

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030823\
 Data File : VD075472.D
 Acq On : 08 Mar 2023 16:32
 Operator : KP/SY
 Sample : 01833-07
 Misc : 5.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 11

Quant Time: Mar 09 02:16:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 08 12:19:57 2023
 Response via : Initial Calibration

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

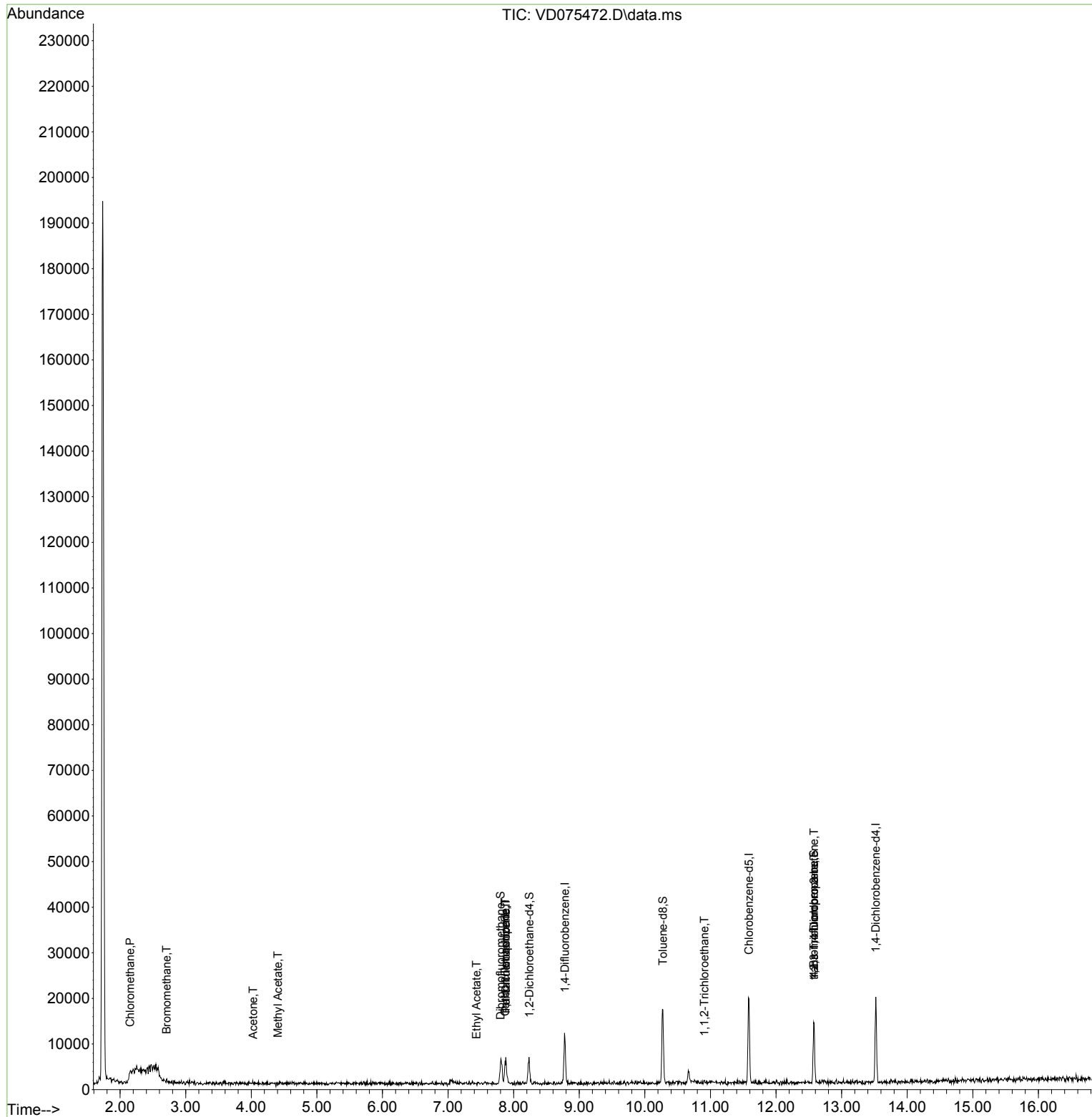
Internal Standards						
1) Pentafluorobenzene	7.881	168	5455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	10396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	13087	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	5846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	4078	124.963	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 249.920%#	
35) Dibromofluoromethane	7.798	113	2343	38.895	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 77.780%	
50) Toluene-d8	10.275	98	13603	62.363	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 124.720%	
62) 4-Bromofluorobenzene	12.575	95	4719	71.542	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 143.080%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	548	1.852	ug/l #	40
5) Bromomethane	2.710	94	175	1.683	ug/l	87
16) Acetone	4.028	43	185	21.054	ug/l #	44
18) Methyl Acetate	4.404	43	81	3.070	ug/l #	54
20) Methylene Chloride	4.810	84	163	Below Cal	#	4
36) 1,1-Dichloropropene	7.881	75	278	2.733	ug/l #	42
37) Ethyl Acetate	7.434	43	73	2.783	ug/l #	80
38) Carbon Tetrachloride	7.869	117	365	3.874	ug/l #	13
55) 1,1,2-Trichloroethane	10.910	97	61	1.111	ug/l #	13
76) 1,2,3-Trichloropropane	12.581	75	2189	47.265	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.581	75	2189	98.053	ug/l #	5

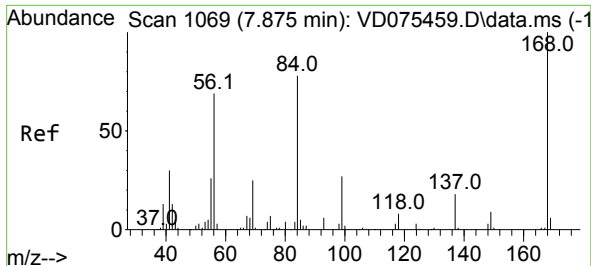
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 09 02:16:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030723S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 08 12:19:57 2023
Response via : Initial Calibration

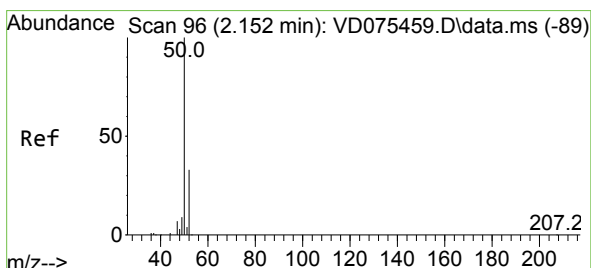
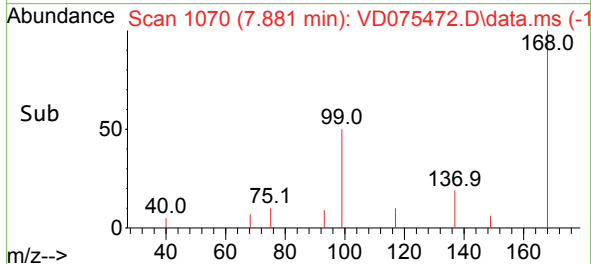
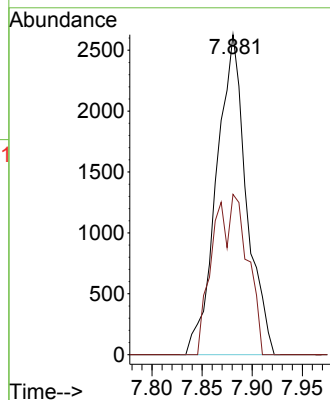
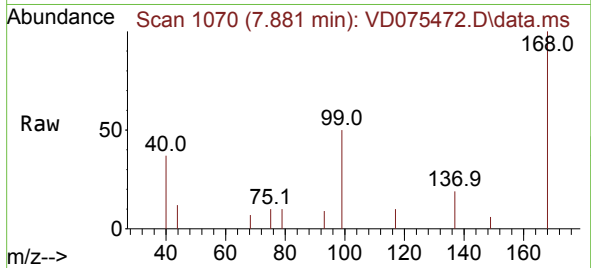




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075472.D
Acq: 08 Mar 2023 16:32

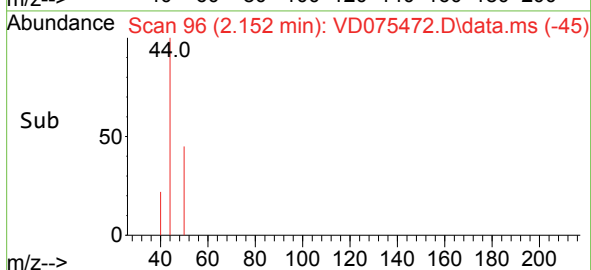
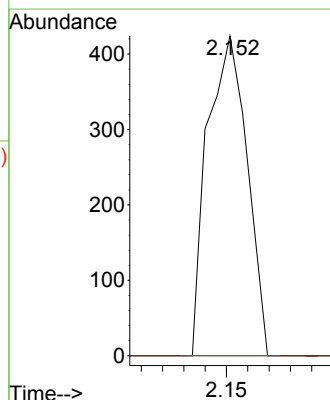
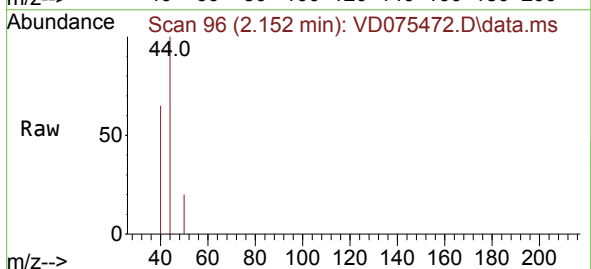
Instrument :
MSVOA_D
ClientSampleId :
11

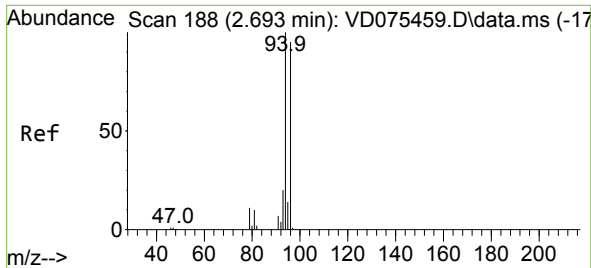
Tgt Ion:168 Resp: 5455
Ion Ratio Lower Upper
168 100
99 50.1 43.8 65.6



#3
Chloromethane
Concen: 1.852 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD075472.D
Acq: 08 Mar 2023 16:32

Tgt Ion: 50 Resp: 548
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

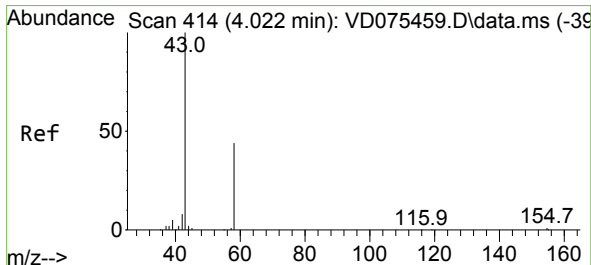
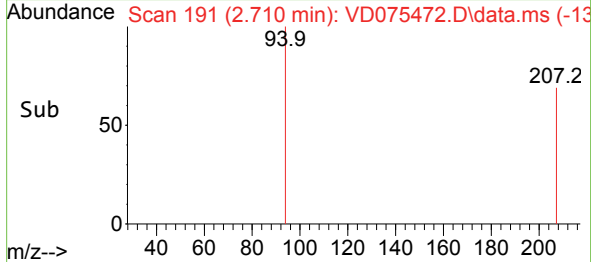
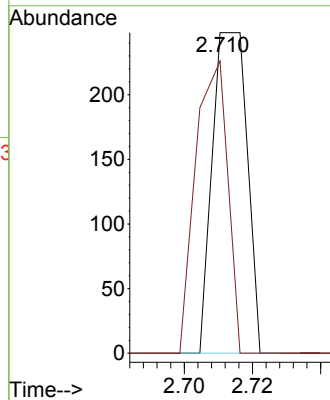
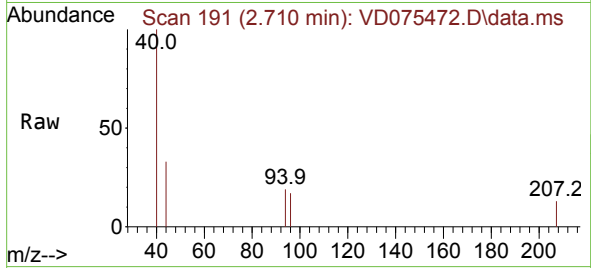




#5
Bromomethane
Concen: 1.683 ug/l
RT: 2.710 min Scan# 191
Delta R.T. 0.017 min
Lab File: VD075472.D
Acq: 08 Mar 2023 16:32

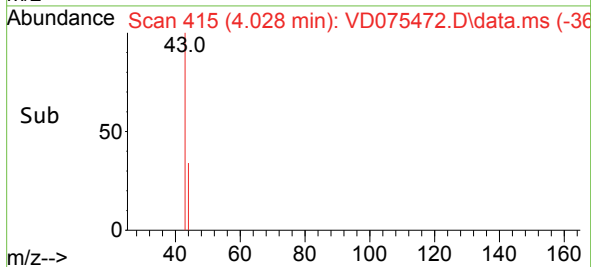
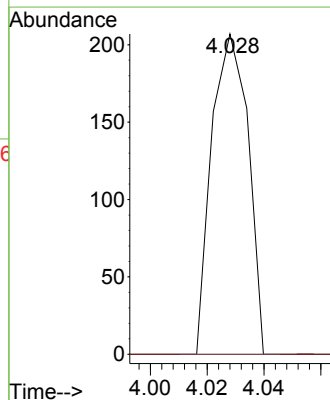
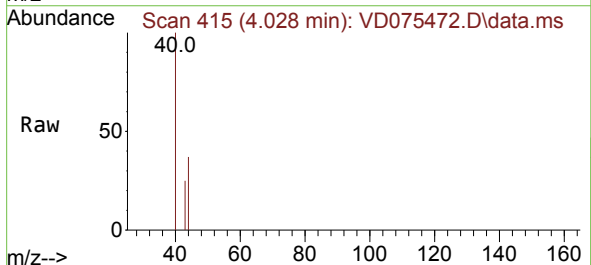
Instrument :
MSVOA_D
ClientSampleId :
11

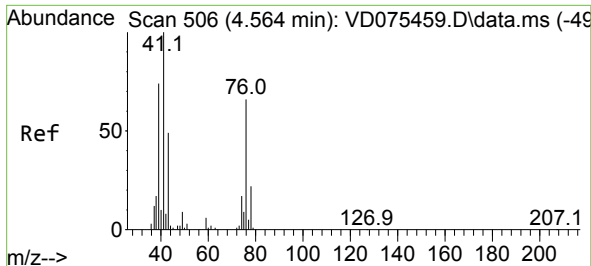
Tgt Ion: 94 Resp: 175
Ion Ratio Lower Upper
94 100
96 84.0 77.5 116.3



#16
Acetone
Concen: 21.054 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075472.D
Acq: 08 Mar 2023 16:32

Tgt Ion: 43 Resp: 185
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

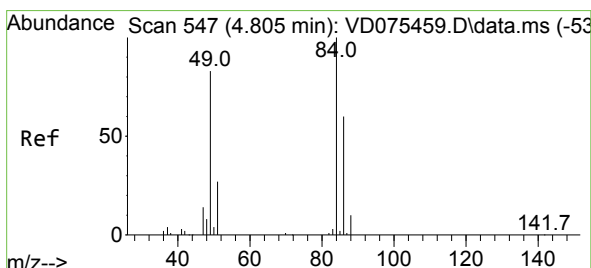
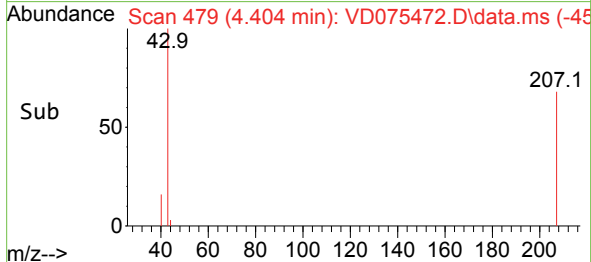
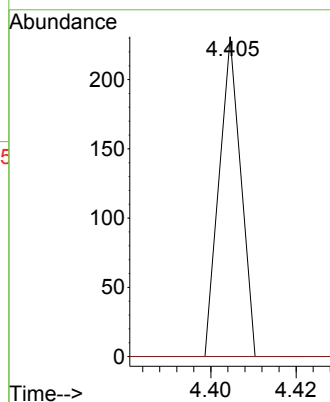
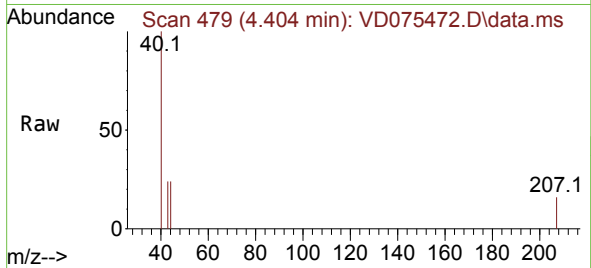




#18
Methyl Acetate
Concen: 3.070 ug/l
RT: 4.404 min Scan# 41
Delta R.T. -0.160 min
Lab File: VD075472.D
Acq: 08 Mar 2023 16:32

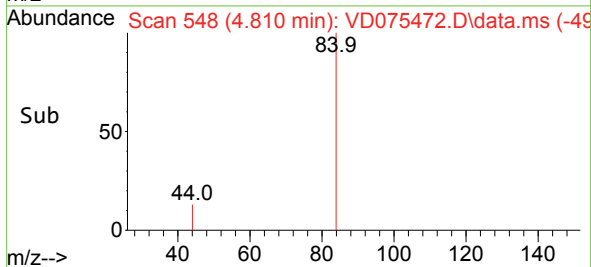
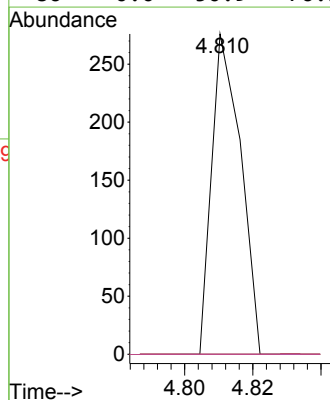
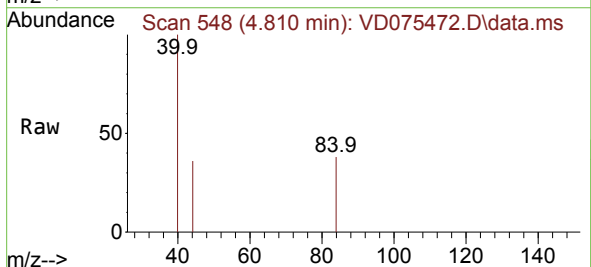
Instrument :
MSVOA_D
ClientSampleId :
11

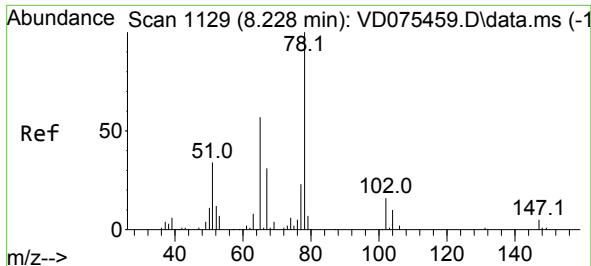
Tgt Ion: 43 Resp: 81
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.810 min Scan# 548
Delta R.T. 0.005 min
Lab File: VD075472.D
Acq: 08 Mar 2023 16:32

Tgt Ion: 84 Resp: 163
Ion Ratio Lower Upper
84 100
49 0.0 106.4 159.6#
51 0.0 32.4 48.6#
86 0.0 50.9 76.3#





#33

1,2-Dichloroethane-d4

Concen: 124.963 ug/l

RT: 8.240 min Scan# 11

Delta R.T. 0.012 min

Lab File: VD075472.D

Acq: 08 Mar 2023 16:32

Instrument :

MSVOA_D

ClientSampleId :

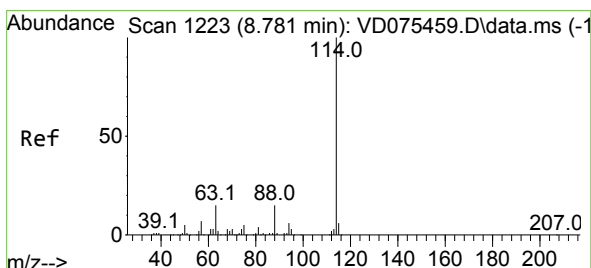
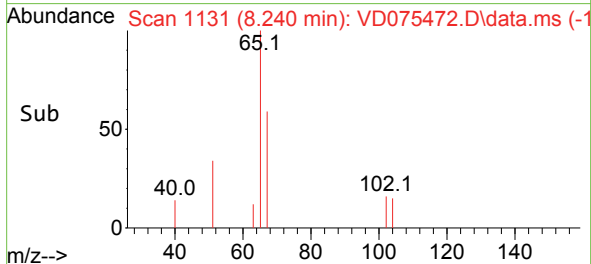
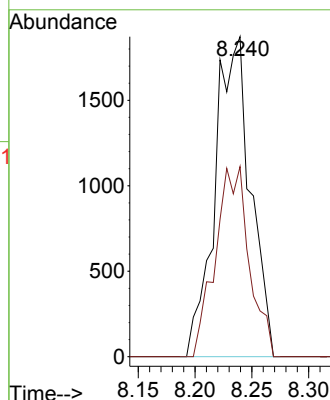
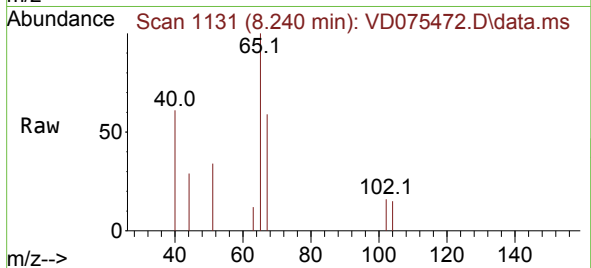
11

Tgt Ion: 65 Resp: 4078

Ion Ratio Lower Upper

65 100

67 56.5 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075472.D

Acq: 08 Mar 2023 16:32

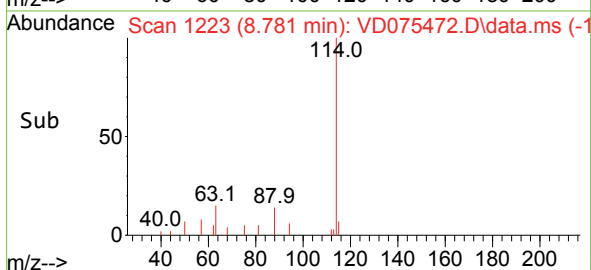
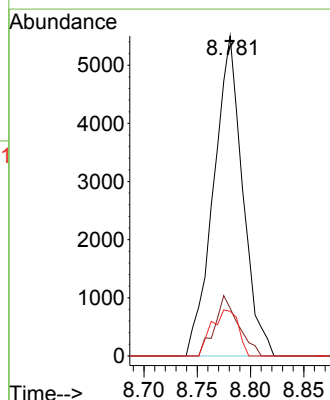
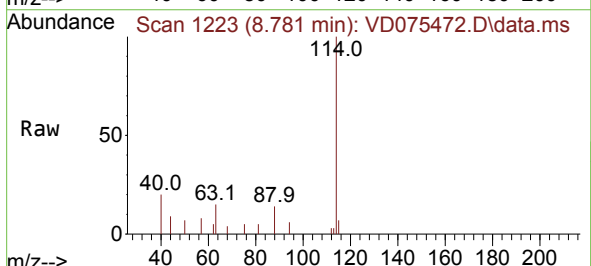
Tgt Ion: 114 Resp: 10396

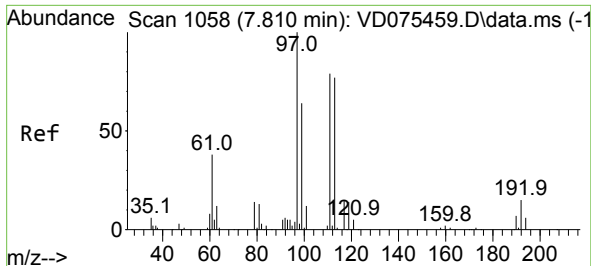
Ion Ratio Lower Upper

114 100

63 14.9 0.0 41.6

88 14.0 0.0 30.6

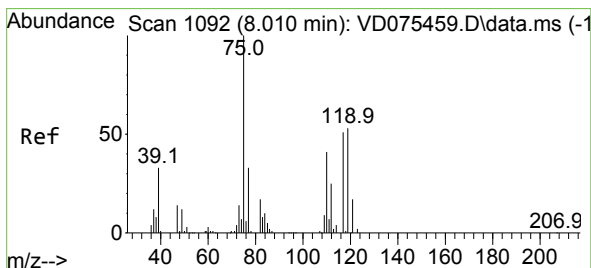
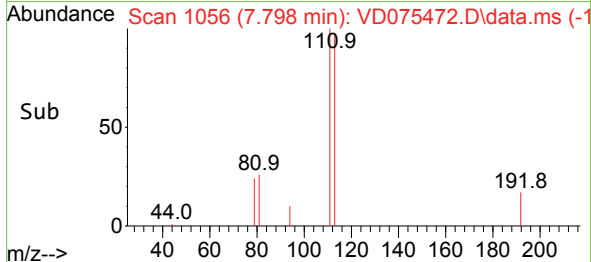
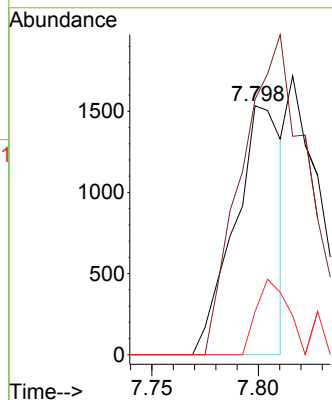
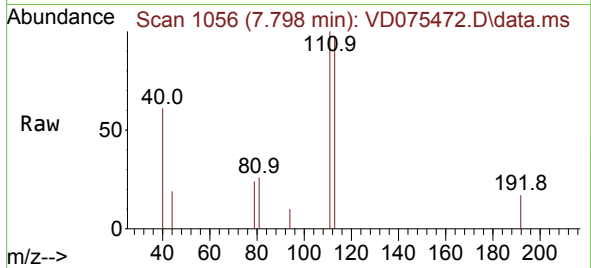




#35
Dibromofluoromethane
Concen: 38.895 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. -0.012 min
Lab File: VD075472.D
Acq: 08 Mar 2023 16:32

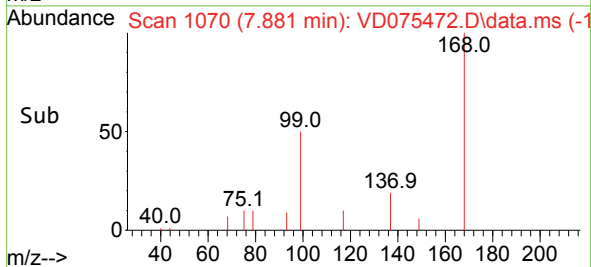
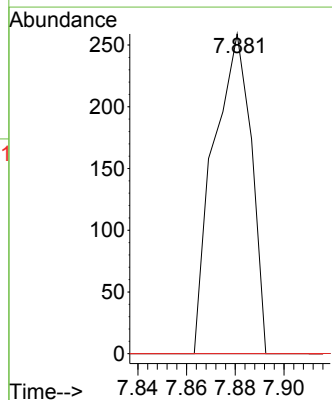
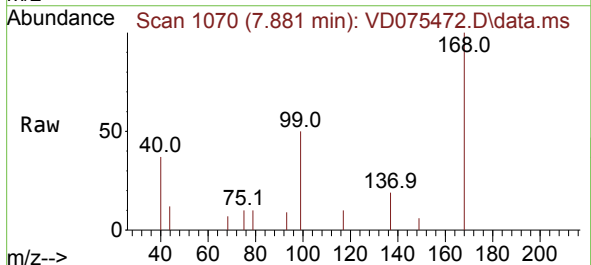
Instrument :
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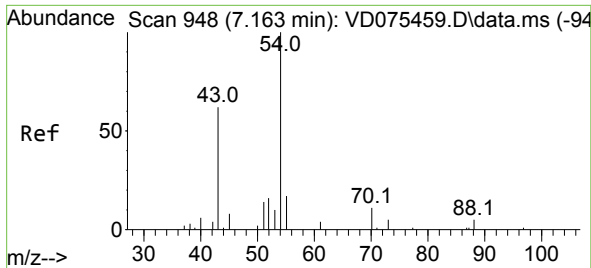
Tgt Ion: 113 Resp: 2343
Ion Ratio Lower Upper
113 100
111 180.1 81.4 122.0#
192 24.5 15.2 22.8#



#36
1,1-Dichloropropene
Concen: 2.733 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD075472.D
Acq: 08 Mar 2023 16:32

Tgt Ion: 75 Resp: 278
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 2.783 ug/l

RT: 7.434 min Scan# 94

Delta R.T. 0.271 min

Lab File: VD075472.D

Acq: 08 Mar 2023 16:32

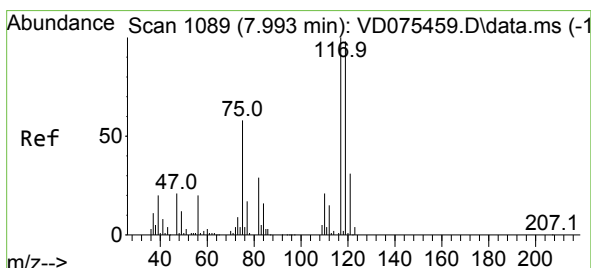
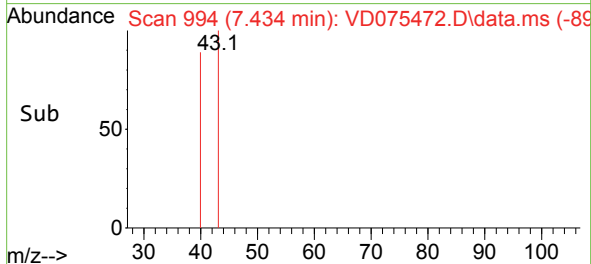
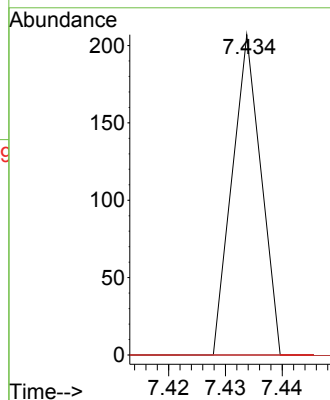
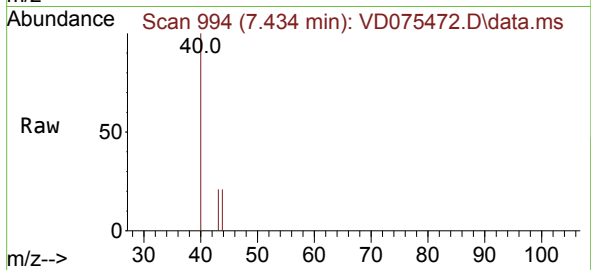
Instrument :

MSVOA_D

ClientSampleId :

11

Tgt Ion:	43	Resp:	73
Ion	Ratio	Lower	Upper
43	100		
61	0.0	0.0	0.0
70	0.0	5.6	8.4#



#38

Carbon Tetrachloride

Concen: 3.874 ug/l

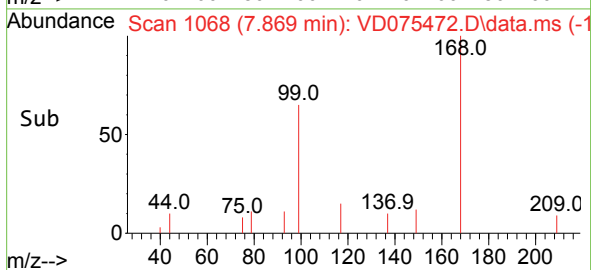
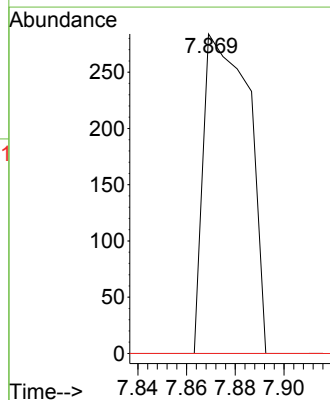
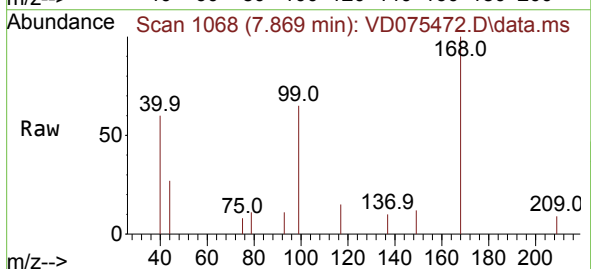
RT: 7.869 min Scan# 1068

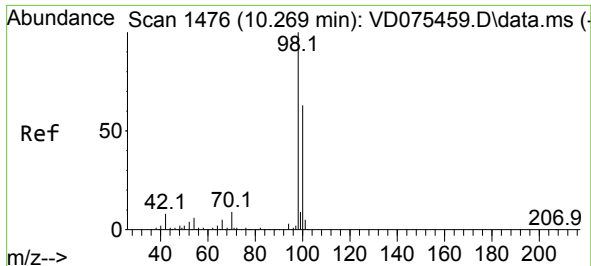
Delta R.T. -0.124 min

Lab File: VD075472.D

Acq: 08 Mar 2023 16:32

Tgt Ion:	117	Resp:	365
Ion	Ratio	Lower	Upper
117	100		
119	0.0	74.7	112.1#
121	0.0	25.9	38.9#

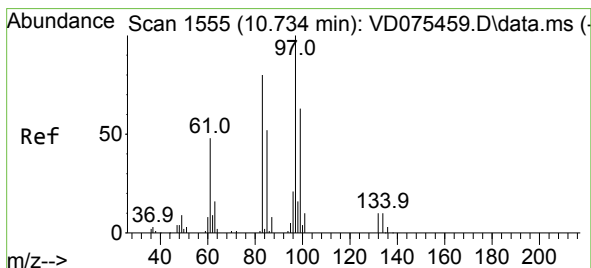
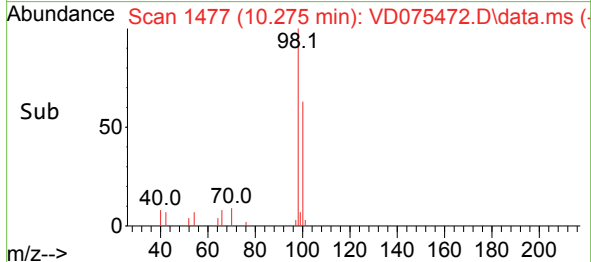
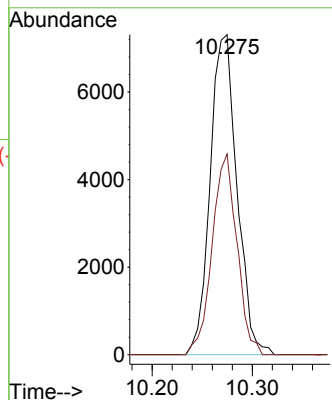
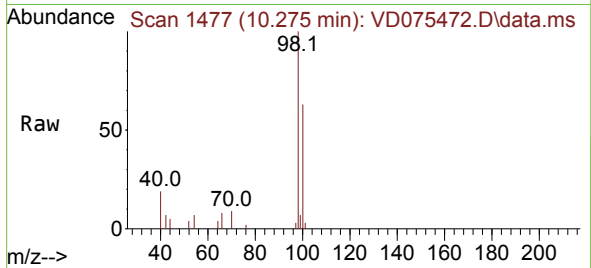




#50
Toluene-d8
Concen: 62.363 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD075472.D
Acq: 08 Mar 2023 16:32

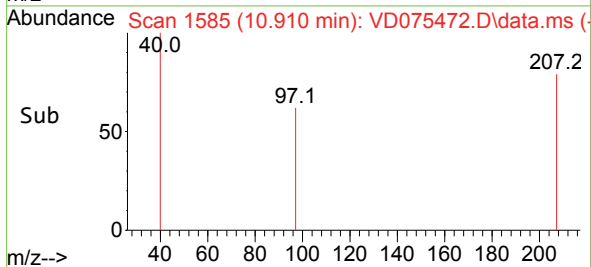
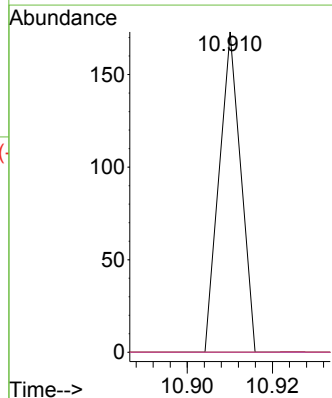
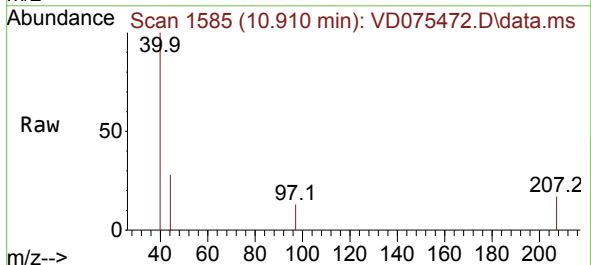
Instrument :
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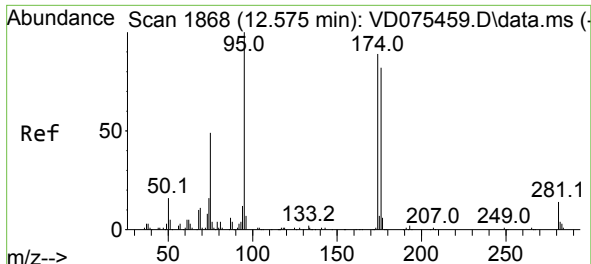
Tgt Ion: 98 Resp: 13603
Ion Ratio Lower Upper
98 100
100 57.9 52.1 78.1



#55
1,1,2-Trichloroethane
Concen: 1.111 ug/l
RT: 10.910 min Scan# 1585
Delta R.T. 0.176 min
Lab File: VD075472.D
Acq: 08 Mar 2023 16:32

Tgt Ion: 97 Resp: 61
Ion Ratio Lower Upper
97 100
83 0.0 74.2 111.4#
85 0.0 45.4 68.0#
99 0.0 50.5 75.7#

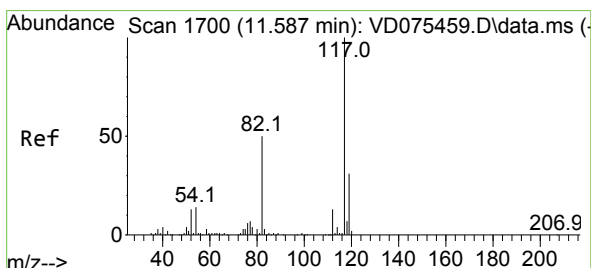
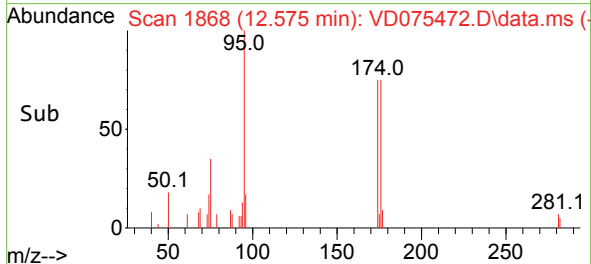
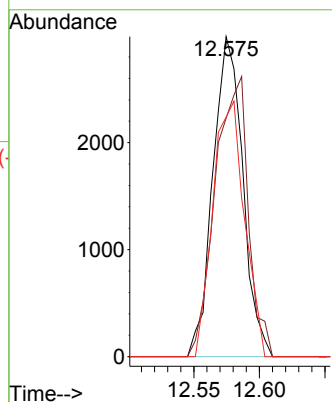
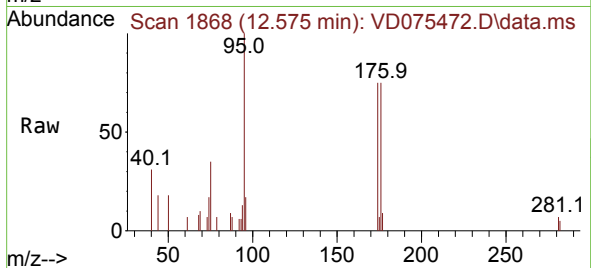




#62
4-Bromofluorobenzene
Concen: 71.542 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075472.D
Acq: 08 Mar 2023 16:32

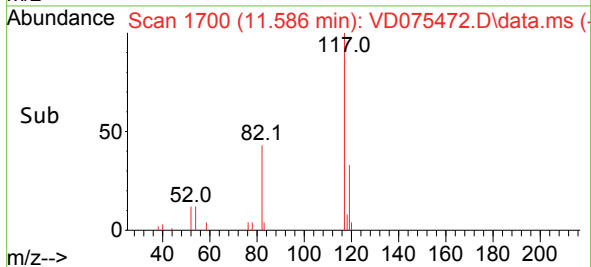
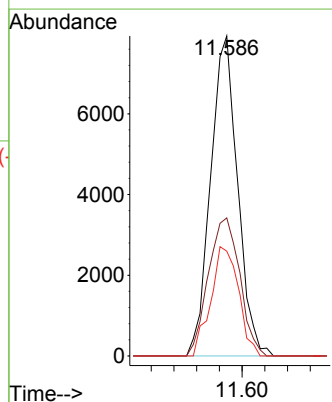
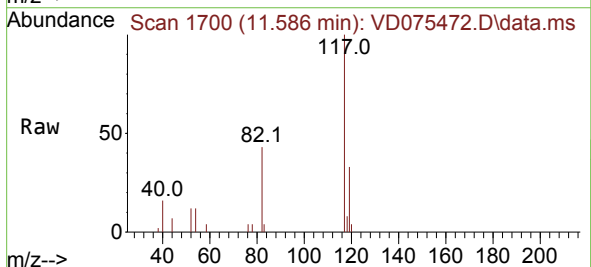
Instrument :
MSVOA_D
ClientSampleId :
11

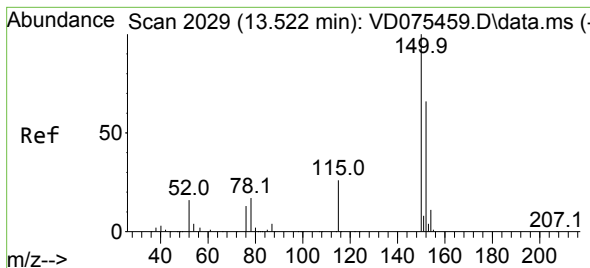
Tgt Ion: 95 Resp: 4719
Ion Ratio Lower Upper
95 100
174 96.8 0.0 164.0
176 84.7 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 1700
Delta R.T. -0.001 min
Lab File: VD075472.D
Acq: 08 Mar 2023 16:32

Tgt Ion: 117 Resp: 13087
Ion Ratio Lower Upper
117 100
82 43.1 44.0 66.0#
119 32.8 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075472.D

Acq: 08 Mar 2023 16:32

Instrument :

MSVOA_D

ClientSampleId :

11

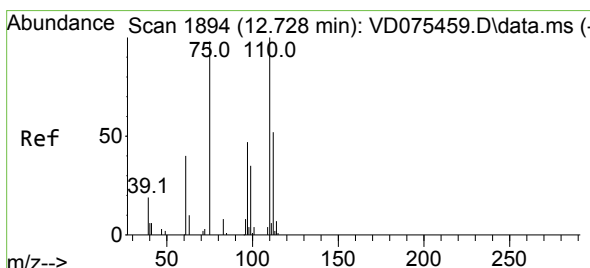
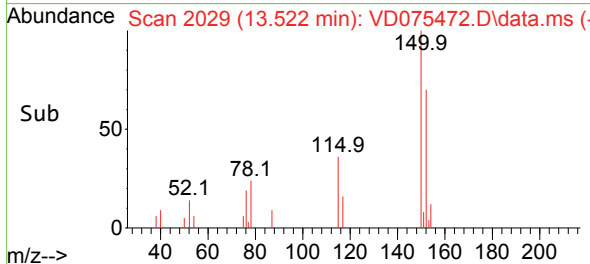
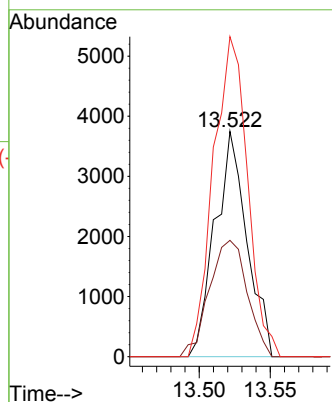
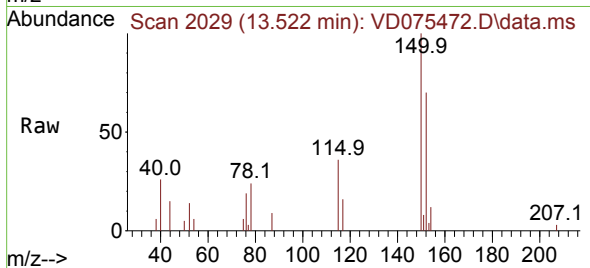
Tgt Ion:152 Resp: 5846

Ion Ratio Lower Upper

152 100

115 61.3 30.1 90.3

150 152.1 0.0 364.8



#76

1,2,3-Trichloropropane

Concen: 47.265 ug/l

RT: 12.581 min Scan# 1869

Delta R.T. -0.147 min

Lab File: VD075472.D

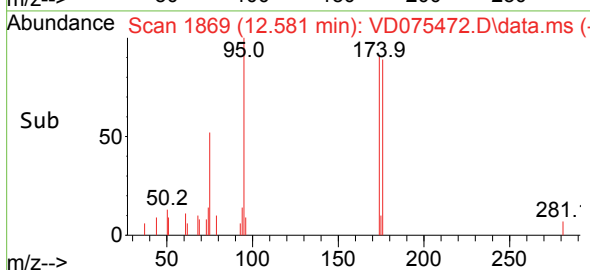
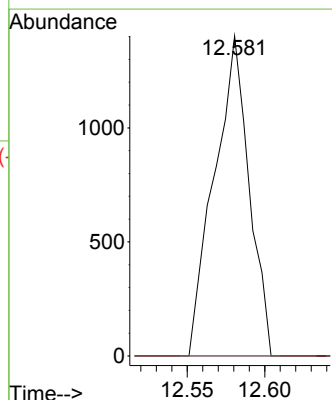
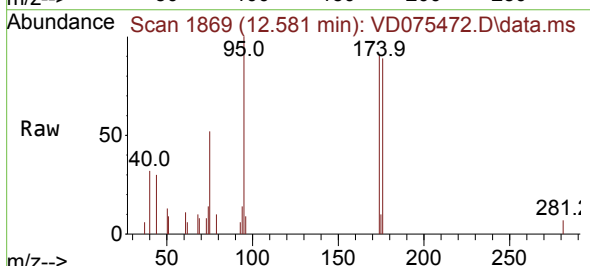
Acq: 08 Mar 2023 16:32

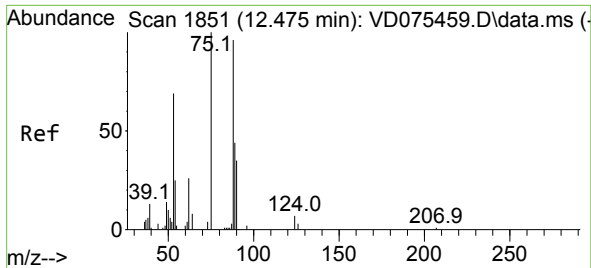
Tgt Ion: 75 Resp: 2189

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.053 ug/l
 RT: 12.581 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD075472.D
 Acq: 08 Mar 2023 16:32

Instrument :
 MSVOA_D
 ClientSampleId :
 11

Tgt Ion: 75 Resp: 2189
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 40.2 60.4#

