

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013123\
 Data File : VD075248.D
 Acq On : 31 Jan 2023 11:16
 Operator : KP/SY
 Sample : VD0131SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBL01

Quant Time: Feb 01 00:40:15 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)

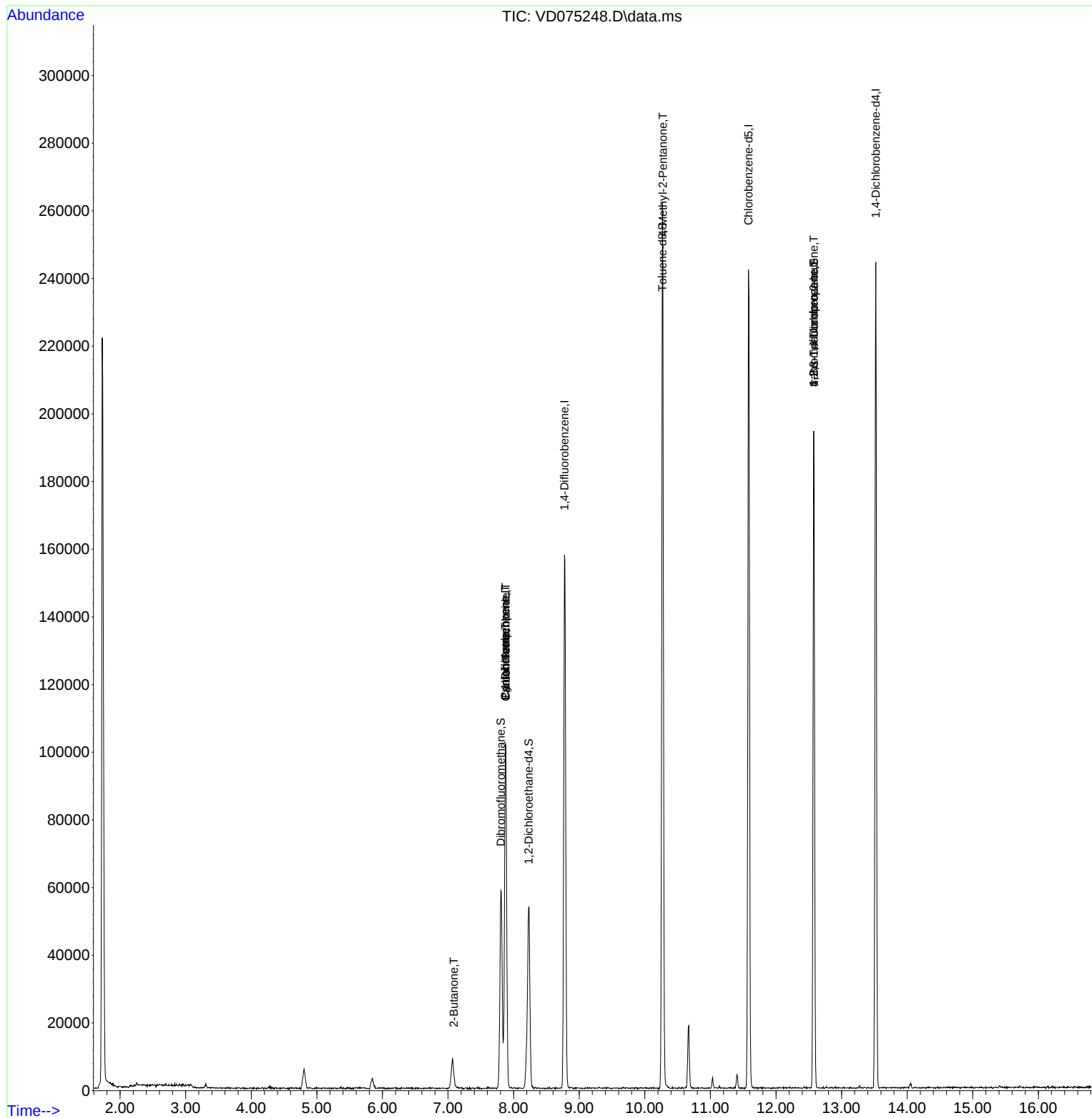
Internal Standards						
1) Pentafluorobenzene	7.875	168	79318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	138424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	137364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	62232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	40925	50.563	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.120%	
35) Dibromofluoromethane	7.805	113	42076	50.303	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.600%	
50) Toluene-d8	10.269	98	173534	52.691	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.380%	
62) 4-Bromofluorobenzene	12.575	95	56687	54.234	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.460%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	4058	Below Cal	#	93
25) 2-Butanone	7.087	43	427	1.655	ug/l #	50
31) Cyclohexane	7.875	56	2110	1.300	ug/l #	62
36) 1,1-Dichloropropene	7.875	75	6153	4.578	ug/l #	48
38) Carbon Tetrachloride	7.881	117	7777	6.873	ug/l #	14
51) 4-Methyl-2-Pentanone	10.275	43	864	1.708	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	31046	58.904	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	31046	136.633	ug/l #	14

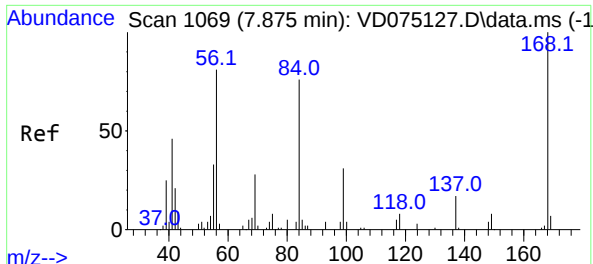
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013123\
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Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration

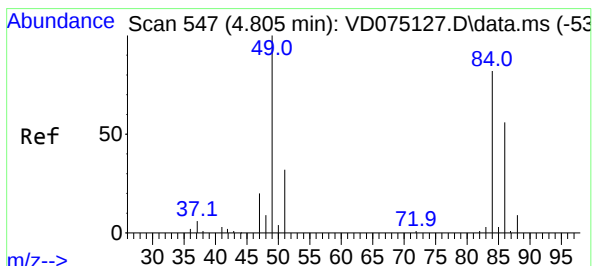
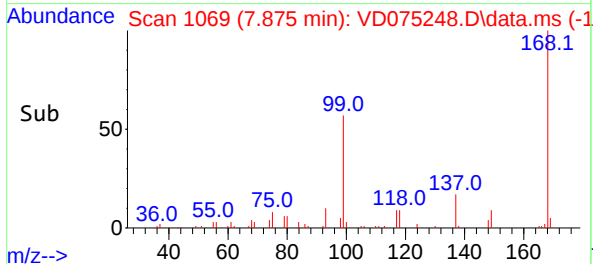
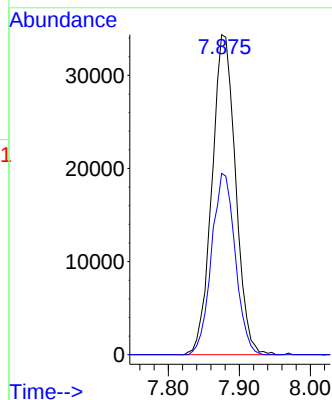
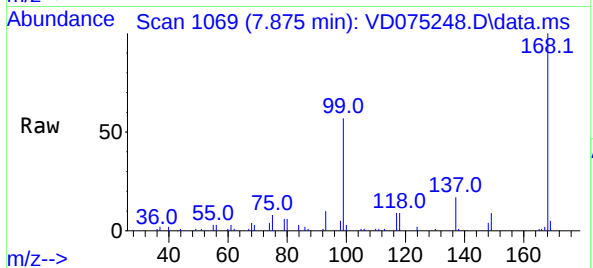




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075248.D
Acq: 31 Jan 2023 11:16

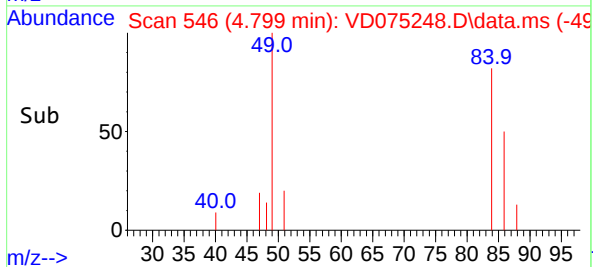
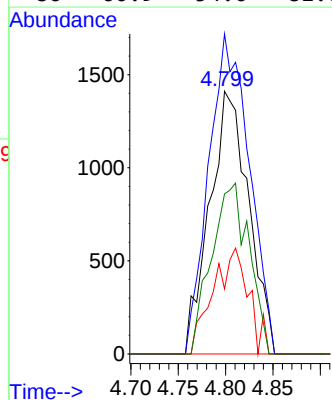
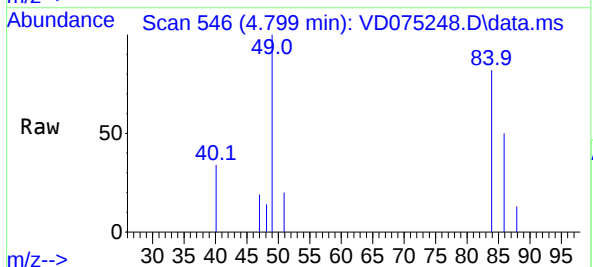
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBL01

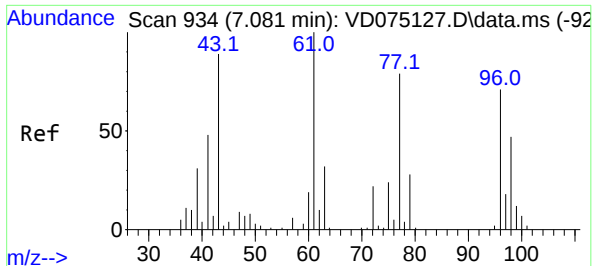
Tgt Ion:168 Resp: 79318
Ion Ratio Lower Upper
168 100
99 56.7 45.2 67.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075248.D
Acq: 31 Jan 2023 11:16

Tgt Ion: 84 Resp: 4058
Ion Ratio Lower Upper
84 100
49 121.8 97.0 145.6
51 24.7 30.9 46.3#
86 60.9 54.0 81.0

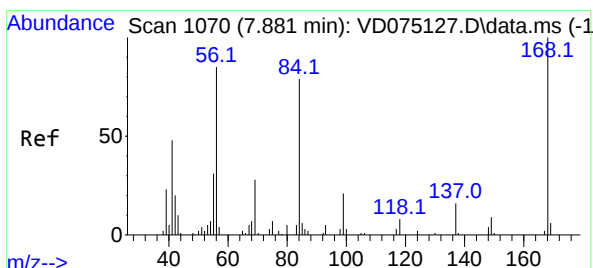
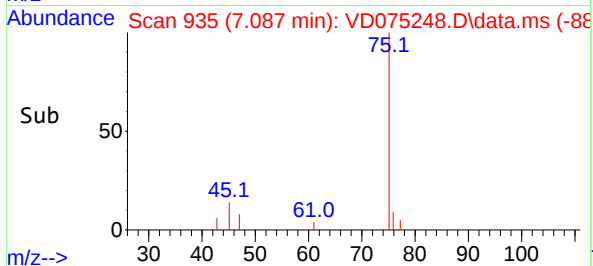
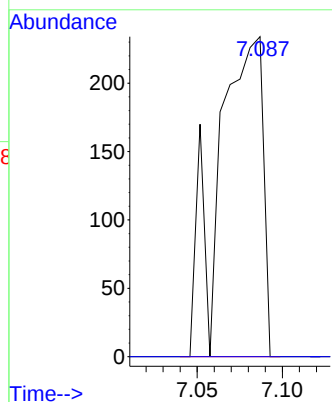
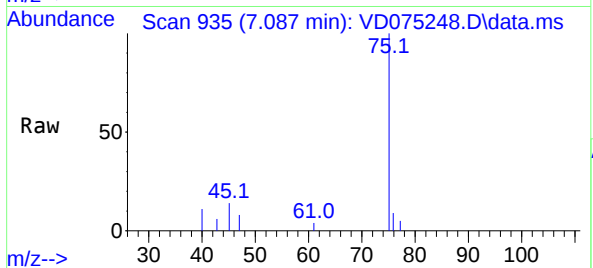




#25
2-Butanone
Concen: 1.655 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075248.D
Acq: 31 Jan 2023 11:16

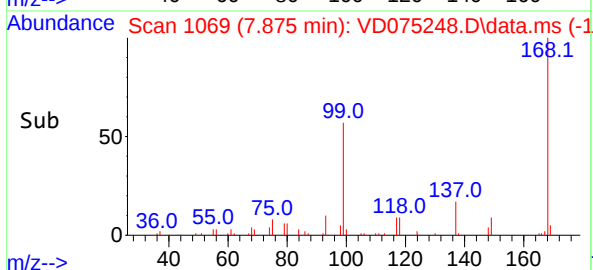
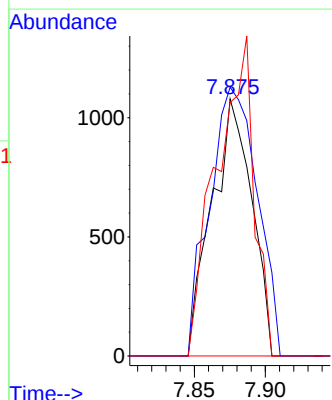
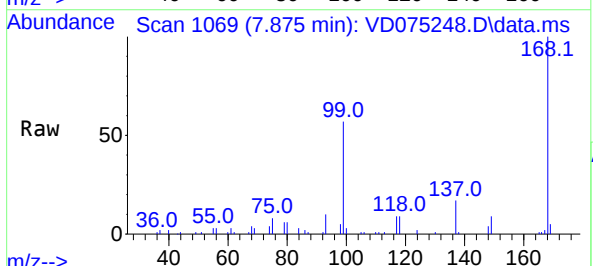
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBL01

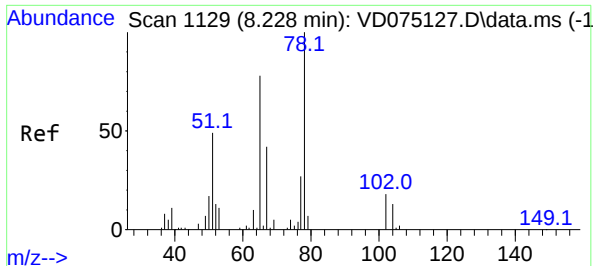
Tgt Ion: 43 Resp: 427
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.8#



#31
Cyclohexane
Concen: 1.300 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075248.D
Acq: 31 Jan 2023 11:16

Tgt Ion: 56 Resp: 2110
Ion Ratio Lower Upper
56 100
69 104.5 26.6 40.0#
84 98.6 74.1 111.1





#33

1,2-Dichloroethane-d4

Concen: 50.563 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075248.D

Acq: 31 Jan 2023 11:16

Instrument :

MSVOA_D

ClientSampleId :

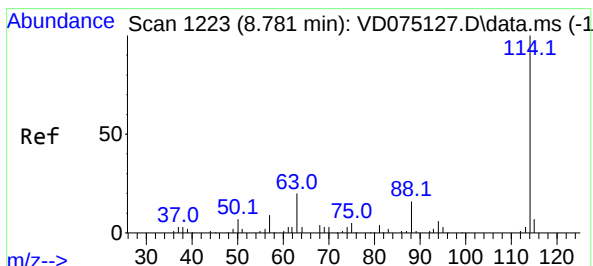
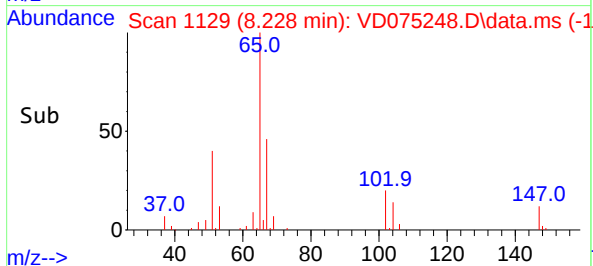
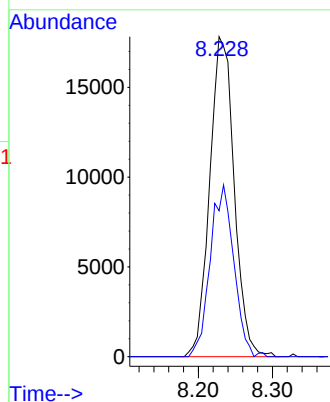
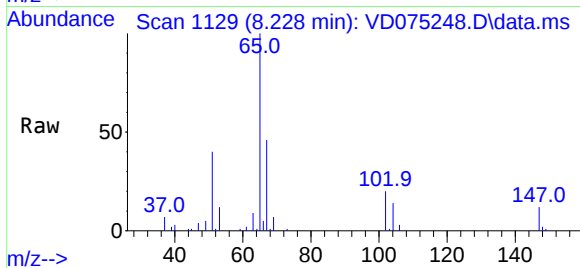
VD0131SBL01

Tgt Ion: 65 Resp: 40925

Ion Ratio Lower Upper

65 100

67 51.8 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: VD075248.D

Acq: 31 Jan 2023 11:16

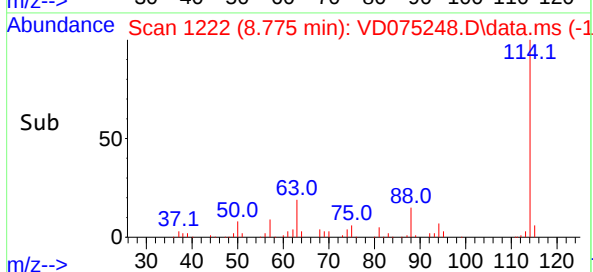
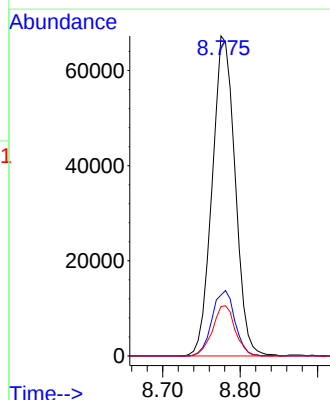
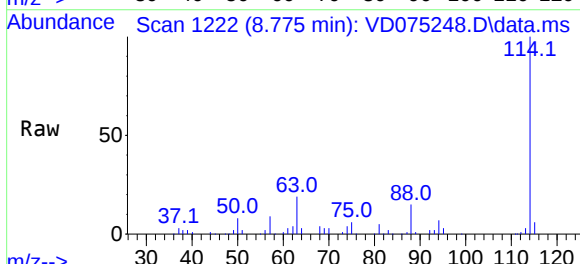
Tgt Ion: 114 Resp: 138424

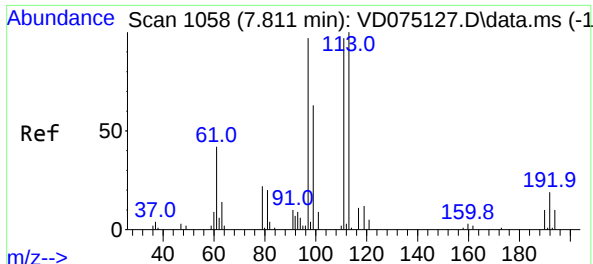
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.2

88 15.5 0.0 32.2

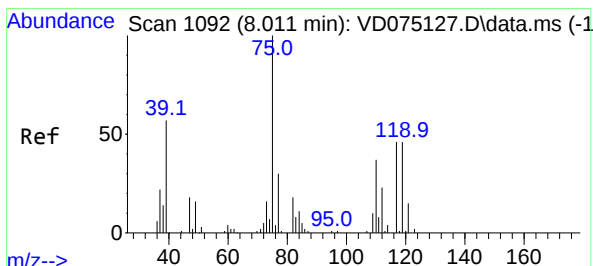
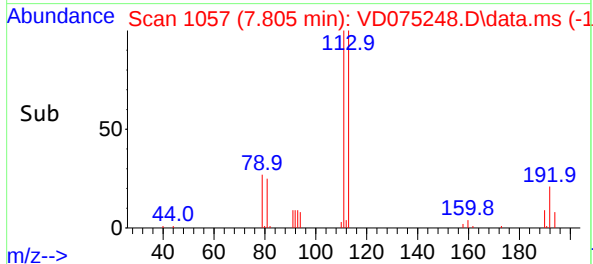
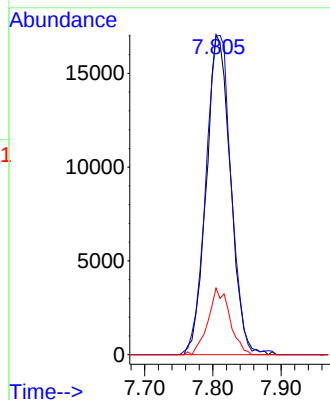
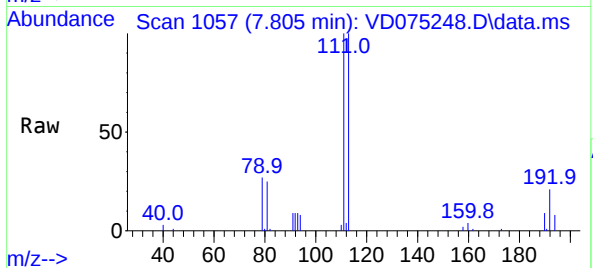




#35
Dibromofluoromethane
Concen: 50.303 ug/l
RT: 7.805 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075248.D
Acq: 31 Jan 2023 11:16

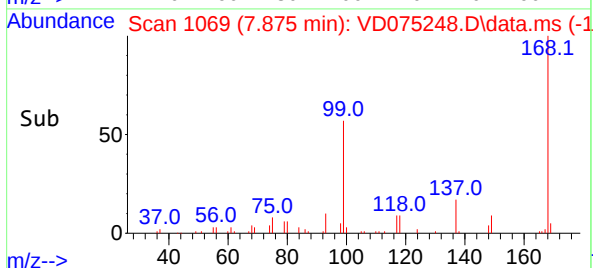
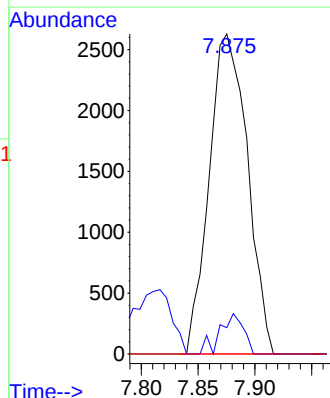
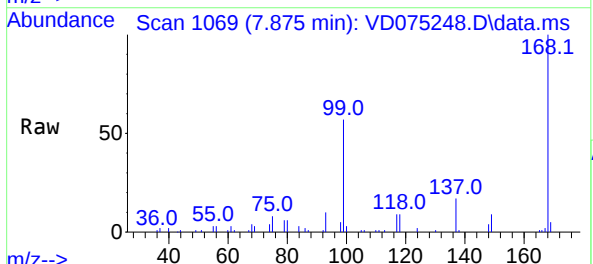
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBL01

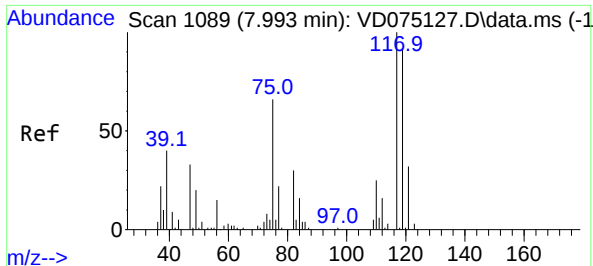
Tgt Ion:113 Resp: 42076
Ion Ratio Lower Upper
113 100
111 104.3 80.1 120.1
192 18.7 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.578 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075248.D
Acq: 31 Jan 2023 11:16

Tgt Ion: 75 Resp: 6153
Ion Ratio Lower Upper
75 100
110 7.8 18.1 54.4#
77 0.0 25.1 37.7#

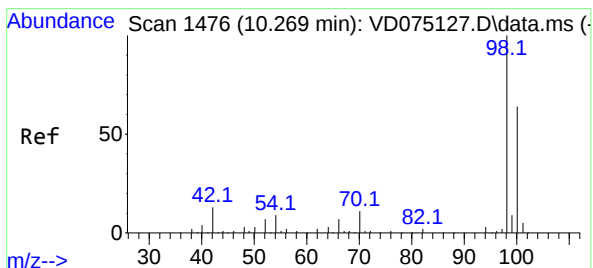
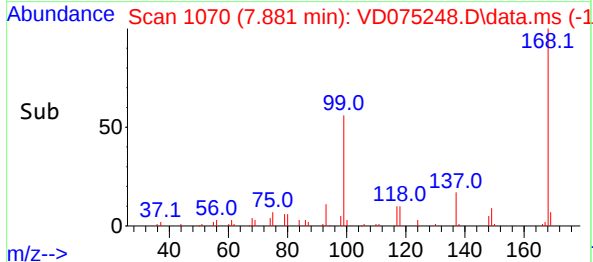
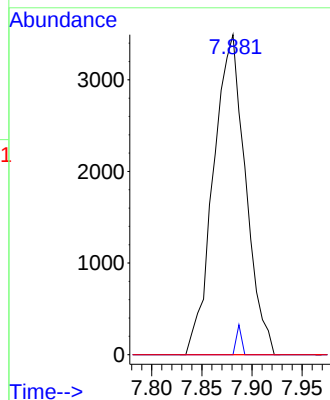
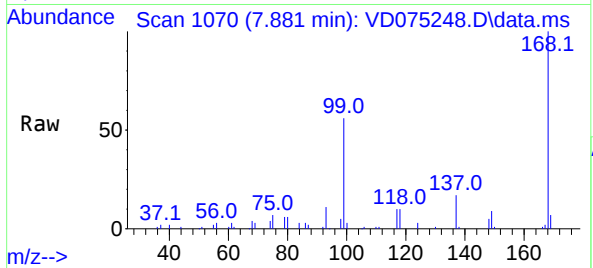




#38
Carbon Tetrachloride
Concen: 6.873 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD075248.D
Acq: 31 Jan 2023 11:16

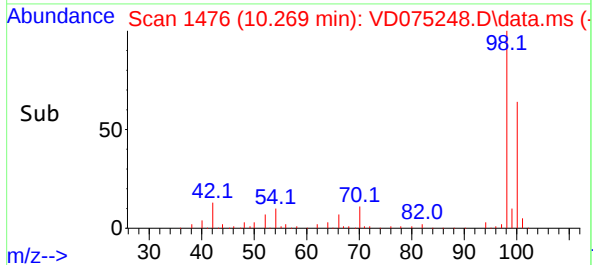
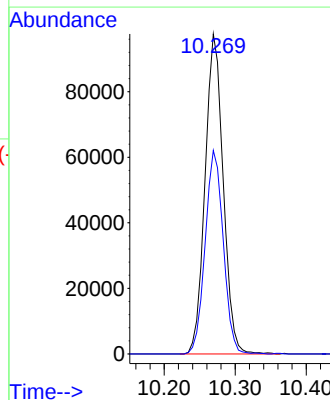
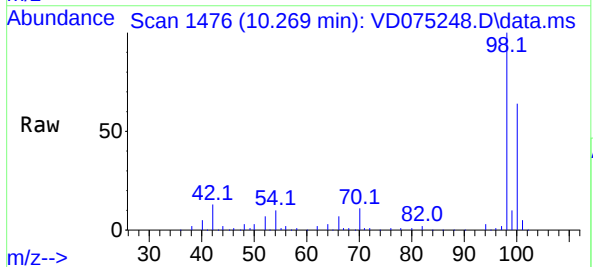
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBL01

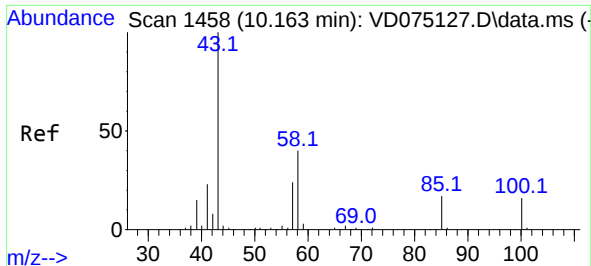
Tgt Ion:117 Resp: 7777
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 52.691 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075248.D
Acq: 31 Jan 2023 11:16

Tgt Ion: 98 Resp: 173534
Ion Ratio Lower Upper
98 100
100 63.4 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 1.708 ug/l

RT: 10.275 min Scan# 1458

Delta R.T. 0.112 min

Lab File: VD075248.D

Acq: 31 Jan 2023 11:16

Instrument :

MSVOA_D

ClientSampleId :

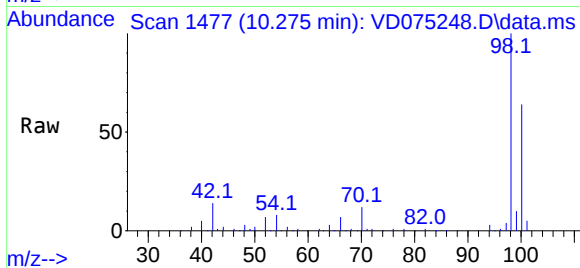
VD0131SBL01

Tgt Ion: 43 Resp: 864

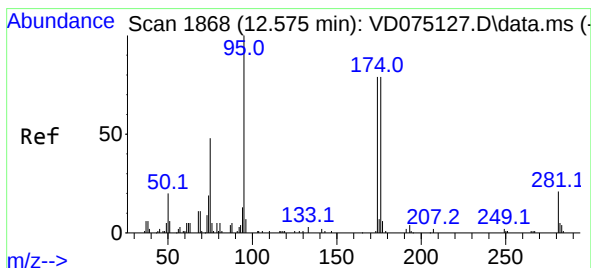
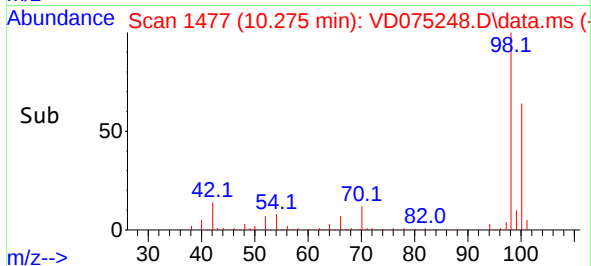
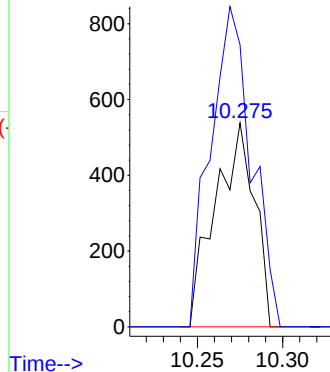
Ion Ratio Lower Upper

43 100

58 164.8 31.4 47.0#



Abundance



#62

4-Bromofluorobenzene

Concen: 54.234 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075248.D

Acq: 31 Jan 2023 11:16

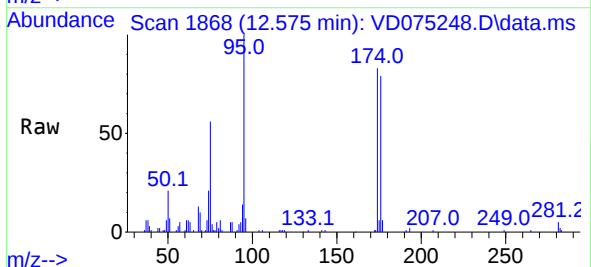
Tgt Ion: 95 Resp: 56687

Ion Ratio Lower Upper

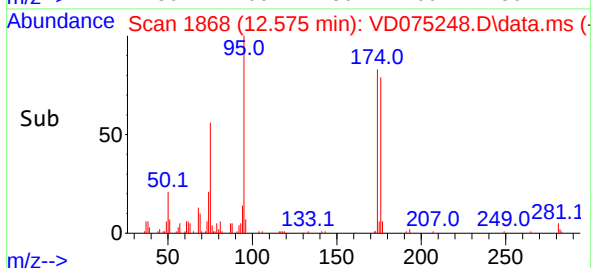
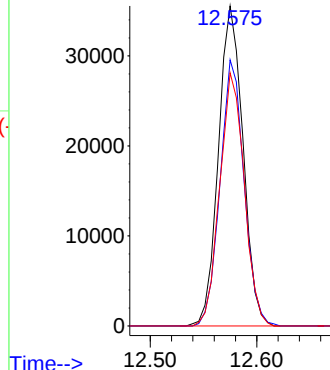
95 100

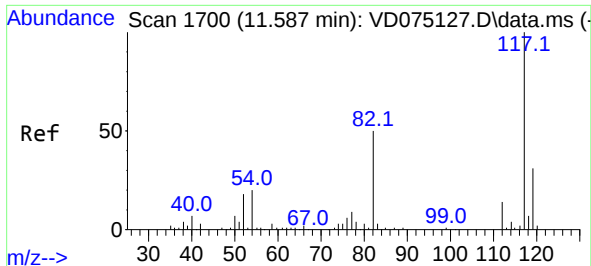
174 81.2 0.0 161.2

176 79.0 0.0 160.2



Abundance

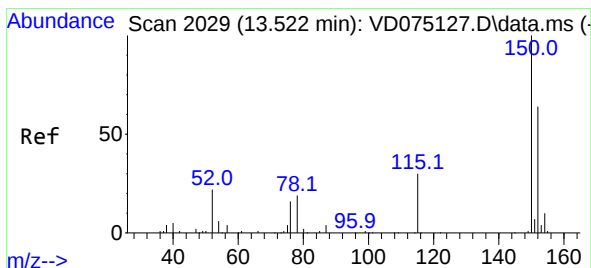
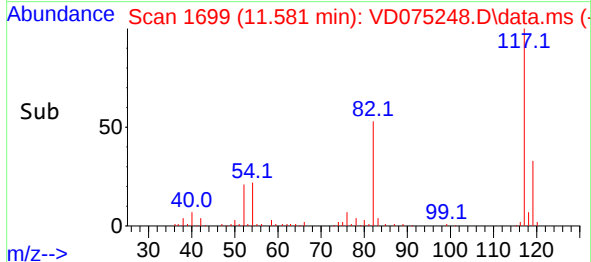
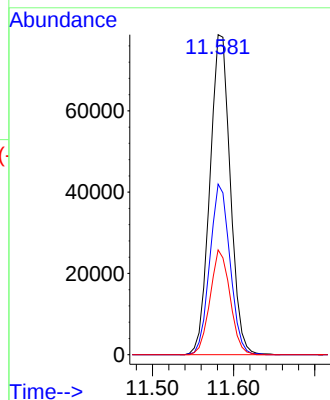
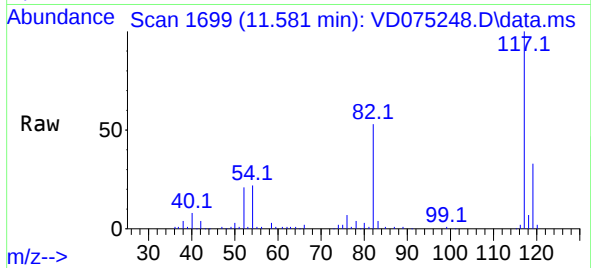




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD075248.D
Acq: 31 Jan 2023 11:16

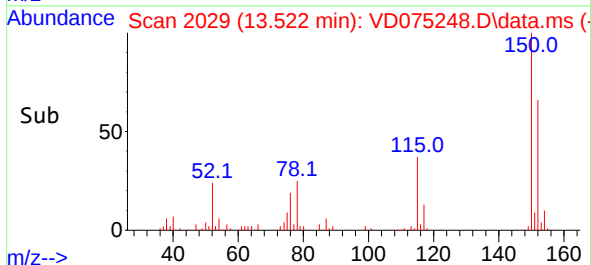
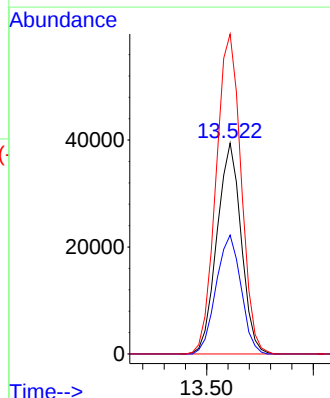
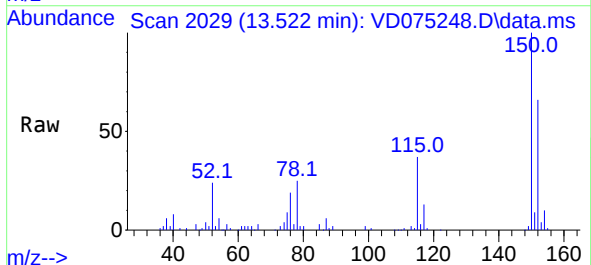
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBL01

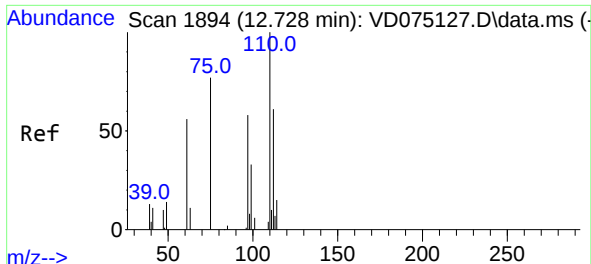
Tgt Ion:117 Resp: 137364
Ion Ratio Lower Upper
117 100
82 53.3 39.6 59.4
119 32.8 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075248.D
Acq: 31 Jan 2023 11:16

Tgt Ion:152 Resp: 62232
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.4
150 156.6 0.0 348.6

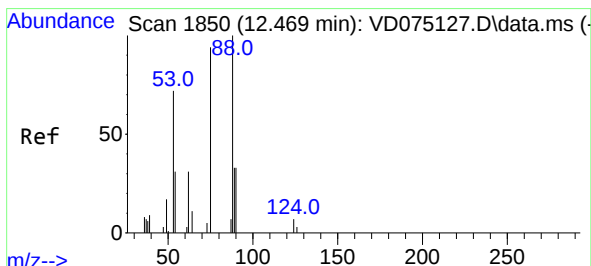
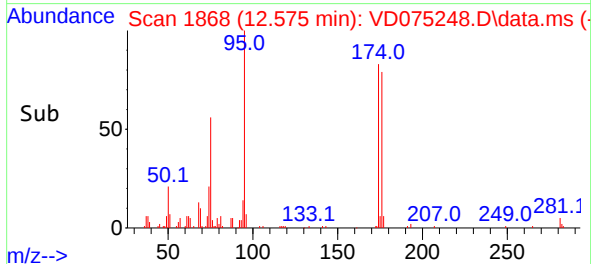
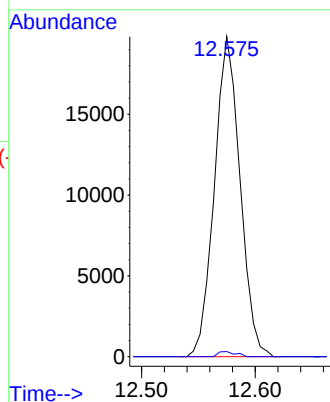
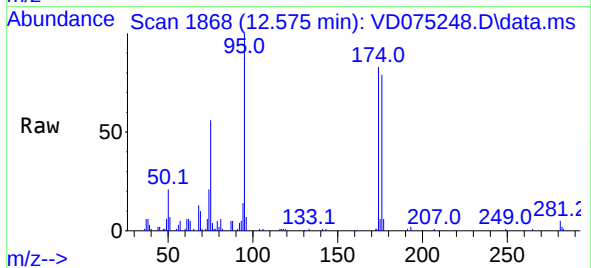




#76
1,2,3-Trichloropropane
Concen: 58.904 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075248.D
Acq: 31 Jan 2023 11:16

Instrument :
MSVOA_D
ClientSampleId :
VD0131SBL01

Tgt Ion: 75 Resp: 31046
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.633 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075248.D
Acq: 31 Jan 2023 11:16

Tgt Ion: 75 Resp: 31046
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

