

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
 Data File : VD075264.D
 Acq On : 08 Feb 2023 11:18
 Operator : KP/SY
 Sample : VD0208SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0208SBL01

Quant Time: Feb 09 05:40:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

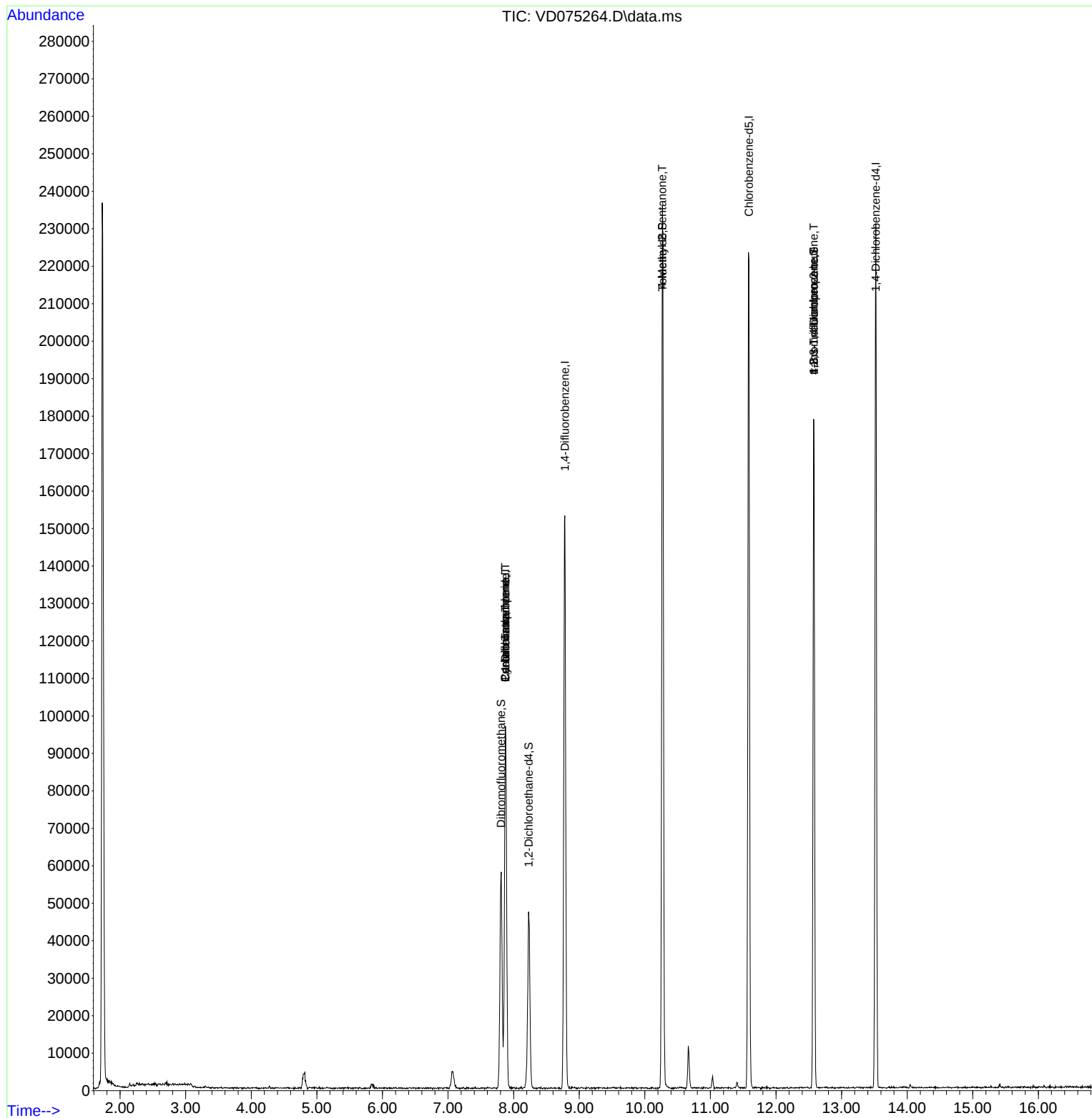
Internal Standards						
1) Pentafluorobenzene	7.875	168	72959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	132538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	125958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	58450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	36450	42.606	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.220%		
35) Dibromofluoromethane	7.811	113	40879	43.987	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.980%		
50) Toluene-d8	10.269	98	158513	44.975	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.960%		
62) 4-Bromofluorobenzene	12.575	95	52295	44.999	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.000%		
Target Compounds						
3) Chloromethane	2.146	50	384	Below Cal	#	86
20) Methylene Chloride	4.805	84	3107	Below Cal	#	81
31) Cyclohexane	7.875	56	1854	1.220	ug/l #	50
36) 1,1-Dichloropropene	7.875	75	6094	4.209	ug/l #	43
38) Carbon Tetrachloride	7.875	117	7508	5.597	ug/l #	20
51) 4-Methyl-2-Pentanone	10.263	43	825	1.353	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	29003	43.685	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	29003	137.956	ug/l #	14

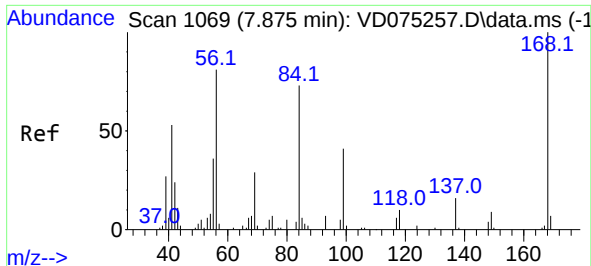
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
Data File : VD075264.D
Acq On : 08 Feb 2023 11:18
Operator : KP/SY
Sample : VD0208SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0208SBL01

Quant Time: Feb 09 05:40:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 2023
Response via : Initial Calibration

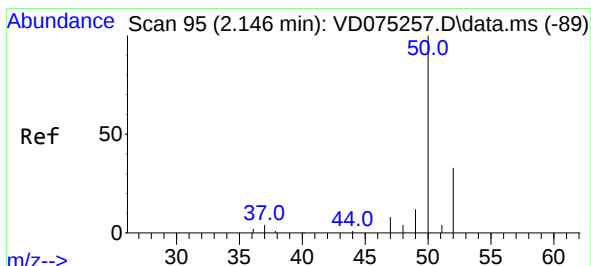
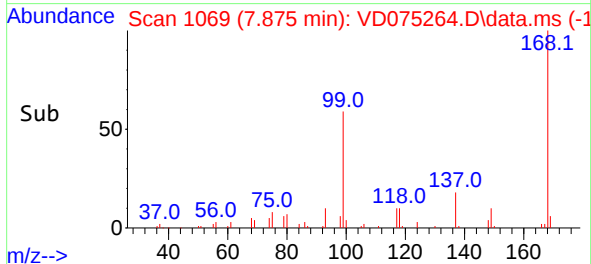
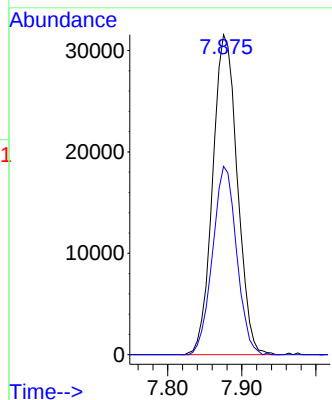
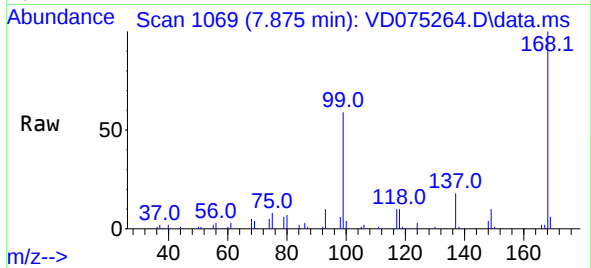




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075264.D
Acq: 08 Feb 2023 11:18

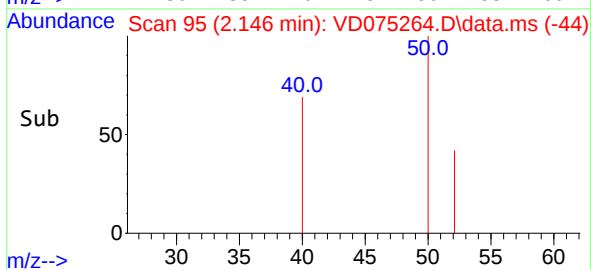
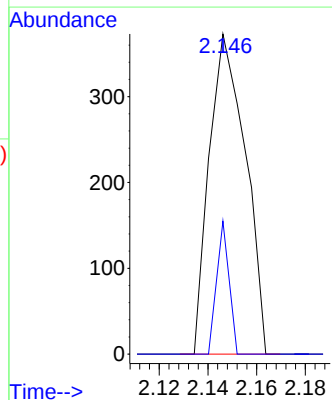
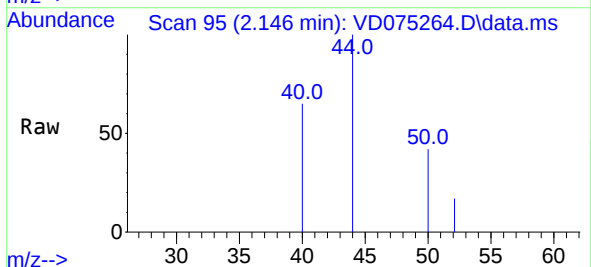
Instrument :
MSVOA_D
ClientSampleId :
VD0208SBL01

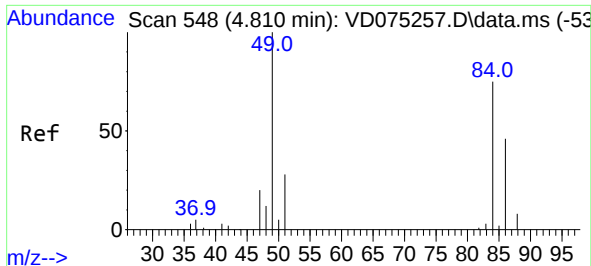
Tgt Ion:168 Resp: 72959
Ion Ratio Lower Upper
168 100
99 58.8 45.2 67.8



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075264.D
Acq: 08 Feb 2023 11:18

Tgt Ion: 50 Resp: 384
Ion Ratio Lower Upper
50 100
52 41.6 27.0 40.6#

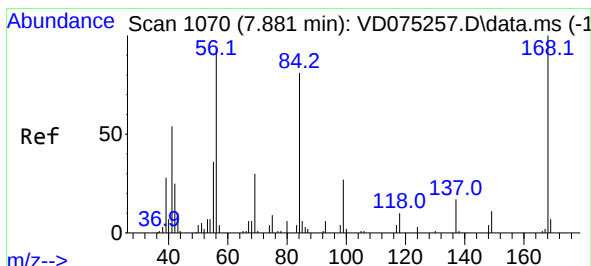
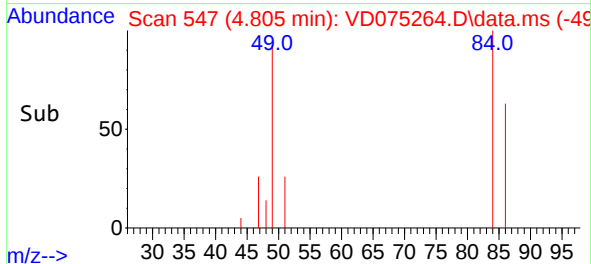
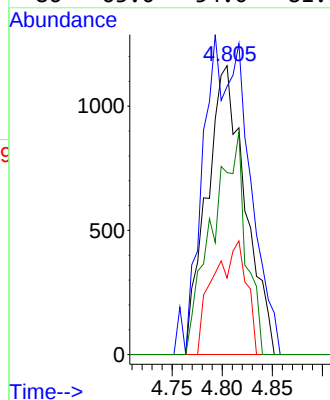
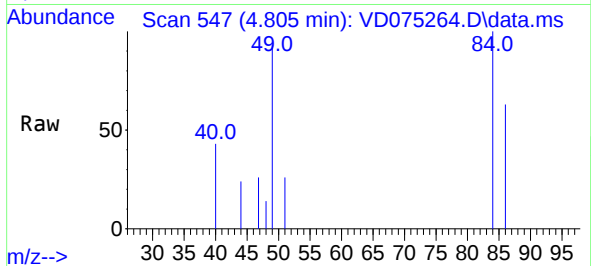




#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. -0.005 min
Lab File: VD075264.D
Acq: 08 Feb 2023 11:18

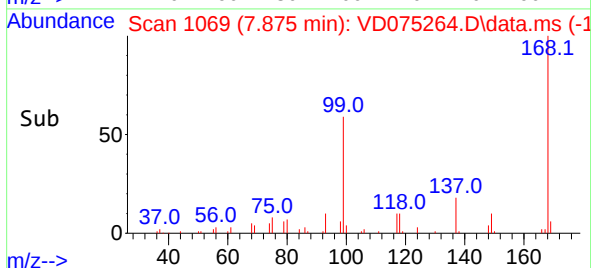
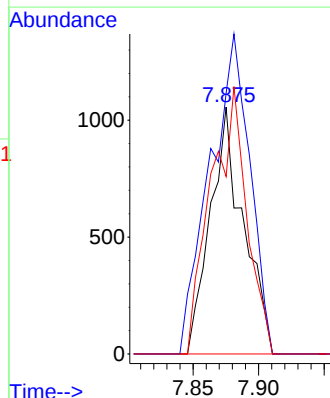
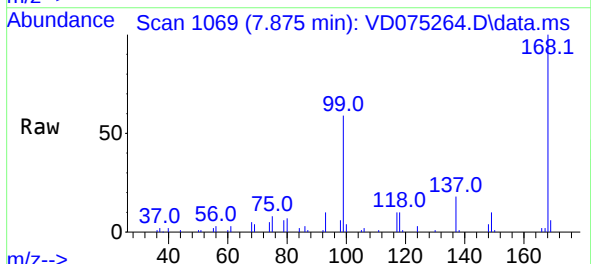
Instrument :
MSVOA_D
ClientSampleId :
VD0208SBL01

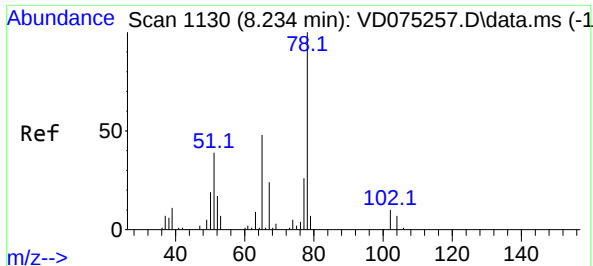
Tgt Ion:	84	Resp:	3107
Ion	Ratio	Lower	Upper
84	100		
49	92.9	97.0	145.6#
51	26.5	30.9	46.3#
86	63.0	54.0	81.0



#31
Cyclohexane
Concen: 1.220 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075264.D
Acq: 08 Feb 2023 11:18

Tgt Ion:	56	Resp:	1854
Ion	Ratio	Lower	Upper
56	100		
69	105.7	26.6	40.0#
84	71.9	74.1	111.1#





#33

1,2-Dichloroethane-d4

Concen: 42.606 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075264.D

Acq: 08 Feb 2023 11:18

Instrument :

MSVOA_D

ClientSampleId :

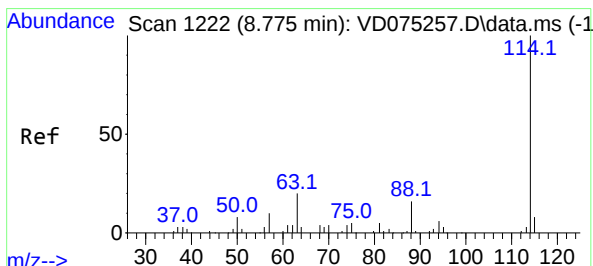
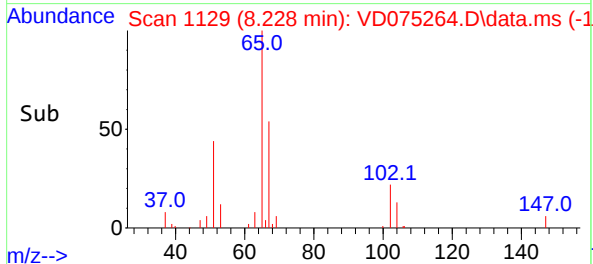
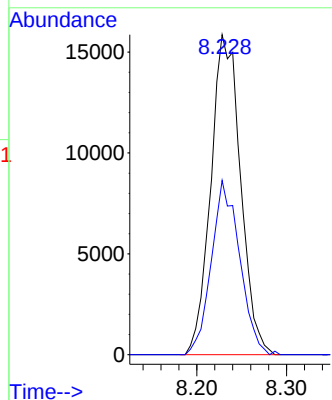
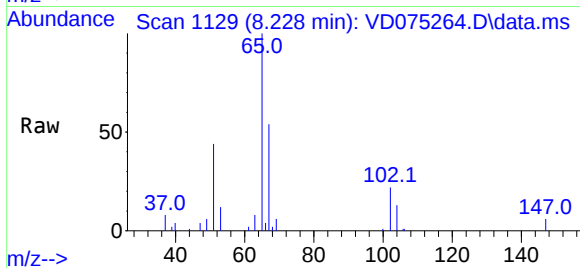
VD0208SBL01

Tgt Ion: 65 Resp: 36450

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075264.D

Acq: 08 Feb 2023 11:18

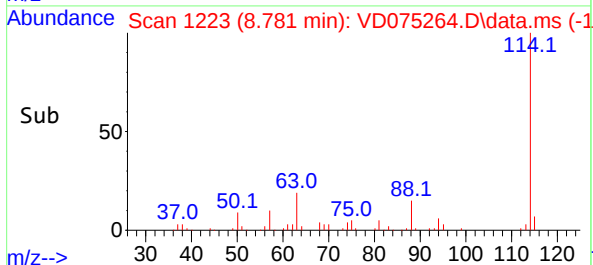
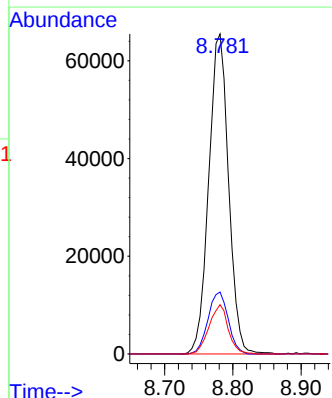
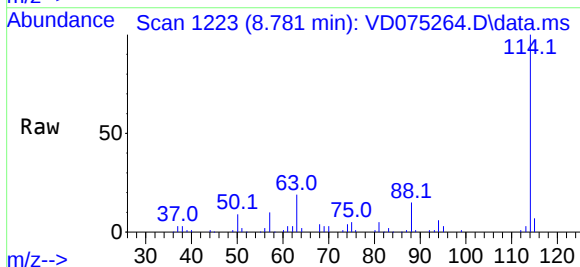
Tgt Ion: 114 Resp: 132538

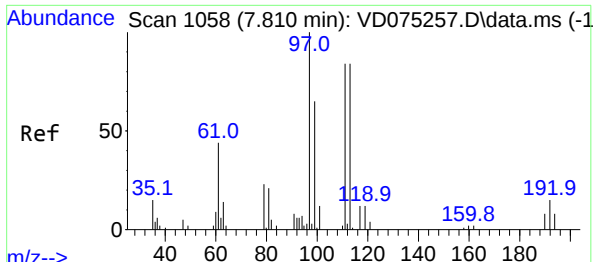
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.2

88 15.4 0.0 32.2

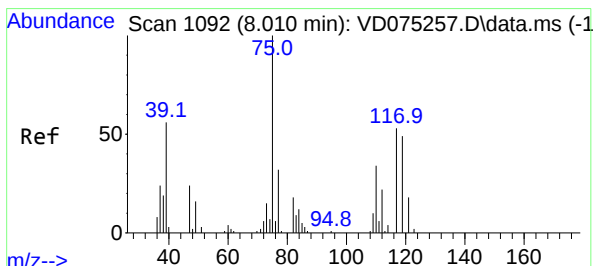
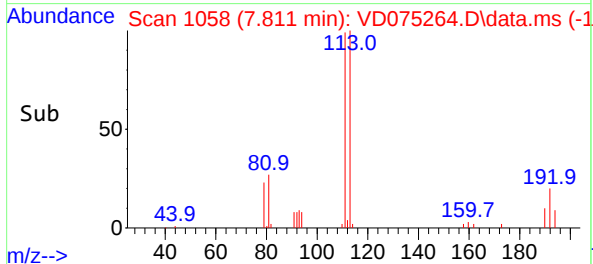
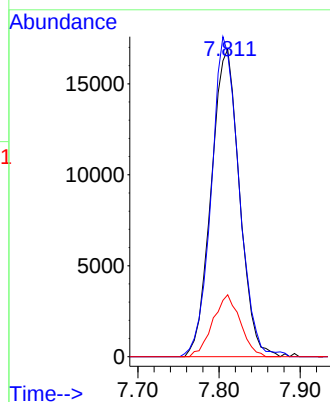
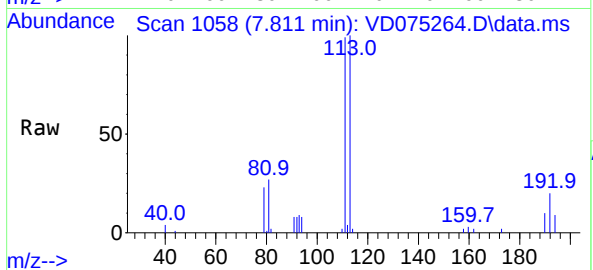




#35
Dibromofluoromethane
Concen: 43.987 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VD075264.D
Acq: 08 Feb 2023 11:18

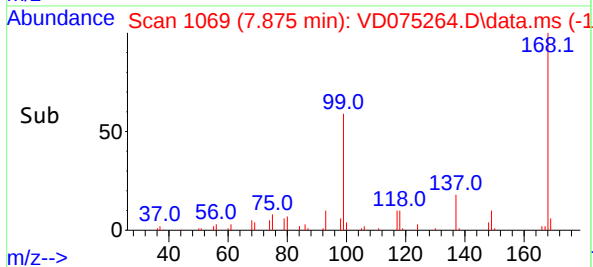
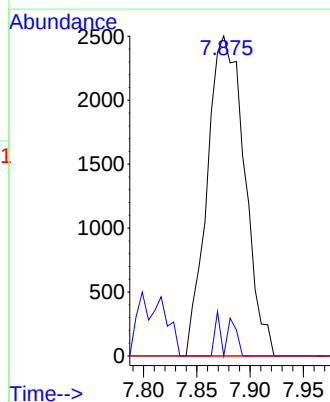
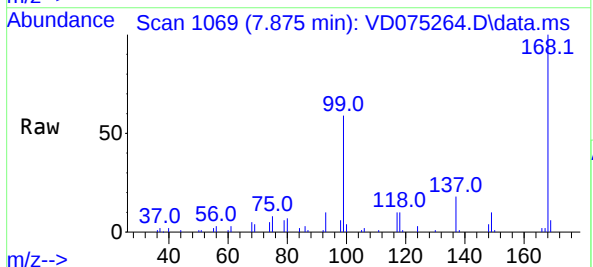
Instrument :
MSVOA_D
ClientSampleId :
VD0208SBL01

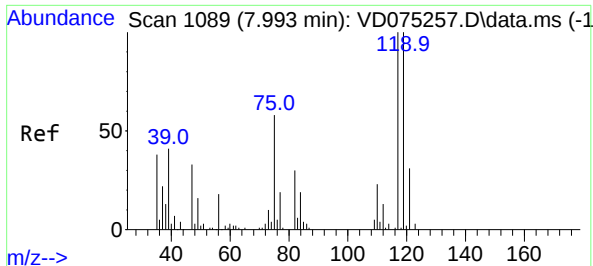
Tgt Ion:113 Resp: 40879
Ion Ratio Lower Upper
113 100
111 102.0 80.1 120.1
192 19.6 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.209 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075264.D
Acq: 08 Feb 2023 11:18

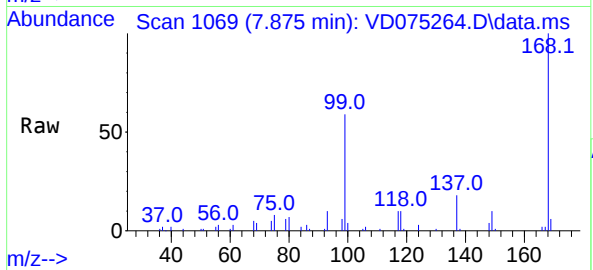
Tgt Ion: 75 Resp: 6094
Ion Ratio Lower Upper
75 100
110 2.0 18.1 54.4#
77 0.0 25.1 37.7#



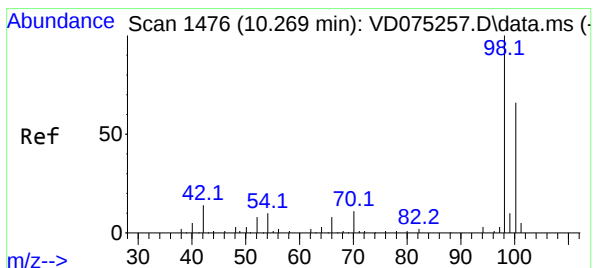
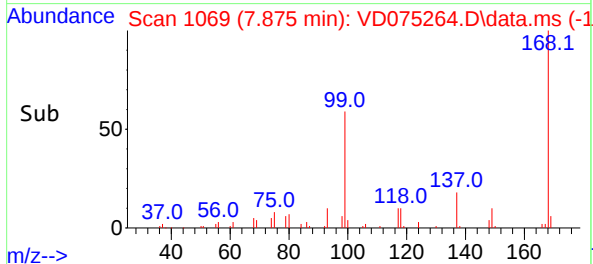
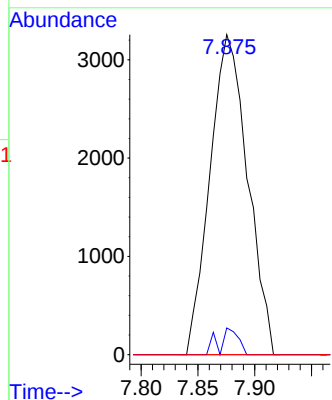


#38
Carbon Tetrachloride
Concen: 5.597 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075264.D
Acq: 08 Feb 2023 11:18

Instrument :
MSVOA_D
ClientSampleId :
VD0208SBL01

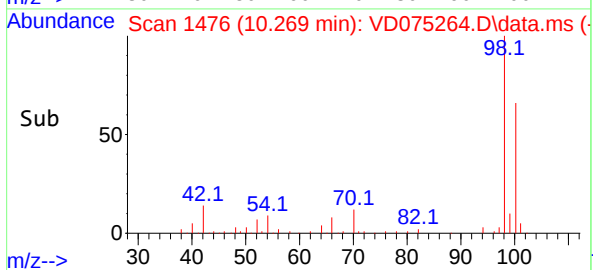
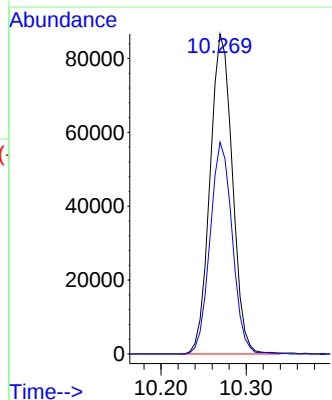
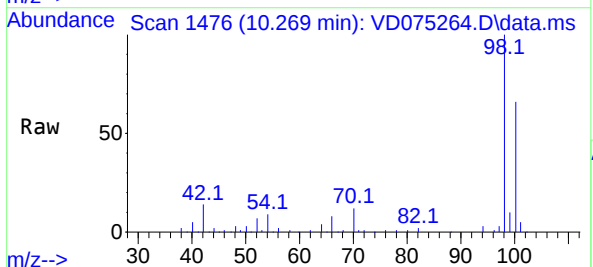


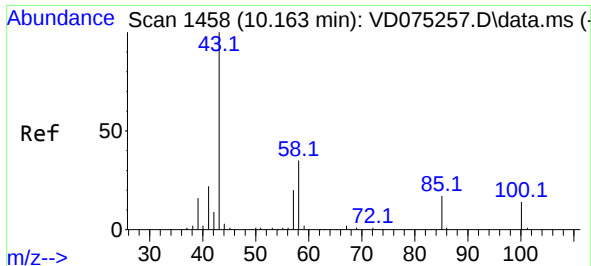
Tgt Ion:117 Resp: 7508
Ion Ratio Lower Upper
117 100
119 8.4 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 44.975 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075264.D
Acq: 08 Feb 2023 11:18

Tgt Ion: 98 Resp: 158513
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1

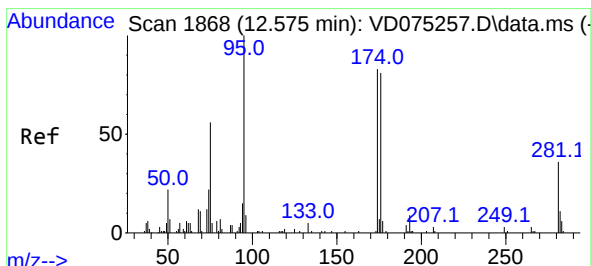
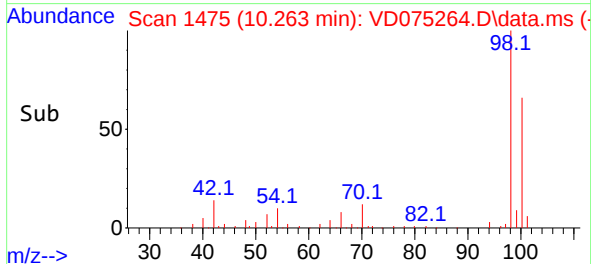
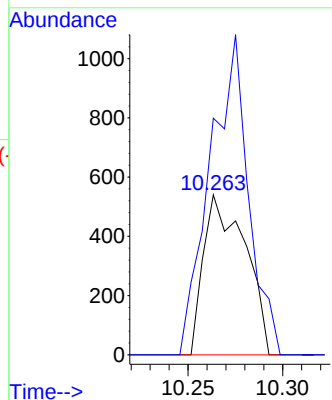
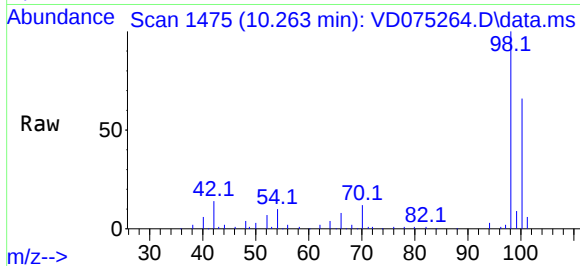




#51
4-Methyl-2-Pentanone
Concen: 1.353 ug/l
RT: 10.263 min Scan# 1458
Delta R.T. 0.100 min
Lab File: VD075264.D
Acq: 08 Feb 2023 11:18

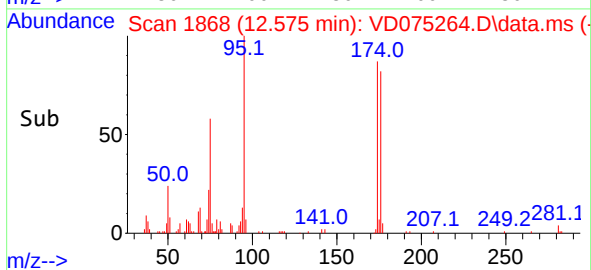
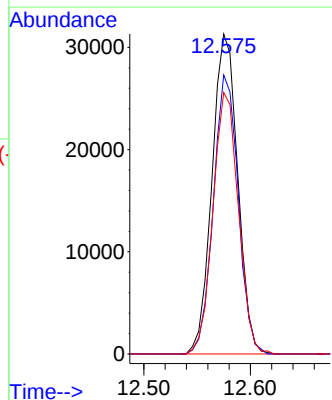
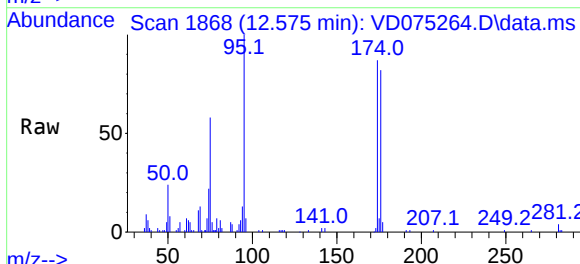
Instrument :
MSVOA_D
ClientSampleId :
VD0208SBL01

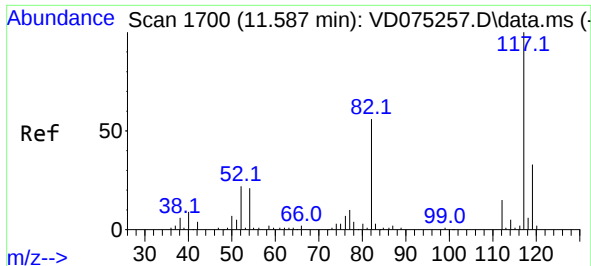
Tgt Ion: 43 Resp: 825
Ion Ratio Lower Upper
43 100
58 184.7 31.4 47.0#



#62
4-Bromofluorobenzene
Concen: 44.999 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075264.D
Acq: 08 Feb 2023 11:18

Tgt Ion: 95 Resp: 52295
Ion Ratio Lower Upper
95 100
174 84.4 0.0 161.2
176 81.1 0.0 160.2

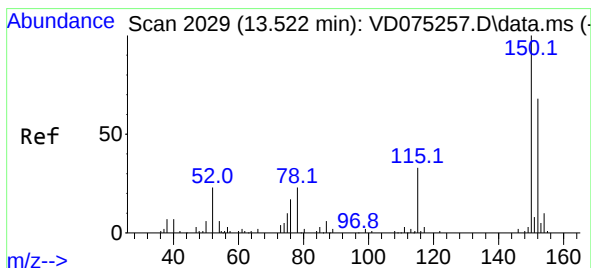
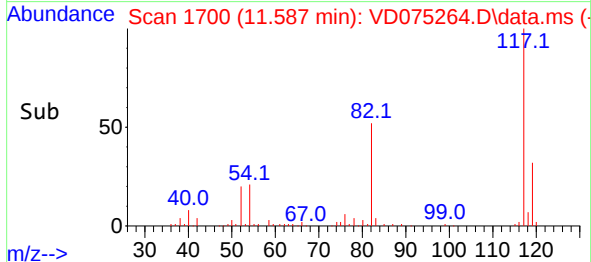
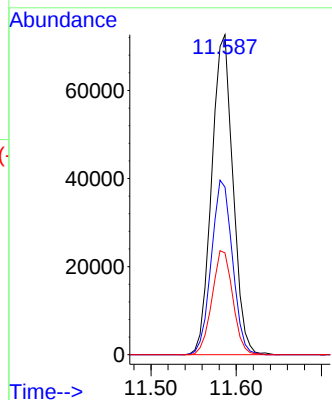
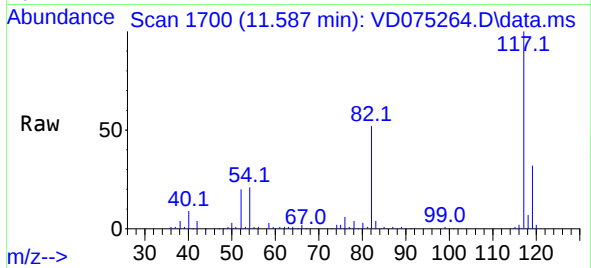




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075264.D
Acq: 08 Feb 2023 11:18

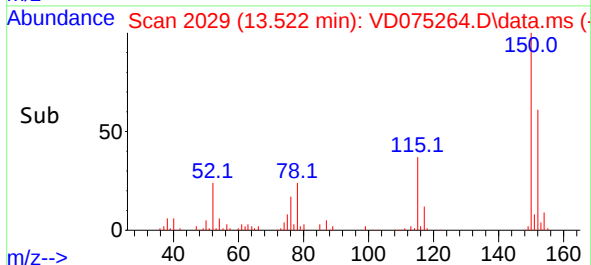
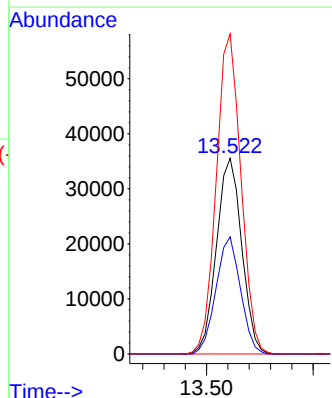
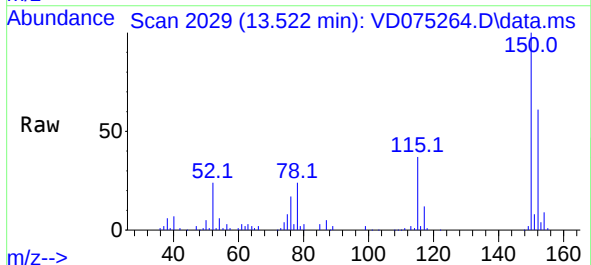
Instrument :
MSVOA_D
ClientSampleId :
VD0208SBL01

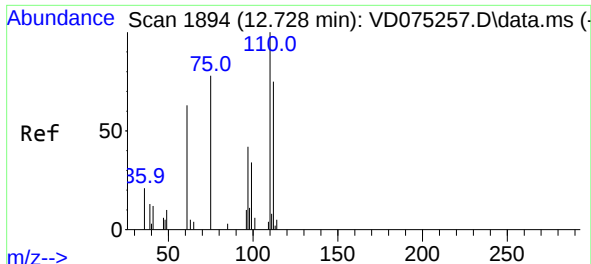
Tgt Ion:117 Resp: 125958
Ion Ratio Lower Upper
117 100
82 52.3 39.6 59.4
119 31.8 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075264.D
Acq: 08 Feb 2023 11:18

Tgt Ion:152 Resp: 58450
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.4
150 159.7 0.0 348.6

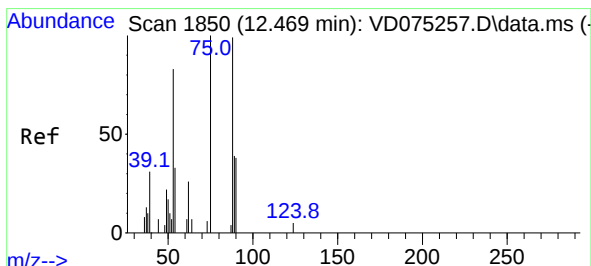
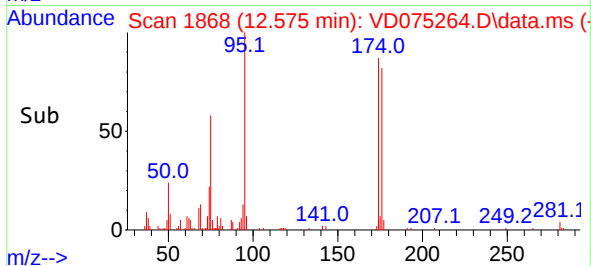
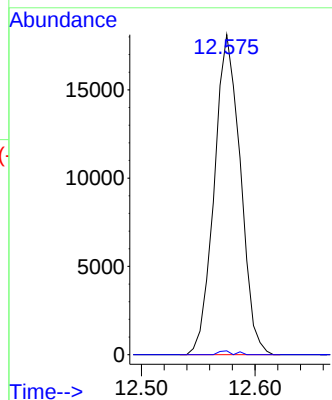
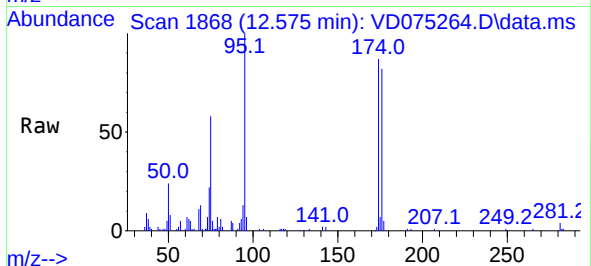




#76
1,2,3-Trichloropropane
Concen: 43.685 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075264.D
Acq: 08 Feb 2023 11:18

Instrument :
MSVOA_D
ClientSampleId :
VD0208SBL01

Tgt Ion: 75 Resp: 29003
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.956 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075264.D
Acq: 08 Feb 2023 11:18

Tgt Ion: 75 Resp: 29003
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

