

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062722\
 Data File : VD073729.D
 Acq On : 27 Jun 2022 18:58
 Operator : VA/SY
 Sample : VD0627SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0627SBL01

Quant Time: Jun 28 02:12:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062722S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 16:20:04 2022
 Response via : Initial Calibration

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

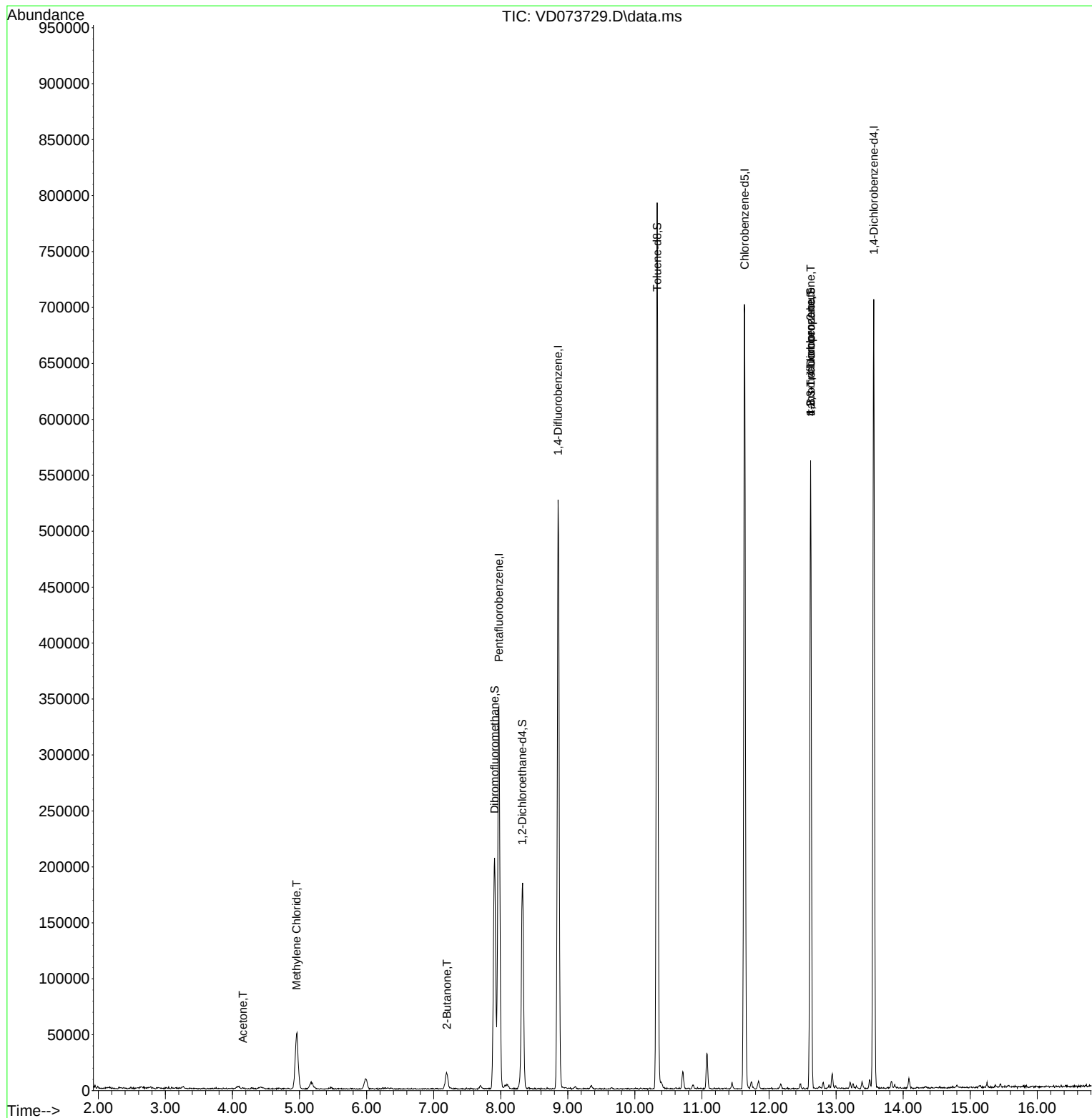
Internal Standards						
1) Pentafluorobenzene	7.973	168	247757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	441625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	418750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	193120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	152838	77.923	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 155.840%	
35) Dibromofluoromethane	7.909	113	149330	58.596	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.200%	
50) Toluene-d8	10.332	98	533848	61.775	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 123.540%	
62) 4-Bromofluorobenzene	12.620	95	178145	50.057	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.120%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	999	Below Cal	#	71
4) Vinyl Chloride	2.350	62	674	Below Cal	#	40
5) Bromomethane	2.756	94	492	Below Cal	#	3
11) Tert butyl alcohol	5.173	59	5659	Below Cal	#	100
16) Acetone	4.156	43	1716	4.359	ug/l	92
18) Methyl Acetate	4.456	43	320	Below Cal	#	50
20) Methylene Chloride	4.956	84	39768	7.972	ug/l #	84
25) 2-Butanone	7.197	43	955	1.629	ug/l #	47
31) Cyclohexane	7.967	56	7111	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.620	75	92946	64.330	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	92946	131.025	ug/l #	11

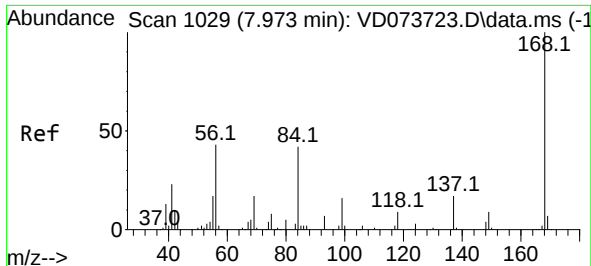
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062722\
Data File : VD073729.D
Acq On : 27 Jun 2022 18:58
Operator : VA/SY
Sample : VD0627SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0627SBL01

Quant Time: Jun 28 02:12:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062722S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 27 16:20:04 2022
Response via : Initial Calibration

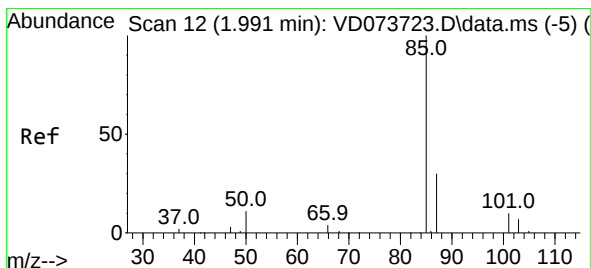
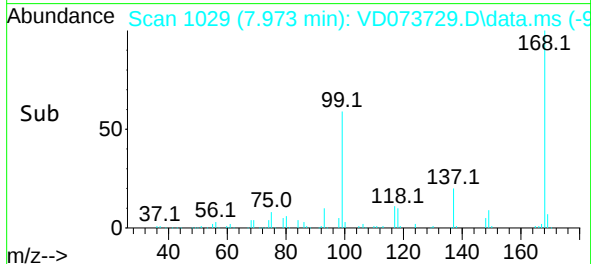
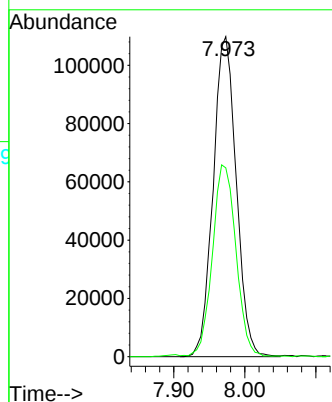
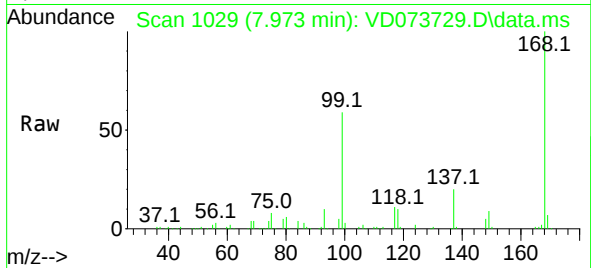




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073729.D
Acq: 27 Jun 2022 18:58

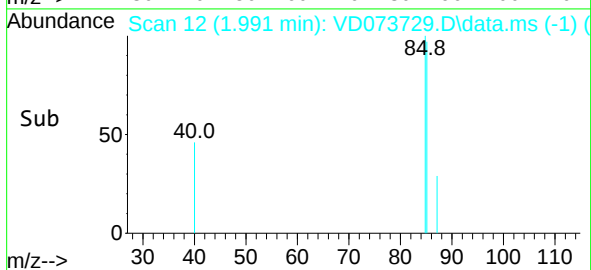
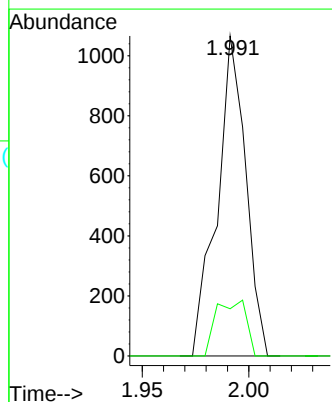
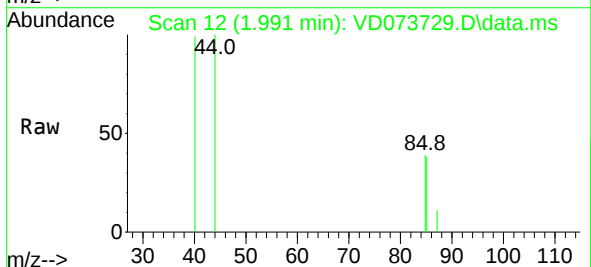
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBL01

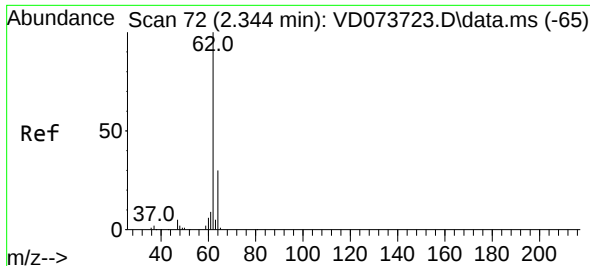
Tgt Ion:168 Resp: 247757
Ion Ratio Lower Upper
168 100
99 58.9 46.4 69.6



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073729.D
Acq: 27 Jun 2022 18:58

Tgt Ion: 85 Resp: 999
Ion Ratio Lower Upper
85 100
87 14.7 15.2 45.5#

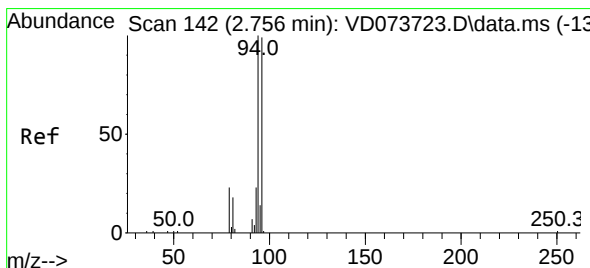
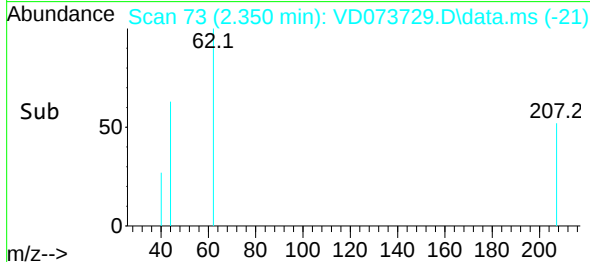
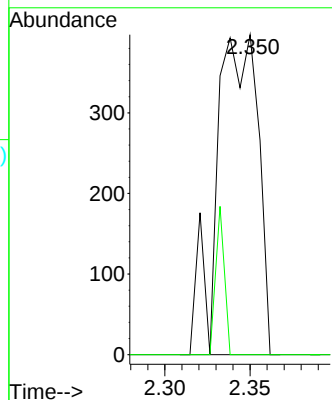
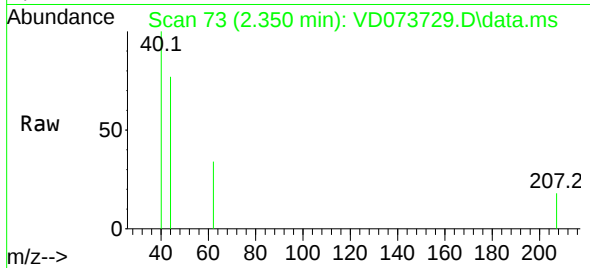




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.350 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD073729.D
 Acq: 27 Jun 2022 18:58

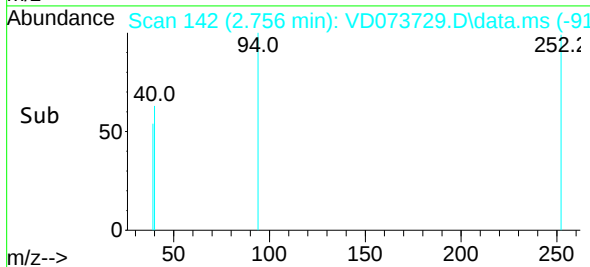
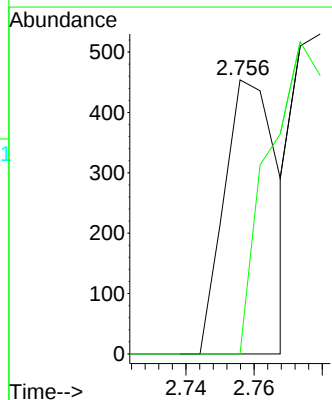
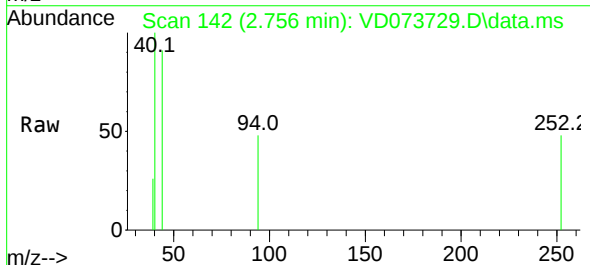
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0627SBL01

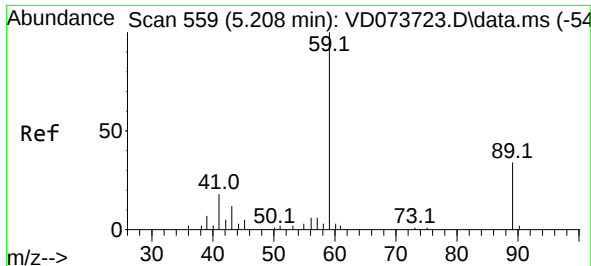
Tgt Ion: 62 Resp: 674
 Ion Ratio Lower Upper
 62 100
 64 0.0 27.8 41.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.756 min Scan# 142
 Delta R.T. -0.000 min
 Lab File: VD073729.D
 Acq: 27 Jun 2022 18:58

Tgt Ion: 94 Resp: 492
 Ion Ratio Lower Upper
 94 100
 96 0.0 75.1 112.7#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.173 min Scan# 51

Delta R.T. -0.035 min

Lab File: VD073729.D

Acq: 27 Jun 2022 18:58

Instrument :

MSVOA_D

ClientSampleId :

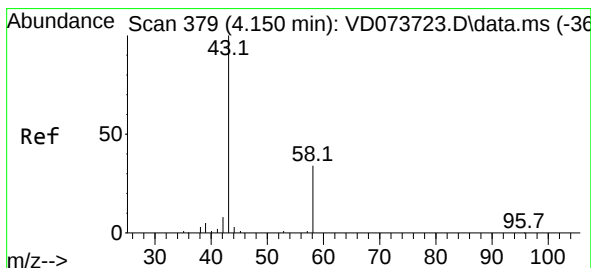
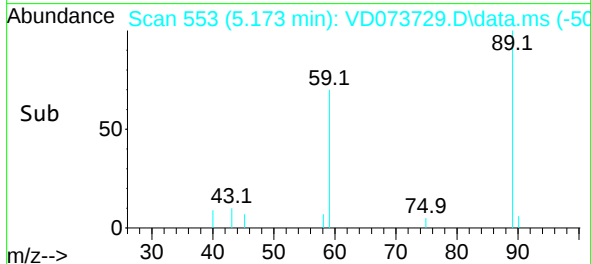
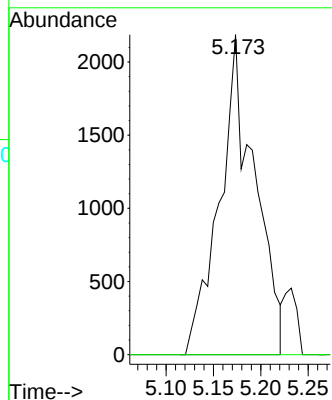
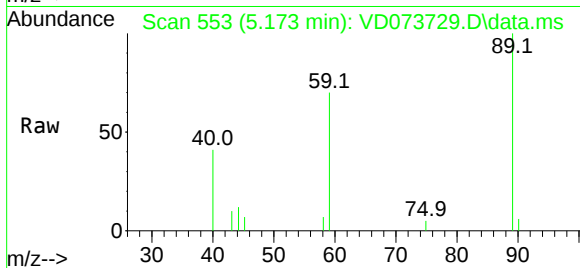
VD0627SBL01

Tgt Ion: 59 Resp: 5659

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0



#16

Acetone

Concen: 4.359 ug/l

RT: 4.156 min Scan# 380

Delta R.T. 0.006 min

Lab File: VD073729.D

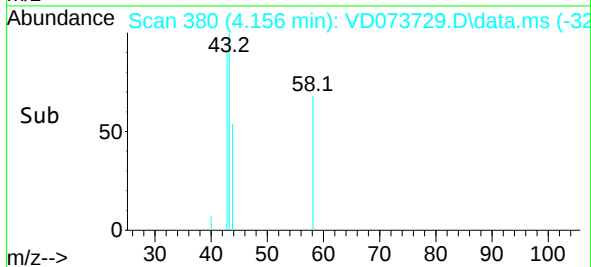
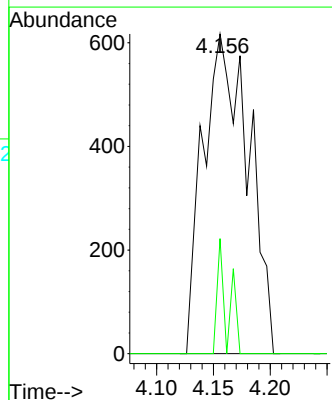
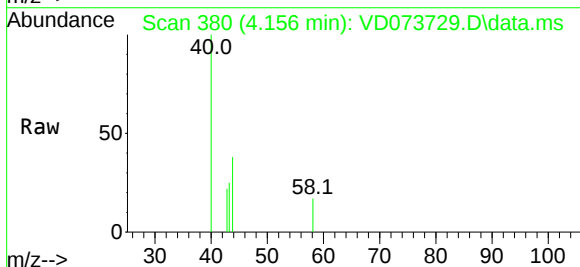
Acq: 27 Jun 2022 18:58

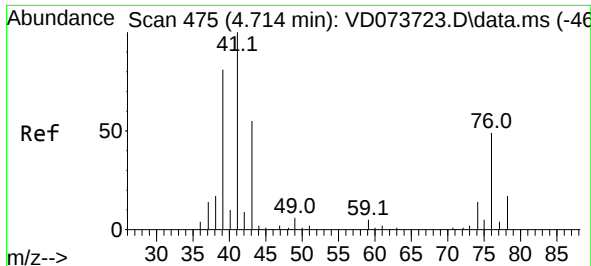
Tgt Ion: 43 Resp: 1716

Ion Ratio Lower Upper

43 100

58 36.0 25.2 37.8





#18

Methyl Acetate

Concen: Below Cal

RT: 4.456 min Scan# 41

Delta R.T. -0.258 min

Lab File: VD073729.D

Acq: 27 Jun 2022 18:58

Instrument :

MSVOA_D

ClientSampleId :

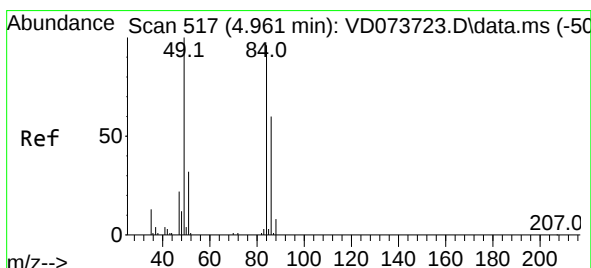
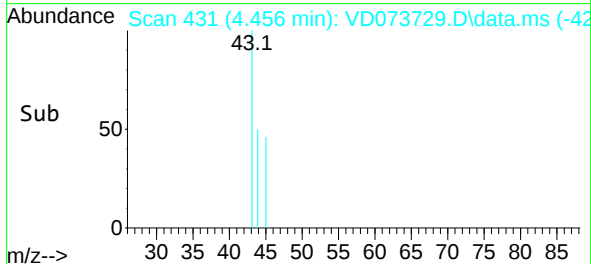
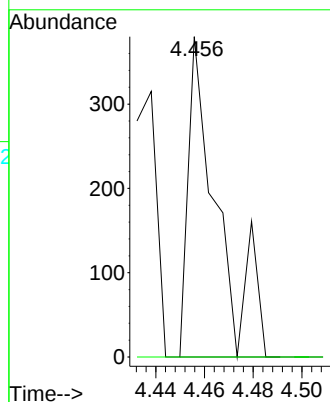
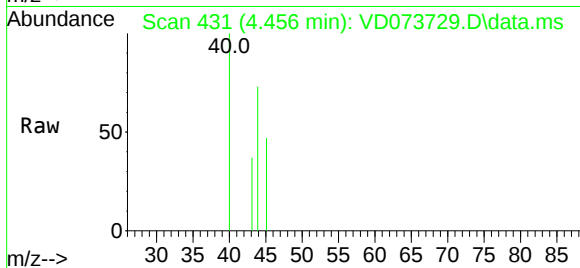
VD0627SBL01

Tgt Ion: 43 Resp: 320

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.4#



#20

Methylene Chloride

Concen: 7.972 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.005 min

Lab File: VD073729.D

Acq: 27 Jun 2022 18:58

Tgt Ion: 84 Resp: 39768

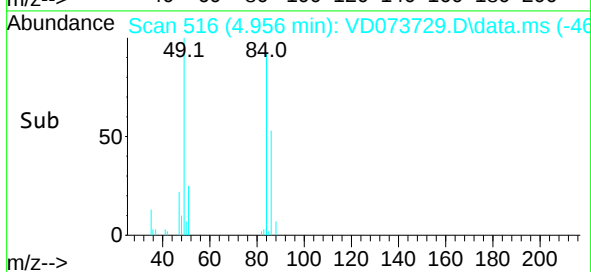
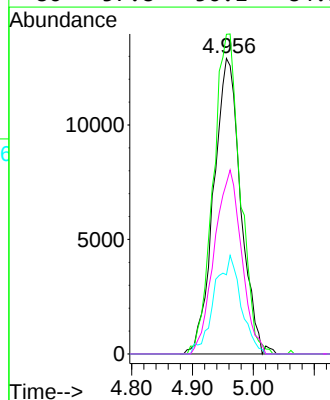
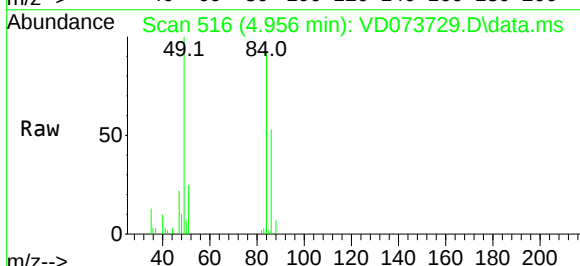
Ion Ratio Lower Upper

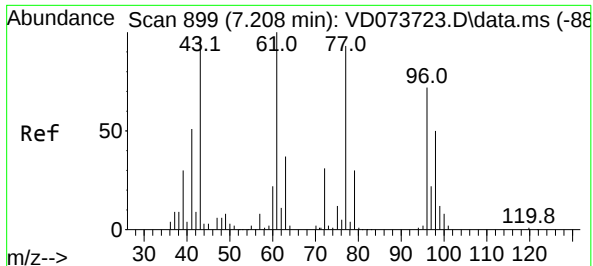
84 100

49 108.2 100.6 150.8

51 26.8 29.8 44.6#

86 57.8 56.1 84.1

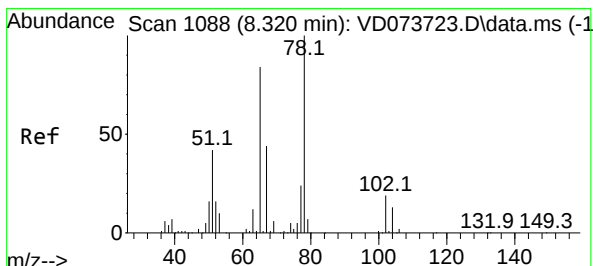
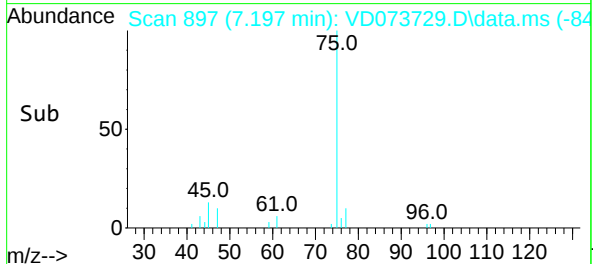
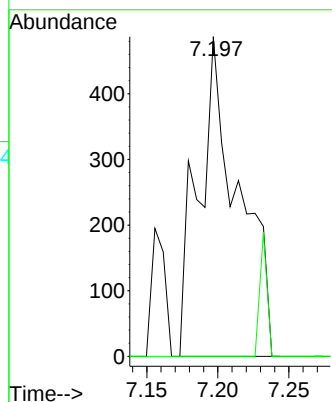
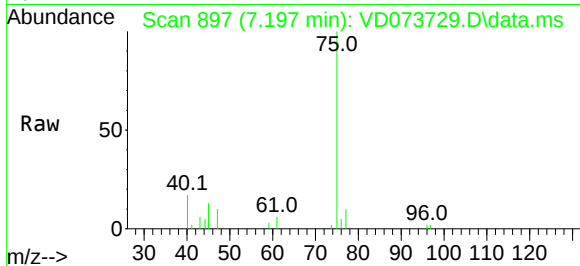




#25
2-Butanone
Concen: 1.629 ug/l
RT: 7.197 min Scan# 899
Delta R.T. -0.011 min
Lab File: VD073729.D
Acq: 27 Jun 2022 18:58

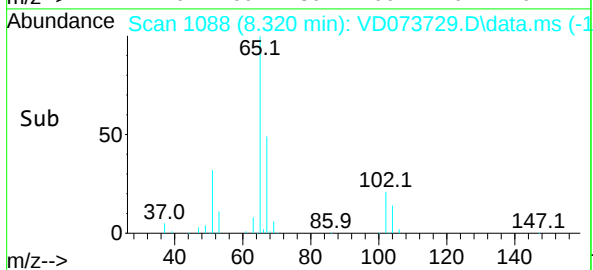
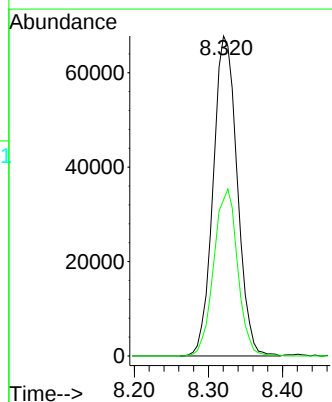
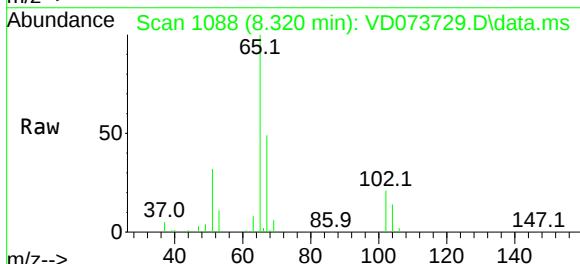
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBL01

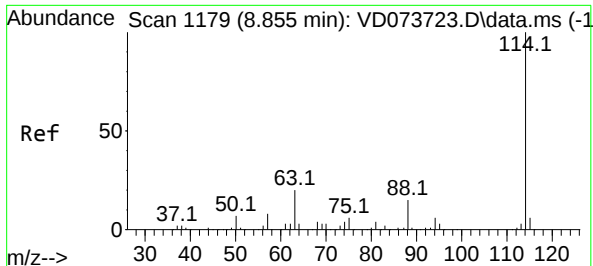
Tgt Ion: 43 Resp: 955
Ion Ratio Lower Upper
43 100
72 0.0 22.6 33.8#



#33
1,2-Dichloroethane-d4
Concen: 77.923 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073729.D
Acq: 27 Jun 2022 18:58

Tgt Ion: 65 Resp: 152838
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073729.D

Acq: 27 Jun 2022 18:58

Instrument :

MSVOA_D

ClientSampleId :

VD0627SBL01

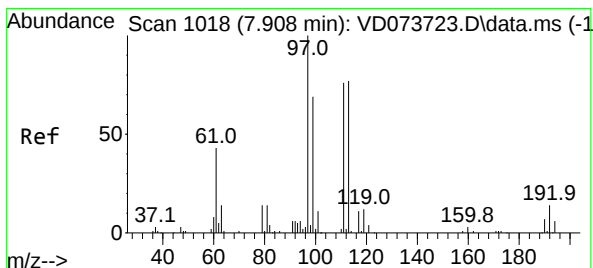
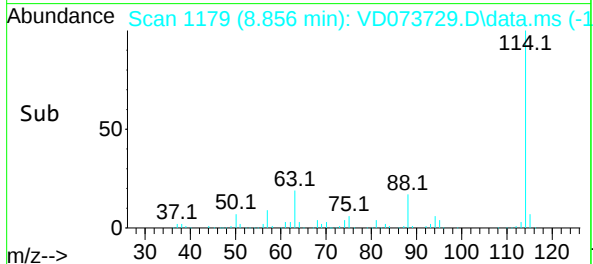
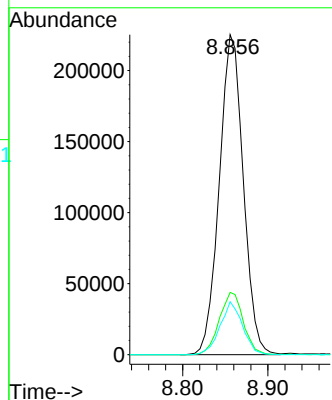
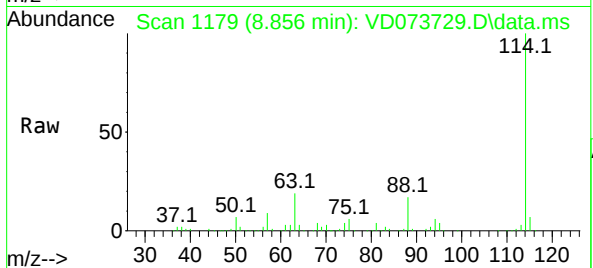
Tgt Ion:114 Resp: 441625

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

88 16.5 0.0 29.4



#35

Dibromofluoromethane

Concen: 58.596 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.001 min

Lab File: VD073729.D

Acq: 27 Jun 2022 18:58

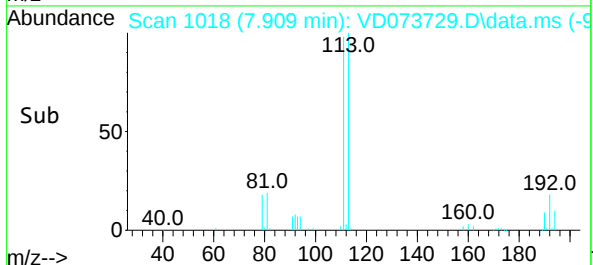
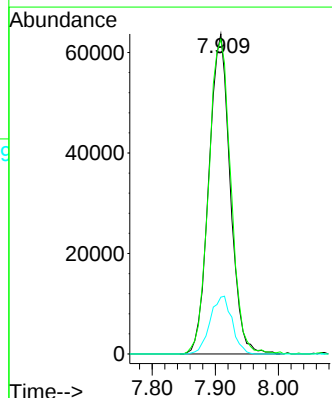
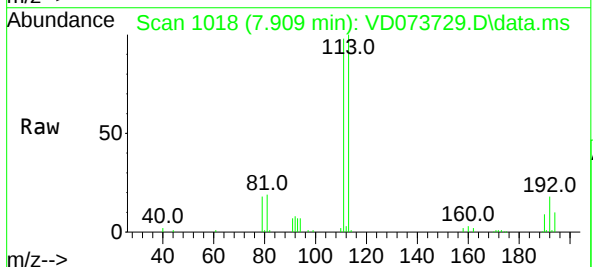
Tgt Ion:113 Resp: 149330

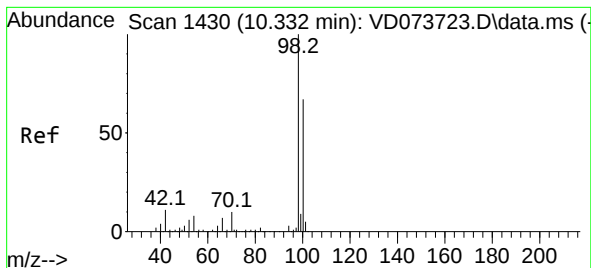
Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.6

192 18.6 14.8 22.2





#50

Toluene-d8

Concen: 61.775 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073729.D

Acq: 27 Jun 2022 18:58

Instrument :

MSVOA_D

ClientSampleId :

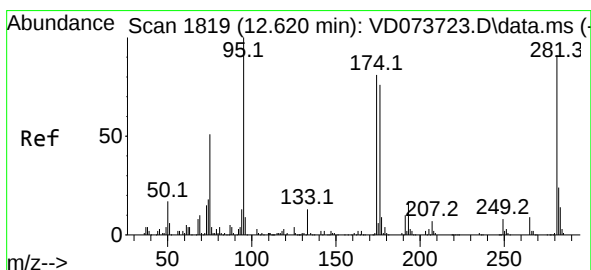
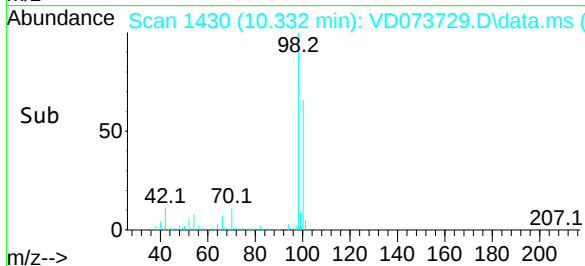
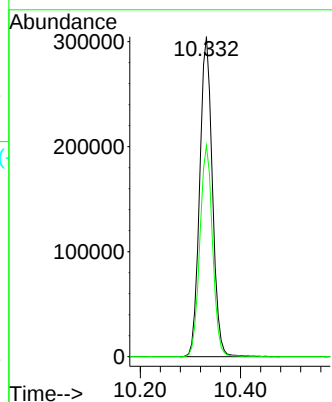
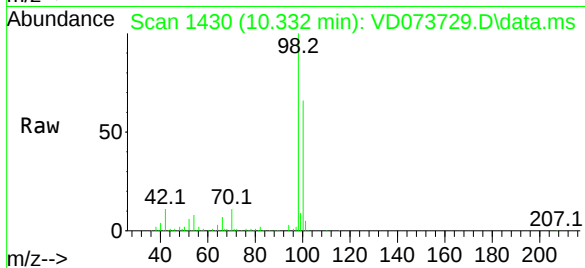
VD0627SBL01

Tgt Ion: 98 Resp: 533848

Ion Ratio Lower Upper

98 100

100 66.1 54.0 81.0



#62

4-Bromofluorobenzene

Concen: 50.057 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.000 min

Lab File: VD073729.D

Acq: 27 Jun 2022 18:58

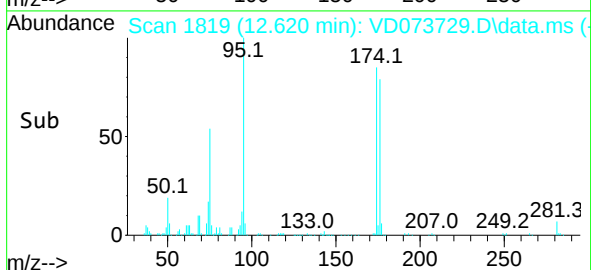
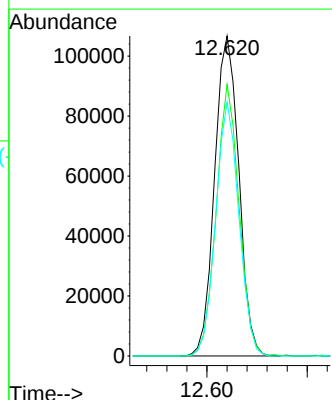
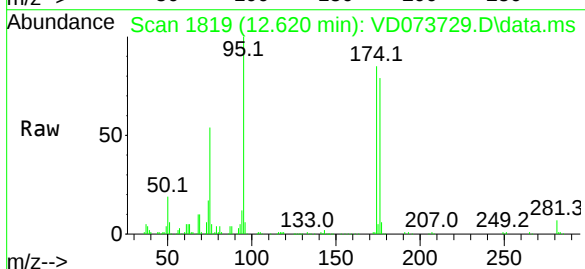
Tgt Ion: 95 Resp: 178145

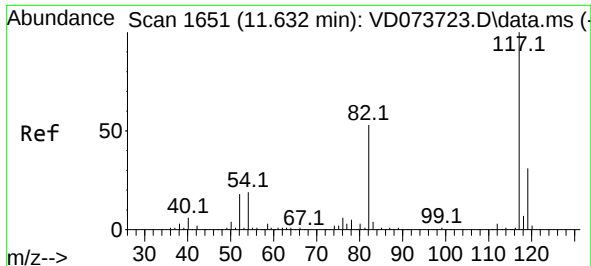
Ion Ratio Lower Upper

95 100

174 80.4 0.0 158.4

176 76.3 0.0 154.8

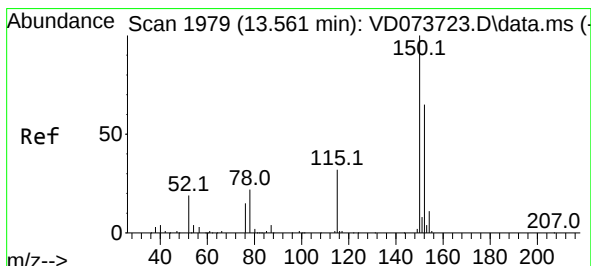
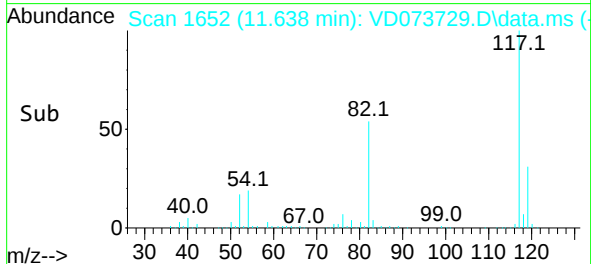
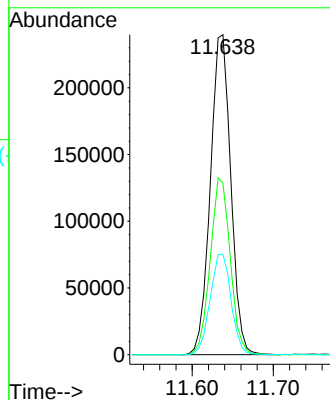
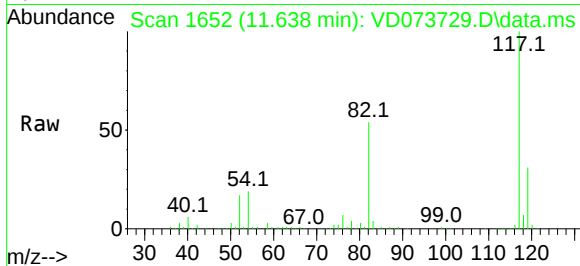




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD073729.D
Acq: 27 Jun 2022 18:58

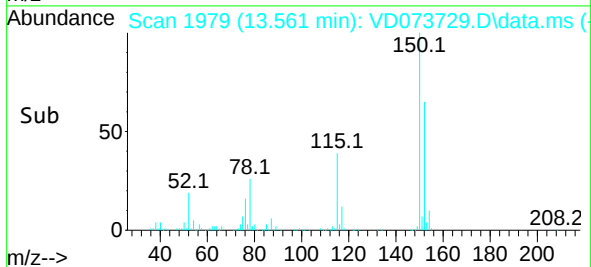
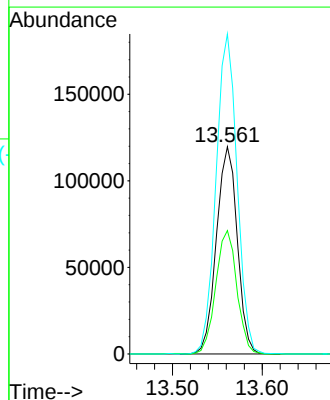
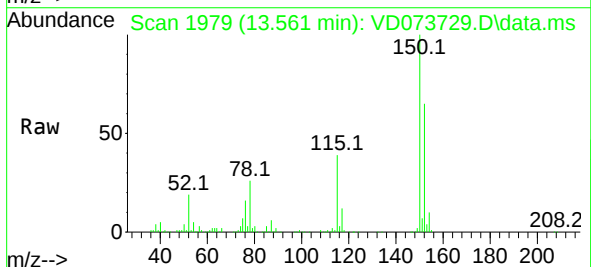
Instrument :
MSVOA_D
ClientSampleId :
VD0627SBL01

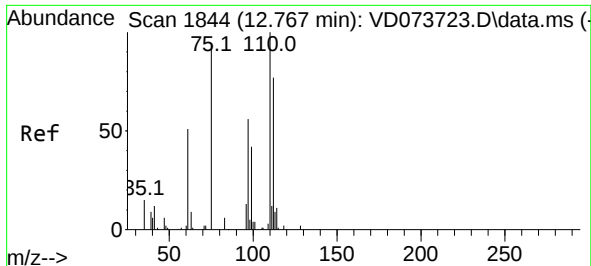
Tgt Ion:117 Resp: 418750
Ion Ratio Lower Upper
117 100
82 53.6 41.5 62.3
119 31.5 27.1 40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073729.D
Acq: 27 Jun 2022 18:58

Tgt Ion:152 Resp: 193120
Ion Ratio Lower Upper
152 100
115 60.2 30.6 91.6
150 155.8 0.0 355.0

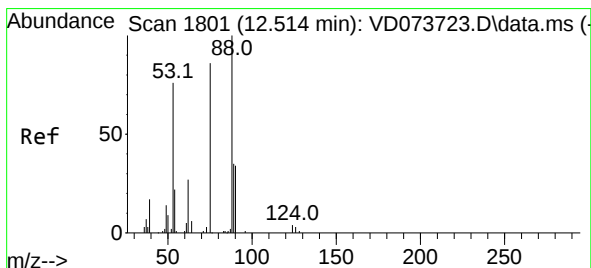
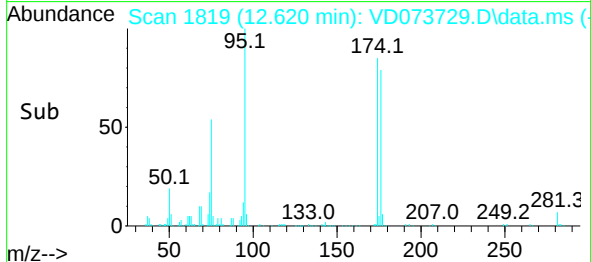
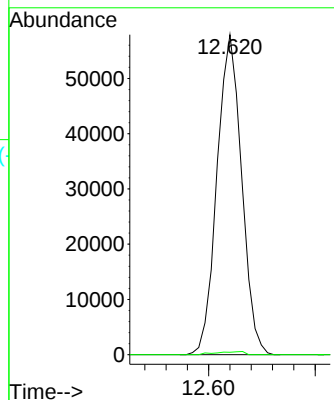
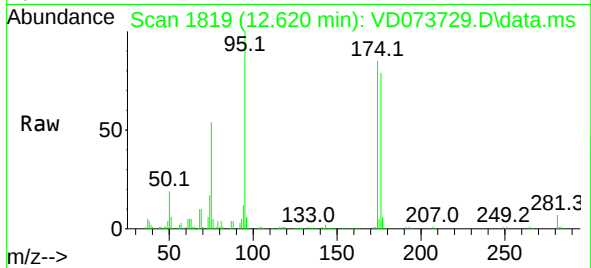




#76
1,2,3-Trichloropropane
Concen: 64.330 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073729.D
Acq: 27 Jun 2022 18:58

Instrument :
MSVOA_D
ClientSampleId :
VD0627SBL01

Tgt Ion: 75 Resp: 92946
Ion Ratio Lower Upper
75 100
77 1.1 195.3 586.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.025 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073729.D
Acq: 27 Jun 2022 18:58

Tgt Ion: 75 Resp: 92946
Ion Ratio Lower Upper
75 100
53 0.0 77.0 115.6#
89 0.1 37.8 56.8#

