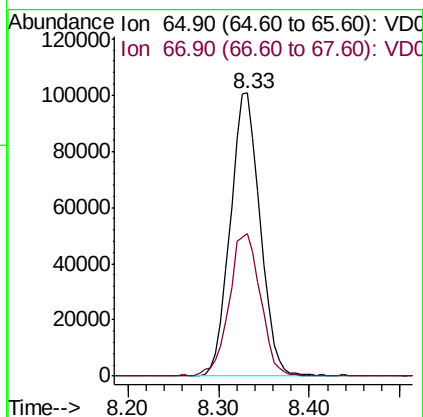
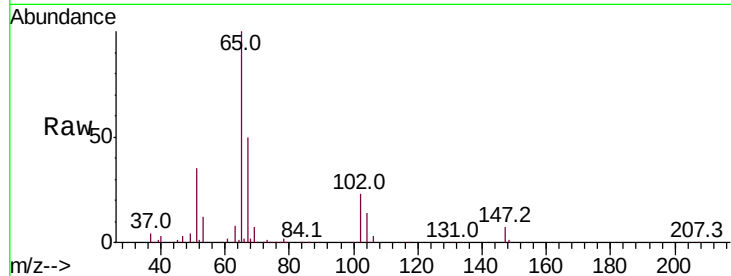




#33
 1,2-Dichloroethane-d4
 Concen: 47.336 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066905.D
 Acq: 28 Sep 2020 11:29

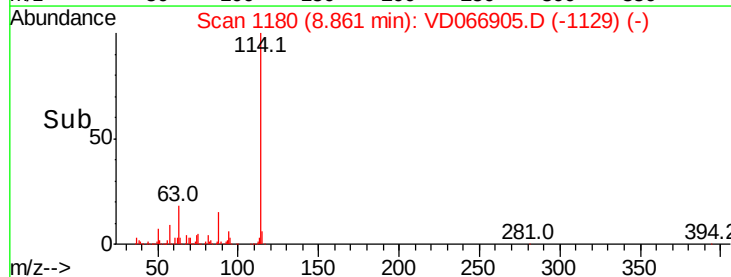
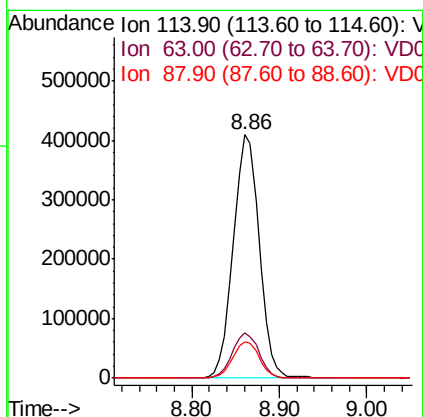
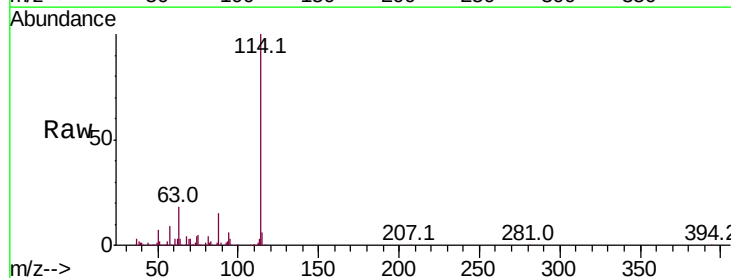
Instrument :
 MSVOA_D
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 VD0928SBL01

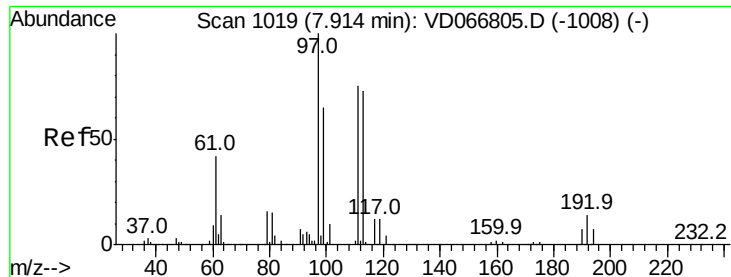
Tot Ion: 65 Resp: 230773
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066905.D
 Acq: 28 Sep 2020 11:29

Tgt Ion: 114 Resp: 821758
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 42.6
 88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.338 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066905.D

Acq: 28 Sep 2020 11:29

Instrument :

MSVOA_D

ClientSampleId :

VD0928SBL01

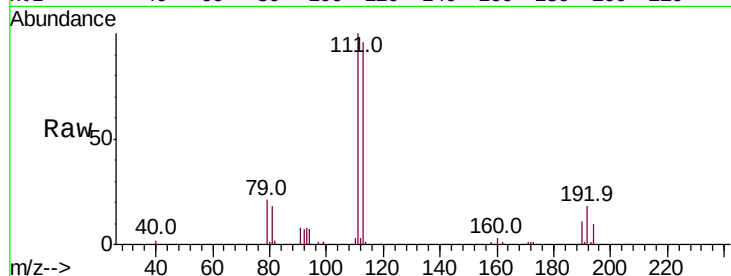
Tot Ion:113 Resp: 252711

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

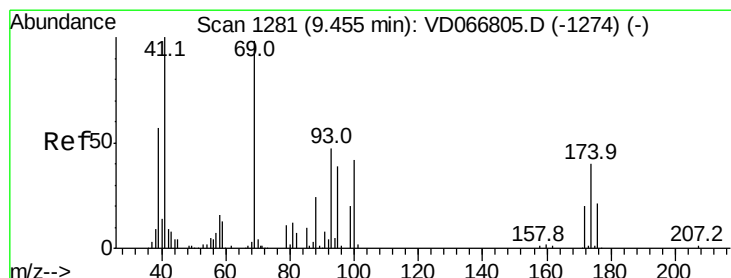
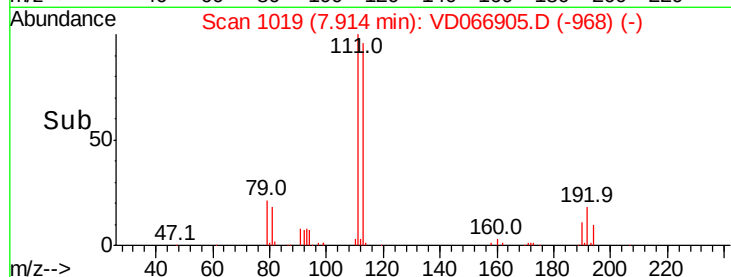
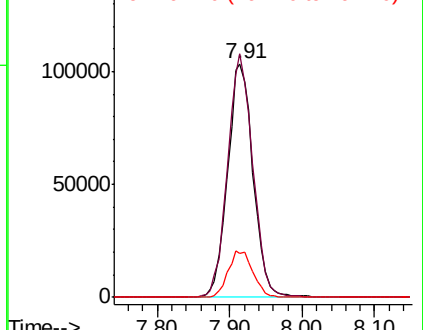
192 19.3 14.4 21.6



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



#49

1,4-Dioxane

Concen: Below Cal

RT: 9.46 min Scan# 1282

Delta R.T. 0.01 min

Lab File: VD066905.D

Acq: 28 Sep 2020 11:29

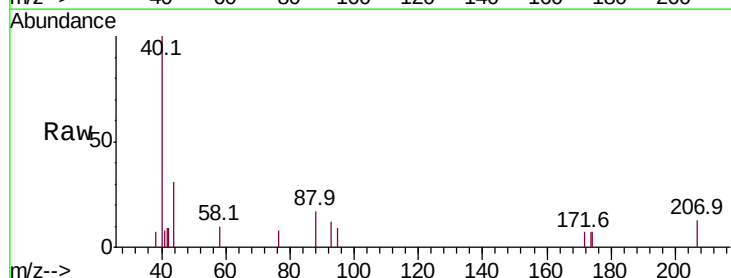
Tgt Ion: 88 Resp: 545

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

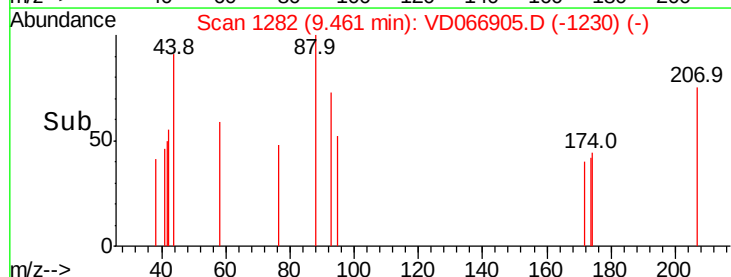
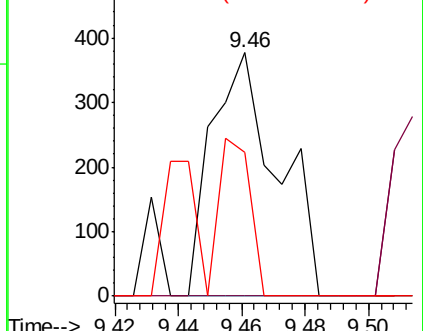
58 30.3 55.5 83.3#

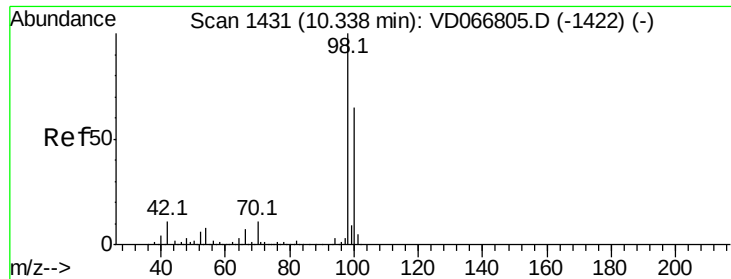


Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

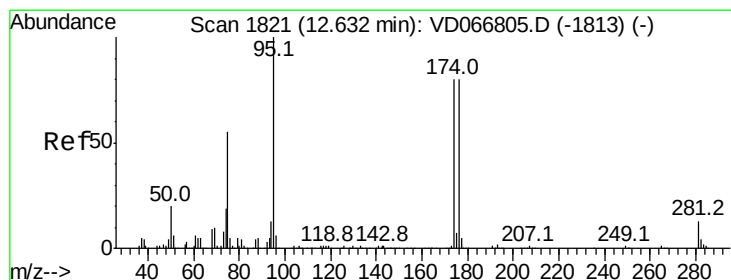
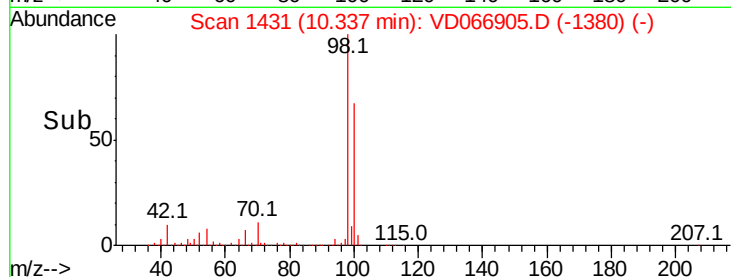
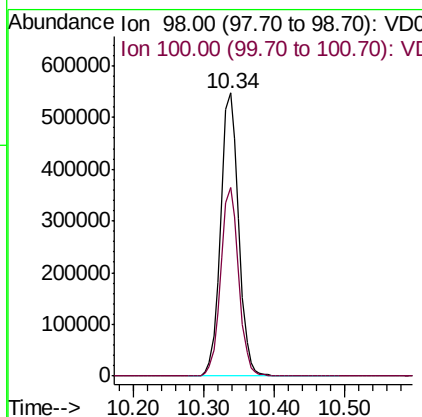
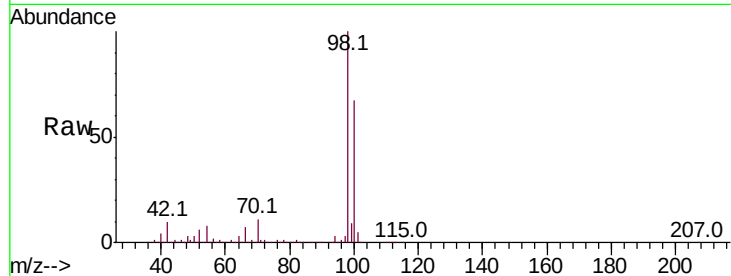




#50
Toluene-d8
Concen: 54.425 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066905.D
Acq: 28 Sep 2020 11:29

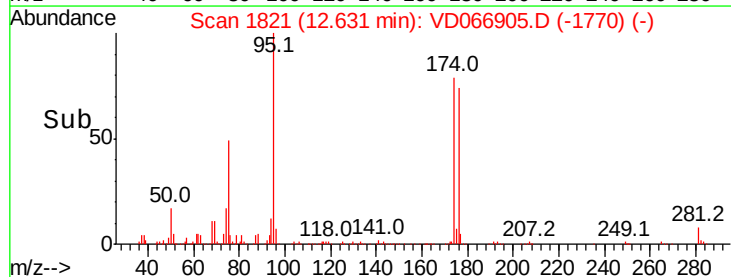
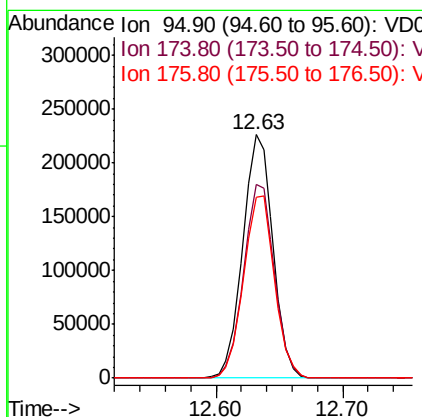
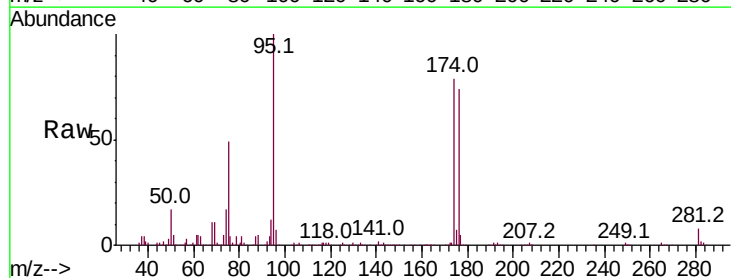
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBL01

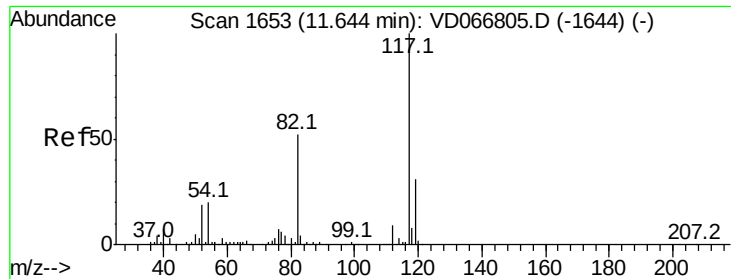
Tot Ion: 98 Resp: 969468
Ion Ratio Lower Upper
98 100
100 66.1 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 61.123 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066905.D
Acq: 28 Sep 2020 11:29

Tgt Ion: 95 Resp: 372726
Ion Ratio Lower Upper
95 100
174 81.7 0.0 159.8
176 77.3 0.0 154.4

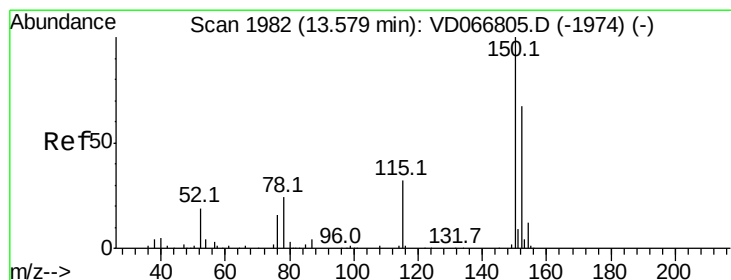
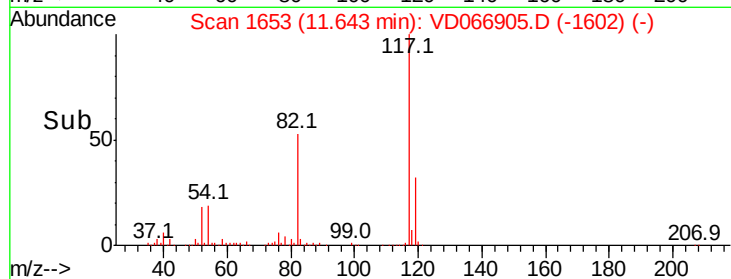
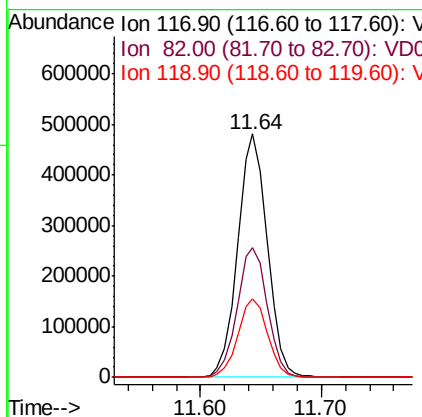
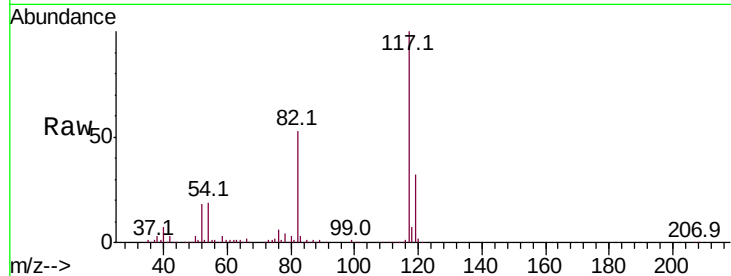




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066905.D
Acq: 28 Sep 2020 11:29

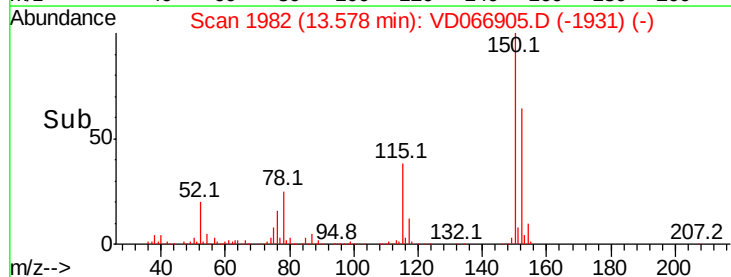
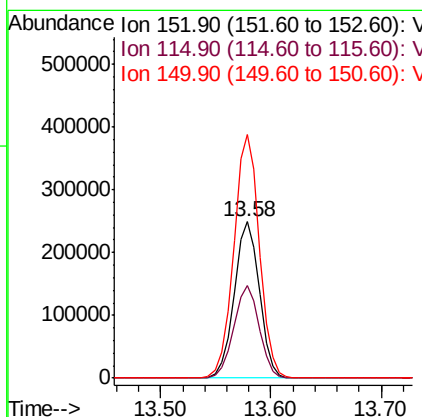
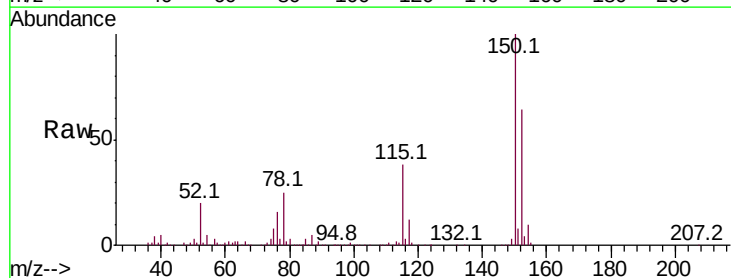
Instrument :
MSVOA_D
ClientSampleId :
VD0928SBL01

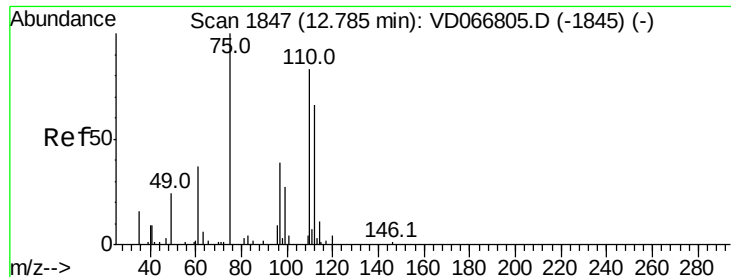
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	41.8	62.6
119	32.0	24.6	37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066905.D
Acq: 28 Sep 2020 11:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	30.3	91.0
150	156.8	0.0	346.2





#76

1,2,3-Trichloropropane

Concen: 56.718 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066905.D

Acq: 28 Sep 2020 11:29

Instrument :

MSVOA_D

ClientSampleId :

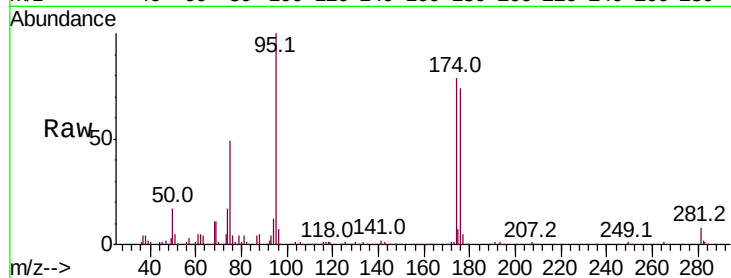
VD0928SBL01

Tot Ion: 75 Resp: 187891

Ion Ratio Lower Upper

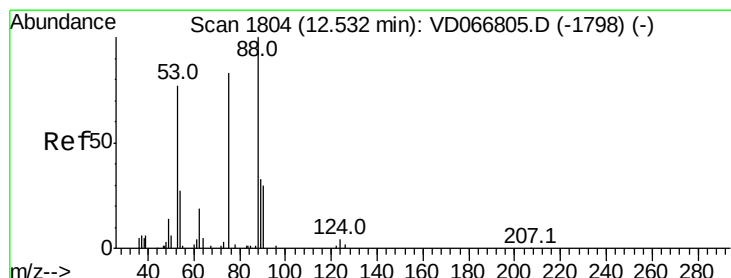
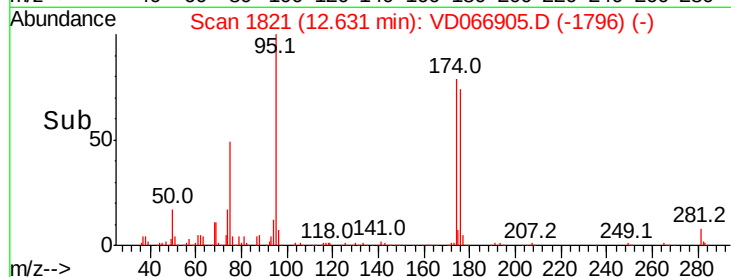
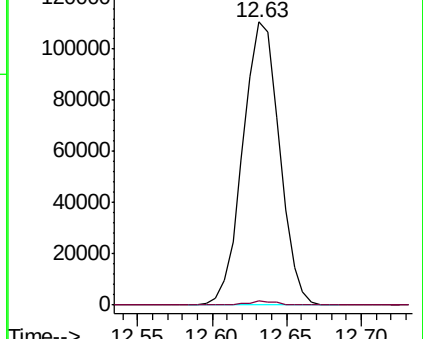
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 141.904 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066905.D

Acq: 28 Sep 2020 11:29

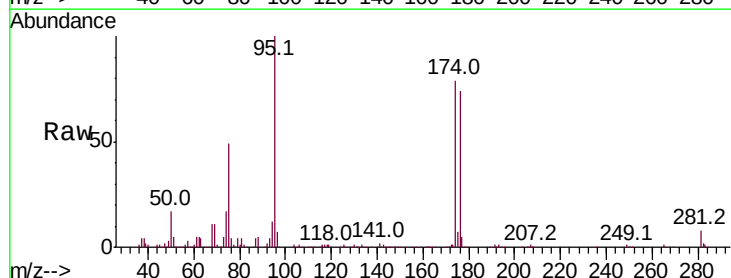
Tgt Ion: 75 Resp: 187891

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 38.1 57.1#



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

