

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122822\
 Data File : VD075060.D
 Acq On : 28 Dec 2022 12:34
 Operator : KP/SY
 Sample : VD1228SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBL01

Quant Time: Dec 29 03:48:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

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

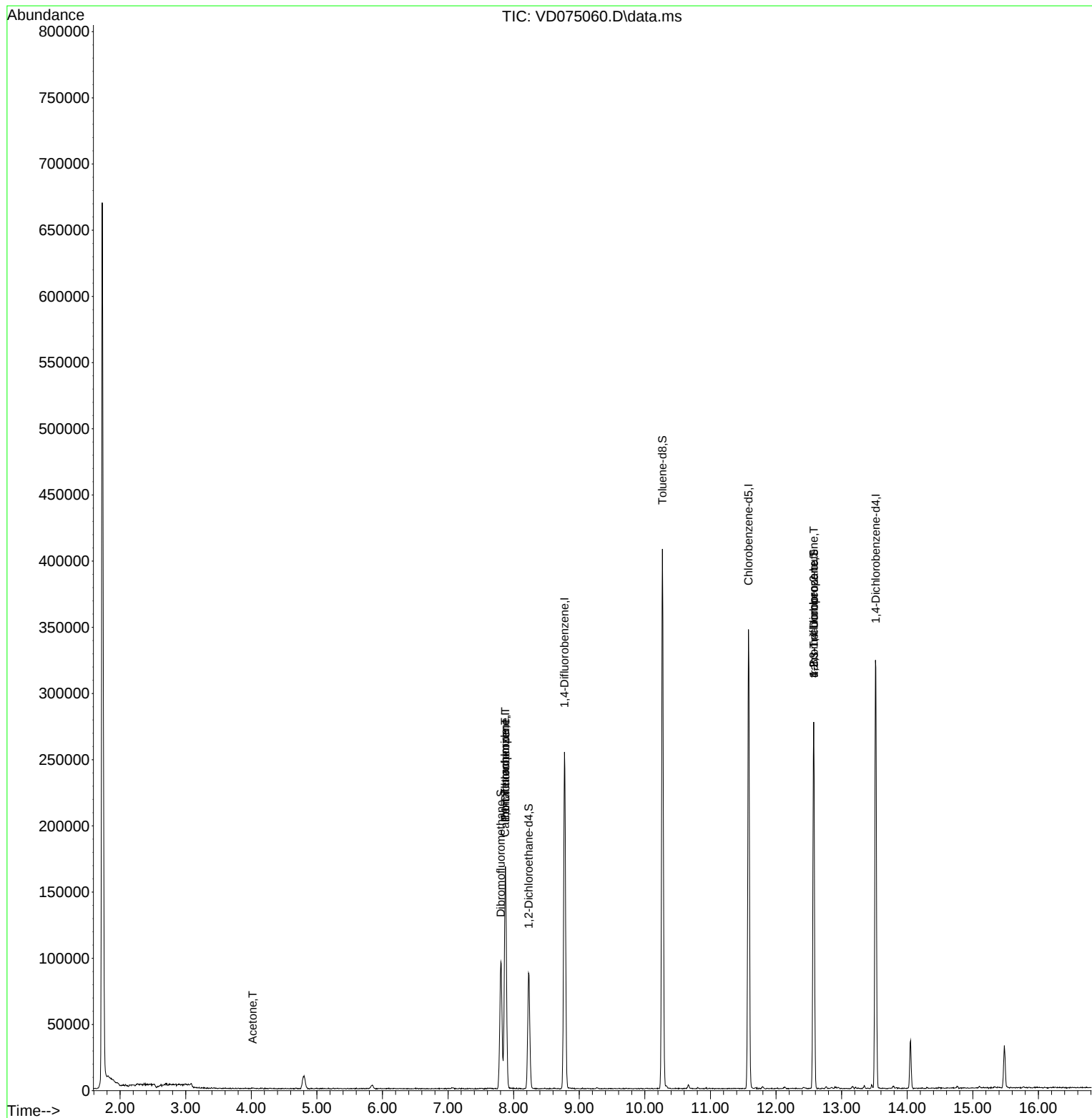
Internal Standards						
1) Pentafluorobenzene	7.875	168	130095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	231127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	199825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	86864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	66988	52.679	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.360%	
35) Dibromofluoromethane	7.804	113	70896	52.128	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.260%	
50) Toluene-d8	10.269	98	277398	50.479	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.960%	
62) 4-Bromofluorobenzene	12.575	95	92628	52.031	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	628	Below Cal	#	41
5) Bromomethane	2.693	94	725	Below Cal		94
16) Acetone	4.022	43	758	2.295	ug/l #	39
17) Carbon Disulfide	4.281	76	188	Below Cal	#	75
18) Methyl Acetate	4.475	43	113	Below Cal	#	44
20) Methylene Chloride	4.793	84	7675	Below Cal	#	93
31) Cyclohexane	7.869	56	3325	Below Cal	#	8
36) 1,1-Dichloropropene	7.875	75	10253	5.836	ug/l #	48
38) Carbon Tetrachloride	7.869	117	12775	8.410	ug/l #	19
76) 1,2,3-Trichloropropane	12.575	75	46826	52.575	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	46826	121.849	ug/l #	19

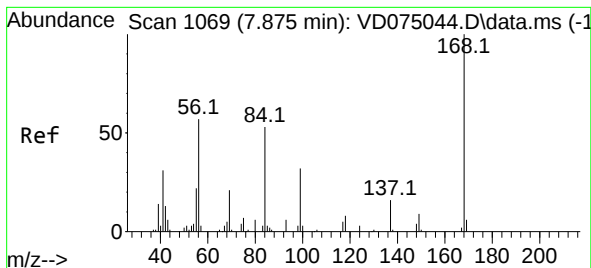
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Dec 29 03:48:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 23 05:54:19 2022
Response via : Initial Calibration

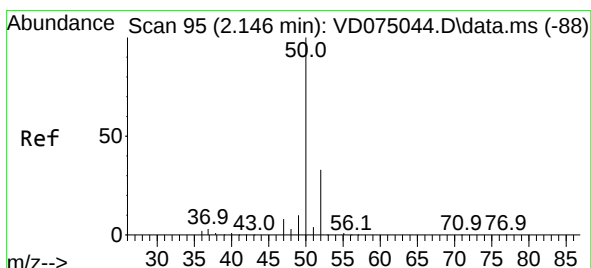
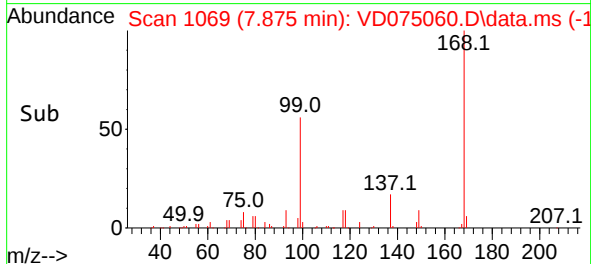
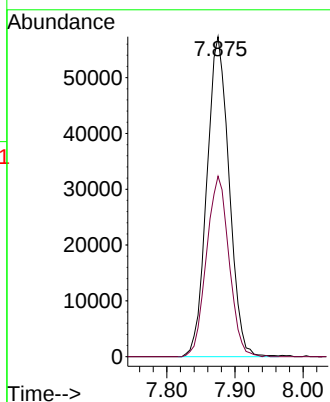
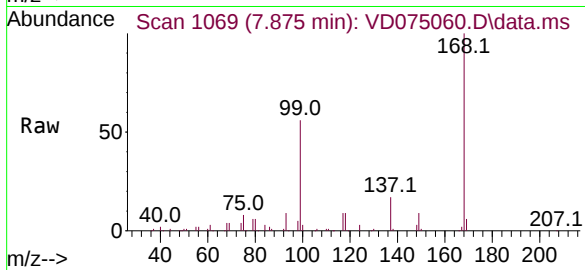




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075060.D
Acq: 28 Dec 2022 12:34

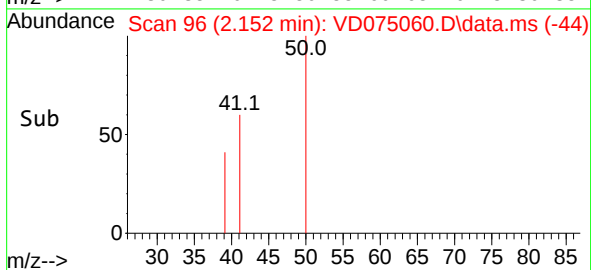
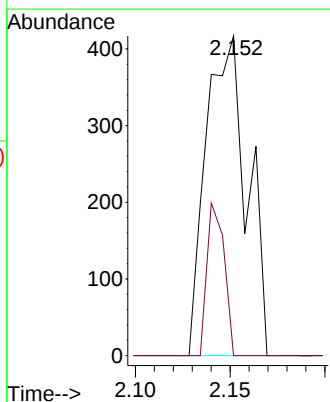
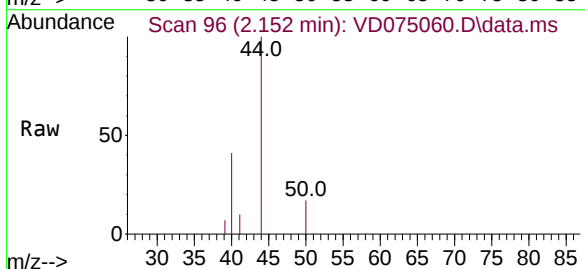
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBL01

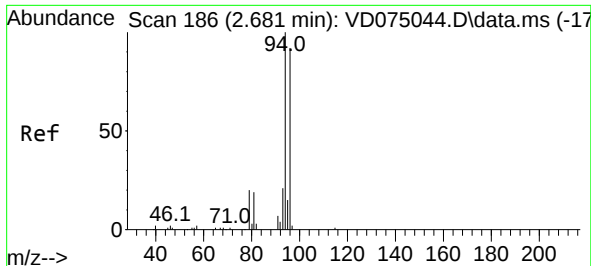
Tgt Ion:168 Resp: 130095
Ion Ratio Lower Upper
168 100
99 56.4 40.3 60.5



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD075060.D
Acq: 28 Dec 2022 12:34

Tgt Ion: 50 Resp: 628
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

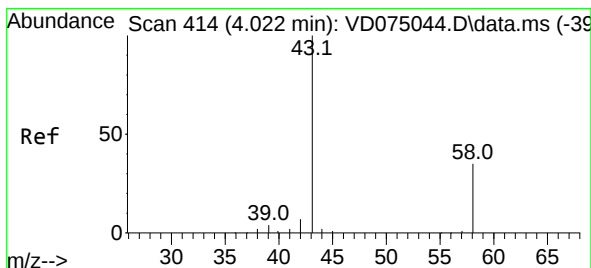
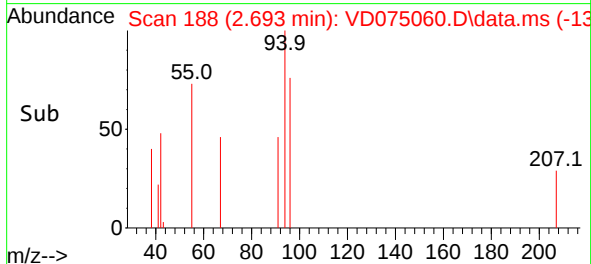
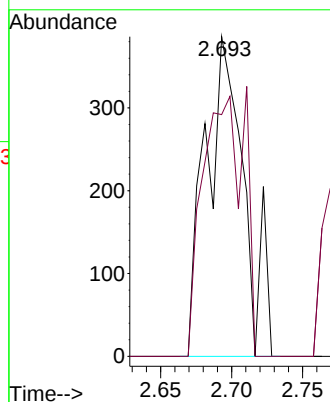
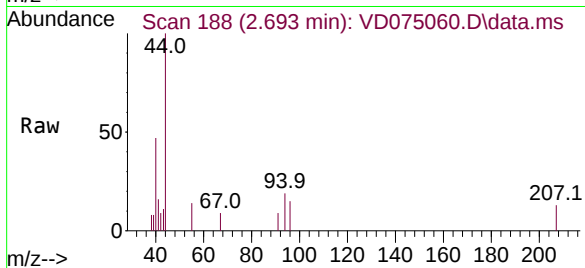




#5
Bromomethane
Concen: Below Cal
RT: 2.693 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD075060.D
Acq: 28 Dec 2022 12:34

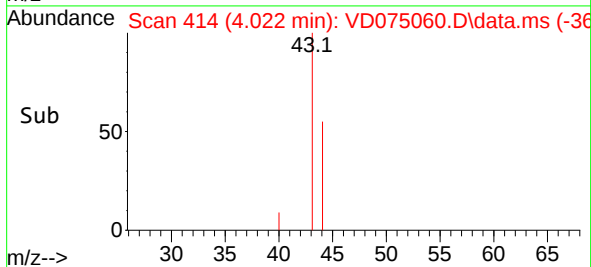
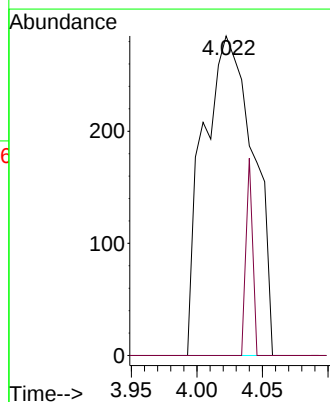
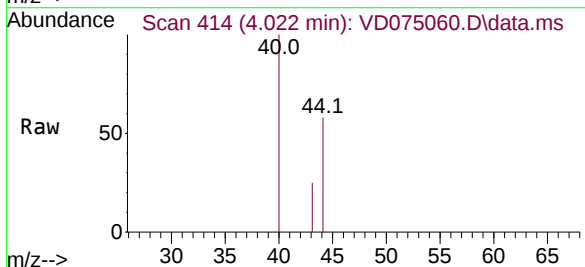
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBL01

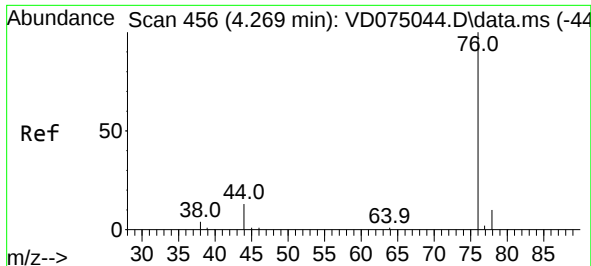
Tgt Ion: 94 Resp: 725
Ion Ratio Lower Upper
94 100
96 88.4 75.2 112.8



#16
Acetone
Concen: 2.295 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075060.D
Acq: 28 Dec 2022 12:34

Tgt Ion: 43 Resp: 758
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

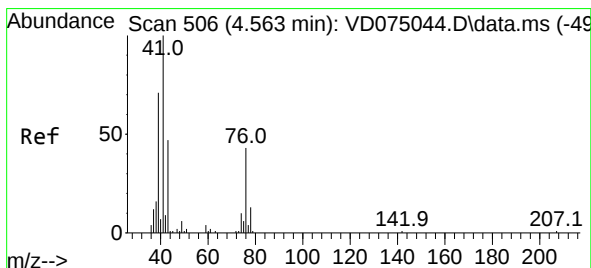
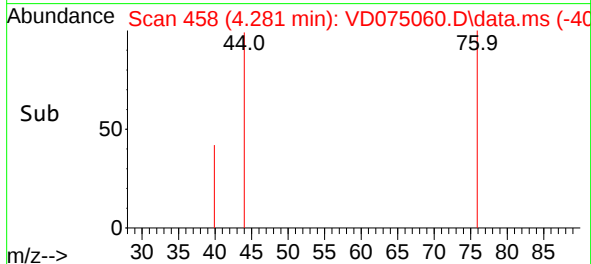
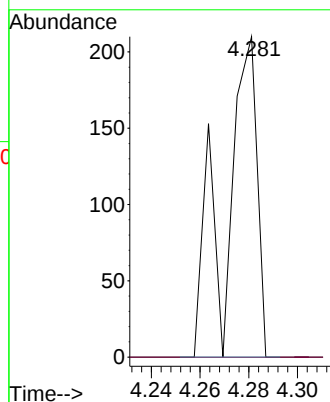
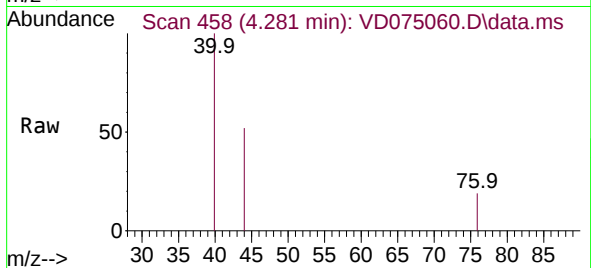




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.281 min Scan# 411
Delta R.T. 0.017 min
Lab File: VD075060.D
Acq: 28 Dec 2022 12:34

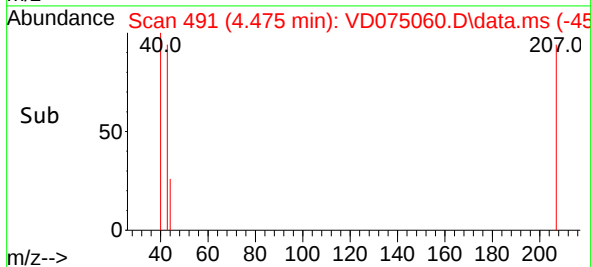
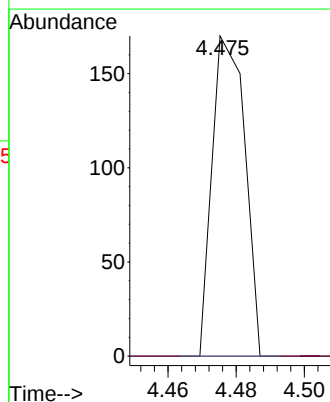
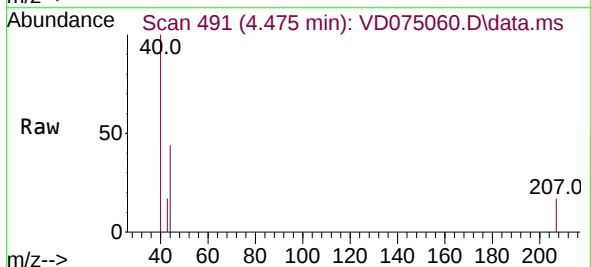
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBL01

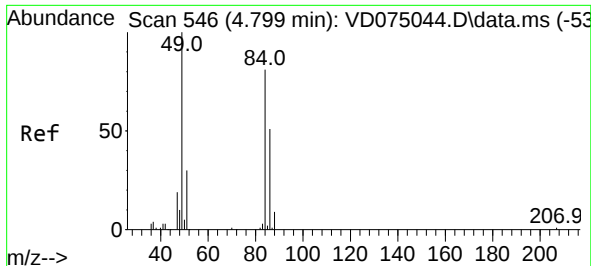
Tgt Ion: 76 Resp: 188
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.475 min Scan# 491
Delta R.T. -0.089 min
Lab File: VD075060.D
Acq: 28 Dec 2022 12:34

Tgt Ion: 43 Resp: 113
Ion Ratio Lower Upper
43 100
74 0.0 24.5 36.7#

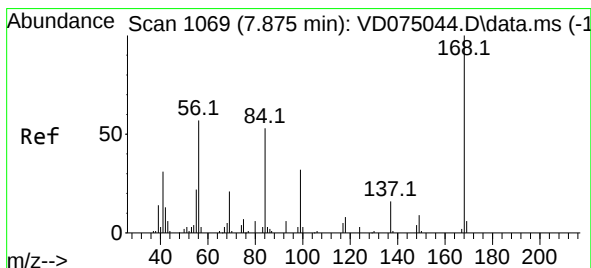
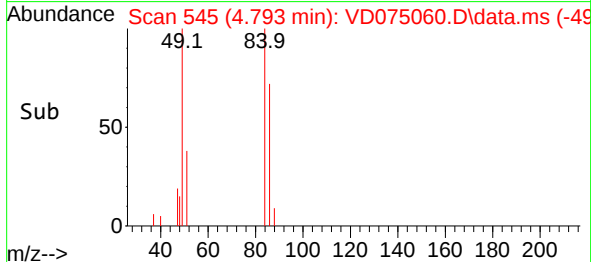
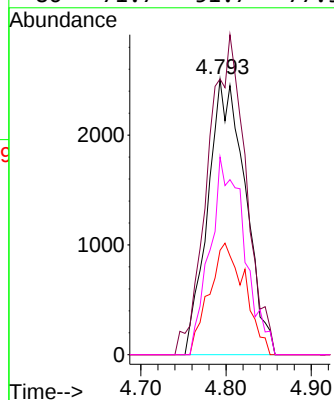
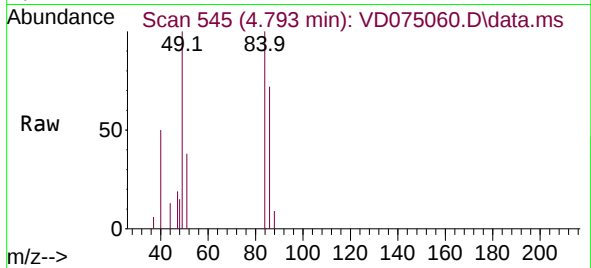




#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075060.D
Acq: 28 Dec 2022 12:34

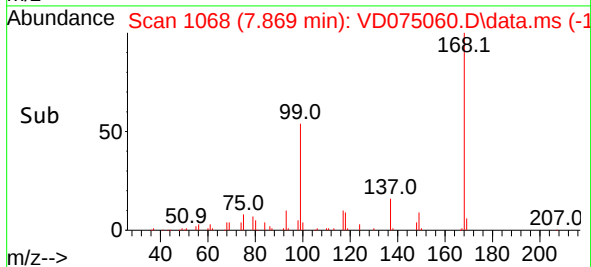
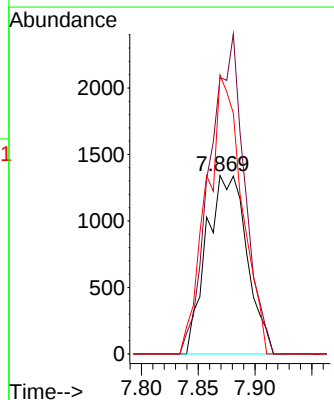
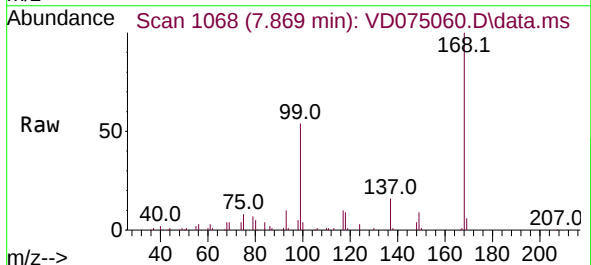
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBL01

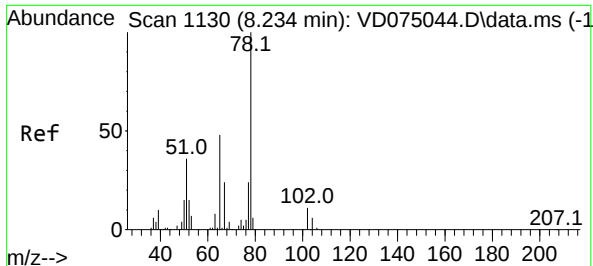
Tgt Ion:	84	Resp:	7675
Ion	Ratio	Lower	Upper
84	100		
49	100.1	77.2	115.8
51	37.9	24.1	36.1#
86	71.7	51.7	77.5



#31
Cyclohexane
Concen: Below Cal
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD075060.D
Acq: 28 Dec 2022 12:34

Tgt Ion:	56	Resp:	3325
Ion	Ratio	Lower	Upper
56	100		
69	154.9	29.4	44.2#
84	156.3	81.8	122.8#





#33

1,2-Dichloroethane-d4

Concen: 52.679 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075060.D

Acq: 28 Dec 2022 12:34

Instrument :

MSVOA_D

ClientSampleId :

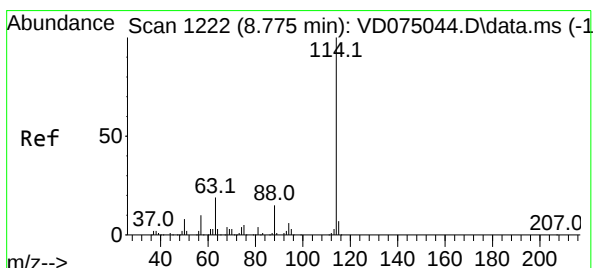
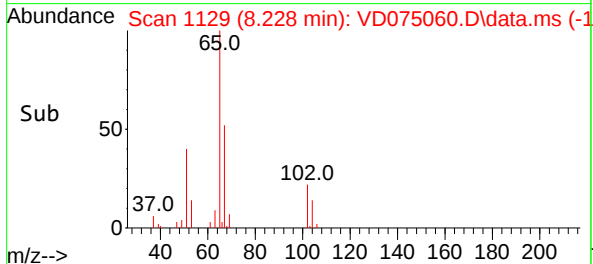
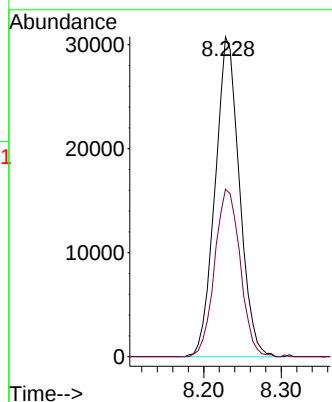
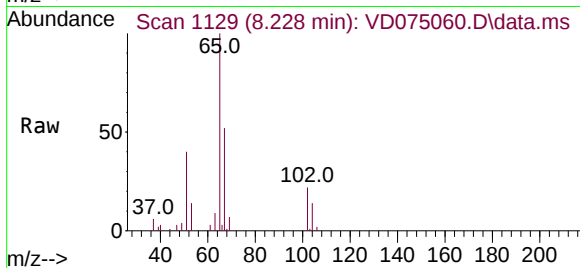
VD1228SBL01

Tgt Ion: 65 Resp: 66988

Ion Ratio Lower Upper

65 100

67 55.0 0.0 111.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD075060.D

Acq: 28 Dec 2022 12:34

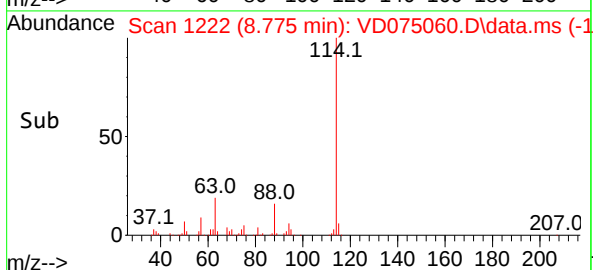
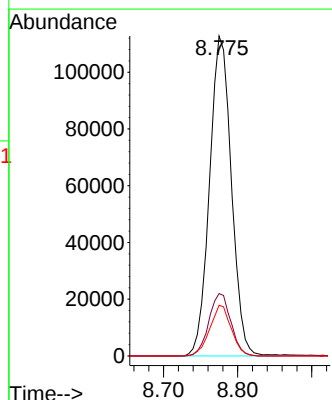
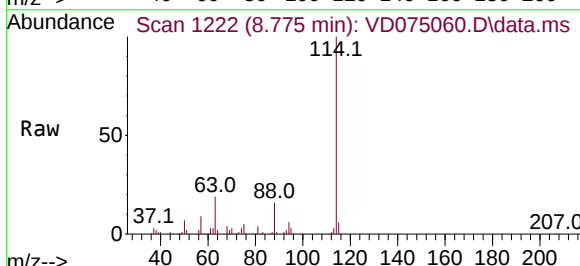
Tgt Ion: 114 Resp: 231127

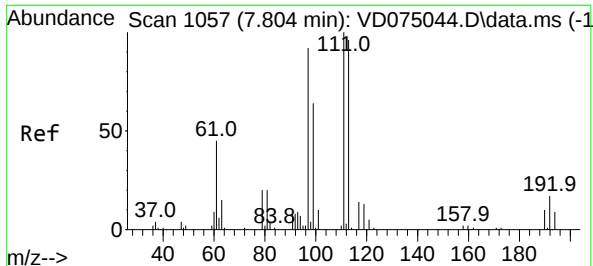
Ion Ratio Lower Upper

114 100

63 19.5 0.0 33.8

88 15.9 0.0 27.8

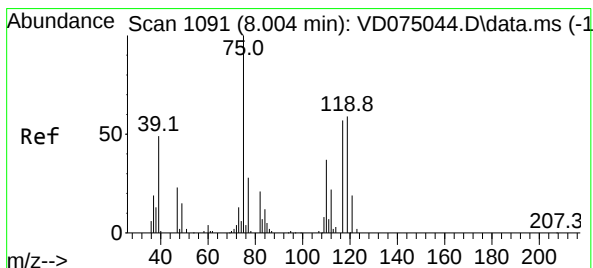
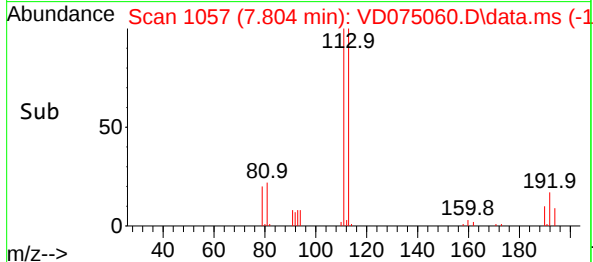
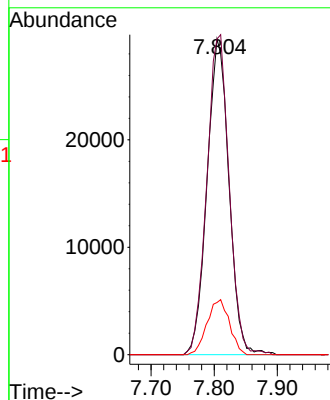
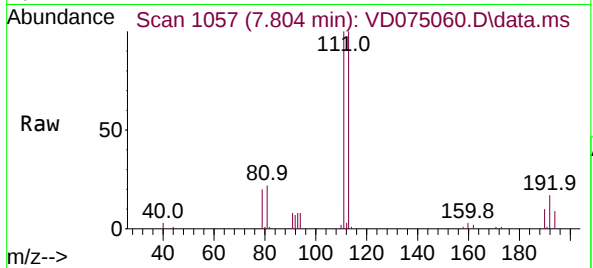




#35
Dibromofluoromethane
Concen: 52.128 ug/l
RT: 7.804 min Scan# 1069
Delta R.T. -0.001 min
Lab File: VD075060.D
Acq: 28 Dec 2022 12:34

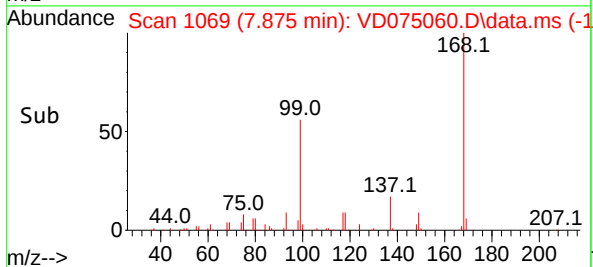
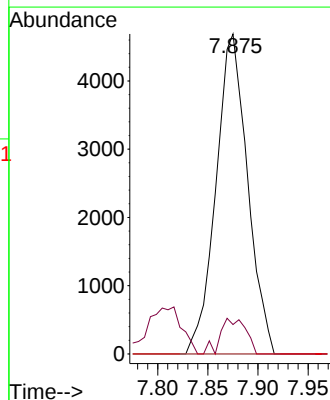
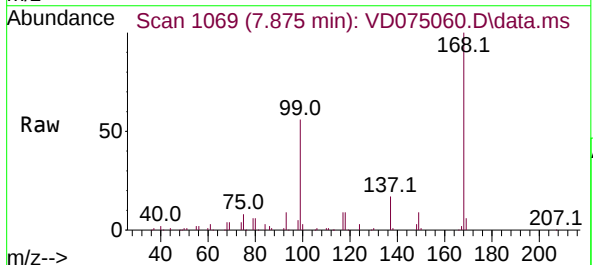
Instrument :
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VD1228SBL01

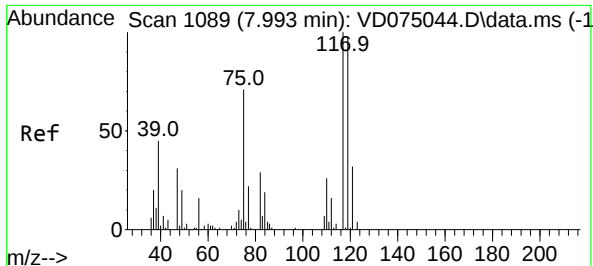
Tgt Ion:113 Resp: 70896
Ion Ratio Lower Upper
113 100
111 102.9 82.1 123.1
192 17.8 15.1 22.7



#36
1,1-Dichloropropene
Concen: 5.836 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075060.D
Acq: 28 Dec 2022 12:34

Tgt Ion: 75 Resp: 10253
Ion Ratio Lower Upper
75 100
110 9.0 19.0 57.0#
77 0.0 25.2 37.8#

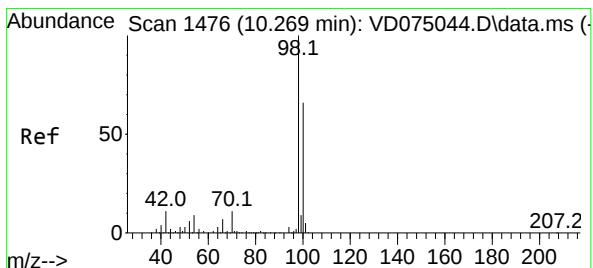
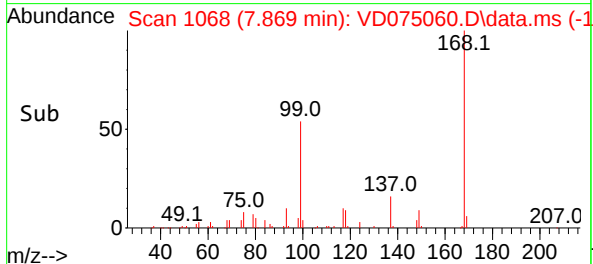
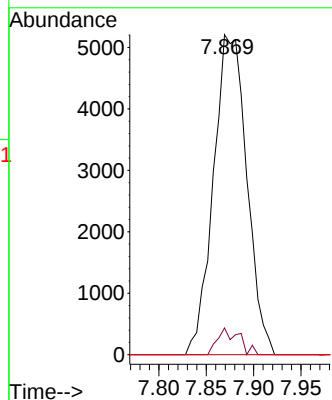
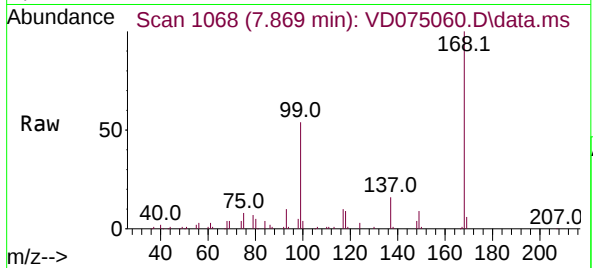




#38
Carbon Tetrachloride
Concen: 8.410 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD075060.D
Acq: 28 Dec 2022 12:34

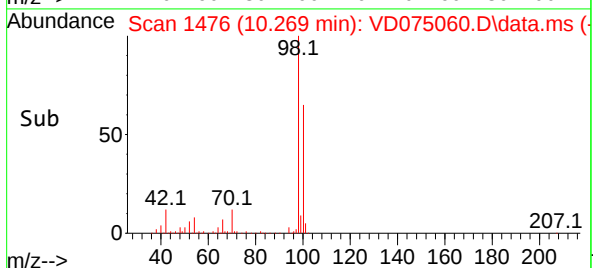
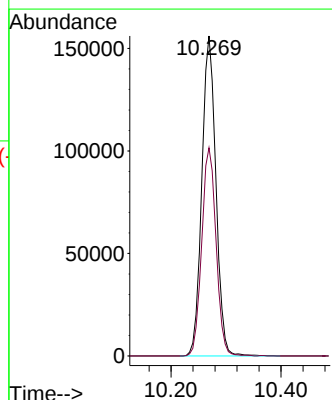
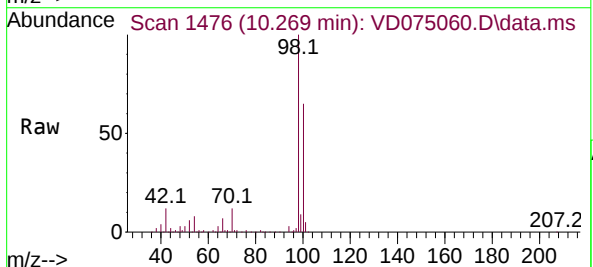
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBL01

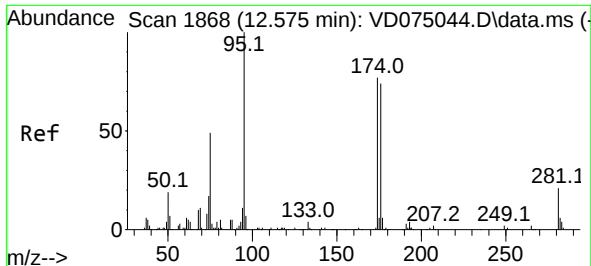
Tgt Ion:117 Resp: 12775
Ion Ratio Lower Upper
117 100
119 8.3 75.8 113.6#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 50.479 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075060.D
Acq: 28 Dec 2022 12:34

Tgt Ion: 98 Resp: 277398
Ion Ratio Lower Upper
98 100
100 66.2 52.2 78.2

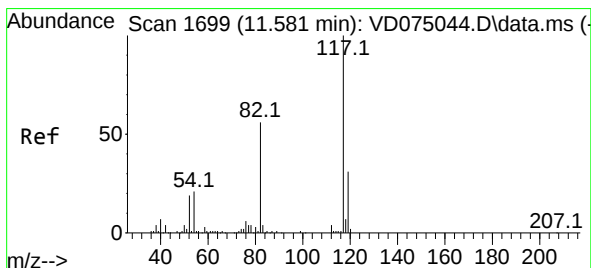
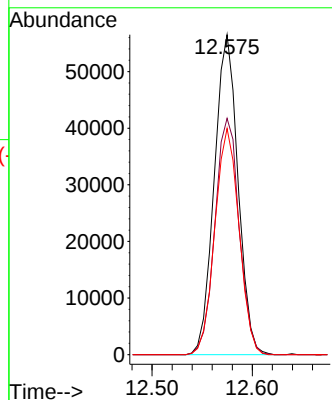
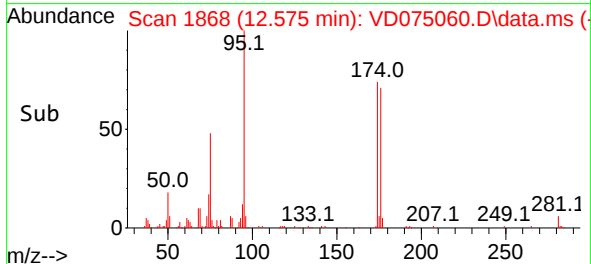
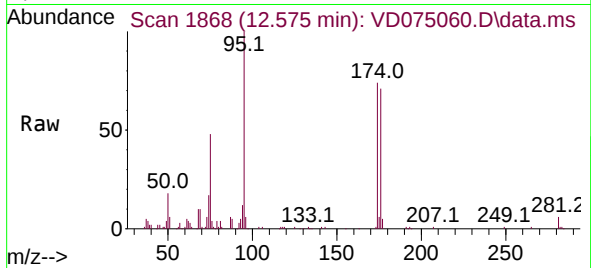




#62
4-Bromofluorobenzene
Concen: 52.031 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075060.D
Acq: 28 Dec 2022 12:34

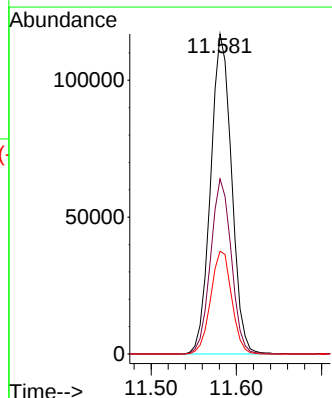
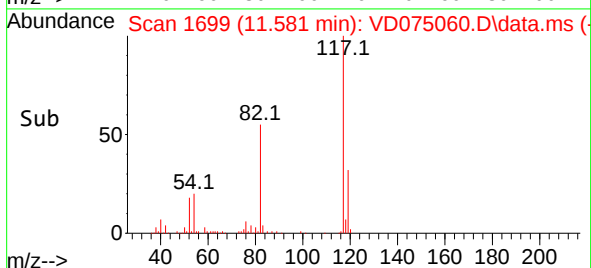
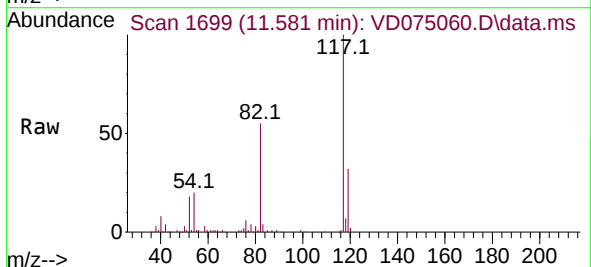
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBL01

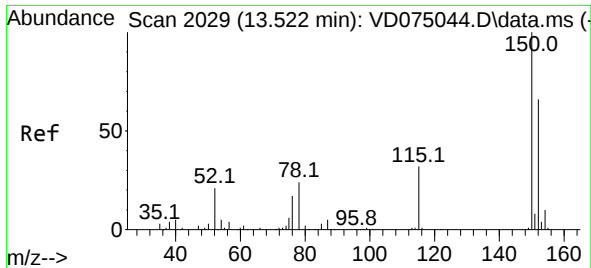
Tgt Ion: 95 Resp: 92628
Ion Ratio Lower Upper
95 100
174 75.6 0.0 171.2
176 72.0 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075060.D
Acq: 28 Dec 2022 12:34

Tgt Ion: 117 Resp: 199825
Ion Ratio Lower Upper
117 100
82 54.7 40.9 61.3
119 32.1 25.5 38.3

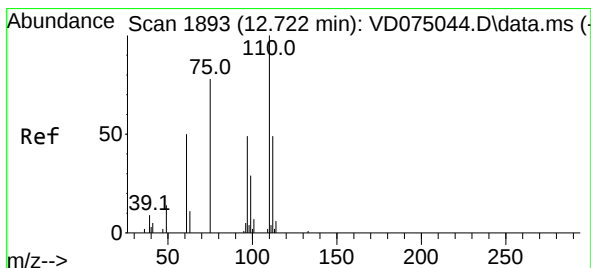
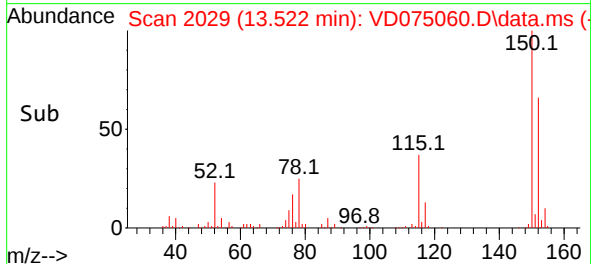
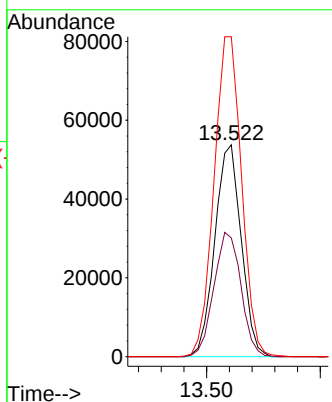
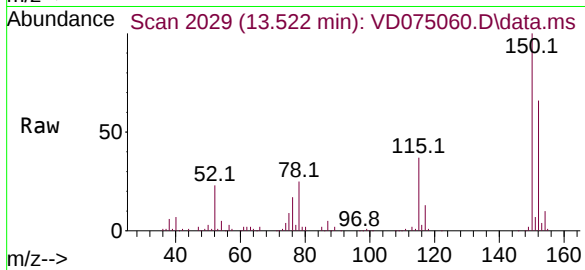




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. 0.006 min
 Lab File: VD075060.D
 Acq: 28 Dec 2022 12:34

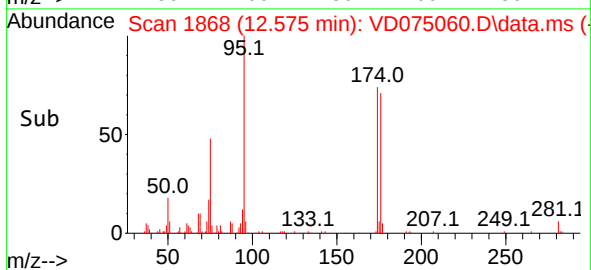
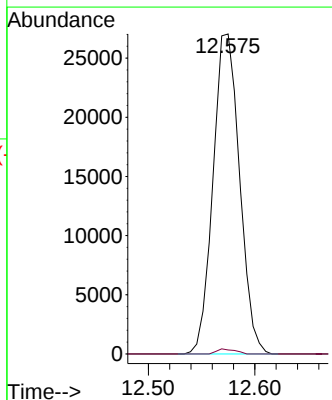
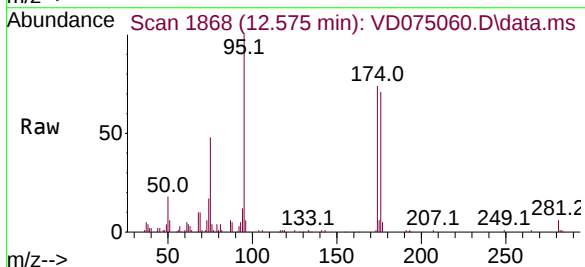
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBL01

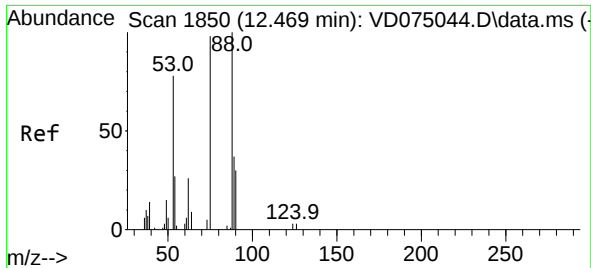
Tgt Ion:152 Resp: 86864
 Ion Ratio Lower Upper
 152 100
 115 60.1 28.8 86.5
 150 157.4 0.0 354.2



#76
 1,2,3-Trichloropropane
 Concen: 52.575 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD075060.D
 Acq: 28 Dec 2022 12:34

Tgt Ion: 75 Resp: 46826
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.849 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD075060.D
 Acq: 28 Dec 2022 12:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBL01

Tgt Ion: 75 Resp: 46826
 Ion Ratio Lower Upper
 75 100
 53 0.0 60.0 90.0#
 89 0.0 37.4 56.0#

