

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122822\
 Data File : VD075065.D
 Acq On : 28 Dec 2022 14:56
 Operator : KP/SY
 Sample : N6212-01
 Misc : 4.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Dec 29 03:51:00 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)

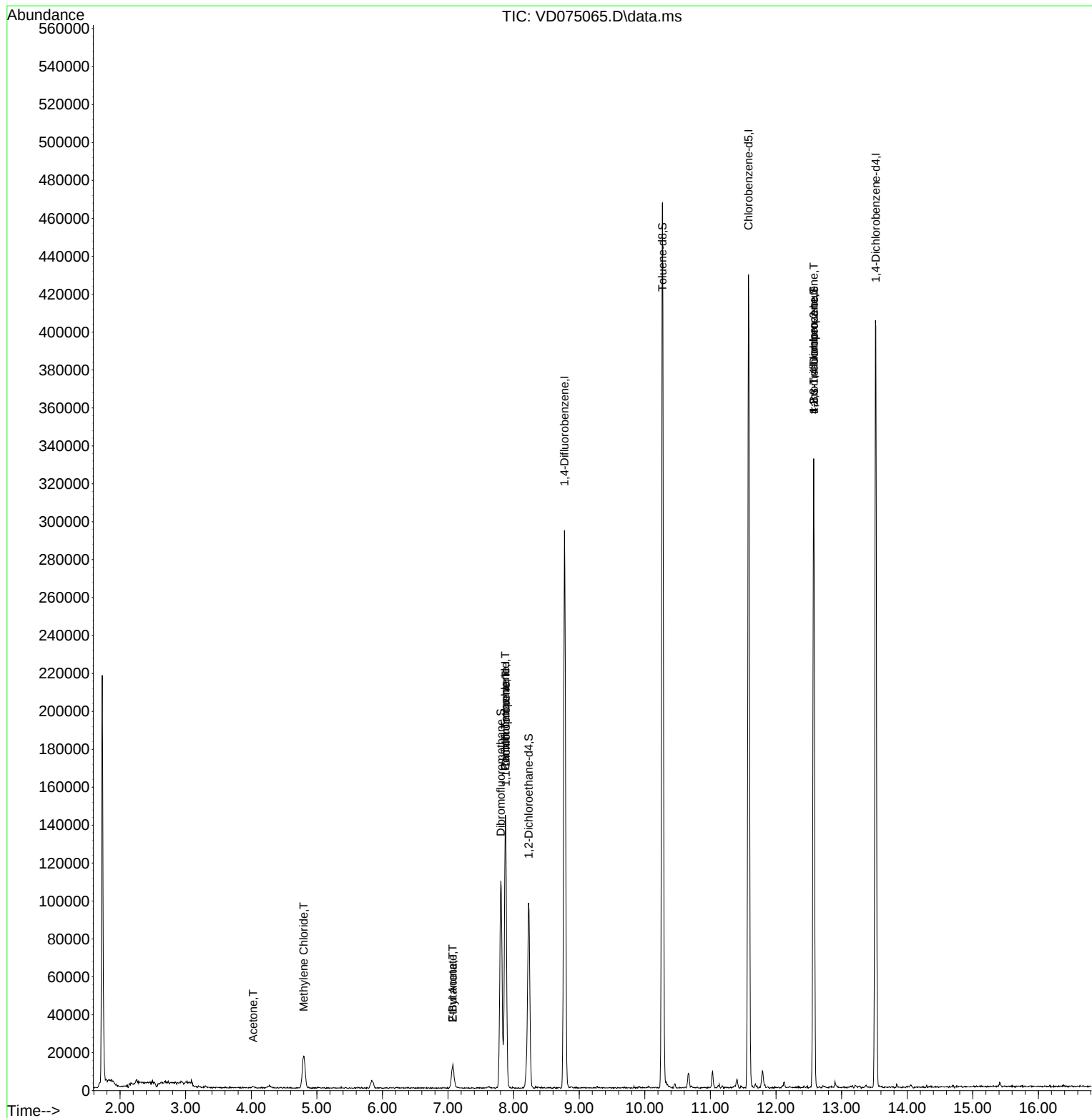
Internal Standards						
1) Pentafluorobenzene	7.875	168	108344	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	265664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	249358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	109835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	73870	69.753	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.500%	
35) Dibromofluoromethane	7.805	113	82334	52.668	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.340%	
50) Toluene-d8	10.269	98	325413	51.518	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.040%	
62) 4-Bromofluorobenzene	12.575	95	110937	54.214	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.420%	
Target Compounds						
						Qvalue
3) Chloromethane	2.140	50	442	Below Cal		98
5) Bromomethane	2.687	94	454	Below Cal		91
11) Tert butyl alcohol	5.017	59	137	Below Cal	#	84
16) Acetone	4.028	43	1768	6.428	ug/l #	87
17) Carbon Disulfide	4.258	76	733	Below Cal	#	75
18) Methyl Acetate	4.564	43	54	Below Cal	#	44
20) Methylene Chloride	4.799	84	13336	4.800	ug/l	87
25) 2-Butanone	7.069	43	1157	3.152	ug/l #	39
31) Cyclohexane	7.869	56	2766	Below Cal	#	40
36) 1,1-Dichloropropene	7.881	75	9637	4.773	ug/l #	47
37) Ethyl Acetate	7.069	43	1157	1.134	ug/l #	81
38) Carbon Tetrachloride	7.875	117	11275	6.458	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	57079	50.683	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	57079	117.466	ug/l #	19

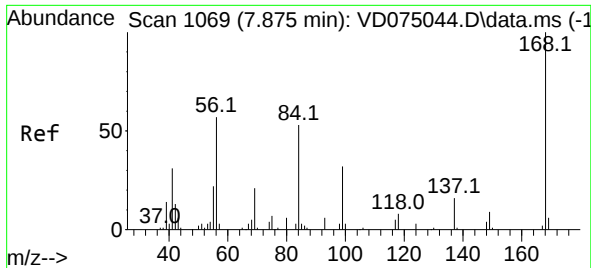
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122822\
Data File : VD075065.D
Acq On : 28 Dec 2022 14:56
Operator : KP/SY
Sample : N6212-01
Misc : 4.85G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Quant Time: Dec 29 03:51:00 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

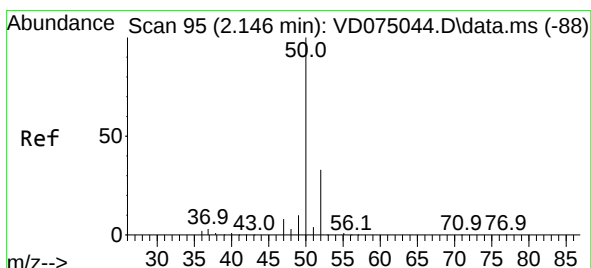
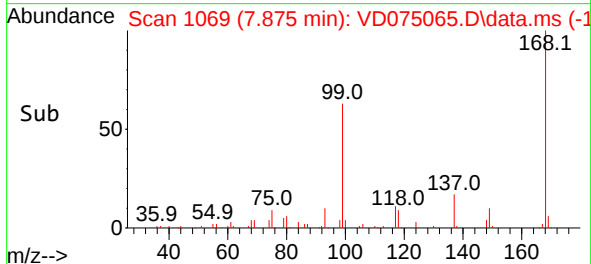
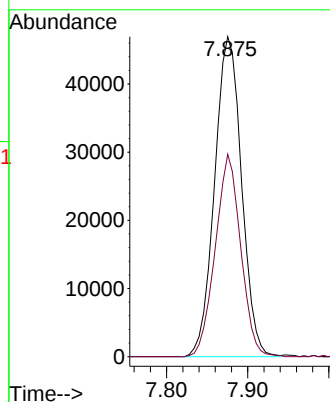
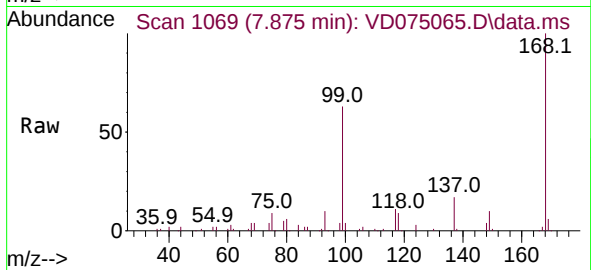




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075065.D
Acq: 28 Dec 2022 14:56

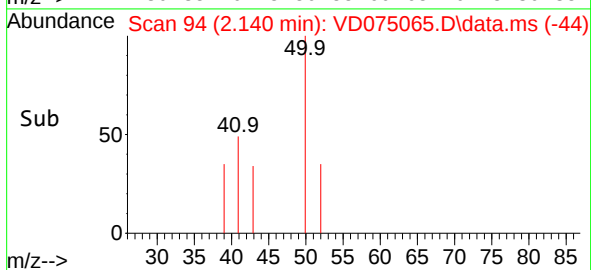
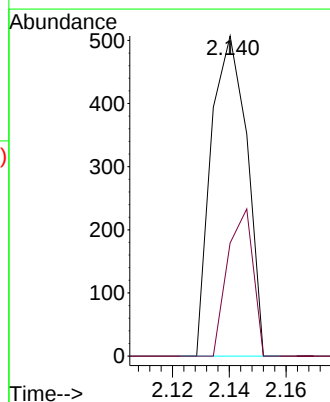
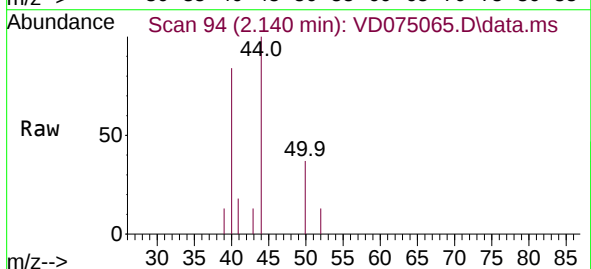
Instrument :
MSVOA_D
ClientSampleId :
TP-1

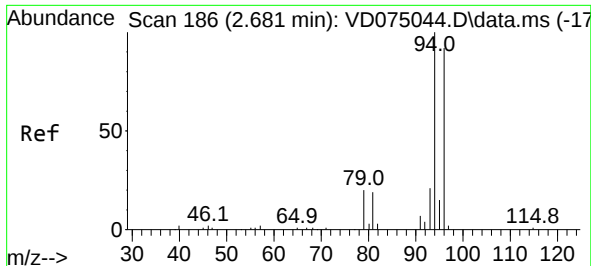
Tgt Ion:168 Resp: 108344
Ion Ratio Lower Upper
168 100
99 63.3 40.3 60.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD075065.D
Acq: 28 Dec 2022 14:56

Tgt Ion: 50 Resp: 442
Ion Ratio Lower Upper
50 100
52 35.3 27.2 40.8

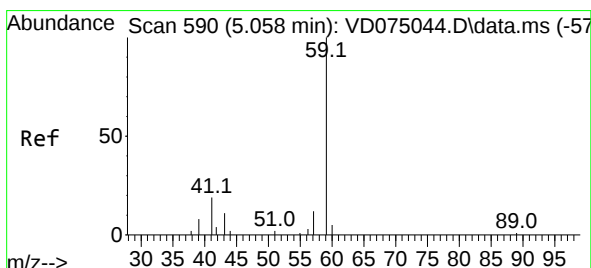
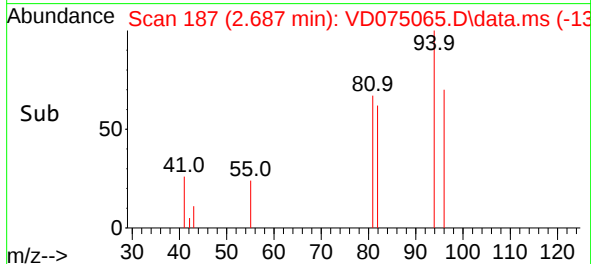
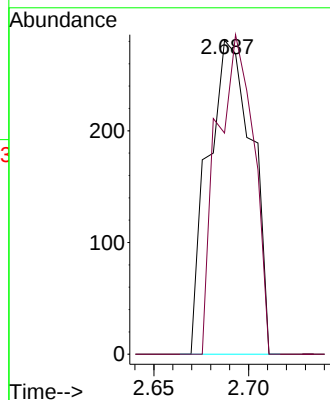
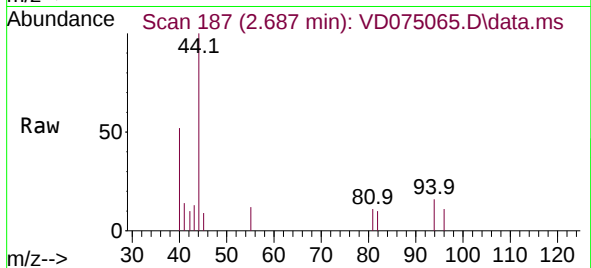




#5
Bromomethane
Concen: Below Cal
RT: 2.687 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075065.D
Acq: 28 Dec 2022 14:56

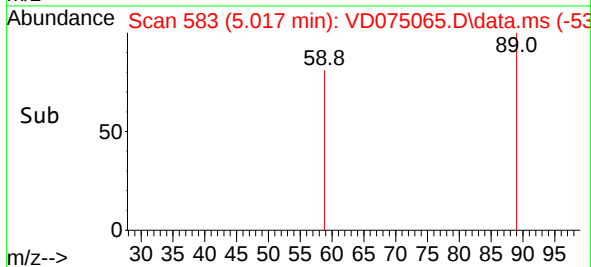
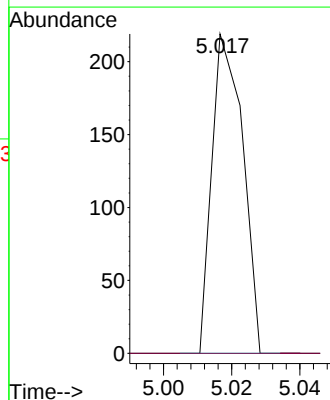
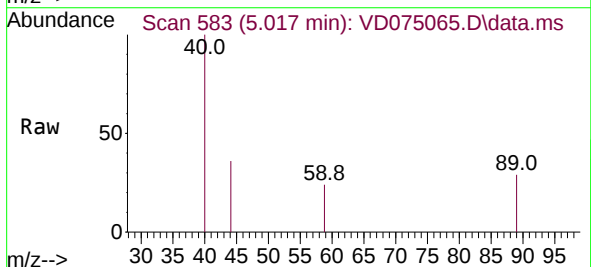
Instrument :
MSVOA_D
ClientSampleId :
TP-1

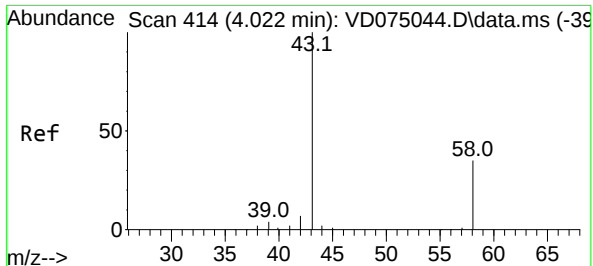
Tgt Ion: 94 Resp: 454
Ion Ratio Lower Upper
94 100
96 85.2 75.2 112.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.017 min Scan# 583
Delta R.T. -0.035 min
Lab File: VD075065.D
Acq: 28 Dec 2022 14:56

Tgt Ion: 59 Resp: 137
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#





#16

Acetone

Concen: 6.428 ug/l

RT: 4.028 min Scan# 414

Delta R.T. 0.006 min

Lab File: VD075065.D

Acq: 28 Dec 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

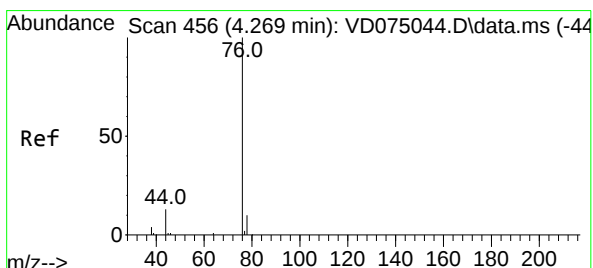
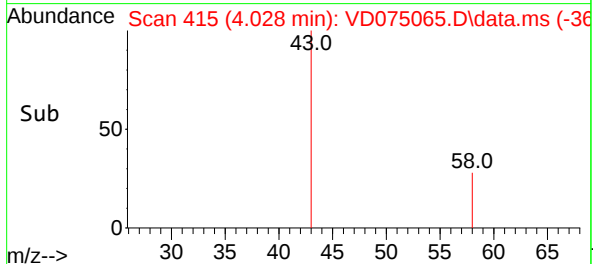
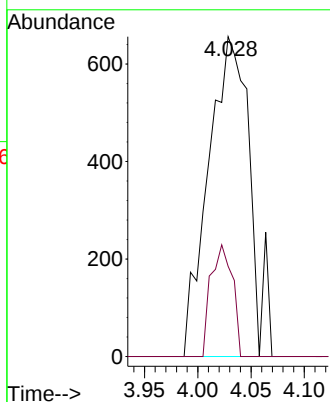
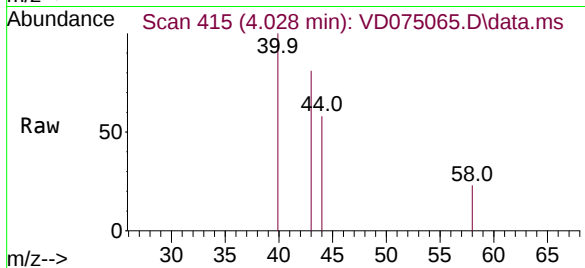
TP-1

Tgt Ion: 43 Resp: 1768

Ion Ratio Lower Upper

43 100

58 28.2 28.6 43.0#



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.258 min Scan# 454

Delta R.T. -0.006 min

Lab File: VD075065.D

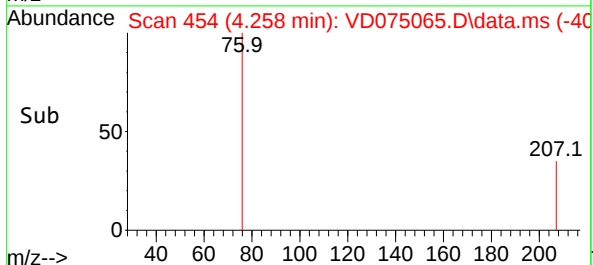
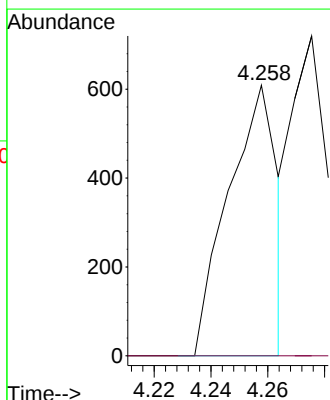
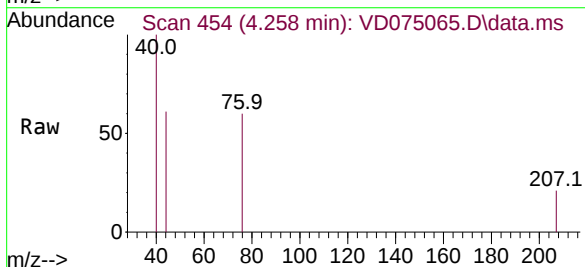
Acq: 28 Dec 2022 14:56

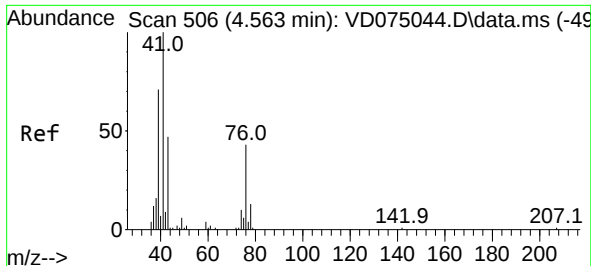
Tgt Ion: 76 Resp: 733

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

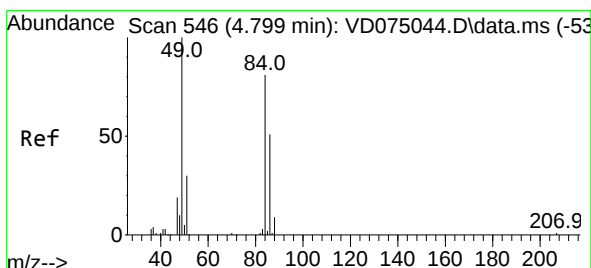
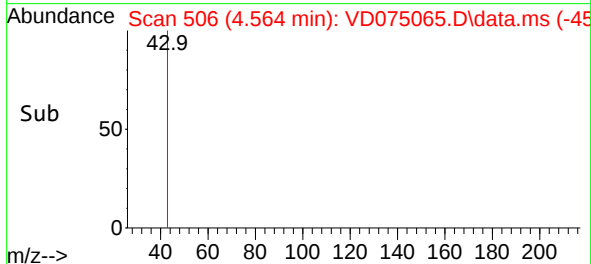
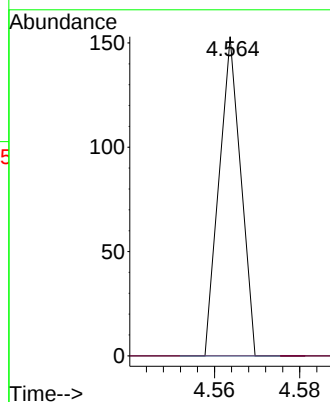
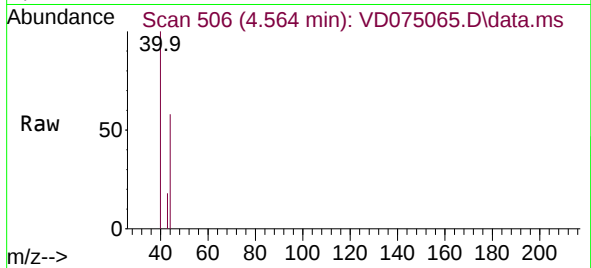




#18
Methyl Acetate
Concen: Below Cal
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075065.D
Acq: 28 Dec 2022 14:56

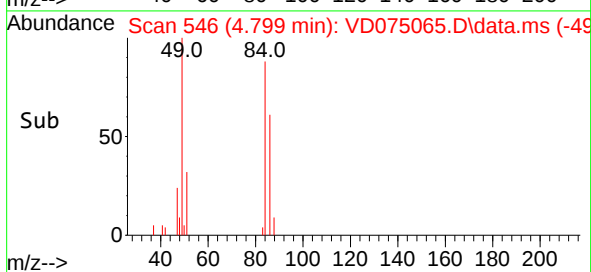
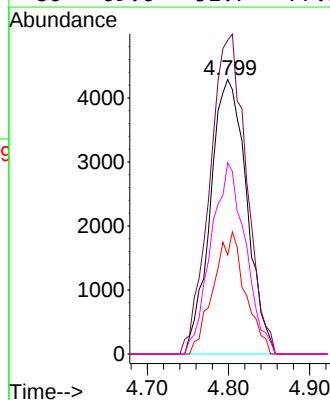
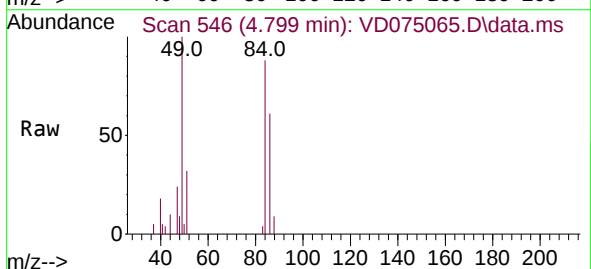
Instrument :
MSVOA_D
ClientSampleId :
TP-1

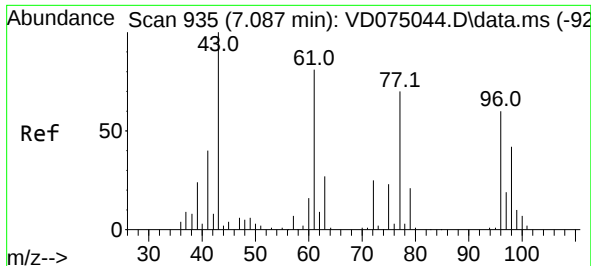
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 24.5 36.7#



#20
Methylene Chloride
Concen: 4.800 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD075065.D
Acq: 28 Dec 2022 14:56

Tgt Ion: 84 Resp: 13336
Ion Ratio Lower Upper
84 100
49 114.2 77.2 115.8
51 36.0 24.1 36.1
86 69.6 51.7 77.5





#25

2-Butanone

Concen: 3.152 ug/l

RT: 7.069 min Scan# 91

Delta R.T. -0.012 min

Lab File: VD075065.D

Acq: 28 Dec 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

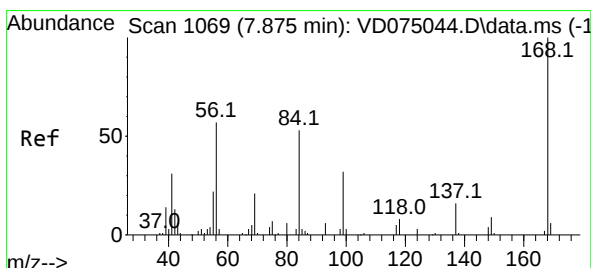
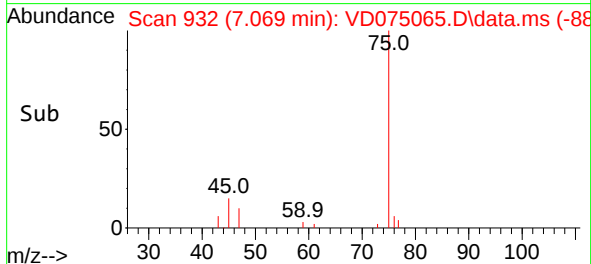
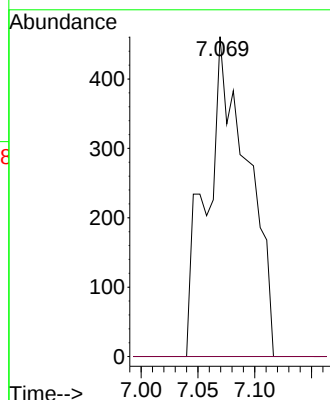
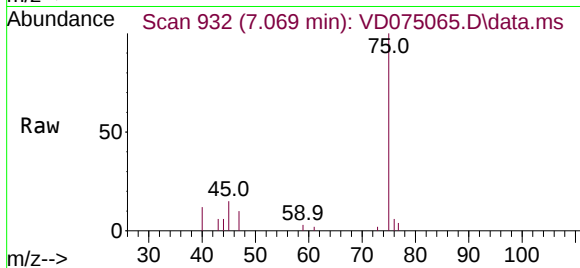
TP-1

Tgt Ion: 43 Resp: 1157

Ion Ratio Lower Upper

43 100

72 0.0 28.4 42.6#



#31

Cyclohexane

Concen: Below Cal

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD075065.D

Acq: 28 Dec 2022 14:56

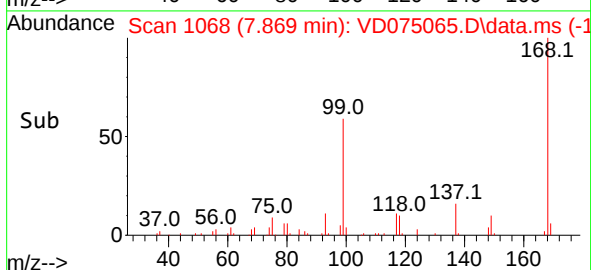
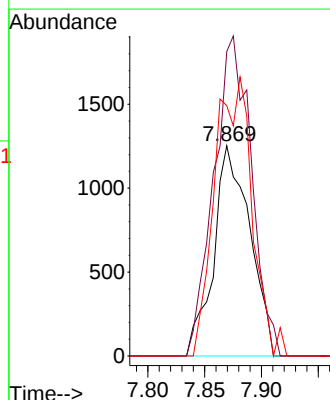
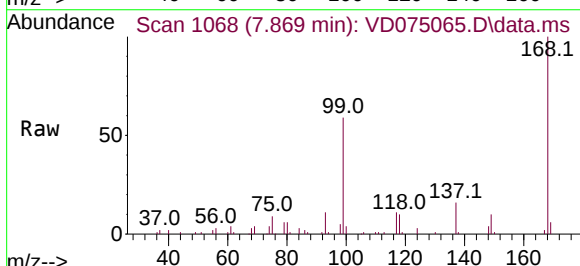
Tgt Ion: 56 Resp: 2766

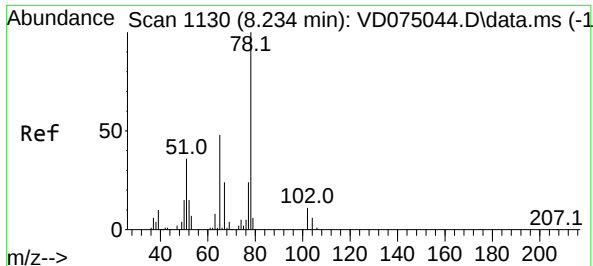
Ion Ratio Lower Upper

56 100

69 144.9 29.4 44.2#

84 119.0 81.8 122.8





#33

1,2-Dichloroethane-d4

Concen: 69.753 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD075065.D

Acq: 28 Dec 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

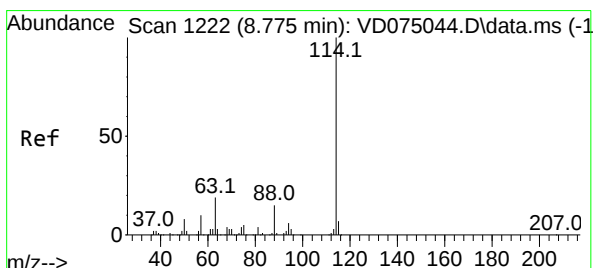
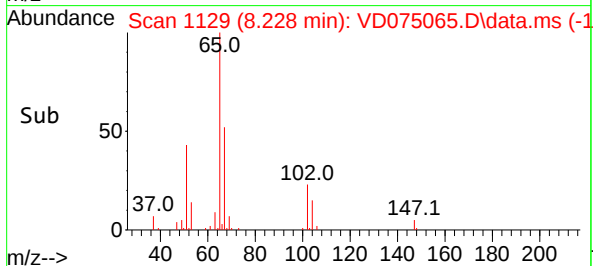
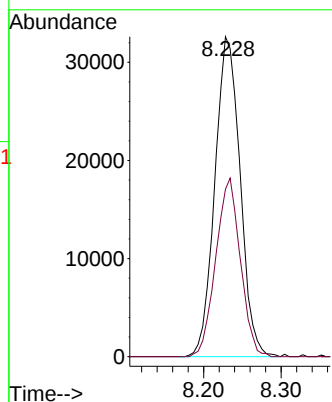
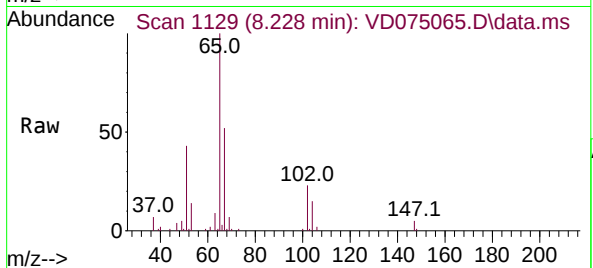
TP-1

Tgt Ion: 65 Resp: 73870

Ion Ratio Lower Upper

65 100

67 54.3 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: VD075065.D

Acq: 28 Dec 2022 14:56

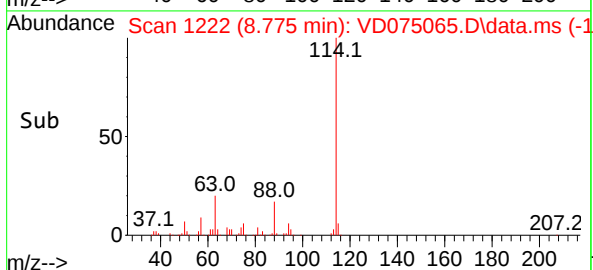
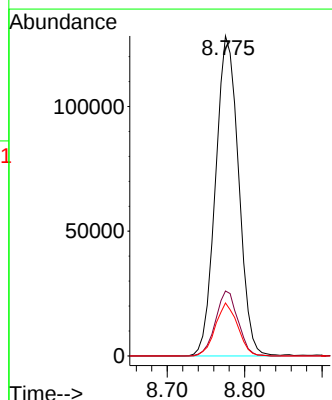
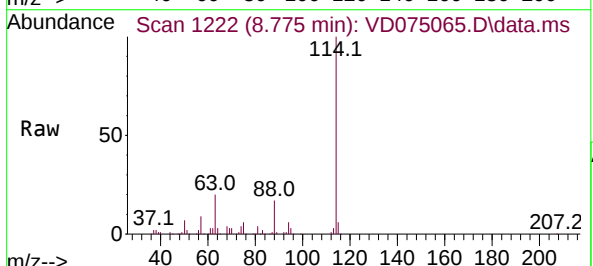
Tgt Ion: 114 Resp: 265664

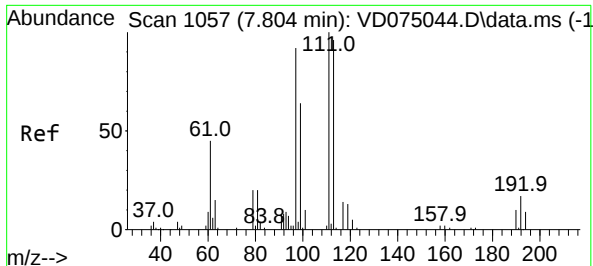
Ion Ratio Lower Upper

114 100

63 20.3 0.0 33.8

88 16.6 0.0 27.8

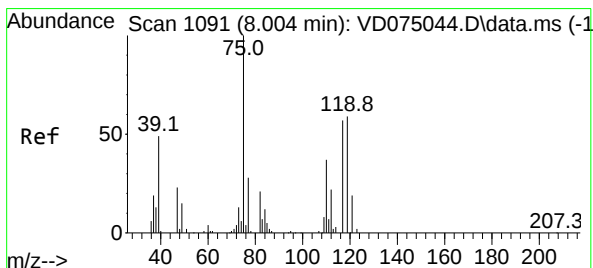
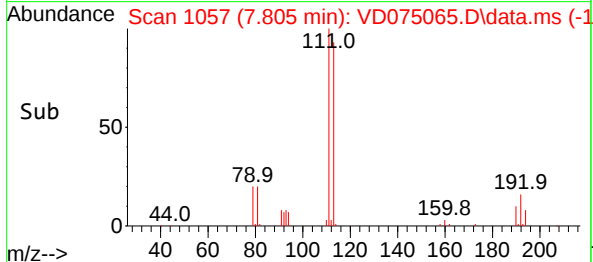
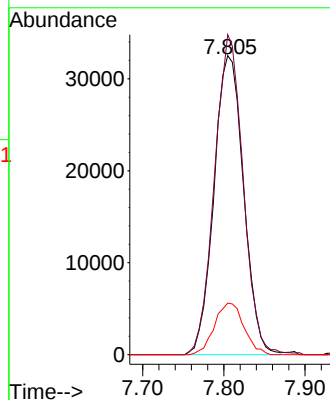
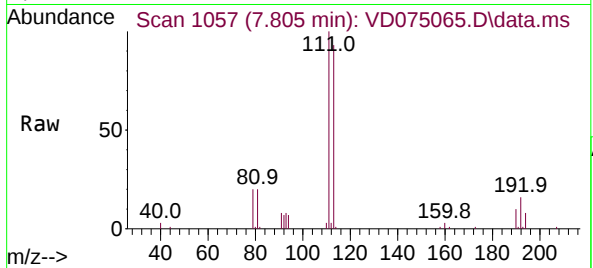




#35
 Dibromofluoromethane
 Concen: 52.668 ug/l
 RT: 7.805 min Scan# 1070
 Delta R.T. -0.000 min
 Lab File: VD075065.D
 Acq: 28 Dec 2022 14:56

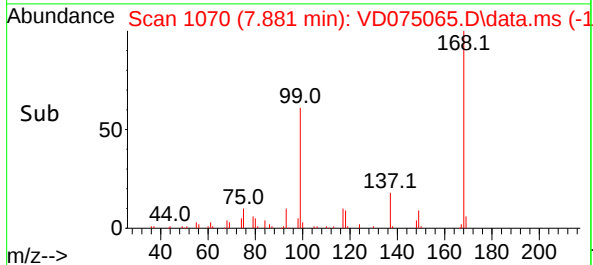
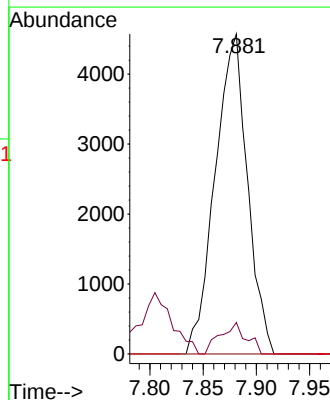
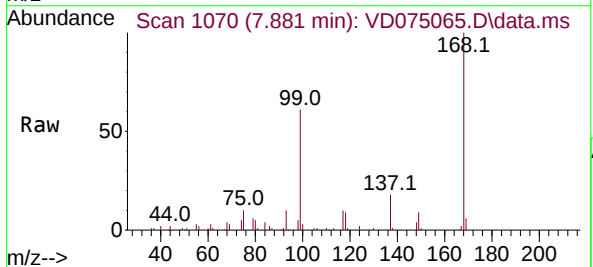
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

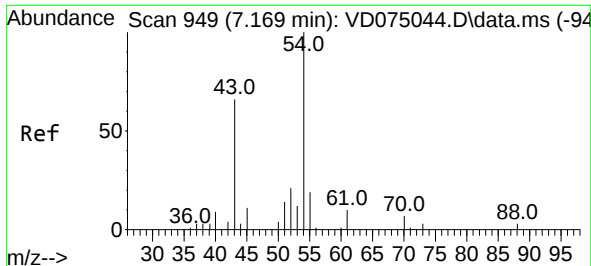
Tgt Ion:113	Resp:	82334
Ion	Ratio	Lower Upper
113	100	
111	103.7	82.1 123.1
192	17.2	15.1 22.7



#36
 1,1-Dichloropropene
 Concen: 4.773 ug/l
 RT: 7.881 min Scan# 1070
 Delta R.T. -0.129 min
 Lab File: VD075065.D
 Acq: 28 Dec 2022 14:56

Tgt Ion: 75	Resp:	9637
Ion	Ratio	Lower Upper
75	100	
110	7.9	19.0 57.0#
77	0.0	25.2 37.8#





#37

Ethyl Acetate

Concen: 1.134 ug/l

RT: 7.069 min Scan# 91

Delta R.T. -0.100 min

Lab File: VD075065.D

Acq: 28 Dec 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

TP-1

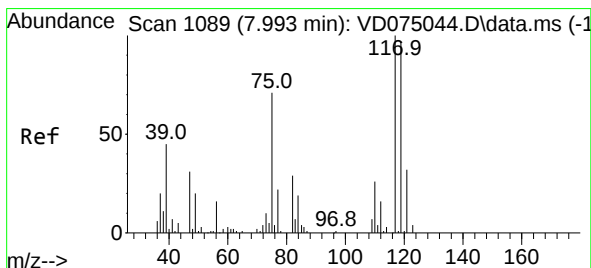
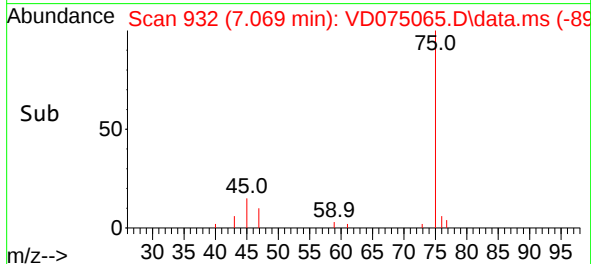
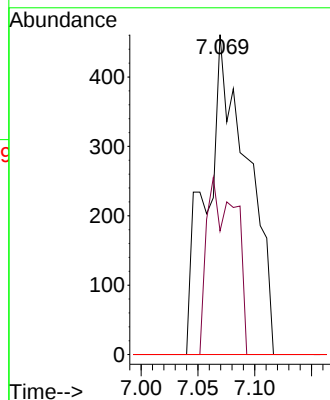
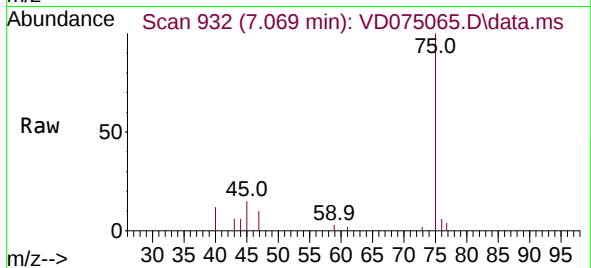
Tgt Ion: 43 Resp: 1157

Ion Ratio Lower Upper

43 100

61 19.2 12.8 19.2

70 0.0 10.2 15.4#



#38

Carbon Tetrachloride

Concen: 6.458 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075065.D

Acq: 28 Dec 2022 14:56

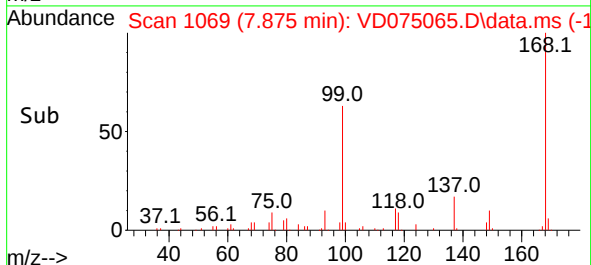
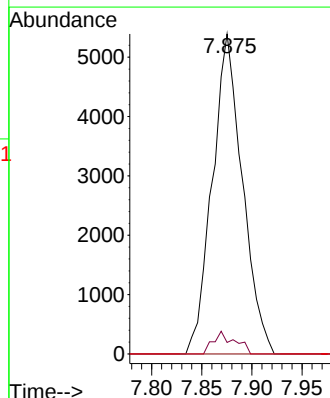
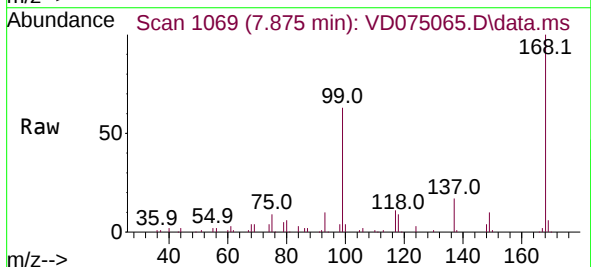
Tgt Ion: 117 Resp: 11275

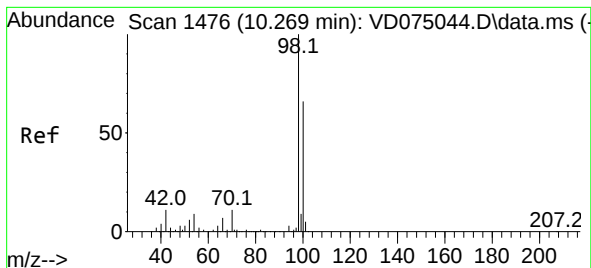
Ion Ratio Lower Upper

117 100

119 3.6 75.8 113.6#

121 0.0 25.4 38.0#

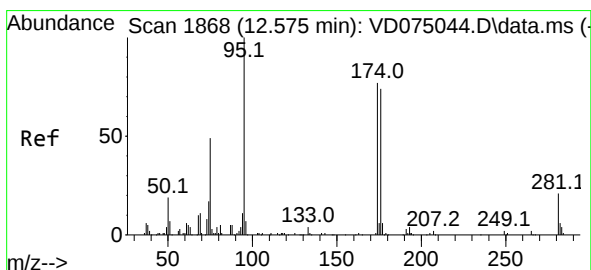
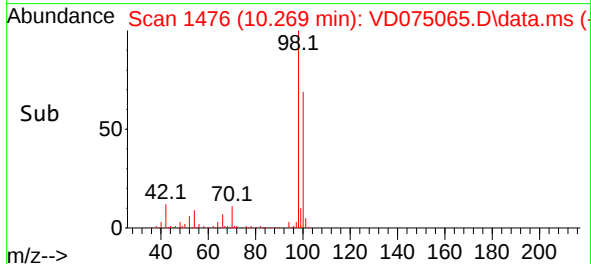
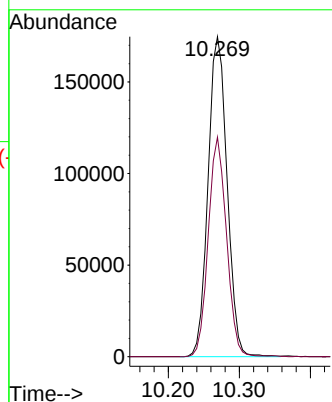
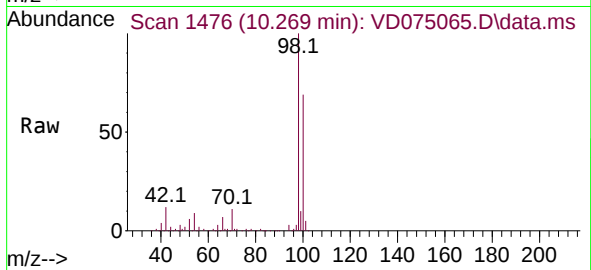




#50
Toluene-d8
Concen: 51.518 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075065.D
Acq: 28 Dec 2022 14:56

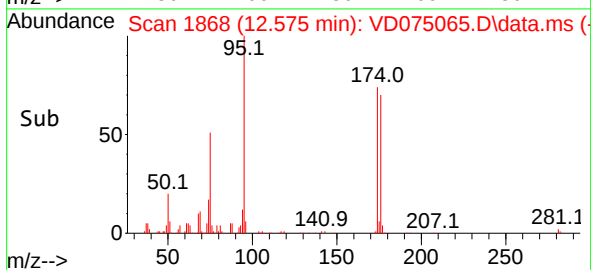
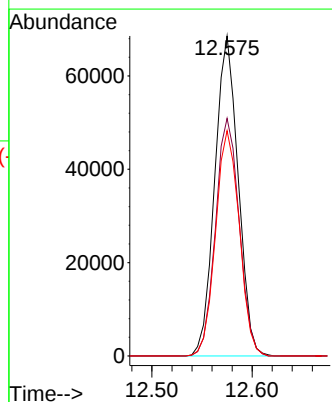
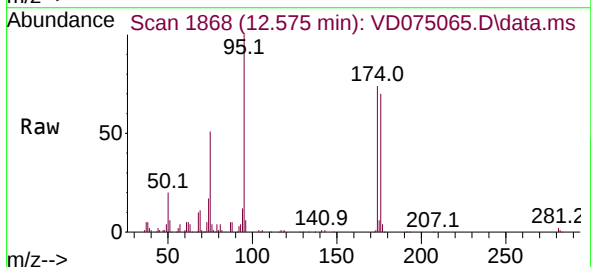
Instrument :
MSVOA_D
ClientSampleId :
TP-1

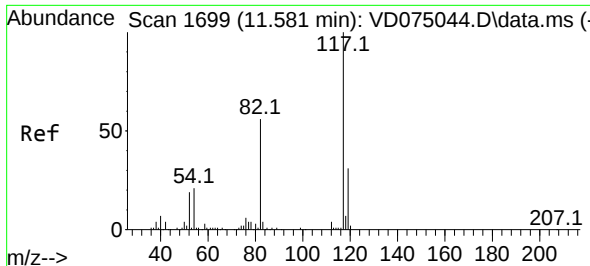
Tgt Ion: 98 Resp: 325413
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 54.214 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075065.D
Acq: 28 Dec 2022 14:56

Tgt Ion: 95 Resp: 110937
Ion Ratio Lower Upper
95 100
174 75.3 0.0 171.2
176 71.4 0.0 165.0

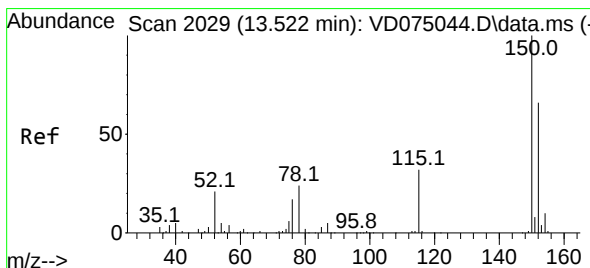
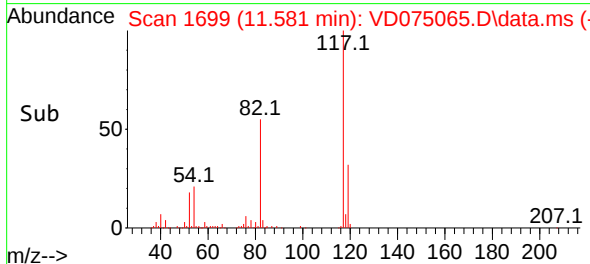
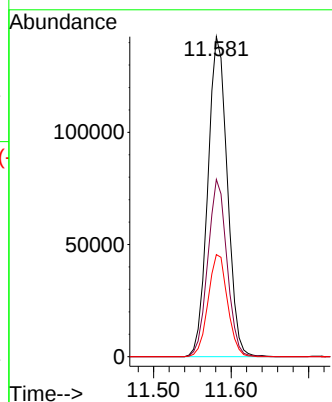
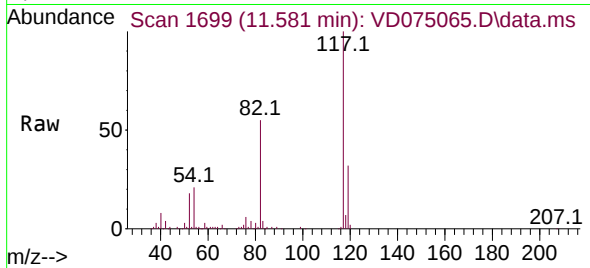




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075065.D
Acq: 28 Dec 2022 14:56

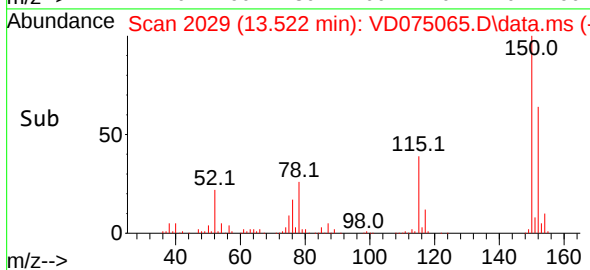
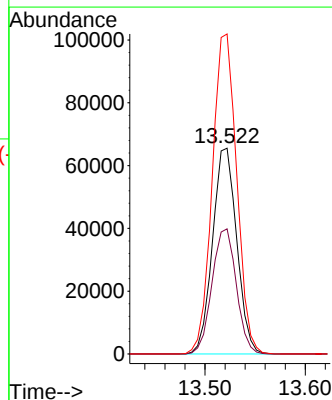
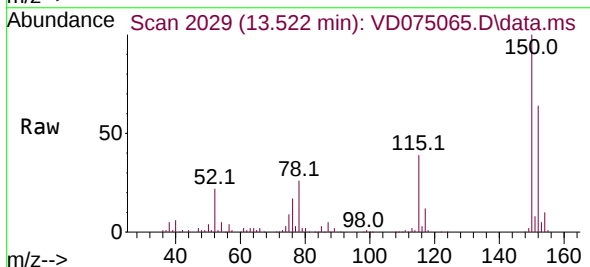
Instrument :
MSVOA_D
ClientSampleId :
TP-1

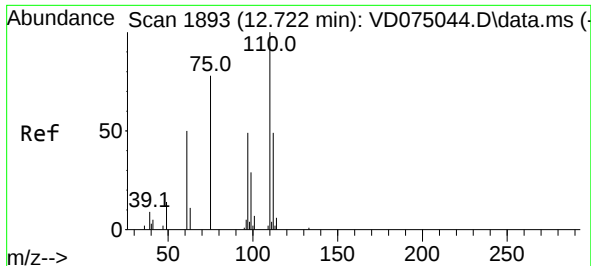
Tgt Ion:117 Resp: 249358
Ion Ratio Lower Upper
117 100
82 55.4 40.9 61.3
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD075065.D
Acq: 28 Dec 2022 14:56

Tgt Ion:152 Resp: 109835
Ion Ratio Lower Upper
152 100
115 61.0 28.8 86.5
150 156.9 0.0 354.2

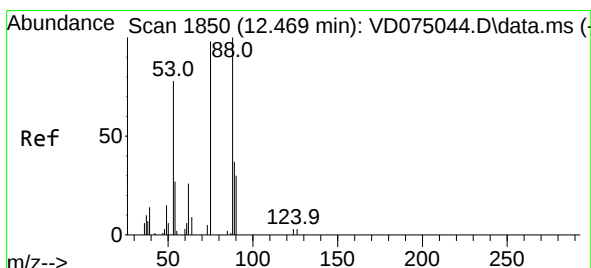
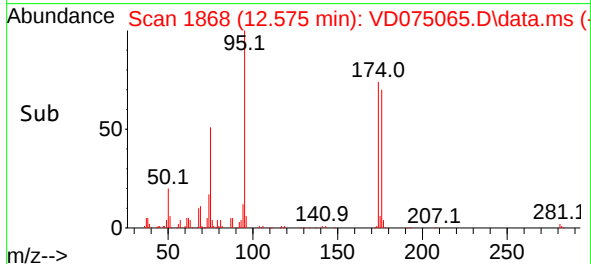
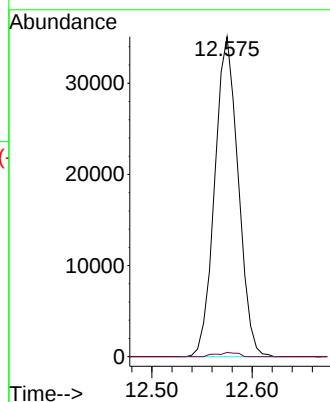
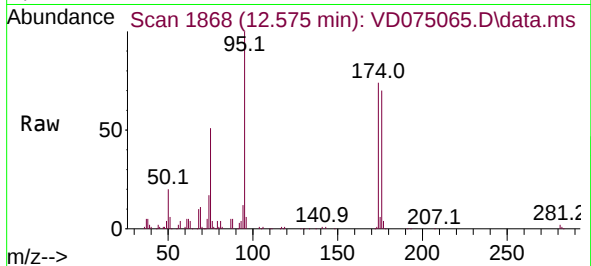




#76
1,2,3-Trichloropropane
Concen: 50.683 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD075065.D
Acq: 28 Dec 2022 14:56

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion: 75 Resp: 57079
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.466 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075065.D
Acq: 28 Dec 2022 14:56

Tgt Ion: 75 Resp: 57079
Ion Ratio Lower Upper
75 100
53 0.0 60.0 90.0#
89 0.0 37.4 56.0#

