

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066928.D
 Acq On : 29 Sep 2020 10:20
 Operator : VA/SY
 Sample : VD0929SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBL01

Quant Time: Sep 30 02:33:59 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	478672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	802411	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	822630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	393264	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	223799	47.77	ug/l	0.00
Spiked Amount			Recovery	=	95.54%	
35) Dibromofluoromethane	7.91	113	246413	48.27	ug/l	0.00
Spiked Amount			Recovery	=	96.54%	
50) Toluene-d8	10.34	98	967323	55.61	ug/l	0.00
Spiked Amount			Recovery	=	111.22%	
62) 4-Bromofluorobenzene	12.64	95	367193	61.67	ug/l	0.00
Spiked Amount			Recovery	=	123.34%	

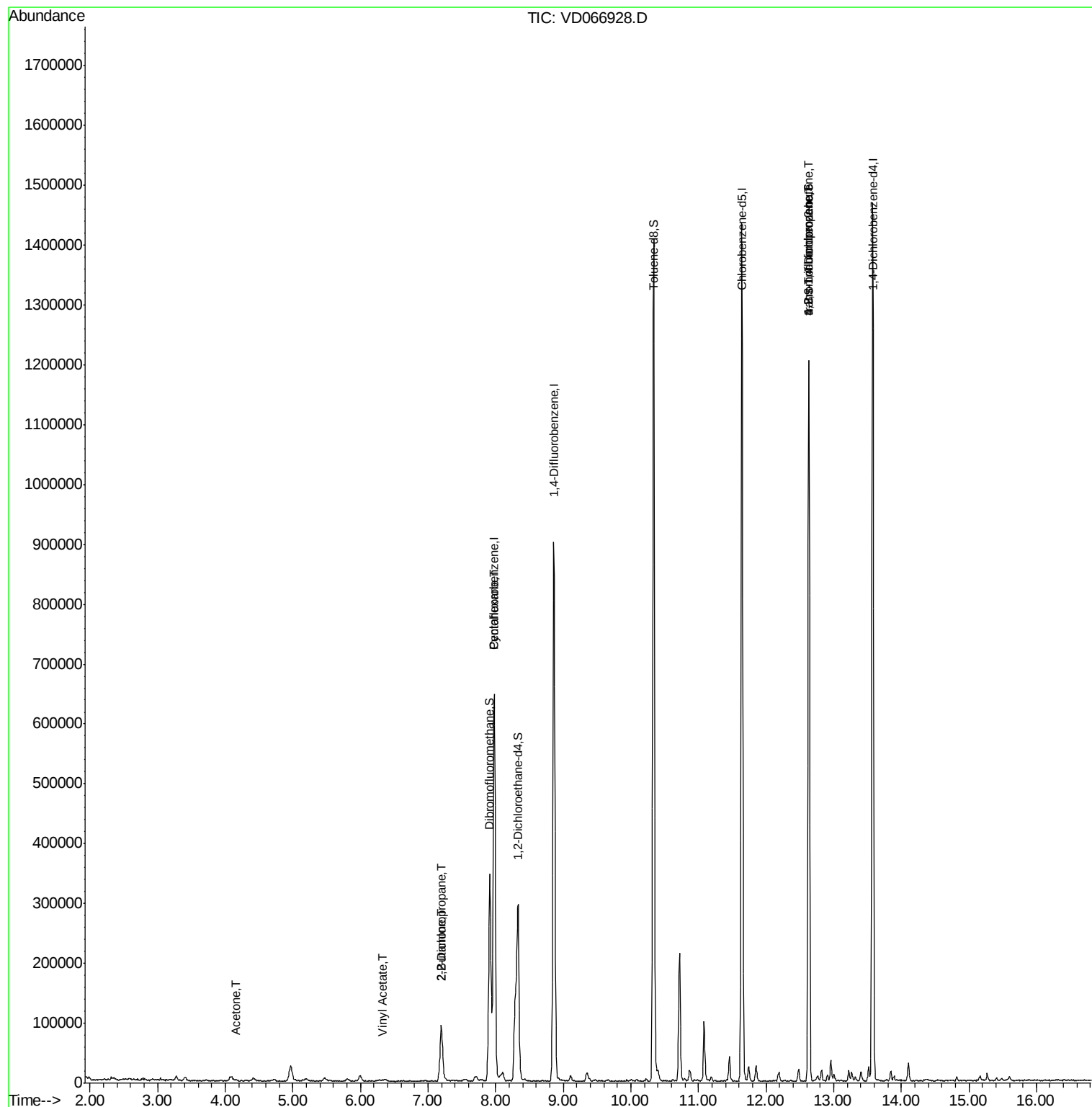
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	2908	Below Cal		86
11) Tert butyl alcohol	5.19	59	685	Below Cal	#	72
16) Acetone	4.16	43	2697	2.714	ug/l #	79
18) Methyl Acetate	4.74	43	588	Below Cal	#	50
20) Methylene Chloride	4.96	84	19135	Below Cal		85
23) Vinyl Acetate	6.31	43	1591	2.877	ug/l #	71
25) 2-Butanone	7.20	43	5264	4.407	ug/l	98
26) 2,2-Dichloropropane	7.19	77	9945	1.146	ug/l #	57
31) Cyclohexane	7.98	56	14348	1.684	ug/l #	39
49) 1,4-Dioxane	9.46	88	157	Below Cal	#	29
76) 1,2,3-Trichloropropane	12.63	75	186567	57.246	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	186567	143.224	ug/l #	10

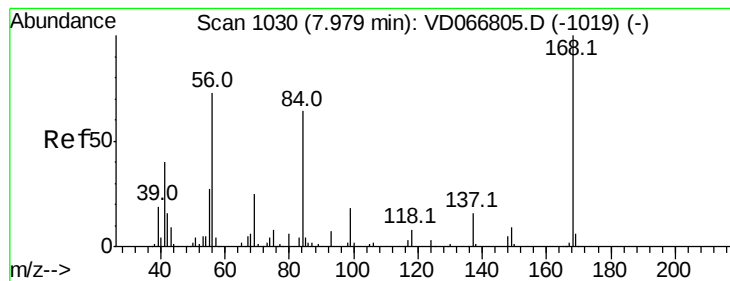
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092920\
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Quant Time: Sep 30 02:33:59 2020
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Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 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: VD066928.D

Acq: 29 Sep 2020 10:20

Instrument :

MSVOA_D

ClientSampleId :

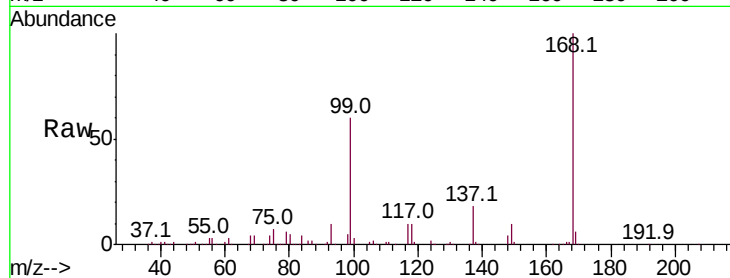
VD0929SBL01

Tot Ion:168 Resp: 478672

Ion Ratio Lower Upper

168 100

99 59.3 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

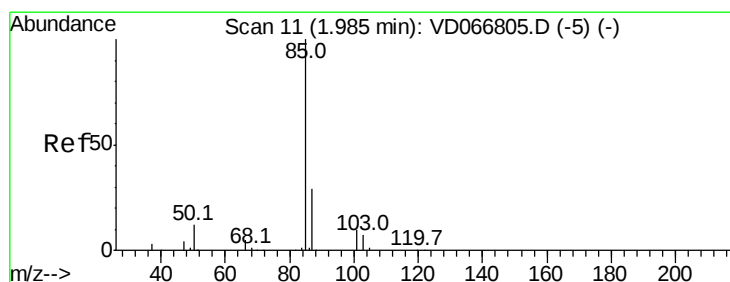
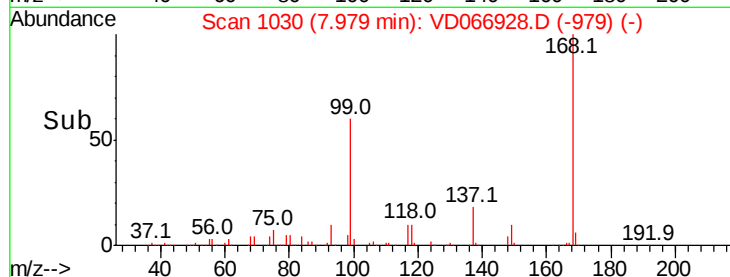
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066928.D

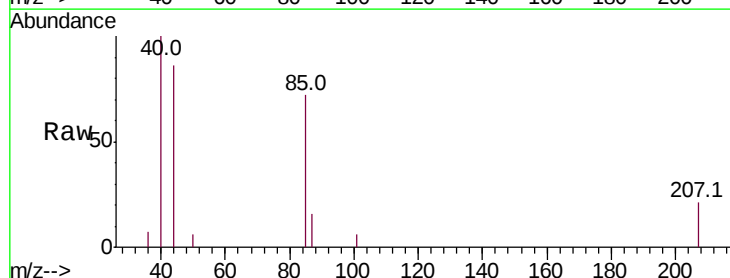
Acq: 29 Sep 2020 10:20

Tgt Ion: 85 Resp: 2908

Ion Ratio Lower Upper

85 100

87 21.6 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

2500

2000

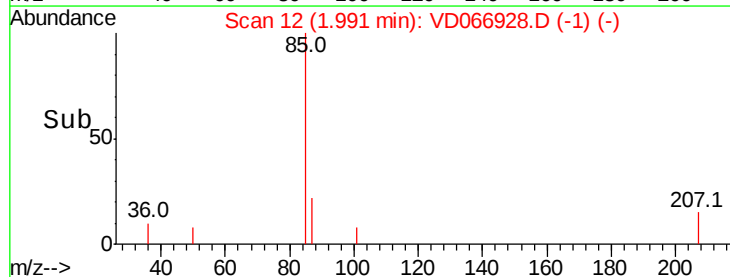
1500

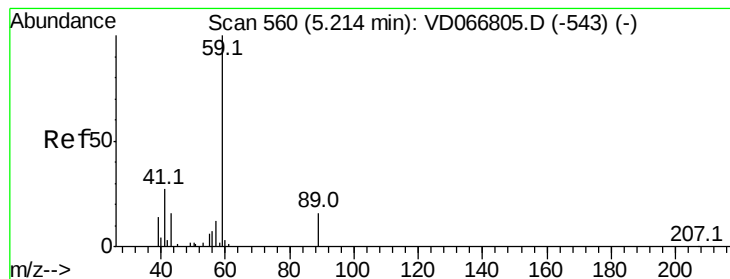
1000

500

0

Time-->



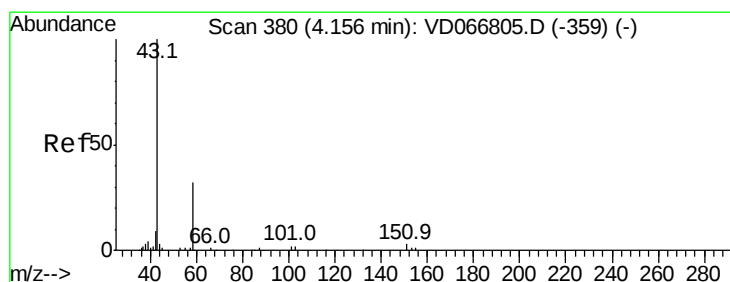
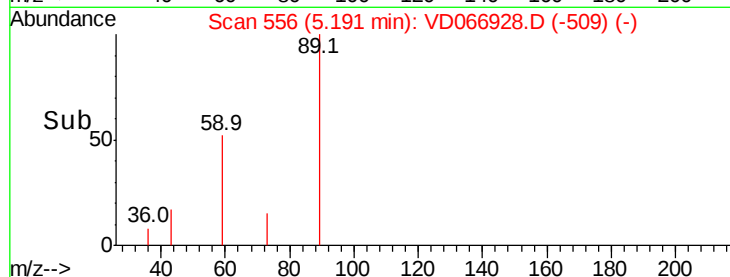
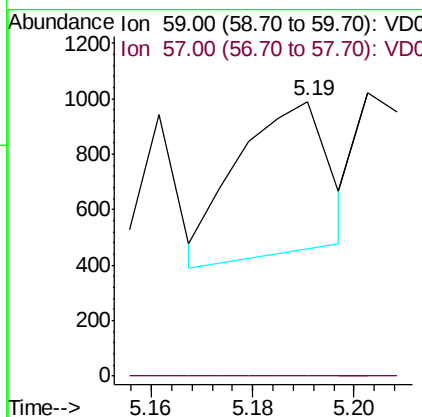
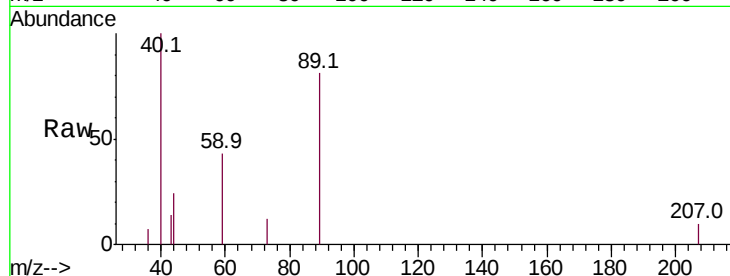


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.19 min Scan# 556
Delta R.T. -0.02 min
Lab File: VD066928.D
Acq: 29 Sep 2020 10:20

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBL01

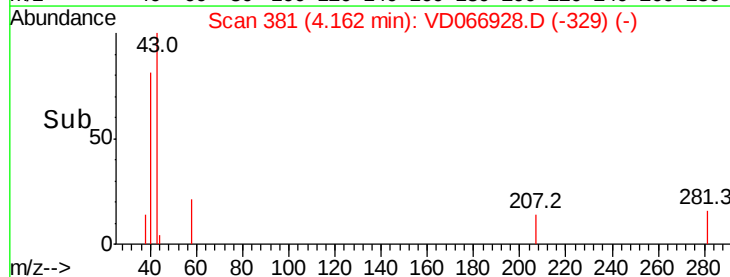
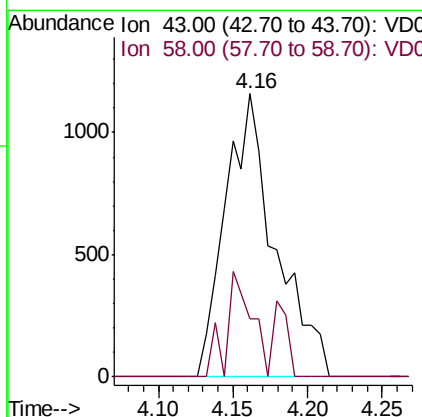
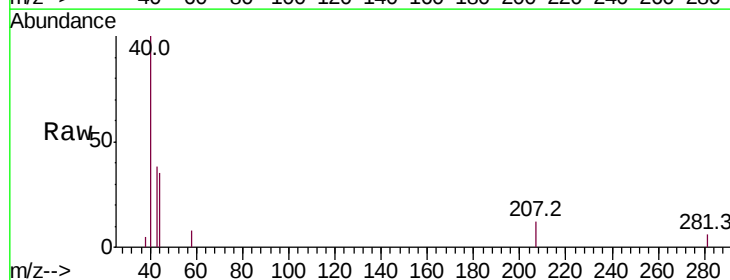
Tot Ion: 59 Resp: 685
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

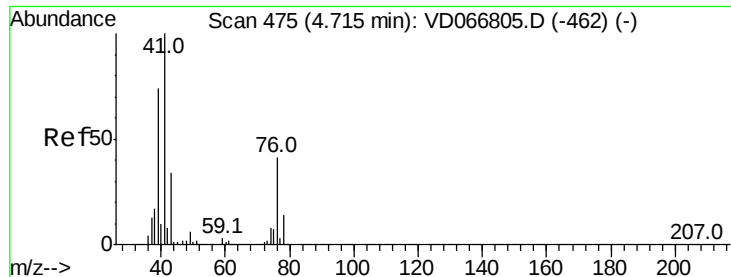


#16

Acetone
Concen: 2.714 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD066928.D
Acq: 29 Sep 2020 10:20

Tgt Ion: 43 Resp: 2697
Ion Ratio Lower Upper
43 100
58 20.6 25.6 38.4#

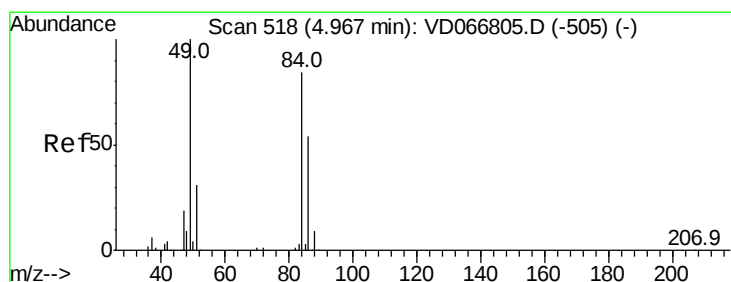
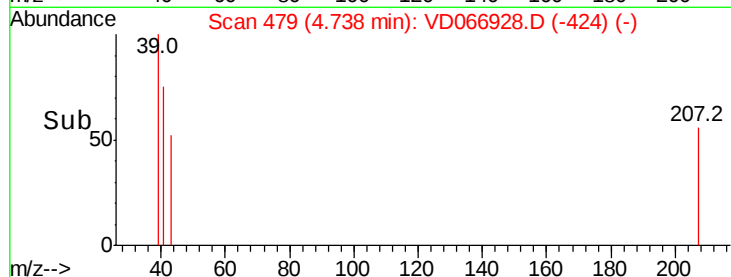
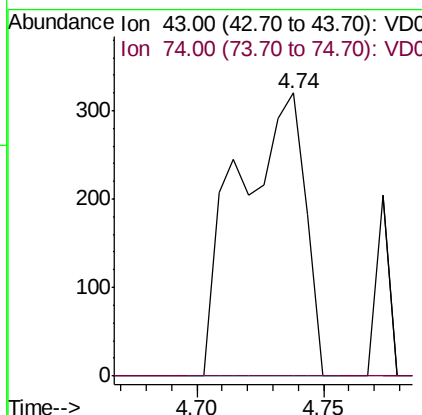
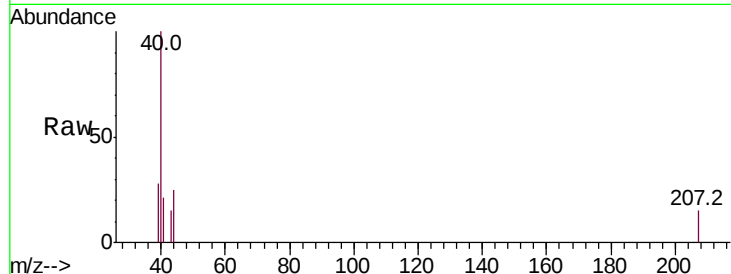




#18
Methyl Acetate
Concen: Below Cal
RT: 4.74 min Scan# 479
Delta R.T. 0.02 min
Lab File: VD066928.D
Acq: 29 Sep 2020 10:20

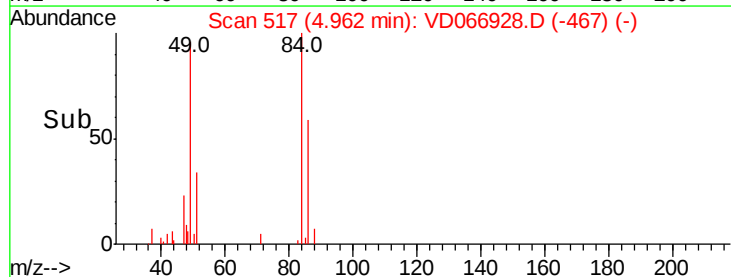
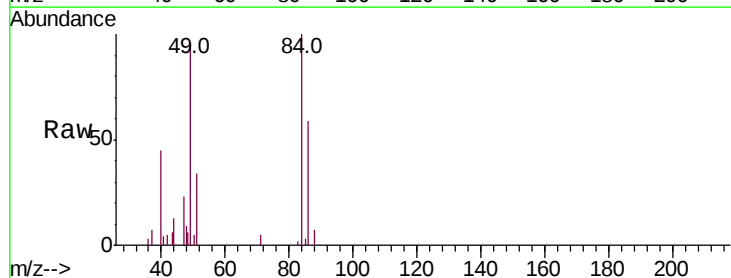
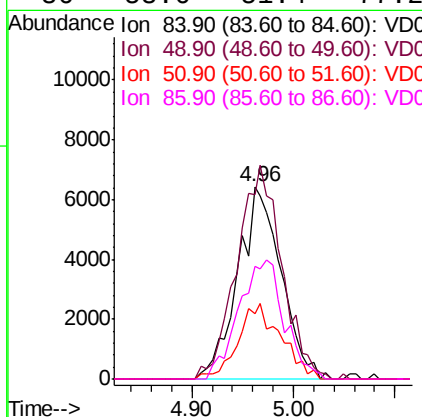
Instrument :
MSVOA_D
ClientSampleId :
VD0929SBL01

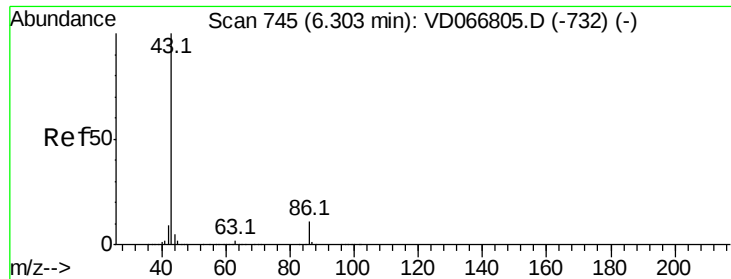
Tot Ion: 43 Resp: 588
Ion Ratio Lower Upper
43 100
74 0.0 20.3 30.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066928.D
Acq: 29 Sep 2020 10:20

Tgt Ion: 84 Resp: 19135
Ion Ratio Lower Upper
84 100
49 95.8 95.4 143.2
51 33.8 29.7 44.5
86 58.6 51.4 77.2

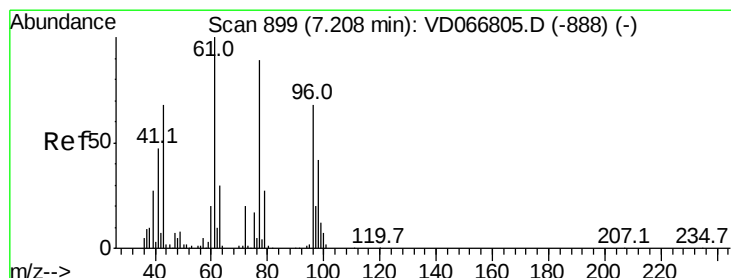
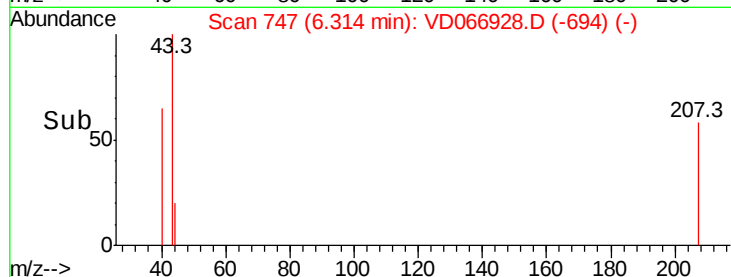
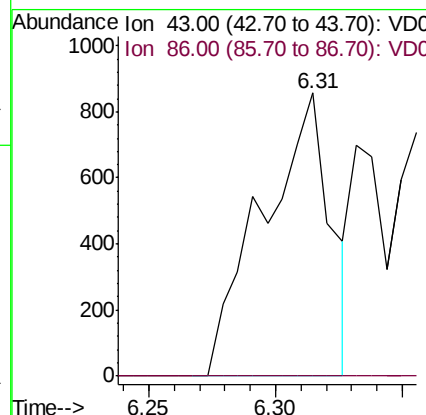
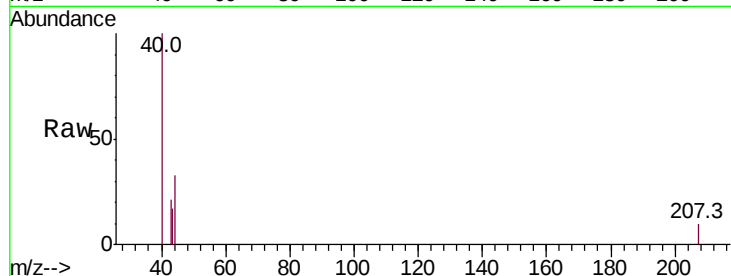




#23
 Vinyl Acetate
 Concen: 2.877 ug/l
 RT: 6.31 min Scan# 747
 Delta R.T. 0.01 min
 Lab File: VD066928.D
 Acq: 29 Sep 2020 10:20

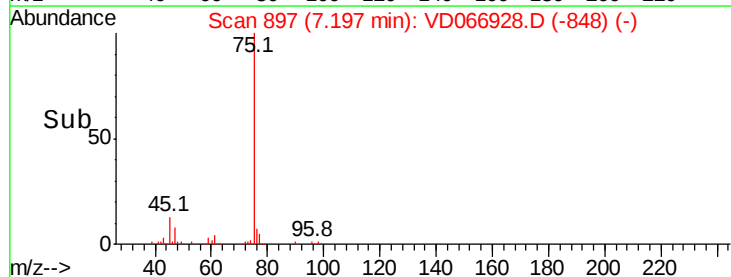
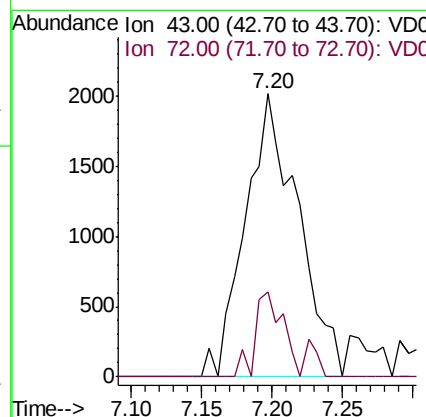
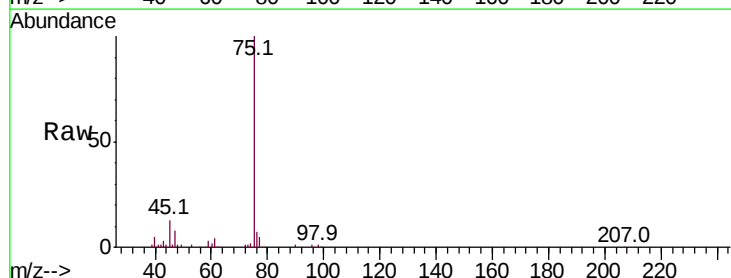
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBL01

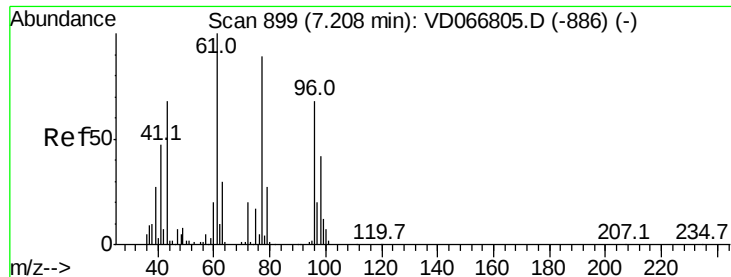
Tot Ion: 43 Resp: 1591
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.9 13.3#



#25
 2-Butanone
 Concen: 4.407 ug/l
 RT: 7.20 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: VD066928.D
 Acq: 29 Sep 2020 10:20

Tgt Ion: 43 Resp: 5264
 Ion Ratio Lower Upper
 43 100
 72 29.9 22.9 34.3





#26

2,2-Dichloropropane

Concen: 1.146 ug/l

RT: 7.19 min Scan# 896

Delta R.T. -0.02 min

Lab File: VD066928.D

Acq: 29 Sep 2020 10:20

Instrument :

MSVOA_D

ClientSampleId :

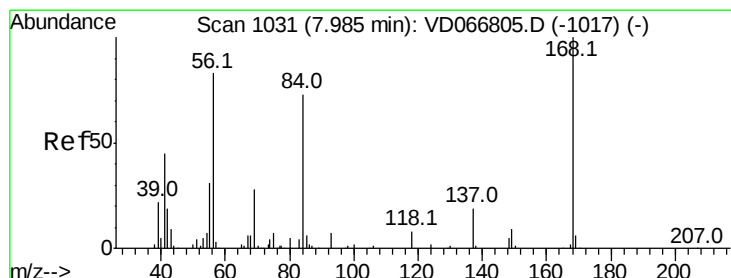
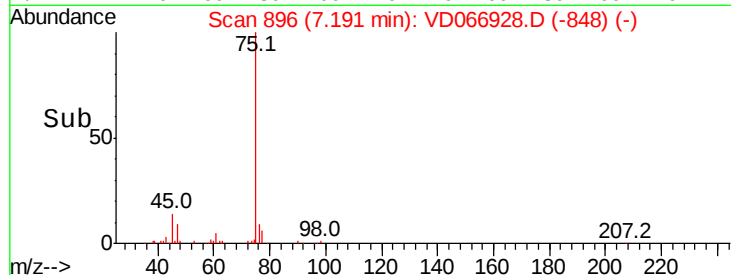
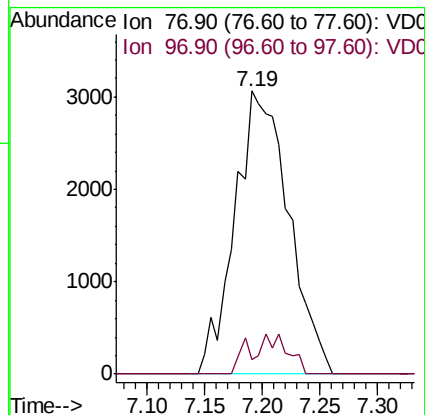
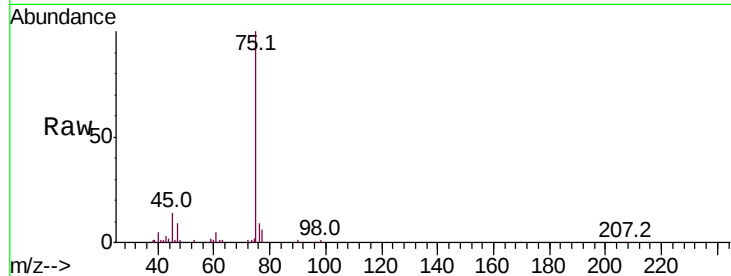
VD0929SBL01

Tot Ion: 77 Resp: 9945

Ion Ratio Lower Upper

77 100

97 2.6 11.7 35.1#



#31

Cyclohexane

Concen: 1.684 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD066928.D

Acq: 29 Sep 2020 10:20

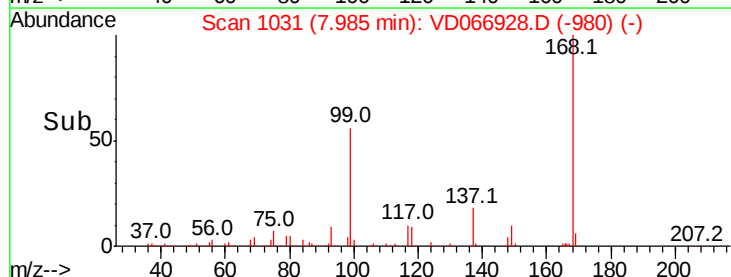
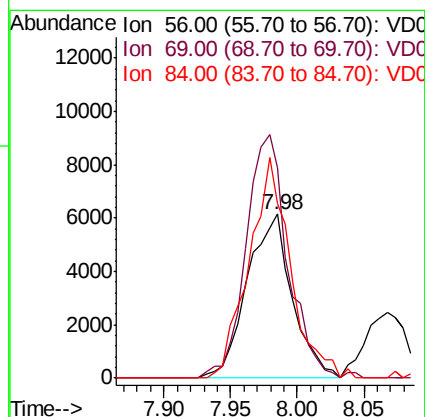
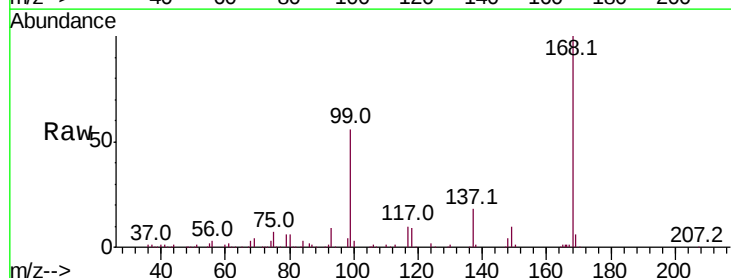
Tgt Ion: 56 Resp: 14348

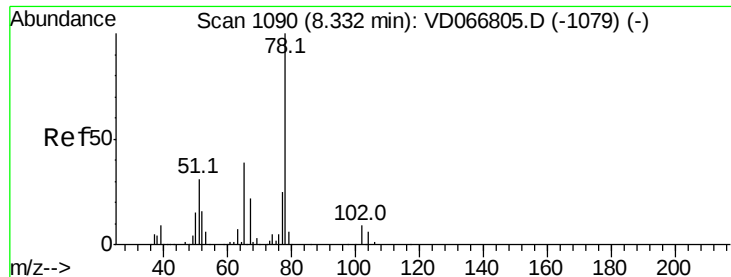
Ion Ratio Lower Upper

56 100

69 128.7 27.0 40.4#

84 106.3 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 47.769 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066928.D

Acq: 29 Sep 2020 10:20

Instrument :

MSVOA_D

ClientSampleId :

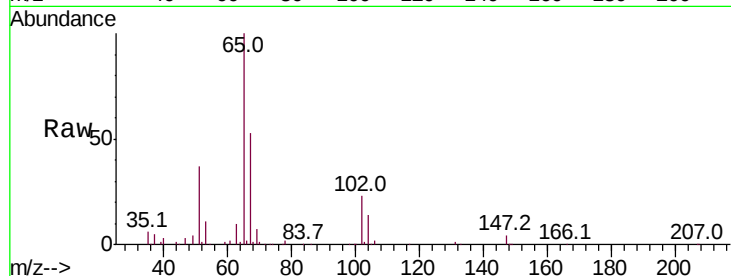
VD0929SBL01

Tot Ion: 65 Resp: 223799

Ion Ratio Lower Upper

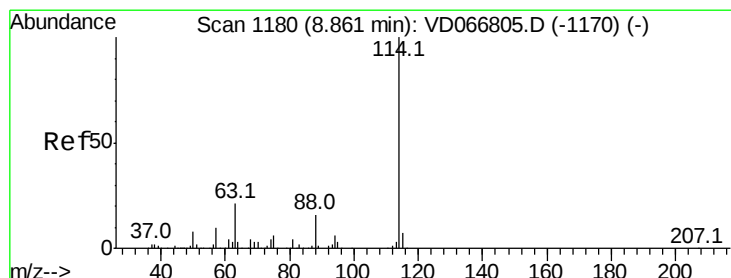
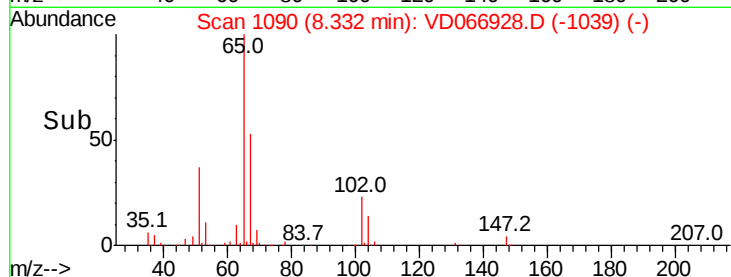
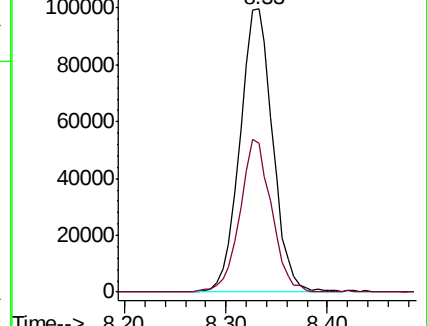
65 100

67 52.3 0.0 107.2



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: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066928.D

Acq: 29 Sep 2020 10:20

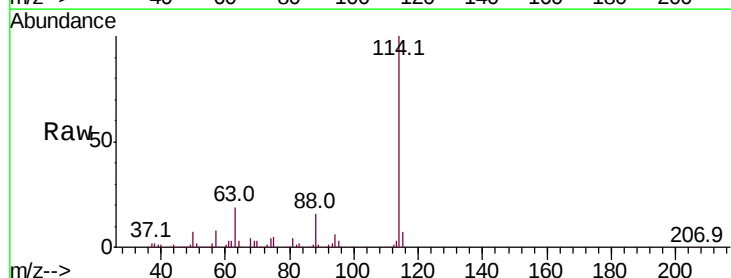
Tgt Ion: 114 Resp: 802411

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.6

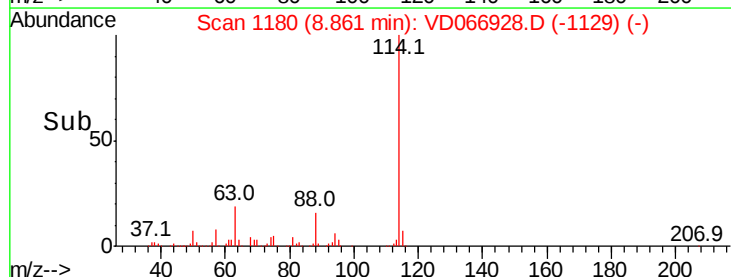
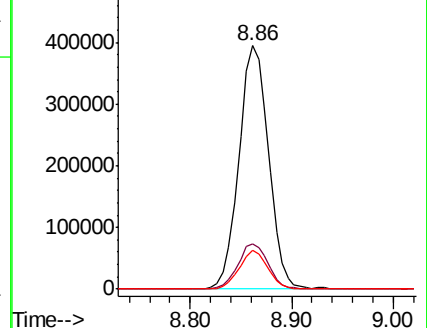
88 16.1 0.0 32.6

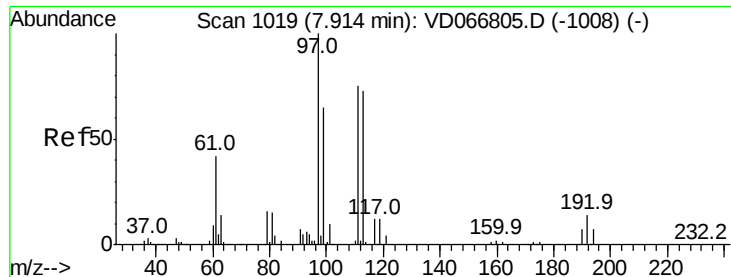


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

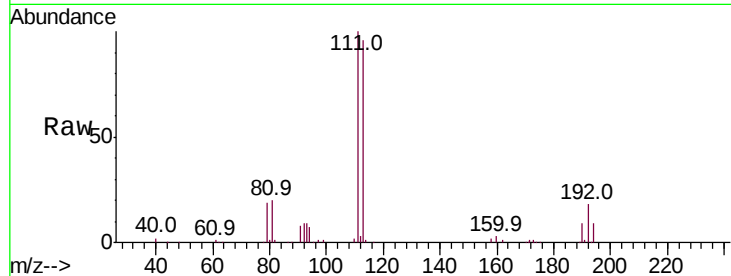




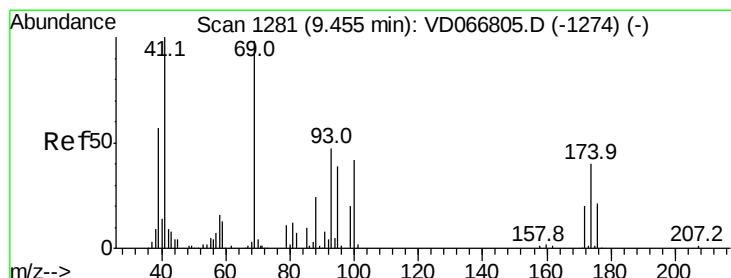
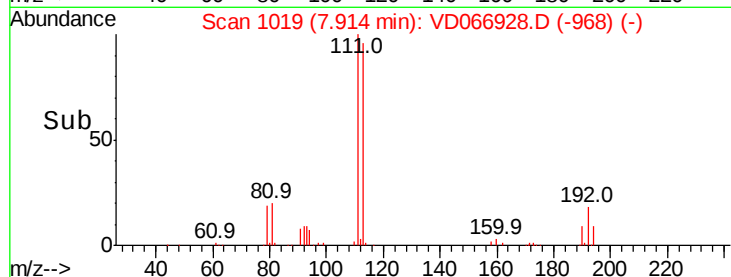
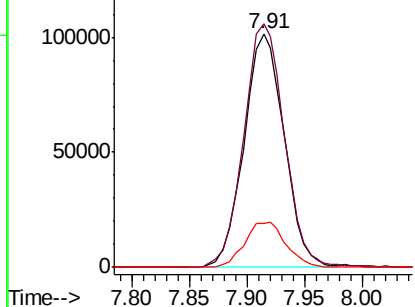
#35
 Dibromofluoromethane
 Concen: 48.270 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066928.D
 Acq: 29 Sep 2020 10:20

Instrument :
 MSVOA_D
 ClientSampled :
 VD0929SBL01

Tot Ion:113 Resp: 246413
 Ion Ratio Lower Upper
 113 100
 111 105.7 81.8 122.8
 192 19.7 14.4 21.6

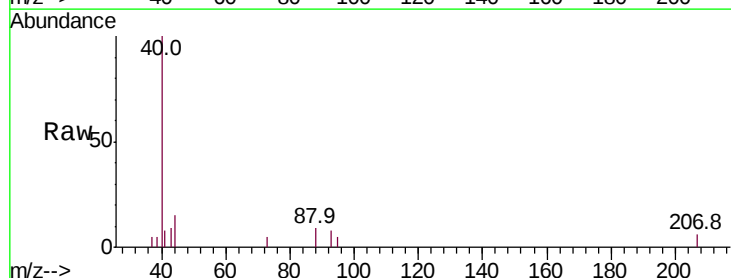


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

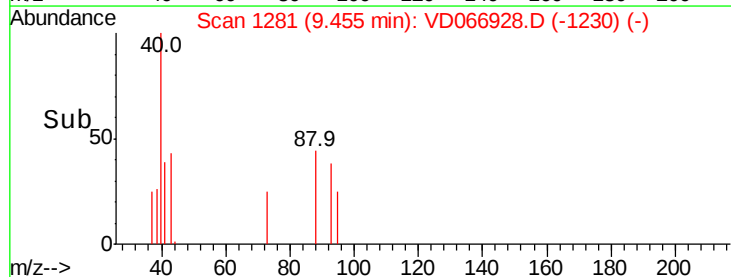
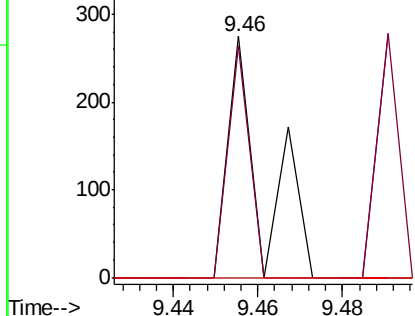


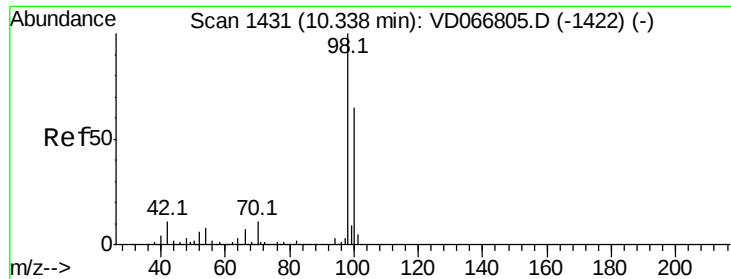
#49
 1,4-Dioxane
 Concen: Below Cal
 RT: 9.46 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: VD066928.D
 Acq: 29 Sep 2020 10:20

Tgt Ion: 88 Resp: 157
 Ion Ratio Lower Upper
 88 100
 43 59.2 27.7 41.5#
 58 0.0 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: 55.614 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066928.D

Acq: 29 Sep 2020 10:20

Instrument :

MSVOA_D

ClientSampleId :

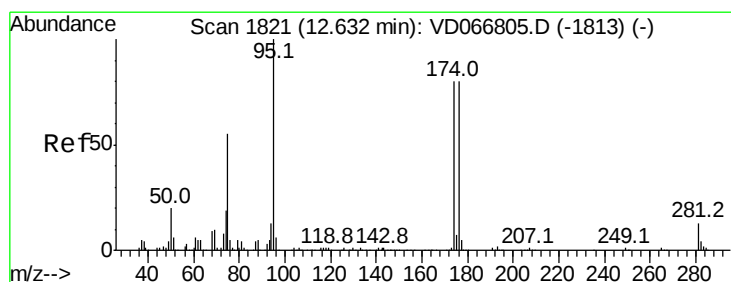
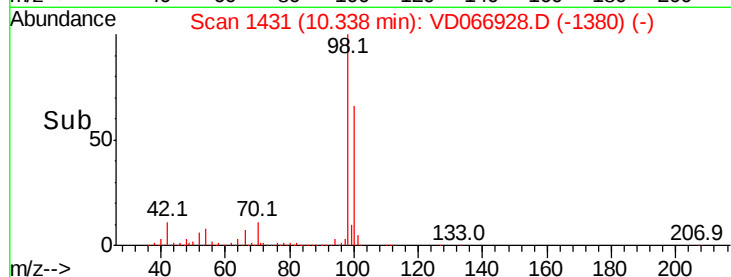
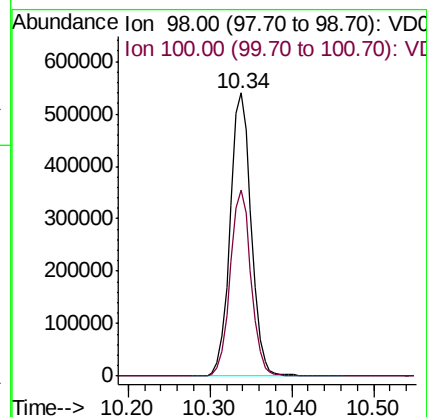
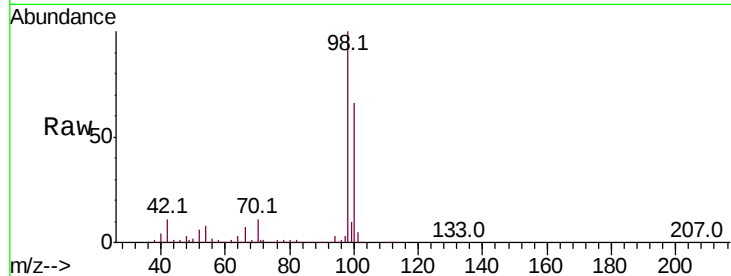
VD0929SBL01

Tot Ion: 98 Resp: 967323

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 61.668 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD066928.D

Acq: 29 Sep 2020 10:20

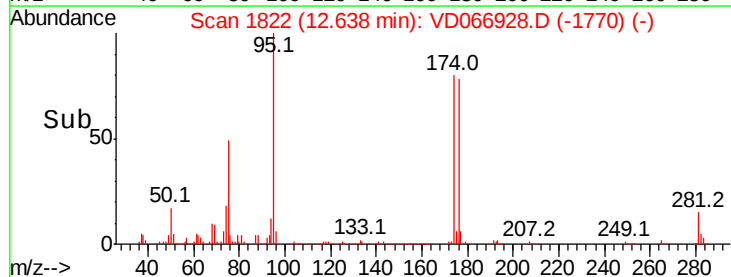
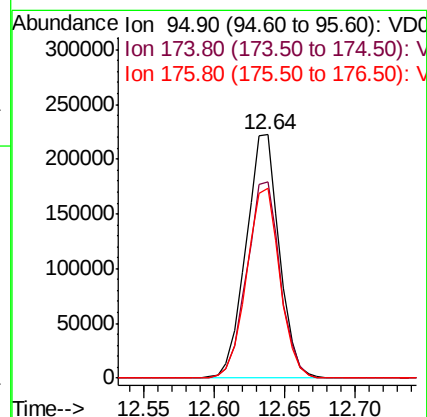
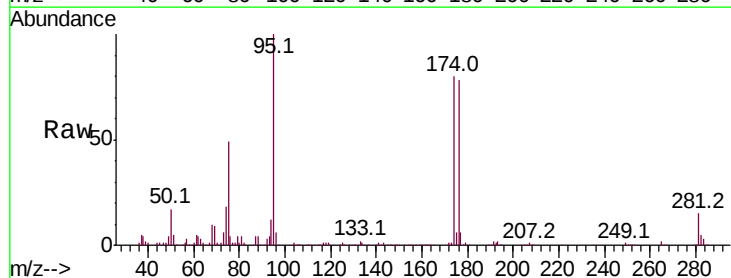
Tgt Ion: 95 Resp: 367193

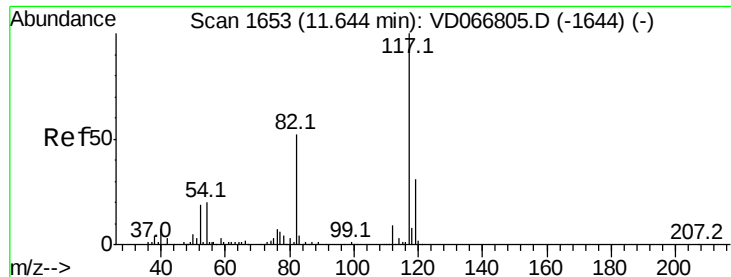
Ion Ratio Lower Upper

95 100

174 80.7 0.0 159.8

176 77.6 0.0 154.4

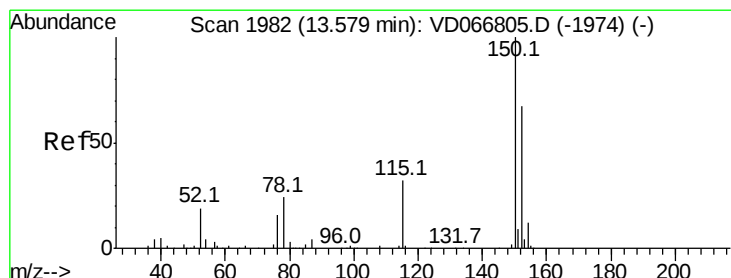
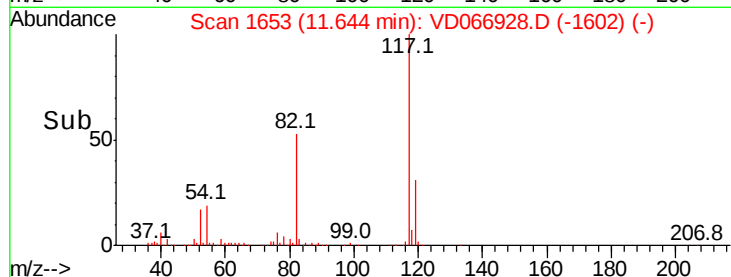
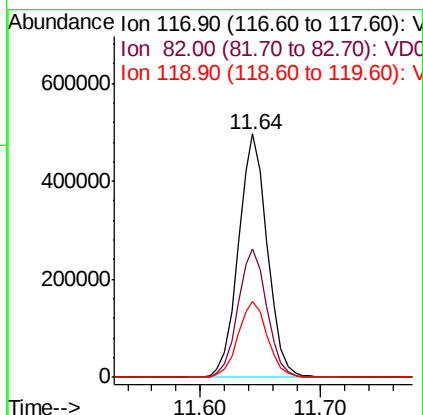
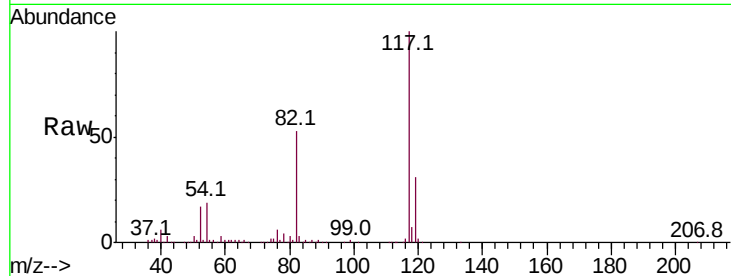




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066928.D
Acq: 29 Sep 2020 10:20

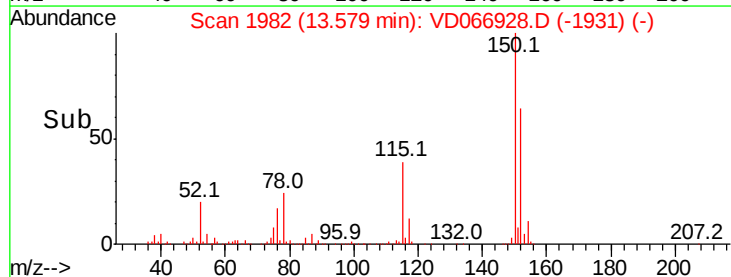
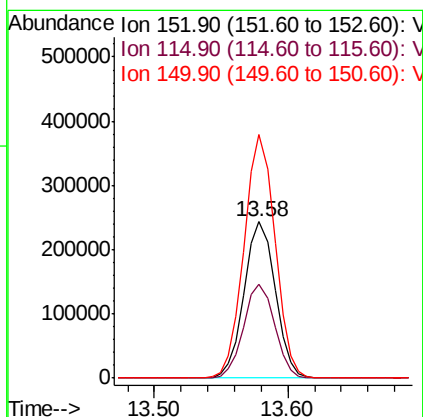
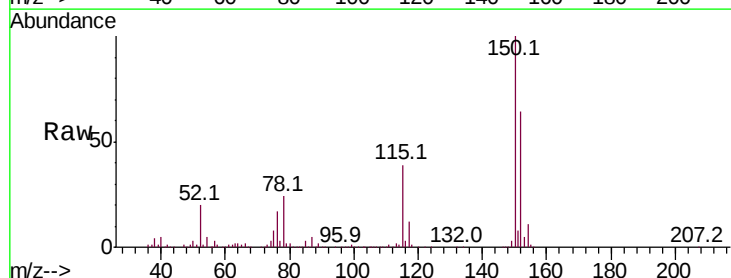
Instrument :
MSVOA_D
ClientSampleId :
VD0929SBL01

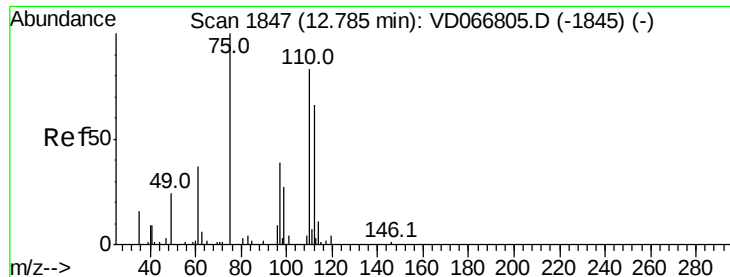
Tot Ion:117 Resp: 822630
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.6
119 31.2 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066928.D
Acq: 29 Sep 2020 10:20

Tgt Ion:152 Resp: 393264
Ion Ratio Lower Upper
152 100
115 59.5 30.3 91.0
150 154.9 0.0 346.2





#76

1,2,3-Trichloropropane

Concen: 57.246 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066928.D

Acq: 29 Sep 2020 10:20

Instrument :

MSVOA_D

ClientSampleId :

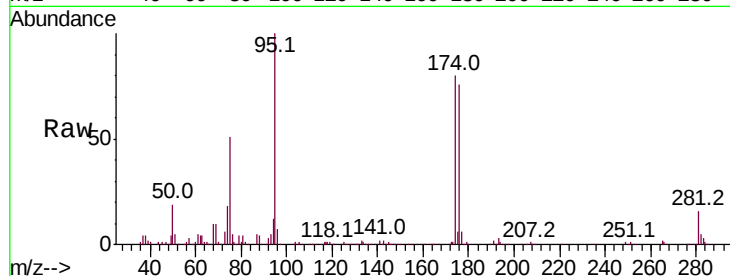
VD0929SBL01

Tot Ion: 75 Resp: 186567

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

12.63

120000

100000

80000

60000

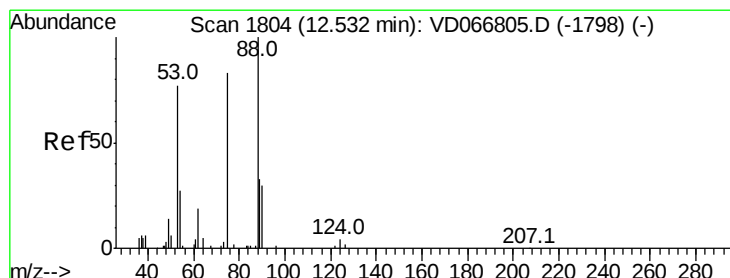
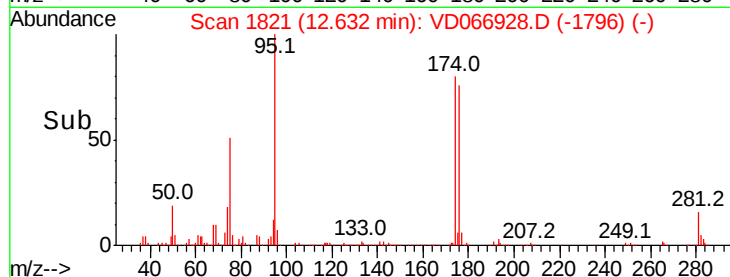
40000

20000

0

Time-->

12.60 12.70



#81

trans-1,4-Dichloro-2-butene

Concen: 143.224 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066928.D

Acq: 29 Sep 2020 10:20

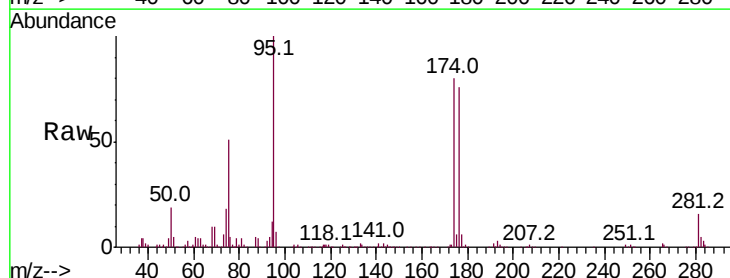
Tgt Ion: 75 Resp: 186567

Ion Ratio Lower Upper

75 100

53 0.1 78.5 117.7#

89 0.4 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

150000

100000

50000

0

Time-->

12.60 12.70

