

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012523\
 Data File : VD075199.D
 Acq On : 25 Jan 2023 12:45
 Operator : KP/SY
 Sample : 01270-03
 Misc : 5.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-1-012323

Quant Time: Jan 25 15:56:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

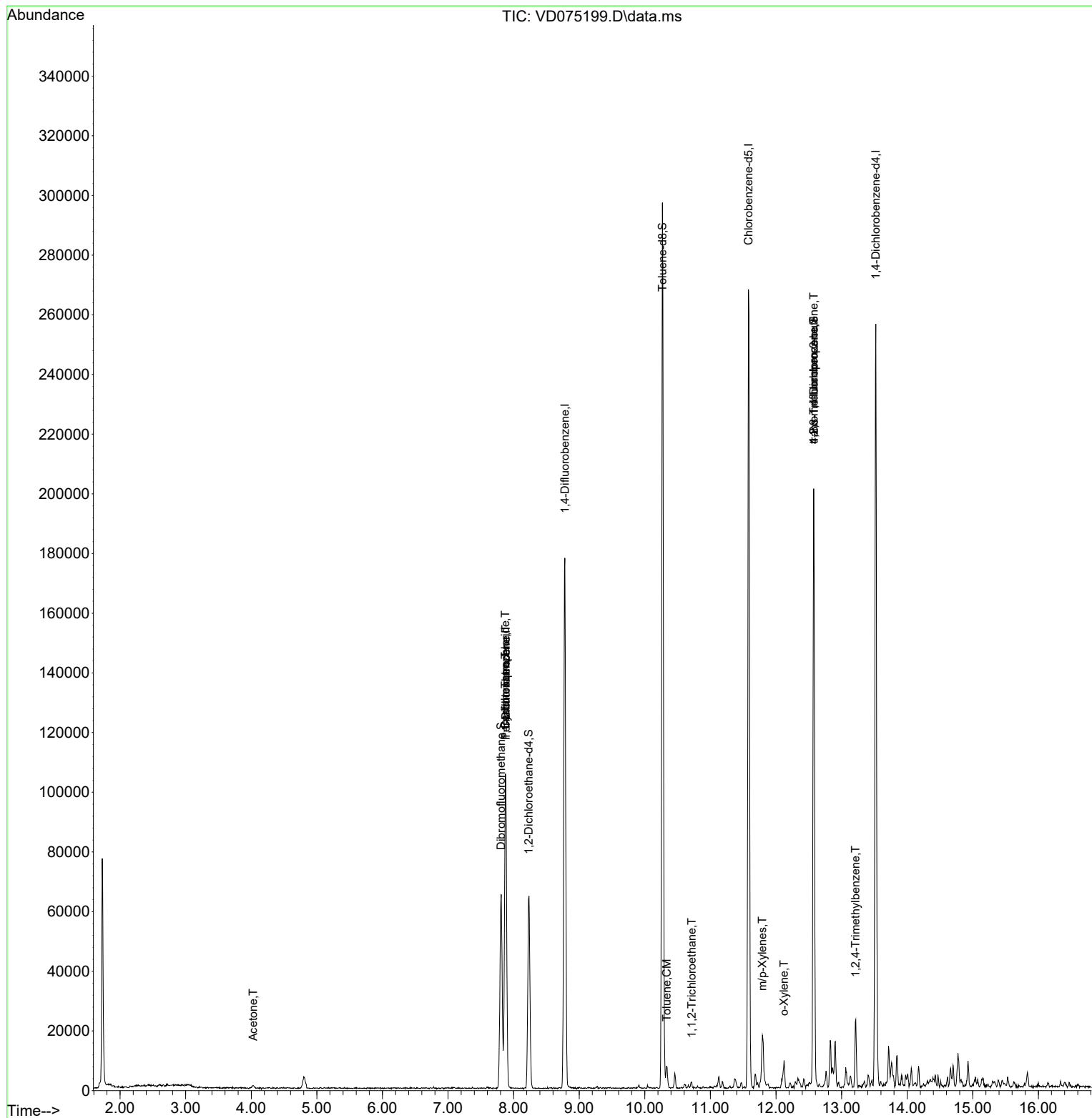
Internal Standards						
1) Pentafluorobenzene	7.881	168	78350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	154955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	150597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	63169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50001	62.540	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.080%			
35) Dibromofluoromethane	7.810	113	47635	50.873	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.740%			
50) Toluene-d8	10.269	98	194680	52.805	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.620%			
62) 4-Bromofluorobenzene	12.575	95	63740	54.476	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.960%			
Target Compounds						
16) Acetone	4.028	43	1576	7.474	ug/l	96
20) Methylene Chloride	4.811	84	2840	Below Cal		96
31) Cyclohexane	7.875	56	2140	1.335	ug/l #	52
36) 1,1-Dichloropropene	7.881	75	7139	4.745	ug/l #	47
38) Carbon Tetrachloride	7.875	117	8354	6.595	ug/l #	18
52) Toluene	10.334	92	3262	1.203	ug/l	94
55) 1,1,2-Trichloroethane	10.716	97	876	1.188	ug/l #	14
68) m/p-Xylenes	11.793	106	4219	1.966	ug/l	97
69) o-Xylene	12.122	106	2137	1.062	ug/l	98
76) 1,2,3-Trichloropropane	12.575	75	34817	65.079	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	34817	150.956	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.210	105	12405	3.090	ug/l	96

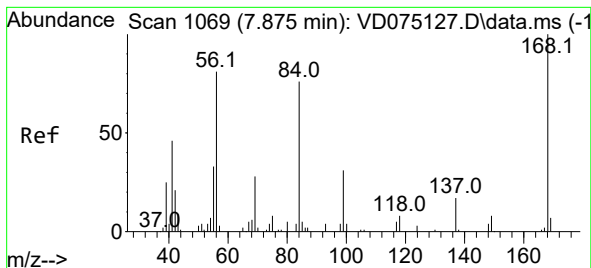
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD075199.D

Acq: 25 Jan 2023 12:45

Instrument :

MSVOA_D

ClientSampleId :

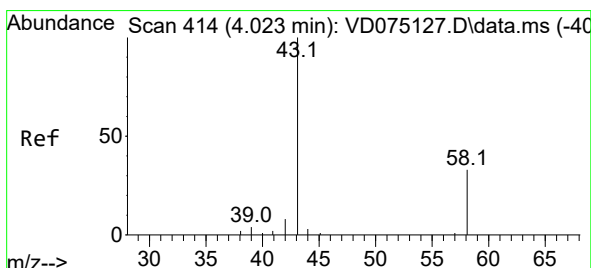
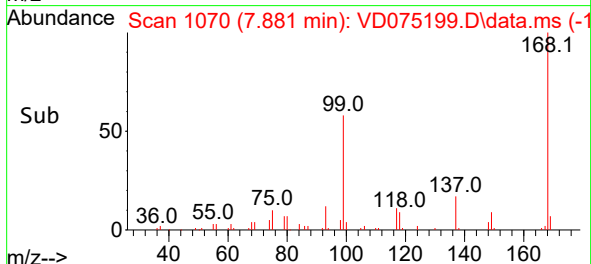
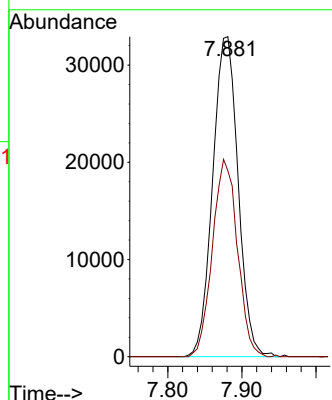
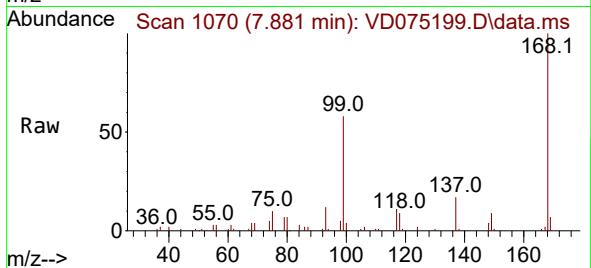
JC-1-012323

Tgt Ion:168 Resp: 78350

Ion Ratio Lower Upper

168 100

99 58.1 45.2 67.8



#16

Acetone

Concen: 7.474 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.006 min

Lab File: VD075199.D

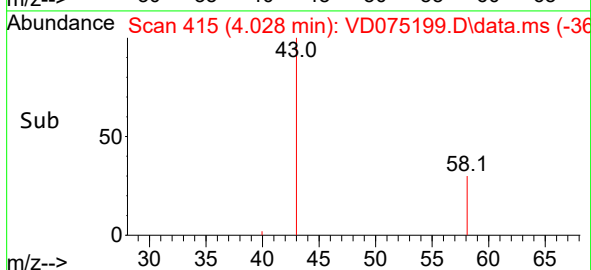
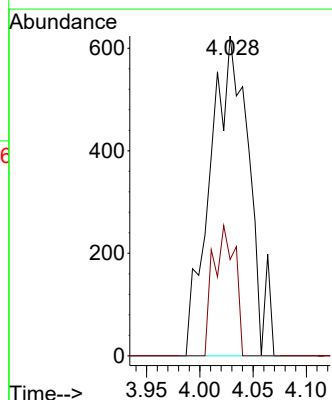
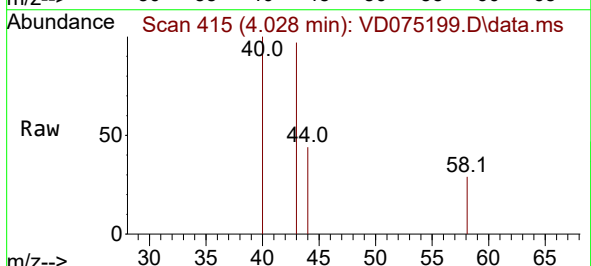
Acq: 25 Jan 2023 12:45

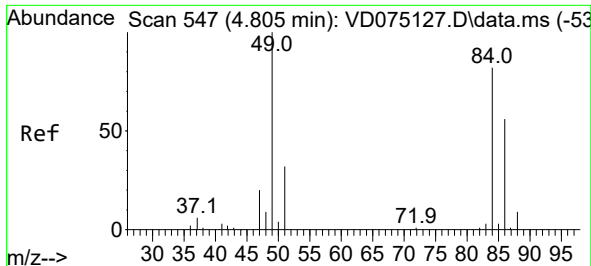
Tgt Ion: 43 Resp: 1576

Ion Ratio Lower Upper

43 100

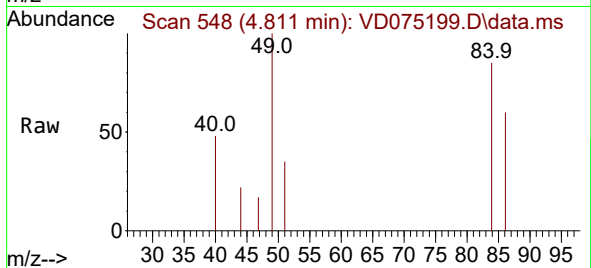
58 30.1 26.0 39.0





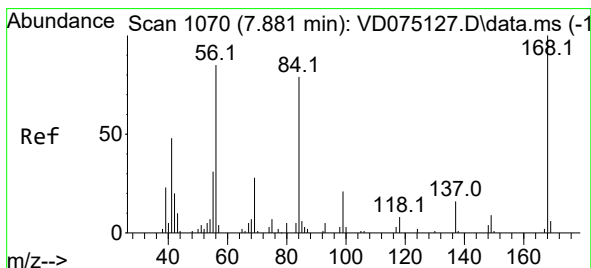
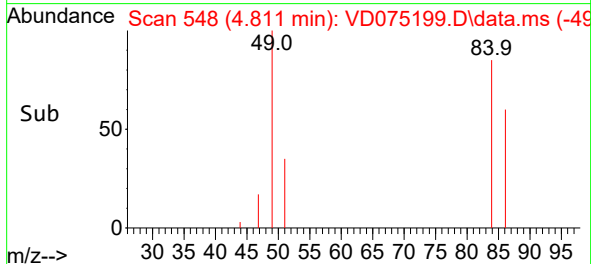
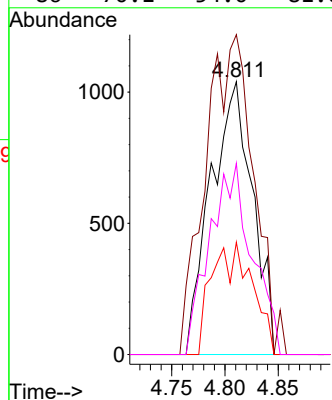
#20
Methylene Chloride
Concen: Below Cal
RT: 4.811 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD075199.D
Acq: 25 Jan 2023 12:45

Instrument :
MSVOA_D
ClientSampleId :
JC-1-012323



Tgt Ion: 84 Resp: 2840

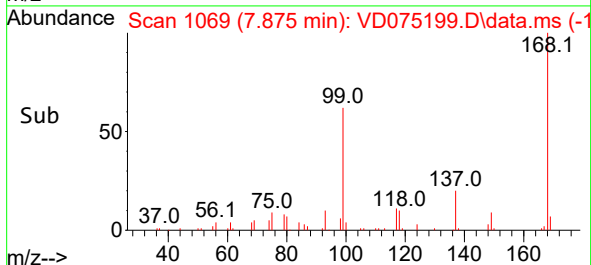
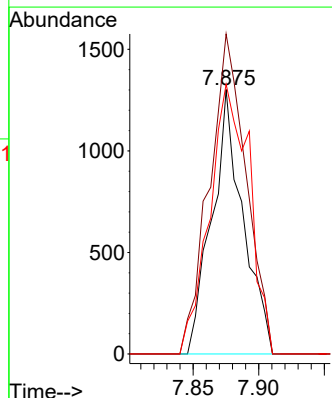
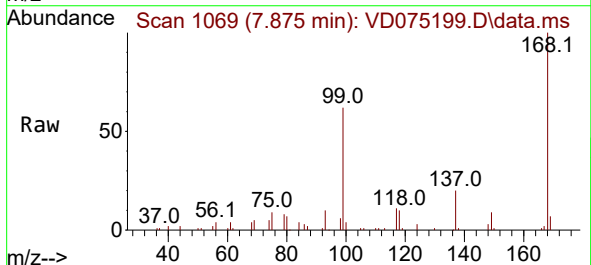
Ion	Ratio	Lower	Upper
84	100		
49	117.2	97.0	145.6
51	41.2	30.9	46.3
86	70.1	54.0	81.0

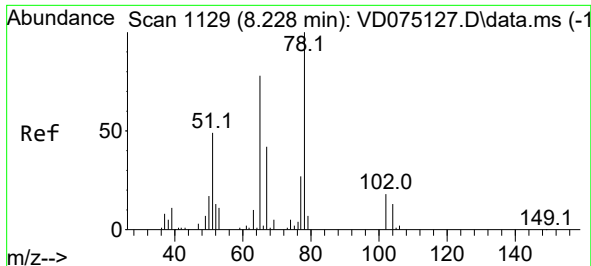


#31
Cyclohexane
Concen: 1.335 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075199.D
Acq: 25 Jan 2023 12:45

Tgt Ion: 56 Resp: 2140

Ion	Ratio	Lower	Upper
56	100		
69	121.0	26.6	40.0#
84	102.0	74.1	111.1





#33

1,2-Dichloroethane-d4

Concen: 62.540 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075199.D

Acq: 25 Jan 2023 12:45

Instrument :

MSVOA_D

ClientSampleId :

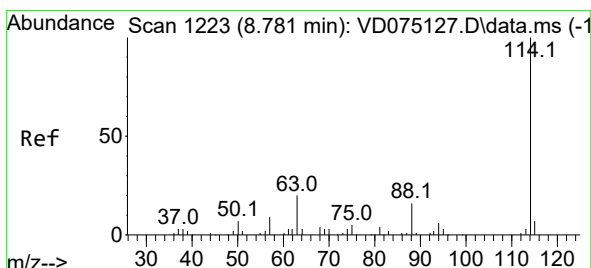
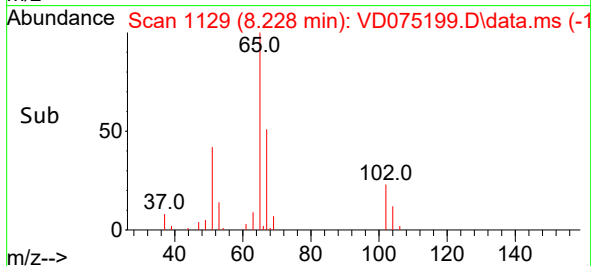
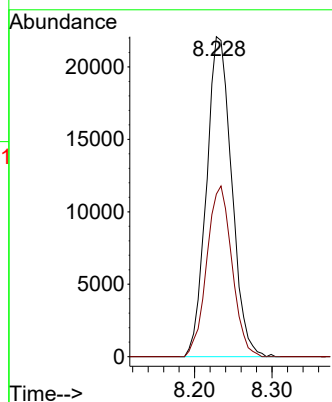
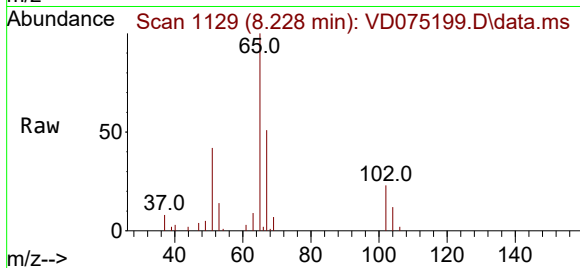
JC-1-012323

Tgt Ion: 65 Resp: 50001

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075199.D

Acq: 25 Jan 2023 12:45

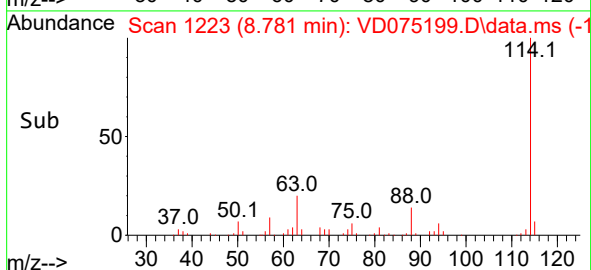
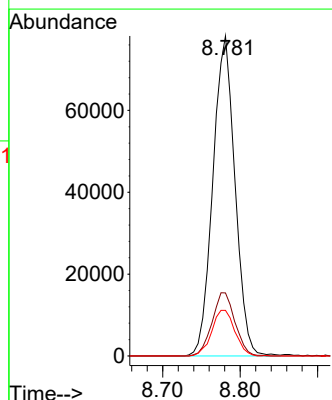
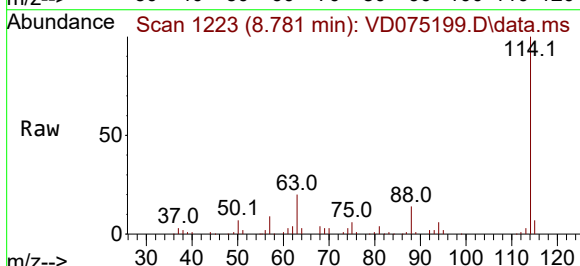
Tgt Ion: 114 Resp: 154955

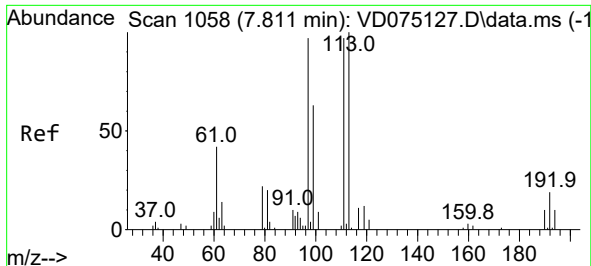
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.2

88 14.3 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.873 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD075199.D

Acq: 25 Jan 2023 12:45

Instrument :

MSVOA_D

ClientSampleId :

JC-1-012323

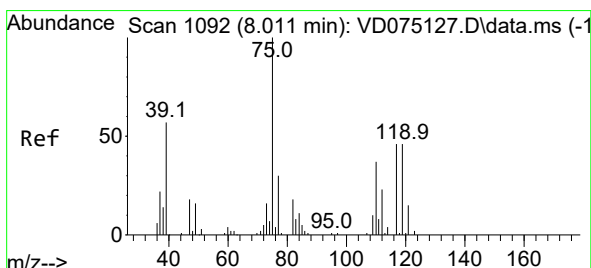
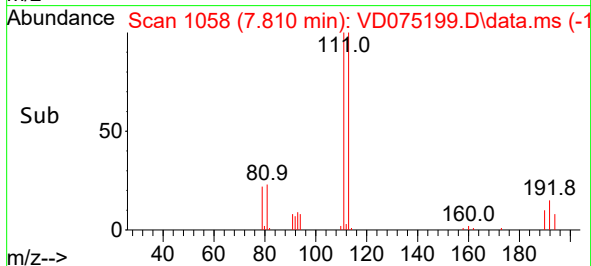
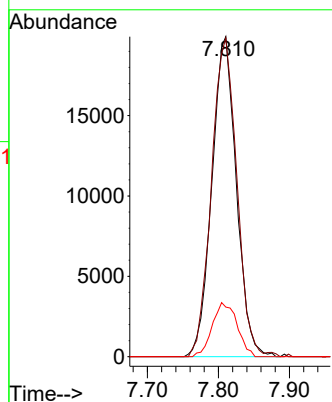
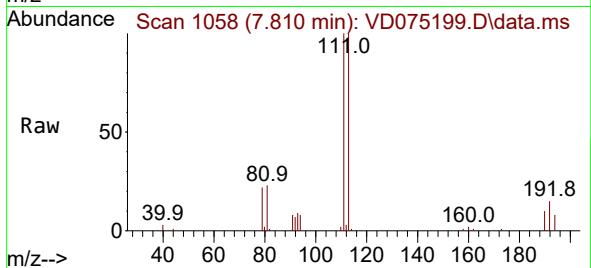
Tgt Ion:113 Resp: 47635

Ion Ratio Lower Upper

113 100

111 102.9 80.1 120.1

192 17.1 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.745 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.129 min

Lab File: VD075199.D

Acq: 25 Jan 2023 12:45

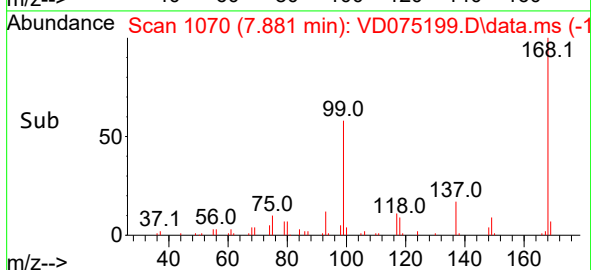
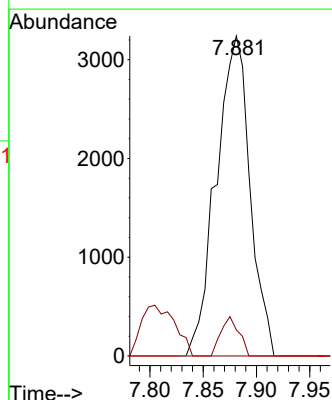
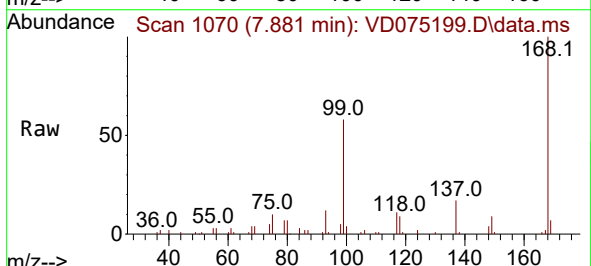
Tgt Ion: 75 Resp: 7139

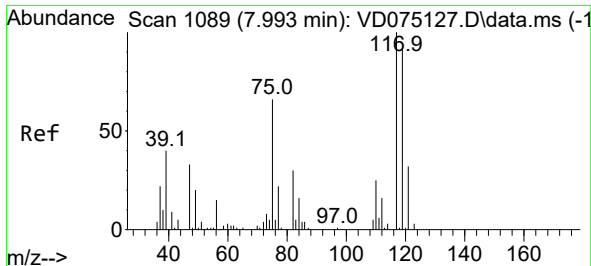
Ion Ratio Lower Upper

75 100

110 6.6 18.1 54.4#

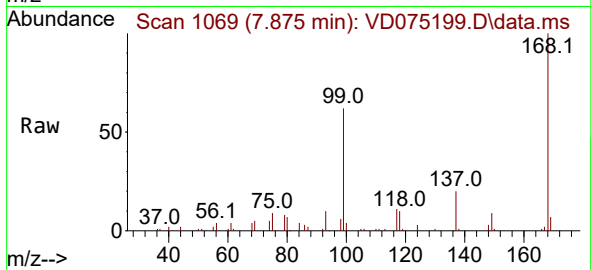
77 0.0 25.1 37.7#



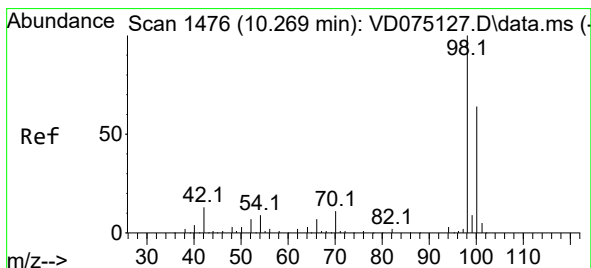
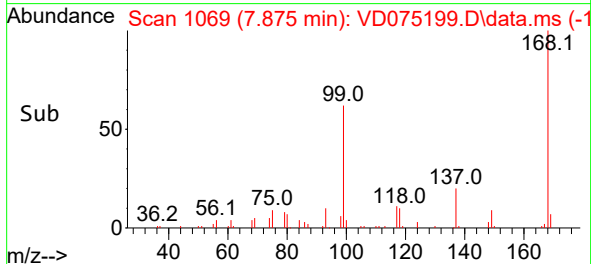
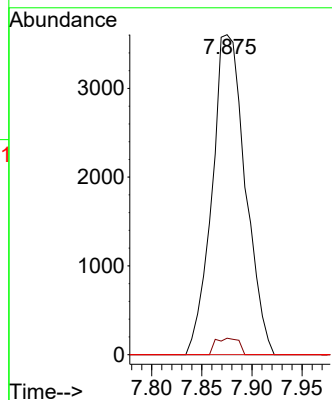


#38
Carbon Tetrachloride
Concen: 6.595 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD075199.D
Acq: 25 Jan 2023 12:45

Instrument :
MSVOA_D
ClientSampleId :
JC-1-012323

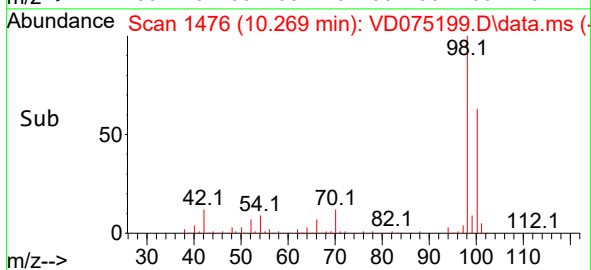
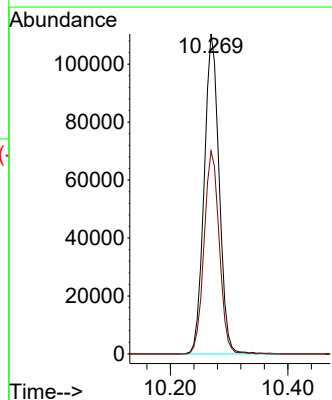
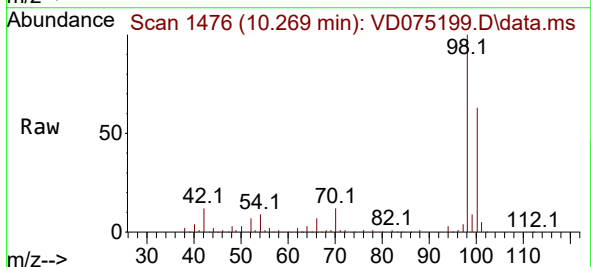


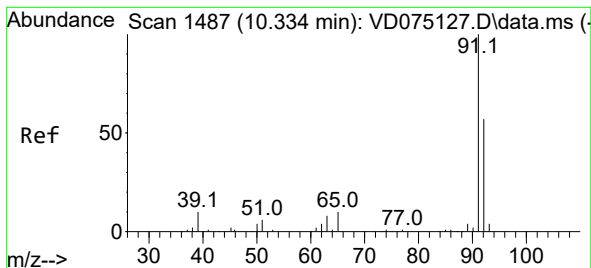
Tgt Ion:117 Resp: 8354
Ion Ratio Lower Upper
117 100
119 5.2 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 52.805 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075199.D
Acq: 25 Jan 2023 12:45

Tgt Ion: 98 Resp: 194680
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1





#52

Toluene

Concen: 1.203 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075199.D

Acq: 25 Jan 2023 12:45

Instrument :

MSVOA_D

ClientSampleId :

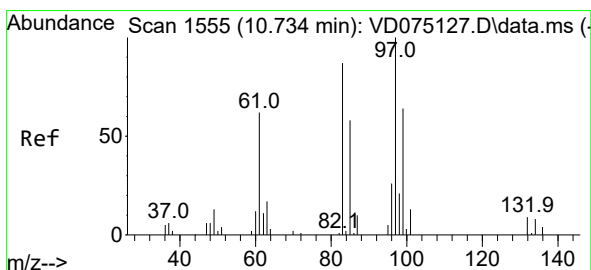
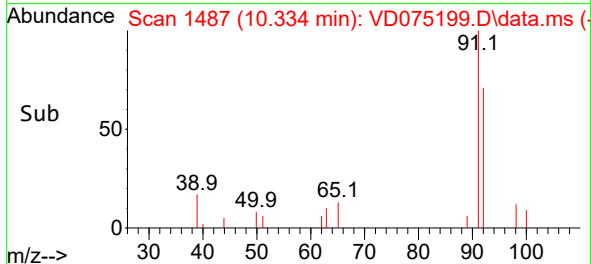
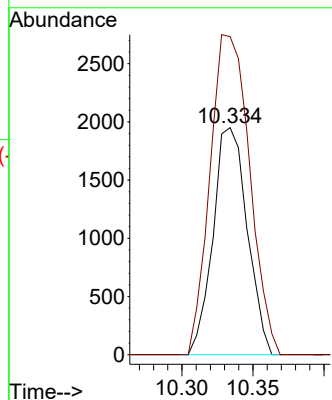
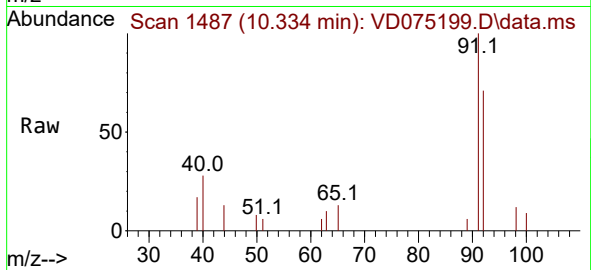
JC-1-012323

Tgt Ion: 92 Resp: 3262

Ion Ratio Lower Upper

92 100

91 163.3 137.0 205.4



#55

1,1,2-Trichloroethane

Concen: 1.188 ug/l

RT: 10.716 min Scan# 1552

Delta R.T. -0.018 min

Lab File: VD075199.D

Acq: 25 Jan 2023 12:45

Tgt Ion: 97 Resp: 876

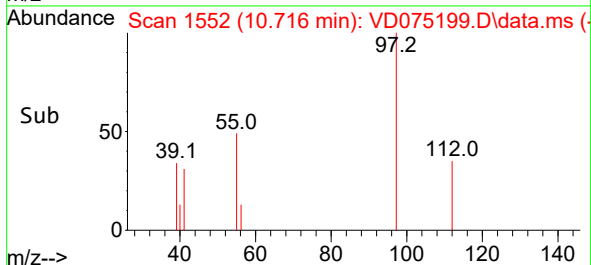
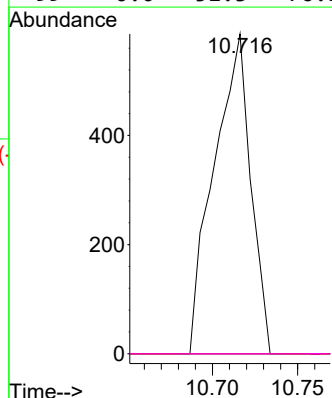
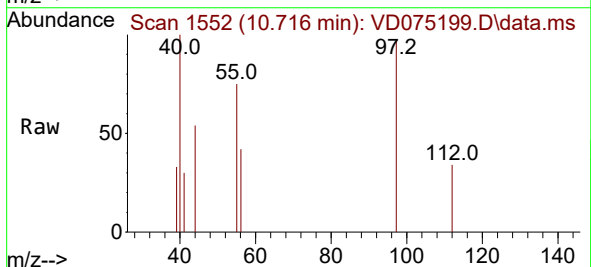
Ion Ratio Lower Upper

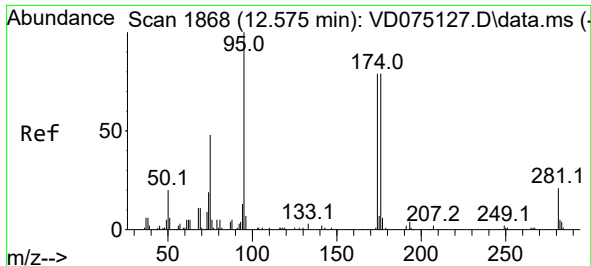
97 100

83 0.0 69.4 104.0#

85 0.0 46.0 69.0#

99 0.0 51.3 76.9#

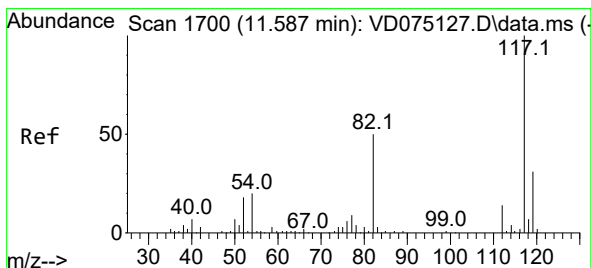
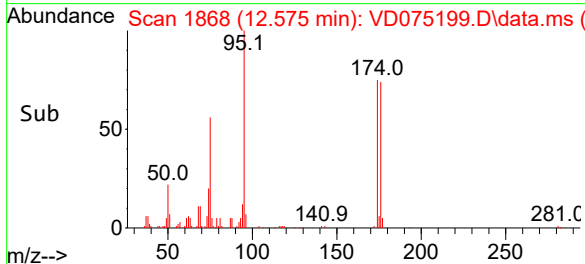
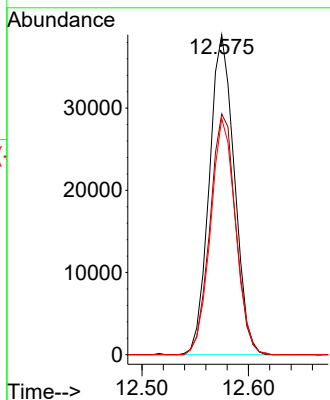
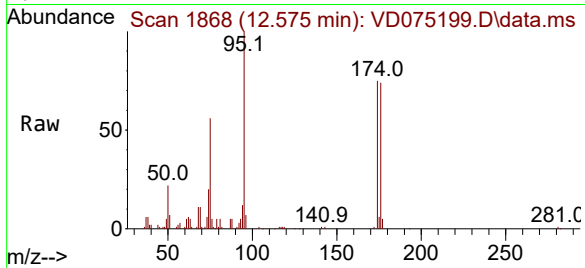




#62
4-Bromofluorobenzene
Concen: 54.476 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075199.D
Acq: 25 Jan 2023 12:45

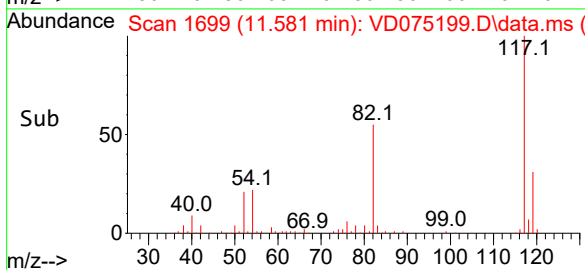
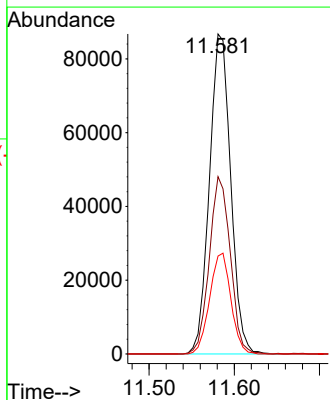
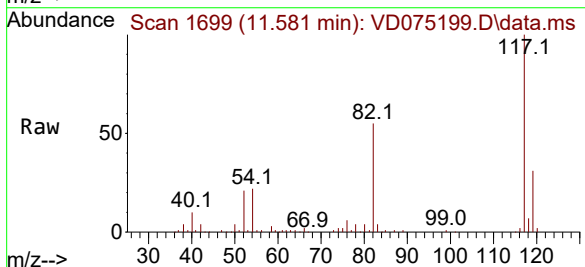
Instrument :
MSVOA_D
ClientSampleId :
JC-1-012323

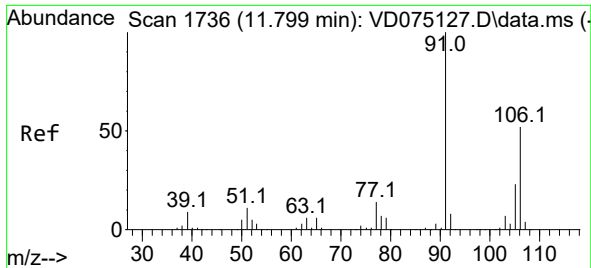
Tgt Ion: 95 Resp: 63740
Ion Ratio Lower Upper
95 100
174 76.7 0.0 161.2
176 73.6 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075199.D
Acq: 25 Jan 2023 12:45

Tgt Ion: 117 Resp: 150597
Ion Ratio Lower Upper
117 100
82 55.4 39.6 59.4
119 30.6 24.6 37.0

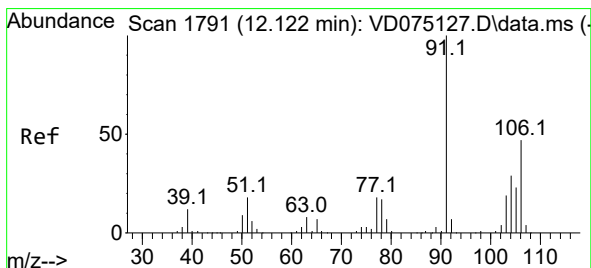
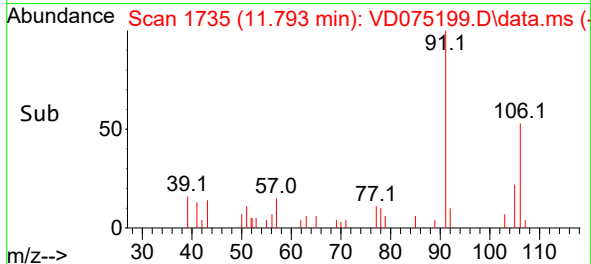
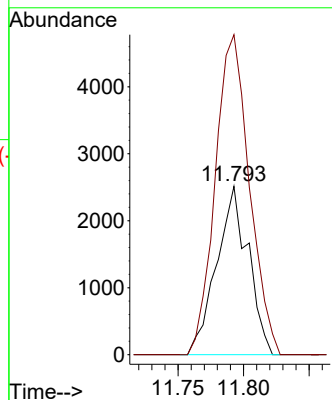
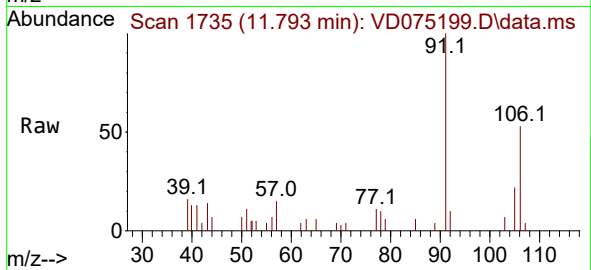




#68
m/p-Xylenes
Concen: 1.966 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075199.D
Acq: 25 Jan 2023 12:45

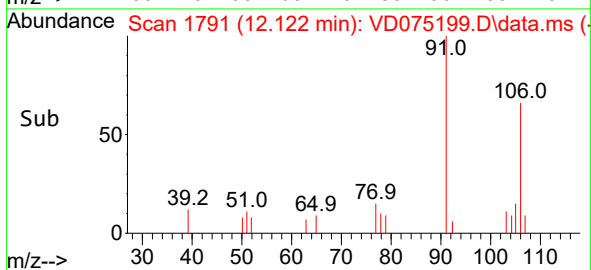
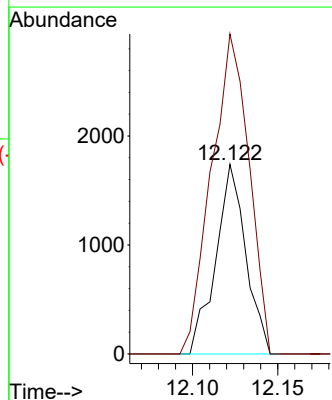
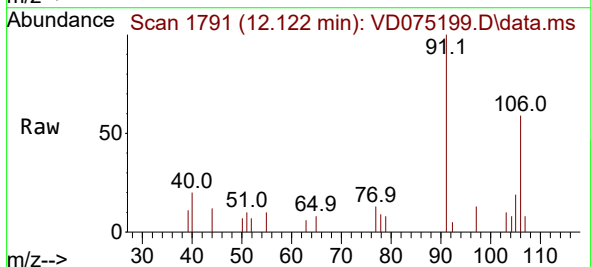
Instrument :
MSVOA_D
ClientSampleId :
JC-1-012323

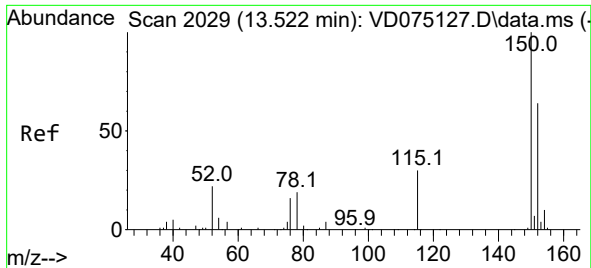
Tgt Ion:106 Resp: 4219
Ion Ratio Lower Upper
106 100
91 205.0 160.3 240.5



#69
o-Xylene
Concen: 1.062 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075199.D
Acq: 25 Jan 2023 12:45

Tgt Ion:106 Resp: 2137
Ion Ratio Lower Upper
106 100
91 210.7 103.6 310.9

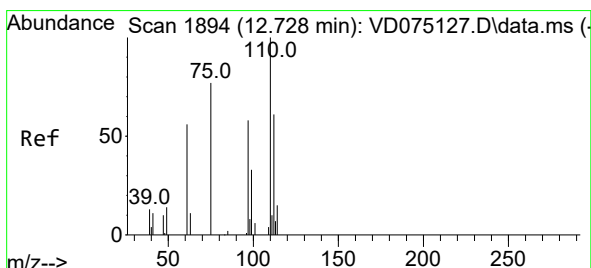
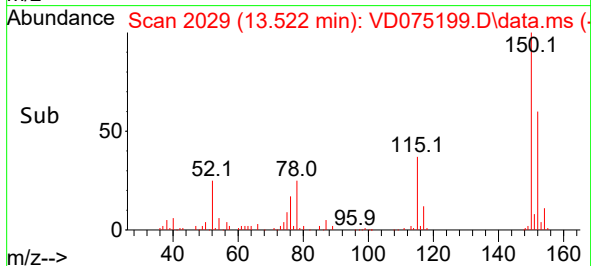
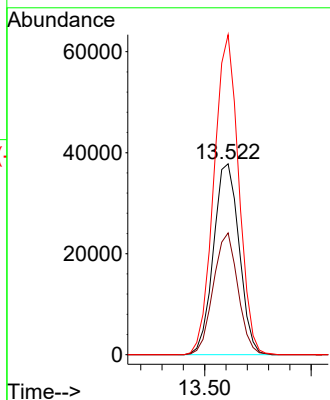
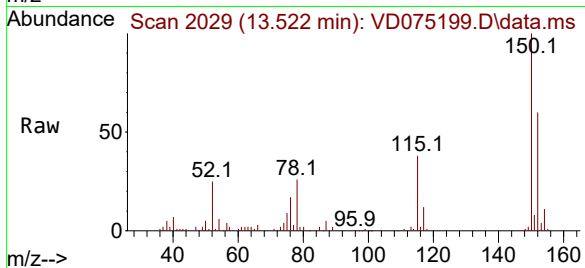




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075199.D
Acq: 25 Jan 2023 12:45

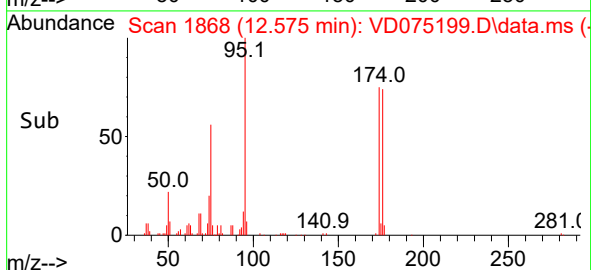
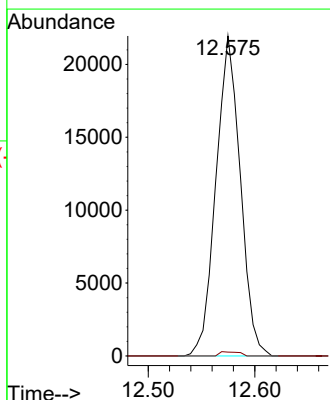
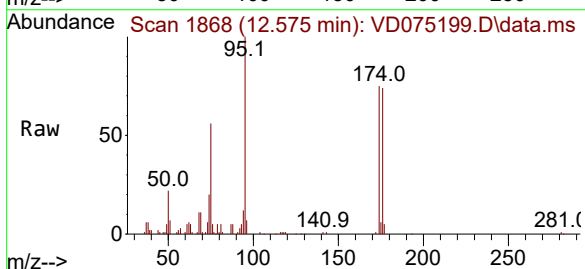
Instrument :
MSVOA_D
ClientSampleId :
JC-1-012323

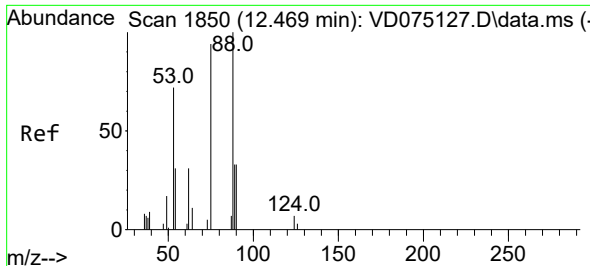
Tgt Ion:152 Resp: 63169
Ion Ratio Lower Upper
152 100
115 61.2 28.8 86.4
150 161.5 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 65.079 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075199.D
Acq: 25 Jan 2023 12:45

Tgt Ion: 75 Resp: 34817
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

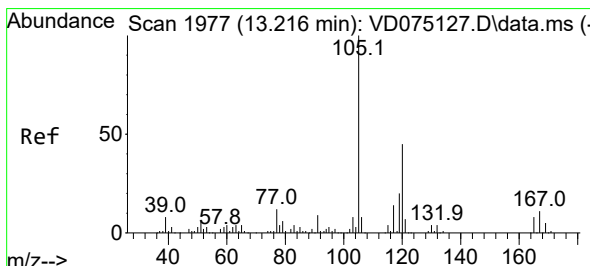
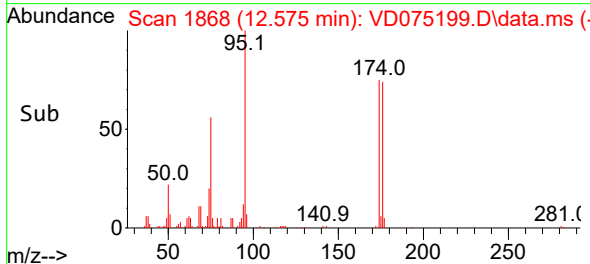
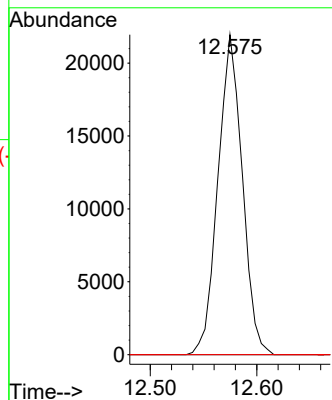
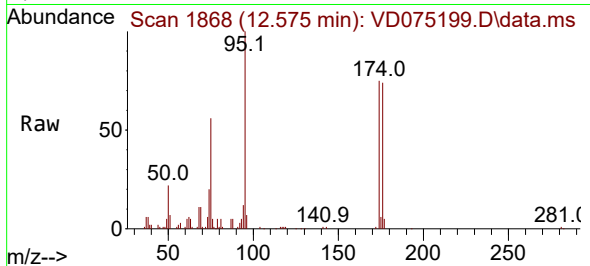




#81
trans-1,4-Dichloro-2-butene
Concen: 150.956 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075199.D
Acq: 25 Jan 2023 12:45

Instrument :
MSVOA_D
ClientSampleId :
JC-1-012323

Tgt Ion: 75 Resp: 34817
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#



#84
1,2,4-Trimethylbenzene
Concen: 3.090 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD075199.D
Acq: 25 Jan 2023 12:45

Tgt Ion: 105 Resp: 12405
Ion Ratio Lower Upper
105 100
120 43.9 23.2 69.5

