

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
 Data File : VD074630.D
 Acq On : 25 Oct 2022 14:01
 Operator : VA/SY
 Sample : N5218-11RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2RE

Quant Time: Oct 27 01:21:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

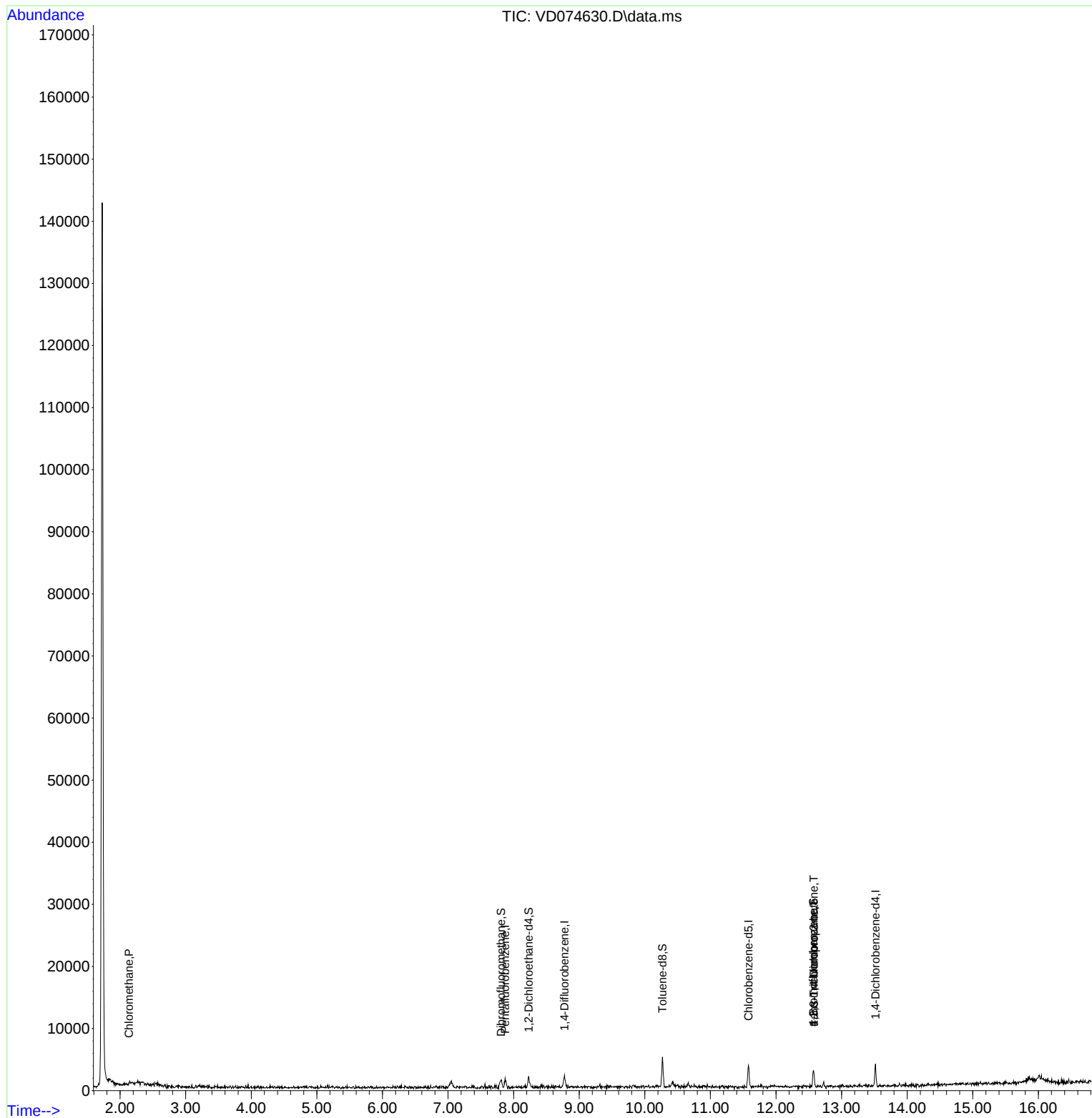
Internal Standards						
1) Pentafluorobenzene	7.869	168	1664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	3018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	2589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	1334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	1369	107.758	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	215.520%#
35) Dibromofluoromethane	7.810	113	1259	75.865	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	151.720%#
50) Toluene-d8	10.269	98	3830	63.404	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	126.800%
62) 4-Bromofluorobenzene	12.569	95	1066	61.800	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	123.600%
Target Compounds						
						Qvalue
3) Chloromethane	2.134	50	271	15.499	ug/l #	37
20) Methylene Chloride	4.822	84	56	Below Cal	#	18
76) 1,2,3-Trichloropropane	12.575	75	459	39.406	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	459	100.701	ug/l #	17

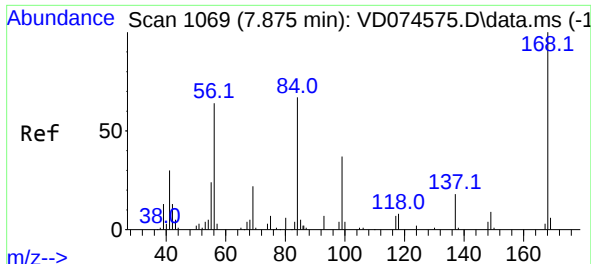
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SP-2RE

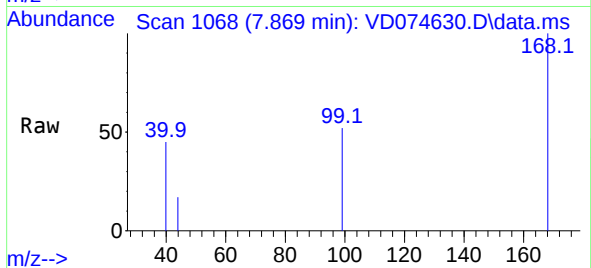
Quant Time: Oct 27 01:21:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260
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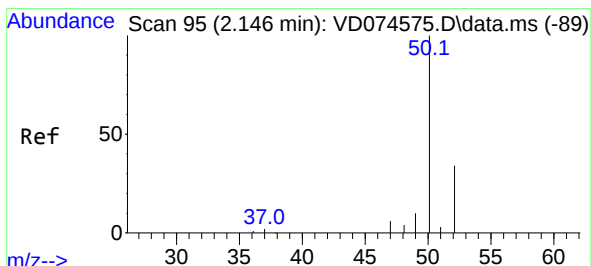
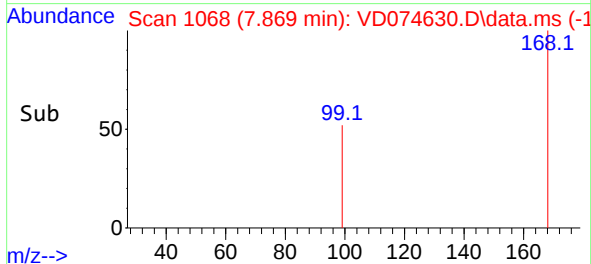
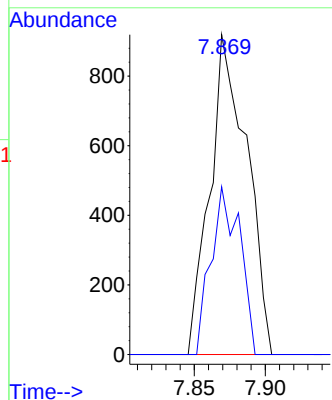


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074630.D
Acq: 25 Oct 2022 14:01

Instrument :
MSVOA_D
ClientSampleId :
SP-2RE

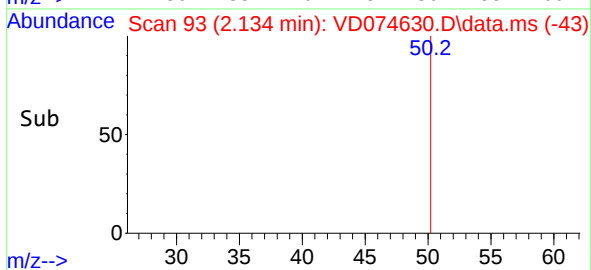
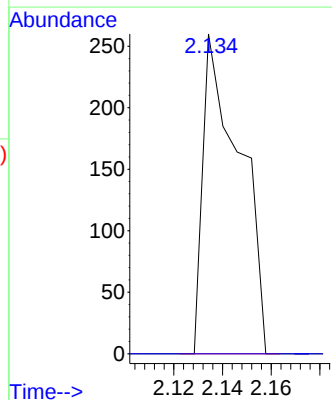
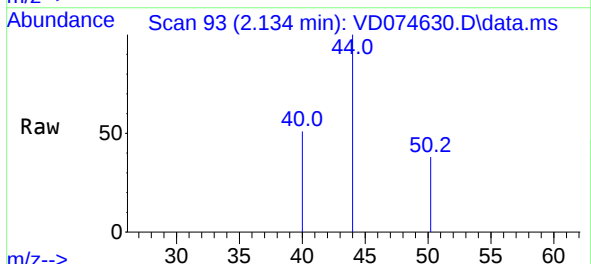


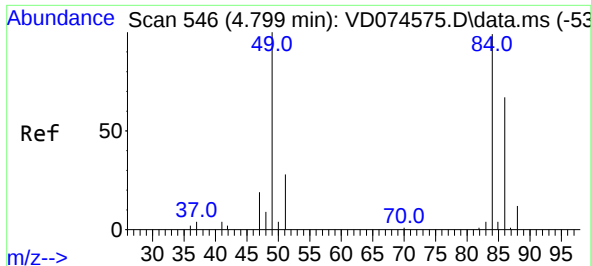
Tgt Ion:168 Resp: 1664
Ion Ratio Lower Upper
168 100
99 52.4 40.9 61.3



#3
Chloromethane
Concen: 15.499 ug/l
RT: 2.134 min Scan# 93
Delta R.T. -0.006 min
Lab File: VD074630.D
Acq: 25 Oct 2022 14:01

Tgt Ion: 50 Resp: 271
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

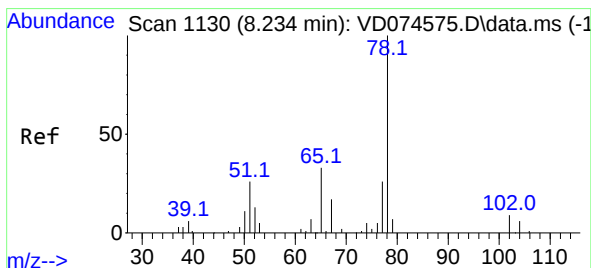
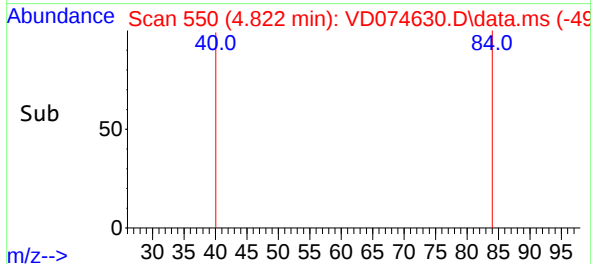
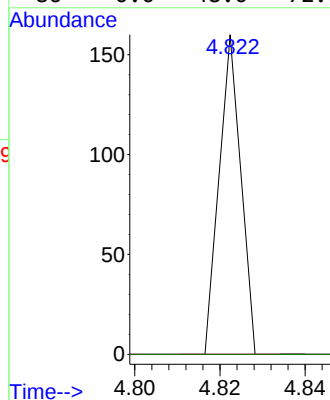
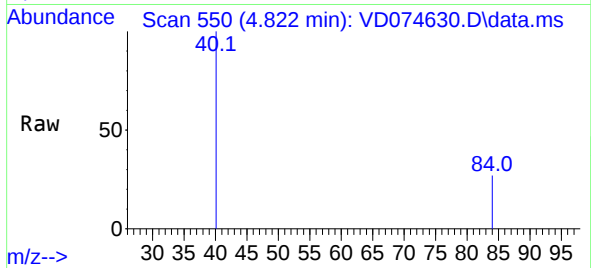




#20
Methylene Chloride
Concen: Below Cal
RT: 4.822 min Scan# 51
Delta R.T. 0.023 min
Lab File: VD074630.D
Acq: 25 Oct 2022 14:01

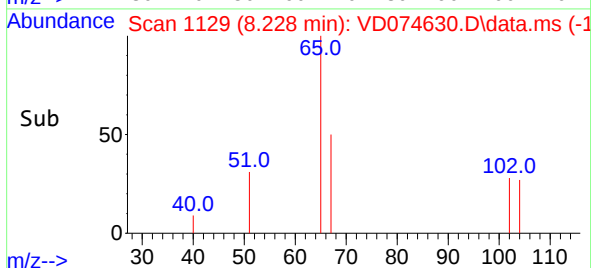
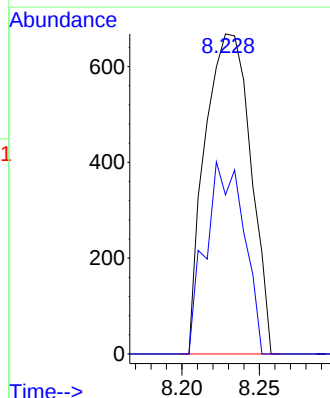
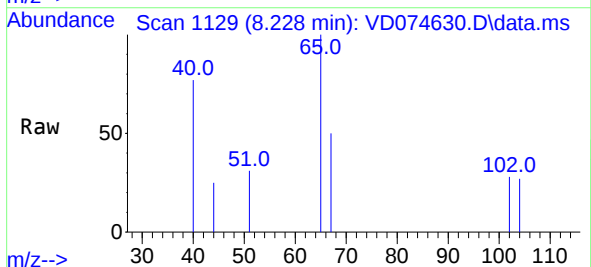
Instrument :
MSVOA_D
ClientSampleId :
SP-2RE

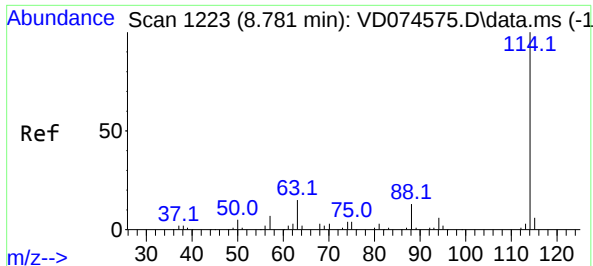
Tgt Ion: 84	Resp:	56	
Ion	Ratio	Lower	Upper
84	100		
49	0.0	68.0	102.0#
51	0.0	23.2	34.8#
86	0.0	48.0	72.0#



#33
1,2-Dichloroethane-d4
Concen: 107.758 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074630.D
Acq: 25 Oct 2022 14:01

Tgt Ion: 65	Resp:	1369	
Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	110.2

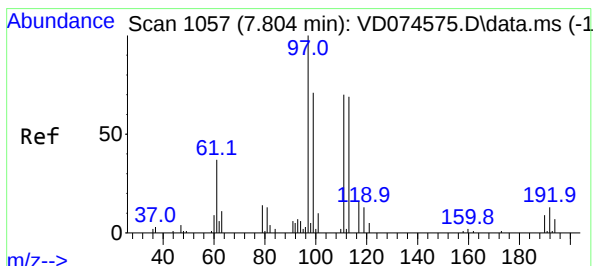
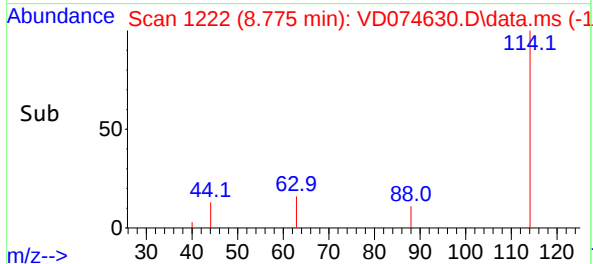
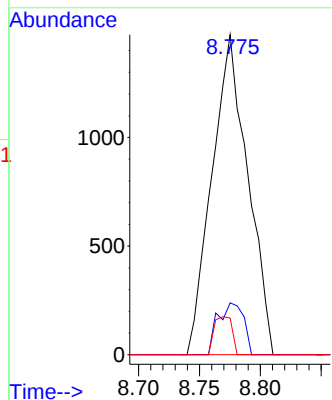
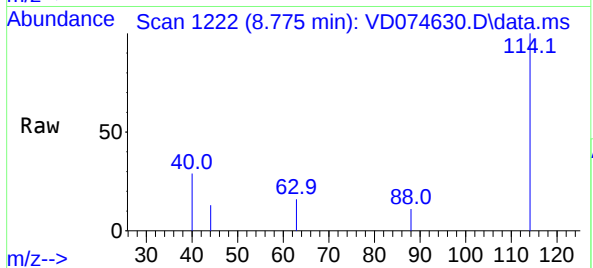




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074630.D
Acq: 25 Oct 2022 14:01

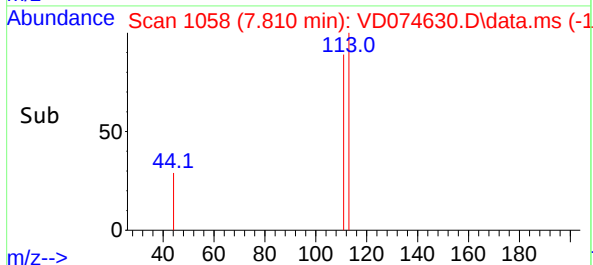
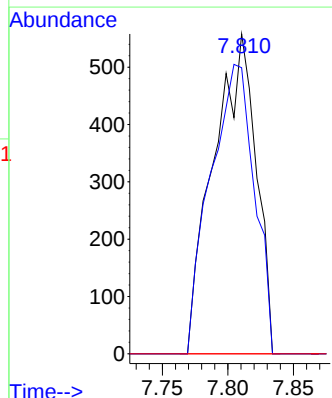
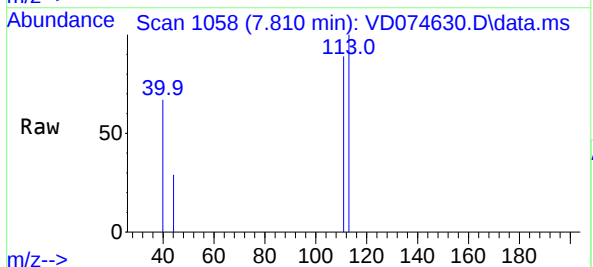
Instrument :
MSVOA_D
ClientSampleId :
SP-2RE

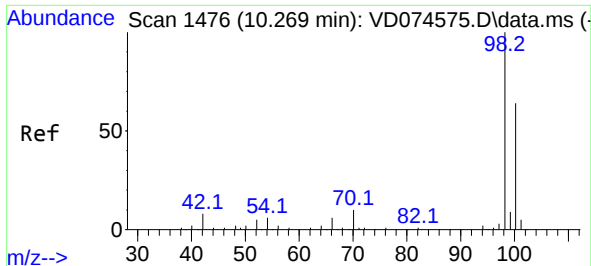
Tgt Ion:114 Resp: 3018
Ion Ratio Lower Upper
114 100
63 16.2 0.0 33.2
88 11.5 0.0 28.2



#35
Dibromofluoromethane
Concen: 75.865 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD074630.D
Acq: 25 Oct 2022 14:01

Tgt Ion:113 Resp: 1259
Ion Ratio Lower Upper
113 100
111 93.5 82.3 123.5
192 0.0 16.4 24.6#

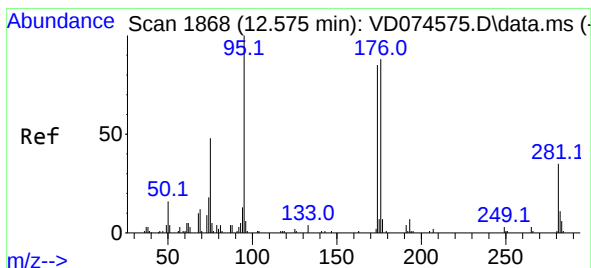
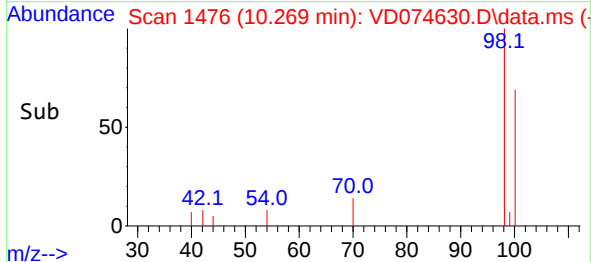
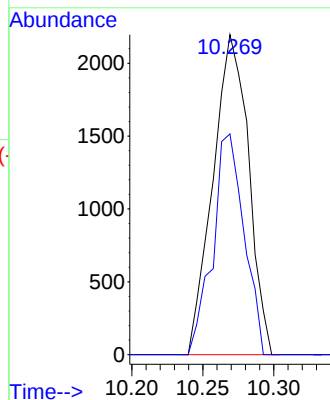
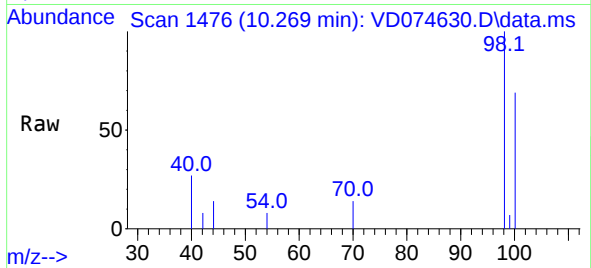




#50
Toluene-d8
Concen: 63.404 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074630.D
Acq: 25 Oct 2022 14:01

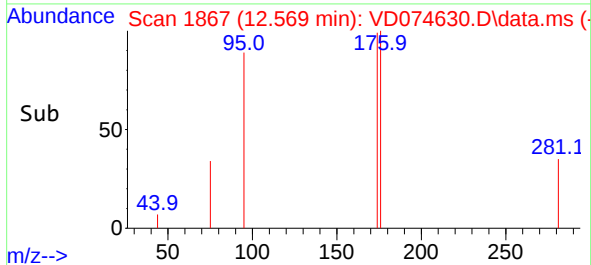
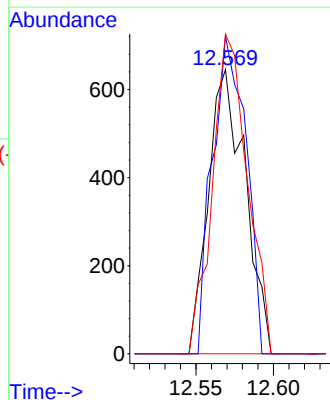
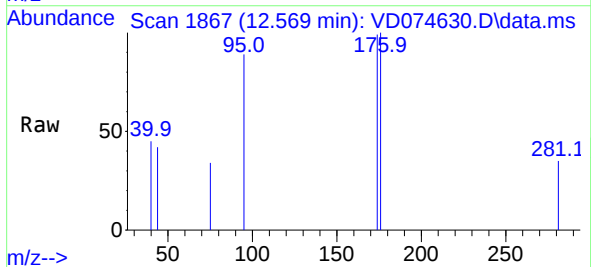
Instrument :
MSVOA_D
ClientSampleId :
SP-2RE

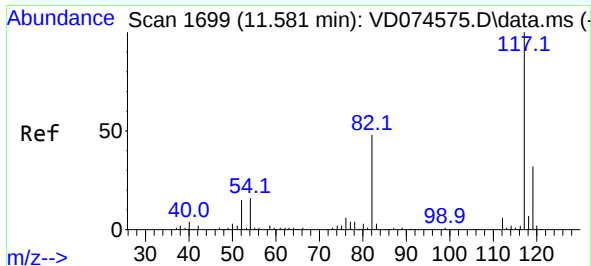
Tgt Ion: 98 Resp: 3830
Ion Ratio Lower Upper
98 100
100 60.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 61.800 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074630.D
Acq: 25 Oct 2022 14:01

Tgt Ion: 95 Resp: 1066
Ion Ratio Lower Upper
95 100
174 102.1 0.0 197.0
176 107.1 0.0 182.6

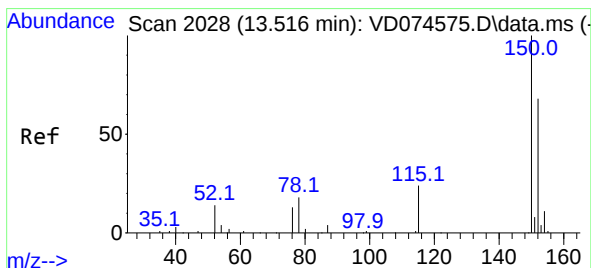
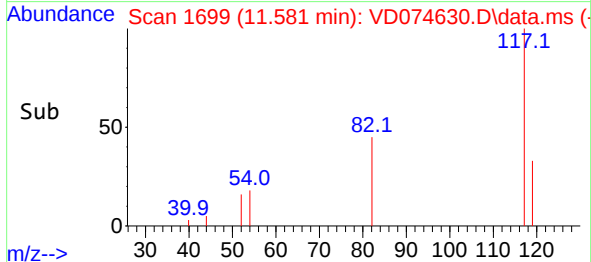
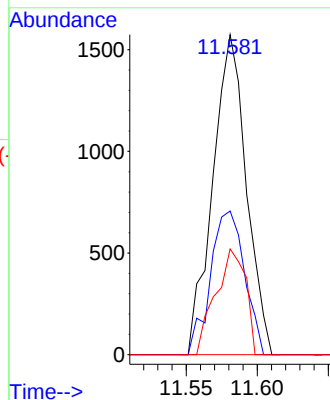
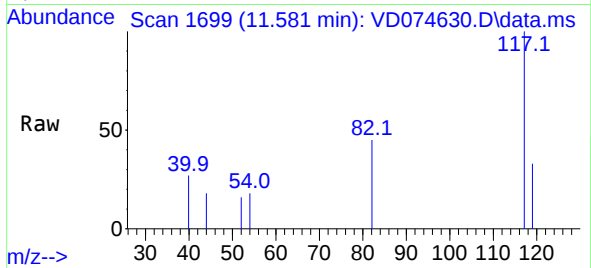




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074630.D
Acq: 25 Oct 2022 14:01

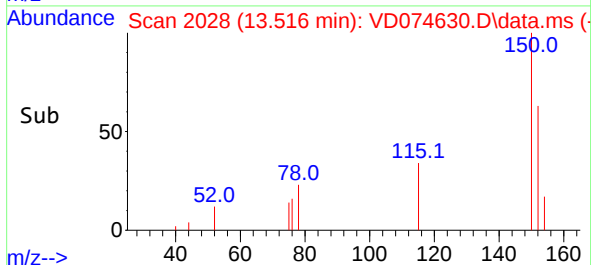
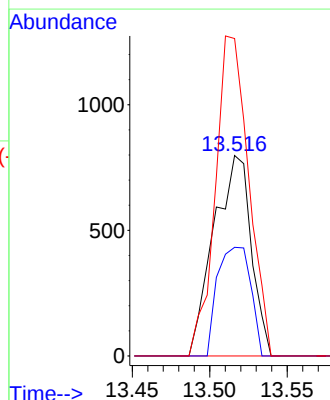
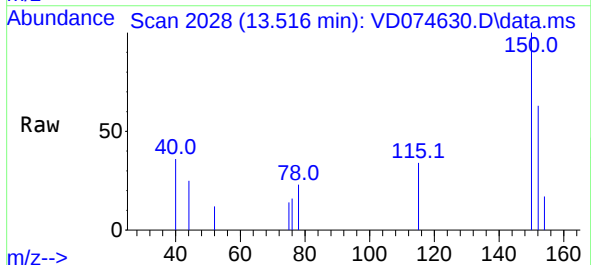
Instrument :
MSVOA_D
ClientSampleId :
SP-2RE

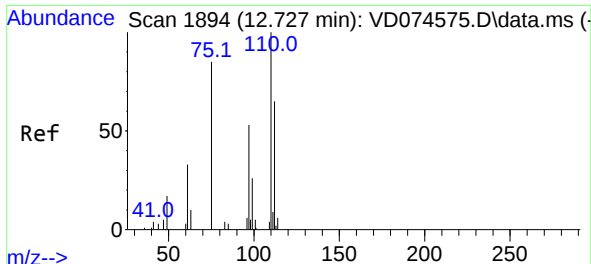
Tgt Ion:117 Resp: 2589
Ion Ratio Lower Upper
117 100
82 44.9 41.6 62.4
119 33.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074630.D
Acq: 25 Oct 2022 14:01

Tgt Ion:152 Resp: 1334
Ion Ratio Lower Upper
152 100
115 48.2 26.8 80.4
150 142.8 0.0 348.2

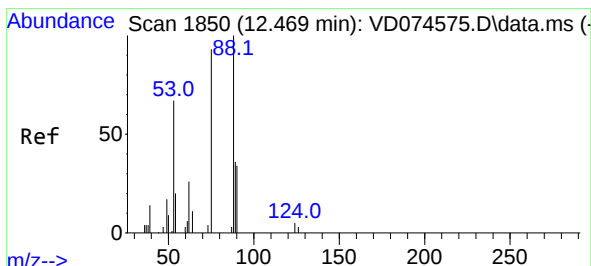
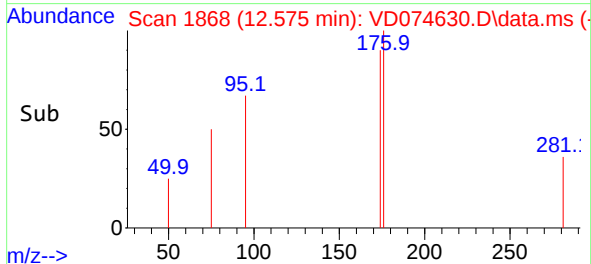
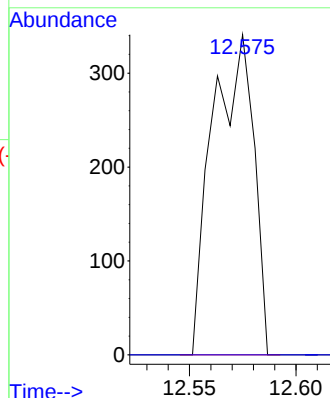
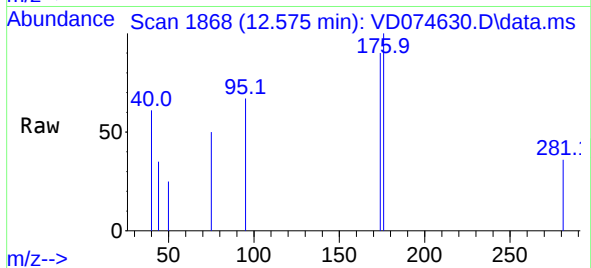




#76
1,2,3-Trichloropropane
Concen: 39.406 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.141 min
Lab File: VD074630.D
Acq: 25 Oct 2022 14:01

Instrument :
MSVOA_D
ClientSampleId :
SP-2RE

Tgt Ion: 75 Resp: 459
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.701 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.112 min
Lab File: VD074630.D
Acq: 25 Oct 2022 14:01

Tgt Ion: 75 Resp: 459
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

