

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071222\
 Data File : VD073832.D
 Acq On : 12 Jul 2022 11:20
 Operator : VA/SY
 Sample : VD0712SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0712SBL01

Quant Time: Jul 13 04:30:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 07:04:44 2022
 Response via : Initial Calibration

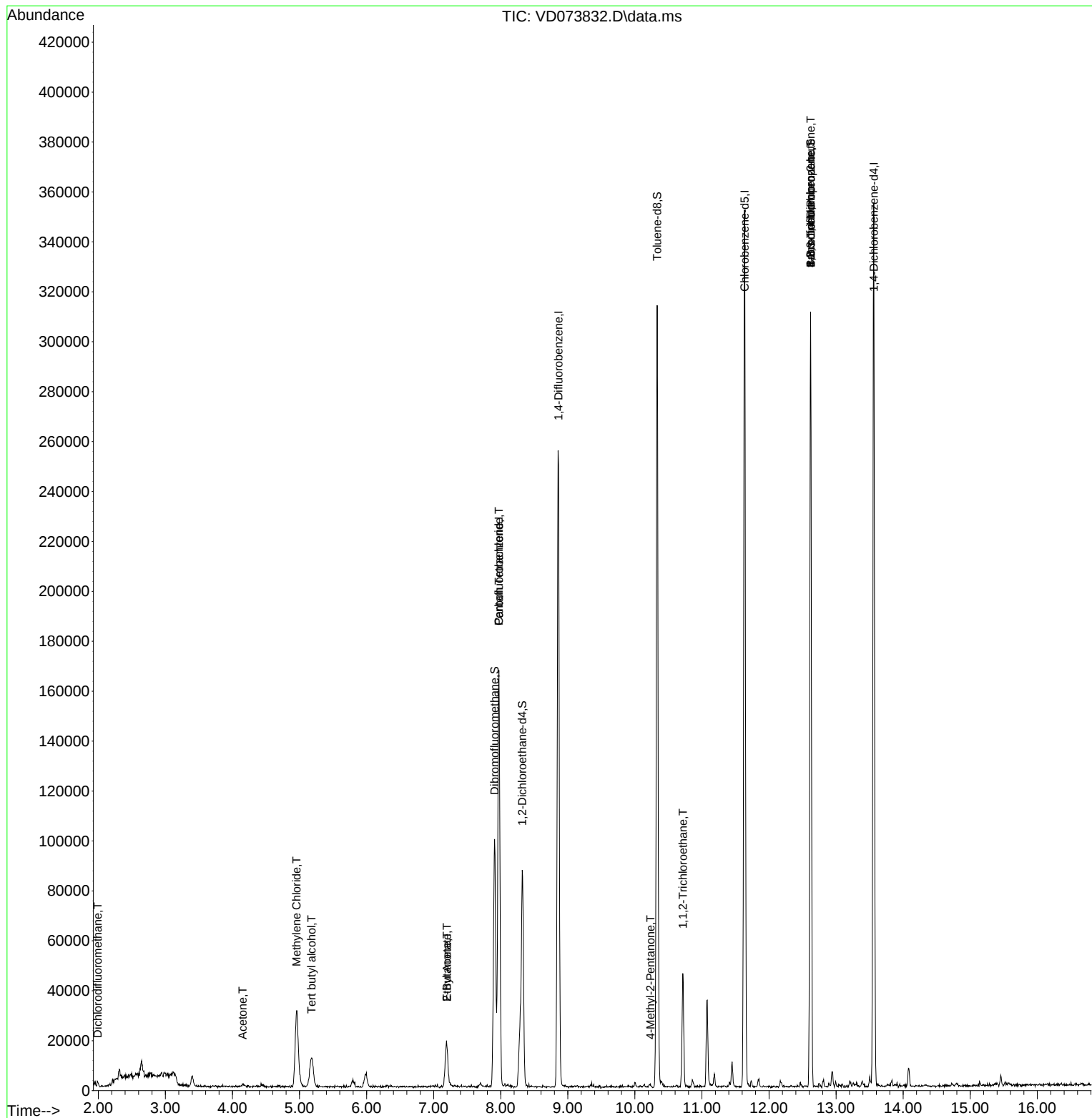
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	106274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	206875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	186400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	78280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	65131	45.755	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.500%
35) Dibromofluoromethane	7.909	113	70016	51.161	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.320%
50) Toluene-d8	10.332	98	198982	41.697	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	83.400%
62) 4-Bromofluorobenzene	12.620	95	95857	47.407	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	94.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	1356	2.250	ug/l	83
3) Chloromethane	2.215	50	670	Below Cal		97
4) Vinyl Chloride	2.350	62	220	Below Cal	#	43
5) Bromomethane	2.756	94	459	Below Cal	#	50
11) Tert butyl alcohol	5.179	59	12554	39.940	ug/l #	100
16) Acetone	4.150	43	857	3.514	ug/l	97
17) Carbon Disulfide	4.426	76	169	Below Cal	#	71
18) Methyl Acetate	4.938	43	828	Below Cal	#	55
20) Methylene Chloride	4.956	84	22085	15.109	ug/l	98
25) 2-Butanone	7.197	43	1517	4.135	ug/l #	49
31) Cyclohexane	7.979	56	4003	Below Cal	#	57
37) Ethyl Acetate	7.197	43	1517	1.790	ug/l #	8
38) Carbon Tetrachloride	7.973	117	13520	8.549	ug/l #	23
51) 4-Methyl-2-Pentanone	10.232	43	926	1.042	ug/l #	65
55) 1,1,2-Trichloroethane	10.714	97	1023	1.024	ug/l #	14
71) Bromoform	12.620	173	899	1.416	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	55755	65.838	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	55755	173.028	ug/l #	10

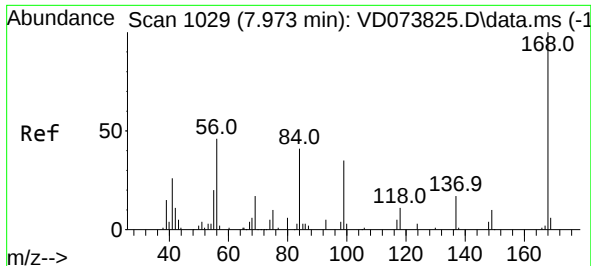
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071222\
Data File : VD073832.D
Acq On : 12 Jul 2022 11:20
Operator : VA/SY
Sample : VD0712SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBL01

Quant Time: Jul 13 04:30:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 12 07:04:44 2022
Response via : Initial Calibration

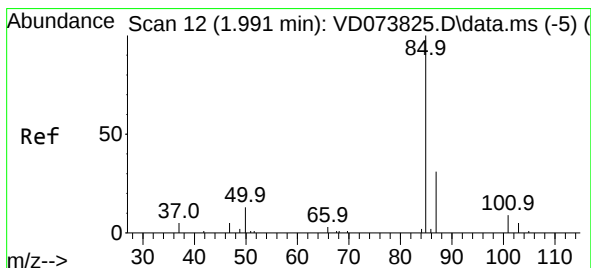
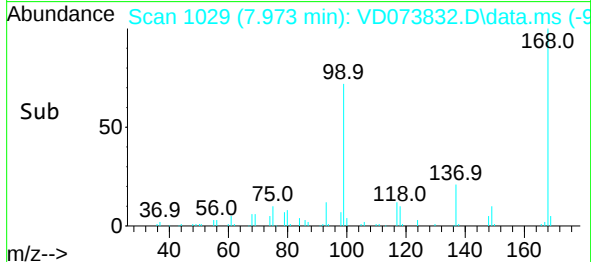
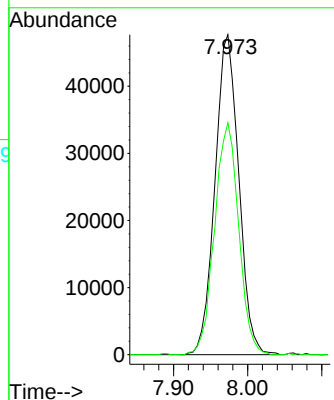
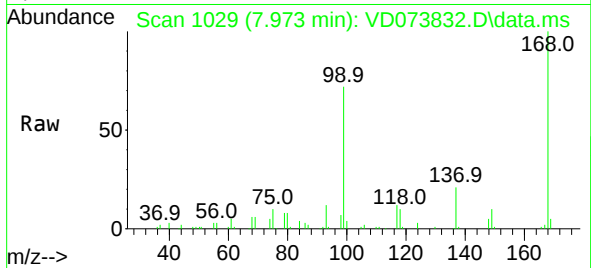




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073832.D
Acq: 12 Jul 2022 11:20

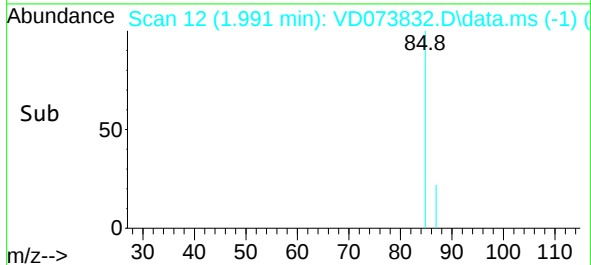
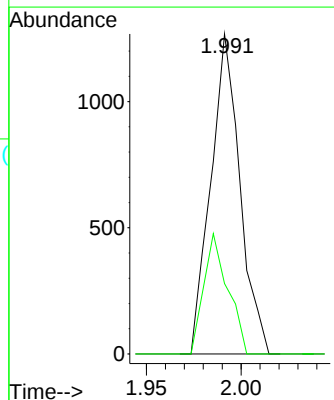
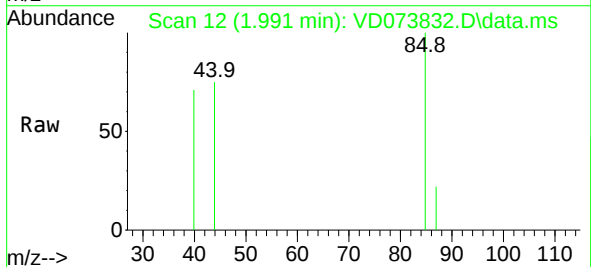
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBL01

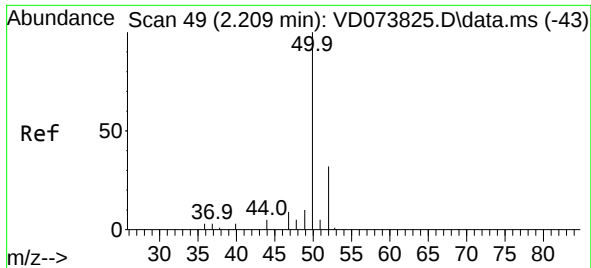
Tgt Ion:168 Resp: 106274
Ion Ratio Lower Upper
168 100
99 72.5 53.8 80.6



#2
Dichlorodifluoromethane
Concen: 2.250 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073832.D
Acq: 12 Jul 2022 11:20

Tgt Ion: 85 Resp: 1356
Ion Ratio Lower Upper
85 100
87 22.0 15.6 46.7

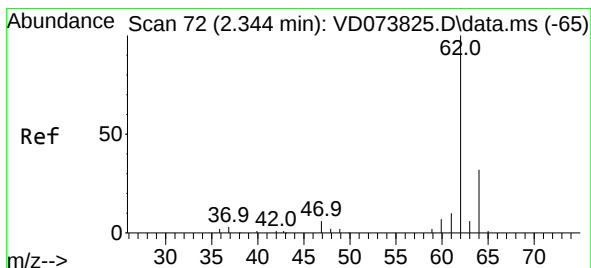
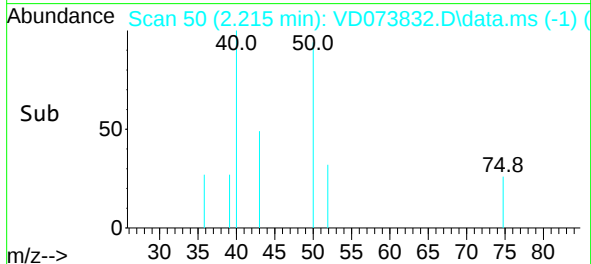
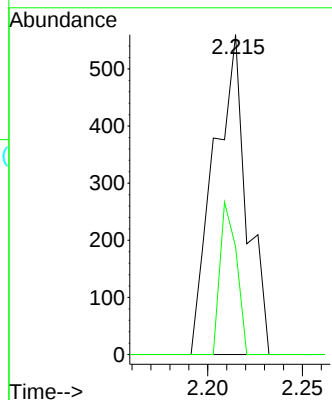
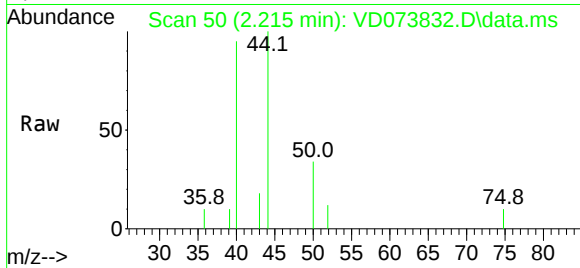




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD073832.D
Acq: 12 Jul 2022 11:20

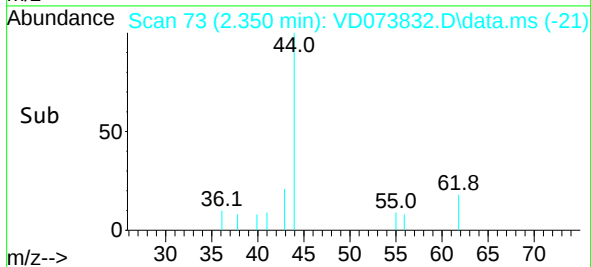
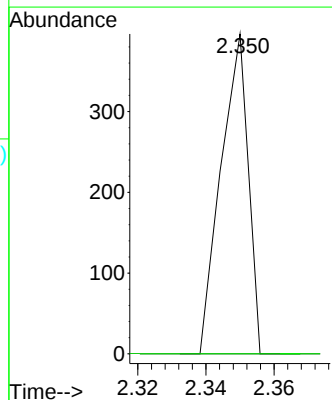
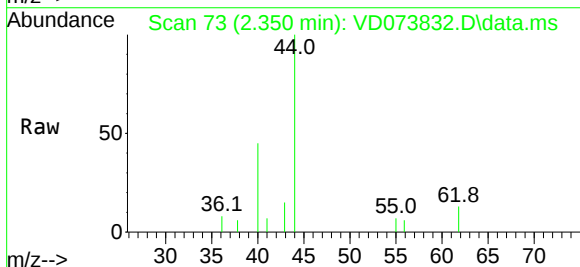
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBL01

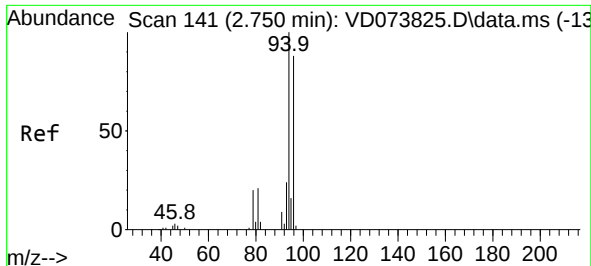
Tgt Ion: 50 Resp: 670
Ion Ratio Lower Upper
50 100
52 33.8 25.5 38.3



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.350 min Scan# 73
Delta R.T. 0.006 min
Lab File: VD073832.D
Acq: 12 Jul 2022 11:20

Tgt Ion: 62 Resp: 220
Ion Ratio Lower Upper
62 100
64 0.0 25.4 38.0#





#5

Bromomethane

Concen: Below Cal

RT: 2.756 min Scan# 141

Delta R.T. 0.006 min

Lab File: VD073832.D

Acq: 12 Jul 2022 11:20

Instrument :

MSVOA_D

ClientSampleId :

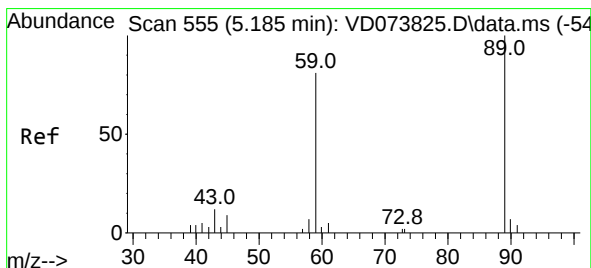
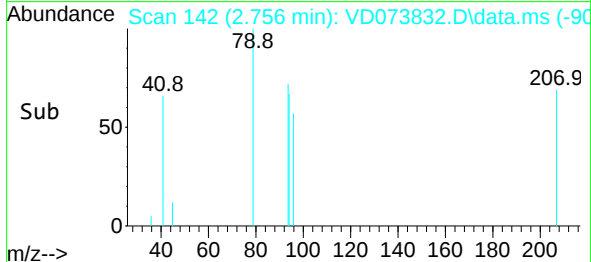
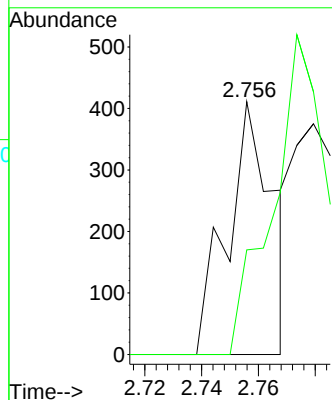
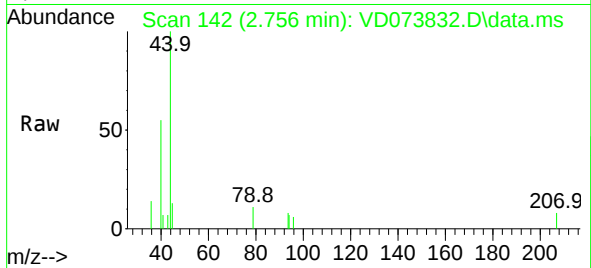
VD0712SBL01

Tgt Ion: 94 Resp: 459

Ion Ratio Lower Upper

94 100

96 41.4 70.3 105.5#



#11

Tert butyl alcohol

Concen: 39.940 ug/l

RT: 5.179 min Scan# 554

Delta R.T. -0.006 min

Lab File: VD073832.D

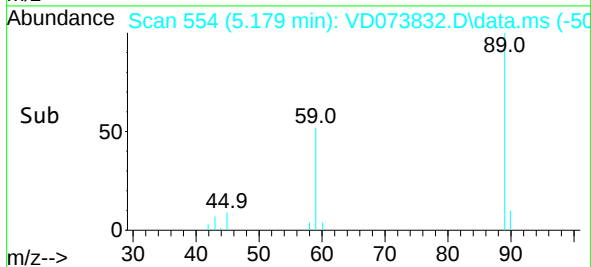
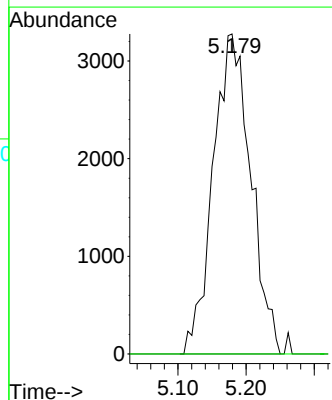
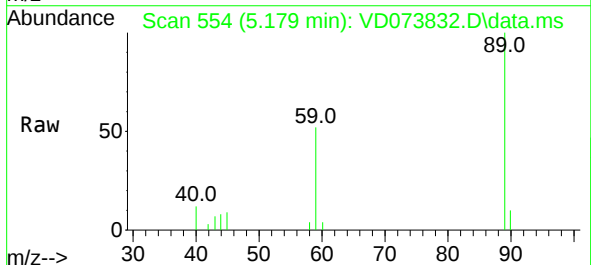
Acq: 12 Jul 2022 11:20

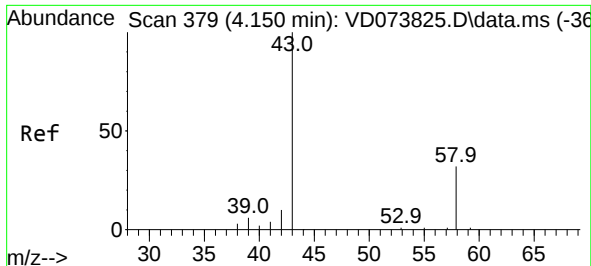
Tgt Ion: 59 Resp: 12554

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0

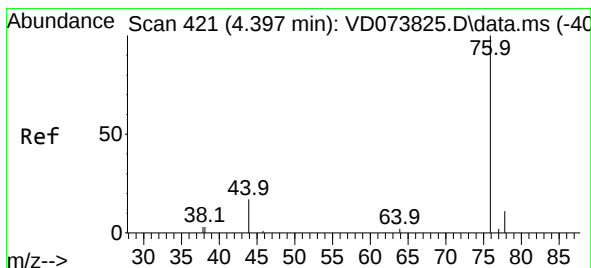
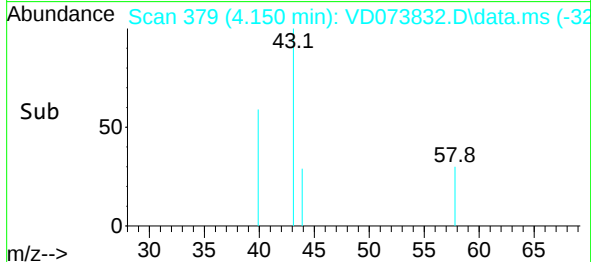
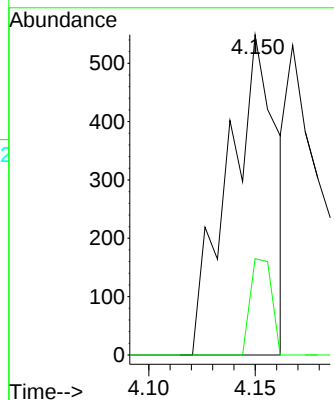
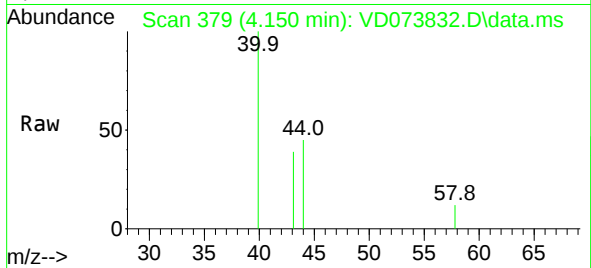




#16
Acetone
Concen: 3.514 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD073832.D
Acq: 12 Jul 2022 11:20

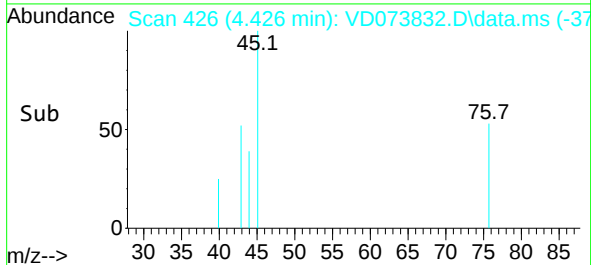
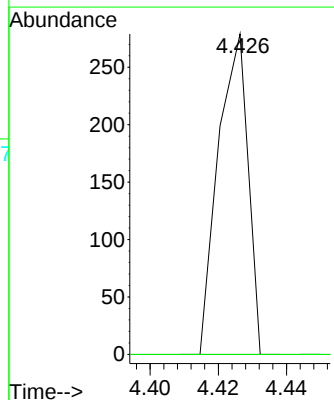
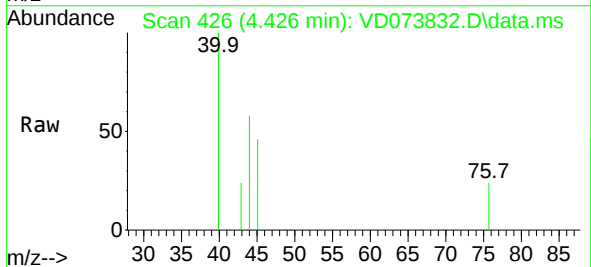
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBL01

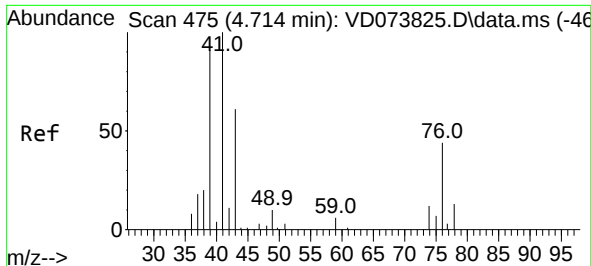
Tgt Ion: 43 Resp: 857
Ion Ratio Lower Upper
43 100
58 30.1 25.2 37.8



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.426 min Scan# 426
Delta R.T. 0.029 min
Lab File: VD073832.D
Acq: 12 Jul 2022 11:20

Tgt Ion: 76 Resp: 169
Ion Ratio Lower Upper
76 100
78 0.0 8.7 13.1#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.938 min Scan# 513

Delta R.T. 0.224 min

Lab File: VD073832.D

Acq: 12 Jul 2022 11:20

Instrument :

MSVOA_D

ClientSampleId :

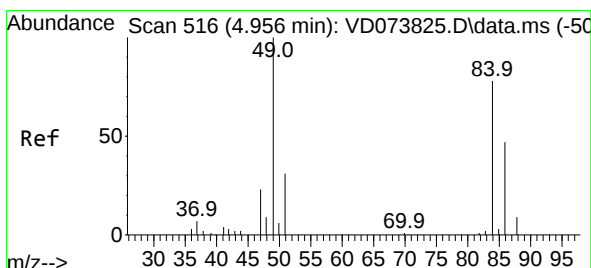
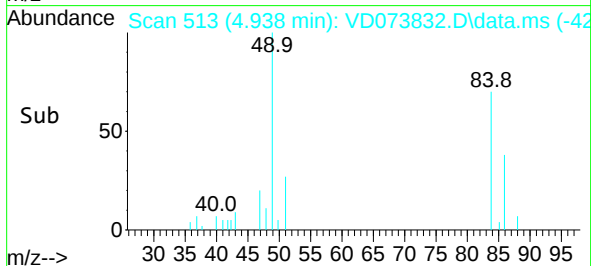
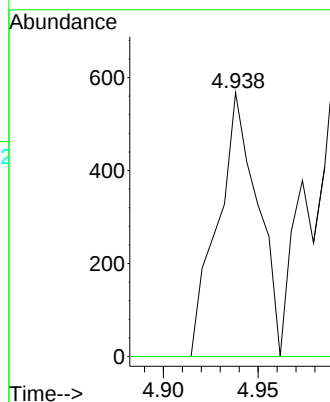
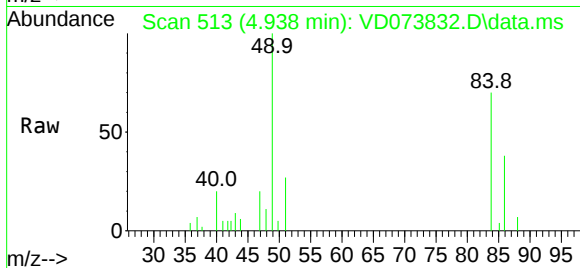
VD0712SBL01

Tgt Ion: 43 Resp: 828

Ion Ratio Lower Upper

43 100

74 0.0 17.0 25.4#



#20

Methylene Chloride

Concen: 15.109 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.000 min

Lab File: VD073832.D

Acq: 12 Jul 2022 11:20

Tgt Ion: 84 Resp: 22085

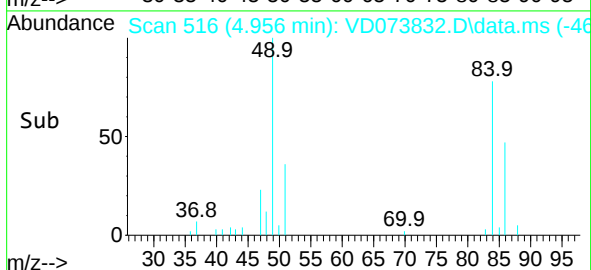
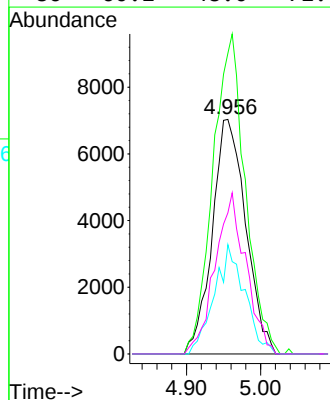
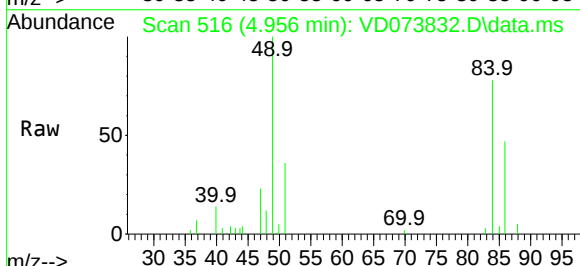
Ion Ratio Lower Upper

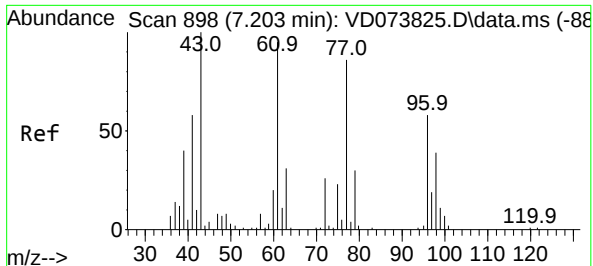
84 100

49 128.2 102.5 153.7

51 46.6 31.4 47.0

86 60.2 48.0 72.0

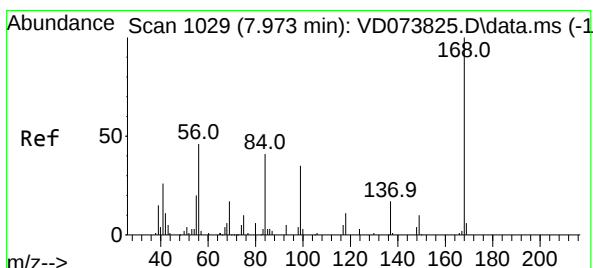
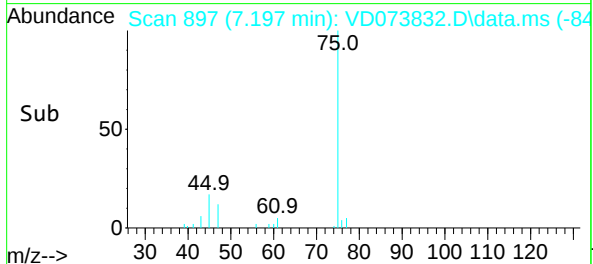
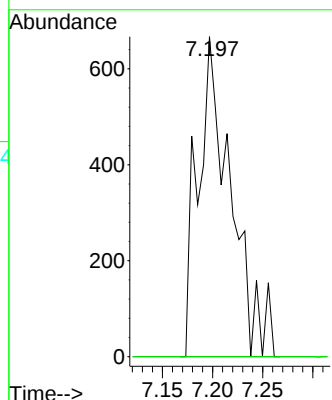
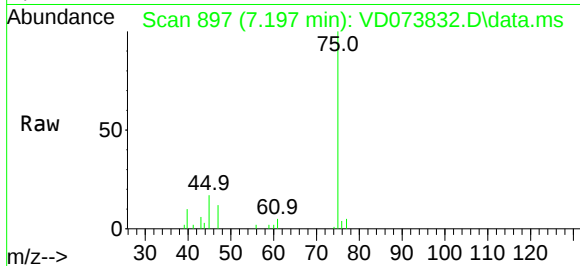




#25
2-Butanone
Concen: 4.135 ug/l
RT: 7.197 min Scan# 89
Delta R.T. -0.006 min
Lab File: VD073832.D
Acq: 12 Jul 2022 11:20

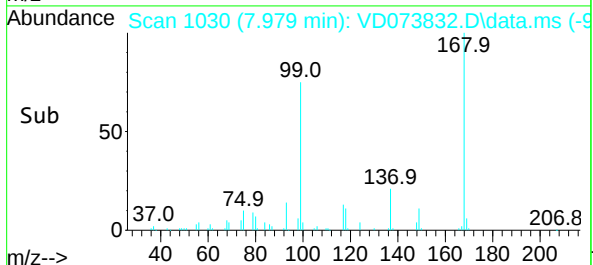
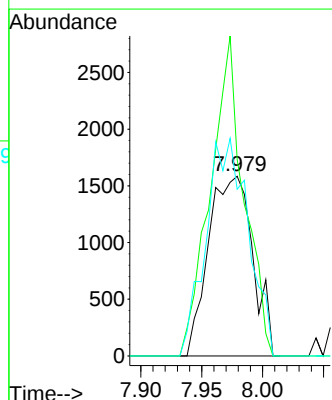
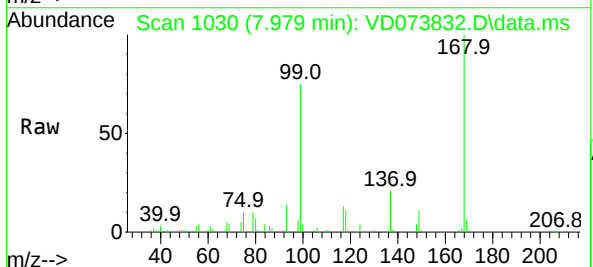
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBL01

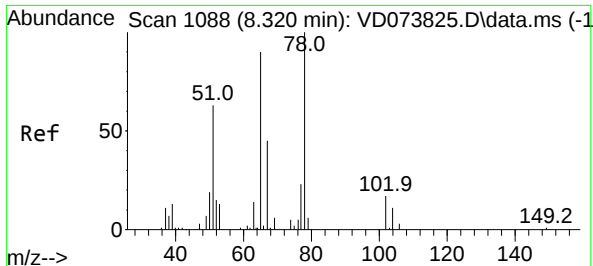
Tgt Ion: 43 Resp: 1517
Ion Ratio Lower Upper
43 100
72 0.0 20.9 31.3#



#31
Cyclohexane
Concen: Below Cal
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD073832.D
Acq: 12 Jul 2022 11:20

Tgt Ion: 56 Resp: 4003
Ion Ratio Lower Upper
56 100
69 109.5 29.1 43.7#
84 92.8 68.2 102.2





#33

1,2-Dichloroethane-d4

Concen: 45.755 ug/l

RT: 8.320 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073832.D

Acq: 12 Jul 2022 11:20

Instrument :

MSVOA_D

ClientSampleId :

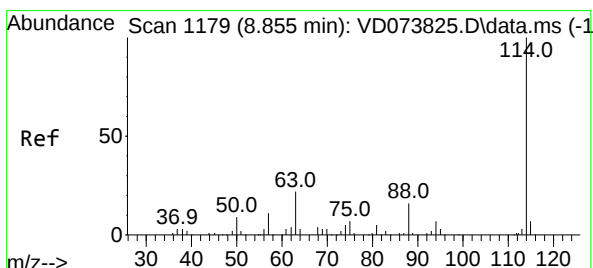
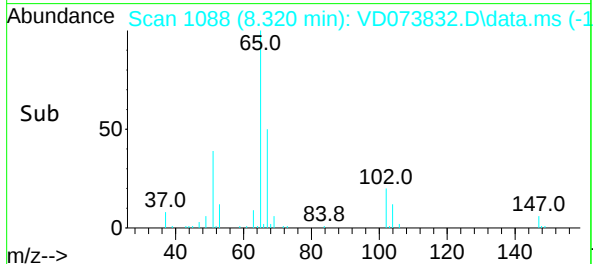
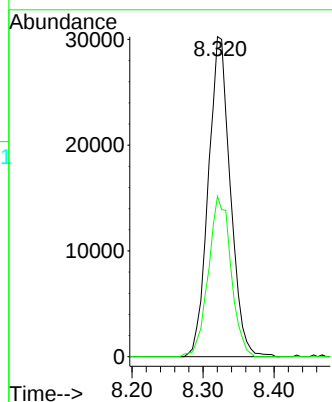
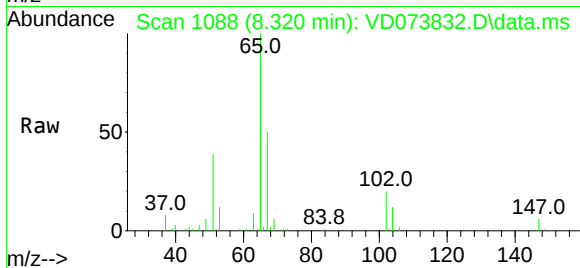
VD0712SBL01

Tgt Ion: 65 Resp: 65131

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073832.D

Acq: 12 Jul 2022 11:20

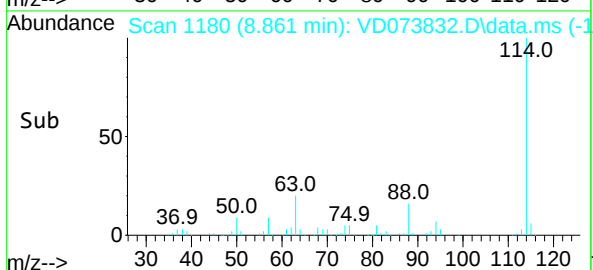
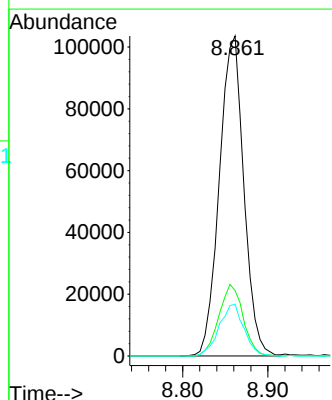
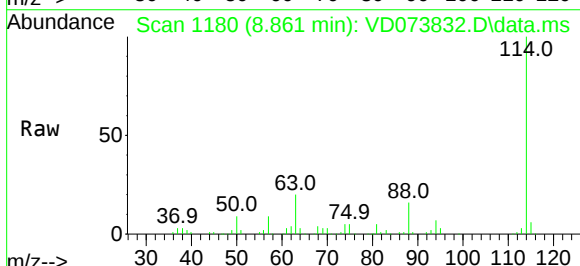
Tgt Ion: 114 Resp: 206875

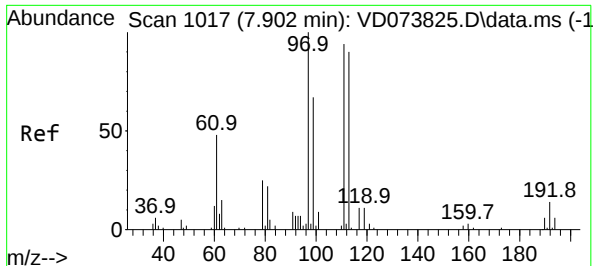
Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.0

88 16.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.161 ug/l

RT: 7.909 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VD073832.D

Acq: 12 Jul 2022 11:20

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBL01

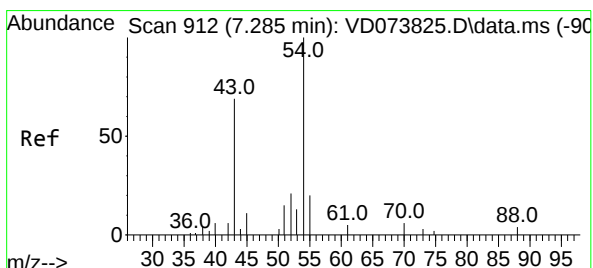
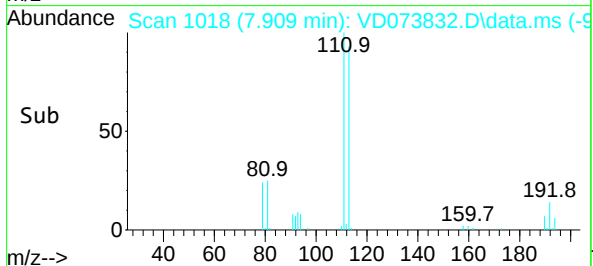
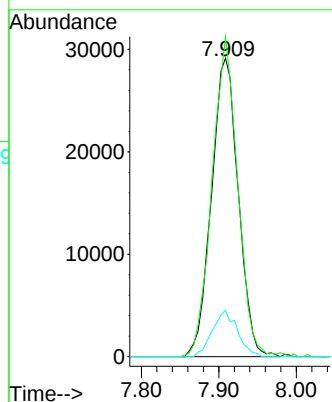
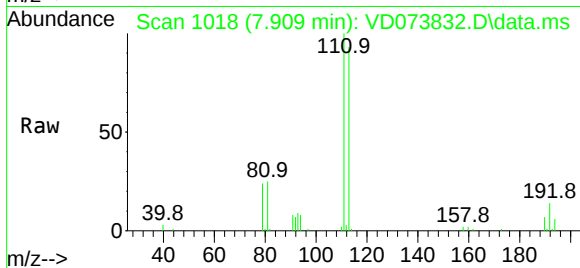
Tgt Ion:113 Resp: 70016

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 14.5 12.3 18.5



#37

Ethyl Acetate

Concen: 1.790 ug/l

RT: 7.197 min Scan# 897

Delta R.T. -0.088 min

Lab File: VD073832.D

Acq: 12 Jul 2022 11:20

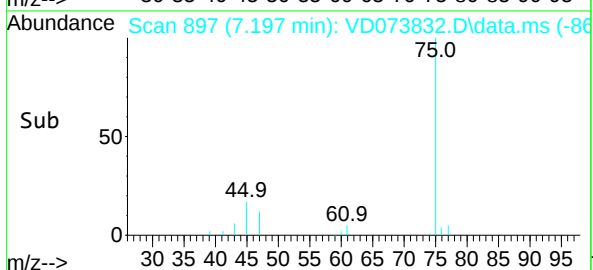
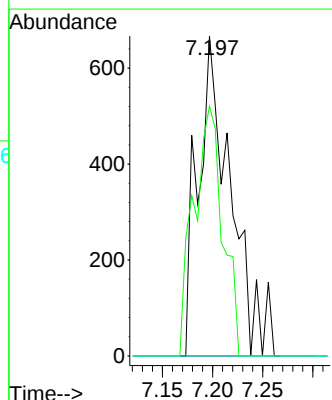
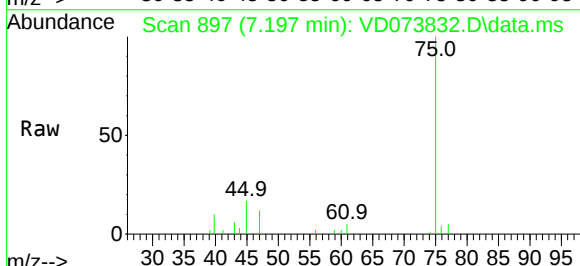
Tgt Ion: 43 Resp: 1517

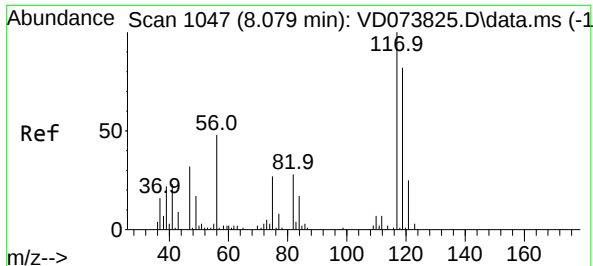
Ion Ratio Lower Upper

43 100

61 68.9 10.8 16.2#

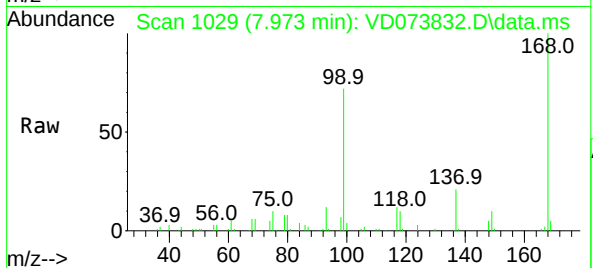
70 0.0 7.5 11.3#



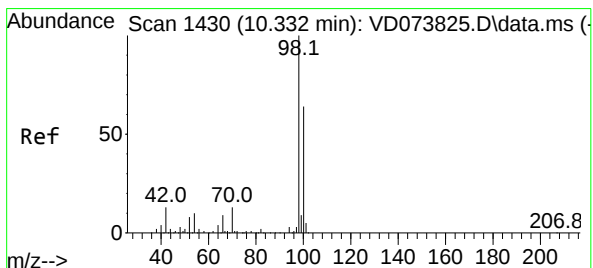
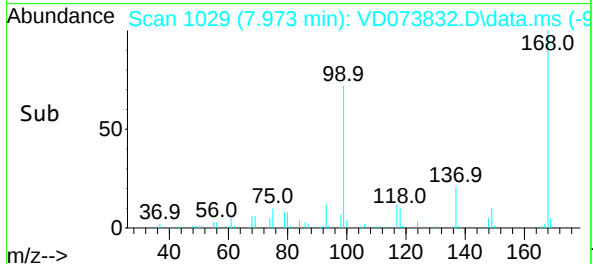
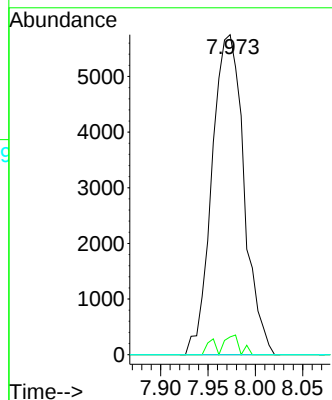


#38
Carbon Tetrachloride
Concen: 8.549 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.106 min
Lab File: VD073832.D
Acq: 12 Jul 2022 11:20

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBL01

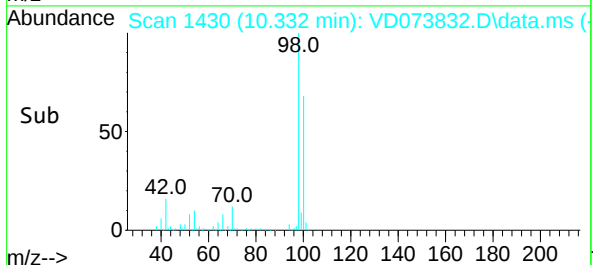
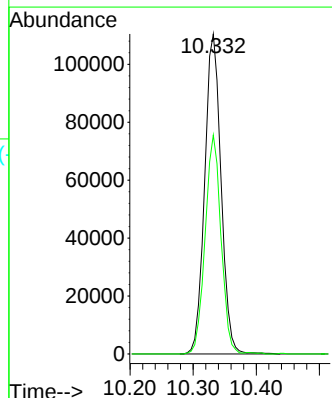
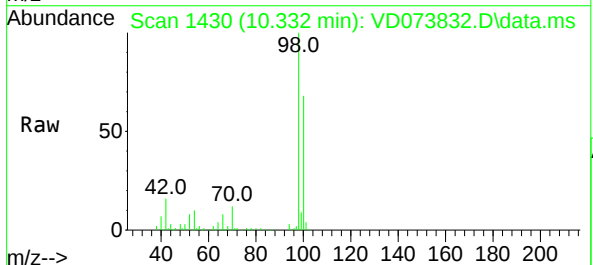


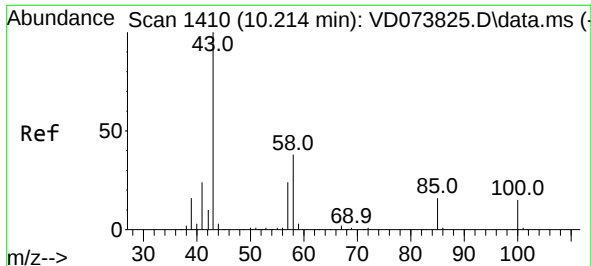
Tgt Ion:117 Resp: 13520
Ion Ratio Lower Upper
117 100
119 5.5 65.6 98.4#
121 0.0 20.1 30.1#



#50
Toluene-d8
Concen: 41.697 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073832.D
Acq: 12 Jul 2022 11:20

Tgt Ion: 98 Resp: 198982
Ion Ratio Lower Upper
98 100
100 66.2 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 1.042 ug/l

RT: 10.232 min Scan# 1413

Delta R.T. 0.018 min

Lab File: VD073832.D

Acq: 12 Jul 2022 11:20

Instrument :

MSVOA_D

ClientSampleId :

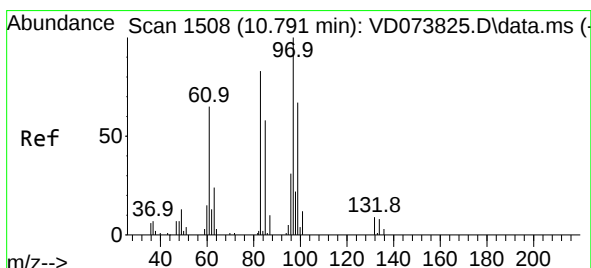
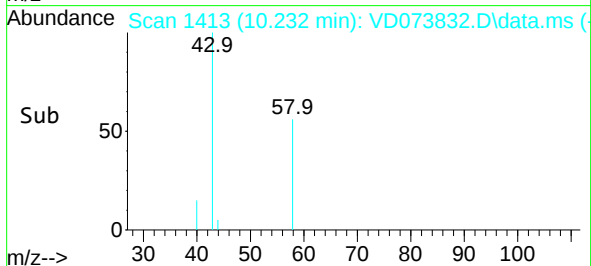
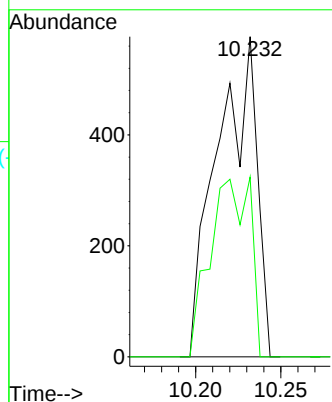
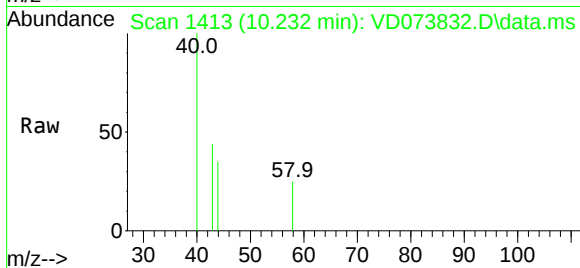
VD0712SBL01

Tgt Ion: 43 Resp: 926

Ion Ratio Lower Upper

43 100

58 57.1 29.3 43.9#



#55

1,1,2-Trichloroethane

Concen: 1.024 ug/l

RT: 10.714 min Scan# 1495

Delta R.T. -0.076 min

Lab File: VD073832.D

Acq: 12 Jul 2022 11:20

Tgt Ion: 97 Resp: 1023

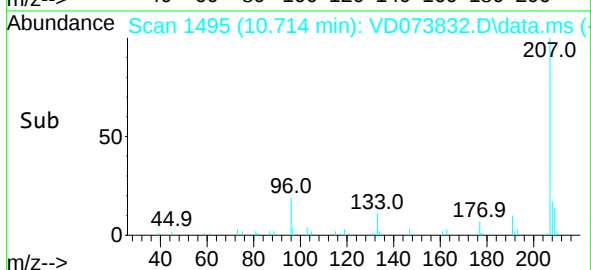
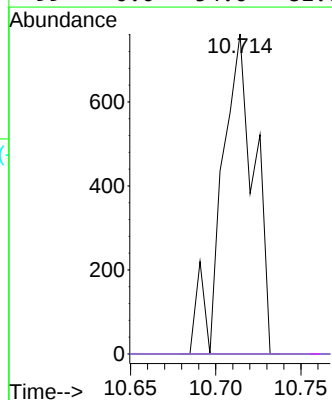
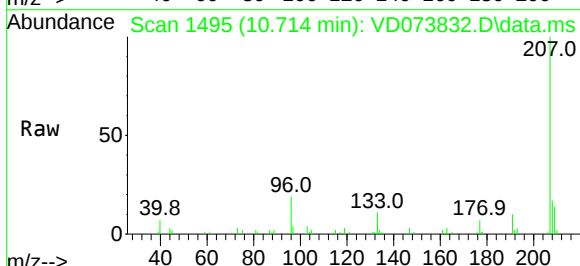
Ion Ratio Lower Upper

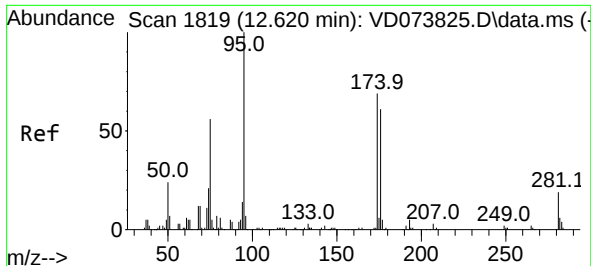
97 100

83 0.0 66.8 100.2#

85 0.0 46.6 69.8#

99 0.0 54.0 81.0#

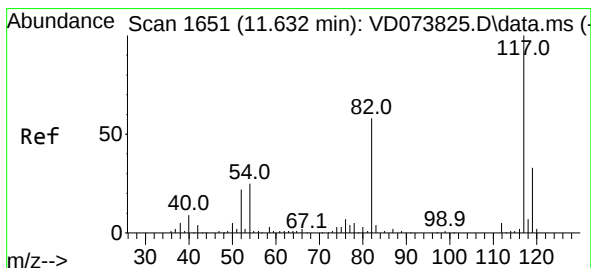
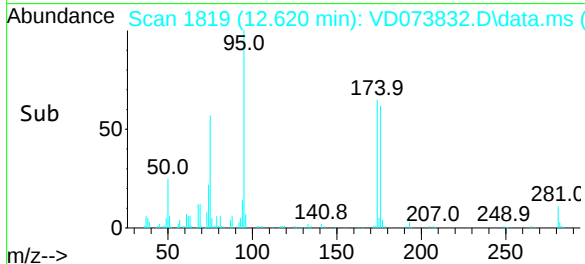
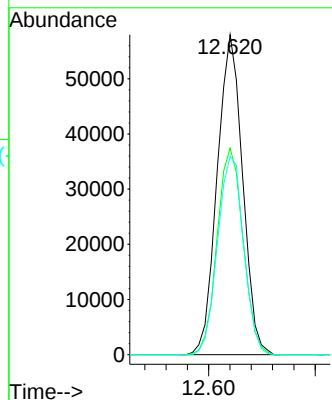
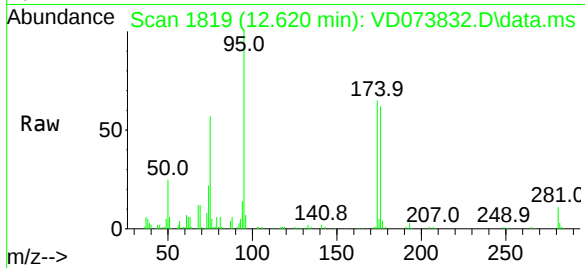




#62
4-Bromofluorobenzene
Concen: 47.407 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073832.D
Acq: 12 Jul 2022 11:20

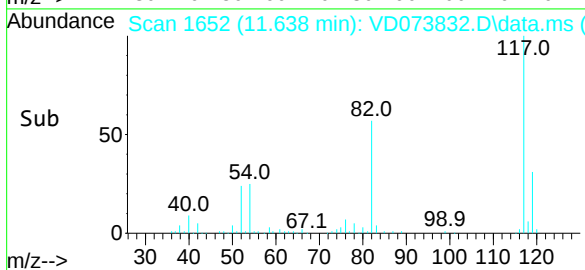
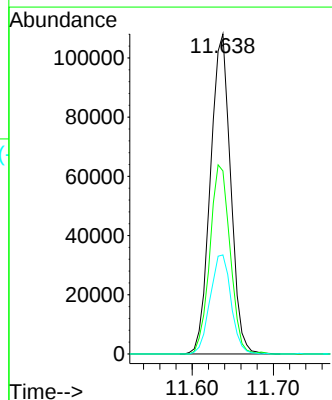
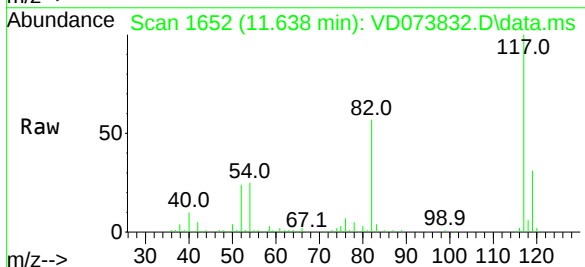
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBL01

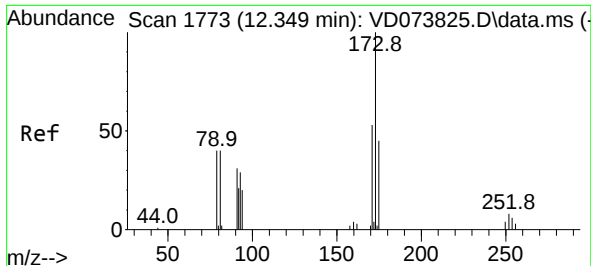
Tgt Ion: 95 Resp: 95857
Ion Ratio Lower Upper
95 100
174 65.8 0.0 131.8
176 63.5 0.0 124.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073832.D
Acq: 12 Jul 2022 11:20

Tgt Ion: 117 Resp: 186400
Ion Ratio Lower Upper
117 100
82 57.2 46.6 69.8
119 31.0 26.1 39.1

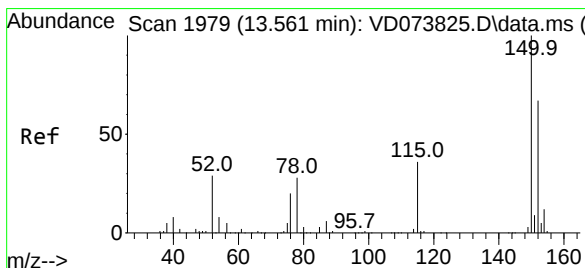
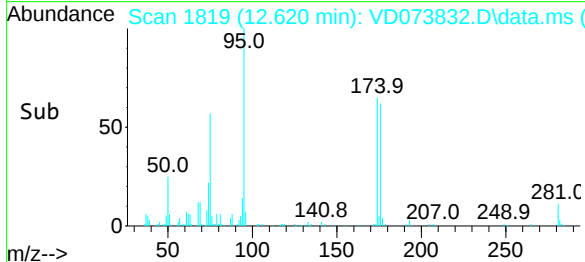
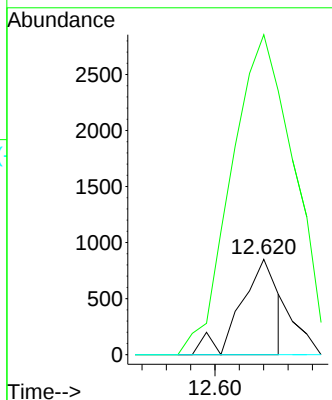
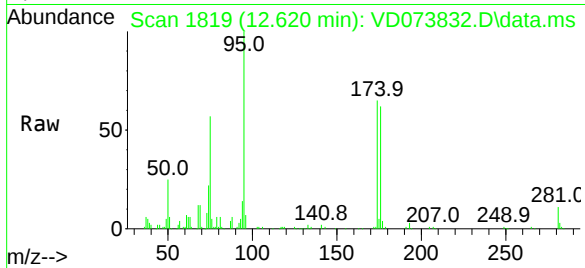




#71
Bromoform
Concen: 1.416 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.271 min
Lab File: VD073832.D
Acq: 12 Jul 2022 11:20

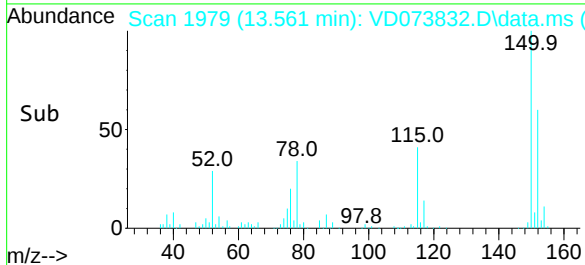
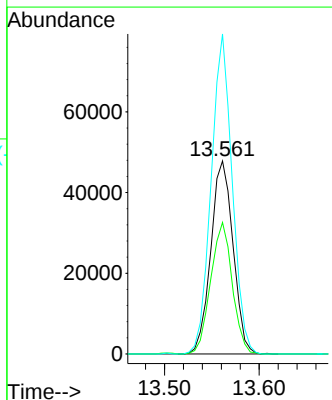
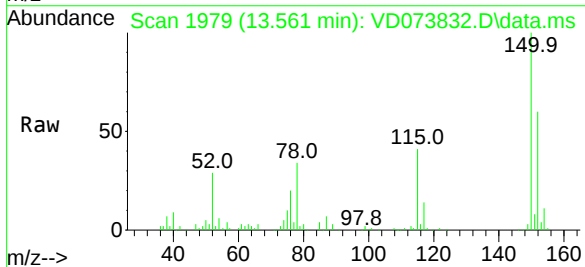
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBL01

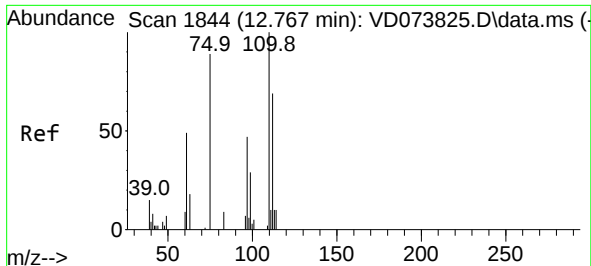
Tgt Ion:173 Resp: 899
Ion Ratio Lower Upper
173 100
175 437.6 23.4 70.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073832.D
Acq: 12 Jul 2022 11:20

Tgt Ion:152 Resp: 78280
Ion Ratio Lower Upper
152 100
115 65.9 33.5 100.5
150 156.3 0.0 343.2

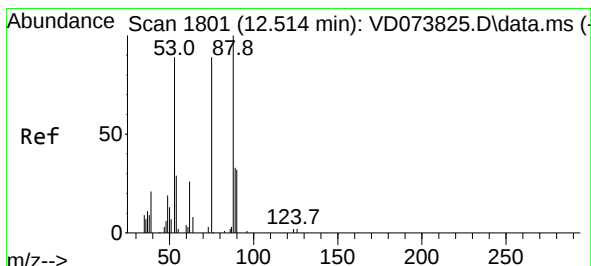
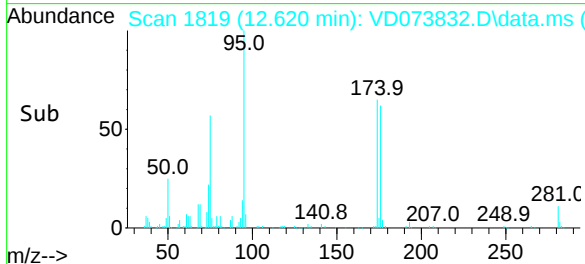
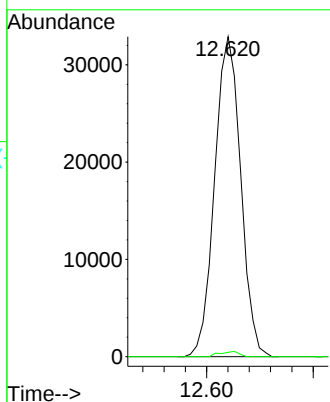
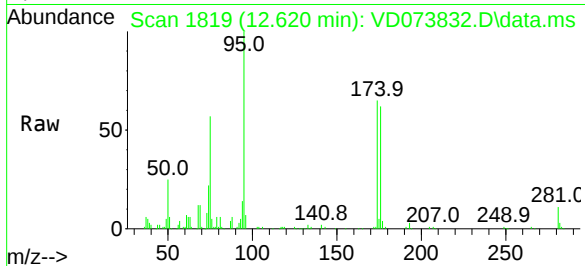




#76
1,2,3-Trichloropropane
Concen: 65.838 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073832.D
Acq: 12 Jul 2022 11:20

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBL01

Tgt Ion: 75 Resp: 55755
Ion Ratio Lower Upper
75 100
77 1.2 138.0 414.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 173.028 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073832.D
Acq: 12 Jul 2022 11:20

Tgt Ion: 75 Resp: 55755
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.0 34.8 52.2#

