

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030823\
 Data File : VD075473.D
 Acq On : 08 Mar 2023 17:01
 Operator : KP/SY
 Sample : 01837-01
 Misc : 13.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CB-22-3.5-030723

Quant Time: Mar 09 02:17:15 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)

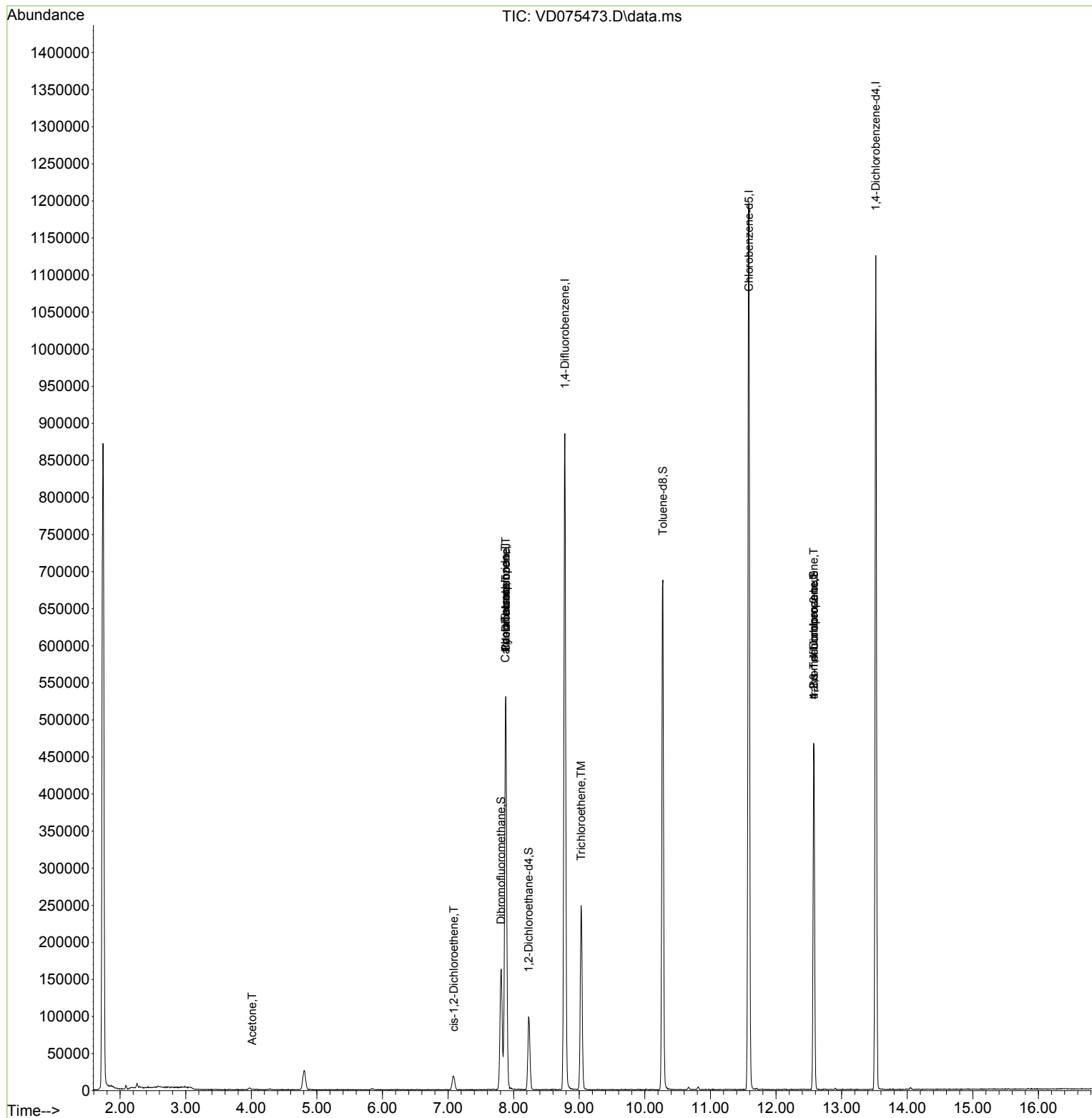
Internal Standards						
1) Pentafluorobenzene	7.881	168	423092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	834623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	761855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	308922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	75998	24.717	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	49.440%#
35) Dibromofluoromethane	7.810	113	124345	25.711	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	51.420%#
50) Toluene-d8	10.275	98	509160	29.075	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	58.160%
62) 4-Bromofluorobenzene	12.575	95	148399	28.023	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	56.040%
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	217	Below Cal	#	40
16) Acetone	4.016	43	1211	1.777	ug/l #	44
20) Methylene Chloride	4.810	84	23131	Below Cal	#	75
27) cis-1,2-Dichloroethene	7.087	96	13637	2.251	ug/l	73
31) Cyclohexane	7.881	56	8071	1.188	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	31365	3.840	ug/l #	49
38) Carbon Tetrachloride	7.875	117	40585	5.366	ug/l #	17
44) Trichloroethene	9.028	130	98697	14.091	ug/l	93
76) 1,2,3-Trichloropropane	12.575	75	72988	29.823	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	72988	61.869	ug/l #	5

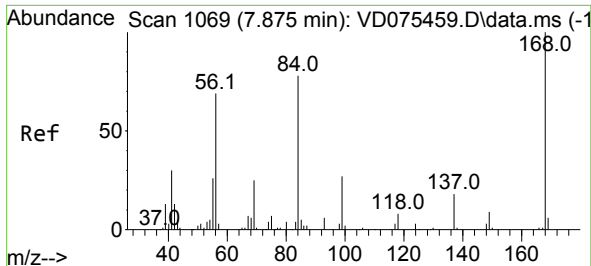
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 08 12:19:57 2023
Response via : Initial Calibration

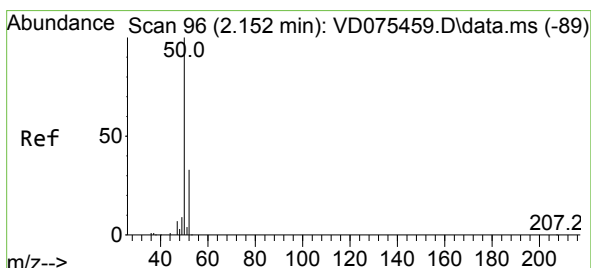
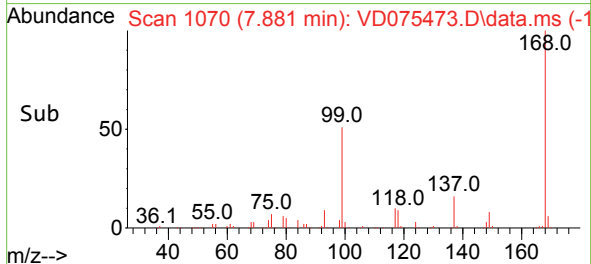
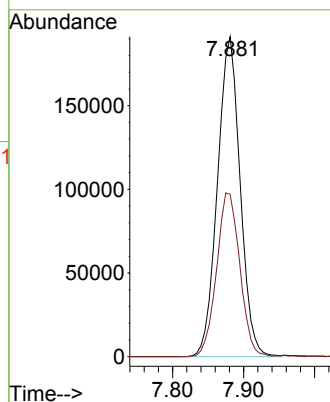
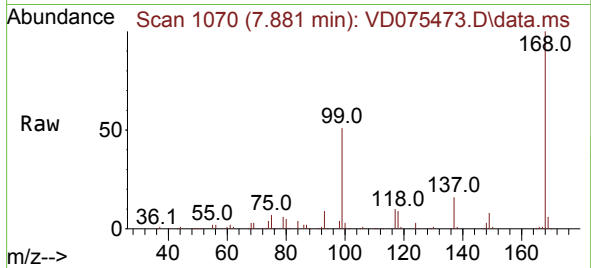




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD075473.D
Acq: 08 Mar 2023 17:01

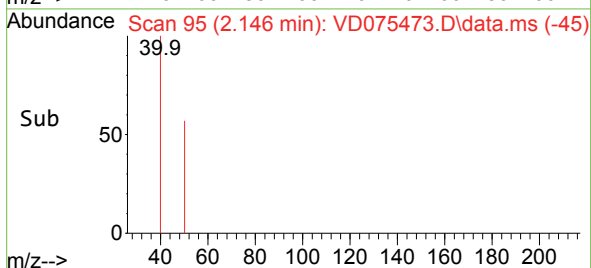
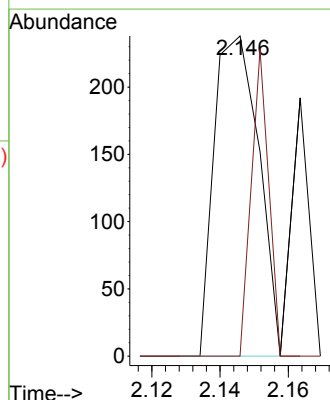
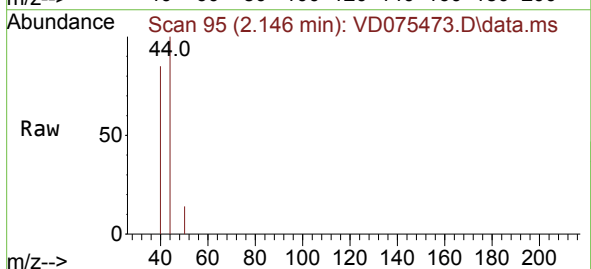
Instrument :
MSVOA_D
ClientSampleId :
CB-22-3.5-030723

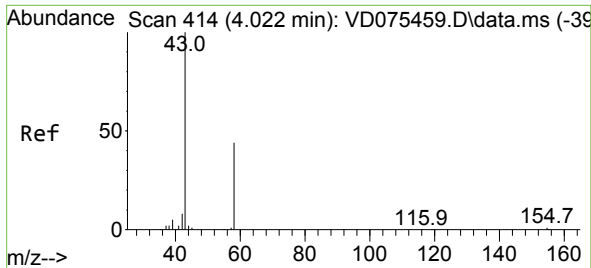
Tgt Ion:168 Resp: 423092
Ion Ratio Lower Upper
168 100
99 50.7 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.006 min
Lab File: VD075473.D
Acq: 08 Mar 2023 17:01

Tgt Ion: 50 Resp: 217
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

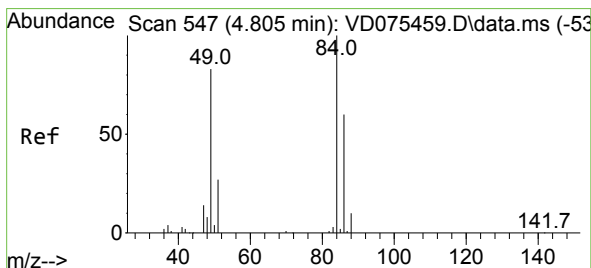
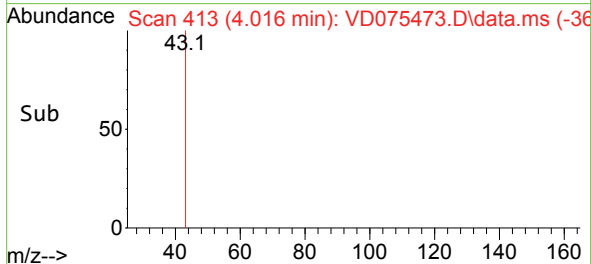
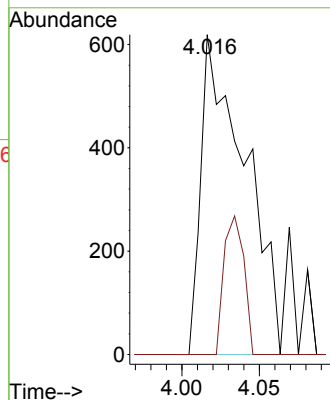
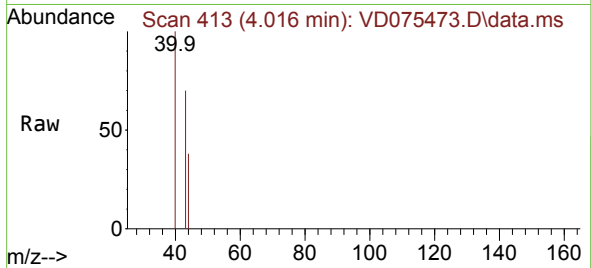




#16
Acetone
Concen: 1.777 ug/l
RT: 4.016 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075473.D
Acq: 08 Mar 2023 17:01

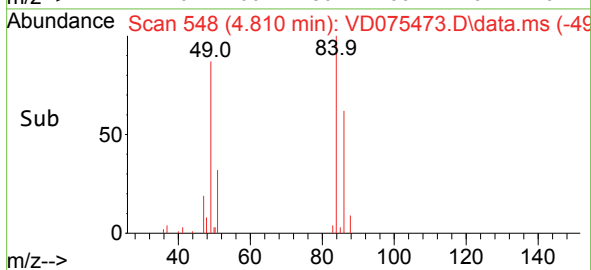
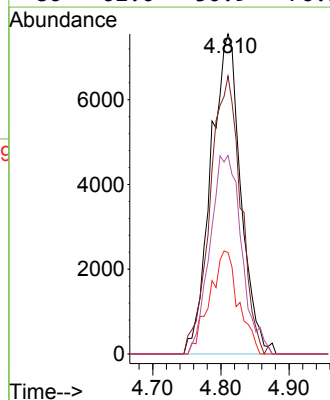
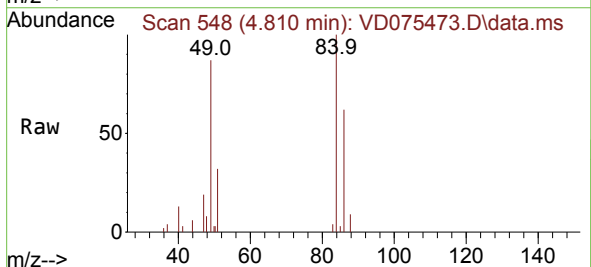
Instrument :
MSVOA_D
ClientSampleId :
CB-22-3.5-030723

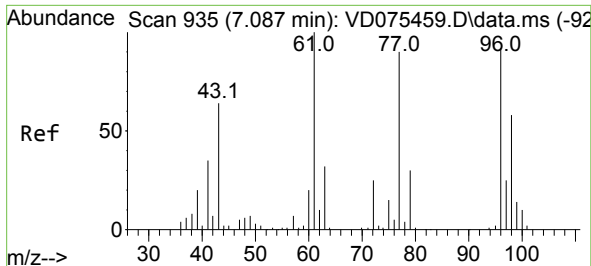
Tgt Ion: 43 Resp: 1211
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.810 min Scan# 548
Delta R.T. 0.005 min
Lab File: VD075473.D
Acq: 08 Mar 2023 17:01

Tgt Ion: 84 Resp: 23131
Ion Ratio Lower Upper
84 100
49 86.9 106.4 159.6#
51 31.7 32.4 48.6#
86 62.0 50.9 76.3





#27

cis-1,2-Dichloroethene

Concen: 2.251 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075473.D

Acq: 08 Mar 2023 17:01

Instrument :

MSVOA_D

ClientSampleId :

CB-22-3.5-030723

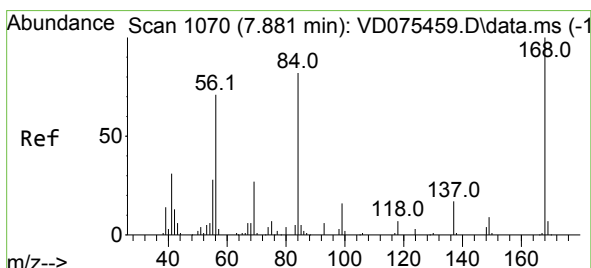
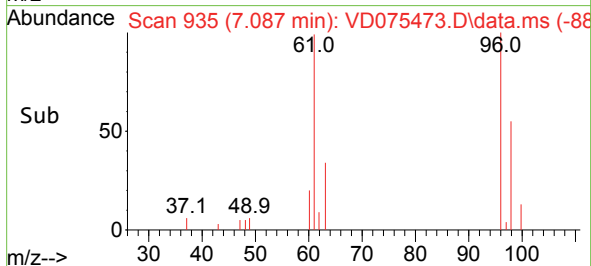
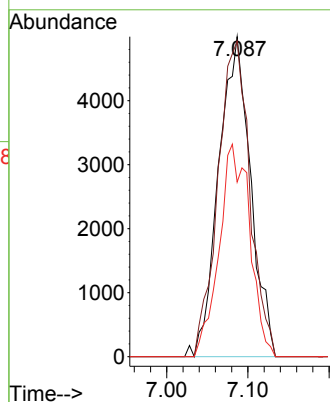
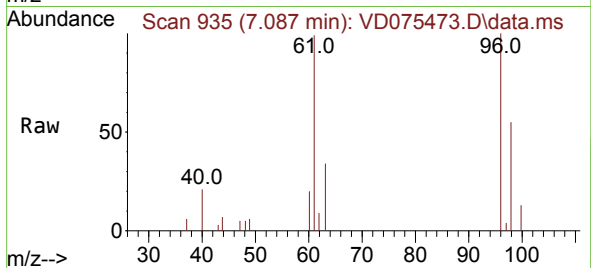
Tgt Ion: 96 Resp: 13637

Ion Ratio Lower Upper

96 100

61 98.7 0.0 295.2

98 63.8 0.0 129.2



#31

Cyclohexane

Concen: 1.188 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD075473.D

Acq: 08 Mar 2023 17:01

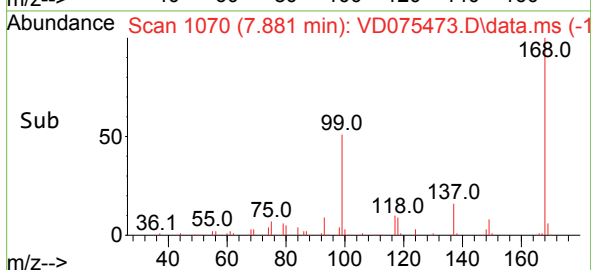
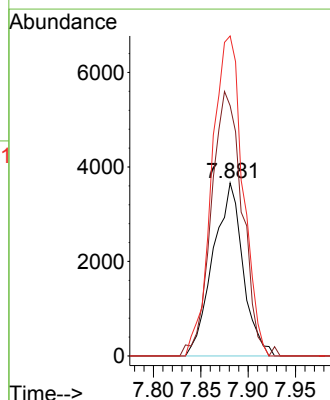
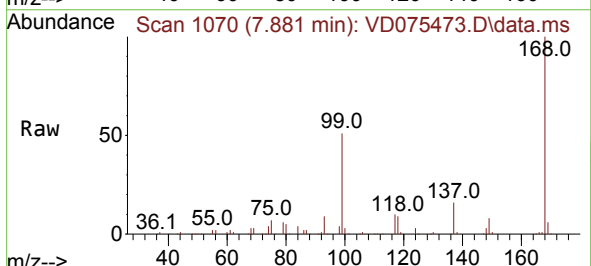
Tgt Ion: 56 Resp: 8071

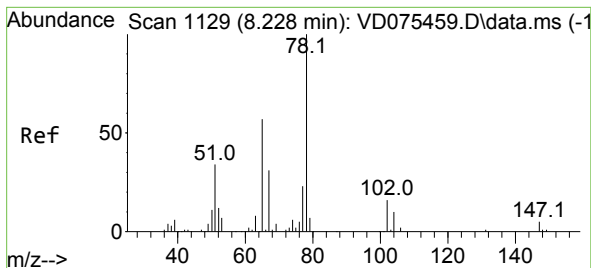
Ion Ratio Lower Upper

56 100

69 144.8 25.5 38.3#

84 185.1 69.6 104.4#





#33

1,2-Dichloroethane-d4

Concen: 24.717 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075473.D

Acq: 08 Mar 2023 17:01

Instrument :

MSVOA_D

ClientSampleId :

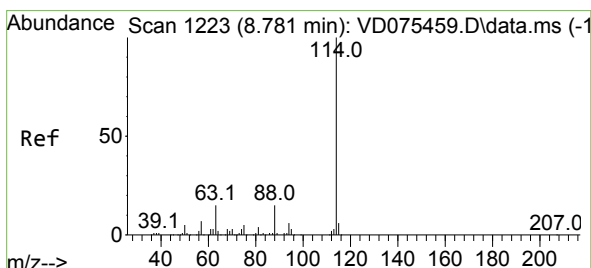
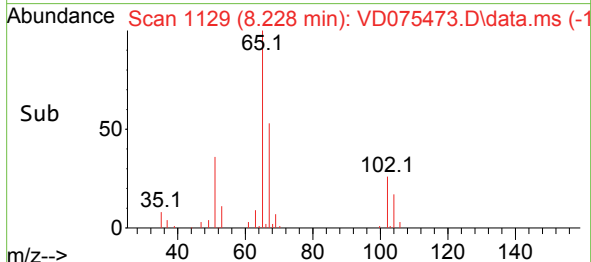
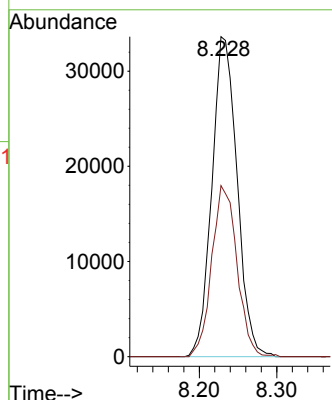
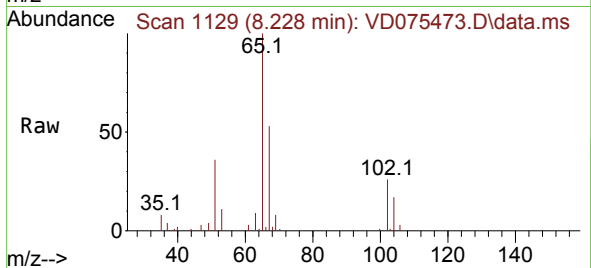
CB-22-3.5-030723

Tgt Ion: 65 Resp: 75998

Ion Ratio Lower Upper

65 100

67 53.6 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: VD075473.D

Acq: 08 Mar 2023 17:01

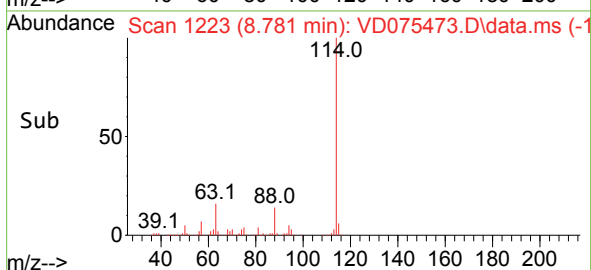
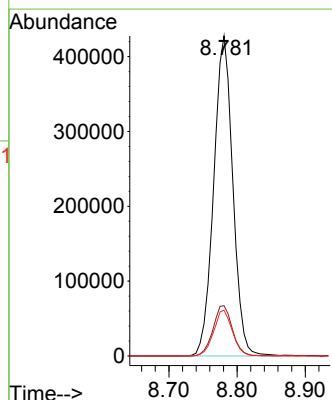
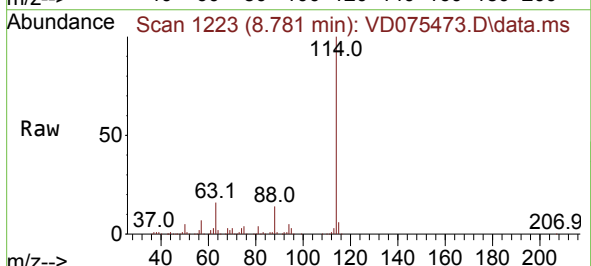
Tgt Ion: 114 Resp: 834623

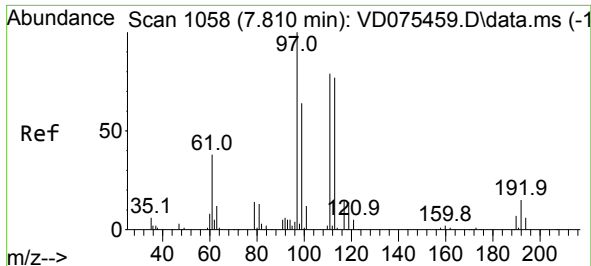
Ion Ratio Lower Upper

114 100

63 15.7 0.0 41.6

88 14.3 0.0 30.6

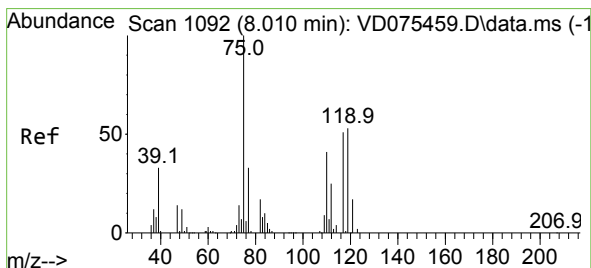
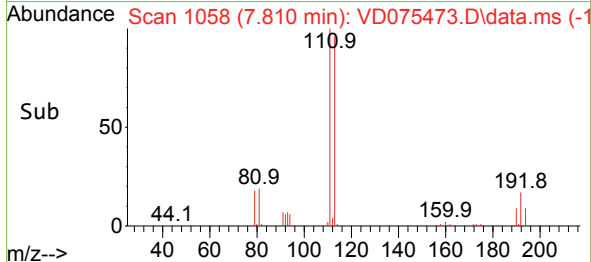
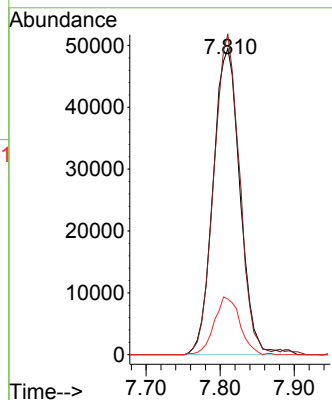
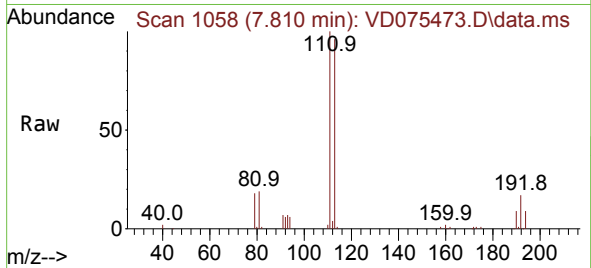




#35
Dibromofluoromethane
Concen: 25.711 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD075473.D
Acq: 08 Mar 2023 17:01

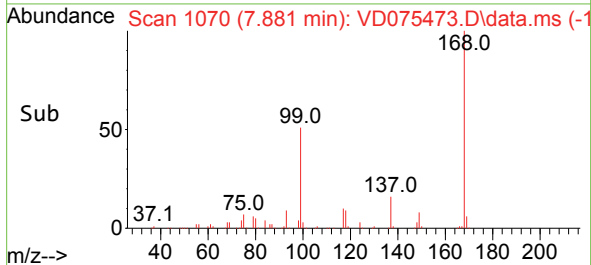
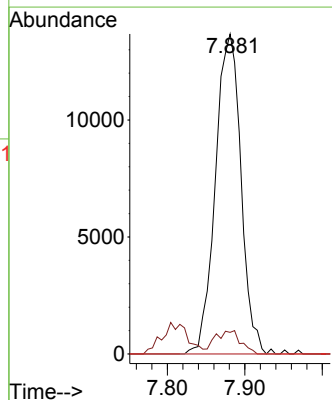
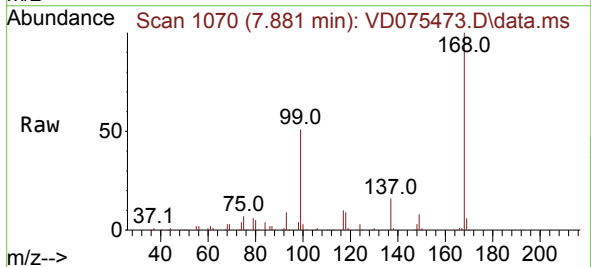
Instrument :
MSVOA_D
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CB-22-3.5-030723

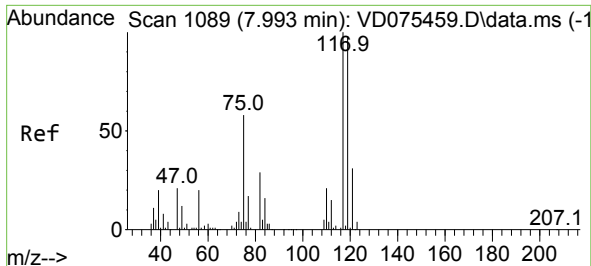
Tgt Ion:113 Resp: 124345
Ion Ratio Lower Upper
113 100
111 100.4 81.4 122.0
192 18.1 15.2 22.8



#36
1,1-Dichloropropene
Concen: 3.840 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD075473.D
Acq: 08 Mar 2023 17:01

Tgt Ion: 75 Resp: 31365
Ion Ratio Lower Upper
75 100
110 7.4 17.1 51.2#
77 0.0 24.6 36.8#

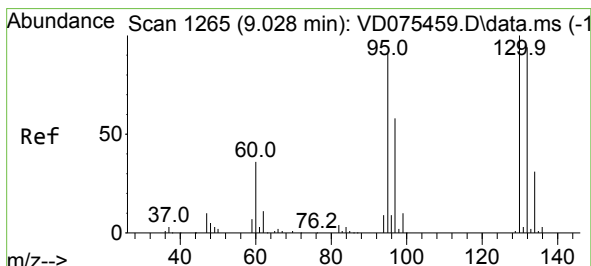
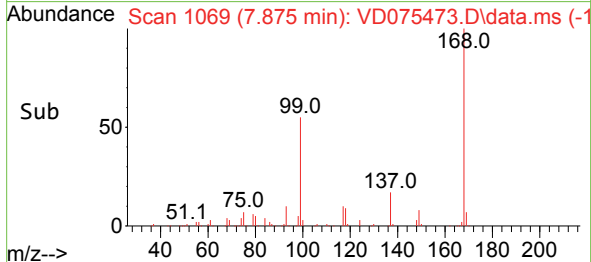
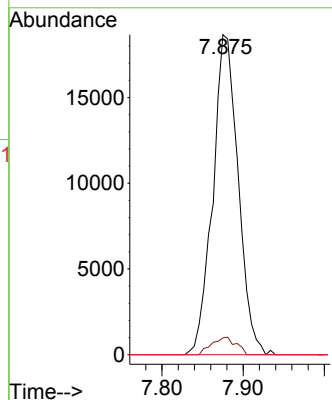
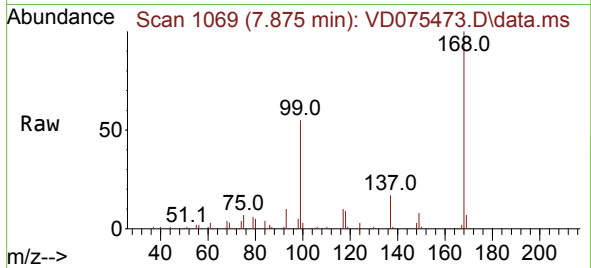




#38
Carbon Tetrachloride
Concen: 5.366 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075473.D
Acq: 08 Mar 2023 17:01

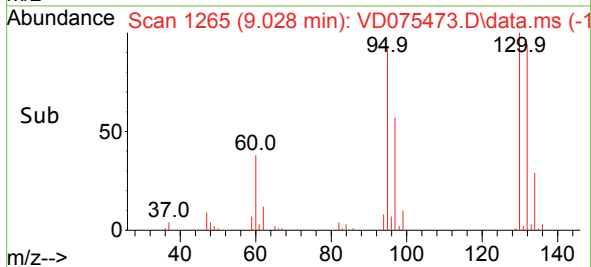
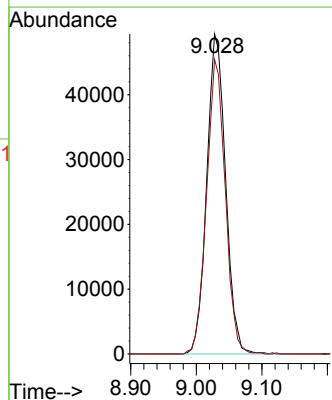
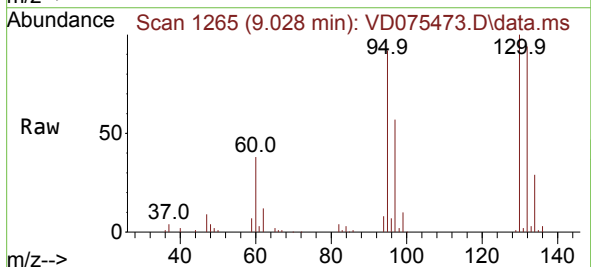
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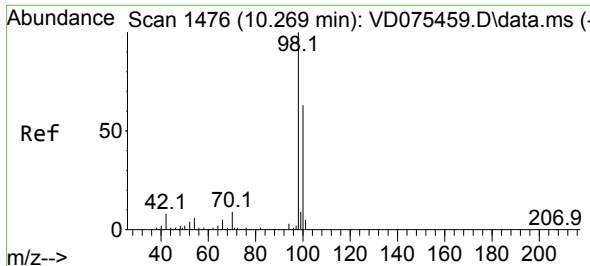
Tgt Ion:117 Resp: 40585
Ion Ratio Lower Upper
117 100
119 5.3 74.7 112.1#
121 0.0 25.9 38.9#



#44
Trichloroethene
Concen: 14.091 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075473.D
Acq: 08 Mar 2023 17:01

Tgt Ion:130 Resp: 98697
Ion Ratio Lower Upper
130 100
95 92.0 0.0 197.6

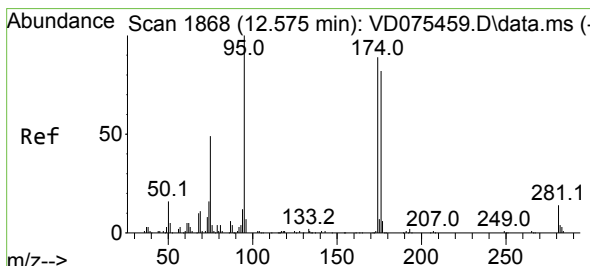
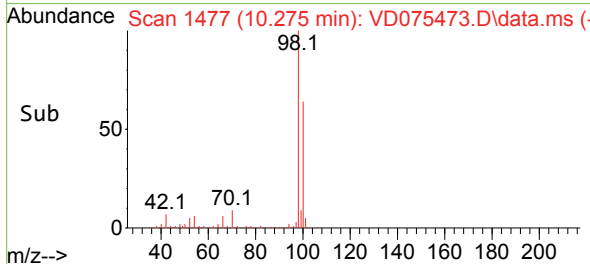
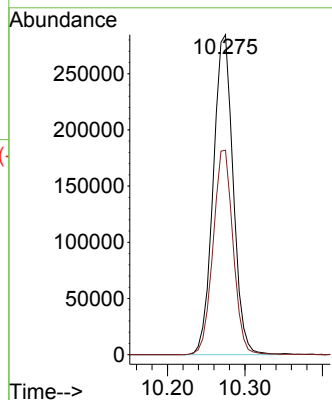
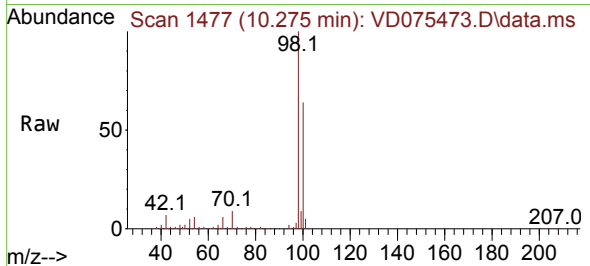




#50
Toluene-d8
Concen: 29.075 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD075473.D
Acq: 08 Mar 2023 17:01

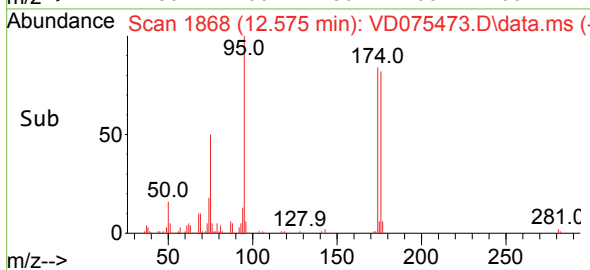
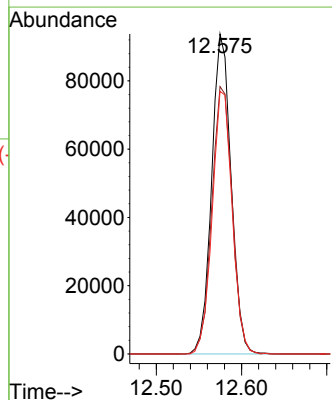
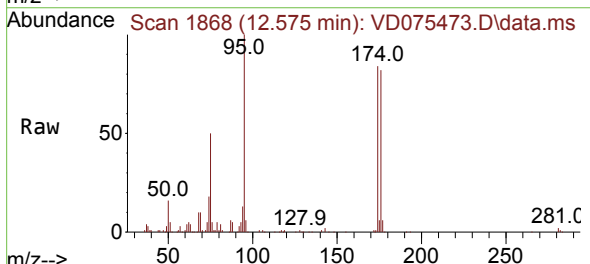
Instrument :
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CB-22-3.5-030723

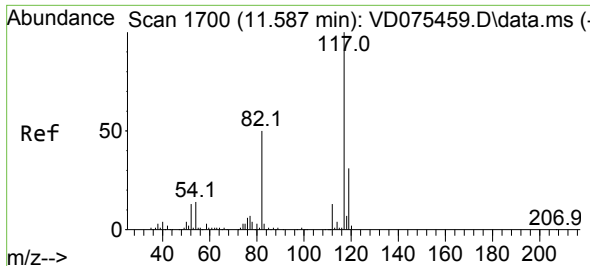
Tgt Ion: 98 Resp: 509160
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 28.023 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075473.D
Acq: 08 Mar 2023 17:01

Tgt Ion: 95 Resp: 148399
Ion Ratio Lower Upper
95 100
174 88.0 0.0 164.0
176 84.4 0.0 156.8

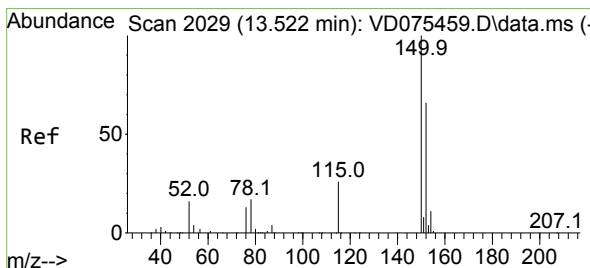
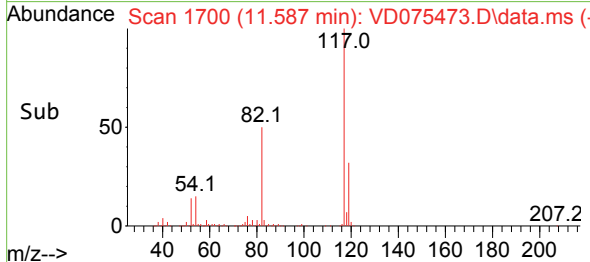
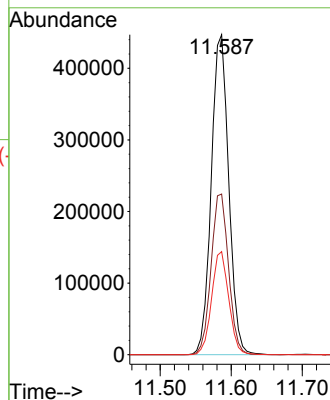
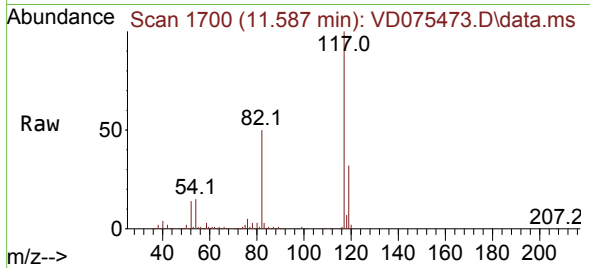




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075473.D
Acq: 08 Mar 2023 17:01

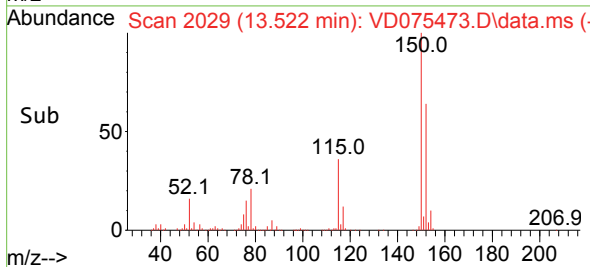
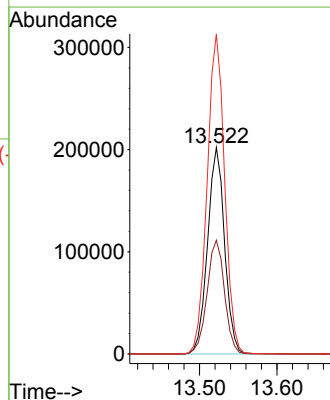
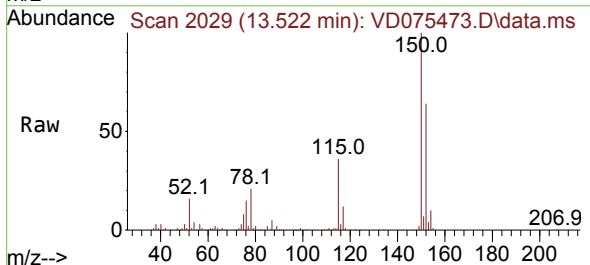
Instrument :
MSVOA_D
ClientSampleId :
CB-22-3.5-030723

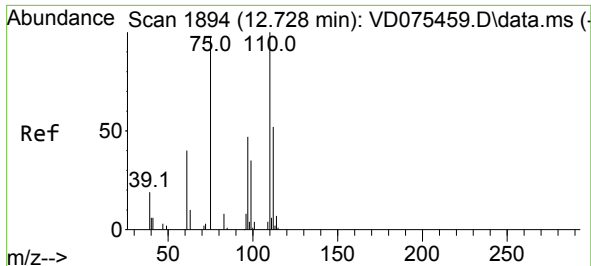
Tgt Ion:117 Resp: 761855
Ion Ratio Lower Upper
117 100
82 50.2 44.0 66.0
119 32.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075473.D
Acq: 08 Mar 2023 17:01

Tgt Ion:152 Resp: 308922
Ion Ratio Lower Upper
152 100
115 56.4 30.1 90.3
150 158.8 0.0 364.8

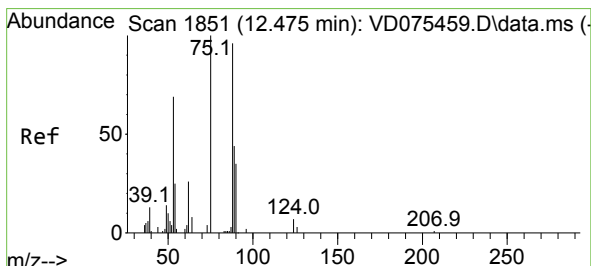
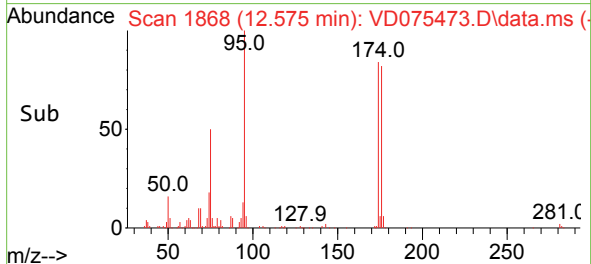
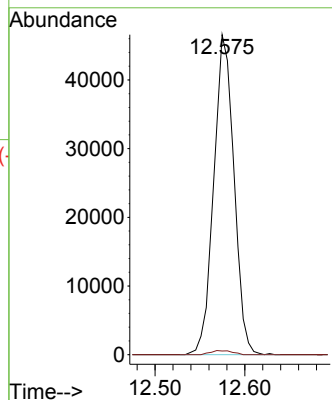
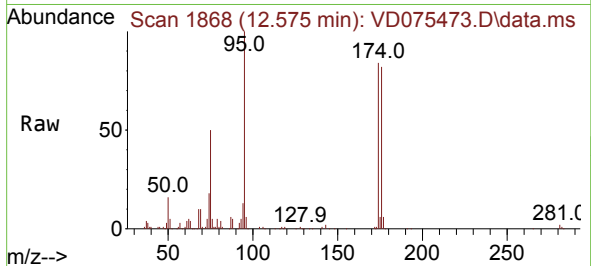




#76
1,2,3-Trichloropropane
Concen: 29.823 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075473.D
Acq: 08 Mar 2023 17:01

Instrument :
MSVOA_D
ClientSampleId :
CB-22-3.5-030723

Tgt Ion: 75 Resp: 72988
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.869 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075473.D
Acq: 08 Mar 2023 17:01

Tgt Ion: 75 Resp: 72988
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

