

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052523\
 Data File : VD076245.D
 Acq On : 25 May 2023 21:08
 Operator : KP/SY
 Sample : 02922-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ORA-1618

Quant Time: May 26 02:01:31 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)

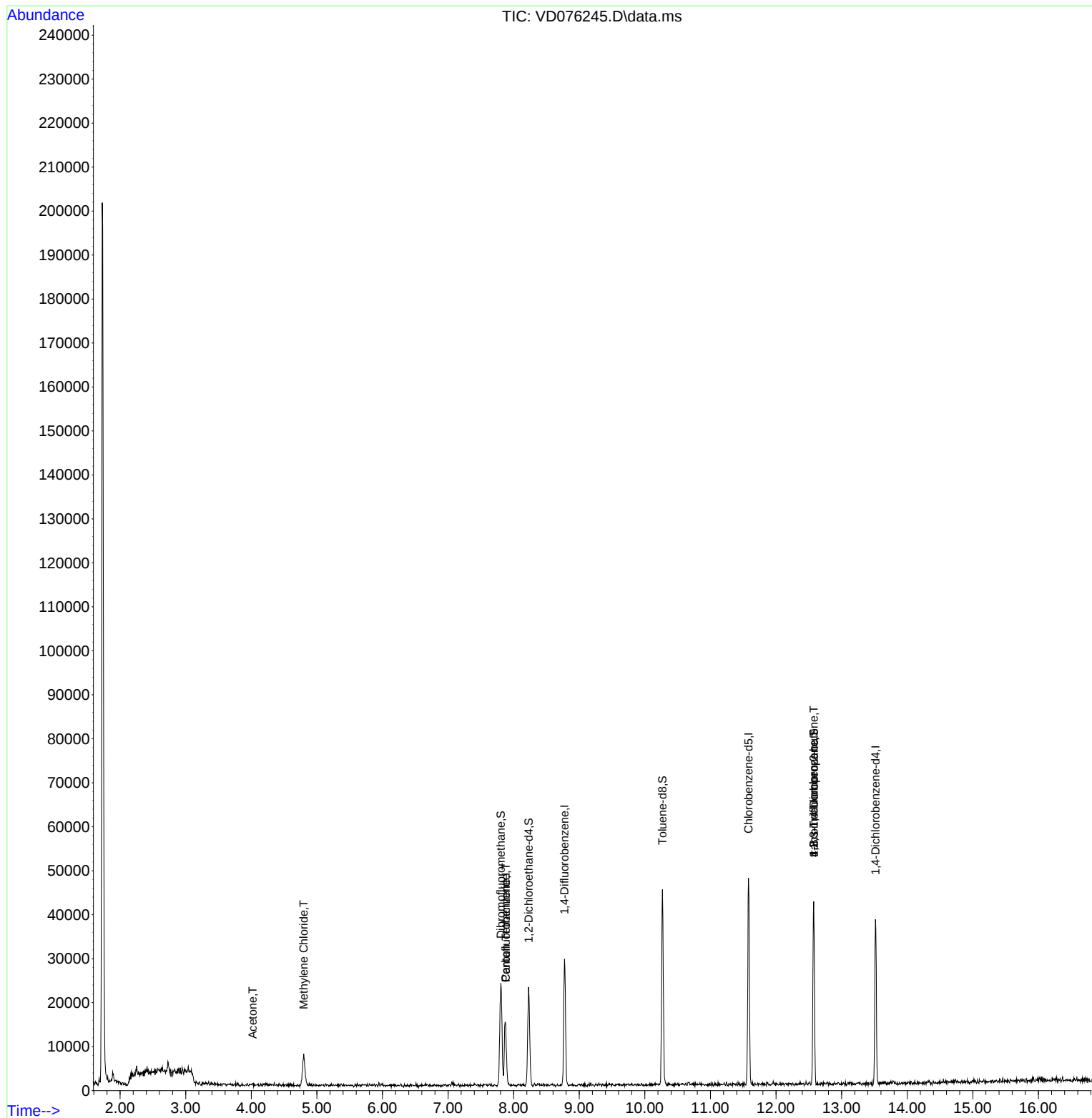
Internal Standards						
1) Pentafluorobenzene	7.881	168	12750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	28073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	30202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	11550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	16594	134.664	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 269.320%#		
35) Dibromofluoromethane	7.804	113	17819	91.829	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 183.660%#		
50) Toluene-d8	10.269	98	33237	43.939	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 87.880%		
62) 4-Bromofluorobenzene	12.575	95	13059	62.148	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 124.300%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	58	Below Cal	#	40
16) Acetone	4.022	43	292	11.910	ug/l #	44
20) Methylene Chloride	4.799	84	5060	20.390	ug/l #	77
38) Carbon Tetrachloride	7.881	117	1386	5.855	ug/l #	13
76) 1,2,3-Trichloropropane	12.575	75	6547	64.775	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	6547	135.888	ug/l #	5

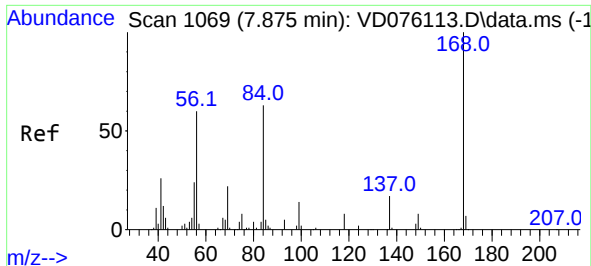
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ORA-1618

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Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
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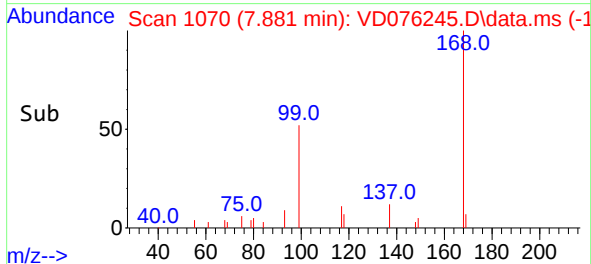
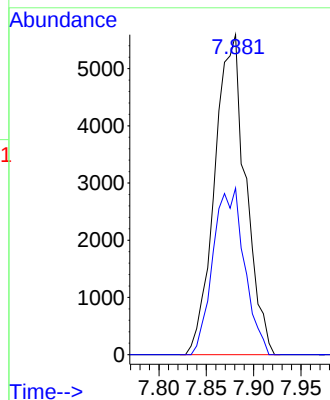
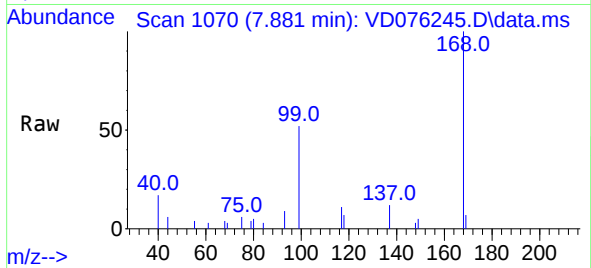




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD076245.D
Acq: 25 May 2023 21:08

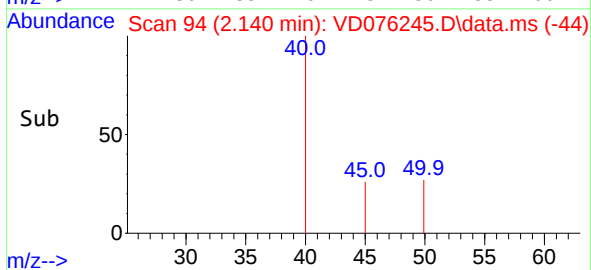
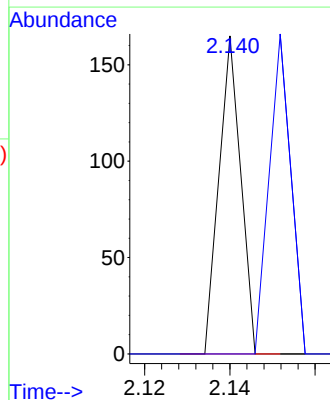
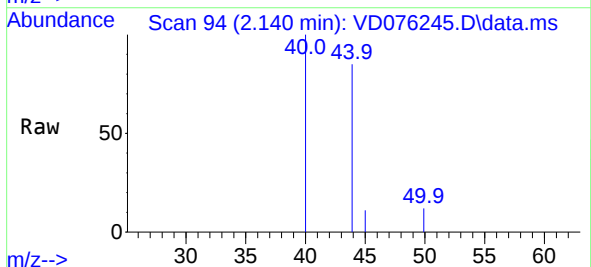
Instrument :
MSVOA_D
ClientSampleId :
ORA-1618

Tgt Ion:168 Resp: 12750
Ion Ratio Lower Upper
168 100
99 52.0 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD076245.D
Acq: 25 May 2023 21:08

Tgt Ion: 50 Resp: 58
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#





#16

Acetone

Concen: 11.910 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD076245.D

Acq: 25 May 2023 21:08

Instrument :

MSVOA_D

ClientSampleId :

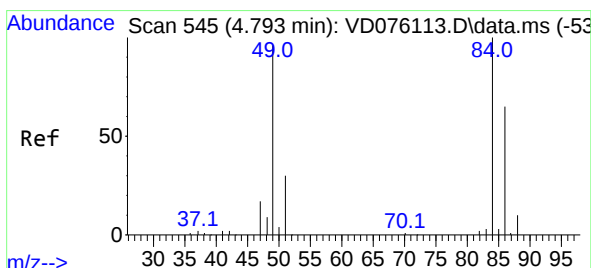
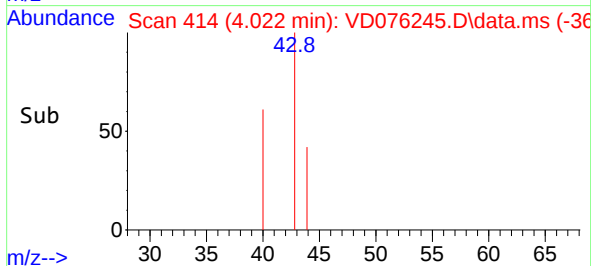
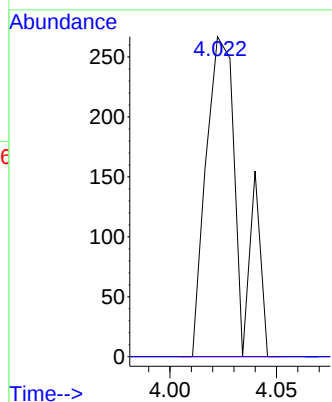
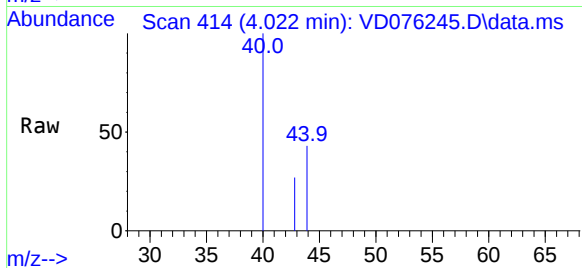
ORA-1618

Tgt Ion: 43 Resp: 292

Ion Ratio Lower Upper

43 100

58 0.0 24.4 36.6#



#20

Methylene Chloride

Concen: 20.390 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076245.D

Acq: 25 May 2023 21:08

Tgt Ion: 84 Resp: 5060

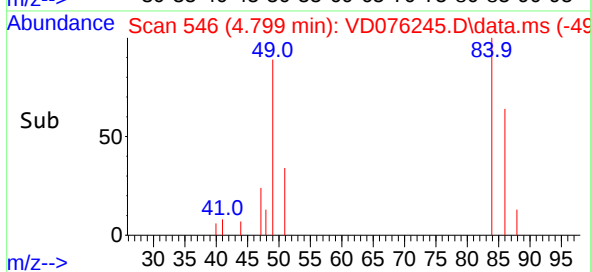
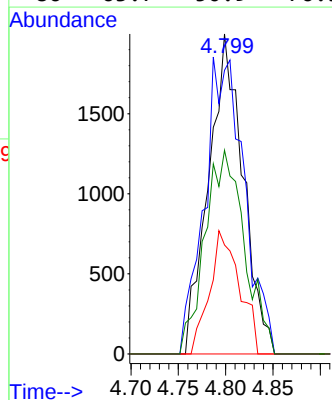
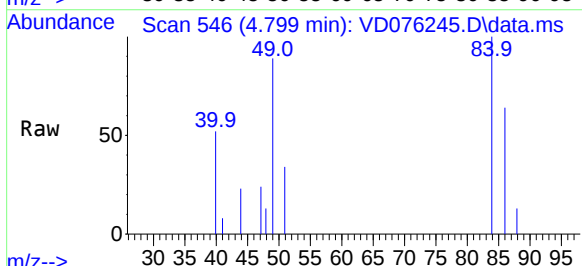
Ion Ratio Lower Upper

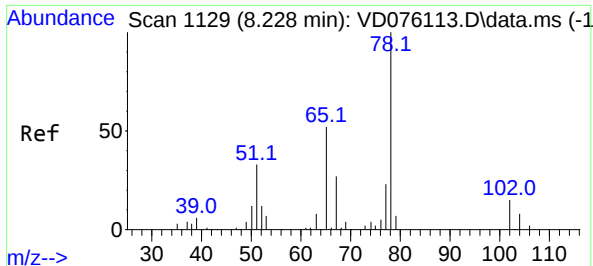
84 100

49 88.6 106.4 159.6#

51 34.0 32.4 48.6

86 63.7 50.9 76.3

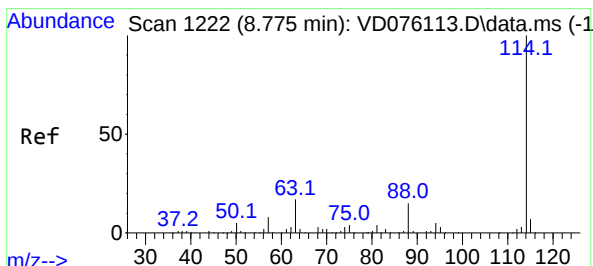
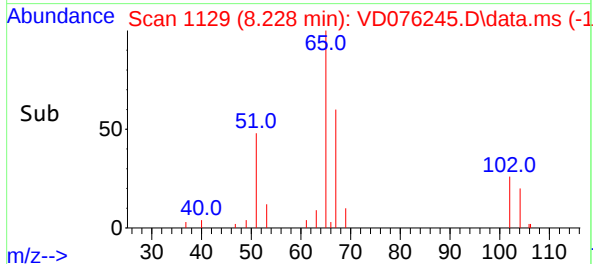
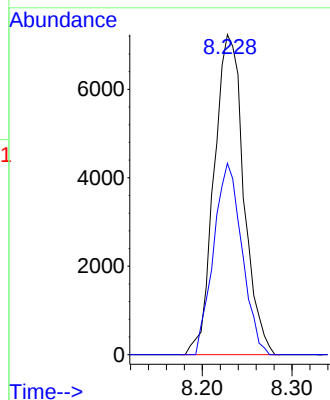
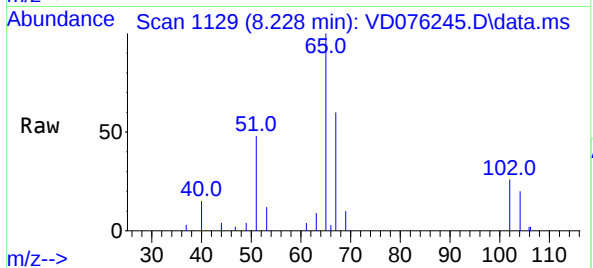




#33
1,2-Dichloroethane-d4
Concen: 134.664 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076245.D
Acq: 25 May 2023 21:08

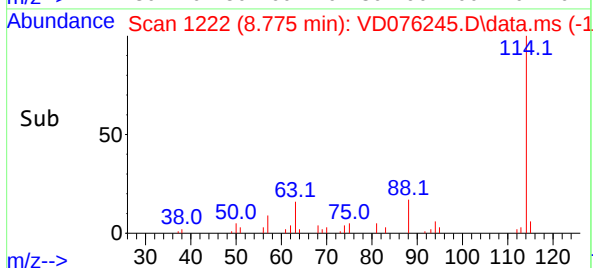
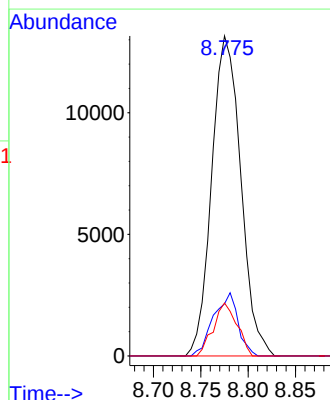
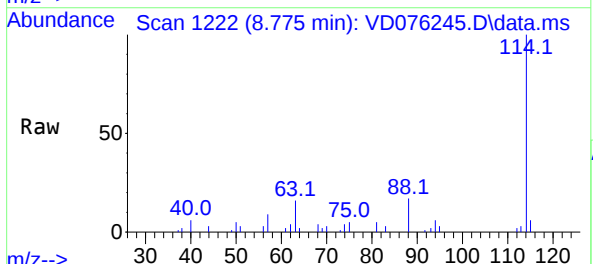
Instrument :
MSVOA_D
ClientSampleId :
ORA-1618

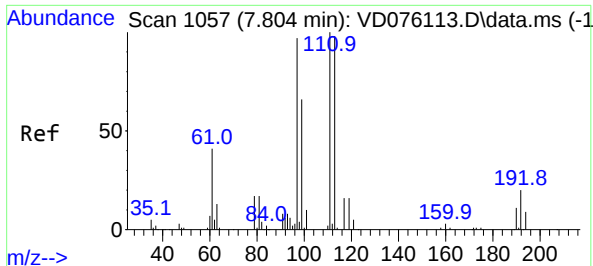
Tgt Ion: 65 Resp: 16594
Ion Ratio Lower Upper
65 100
67 57.2 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD076245.D
Acq: 25 May 2023 21:08

Tgt Ion: 114 Resp: 28073
Ion Ratio Lower Upper
114 100
63 16.3 0.0 41.6
88 16.6 0.0 30.6

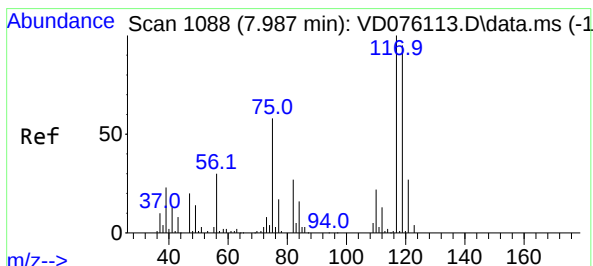
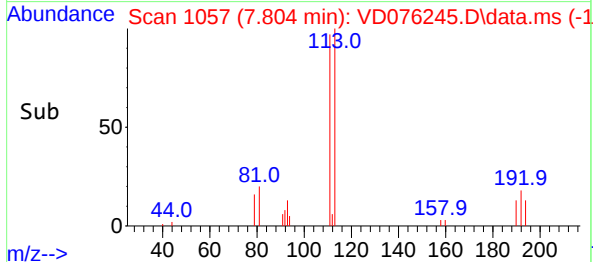
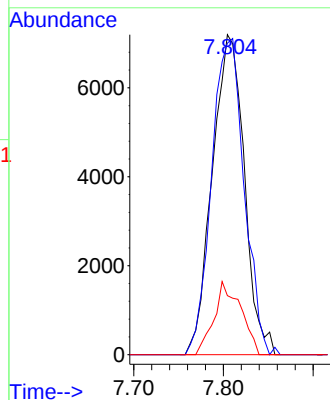
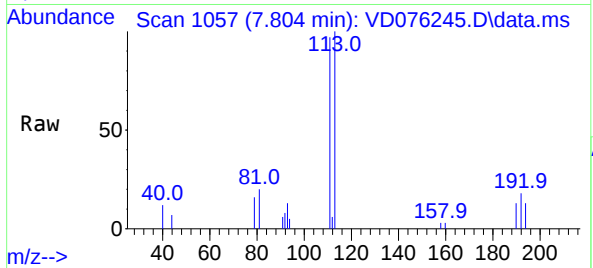




#35
Dibromofluoromethane
Concen: 91.829 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076245.D
Acq: 25 May 2023 21:08

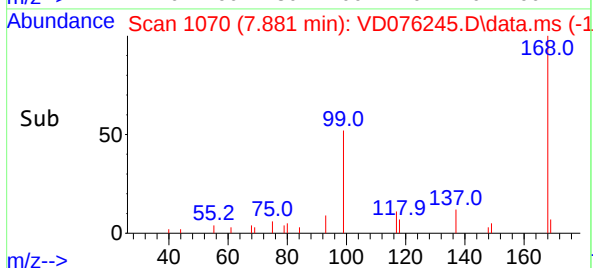
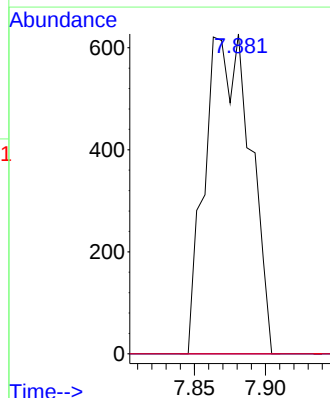
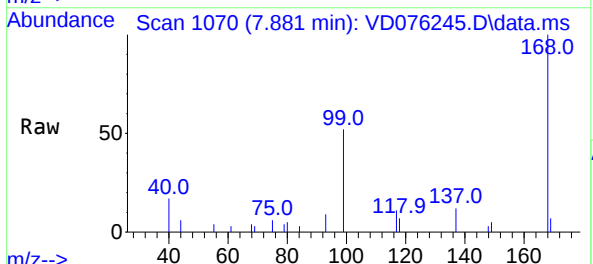
Instrument :
MSVOA_D
ClientSampleId :
ORA-1618

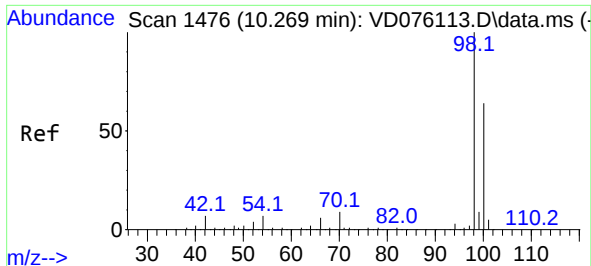
Tgt Ion:	113	Resp:	17819
Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.4	122.0
192	19.1	15.2	22.8



#38
Carbon Tetrachloride
Concen: 5.855 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.112 min
Lab File: VD076245.D
Acq: 25 May 2023 21:08

Tgt Ion:	117	Resp:	1386
Ion	Ratio	Lower	Upper
117	100		
119	0.0	74.7	112.1#
121	0.0	25.9	38.9#

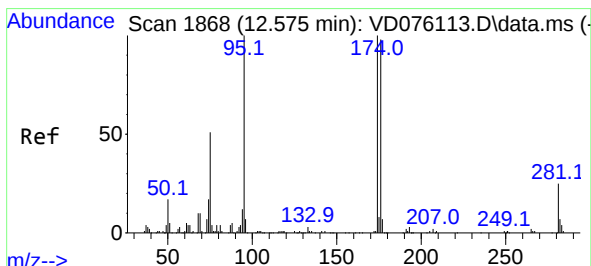
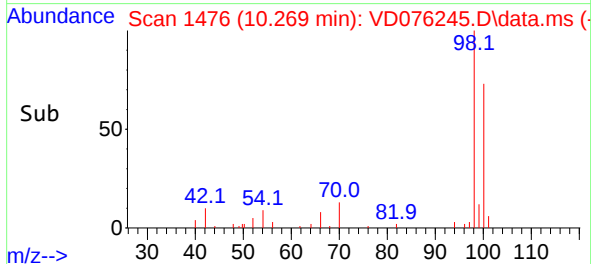
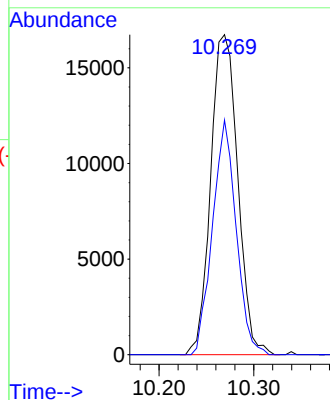
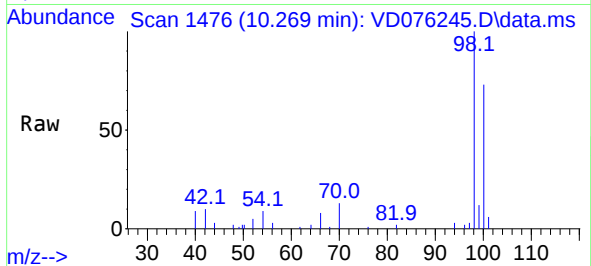




#50
Toluene-d8
Concen: 43.939 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076245.D
Acq: 25 May 2023 21:08

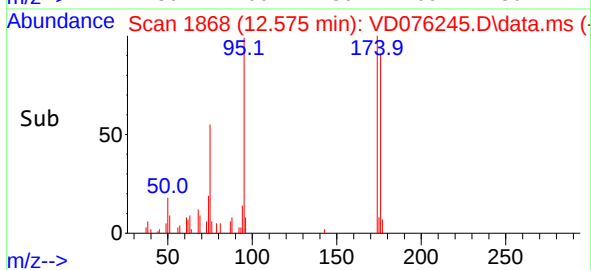
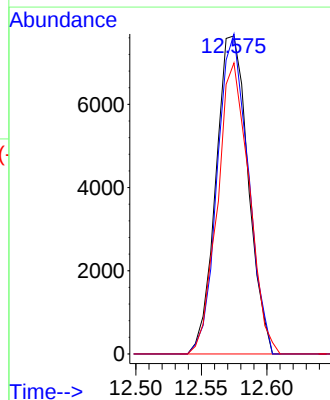
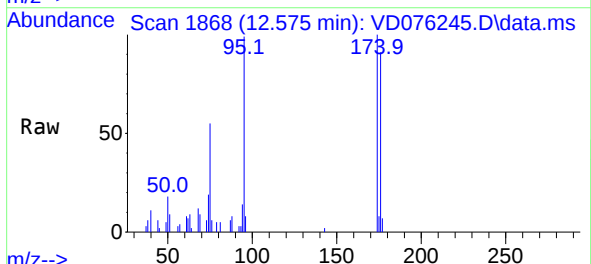
Instrument :
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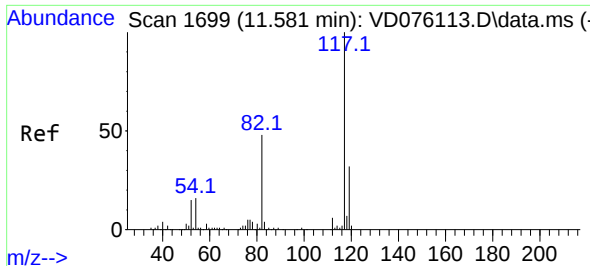
Tgt Ion: 98 Resp: 33237
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 62.148 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076245.D
Acq: 25 May 2023 21:08

Tgt Ion: 95 Resp: 13059
Ion Ratio Lower Upper
95 100
174 96.2 0.0 164.0
176 89.5 0.0 156.8

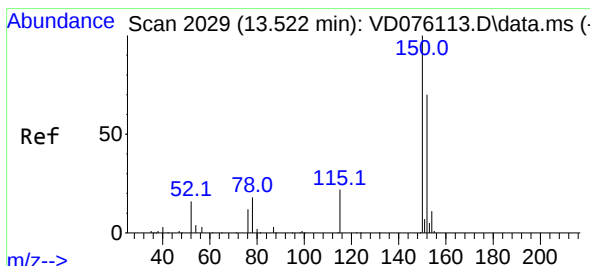
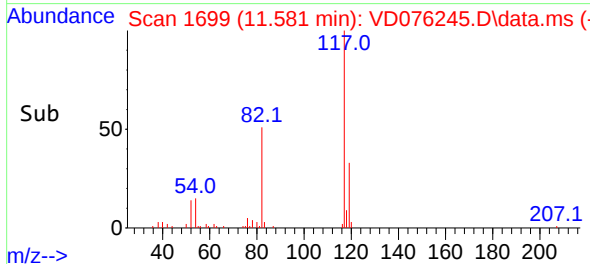
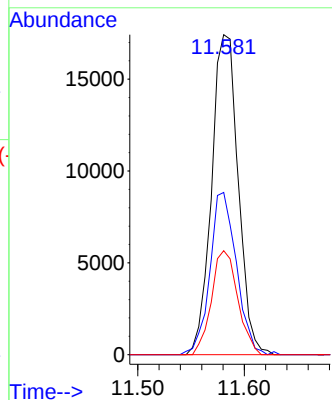
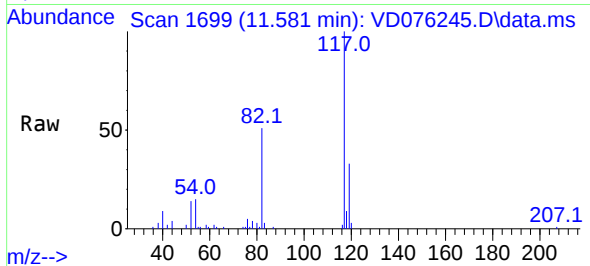




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076245.D
Acq: 25 May 2023 21:08

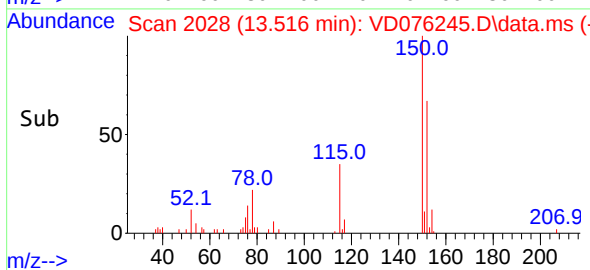
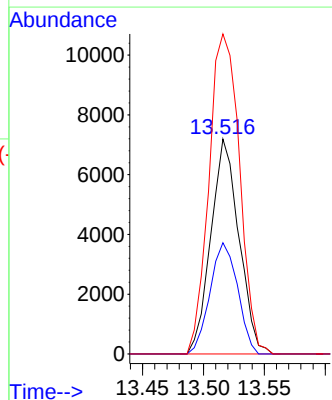
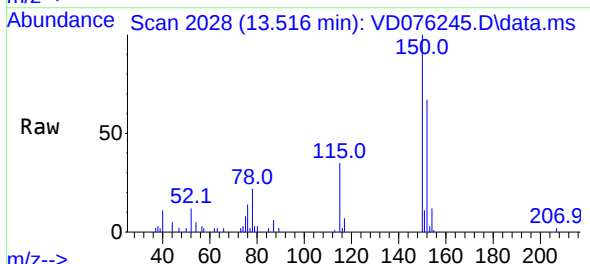
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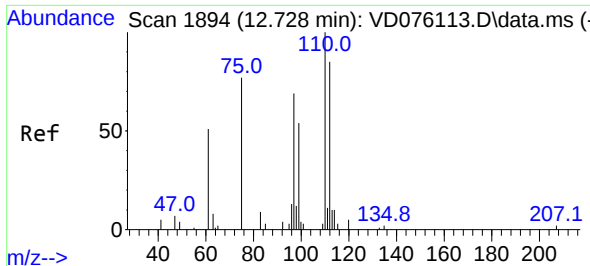
Tgt Ion:	117	Resp:	30202
Ion	Ratio	Lower	Upper
117	100		
82	50.7	44.0	66.0
119	32.5	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076245.D
Acq: 25 May 2023 21:08

Tgt Ion:	152	Resp:	11550
Ion	Ratio	Lower	Upper
152	100		
115	50.7	30.1	90.3
150	161.8	0.0	364.8

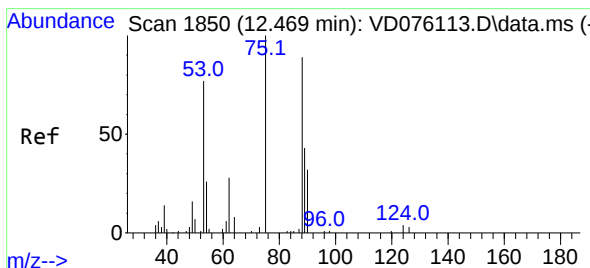
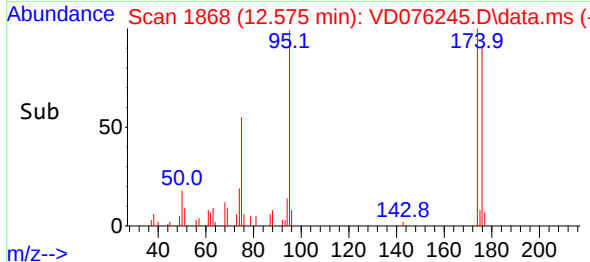
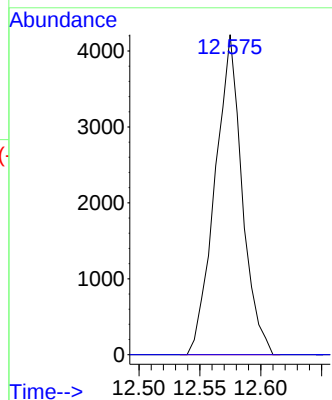
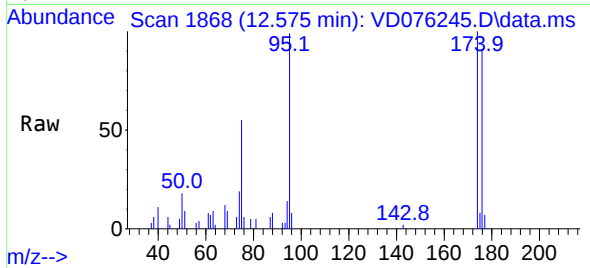




#76
1,2,3-Trichloropropane
Concen: 64.775 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076245.D
Acq: 25 May 2023 21:08

Instrument :
MSVOA_D
ClientSampleId :
ORA-1618

Tgt Ion: 75 Resp: 6547
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 135.888 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076245.D
Acq: 25 May 2023 21:08

Tgt Ion: 75 Resp: 6547
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

