

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052623\
 Data File : VD076251.D
 Acq On : 26 May 2023 11:17
 Operator : KP/SY
 Sample : VD0526SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0526SBL01

Quant Time: May 26 16:04:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	145301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	276438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	253762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	108602	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86182	61.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.740%
35) Dibromofluoromethane	7.804	113	102876	53.840	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.680%
50) Toluene-d8	10.269	98	341016	45.782	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.560%
62) 4-Bromofluorobenzene	12.575	95	87300	42.191	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.380%

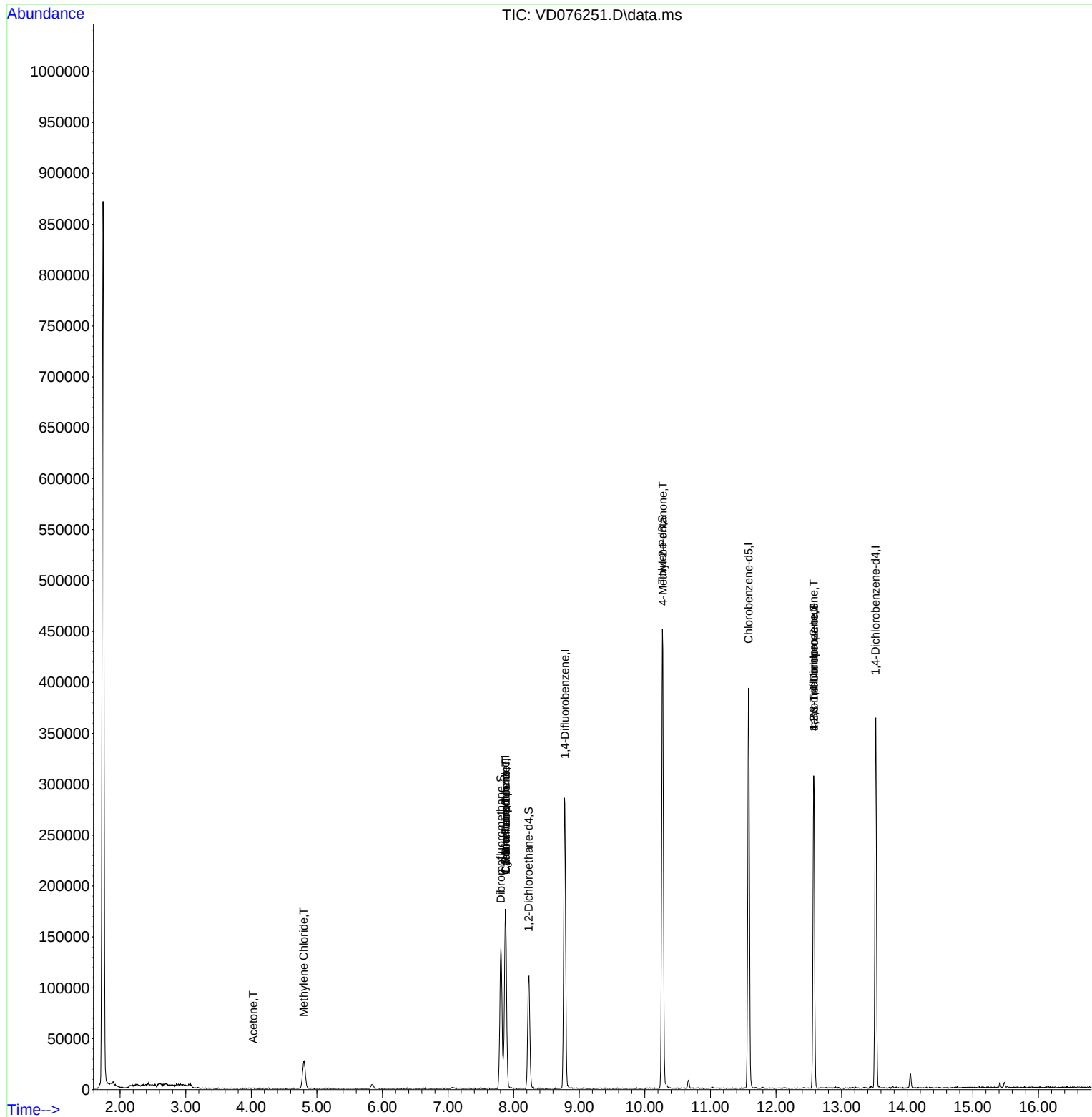
Target Compounds					Qvalue	
3) Chloromethane	2.152	50	400	Below Cal	#	40
16) Acetone	4.028	43	455	1.628	ug/l #	44
17) Carbon Disulfide	4.269	76	64	Below Cal	#	73
20) Methylene Chloride	4.799	84	22466	1.625	ug/l #	82
31) Cyclohexane	7.881	56	3014	1.401	ug/l #	5
36) 1,1-Dichloropropene	7.881	75	11227	4.350	ug/l #	49
38) Carbon Tetrachloride	7.881	117	13620	5.843	ug/l #	16
51) 4-Methyl-2-Pentanone	10.275	43	970	1.093	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	45553	47.932	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	45553	100.554	ug/l #	5

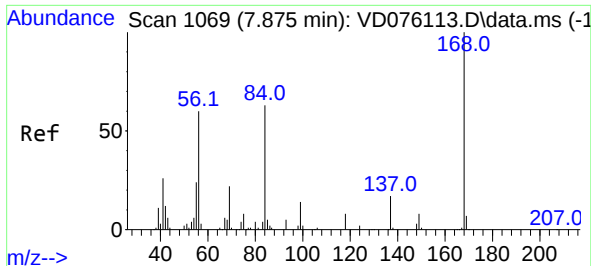
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052623\
Data File : VD076251.D
Acq On : 26 May 2023 11:17
Operator : KP/SY
Sample : VD0526SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0526SBL01

Quant Time: May 26 16:04:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

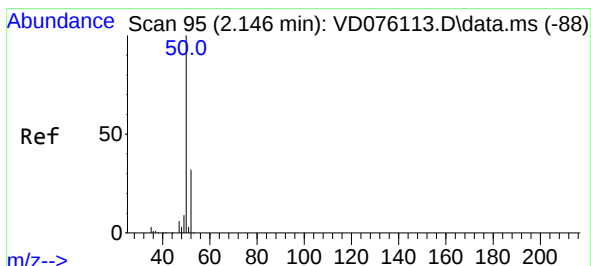
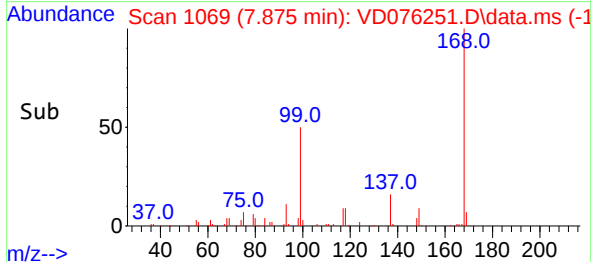
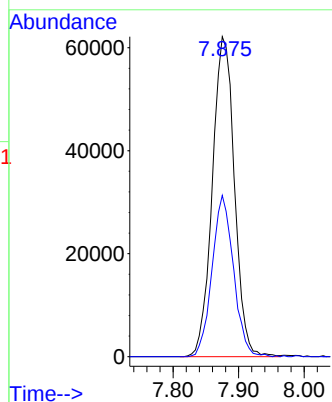
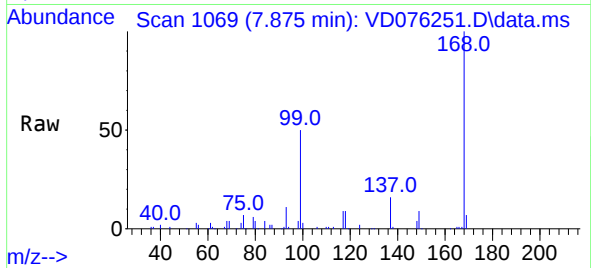




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076251.D
Acq: 26 May 2023 11:17

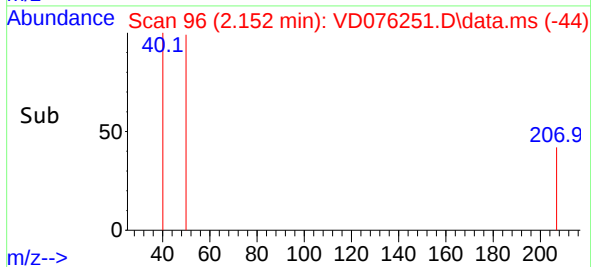
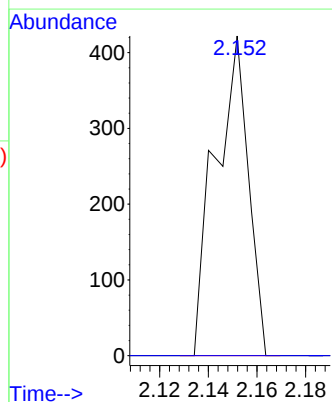
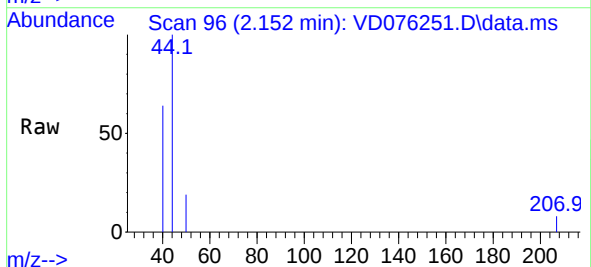
Instrument :
MSVOA_D
ClientSampleId :
VD0526SBL01

Tgt Ion:168 Resp: 145301
Ion Ratio Lower Upper
168 100
99 50.4 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD076251.D
Acq: 26 May 2023 11:17

Tgt Ion: 50 Resp: 400
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

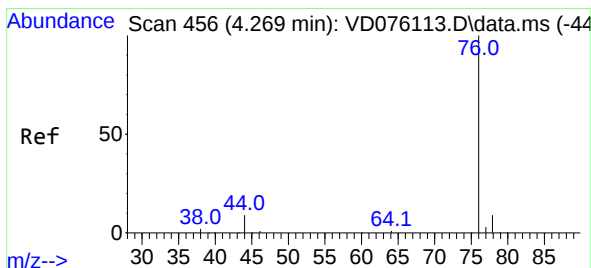
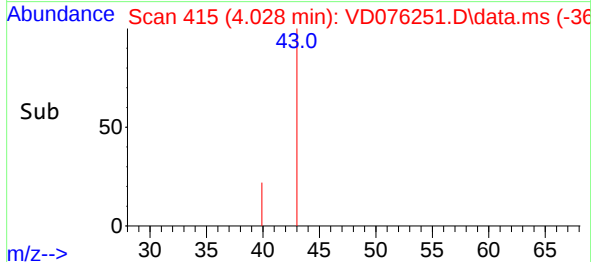
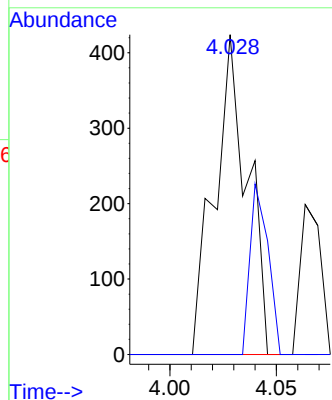
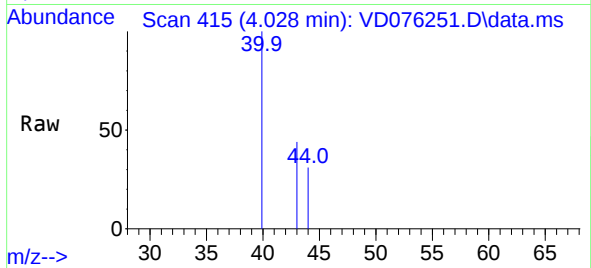




#16
Acetone
Concen: 1.628 ug/l
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076251.D
Acq: 26 May 2023 11:17

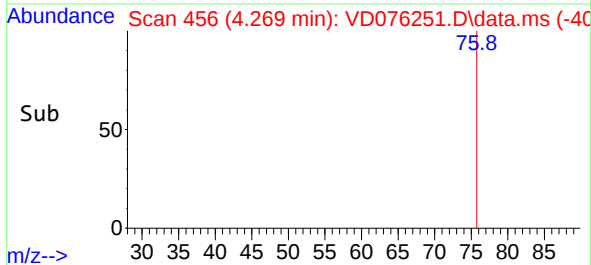
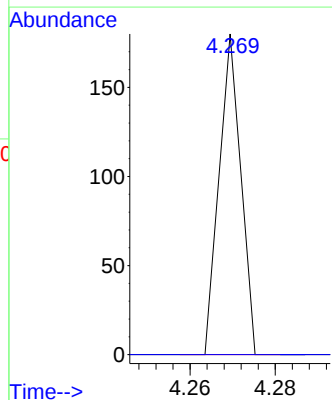
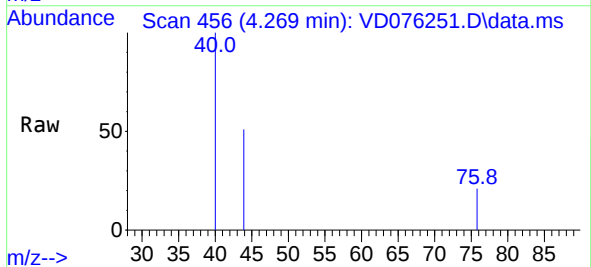
Instrument :
MSVOA_D
ClientSampleId :
VD0526SBL01

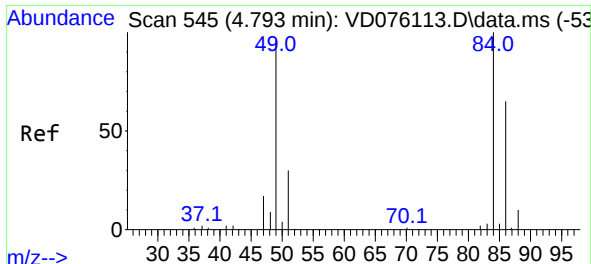
Tgt Ion: 43 Resp: 455
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD076251.D
Acq: 26 May 2023 11:17

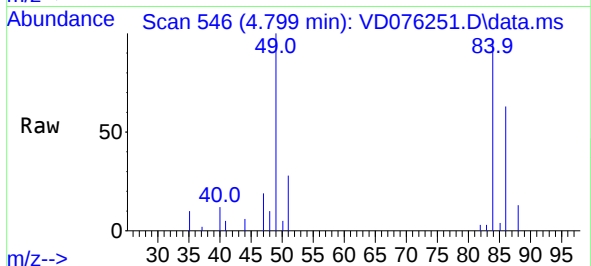
Tgt Ion: 76 Resp: 64
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#





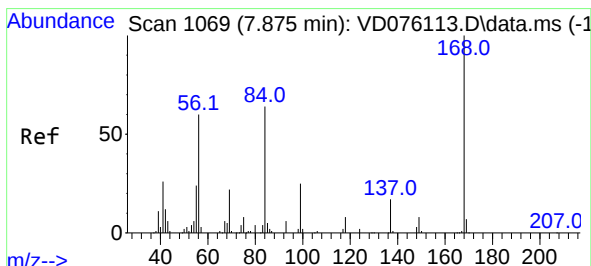
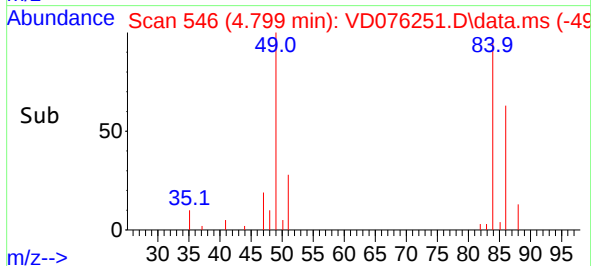
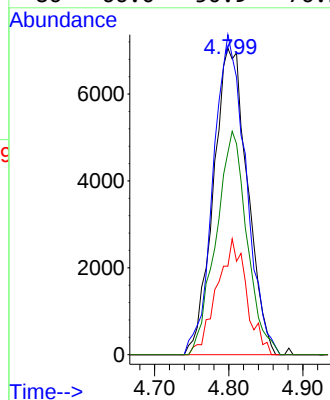
#20
Methylene Chloride
Concen: 1.625 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD076251.D
Acq: 26 May 2023 11:17

Instrument :
MSVOA_D
ClientSampleId :
VD0526SBL01



Tgt Ion: 84 Resp: 22466

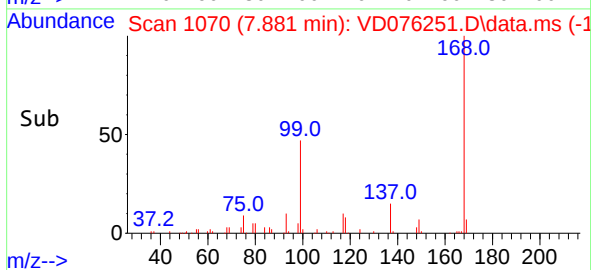
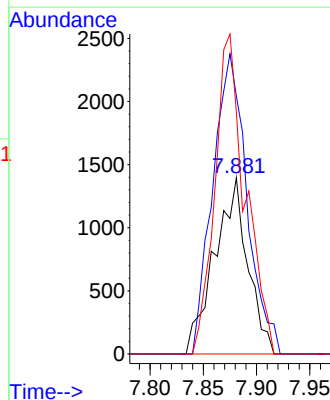
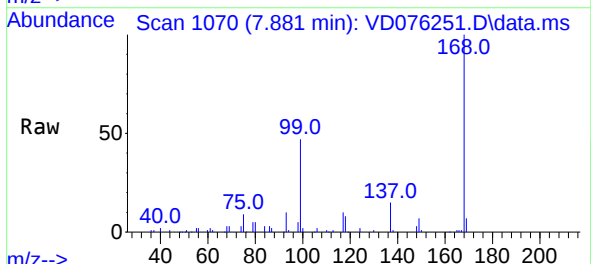
Ion	Ratio	Lower	Upper
84	100		
49	104.4	106.4	159.6#
51	28.9	32.4	48.6#
86	66.0	50.9	76.3

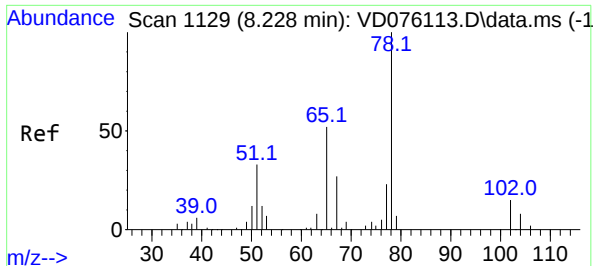


#31
Cyclohexane
Concen: 1.401 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD076251.D
Acq: 26 May 2023 11:17

Tgt Ion: 56 Resp: 3014

Ion	Ratio	Lower	Upper
56	100		
69	146.5	25.5	38.3#
84	137.5	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 61.370 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076251.D

Acq: 26 May 2023 11:17

Instrument :

MSVOA_D

ClientSampleId :

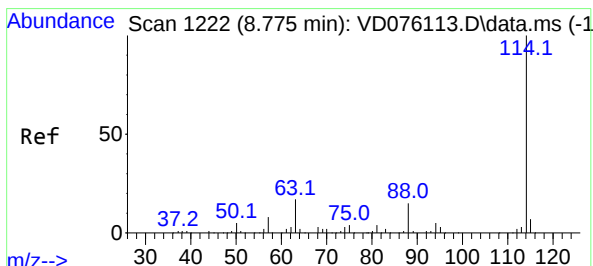
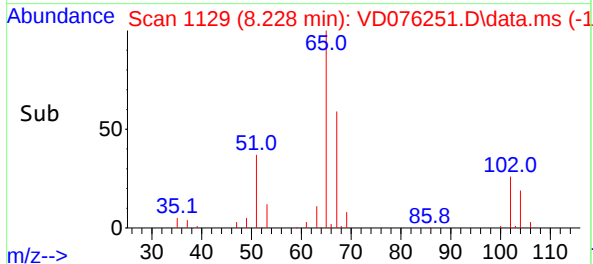
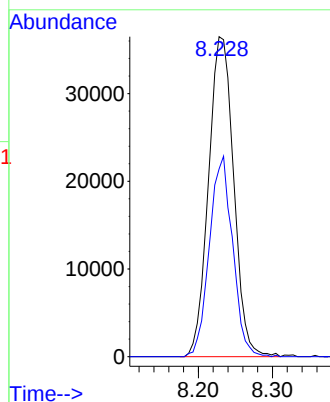
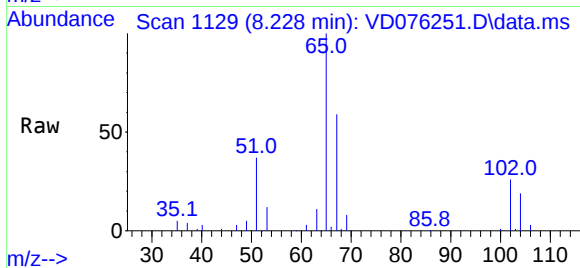
VD0526SBL01

Tgt Ion: 65 Resp: 86182

Ion Ratio Lower Upper

65 100

67 57.8 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD076251.D

Acq: 26 May 2023 11:17

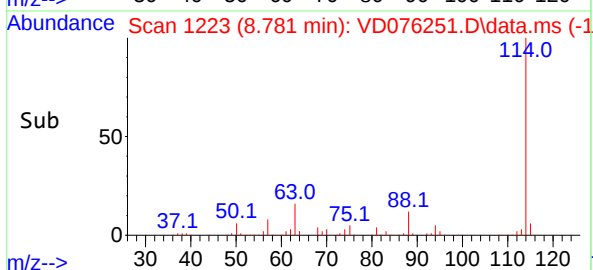
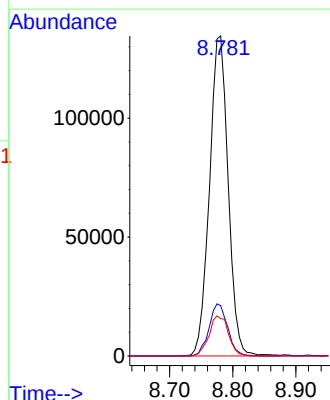
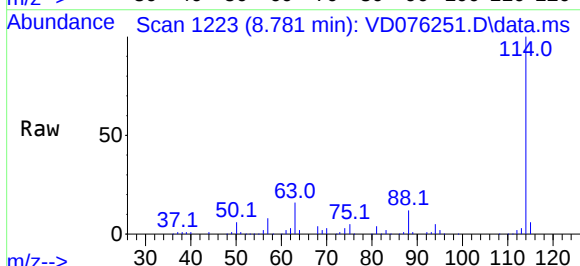
Tgt Ion: 114 Resp: 276438

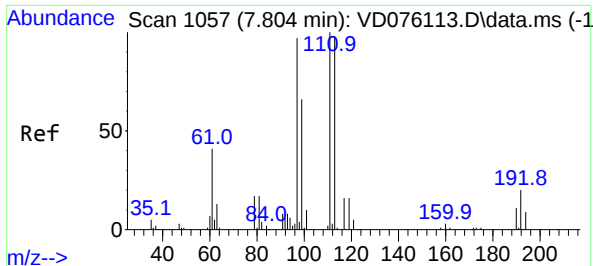
Ion Ratio Lower Upper

114 100

63 15.7 0.0 41.6

88 11.7 0.0 30.6

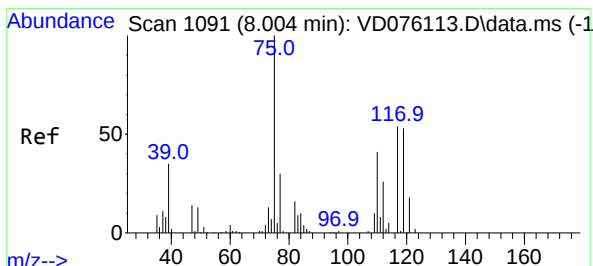
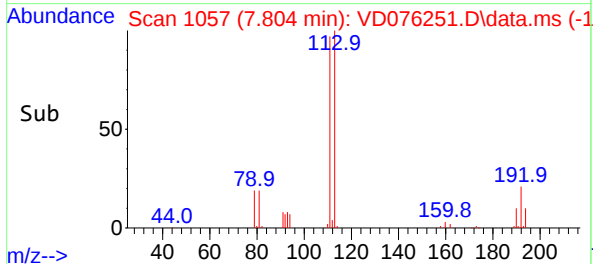
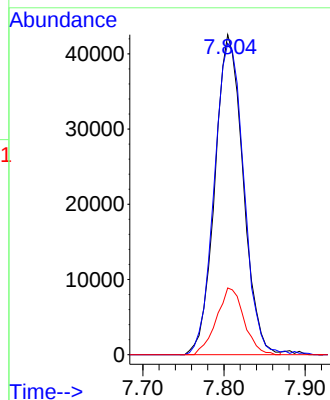
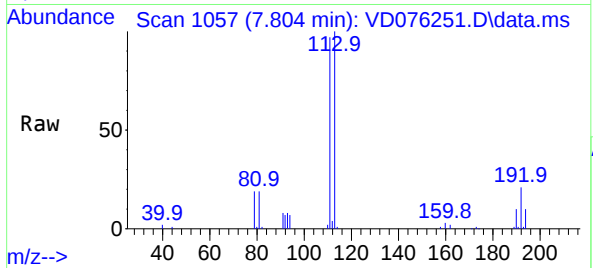




#35
Dibromofluoromethane
Concen: 53.840 ug/l
RT: 7.804 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VD076251.D
Acq: 26 May 2023 11:17

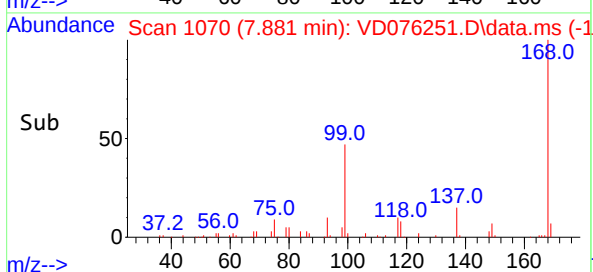
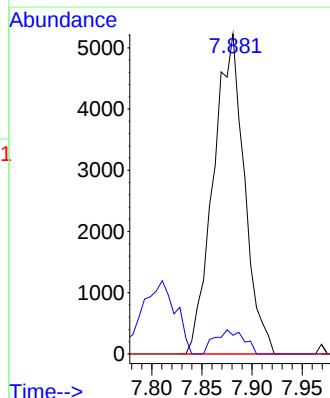
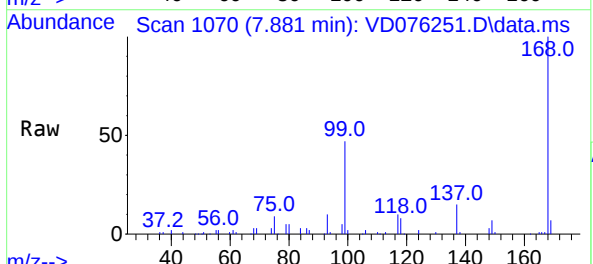
Instrument :
MSVOA_D
ClientSampleId :
VD0526SBL01

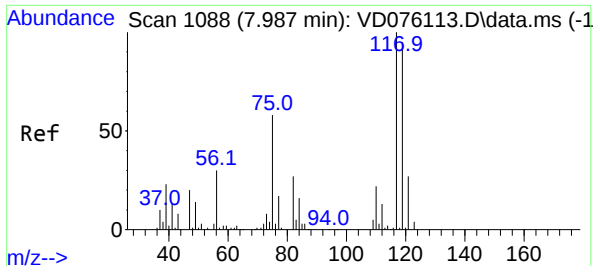
Tgt Ion:113 Resp: 102876
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 20.3 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.350 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD076251.D
Acq: 26 May 2023 11:17

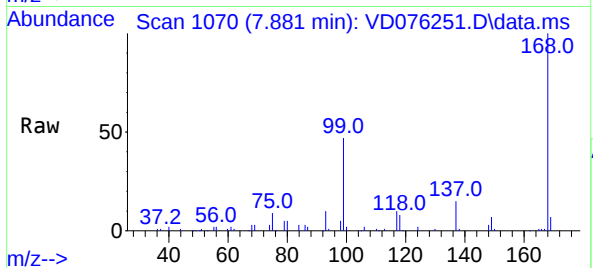
Tgt Ion: 75 Resp: 11227
Ion Ratio Lower Upper
75 100
110 7.0 17.1 51.2#
77 0.0 24.6 36.8#



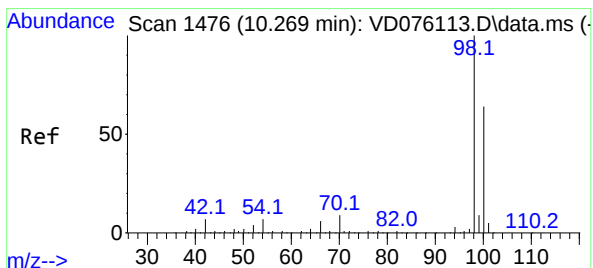
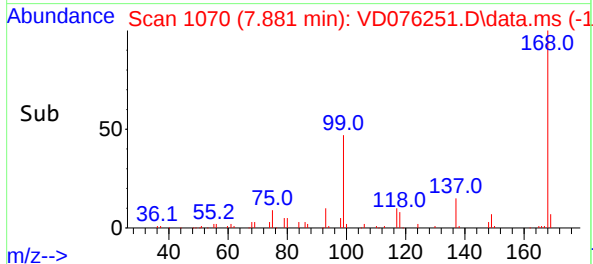
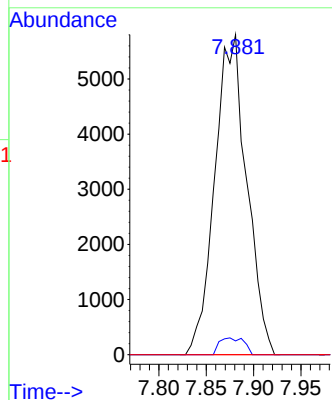


#38
Carbon Tetrachloride
Concen: 5.843 ug/l
RT: 7.881 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD076251.D
Acq: 26 May 2023 11:17

Instrument :
MSVOA_D
ClientSampleId :
VD0526SBL01

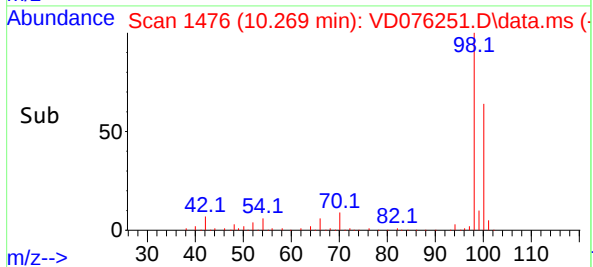
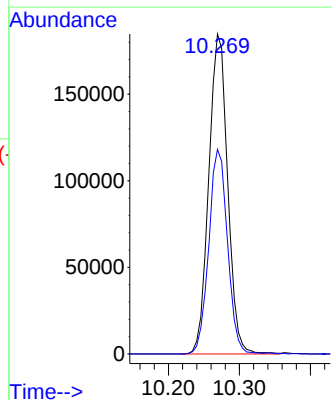
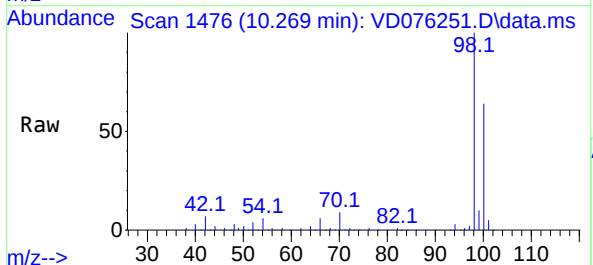


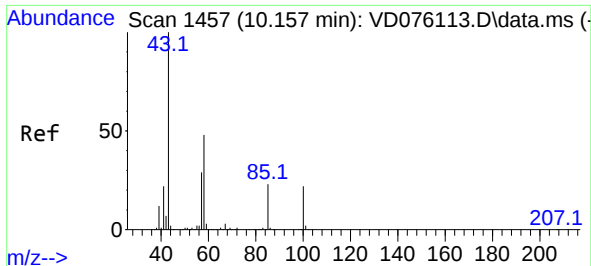
Tgt Ion:117 Resp: 13620
Ion Ratio Lower Upper
117 100
119 4.3 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 45.782 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076251.D
Acq: 26 May 2023 11:17

Tgt Ion: 98 Resp: 341016
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1

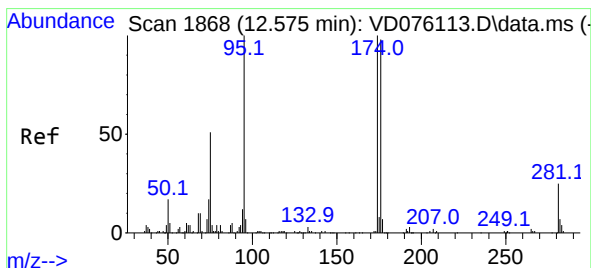
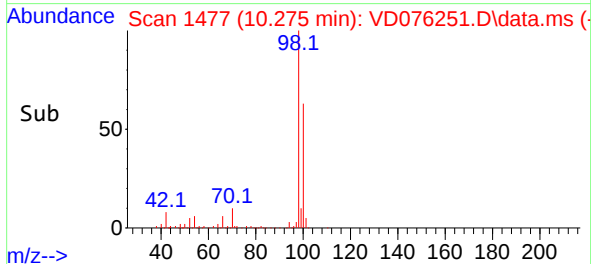
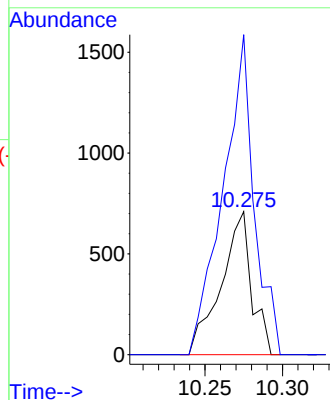
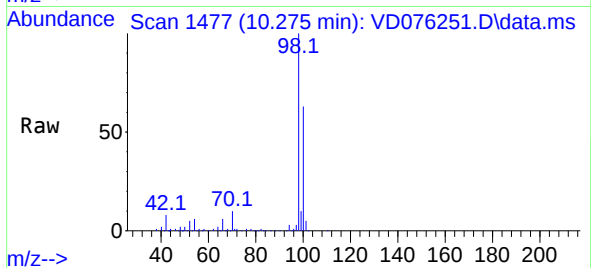




#51
4-Methyl-2-Pentanone
Concen: 1.093 ug/l
RT: 10.275 min Scan# 1457
Delta R.T. 0.118 min
Lab File: VD076251.D
Acq: 26 May 2023 11:17

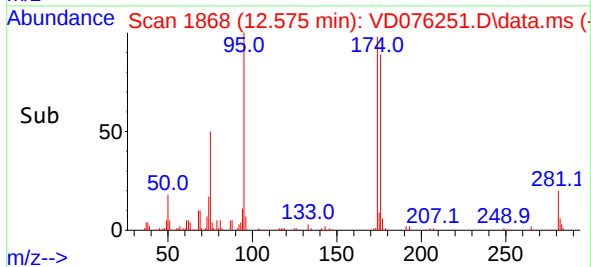
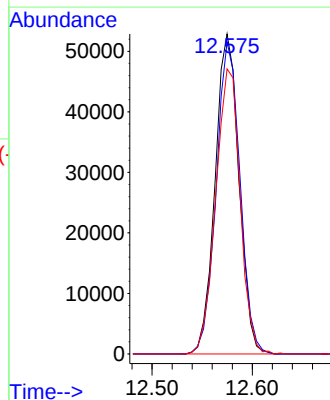
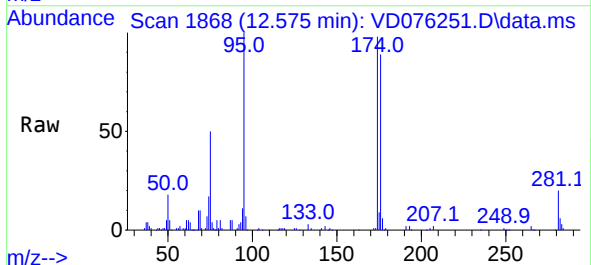
Instrument :
MSVOA_D
ClientSampleId :
VD0526SBL01

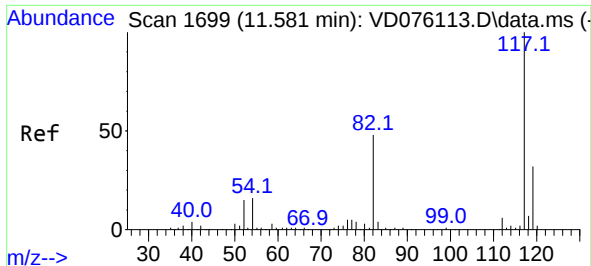
Tgt Ion: 43 Resp: 970
Ion Ratio Lower Upper
43 100
58 228.4 29.5 44.3#



#62
4-Bromofluorobenzene
Concen: 42.191 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076251.D
Acq: 26 May 2023 11:17

Tgt Ion: 95 Resp: 87300
Ion Ratio Lower Upper
95 100
174 97.4 0.0 164.0
176 91.1 0.0 156.8

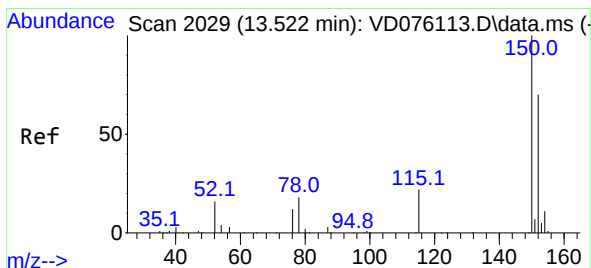
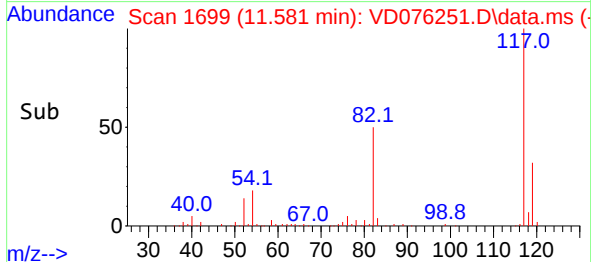
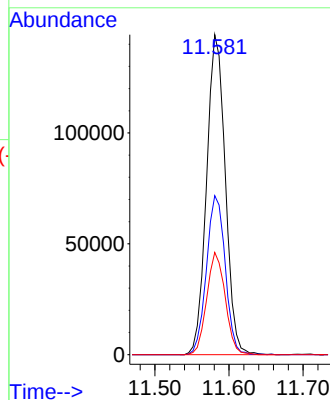
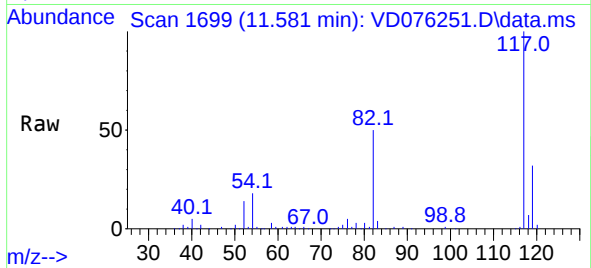




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076251.D
Acq: 26 May 2023 11:17

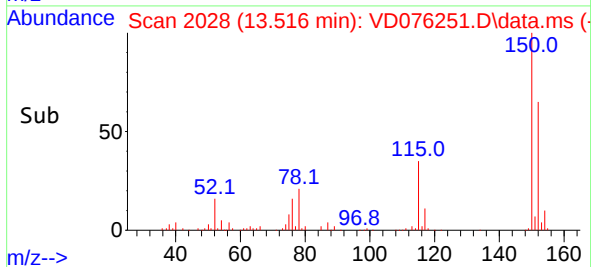
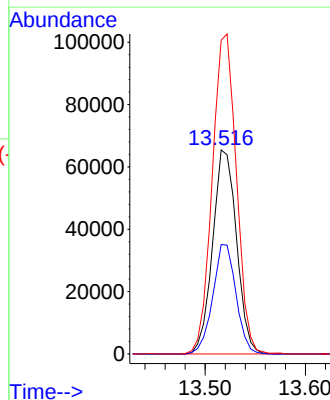
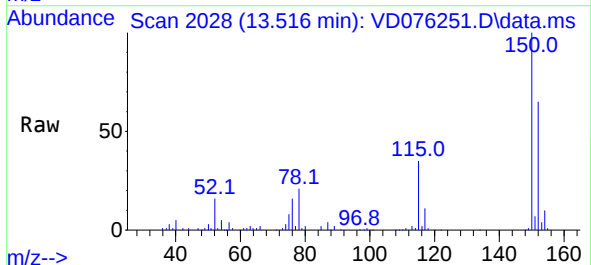
Instrument :
MSVOA_D
ClientSampleId :
VD0526SBL01

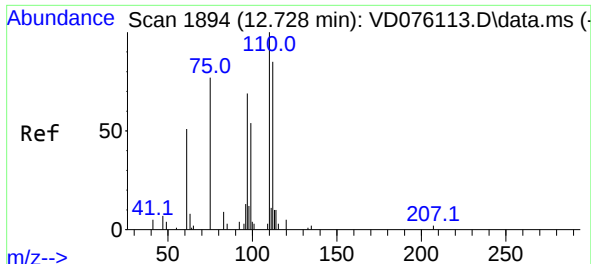
Tgt Ion:117 Resp: 253762
Ion Ratio Lower Upper
117 100
82 49.7 44.0 66.0
119 31.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076251.D
Acq: 26 May 2023 11:17

Tgt Ion:152 Resp: 108602
Ion Ratio Lower Upper
152 100
115 52.0 30.1 90.3
150 158.0 0.0 364.8

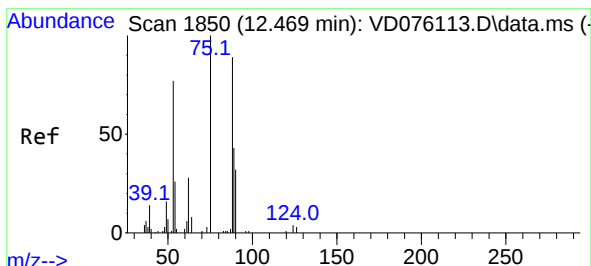
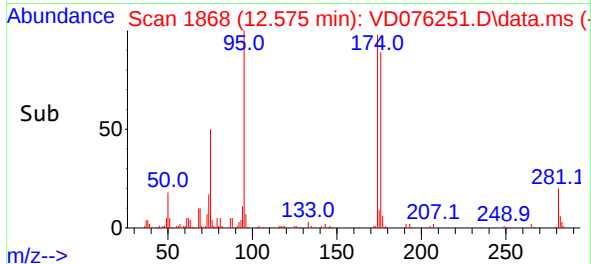
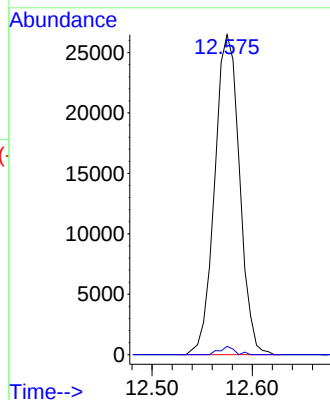
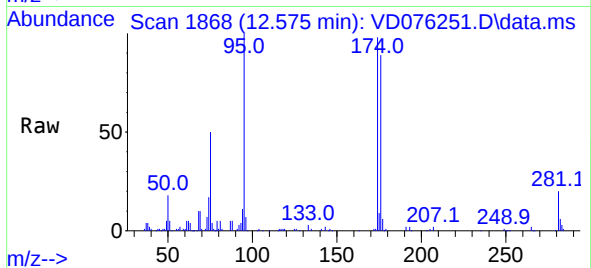




#76
1,2,3-Trichloropropane
Concen: 47.932 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076251.D
Acq: 26 May 2023 11:17

Instrument :
MSVOA_D
ClientSampleId :
VD0526SBL01

Tgt Ion: 75 Resp: 45553
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.554 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076251.D
Acq: 26 May 2023 11:17

Tgt Ion: 75 Resp: 45553
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.2 40.2 60.4#

