

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
 Data File : VD075243.D
 Acq On : 30 Jan 2023 17:39
 Operator : KP/SY
 Sample : 01360-01
 Misc : 5.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-WC

Quant Time: Jan 31 00:23:08 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)

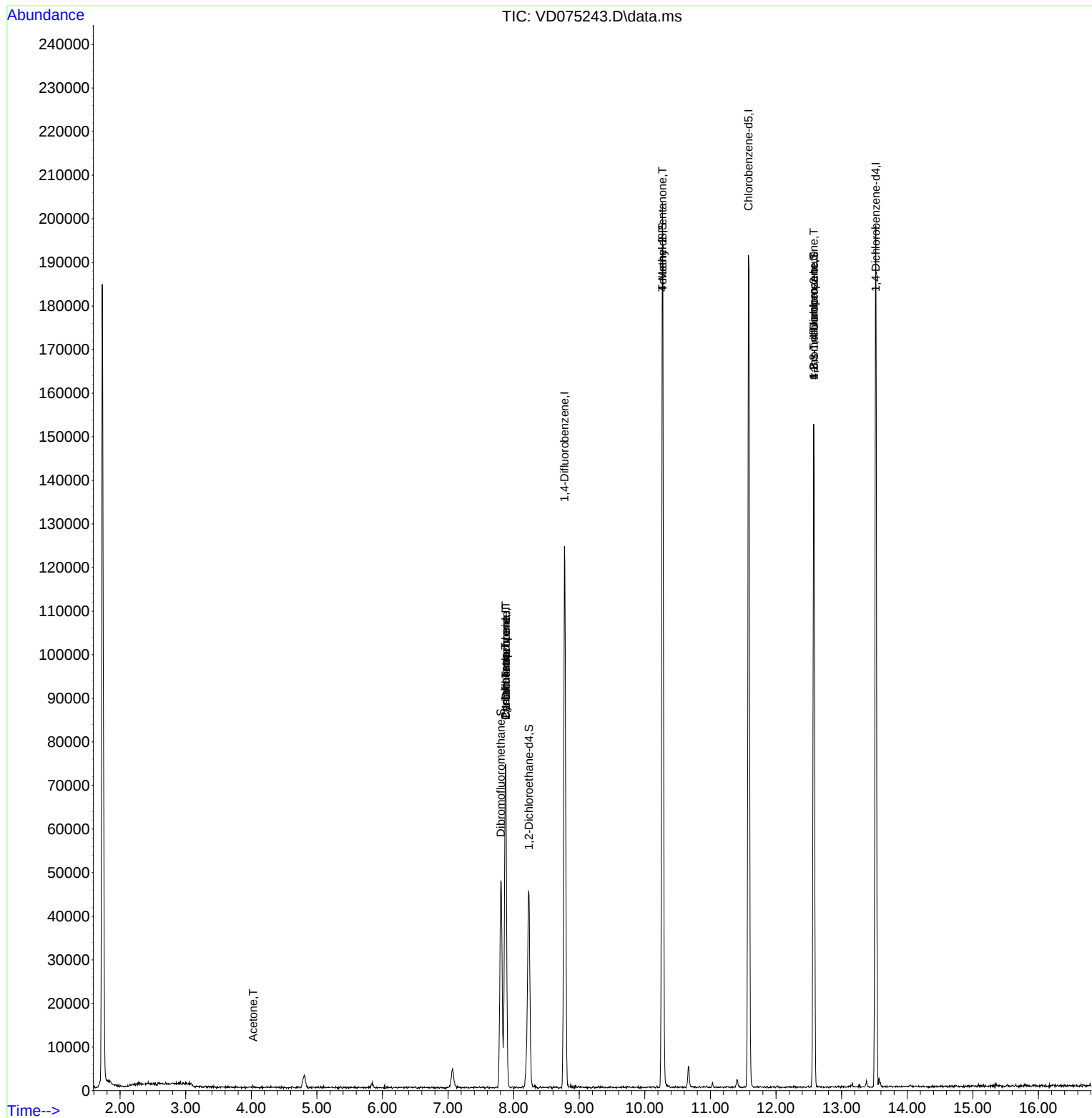
Internal Standards						
1) Pentafluorobenzene	7.881	168	57643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	107404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	108445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	50270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	34953	59.423	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.840%			
35) Dibromofluoromethane	7.804	113	34386	52.982	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.960%			
50) Toluene-d8	10.269	98	134273	52.545	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.080%			
62) 4-Bromofluorobenzene	12.575	95	45679	56.324	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.640%			
Target Compounds						
16) Acetone	4.028	43	260	1.676	ug/l #	42
20) Methylene Chloride	4.810	84	2288	Below Cal		97
31) Cyclohexane	7.875	56	1513	1.283	ug/l #	22
36) 1,1-Dichloropropene	7.881	75	4856	4.657	ug/l #	48
38) Carbon Tetrachloride	7.881	117	5765	6.566	ug/l #	20
51) 4-Methyl-2-Pentanone	10.269	43	682	1.737	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	25022	58.772	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	25022	136.325	ug/l #	14

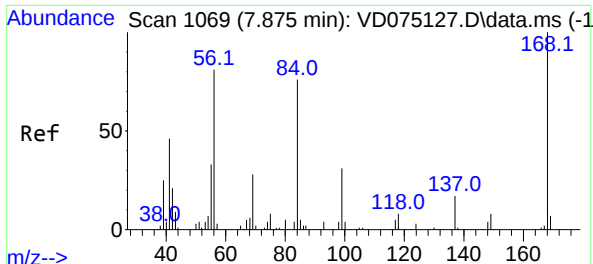
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
TP-3-WC

Quant Time: Jan 31 00:23:08 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

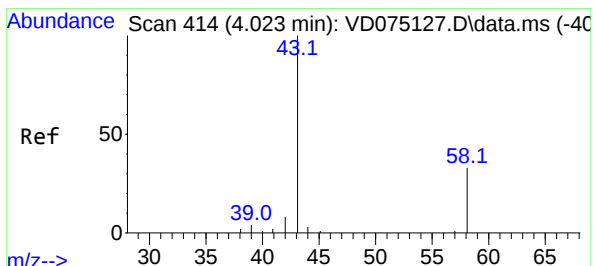
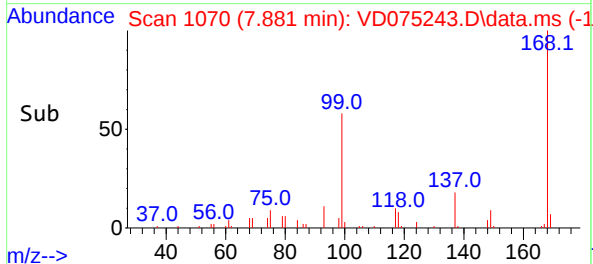
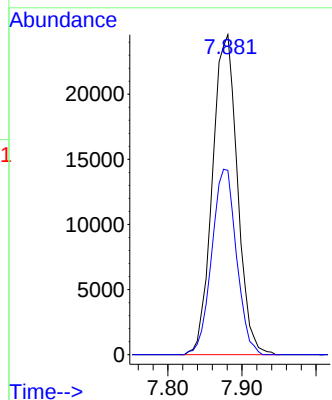
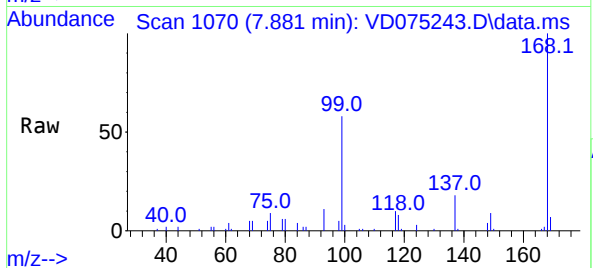




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075243.D
Acq: 30 Jan 2023 17:39

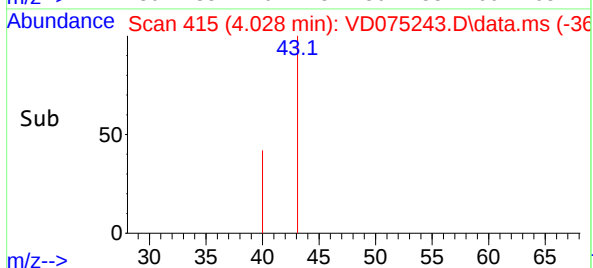
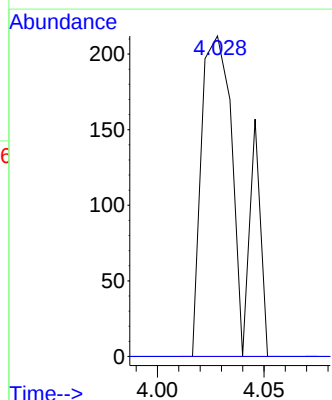
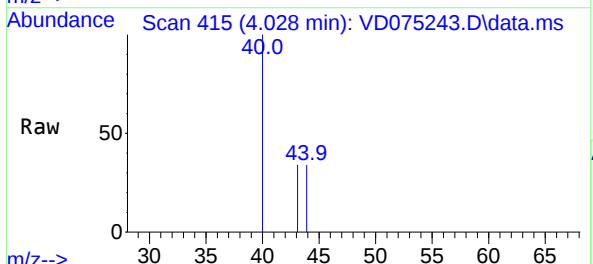
Instrument :
MSVOA_D
ClientSampleId :
TP-3-WC

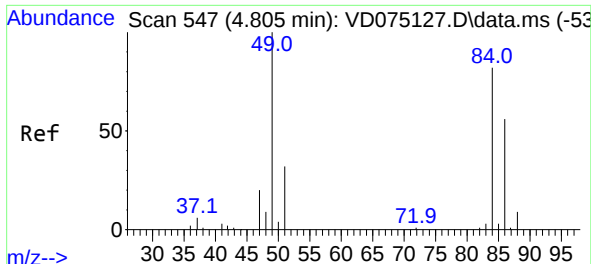
Tgt Ion:168 Resp: 57643
Ion Ratio Lower Upper
168 100
99 57.6 45.2 67.8



#16
Acetone
Concen: 1.676 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075243.D
Acq: 30 Jan 2023 17:39

Tgt Ion: 43 Resp: 260
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



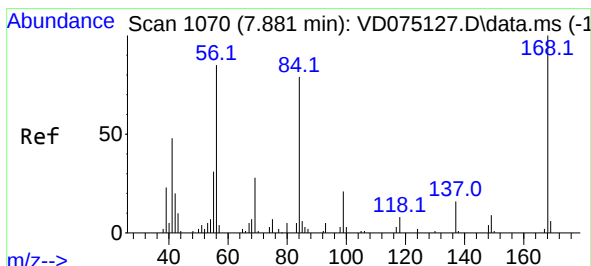
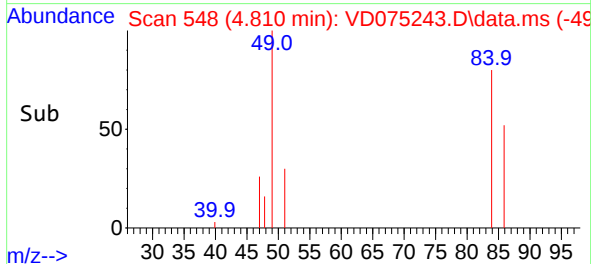
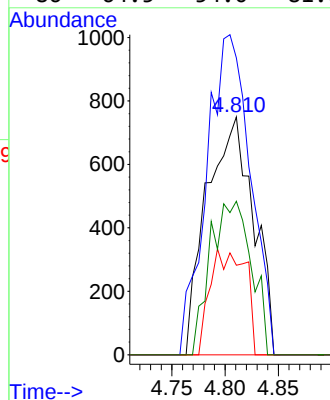
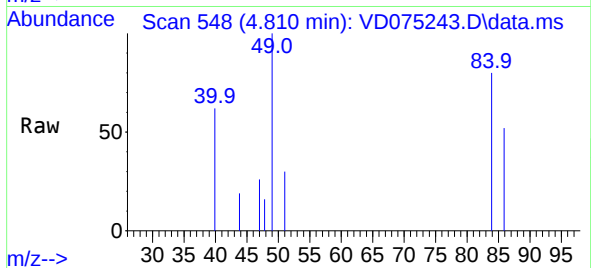


#20
Methylene Chloride
Concen: Below Cal
RT: 4.810 min Scan# 54
Delta R.T. 0.005 min
Lab File: VD075243.D
Acq: 30 Jan 2023 17:39

Instrument :
MSVOA_D
ClientSampleId :
TP-3-WC

Tgt Ion: 84 Resp: 2288

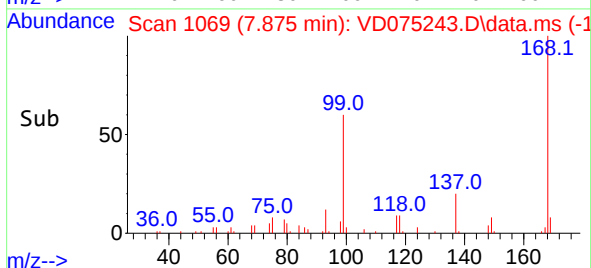
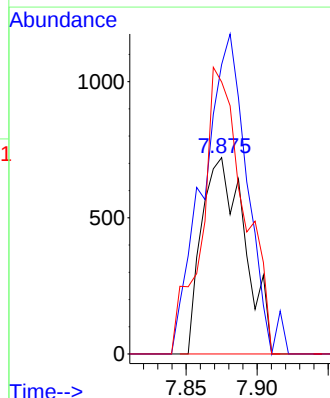
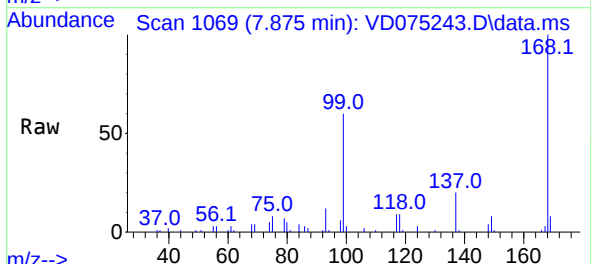
Ion	Ratio	Lower	Upper
84	100		
49	124.8	97.0	145.6
51	37.6	30.9	46.3
86	64.5	54.0	81.0

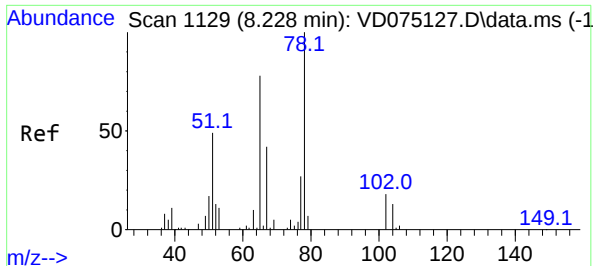


#31
Cyclohexane
Concen: 1.283 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075243.D
Acq: 30 Jan 2023 17:39

Tgt Ion: 56 Resp: 1513

Ion	Ratio	Lower	Upper
56	100		
69	125.5	26.6	40.0#
84	138.6	74.1	111.1#

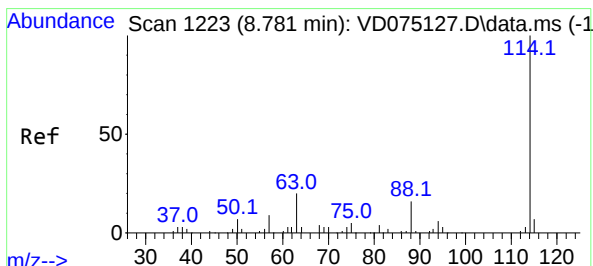
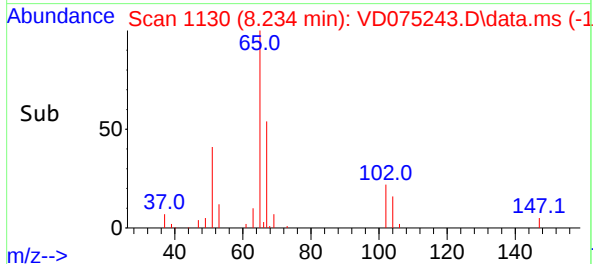
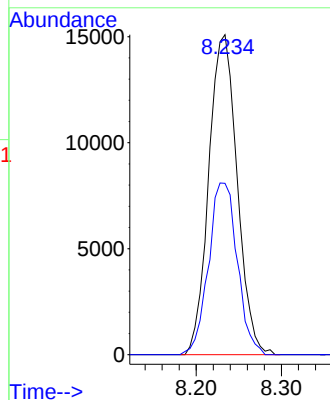
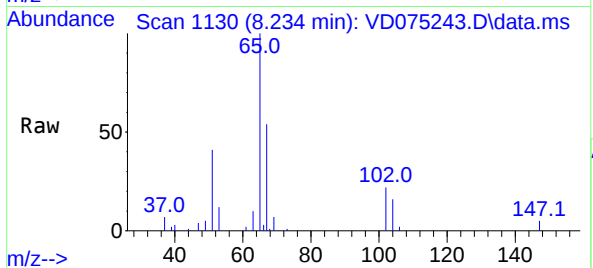




#33
1,2-Dichloroethane-d4
Concen: 59.423 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD075243.D
Acq: 30 Jan 2023 17:39

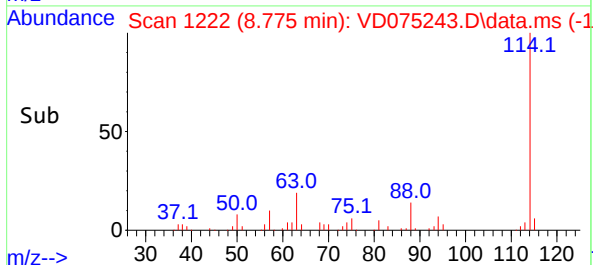
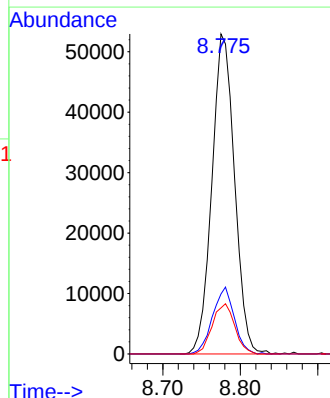
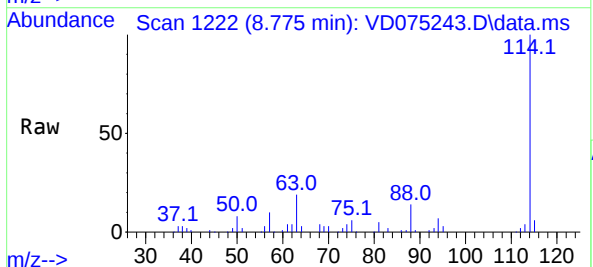
Instrument :
MSVOA_D
ClientSampleId :
TP-3-WC

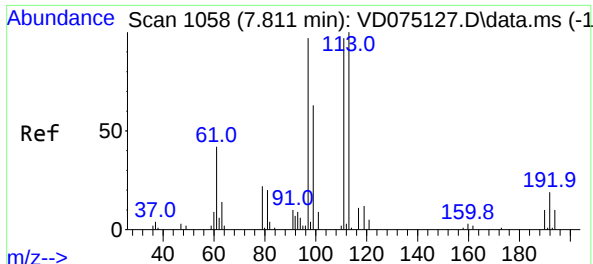
Tgt Ion: 65 Resp: 34953
Ion Ratio Lower Upper
65 100
67 54.3 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD075243.D
Acq: 30 Jan 2023 17:39

Tgt Ion: 114 Resp: 107404
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.2
88 14.4 0.0 32.2

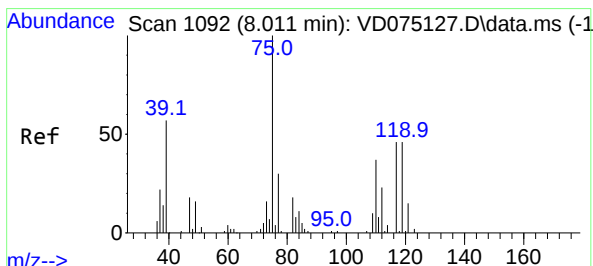
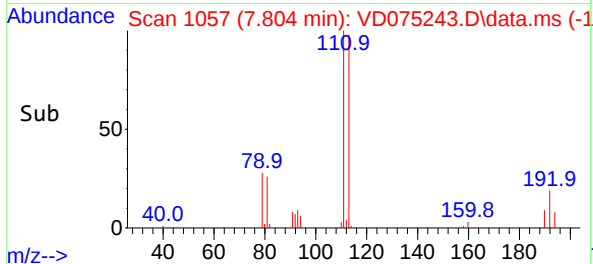
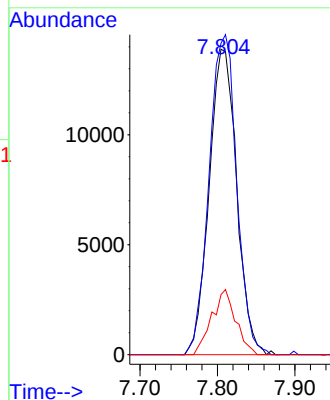
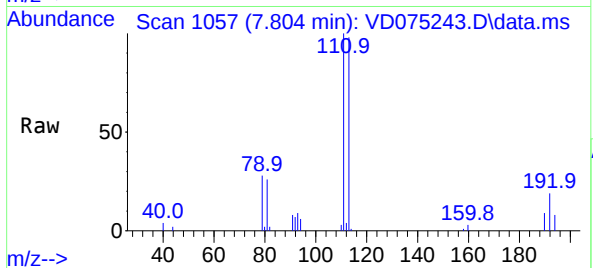




#35
Dibromofluoromethane
Concen: 52.982 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD075243.D
Acq: 30 Jan 2023 17:39

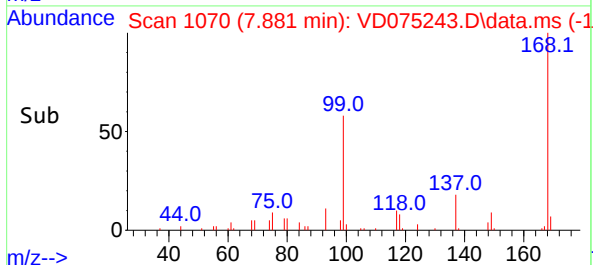
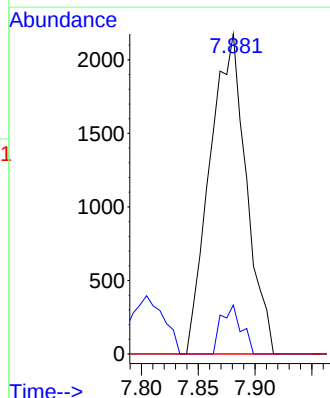
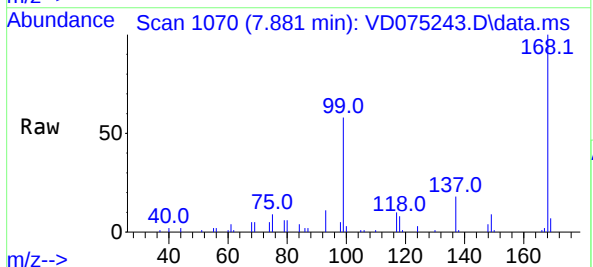
Instrument :
MSVOA_D
ClientSampleId :
TP-3-WC

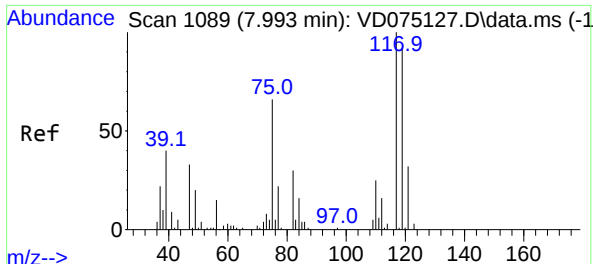
Tgt Ion:113 Resp: 34386
Ion Ratio Lower Upper
113 100
111 104.7 80.1 120.1
192 18.6 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.657 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.130 min
Lab File: VD075243.D
Acq: 30 Jan 2023 17:39

Tgt Ion: 75 Resp: 4856
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.1 37.7#

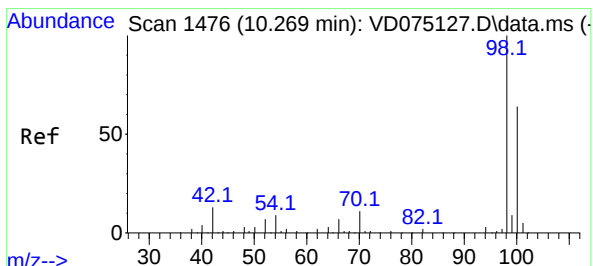
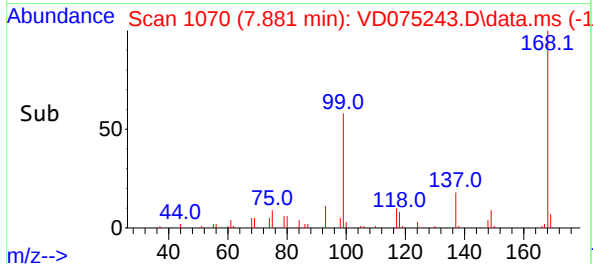
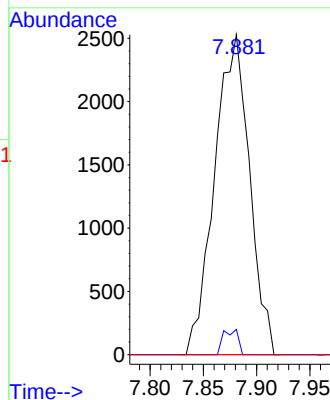
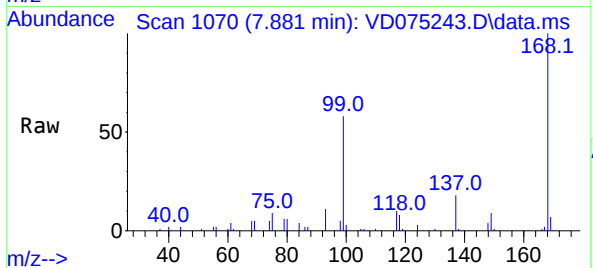




#38
Carbon Tetrachloride
Concen: 6.566 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD075243.D
Acq: 30 Jan 2023 17:39

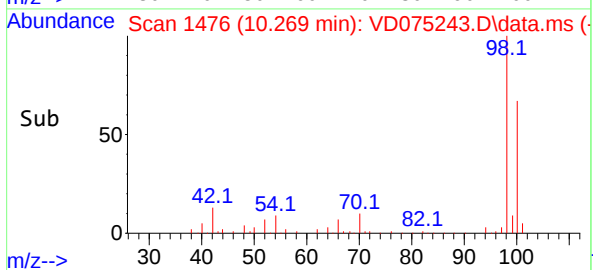
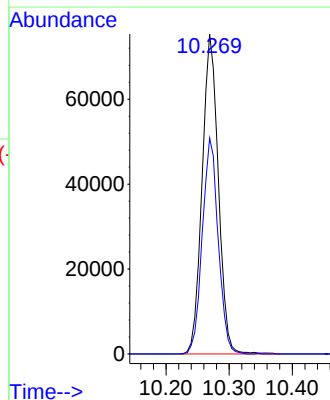
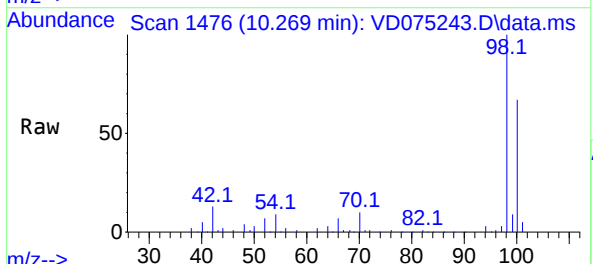
Instrument :
MSVOA_D
ClientSampleId :
TP-3-WC

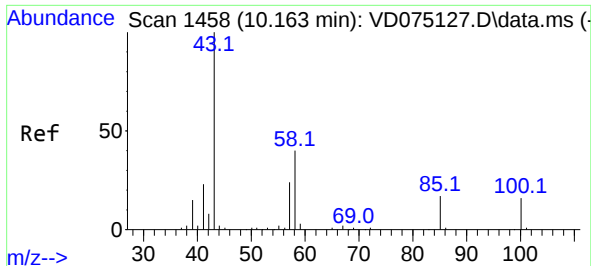
Tgt Ion:117 Resp: 5765
Ion Ratio Lower Upper
117 100
119 7.9 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 52.545 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075243.D
Acq: 30 Jan 2023 17:39

Tgt Ion: 98 Resp: 134273
Ion Ratio Lower Upper
98 100
100 66.3 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 1.737 ug/l

RT: 10.269 min Scan# 1458

Delta R.T. 0.106 min

Lab File: VD075243.D

Acq: 30 Jan 2023 17:39

Instrument :

MSVOA_D

ClientSampleId :

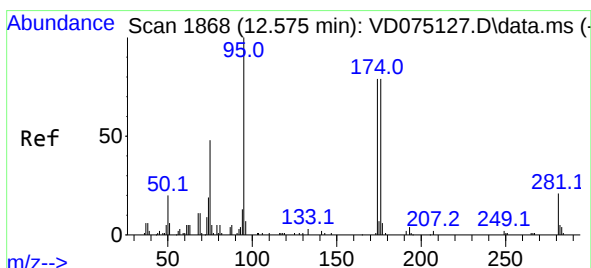
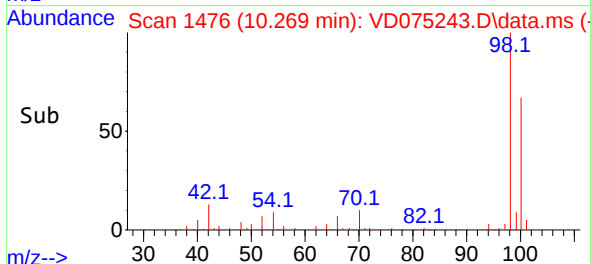
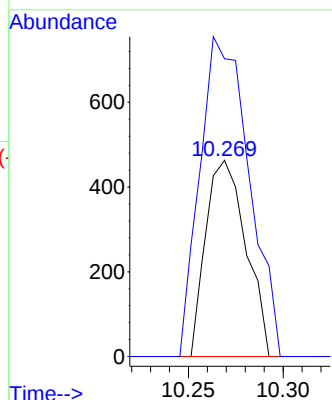
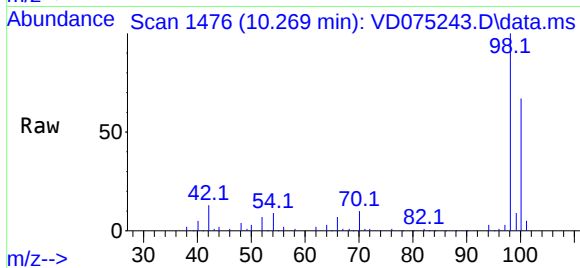
TP-3-WC

Tgt Ion: 43 Resp: 682

Ion Ratio Lower Upper

43 100

58 199.3 31.4 47.0#



#62

4-Bromofluorobenzene

Concen: 56.324 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075243.D

Acq: 30 Jan 2023 17:39

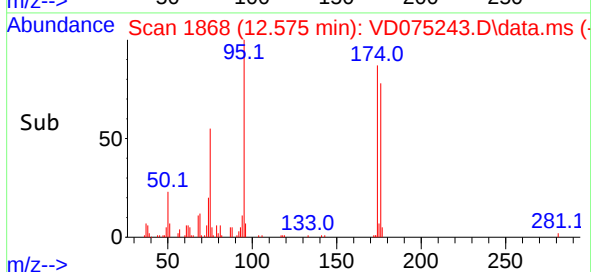
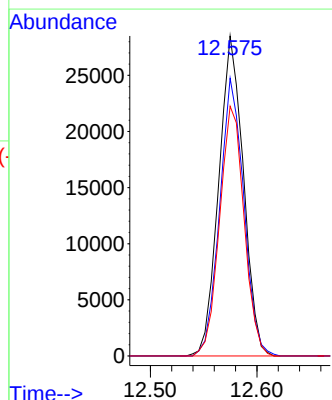
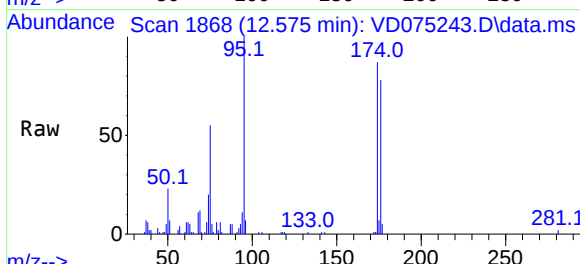
Tgt Ion: 95 Resp: 45679

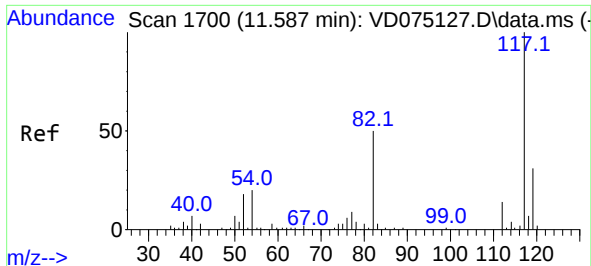
Ion Ratio Lower Upper

95 100

174 84.9 0.0 161.2

176 77.7 0.0 160.2

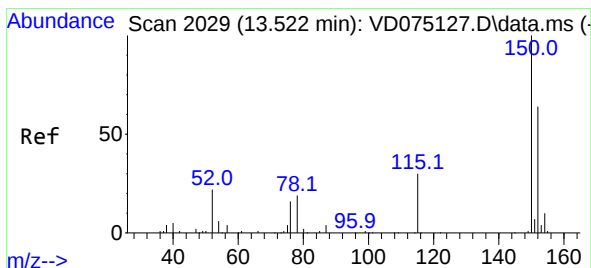
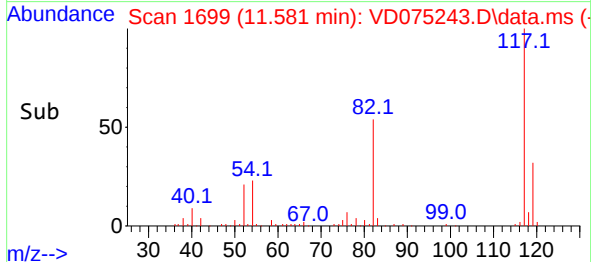
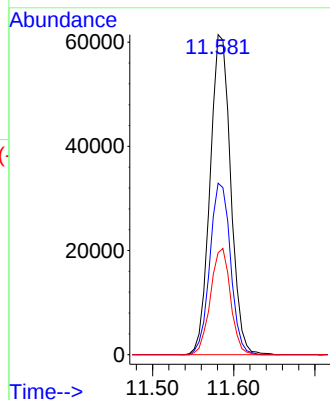
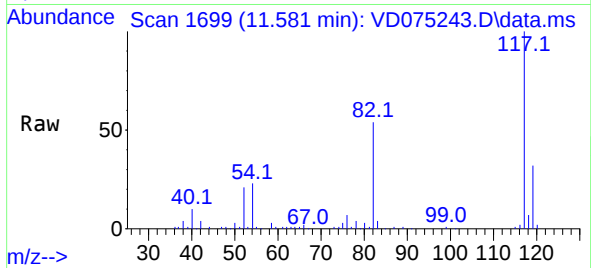




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD075243.D
Acq: 30 Jan 2023 17:39

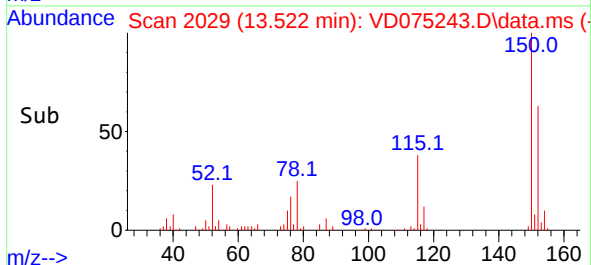
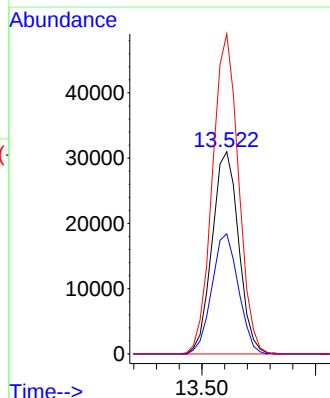
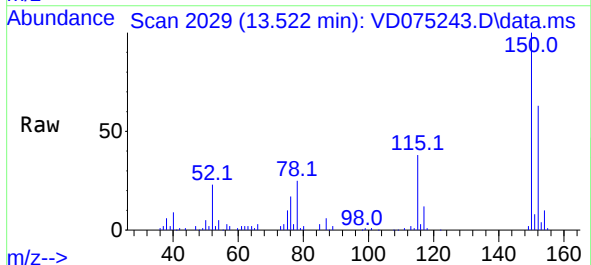
Instrument :
MSVOA_D
ClientSampleId :
TP-3-WC

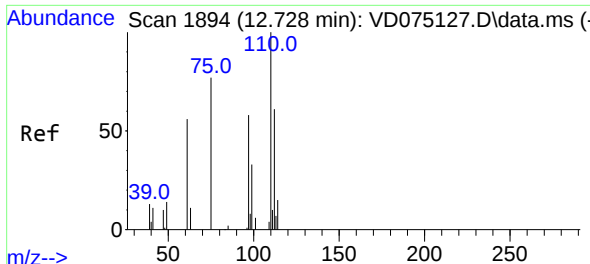
Tgt Ion:117 Resp: 108445
Ion Ratio Lower Upper
117 100
82 53.6 39.6 59.4
119 31.8 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075243.D
Acq: 30 Jan 2023 17:39

Tgt Ion:152 Resp: 50270
Ion Ratio Lower Upper
152 100
115 59.6 28.8 86.4
150 155.7 0.0 348.6

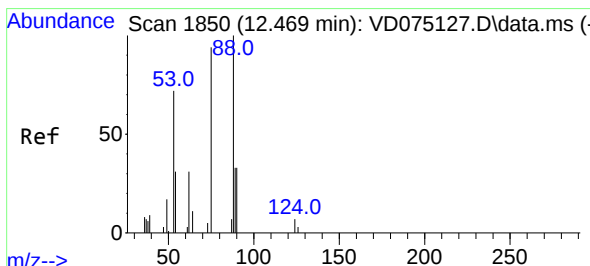
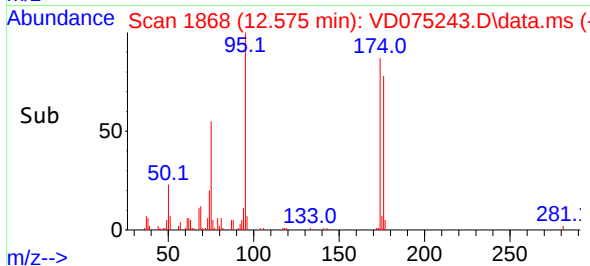
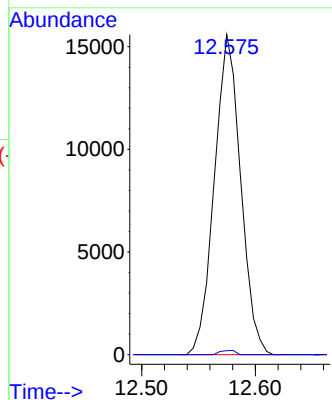
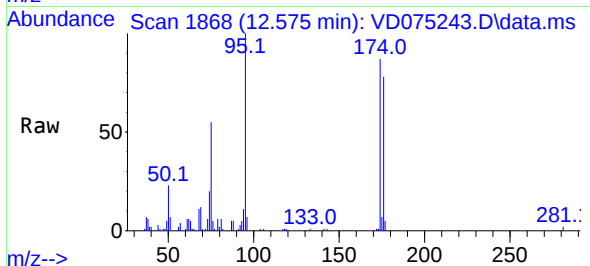




#76
1,2,3-Trichloropropane
Concen: 58.772 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075243.D
Acq: 30 Jan 2023 17:39

Instrument :
MSVOA_D
ClientSampleId :
TP-3-WC

Tgt Ion: 75 Resp: 25022
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.325 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075243.D
Acq: 30 Jan 2023 17:39

Tgt Ion: 75 Resp: 25022
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

