

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080822\
 Data File : VD073974.D
 Acq On : 08 Aug 2022 15:46
 Operator : VA/SY
 Sample : VD0805SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0808SBL01

Quant Time: Aug 08 18:18:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 06 00:36:42 2022
 Response via : Initial Calibration

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

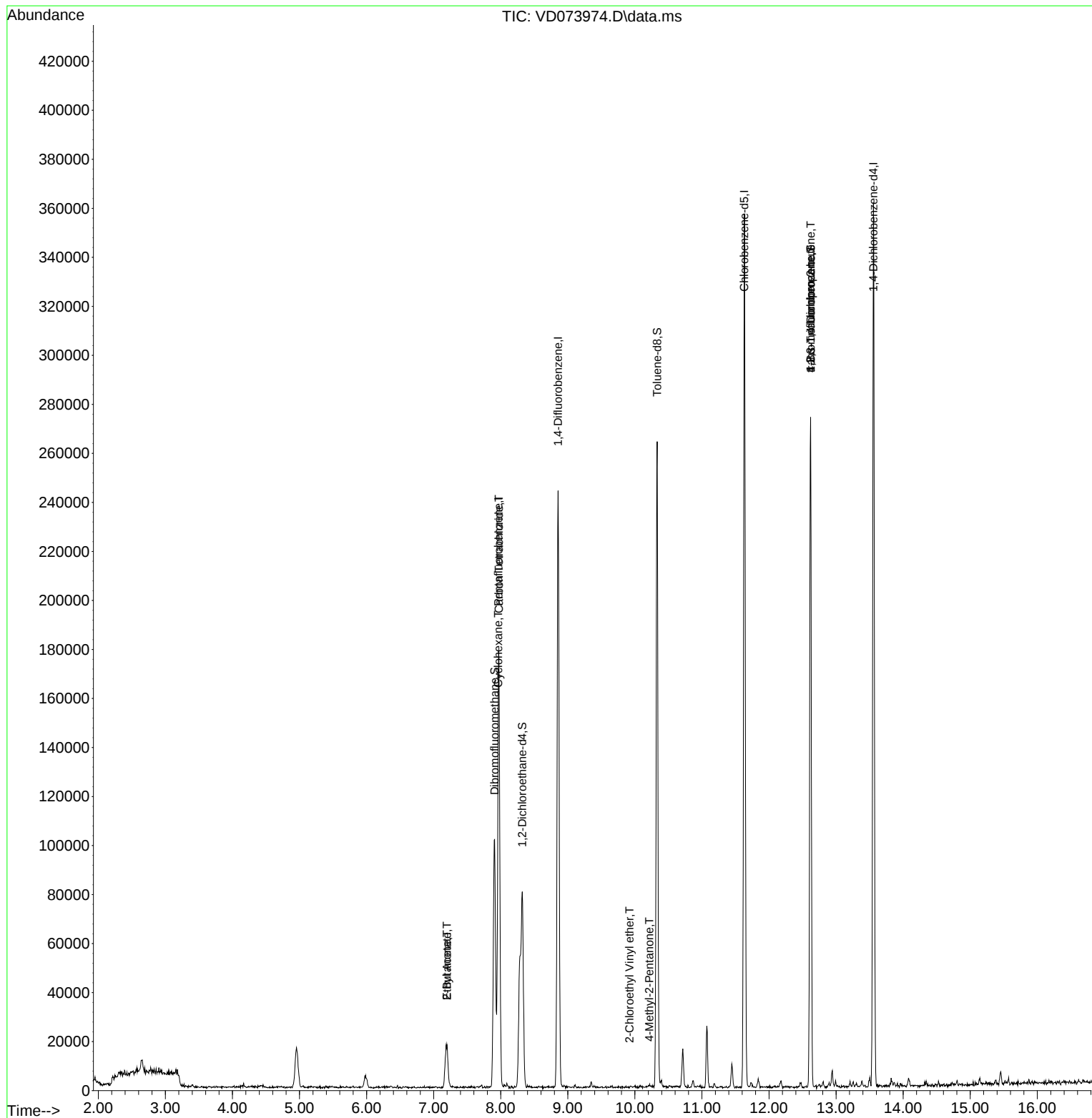
Internal Standards						
1) Pentafluorobenzene	7.967	168	125473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	214760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	200013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	94980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	58739	62.532	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.060%	
35) Dibromofluoromethane	7.909	113	72361	54.691	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.380%	
50) Toluene-d8	10.332	98	174018	47.583	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.160%	
62) 4-Bromofluorobenzene	12.620	95	86408	49.003	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.997	85	721	Below Cal		86
11) Tert butyl alcohol	5.226	59	70	Below Cal	#	86
16) Acetone	4.150	43	626	Below Cal		97
18) Methyl Acetate	4.726	43	108	Below Cal	#	47
20) Methylene Chloride	4.956	84	13968	Below Cal		85
25) 2-Butanone	7.197	43	1632	5.080	ug/l #	46
31) Cyclohexane	7.962	56	3290	1.540	ug/l #	60
37) Ethyl Acetate	7.197	43	1632	2.101	ug/l #	1
38) Carbon Tetrachloride	7.973	117	13576	5.836	ug/l #	16
51) 4-Methyl-2-Pentanone	10.214	43	772	1.022	ug/l #	81
58) 2-Chloroethyl Vinyl ether	9.920	63	55	17.150	ug/l #	43
76) 1,2,3-Trichloropropane	12.620	75	46788	53.458	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	46788	134.211	ug/l #	11

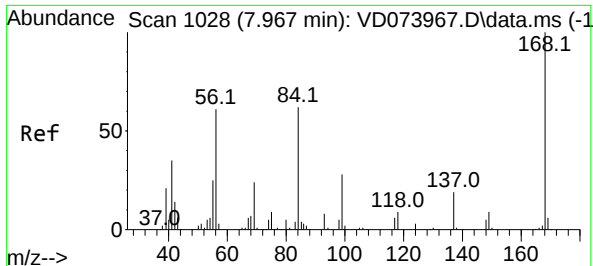
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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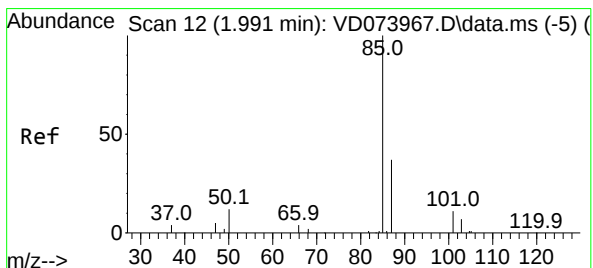
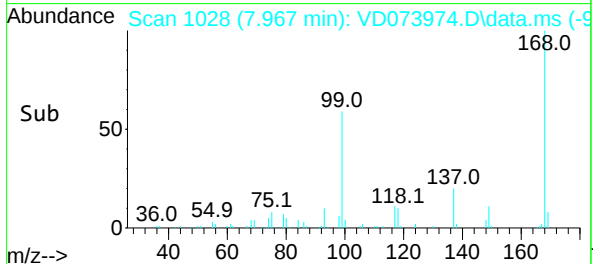
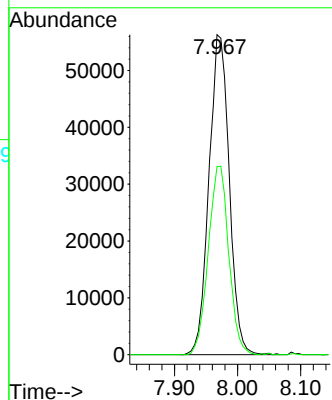
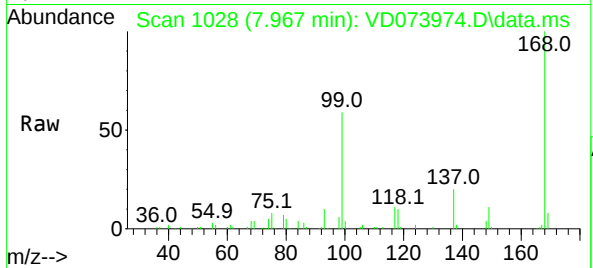




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073974.D
Acq: 08 Aug 2022 15:46

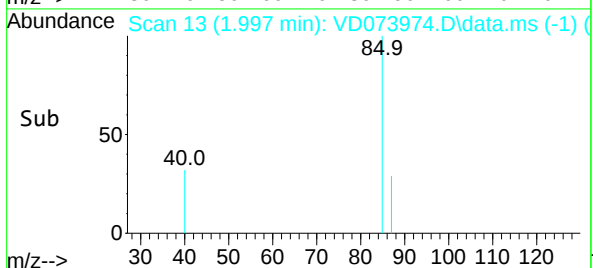
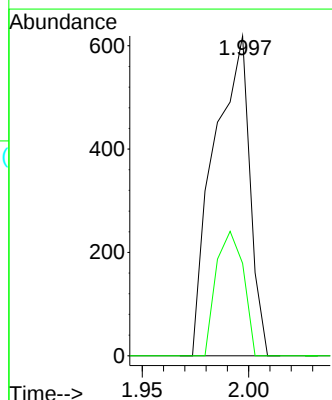
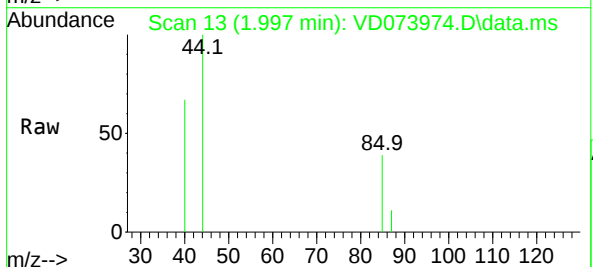
Instrument :
MSVOA_D
ClientSampleId :
VD0808SBL01

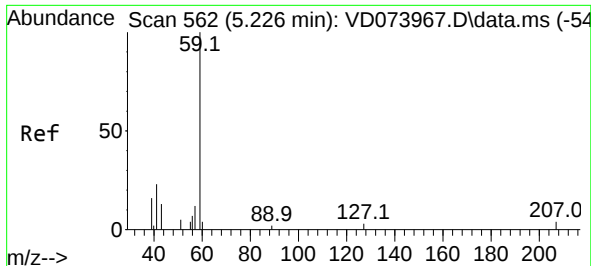
Tgt Ion:168 Resp: 125473
Ion Ratio Lower Upper
168 100
99 58.8 46.2 69.4



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.997 min Scan# 13
Delta R.T. 0.006 min
Lab File: VD073974.D
Acq: 08 Aug 2022 15:46

Tgt Ion: 85 Resp: 721
Ion Ratio Lower Upper
85 100
87 28.9 18.7 56.1

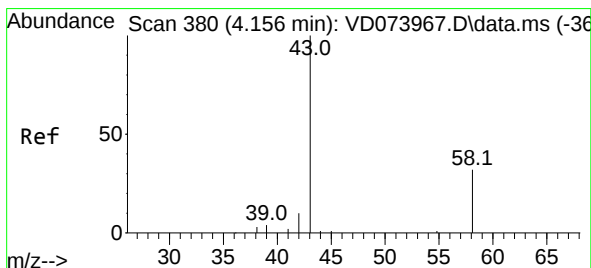
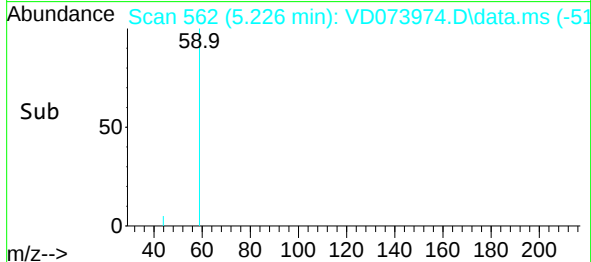
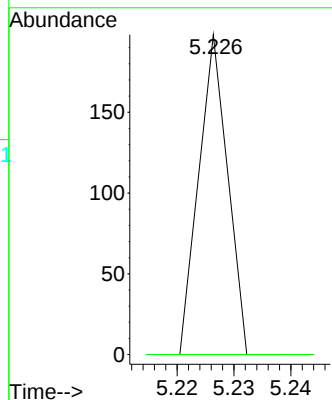
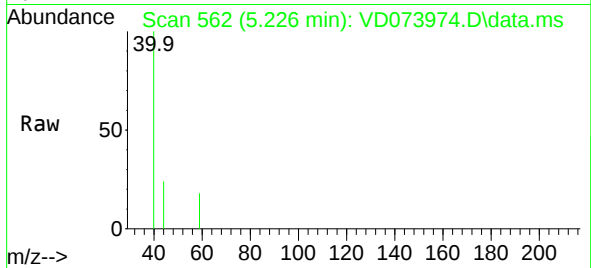




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 50
Delta R.T. 0.000 min
Lab File: VD073974.D
Acq: 08 Aug 2022 15:46

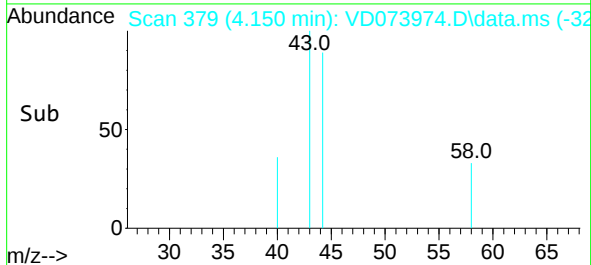
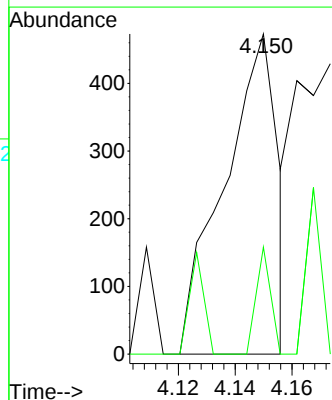
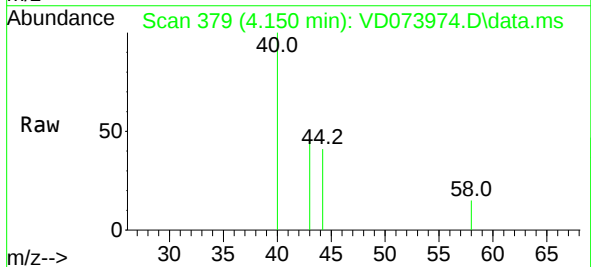
Instrument :
MSVOA_D
ClientSampleId :
VD0808SBL01

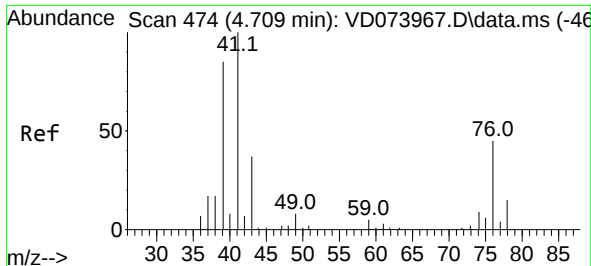
Tgt Ion: 59 Resp: 70
Ion Ratio Lower Upper
59 100
57 0.0 3.8 5.6#



#16
Acetone
Concen: Below Cal
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073974.D
Acq: 08 Aug 2022 15:46

Tgt Ion: 43 Resp: 626
Ion Ratio Lower Upper
43 100
58 33.4 25.4 38.0





#18

Methyl Acetate

Concen: Below Cal

RT: 4.726 min Scan# 41

Delta R.T. 0.017 min

Lab File: VD073974.D

Acq: 08 Aug 2022 15:46

Instrument :

MSVOA_D

ClientSampleId :

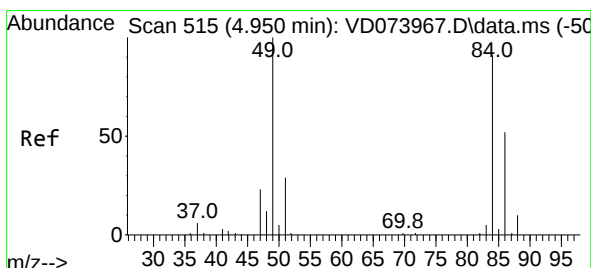
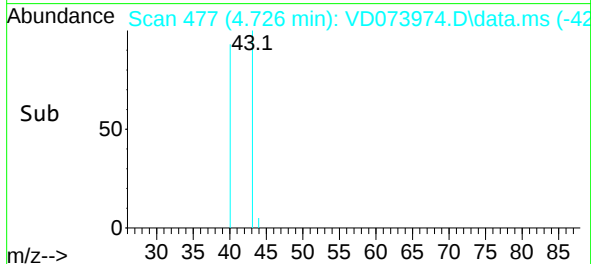
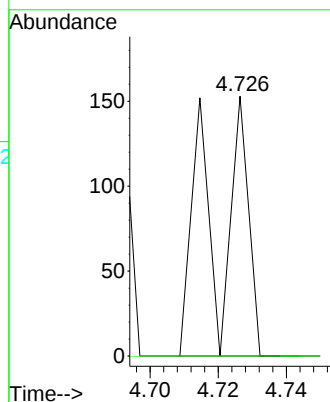
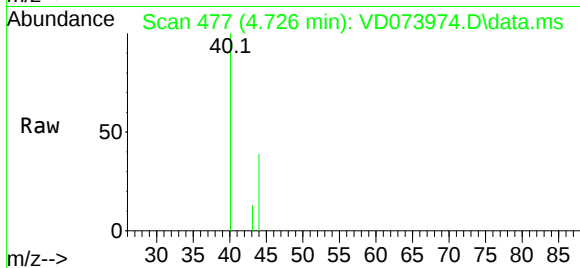
VD0808SBL01

Tgt Ion: 43 Resp: 108

Ion Ratio Lower Upper

43 100

74 0.0 22.1 33.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.956 min Scan# 516

Delta R.T. 0.006 min

Lab File: VD073974.D

Acq: 08 Aug 2022 15:46

Tgt Ion: 84 Resp: 13968

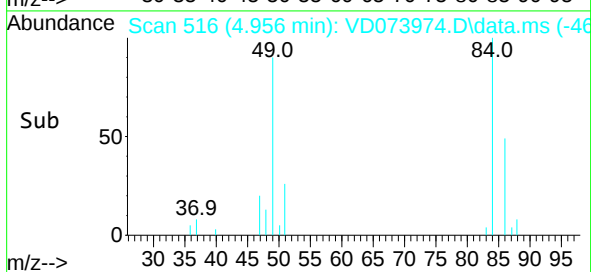
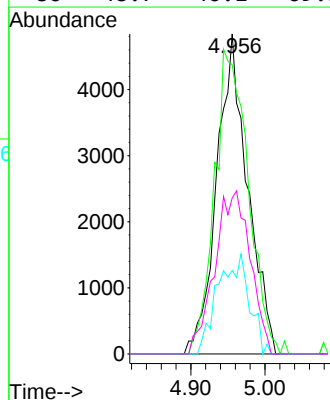
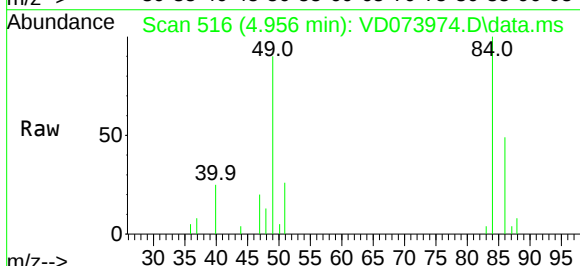
Ion Ratio Lower Upper

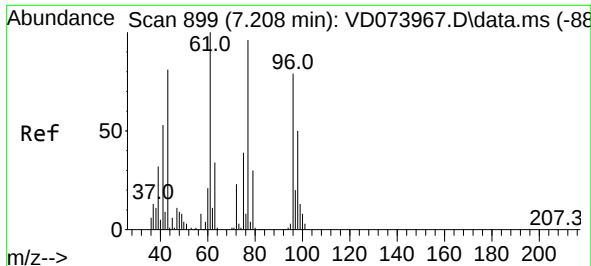
84 100

49 90.4 87.9 131.9

51 26.1 25.7 38.5

86 48.7 46.1 69.1





#25

2-Butanone

Concen: 5.080 ug/l

RT: 7.197 min Scan# 89

Delta R.T. -0.012 min

Lab File: VD073974.D

Acq: 08 Aug 2022 15:46

Instrument :

MSVOA_D

ClientSampleId :

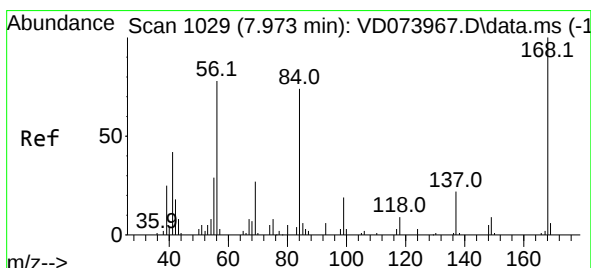
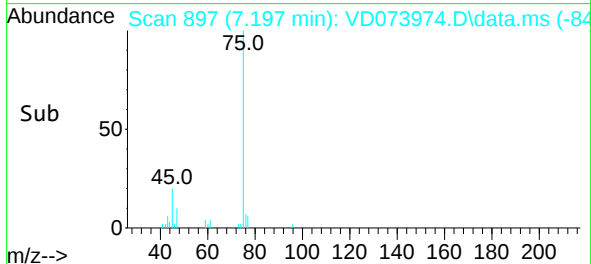
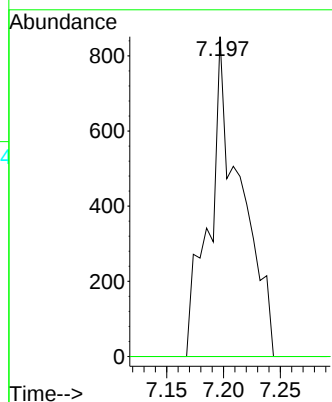
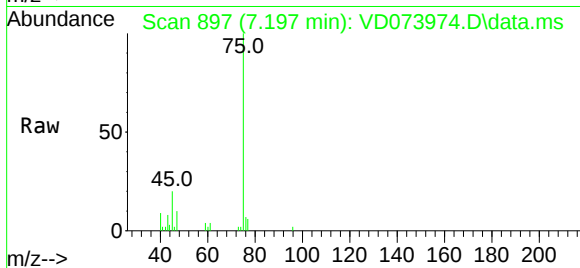
VD0808SBL01

Tgt Ion: 43 Resp: 1632

Ion Ratio Lower Upper

43 100

72 0.0 22.8 34.2#



#31

Cyclohexane

Concen: 1.540 ug/l

RT: 7.962 min Scan# 1027

Delta R.T. -0.012 min

Lab File: VD073974.D

Acq: 08 Aug 2022 15:46

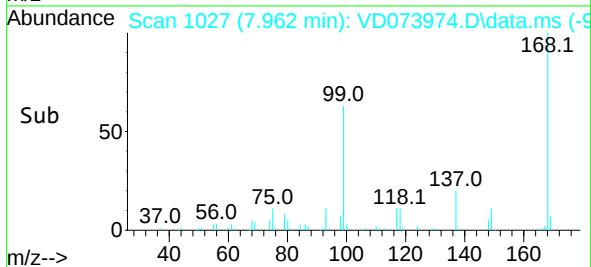
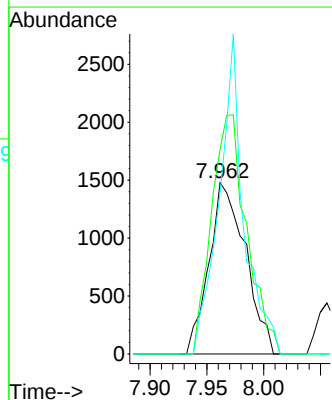
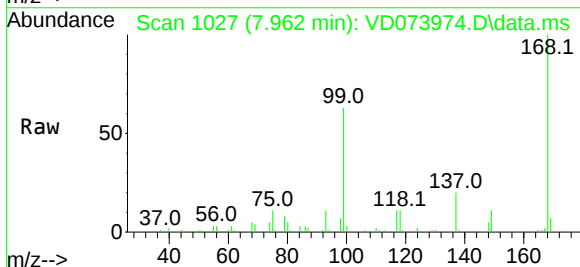
Tgt Ion: 56 Resp: 3290

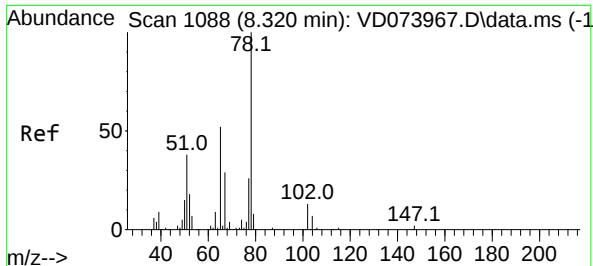
Ion Ratio Lower Upper

56 100

69 119.3 27.6 41.4#

84 93.6 75.4 113.0





#33

1,2-Dichloroethane-d4

Concen: 62.532 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073974.D

Acq: 08 Aug 2022 15:46

Instrument :

MSVOA_D

ClientSampleId :

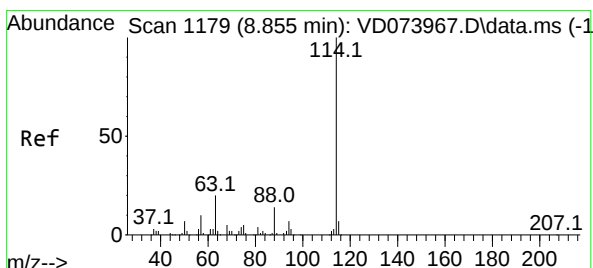
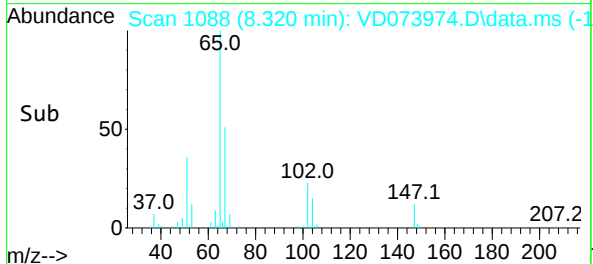
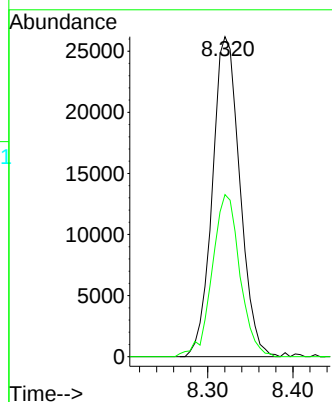
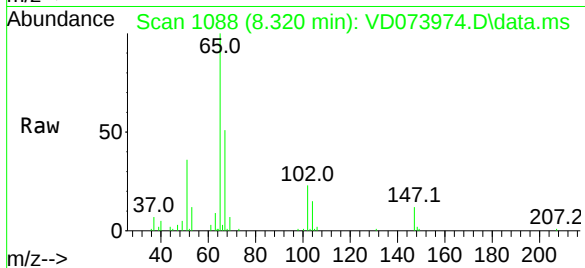
VD0808SBL01

Tgt Ion: 65 Resp: 58739

Ion Ratio Lower Upper

65 100

67 51.1 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: VD073974.D

Acq: 08 Aug 2022 15:46

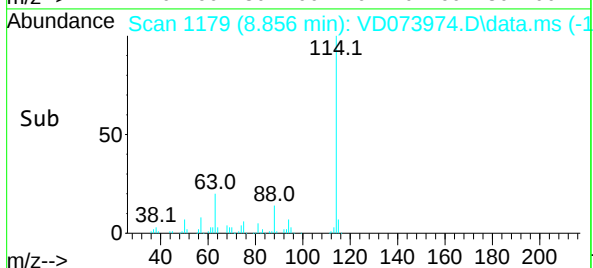
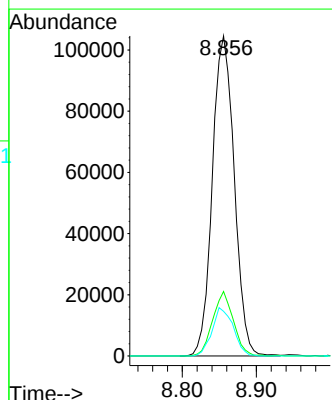
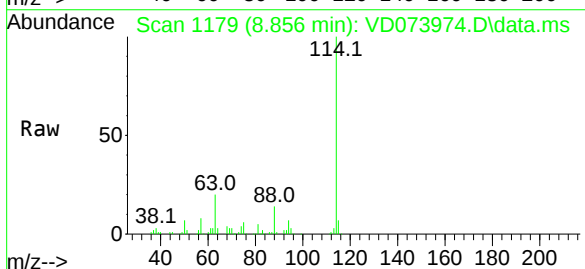
Tgt Ion: 114 Resp: 214760

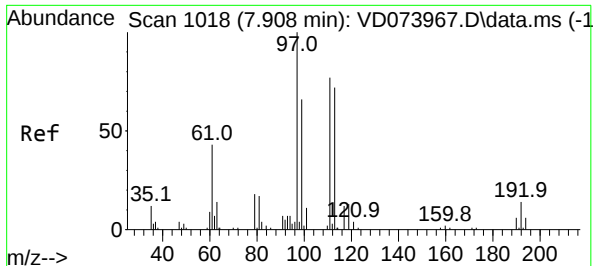
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.8

88 14.0 0.0 28.0





#35

Dibromofluoromethane

Concen: 54.691 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073974.D

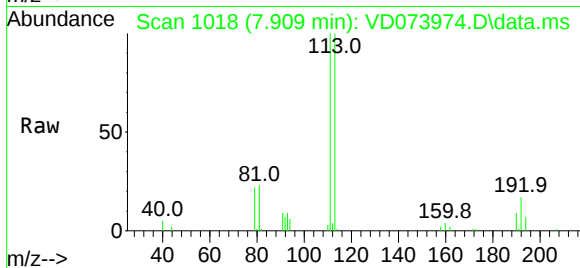
Acq: 08 Aug 2022 15:46

Instrument :

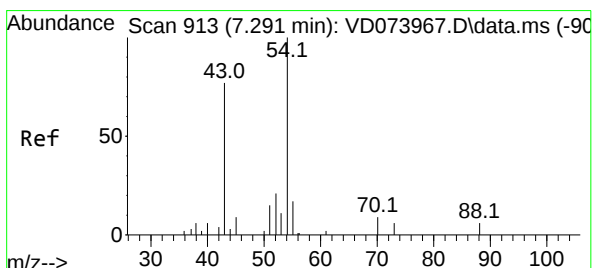
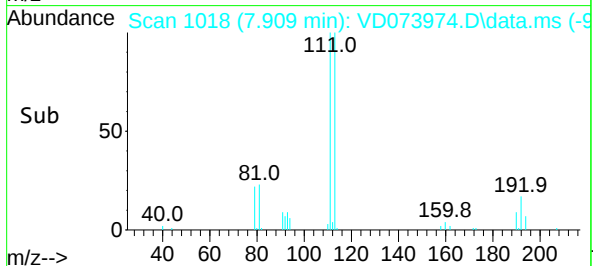
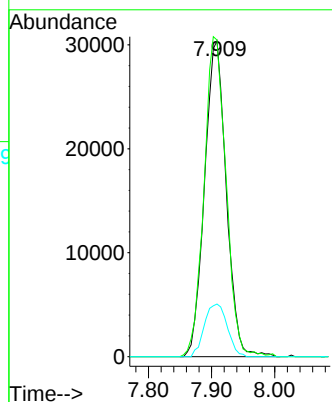
MSVOA_D

ClientSampleId :

VD0808SBL01



Tgt Ion:	113	Resp:	72361
Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.0	124.4
192	17.6	14.8	22.2



#37

Ethyl Acetate

Concen: 2.101 ug/l

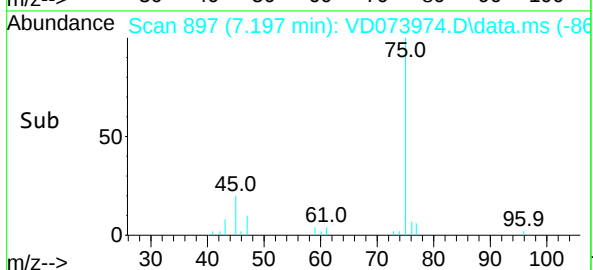
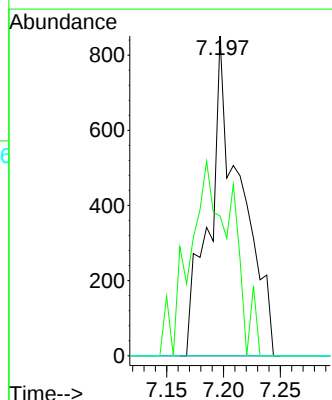
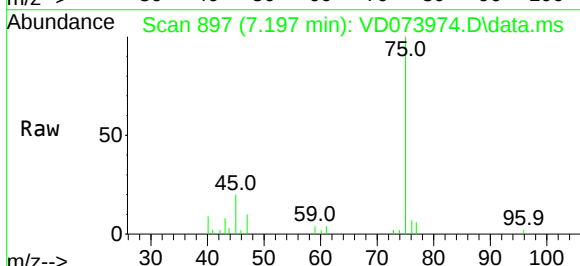
RT: 7.197 min Scan# 897

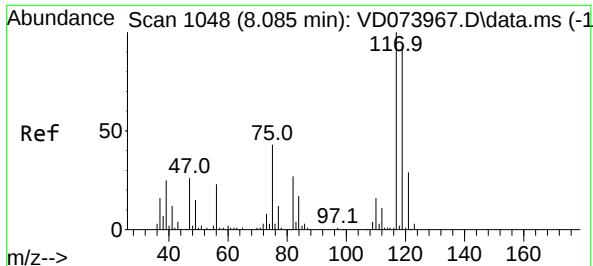
Delta R.T. -0.094 min

Lab File: VD073974.D

Acq: 08 Aug 2022 15:46

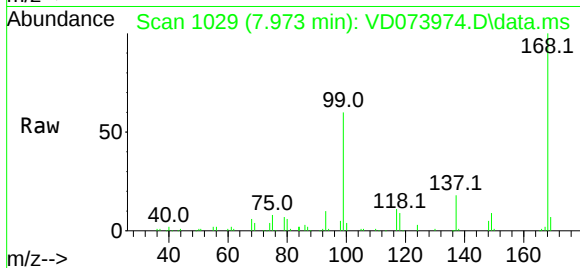
Tgt Ion:	43	Resp:	1632
Ion	Ratio	Lower	Upper
43	100		
61	82.8	11.2	16.8#
70	0.0	7.7	11.5#



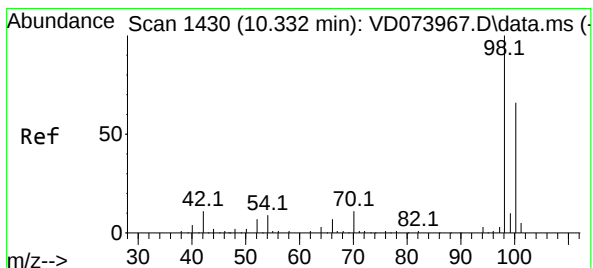
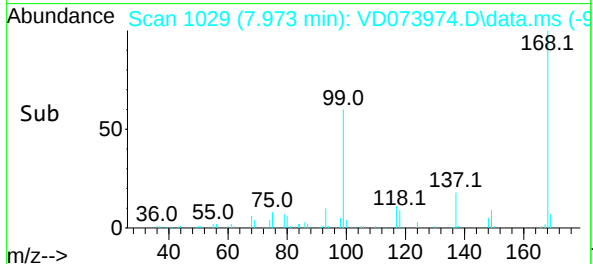
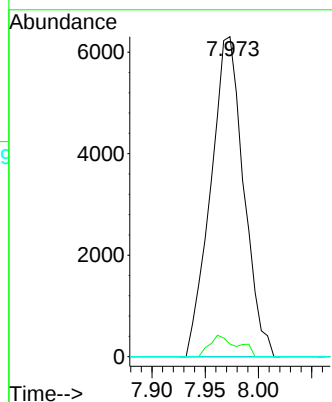


#38
Carbon Tetrachloride
Concen: 5.836 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.112 min
Lab File: VD073974.D
Acq: 08 Aug 2022 15:46

Instrument :
MSVOA_D
ClientSampleId :
VD0808SBL01

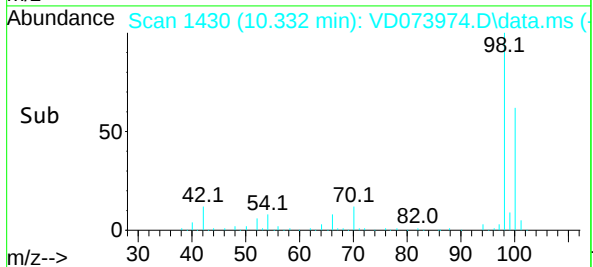
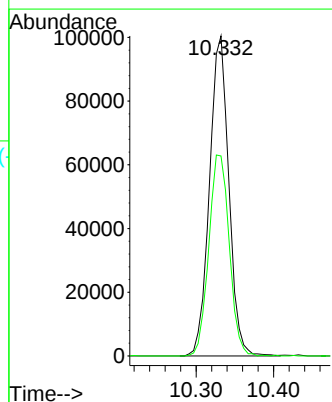
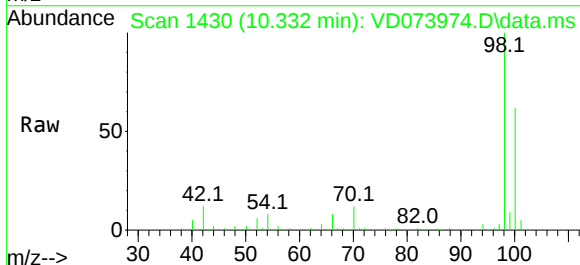


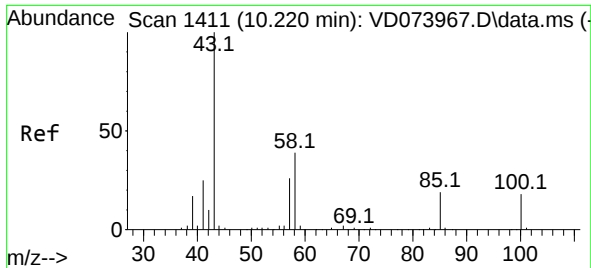
Tgt Ion:117 Resp: 13576
Ion Ratio Lower Upper
117 100
119 4.0 74.7 112.1#
121 0.0 23.4 35.0#



#50
Toluene-d8
Concen: 47.583 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073974.D
Acq: 08 Aug 2022 15:46

Tgt Ion: 98 Resp: 174018
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6

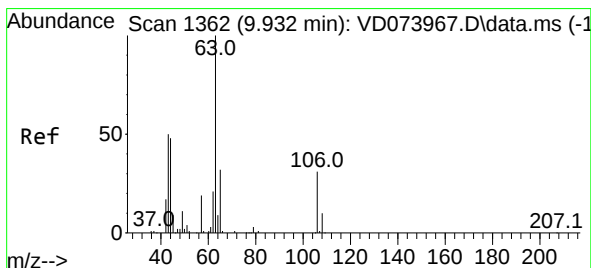
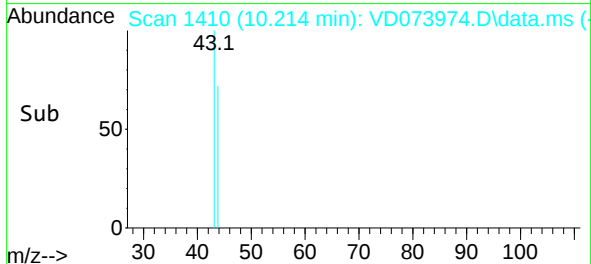
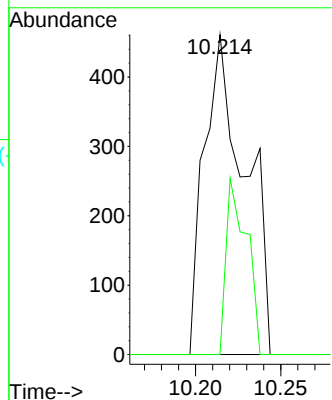
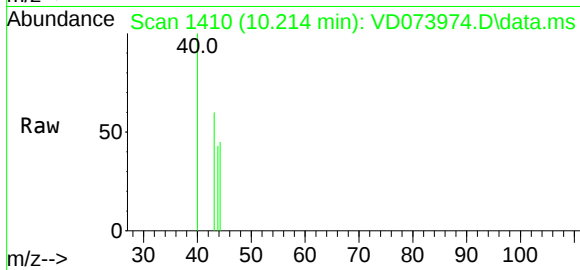




#51
4-Methyl-2-Pentanone
Concen: 1.022 ug/l
RT: 10.214 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD073974.D
Acq: 08 Aug 2022 15:46

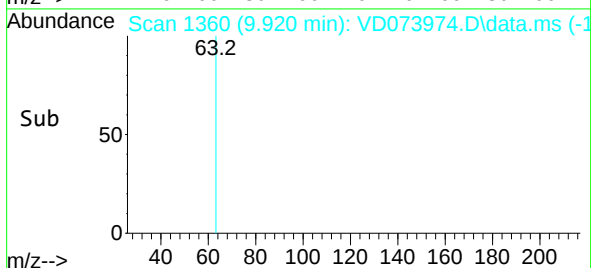
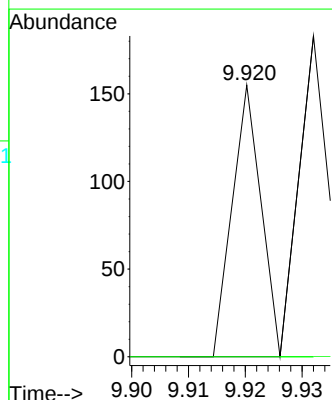
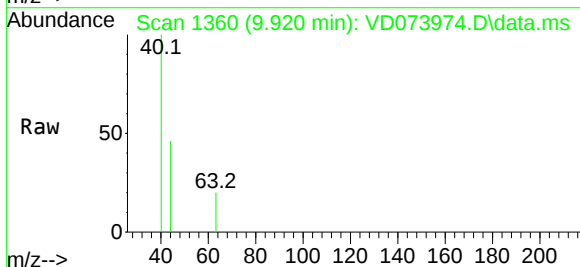
Instrument : MSVOA_D
ClientSampleId : VD0808SBL01

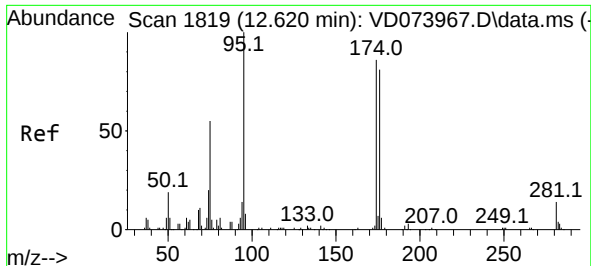
Tgt Ion: 43 Resp: 772
Ion Ratio Lower Upper
43 100
58 27.6 31.6 47.4#



#58
2-Chloroethyl Vinyl ether
Concen: 17.150 ug/l
RT: 9.920 min Scan# 1360
Delta R.T. -0.012 min
Lab File: VD073974.D
Acq: 08 Aug 2022 15:46

Tgt Ion: 63 Resp: 55
Ion Ratio Lower Upper
63 100
106 0.0 25.2 37.8#

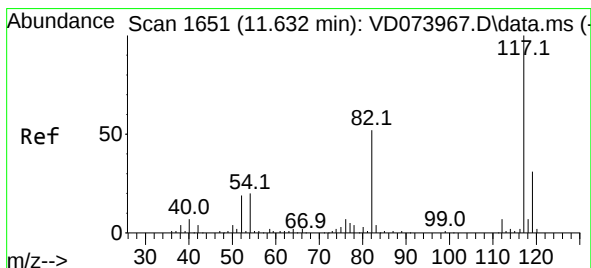
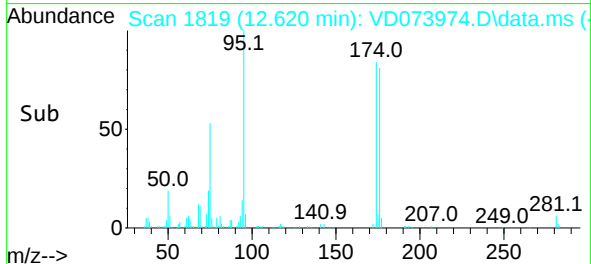
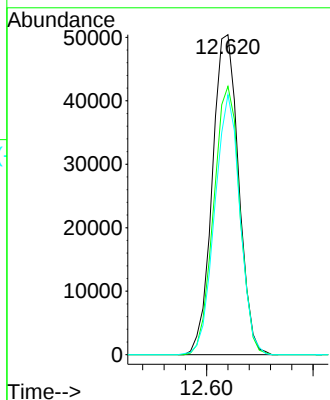
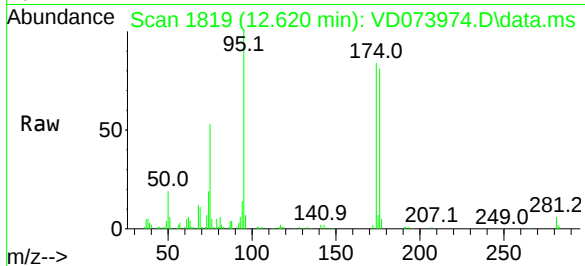




#62
4-Bromofluorobenzene
Concen: 49.003 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073974.D
Acq: 08 Aug 2022 15:46

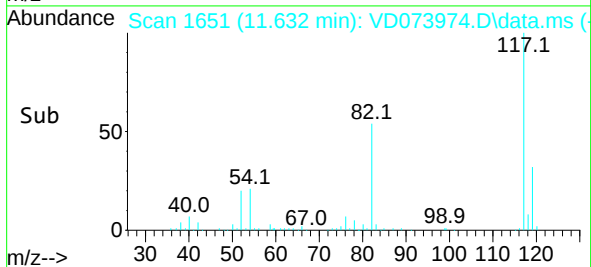
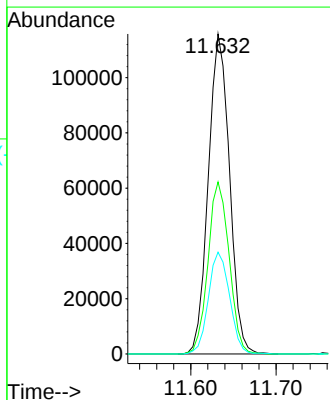
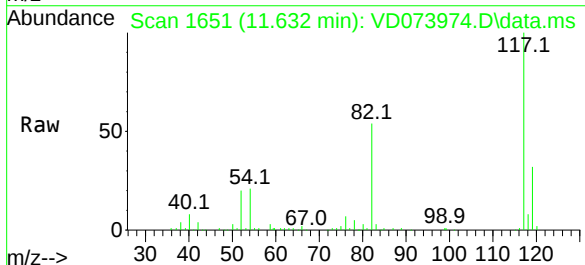
Instrument :
MSVOA_D
ClientSampleId :
VD0808SBL01

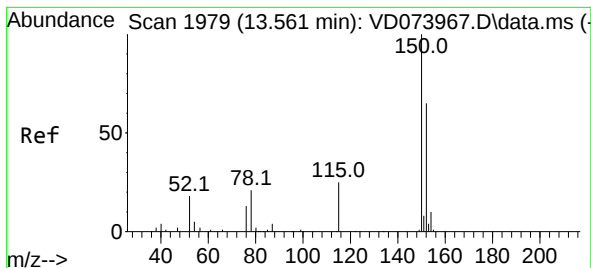
Tgt Ion: 95 Resp: 86408
Ion Ratio Lower Upper
95 100
174 82.9 0.0 163.0
176 77.7 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073974.D
Acq: 08 Aug 2022 15:46

Tgt Ion: 117 Resp: 200013
Ion Ratio Lower Upper
117 100
82 53.8 42.0 63.0
119 31.8 24.8 37.2

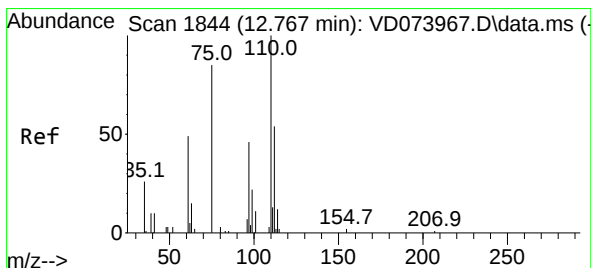
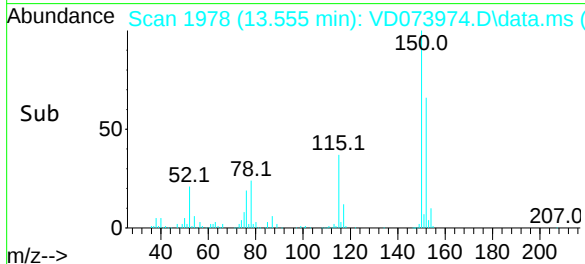
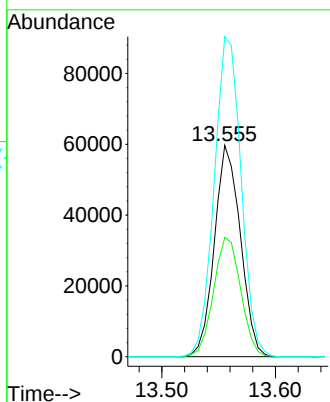
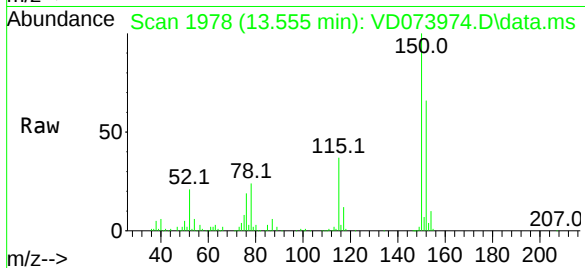




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.555 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: VD073974.D
 Acq: 08 Aug 2022 15:46

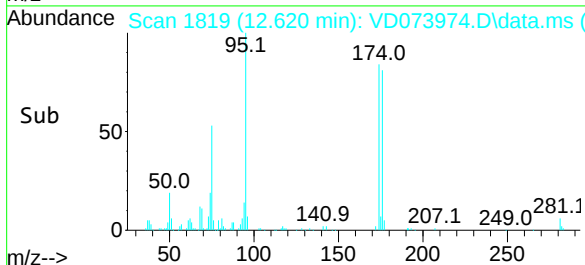
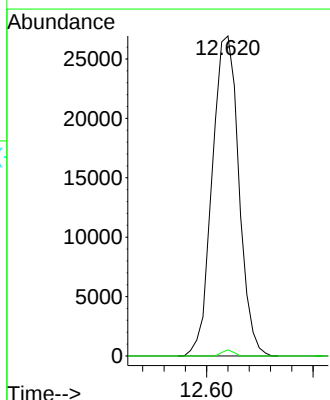
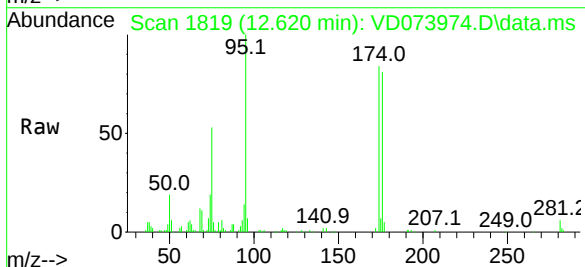
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0808SBL01

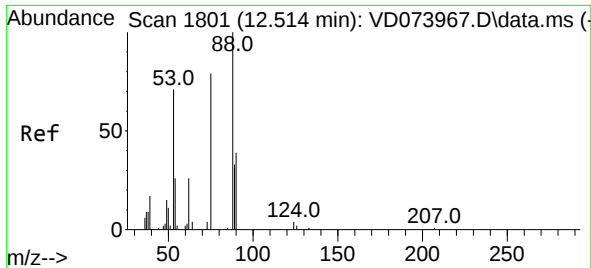
Tgt Ion:152 Resp: 94980
 Ion Ratio Lower Upper
 152 100
 115 58.9 30.4 91.3
 150 156.9 0.0 357.2



#76
 1,2,3-Trichloropropane
 Concen: 53.458 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073974.D
 Acq: 08 Aug 2022 15:46

Tgt Ion: 75 Resp: 46788
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.211 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD073974.D
 Acq: 08 Aug 2022 15:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0808SBL01

Tgt Ion: 75 Resp: 46788
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.8 113.6#
 89 0.2 37.8 56.8#

