

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075639.D
 Acq On : 12 Apr 2023 14:49
 Operator : KP/SY
 Sample : 02260-06
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1B

Quant Time: Apr 13 07:27:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

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

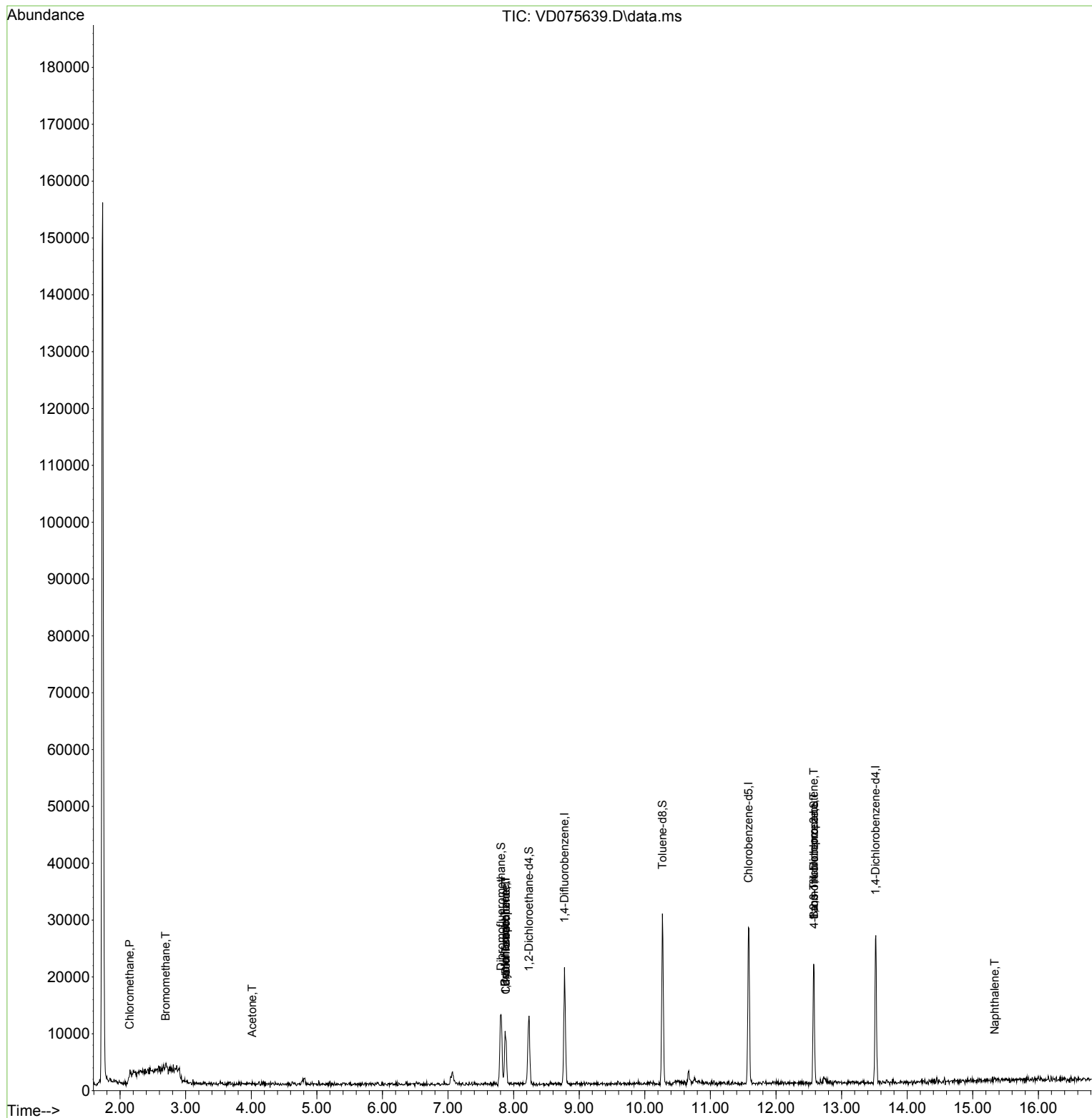
Internal Standards						
1) Pentafluorobenzene	7.869	168	8456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	18727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	19662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	8215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	10036	144.676	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 289.360%#			
35) Dibromofluoromethane	7.810	113	9596	87.434	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 174.860%#			
50) Toluene-d8	10.269	98	21948	50.984	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.960%			
62) 4-Bromofluorobenzene	12.581	95	6902	54.499	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.000%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	242	2.329	ug/l #	40
5) Bromomethane	2.693	94	496	4.283	ug/l #	34
16) Acetone	4.017	43	59	4.668	ug/l #	44
20) Methylene Chloride	4.799	84	802	Below Cal	#	23
31) Cyclohexane	7.869	56	138	1.367	ug/l #	7
36) 1,1-Dichloropropene	7.881	75	421	3.004	ug/l #	42
38) Carbon Tetrachloride	7.881	117	718	5.342	ug/l #	13
76) 1,2,3-Trichloropropane	12.575	75	3515	65.814	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	3515	125.303	ug/l #	5
95) Naphthalene	15.334	128	538	2.307	ug/l #	69

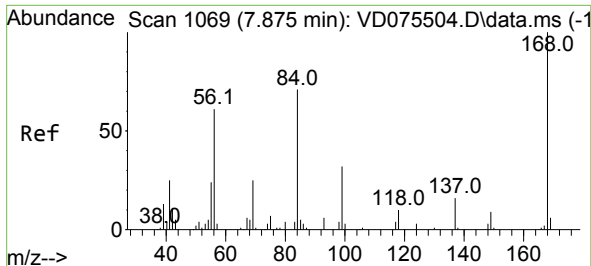
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 12 10:29:09 2023
Response via : Initial Calibration

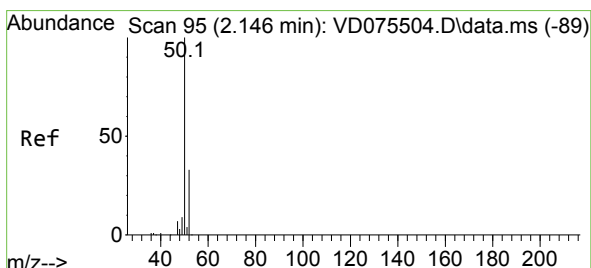
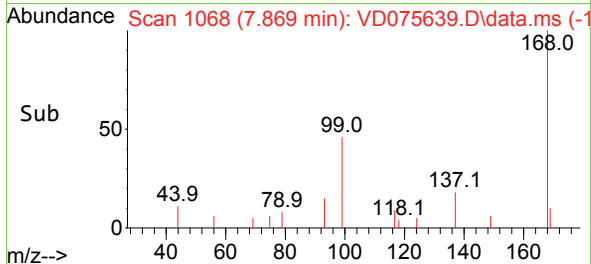
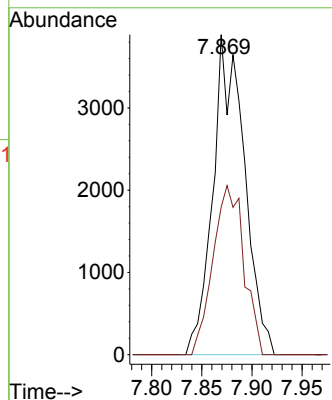
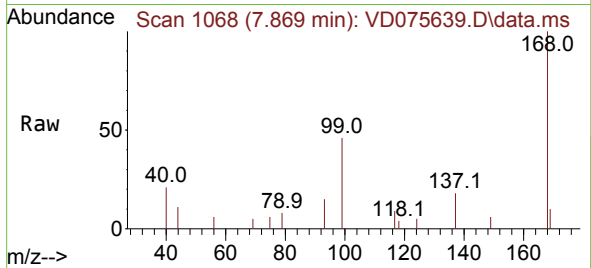




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075639.D
Acq: 12 Apr 2023 14:49

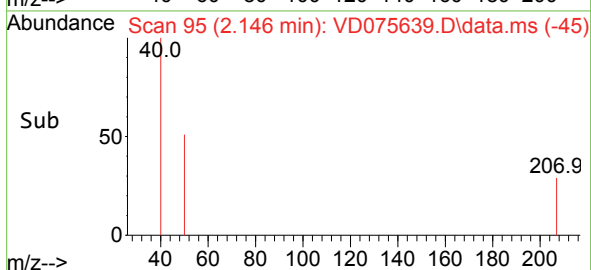
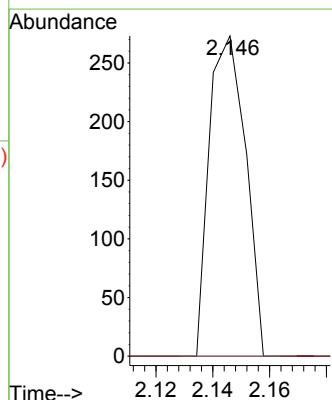
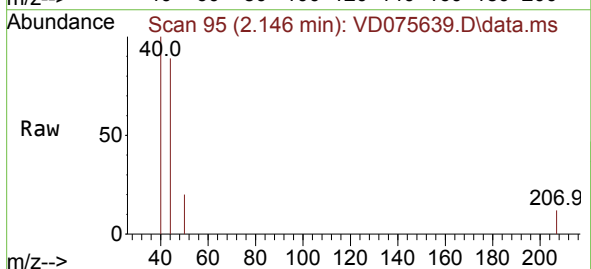
Instrument :
MSVOA_D
ClientSampleId :
SP-1B

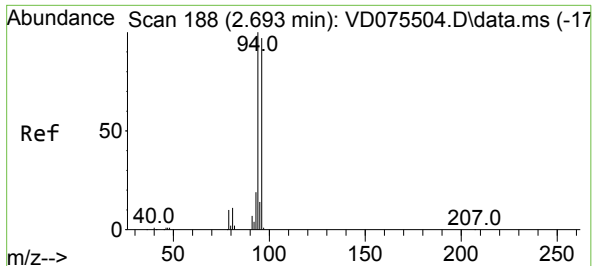
Tgt Ion:168 Resp: 8456
Ion Ratio Lower Upper
168 100
99 46.1 43.8 65.6



#3
Chloromethane
Concen: 2.329 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.006 min
Lab File: VD075639.D
Acq: 12 Apr 2023 14:49

Tgt Ion: 50 Resp: 242
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

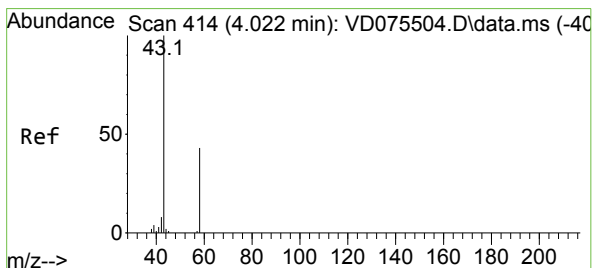
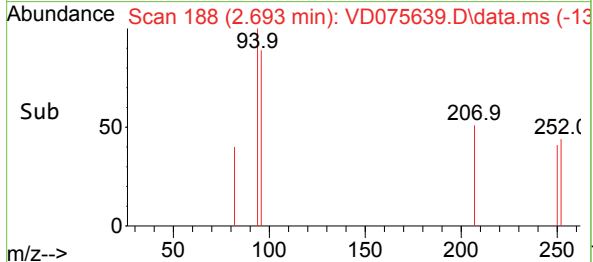
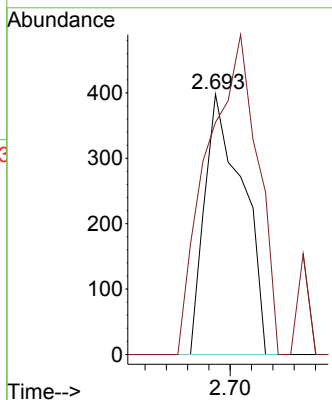
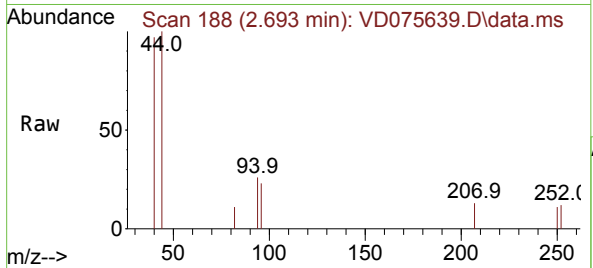




#5
Bromomethane
Concen: 4.283 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075639.D
Acq: 12 Apr 2023 14:49

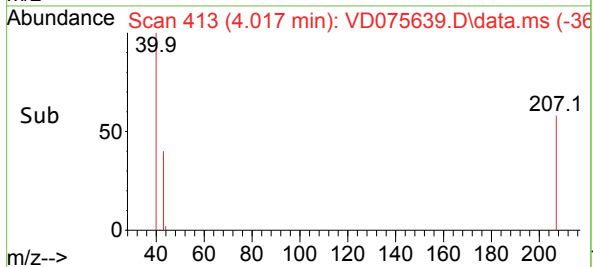
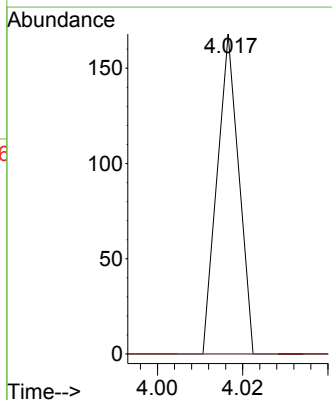
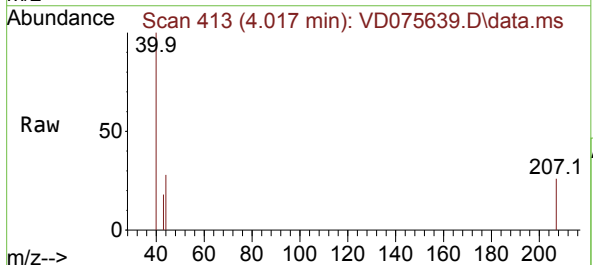
Instrument :
MSVOA_D
ClientSampleId :
SP-1B

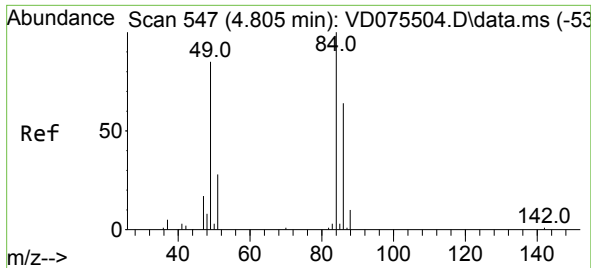
Tgt Ion: 94 Resp: 496
Ion Ratio Lower Upper
94 100
96 161.7 77.5 116.3#



#16
Acetone
Concen: 4.668 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD075639.D
Acq: 12 Apr 2023 14:49

Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

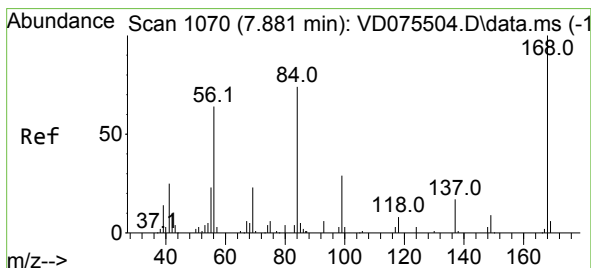
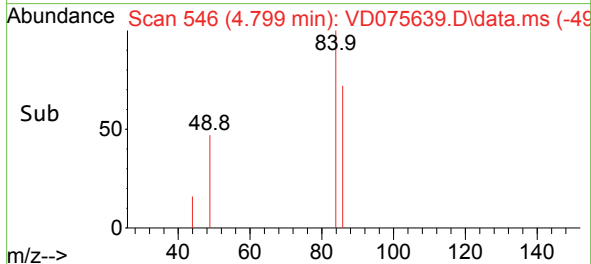
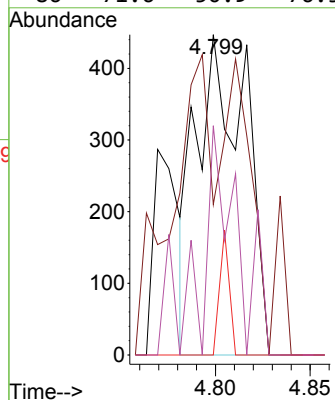
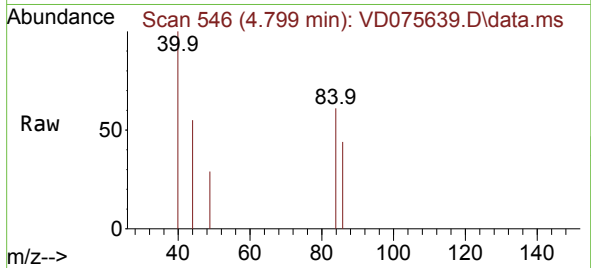




#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD075639.D
Acq: 12 Apr 2023 14:49

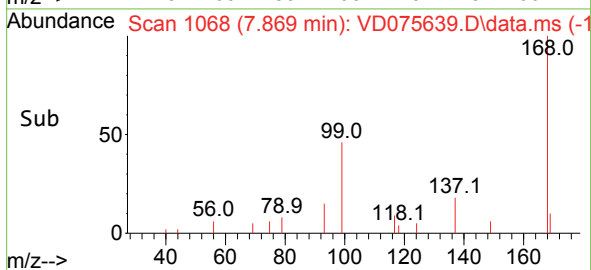
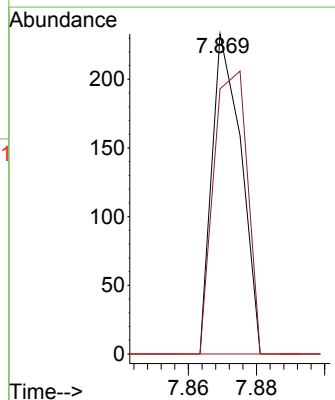
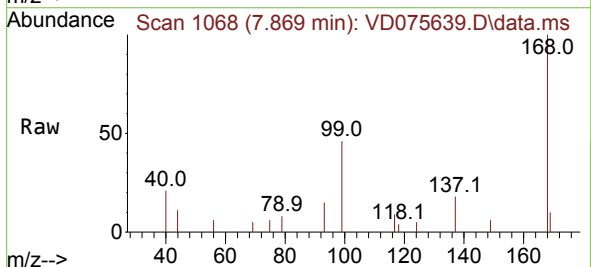
Instrument :
MSVOA_D
ClientSampleId :
SP-1B

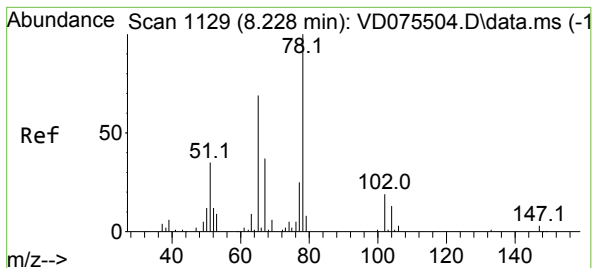
Tgt Ion:	84	Resp:	802
Ion	Ratio	Lower	Upper
84	100		
49	0.0	106.4	159.6#
51	0.0	32.4	48.6#
86	71.6	50.9	76.3



#31
Cyclohexane
Concen: 1.367 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD075639.D
Acq: 12 Apr 2023 14:49

Tgt Ion:	56	Resp:	138
Ion	Ratio	Lower	Upper
56	100		
69	82.8	25.5	38.3#
84	0.0	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 144.676 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075639.D

Acq: 12 Apr 2023 14:49

Instrument :

MSVOA_D

ClientSampleId :

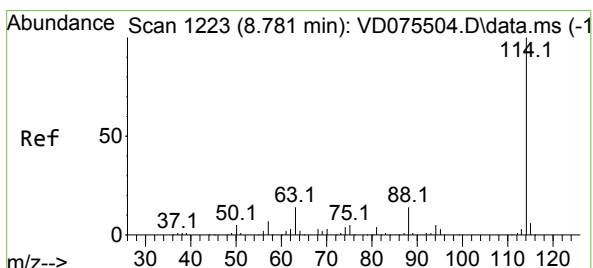
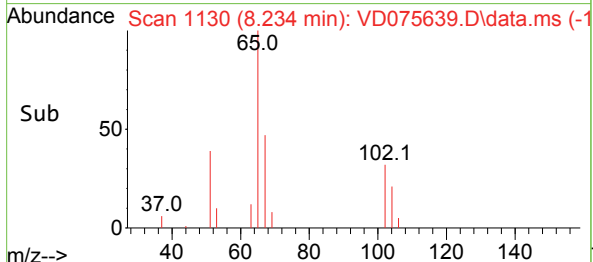
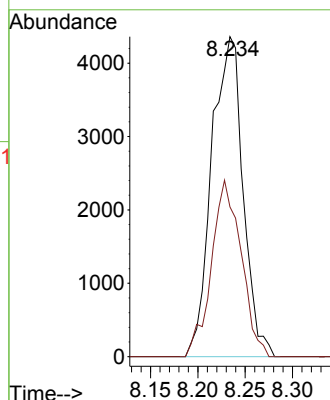
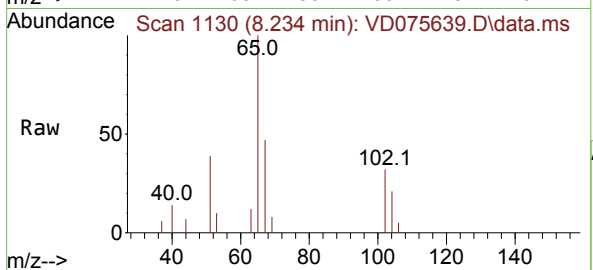
SP-1B

Tgt Ion: 65 Resp: 10036

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075639.D

Acq: 12 Apr 2023 14:49

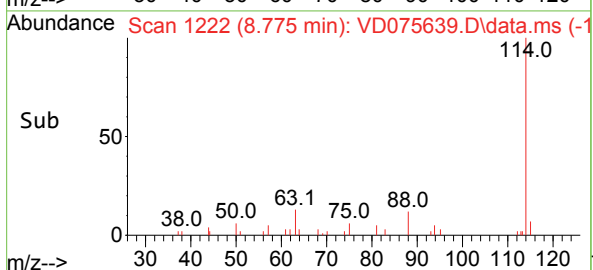
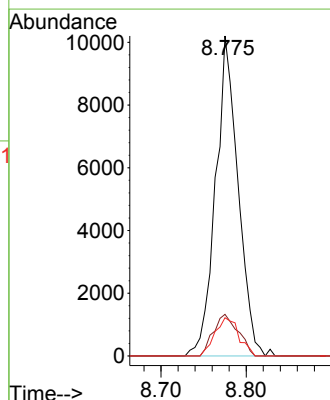
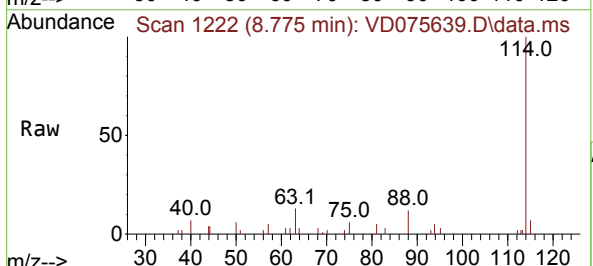
Tgt Ion: 114 Resp: 18727

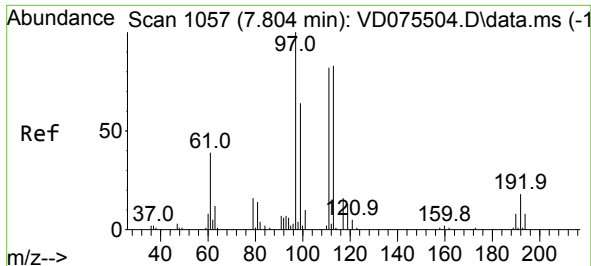
Ion Ratio Lower Upper

114 100

63 13.0 0.0 41.6

88 12.0 0.0 30.6

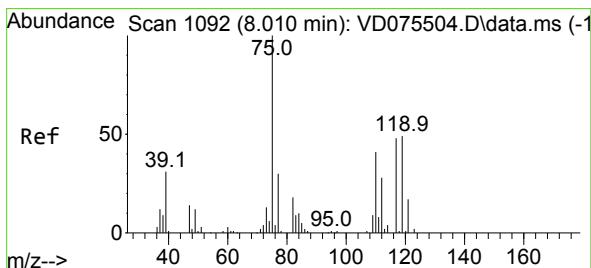
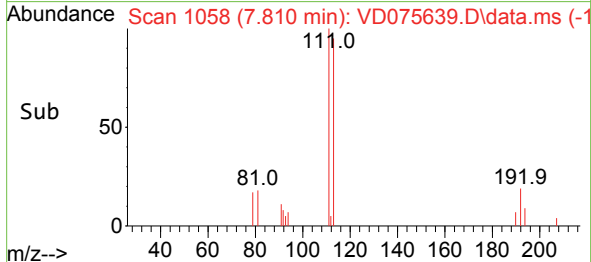
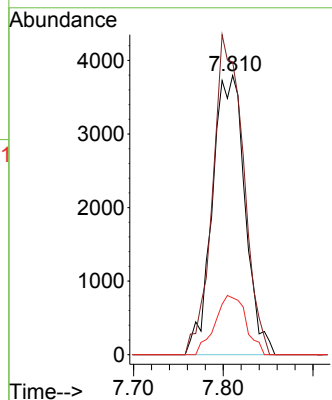
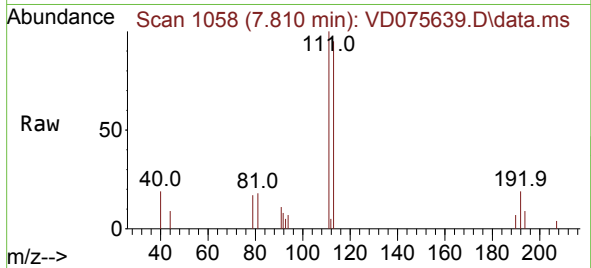




#35
Dibromofluoromethane
Concen: 87.434 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VD075639.D
Acq: 12 Apr 2023 14:49

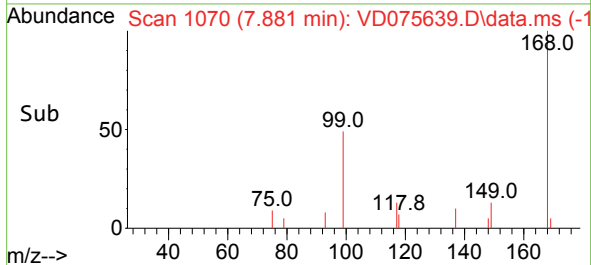
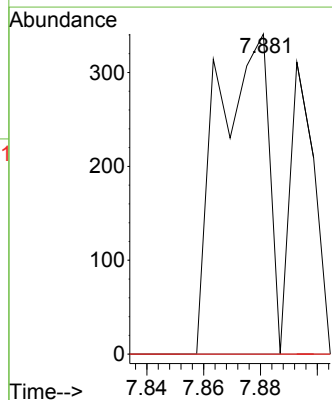
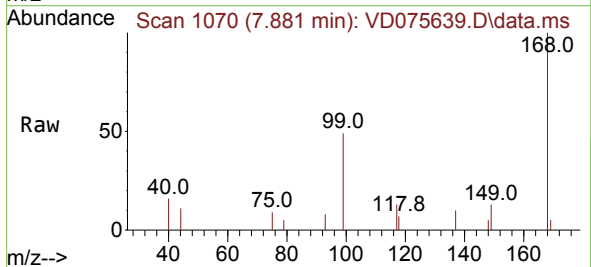
Instrument :
MSVOA_D
ClientSampleId :
SP-1B

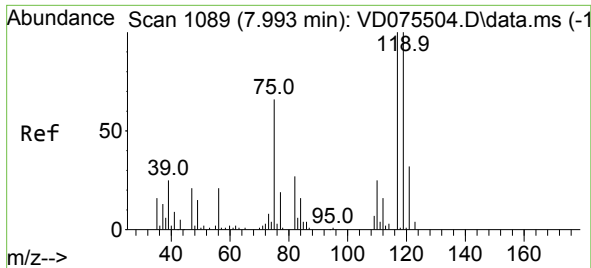
Tgt Ion:113 Resp: 9596
Ion Ratio Lower Upper
113 100
111 107.6 81.4 122.0
192 20.0 15.2 22.8



#36
1,1-Dichloropropene
Concen: 3.004 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.124 min
Lab File: VD075639.D
Acq: 12 Apr 2023 14:49

Tgt Ion: 75 Resp: 421
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.6 36.8#

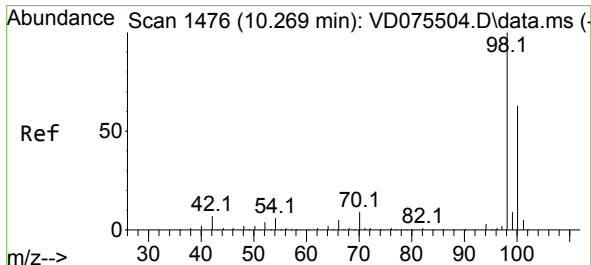
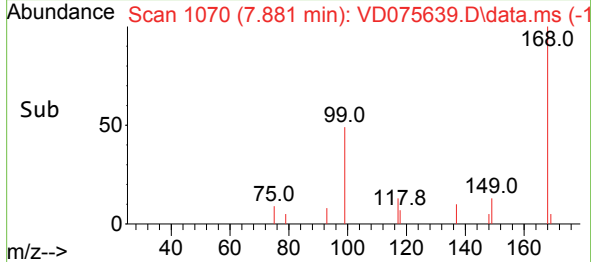
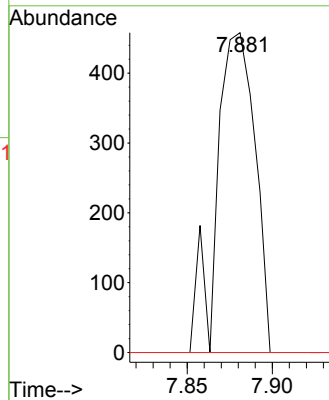
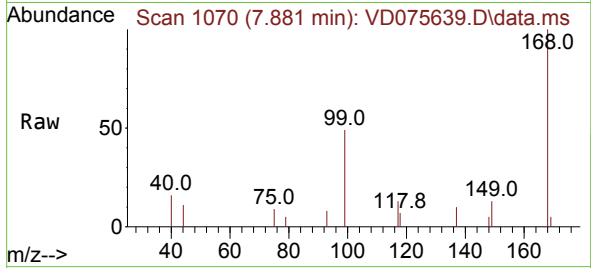




#38
Carbon Tetrachloride
Concen: 5.342 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD075639.D
Acq: 12 Apr 2023 14:49

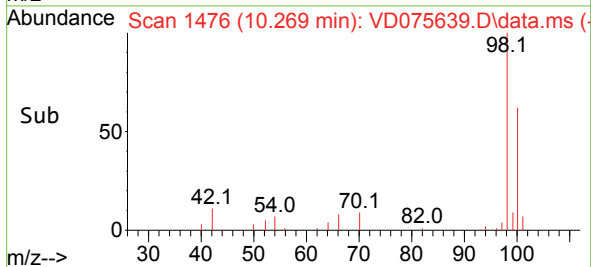
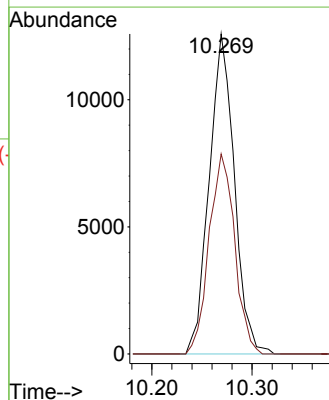
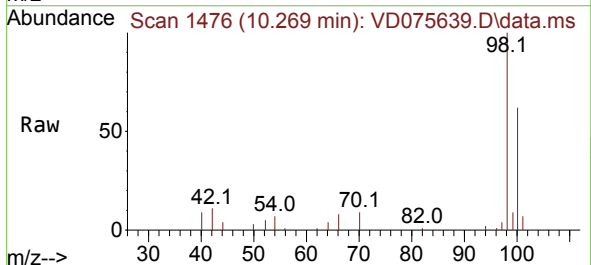
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ClientSampleId :
SP-1B

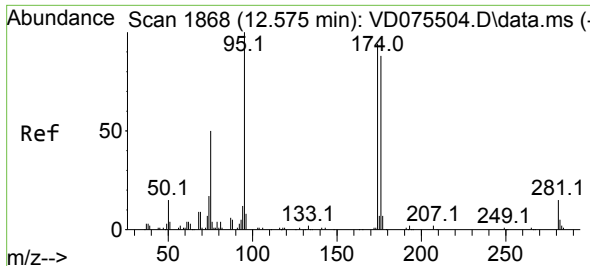
Tgt Ion:117 Resp: 718
Ion Ratio Lower Upper
117 100
119 0.0 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 50.984 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075639.D
Acq: 12 Apr 2023 14:49

Tgt Ion: 98 Resp: 21948
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1

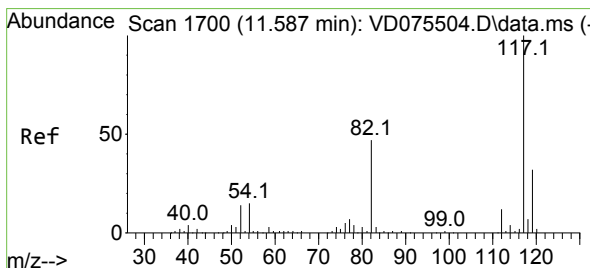
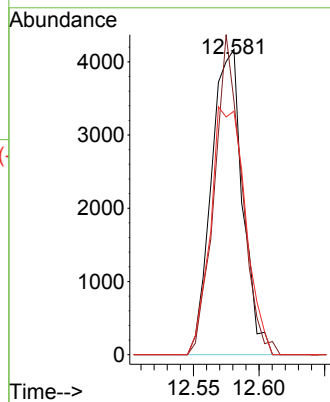
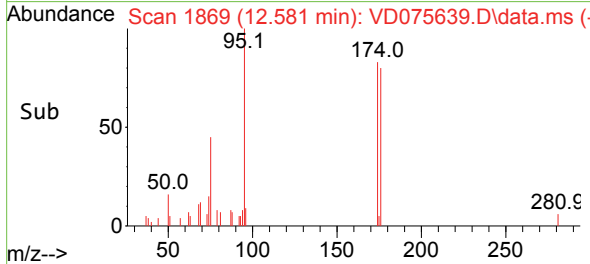
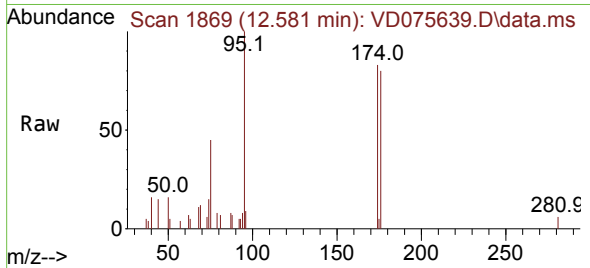




#62
4-Bromofluorobenzene
Concen: 54.499 ug/l
RT: 12.581 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VD075639.D
Acq: 12 Apr 2023 14:49

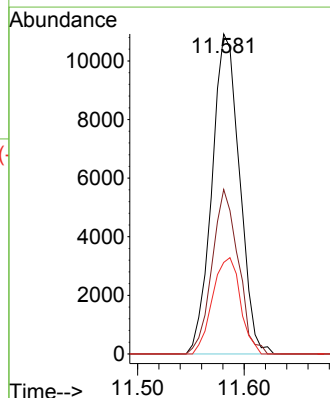
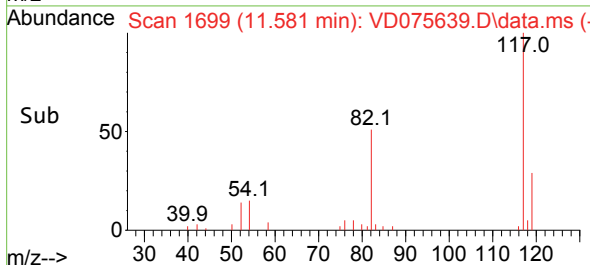
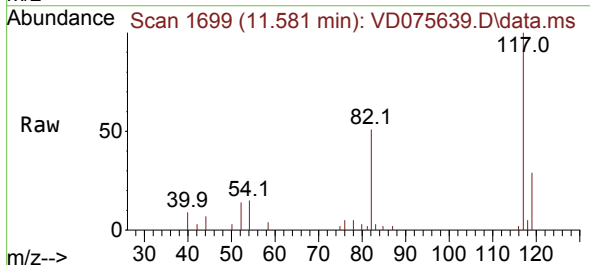
Instrument :
MSVOA_D
ClientSampleId :
SP-1B

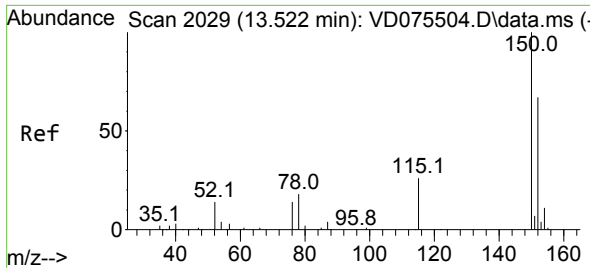
Tgt Ion:	95	Resp:	6902
Ion Ratio	Lower	Upper	
95	100		
174	91.7	0.0	164.0
176	90.6	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075639.D
Acq: 12 Apr 2023 14:49

Tgt Ion:	117	Resp:	19662
Ion Ratio	Lower	Upper	
117	100		
82	51.4	44.0	66.0
119	28.6	25.1	37.7

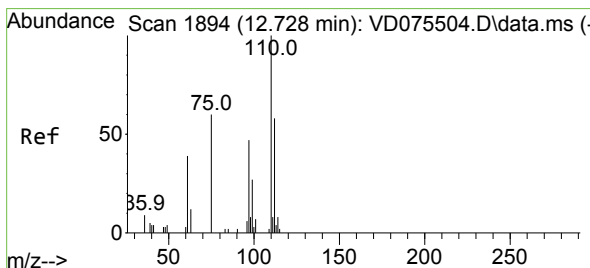
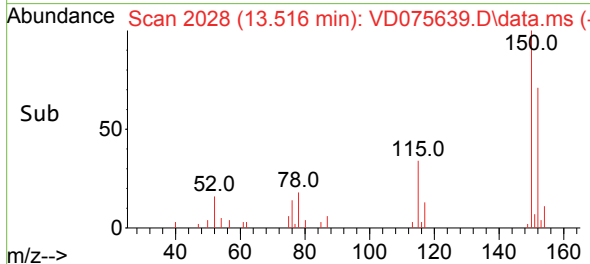
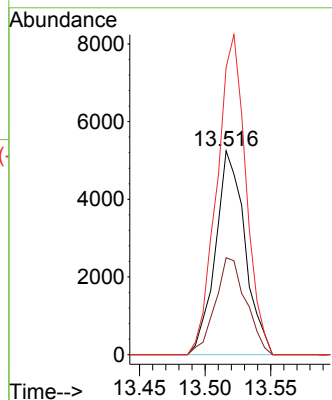
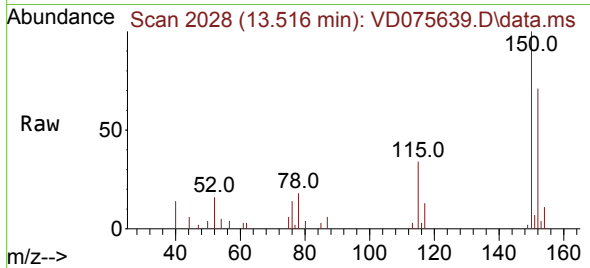




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD075639.D
 Acq: 12 Apr 2023 14:49

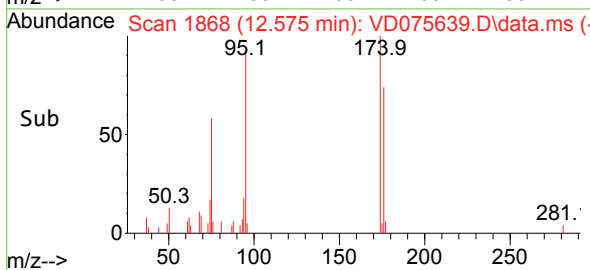
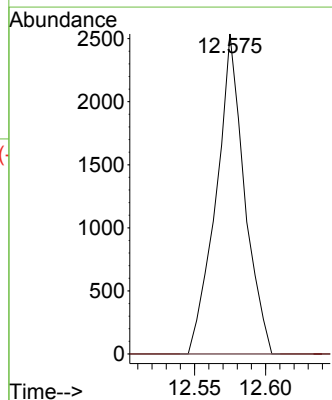
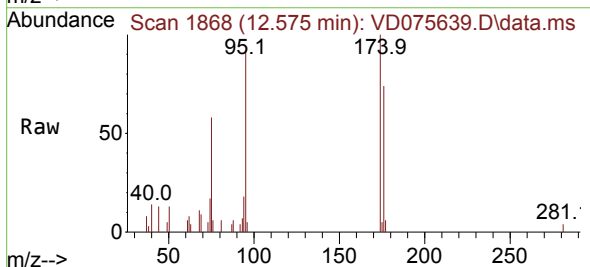
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1B

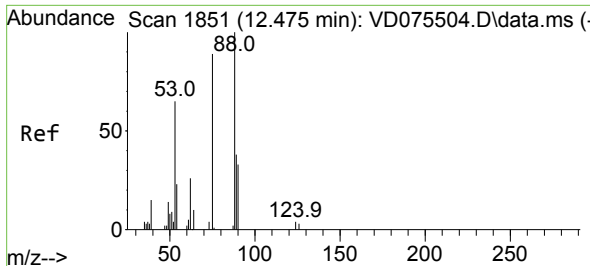
Tgt Ion:152 Resp: 8215
 Ion Ratio Lower Upper
 152 100
 115 49.7 30.1 90.3
 150 154.8 0.0 364.8



#76
 1,2,3-Trichloropropane
 Concen: 65.814 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075639.D
 Acq: 12 Apr 2023 14:49

Tgt Ion: 75 Resp: 3515
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

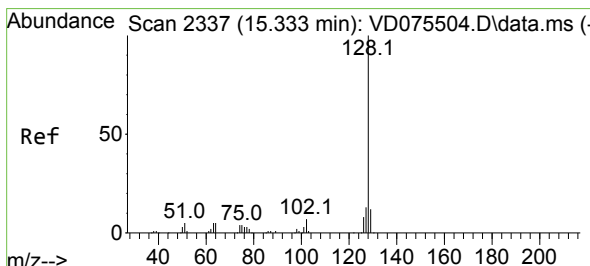
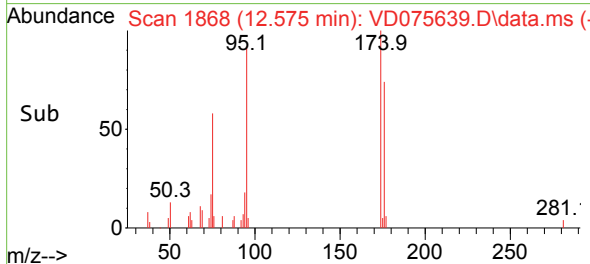
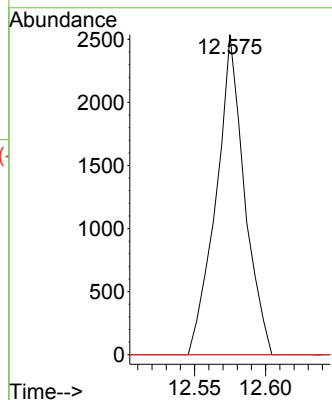
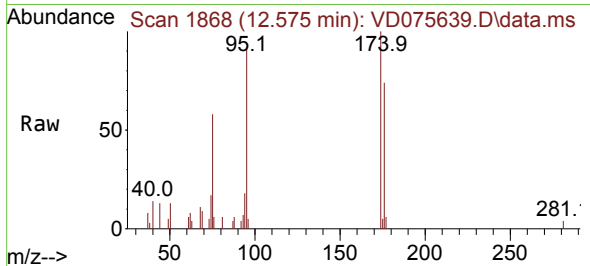




#81
trans-1,4-Dichloro-2-butene
Concen: 125.303 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075639.D
Acq: 12 Apr 2023 14:49

Instrument :
MSVOA_D
ClientSampleId :
SP-1B

Tgt Ion: 75 Resp: 3515
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#



#95
Naphthalene
Concen: 2.307 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.005 min
Lab File: VD075639.D
Acq: 12 Apr 2023 14:49

Tgt Ion: 128 Resp: 538
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

