

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012623\
 Data File : VD075215.D
 Acq On : 26 Jan 2023 17:18
 Operator : KP/SY
 Sample : 01318-03
 Misc : 6.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DR-1-012523

Quant Time: Jan 27 00:26:18 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)

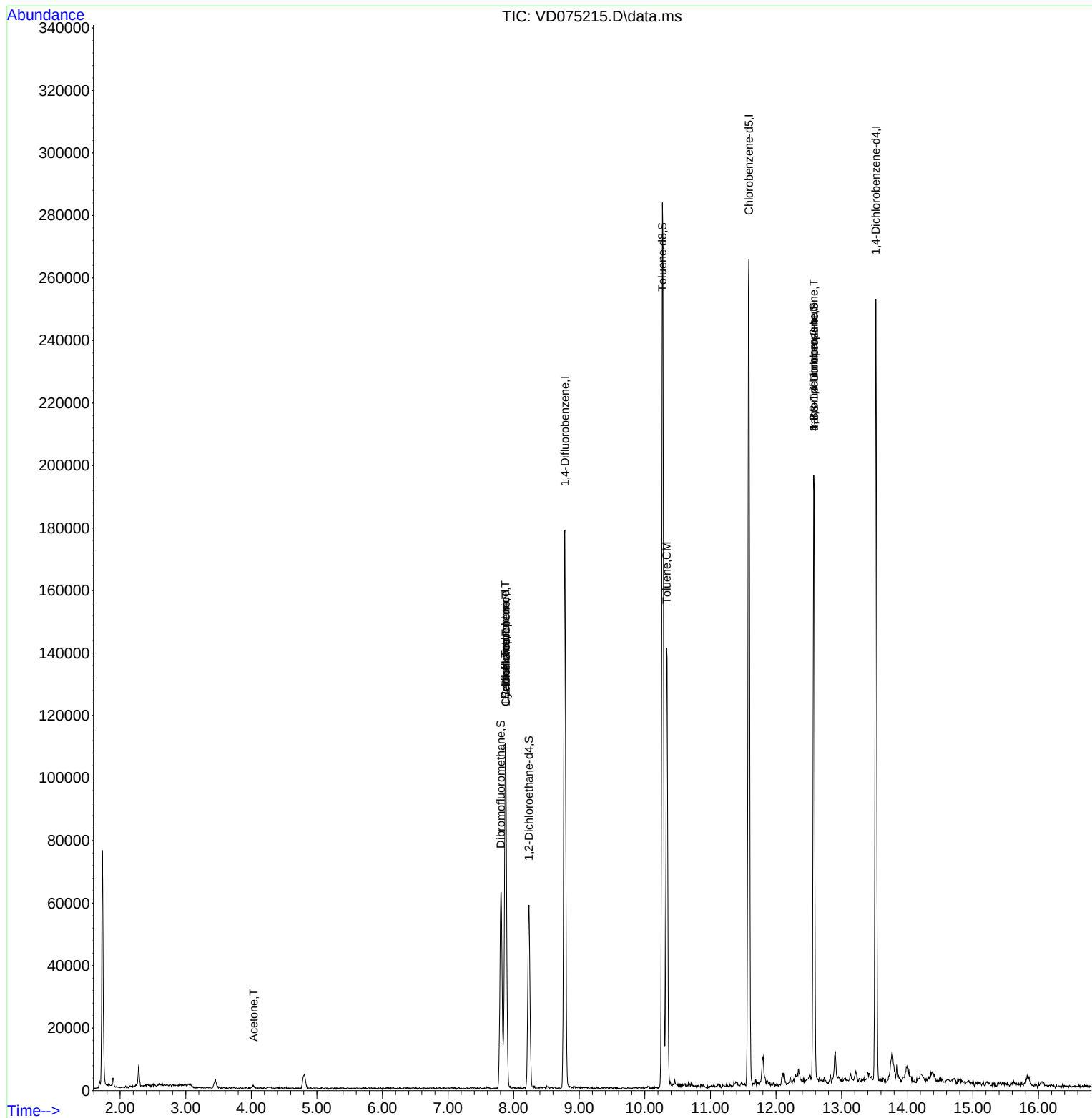
Internal Standards						
1) Pentafluorobenzene	7.875	168	83378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	156191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	146851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	61428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	46625	54.801	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.600%	
35) Dibromofluoromethane	7.804	113	45815	48.542	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.080%	
50) Toluene-d8	10.269	98	192004	51.667	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.340%	
62) 4-Bromofluorobenzene	12.575	95	61942	52.520	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.040%	
Target Compounds						Qvalue
16) Acetone	4.034	43	1324	5.900	ug/l #	42
20) Methylene Chloride	4.799	84	3354	Below Cal		90
31) Cyclohexane	7.881	56	2275	1.333	ug/l #	2
36) 1,1-Dichloropropene	7.881	75	7336	4.838	ug/l #	47
38) Carbon Tetrachloride	7.875	117	8660	6.783	ug/l #	19
52) Toluene	10.334	92	60506	22.140	ug/l	98
76) 1,2,3-Trichloropropane	12.575	75	32888	63.216	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	32888	146.634	ug/l #	14

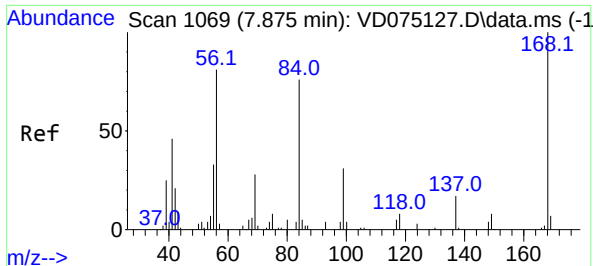
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

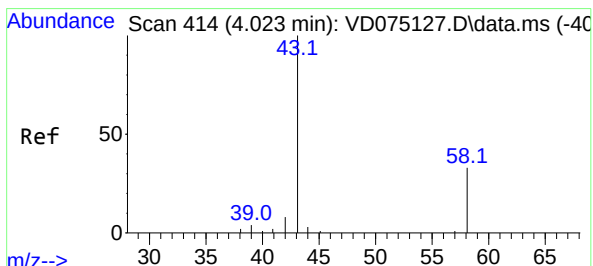
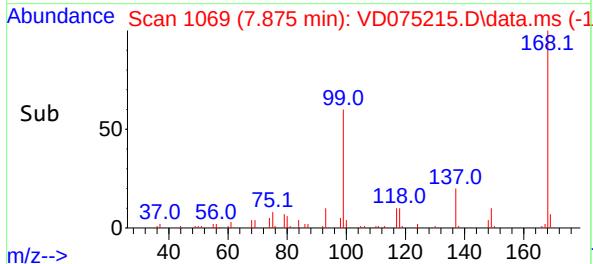
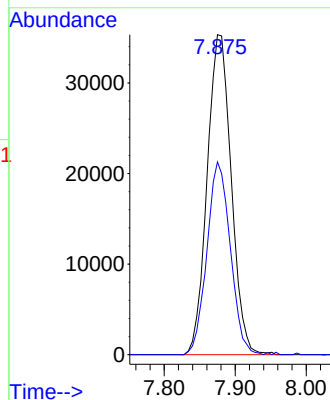
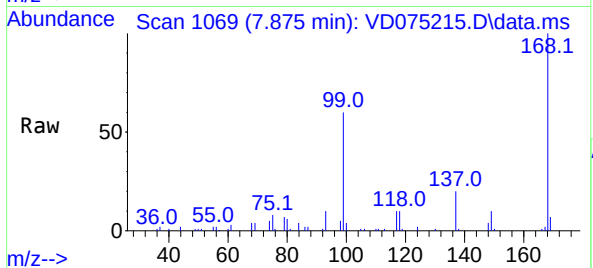




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075215.D
Acq: 26 Jan 2023 17:18

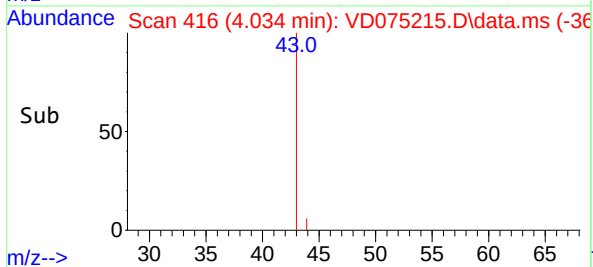
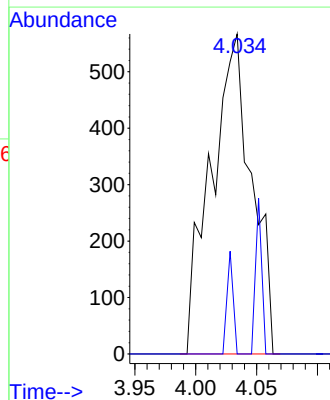
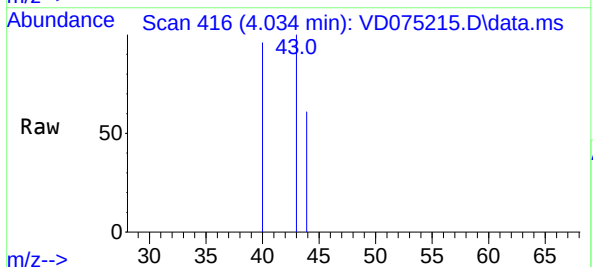
Instrument :
MSVOA_D
ClientSampleId :
DR-1-012523

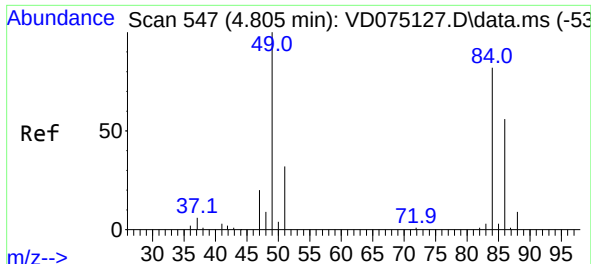
Tgt Ion:168 Resp: 83378
Ion Ratio Lower Upper
168 100
99 60.3 45.2 67.8



#16
Acetone
Concen: 5.900 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD075215.D
Acq: 26 Jan 2023 17:18

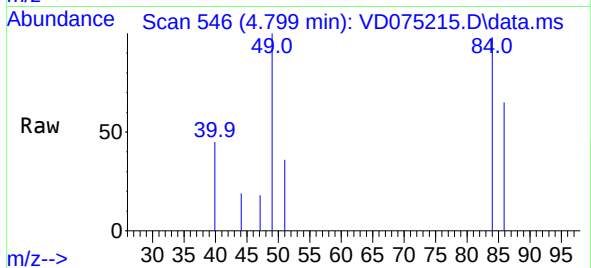
Tgt Ion: 43 Resp: 1324
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#





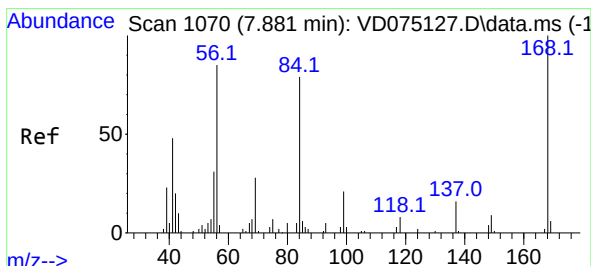
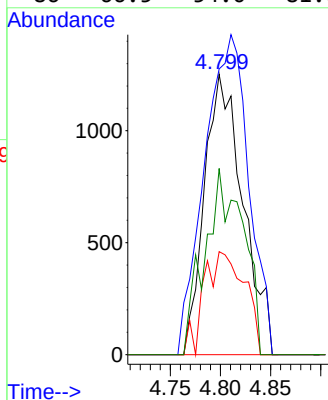
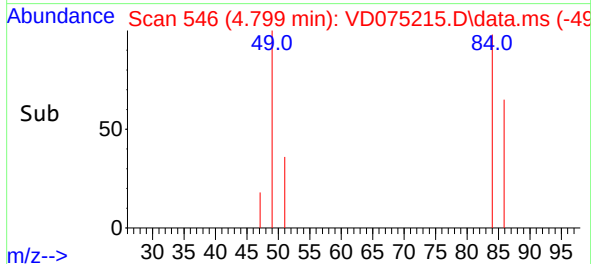
#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD075215.D
Acq: 26 Jan 2023 17:18

Instrument :
MSVOA_D
ClientSampleId :
DR-1-012523



Tgt Ion: 84 Resp: 3354

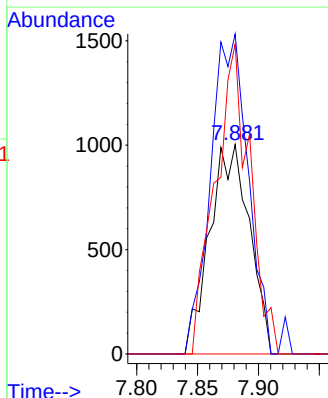
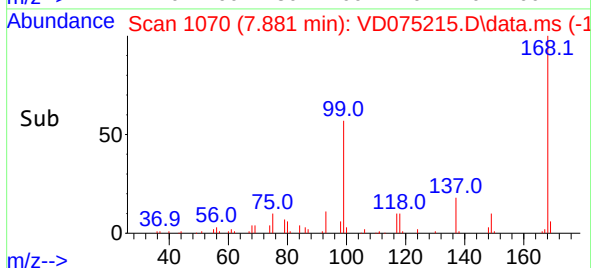
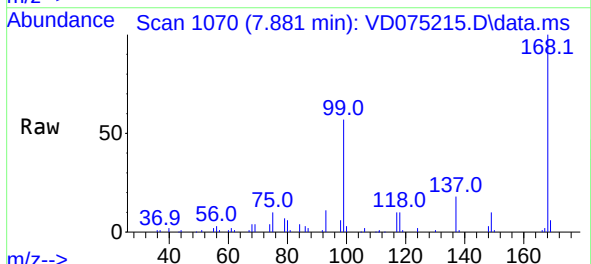
Ion	Ratio	Lower	Upper
84	100		
49	101.9	97.0	145.6
51	36.7	30.9	46.3
86	66.5	54.0	81.0

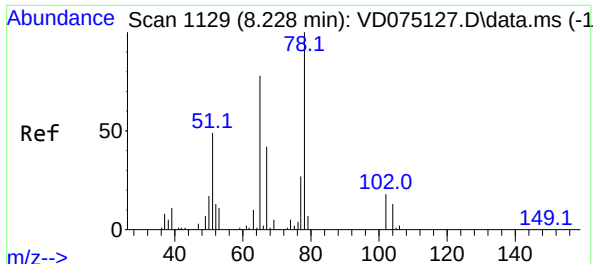


#31
Cyclohexane
Concen: 1.333 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075215.D
Acq: 26 Jan 2023 17:18

Tgt Ion: 56 Resp: 2275

Ion	Ratio	Lower	Upper
56	100		
69	152.8	26.6	40.0#
84	148.1	74.1	111.1#





#33

1,2-Dichloroethane-d4

Concen: 54.801 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075215.D

Acq: 26 Jan 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

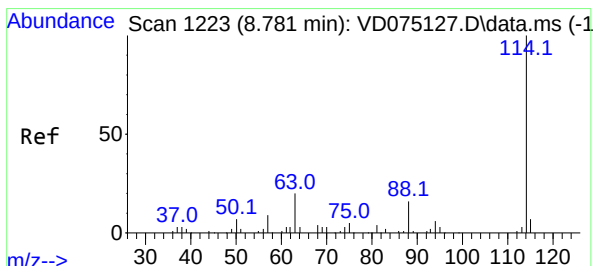
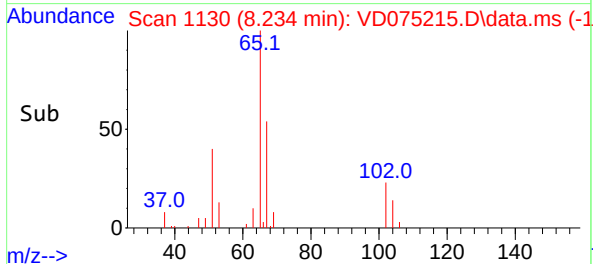
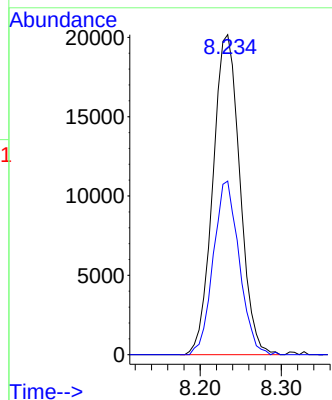
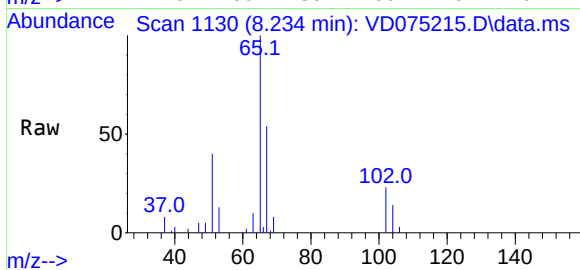
DR-1-012523

Tgt Ion: 65 Resp: 46625

Ion Ratio Lower Upper

65 100

67 52.2 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: VD075215.D

Acq: 26 Jan 2023 17:18

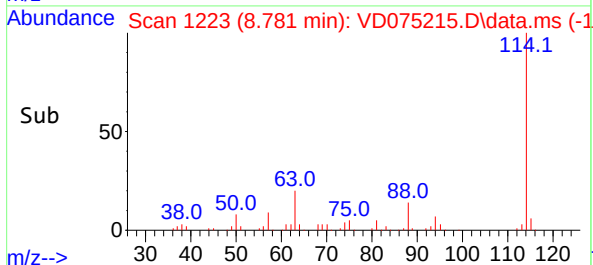
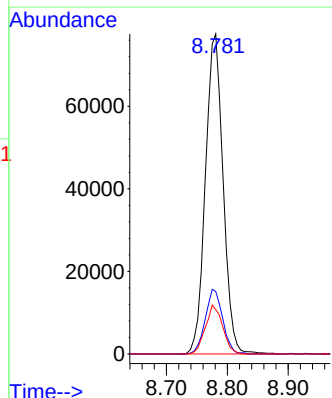
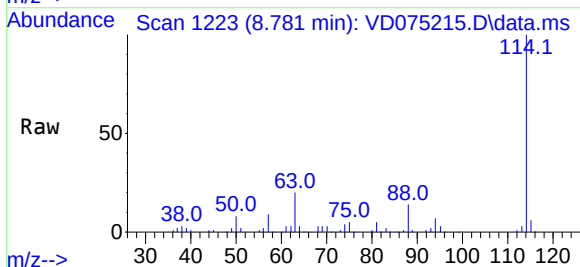
Tgt Ion: 114 Resp: 156191

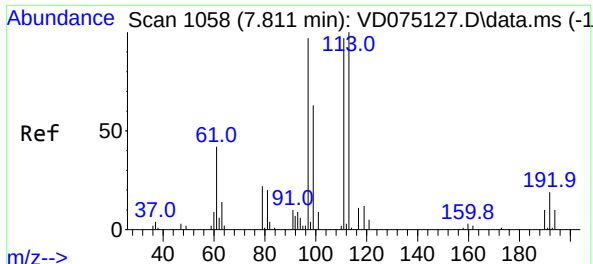
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

88 13.9 0.0 32.2

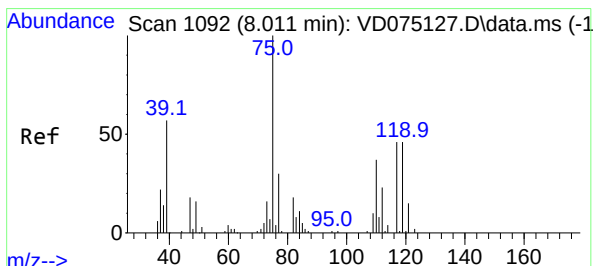
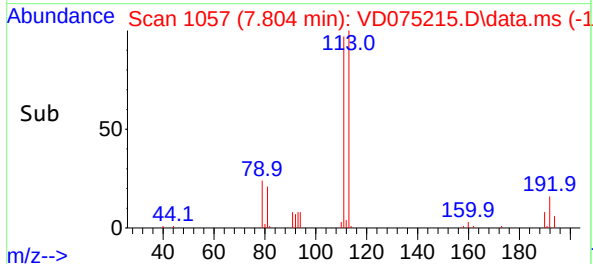
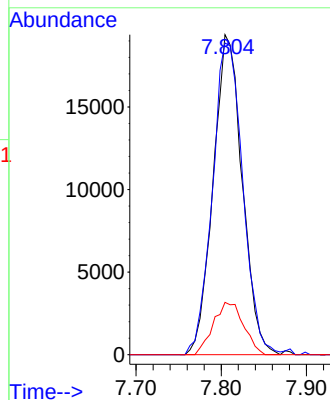
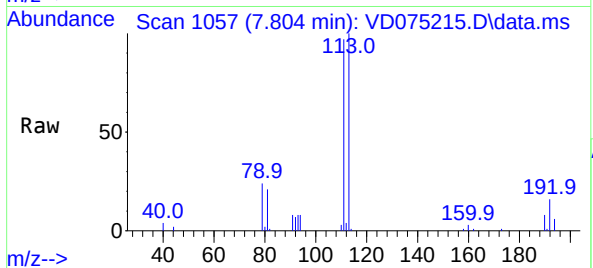




#35
Dibromofluoromethane
Concen: 48.542 ug/l
RT: 7.804 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD075215.D
Acq: 26 Jan 2023 17:18

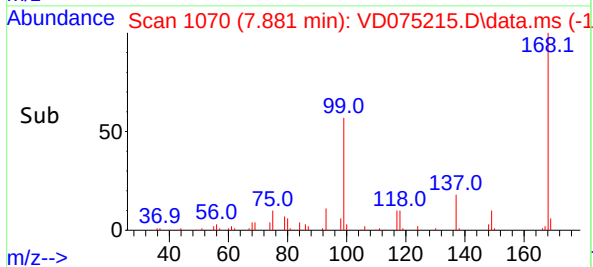
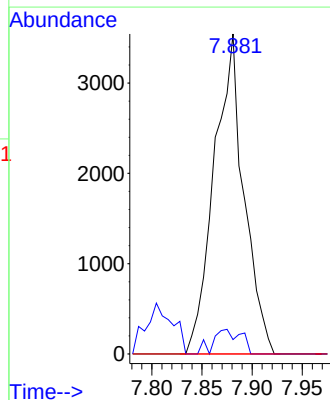
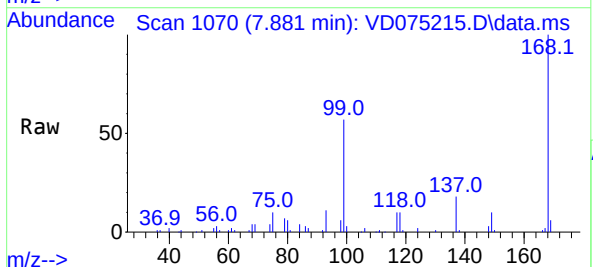
Instrument :
MSVOA_D
ClientSampleId :
DR-1-012523

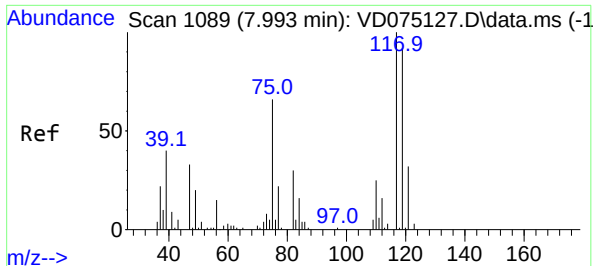
Tgt Ion:113 Resp: 45815
Ion Ratio Lower Upper
113 100
111 102.0 80.1 120.1
192 17.0 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.838 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.130 min
Lab File: VD075215.D
Acq: 26 Jan 2023 17:18

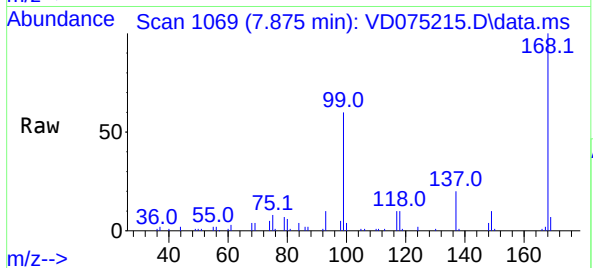
Tgt Ion: 75 Resp: 7336
Ion Ratio Lower Upper
75 100
110 7.2 18.1 54.4#
77 0.0 25.1 37.7#



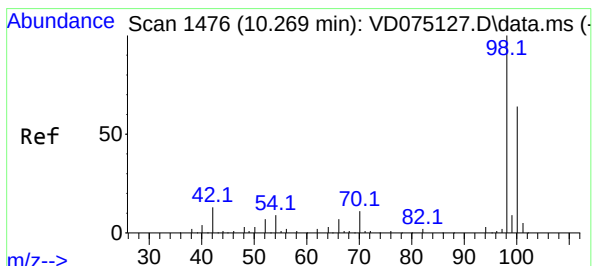
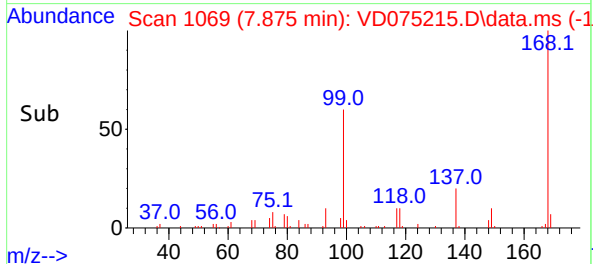
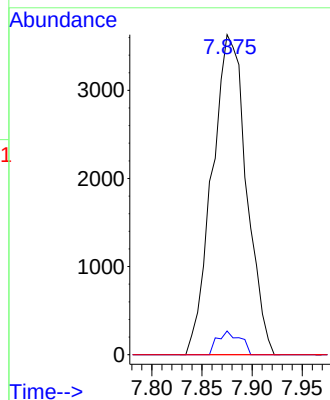


#38
Carbon Tetrachloride
Concen: 6.783 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD075215.D
Acq: 26 Jan 2023 17:18

Instrument :
MSVOA_D
ClientSampleId :
DR-1-012523

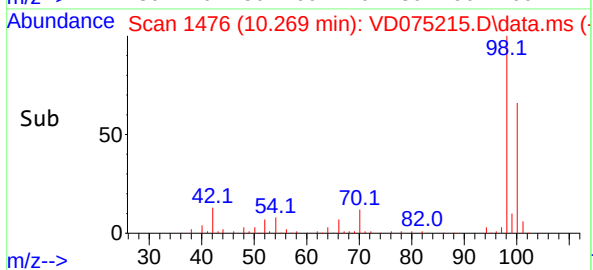
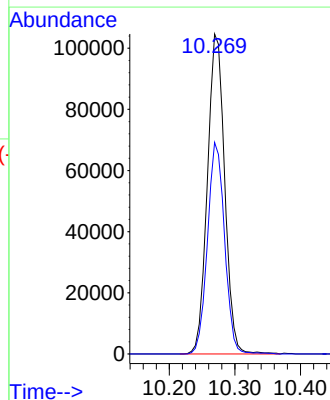
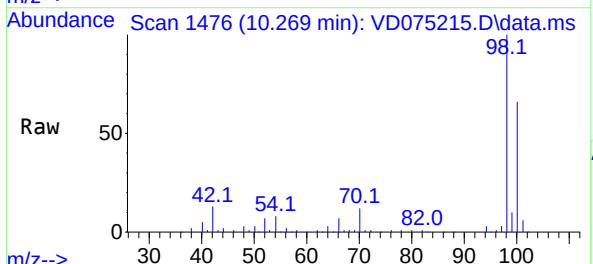


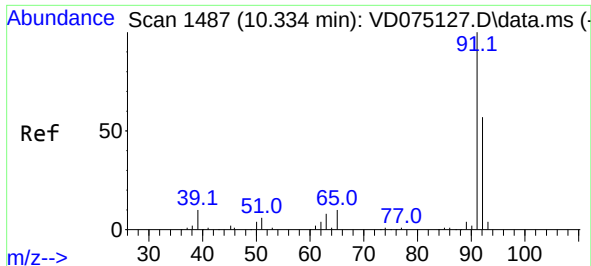
Tgt Ion:117 Resp: 8660
Ion Ratio Lower Upper
117 100
119 7.4 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 51.667 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075215.D
Acq: 26 Jan 2023 17:18

Tgt Ion: 98 Resp: 192004
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1

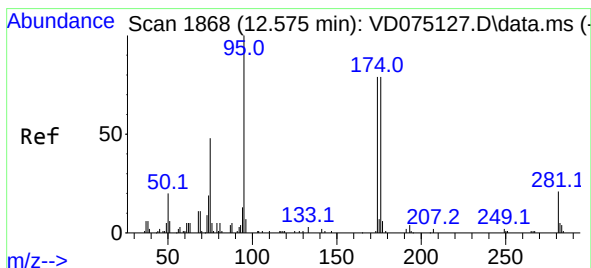
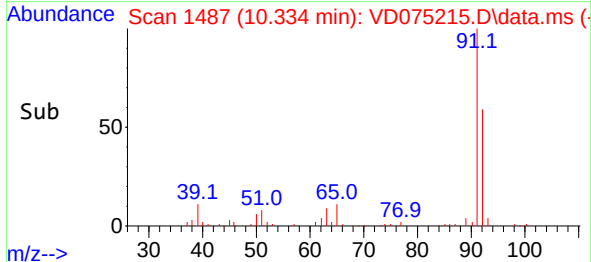
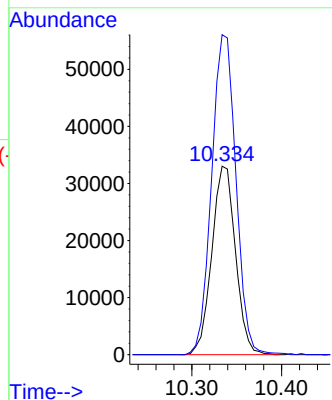
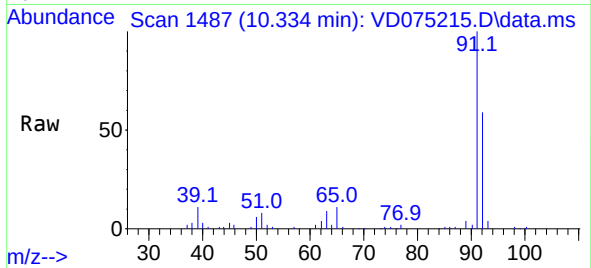




#52
Toluene
Concen: 22.140 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075215.D
Acq: 26 Jan 2023 17:18

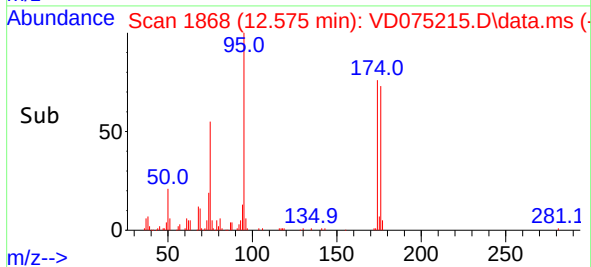
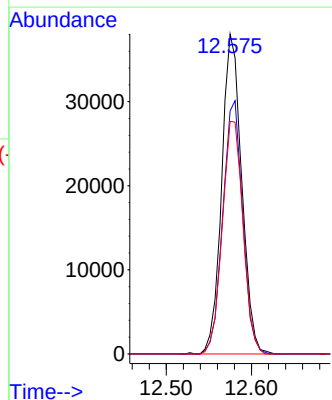
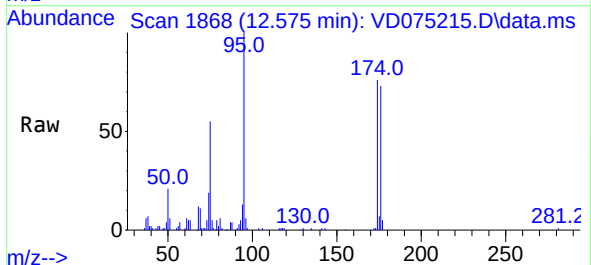
Instrument :
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ClientSampleId :
DR-1-012523

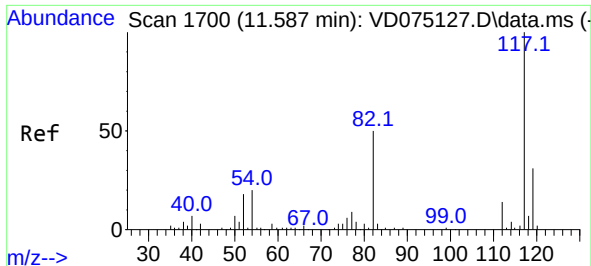
Tgt Ion: 92 Resp: 60506
Ion Ratio Lower Upper
92 100
91 174.4 137.0 205.4



#62
4-Bromofluorobenzene
Concen: 52.520 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075215.D
Acq: 26 Jan 2023 17:18

Tgt Ion: 95 Resp: 61942
Ion Ratio Lower Upper
95 100
174 78.6 0.0 161.2
176 75.3 0.0 160.2

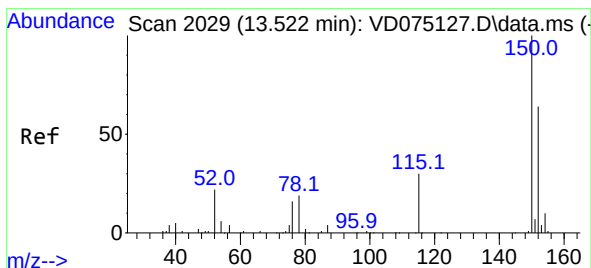
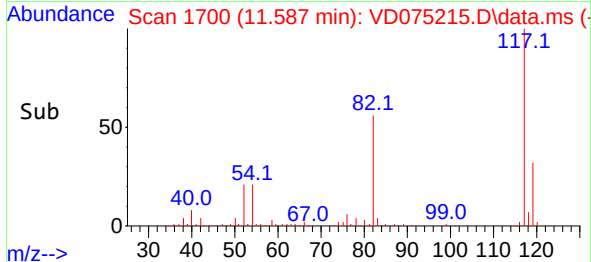
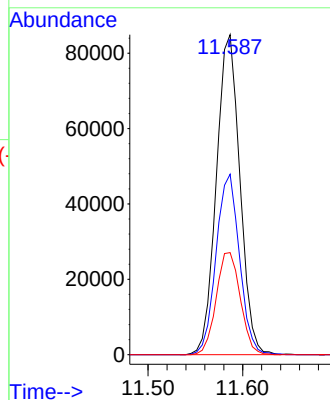
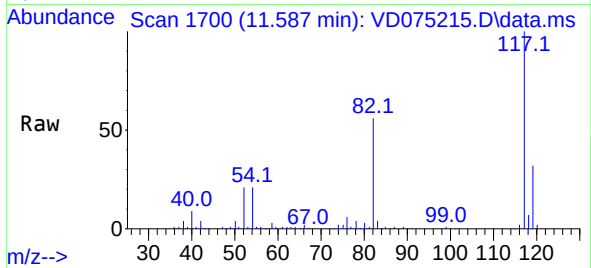




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075215.D
Acq: 26 Jan 2023 17:18

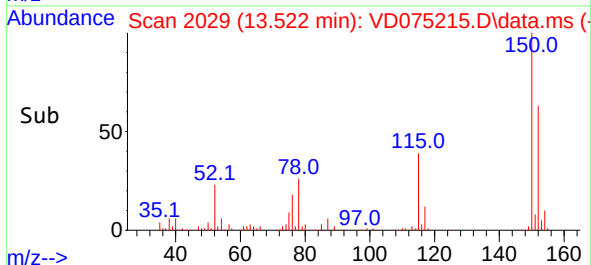
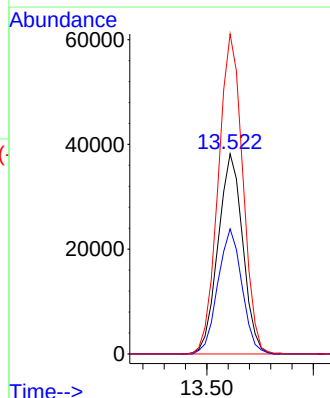
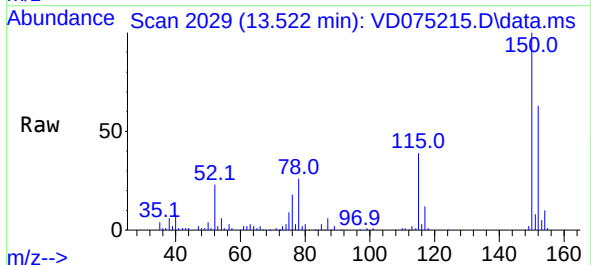
Instrument :
MSVOA_D
ClientSampleId :
DR-1-012523

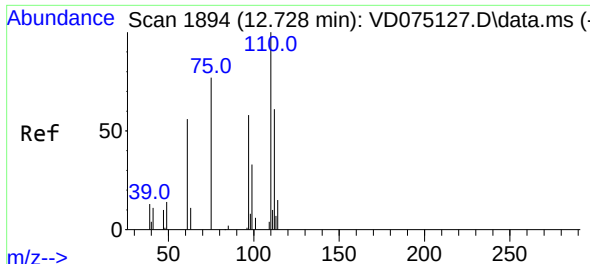
Tgt Ion:117 Resp: 146851
Ion Ratio Lower Upper
117 100
82 56.4 39.6 59.4
119 31.9 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075215.D
Acq: 26 Jan 2023 17:18

Tgt Ion:152 Resp: 61428
Ion Ratio Lower Upper
152 100
115 60.9 28.8 86.4
150 158.7 0.0 348.6

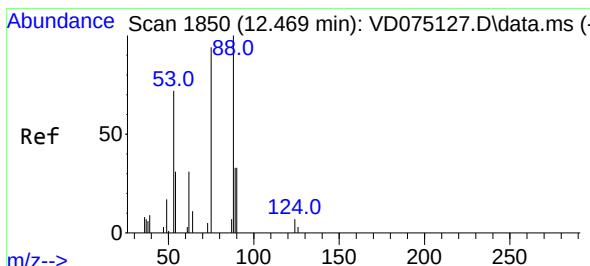
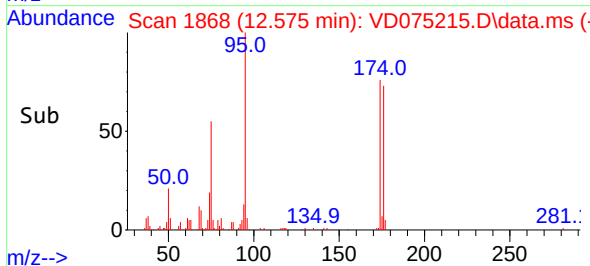
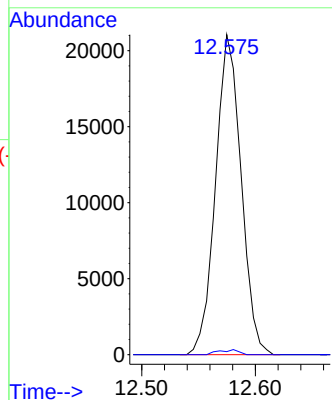
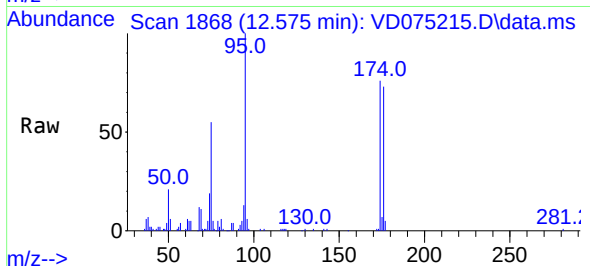




#76
1,2,3-Trichloropropane
Concen: 63.216 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075215.D
Acq: 26 Jan 2023 17:18

Instrument :
MSVOA_D
ClientSampleId :
DR-1-012523

Tgt Ion: 75 Resp: 32888
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 146.634 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075215.D
Acq: 26 Jan 2023 17:18

Tgt Ion: 75 Resp: 32888
Ion Ratio Lower Upper
75 100
53 0.2 70.5 105.7#
89 0.0 34.6 52.0#

