

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
 Data File : VD068870.D
 Acq On : 16 Apr 2021 12:24
 Operator : VA/SY
 Sample : VD0416SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0416SBL01

Quant Time: Apr 16 23:48:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

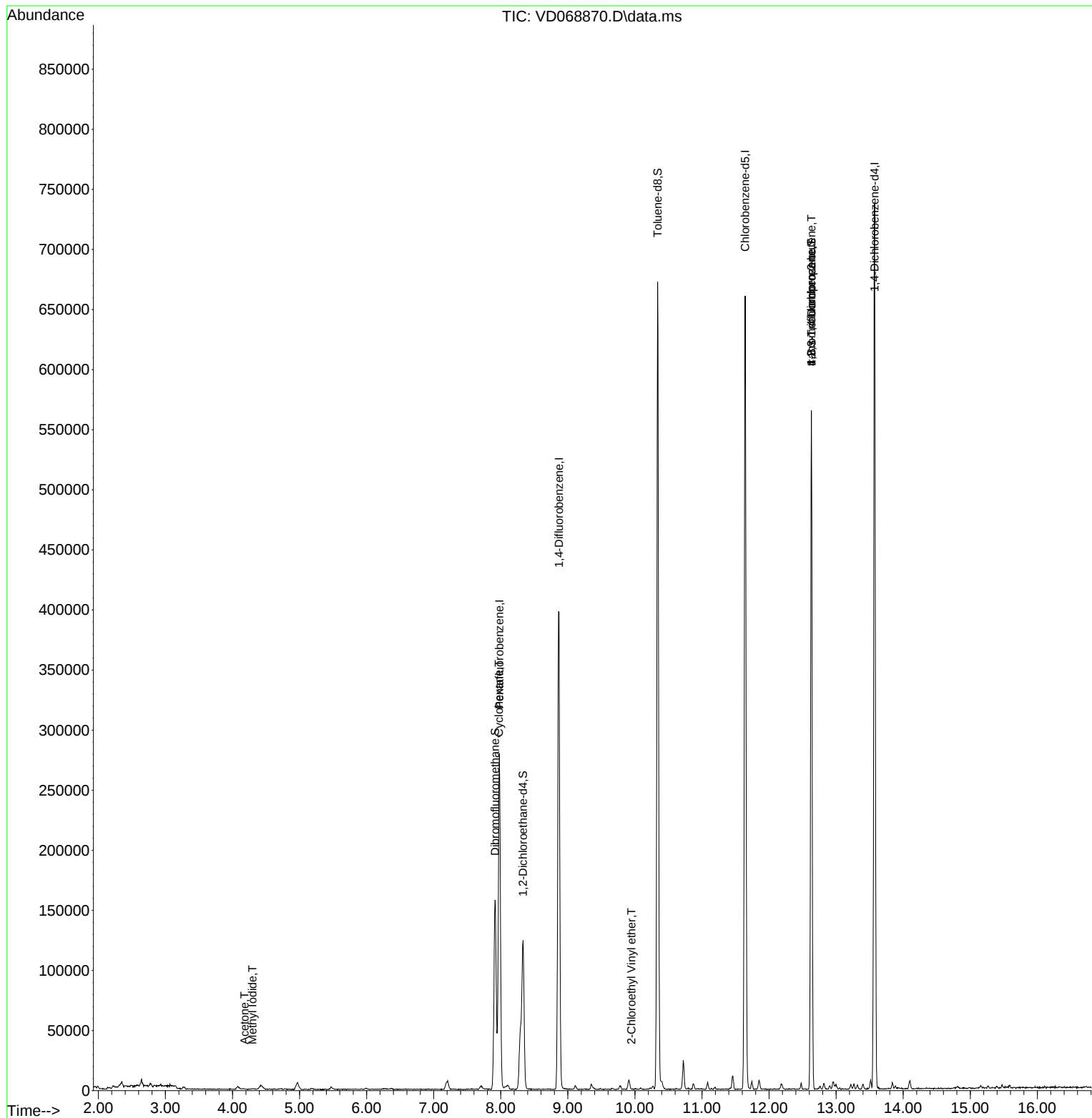
Internal Standards						
1) Pentafluorobenzene	7.979	168	206989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	368572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	405794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	201394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	96339	44.04	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.08%		
35) Dibromofluoromethane	7.914	113	114284	47.67	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.34%		
50) Toluene-d8	10.338	98	467555	51.70	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.40%		
62) 4-Bromofluorobenzene	12.632	95	174632	58.14	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	116.28%		
Target Compounds						
10) Methyl Iodide	4.297	142	917	2.59	ug/l #	65
11) Tert butyl alcohol	5.197	59	427	Below Cal	#	73
16) Acetone	4.179	43	1004	3.31	ug/l #	40
20) Methylene Chloride	4.961	84	4386	Below Cal		87
31) Cyclohexane	7.973	56	5641	1.55	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.949	63	64	17.04	ug/l #	44
76) 1,2,3-Trichloropropane	12.632	75	89294	48.53	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	89294	112.63	ug/l #	16

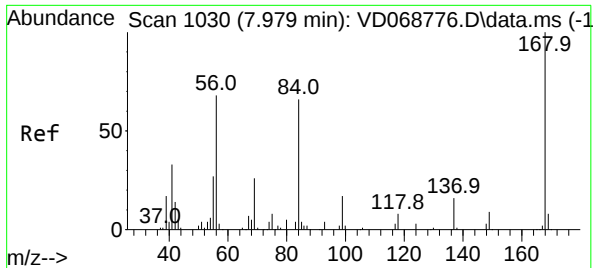
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
Data File : VD068870.D
Acq On : 16 Apr 2021 12:24
Operator : VA/SY
Sample : VD0416SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0416SBL01

Quant Time: Apr 16 23:48:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

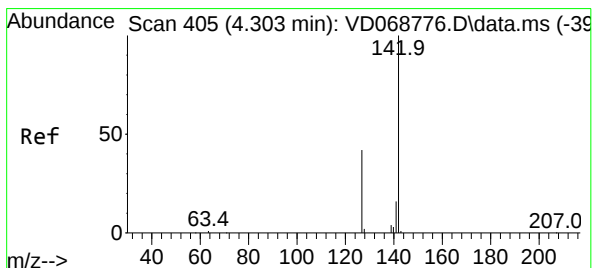
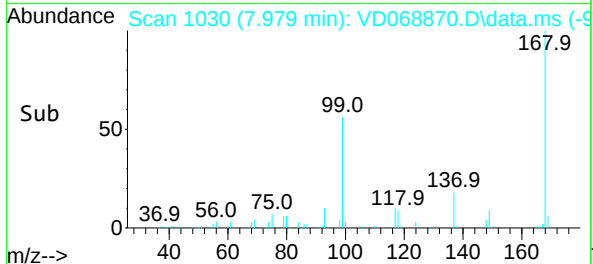
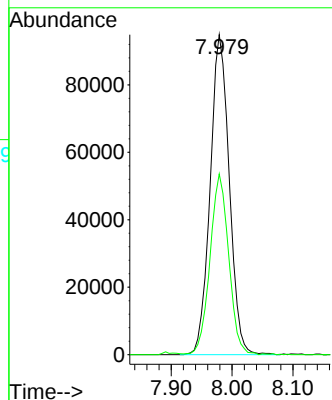
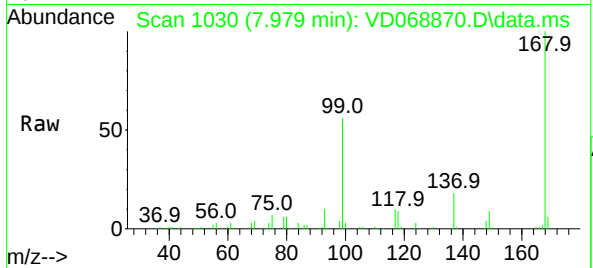




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068870.D
Acq: 16 Apr 2021 12:24

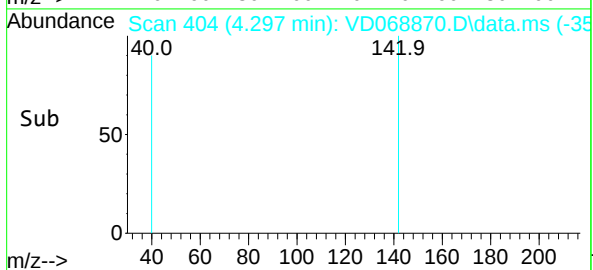
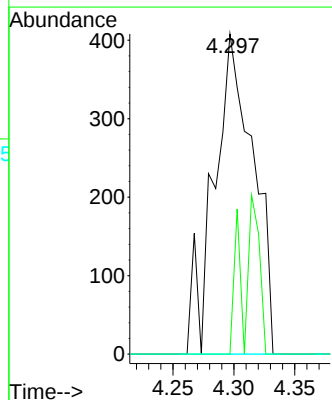
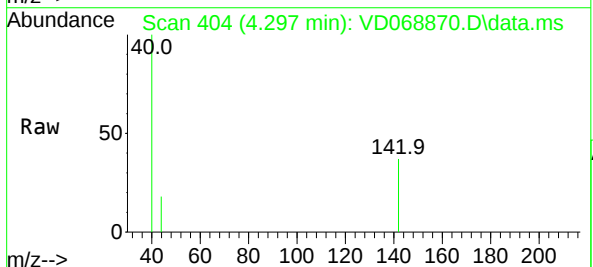
Instrument :
MSVOA_D
ClientSampleId :
VD0416SBL01

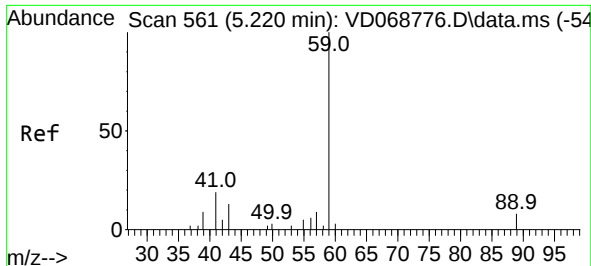
Tgt Ion:168 Resp: 206989
Ion Ratio Lower Upper
168 100
99 56.3 46.2 69.2



#10
Methyl Iodide
Concen: 2.59 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD068870.D
Acq: 16 Apr 2021 12:24

Tgt Ion:142 Resp: 917
Ion Ratio Lower Upper
142 100
127 20.8 34.7 52.1#
141 0.0 11.0 16.4#

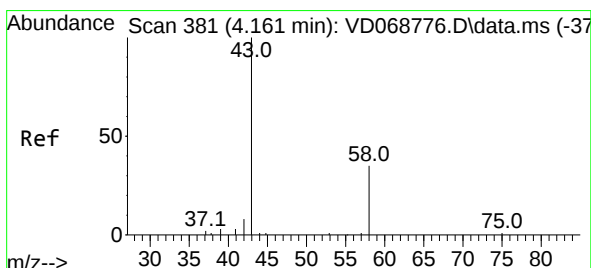
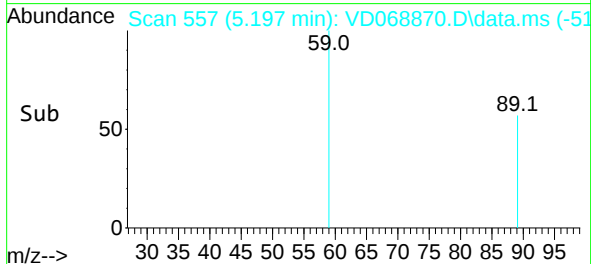
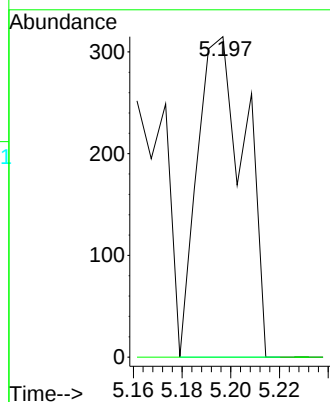
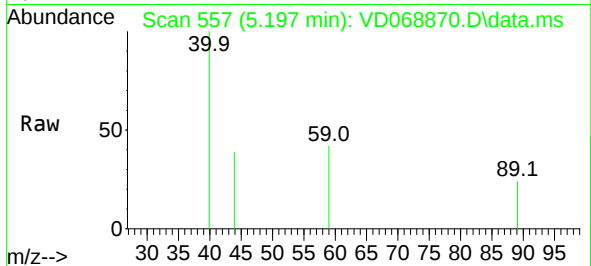




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.197 min Scan# 557
Delta R.T. -0.023 min
Lab File: VD068870.D
Acq: 16 Apr 2021 12:24

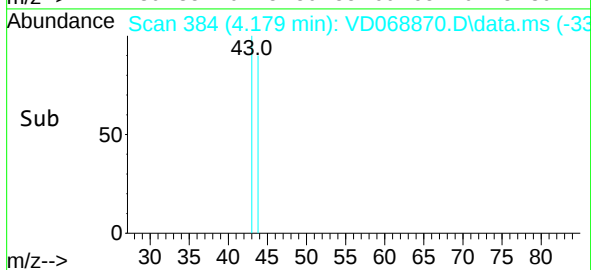
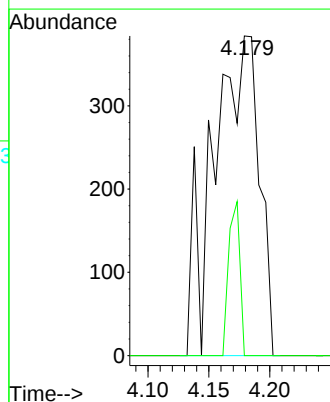
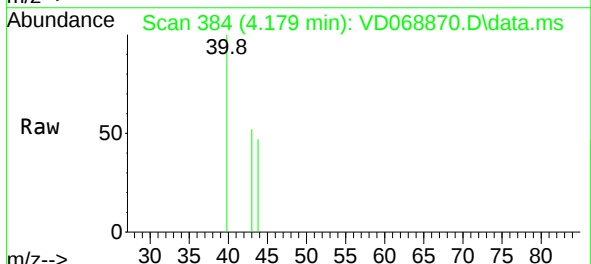
Instrument :
MSVOA_D
ClientSampleId :
VD0416SBL01

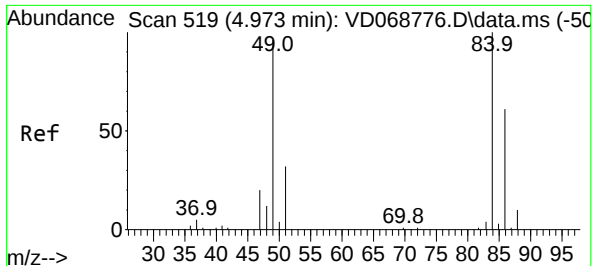
Tgt Ion: 59 Resp: 427
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 3.31 ug/l
RT: 4.179 min Scan# 384
Delta R.T. 0.018 min
Lab File: VD068870.D
Acq: 16 Apr 2021 12:24

Tgt Ion: 43 Resp: 1004
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.961 min Scan# 517

Delta R.T. -0.012 min

Lab File: VD068870.D

Acq: 16 Apr 2021 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0416SBL01

Tgt Ion: 84 Resp: 4386

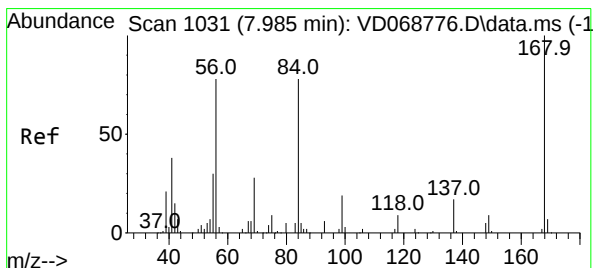
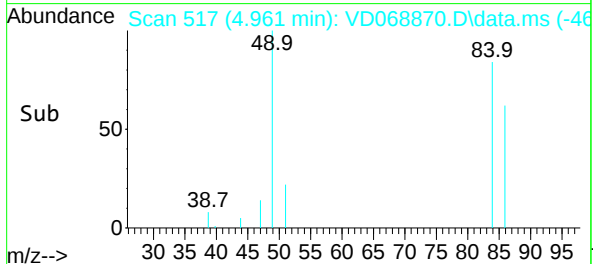
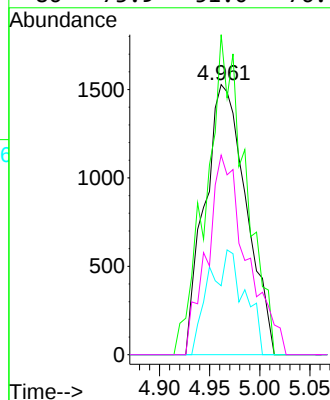
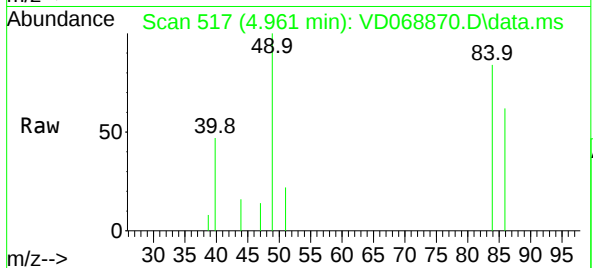
Ion Ratio Lower Upper

84 100

49 118.5 83.4 125.0

51 25.5 23.4 35.2

86 73.9 51.0 76.4



#31

Cyclohexane

Concen: 1.55 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD068870.D

Acq: 16 Apr 2021 12:24

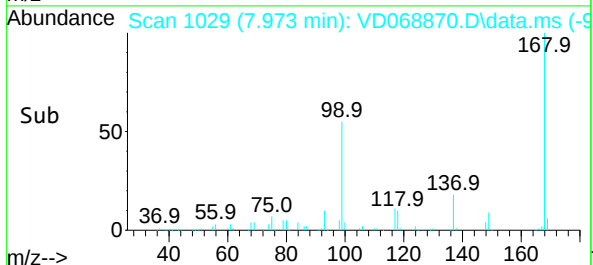
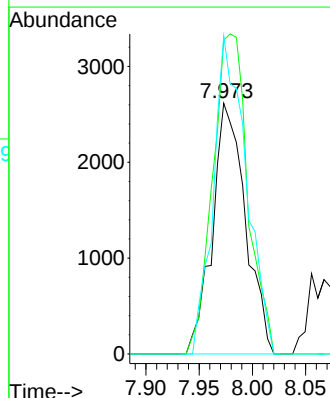
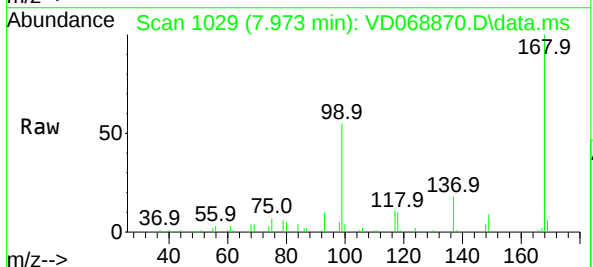
Tgt Ion: 56 Resp: 5641

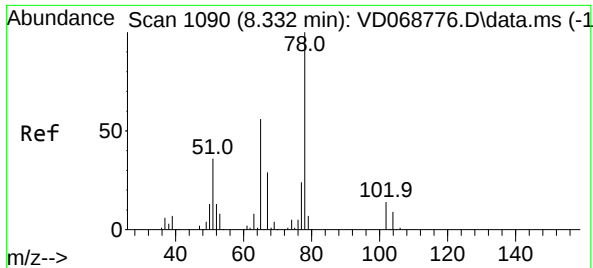
Ion Ratio Lower Upper

56 100

69 125.2 30.0 45.0#

84 126.9 82.0 123.0#

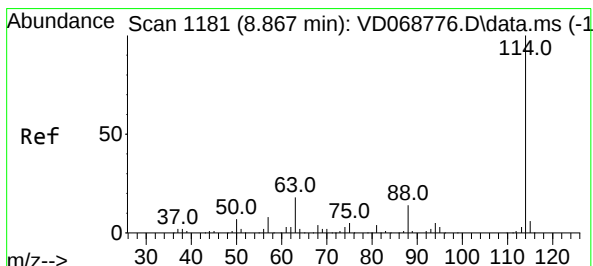
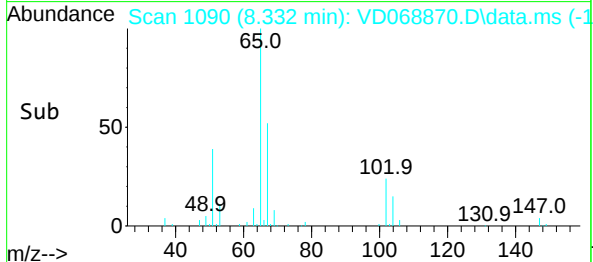
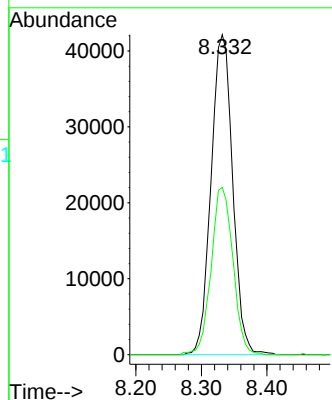
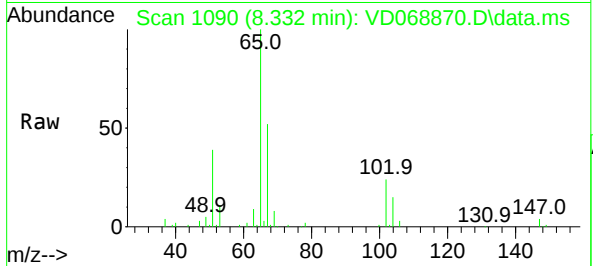




#33
 1,2-Dichloroethane-d4
 Concen: 44.04 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VD068870.D
 Acq: 16 Apr 2021 12:24

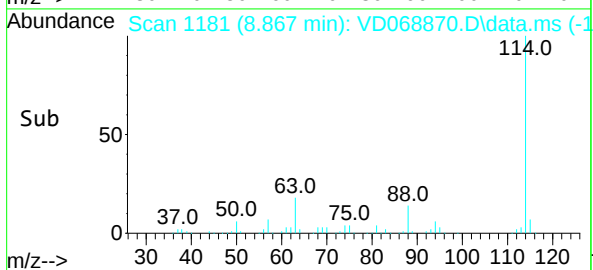
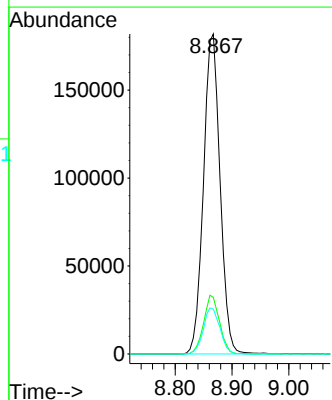
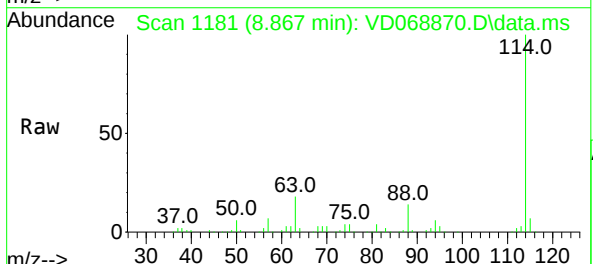
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0416SBL01

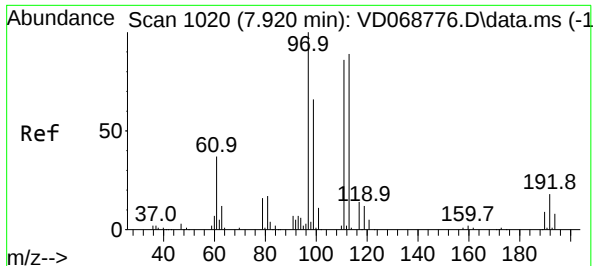
Tgt Ion: 65 Resp: 96339
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068870.D
 Acq: 16 Apr 2021 12:24

Tgt Ion: 114 Resp: 368572
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 38.2
 88 14.1 0.0 29.4





#35

Dibromofluoromethane

Concen: 47.67 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068870.D

Acq: 16 Apr 2021 12:24

Tgt Ion:113 Resp: 114284

Ion Ratio Lower Upper

113 100

111 101.0 82.5 123.7

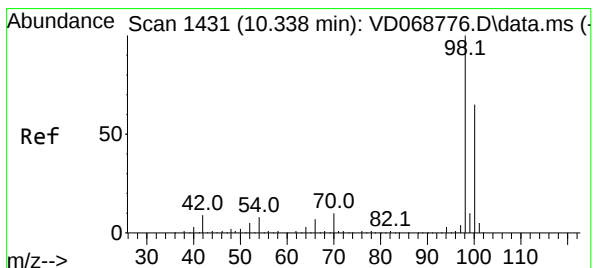
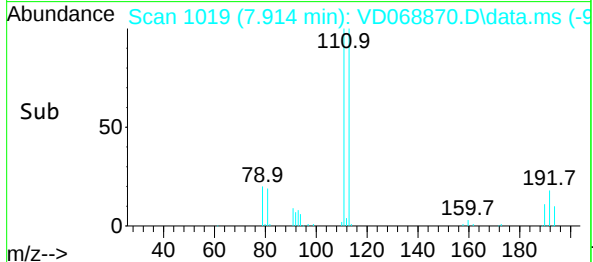
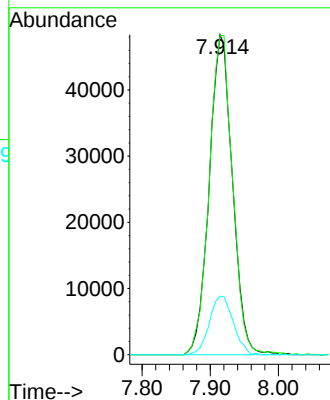
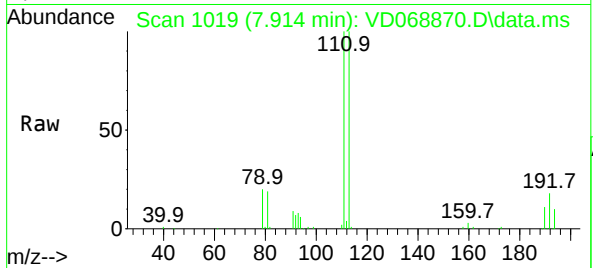
192 18.9 15.1 22.7

Instrument :

MSVOA_D

ClientSampleId :

VD0416SBL01



#50

Toluene-d8

Concen: 51.70 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD068870.D

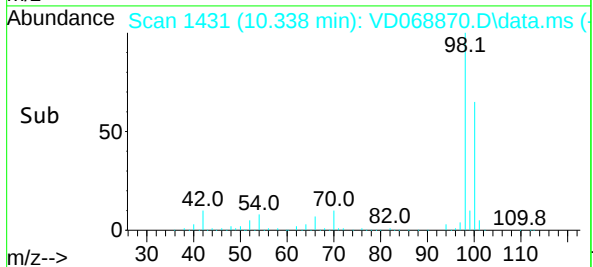
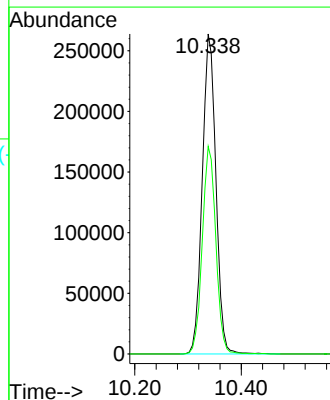
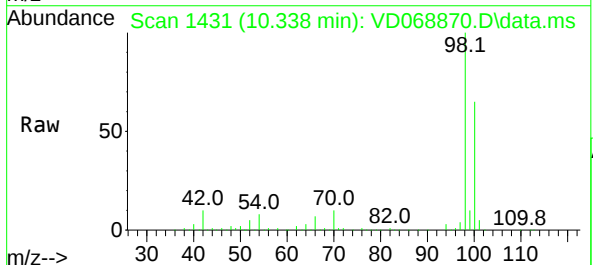
Acq: 16 Apr 2021 12:24

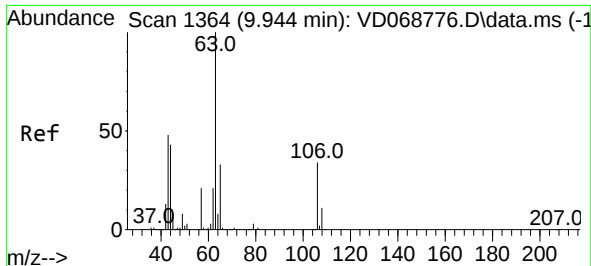
Tgt Ion: 98 Resp: 467555

Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.6

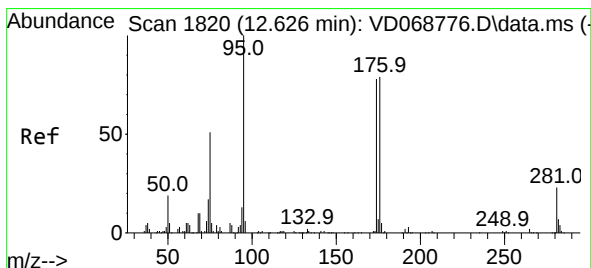
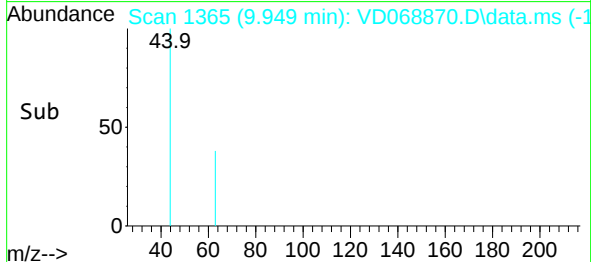
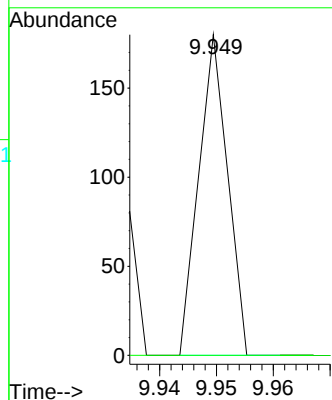
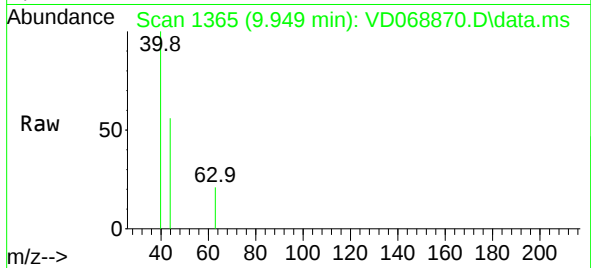




#58
2-Chloroethyl Vinyl ether
Concen: 17.04 ug/l
RT: 9.949 min Scan# 1365
Delta R.T. 0.005 min
Lab File: VD068870.D
Acq: 16 Apr 2021 12:24

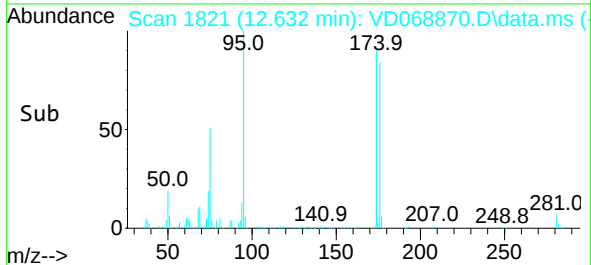
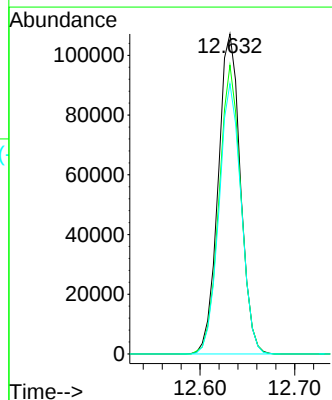
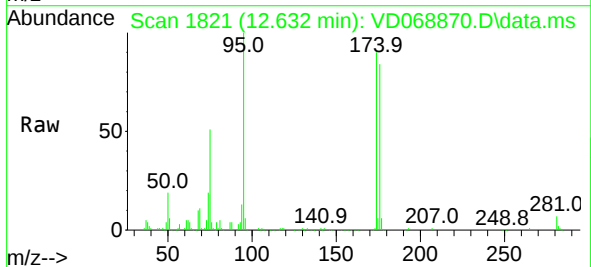
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ClientSampleId :
VD0416SBL01

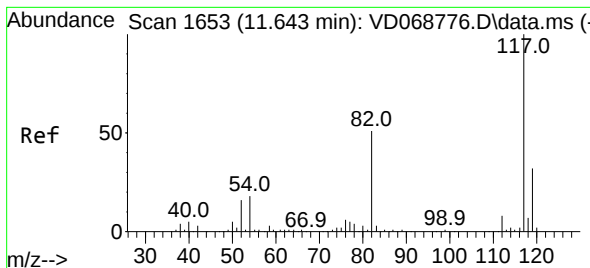
Tgt Ion: 63 Resp: 64
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#62
4-Bromofluorobenzene
Concen: 58.14 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068870.D
Acq: 16 Apr 2021 12:24

Tgt Ion: 95 Resp: 174632
Ion Ratio Lower Upper
95 100
174 88.4 0.0 168.0
176 84.3 0.0 160.2

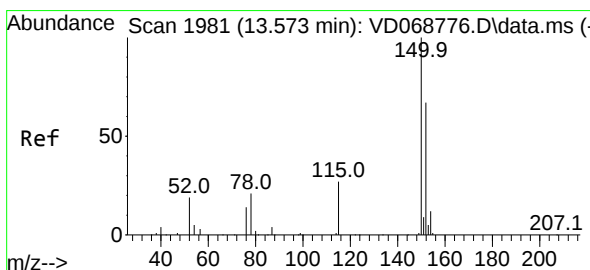
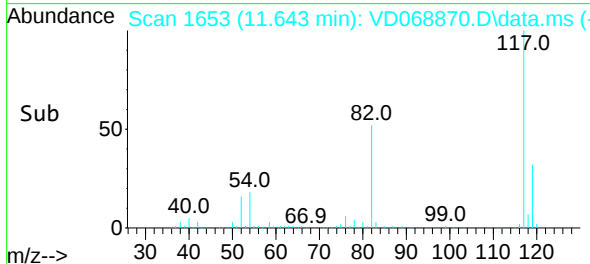
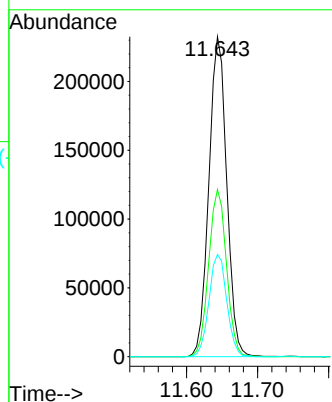
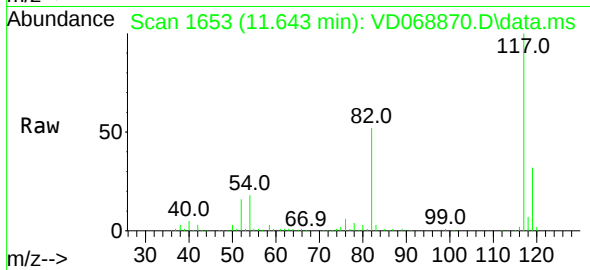




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068870.D
Acq: 16 Apr 2021 12:24

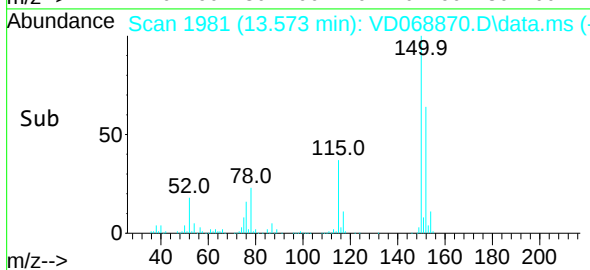
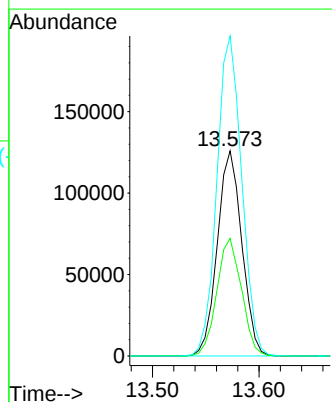
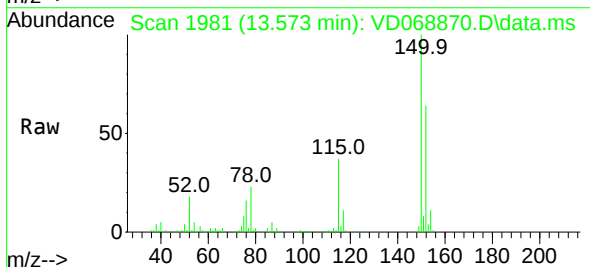
Instrument :
MSVOA_D
ClientSampleId :
VD0416SBL01

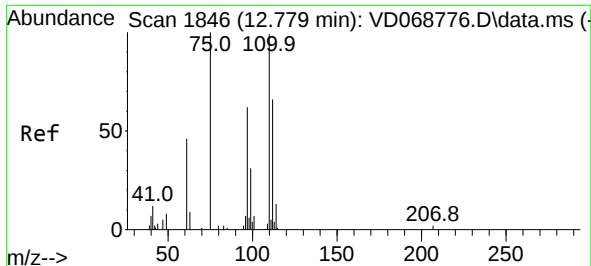
Tgt Ion:117 Resp: 405794
Ion Ratio Lower Upper
117 100
82 52.2 43.5 65.3
119 32.0 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068870.D
Acq: 16 Apr 2021 12:24

Tgt Ion:152 Resp: 201394
Ion Ratio Lower Upper
152 100
115 57.6 29.3 87.8
150 157.8 0.0 347.6

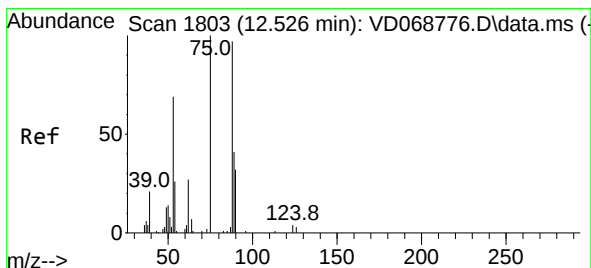
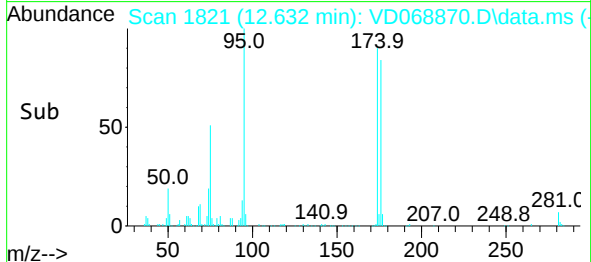
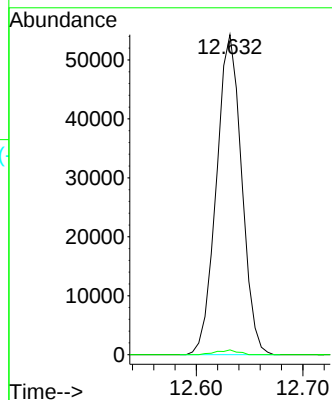
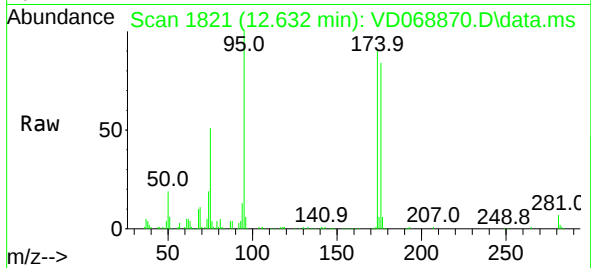




#76
1,2,3-Trichloropropane
Concen: 48.53 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068870.D
Acq: 16 Apr 2021 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0416SBL01

Tgt Ion: 75 Resp: 89294
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.63 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068870.D
Acq: 16 Apr 2021 12:24

Tgt Ion: 75 Resp: 89294
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 36.6 54.8#

