Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
Data File : VD074430.D
Acq On : 26 Sep 2022 20:27
Operator : VA/SY
Sample : N4764-10
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Sep 27 04:11:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 03:19:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	2472	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	4937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	5838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	2988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	2634	123.764	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 247.520%#			
35) Dibromofluoromethane	7.810	113	2155	65.925	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 131.860%			
50) Toluene-d8	10.269	98	5845	52.060	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.120%			
62) 4-Bromofluorobenzene	12.569	95	2418	63.262	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 126.520%			
Target Compounds						Qvalue
20) Methylene Chloride	4.805	84	336	4.347	ug/l #	58
36) 1,1-Dichloropropene	7.875	75	53	1.182	ug/l #	39
38) Carbon Tetrachloride	7.881	117	172	4.009	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	1285	54.984	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	1285	134.173	ug/l #	17

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

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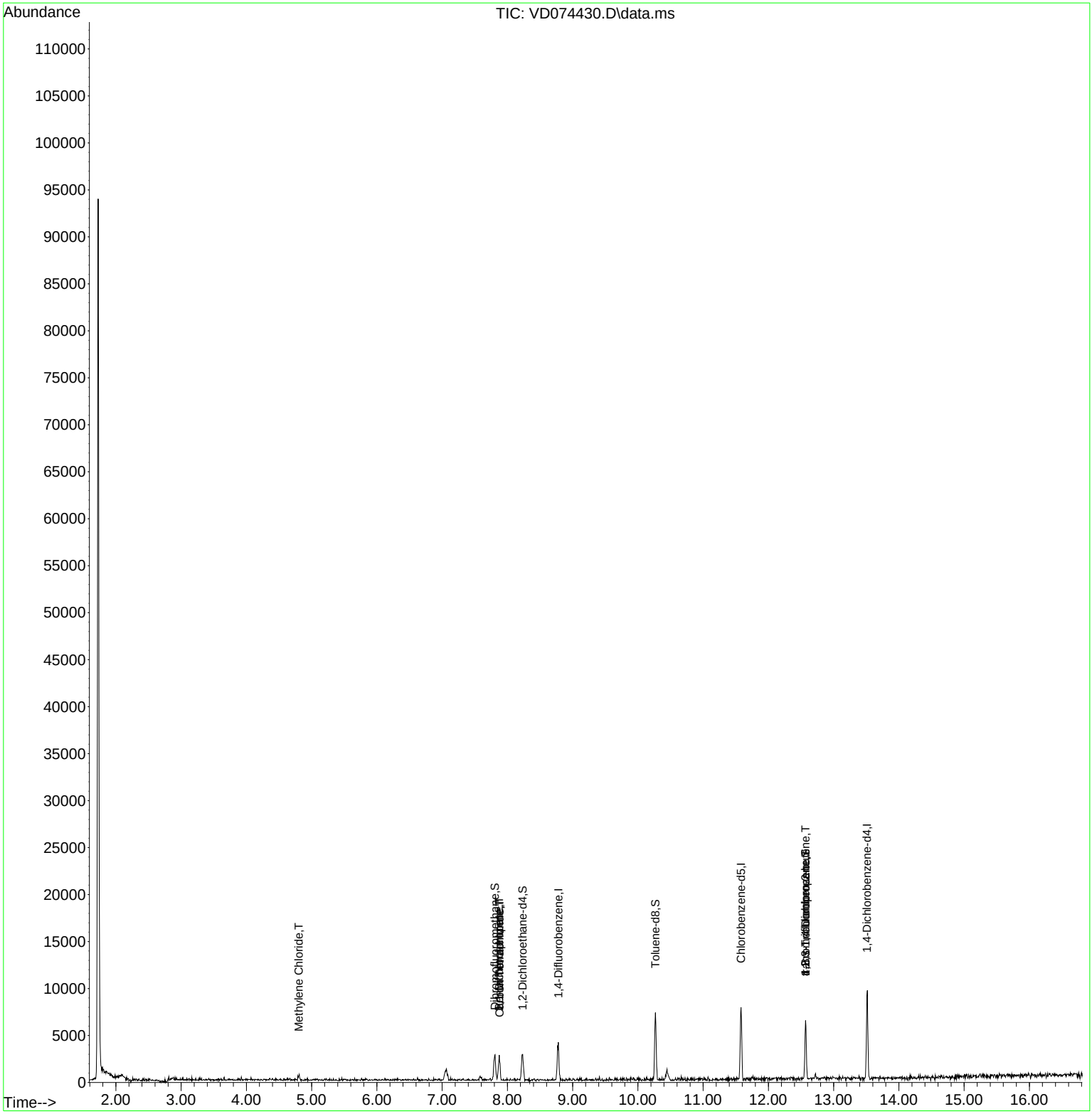
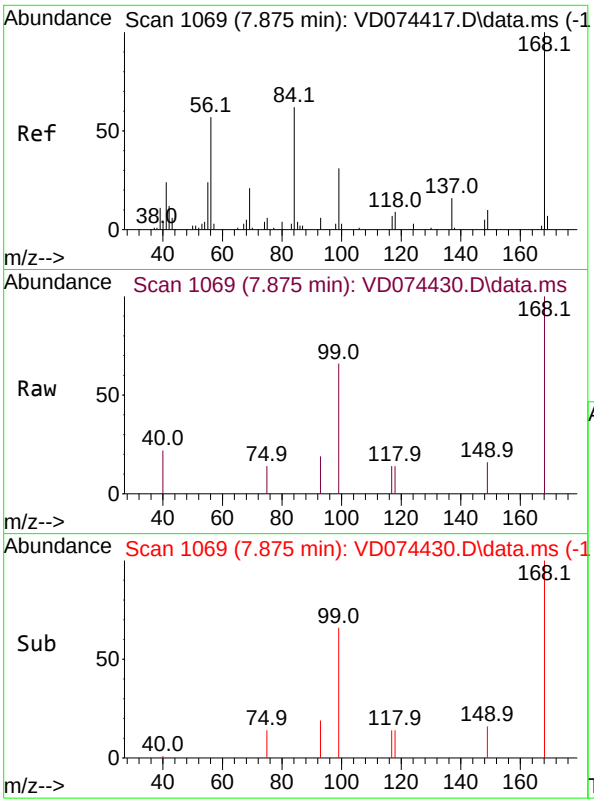


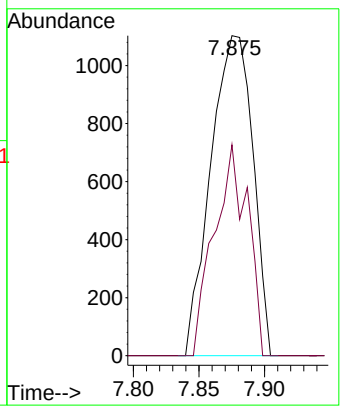


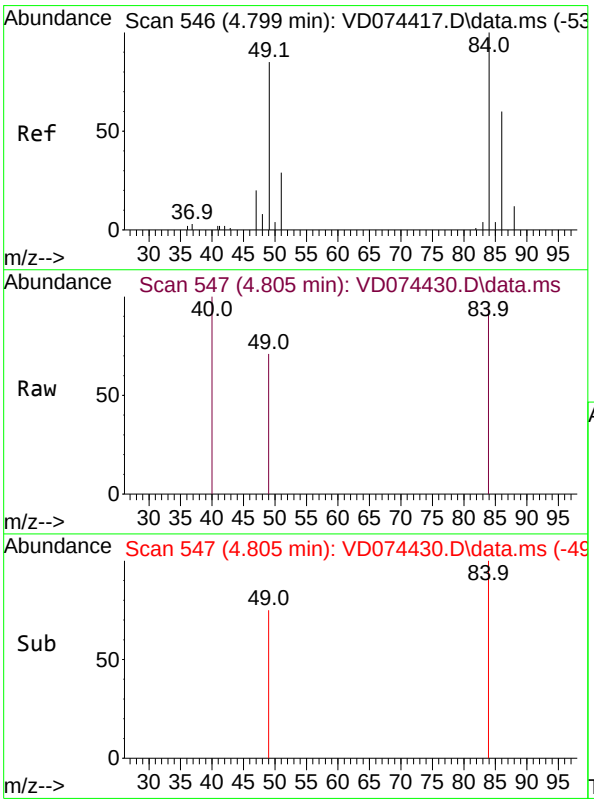
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD074430.D
Acq: 26 Sep 2022 20:27

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 2472

Ion	Ratio	Lower	Upper
168	100		
99	65.9	40.9	61.3#

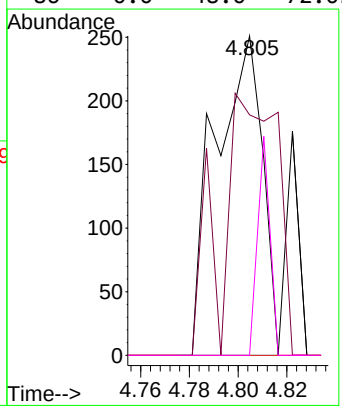


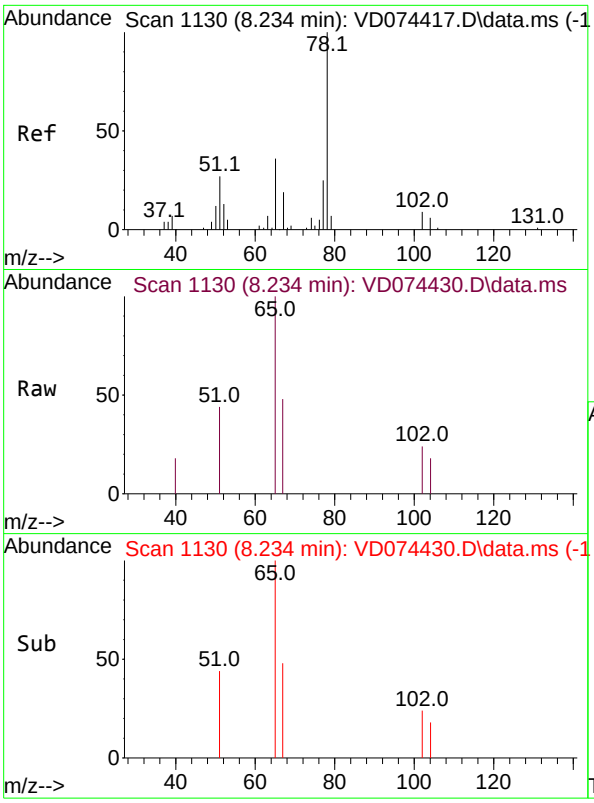


#20
Methylene Chloride
Concen: 4.347 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD074430.D
Acq: 26 Sep 2022 20:27

Tgt Ion: 84 Resp: 336

Ion	Ratio	Lower	Upper
84	100		
49	75.3	68.0	102.0
51	0.0	23.2	34.8#
86	0.0	48.0	72.0#



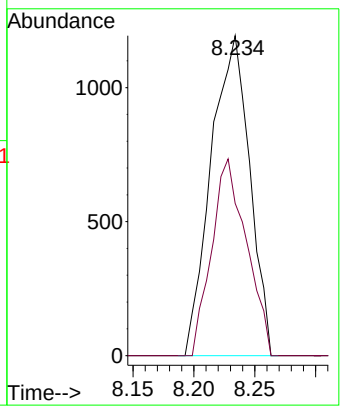


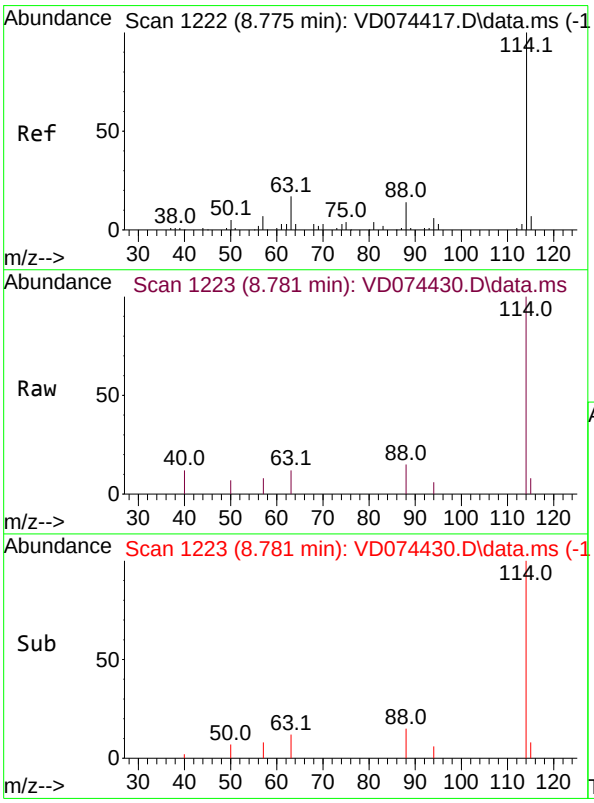
#33
1,2-Dichloroethane-d4
Concen: 123.764 ug/l
RT: 8.234 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD074430.D
Acq: 26 Sep 2022 20:27

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 2634

Ion	Ratio	Lower	Upper
65	100		
67	55.6	0.0	110.2

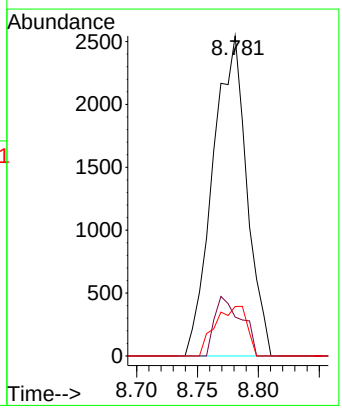


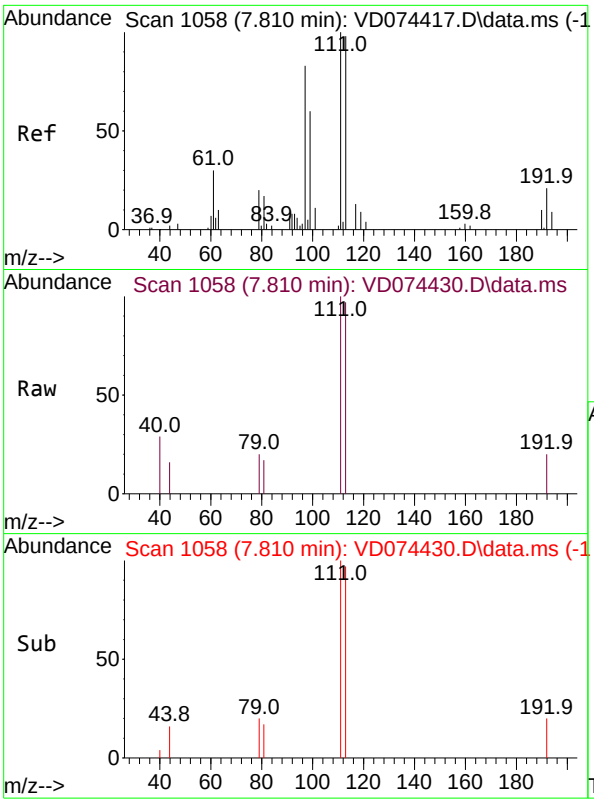


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD074430.D
Acq: 26 Sep 2022 20:27

Tgt Ion:114 Resp: 4937

Ion	Ratio	Lower	Upper
114	100		
63	12.2	0.0	33.2
88	15.4	0.0	28.2



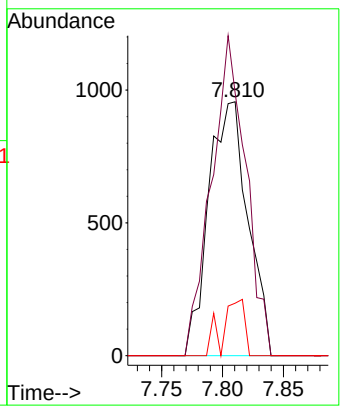


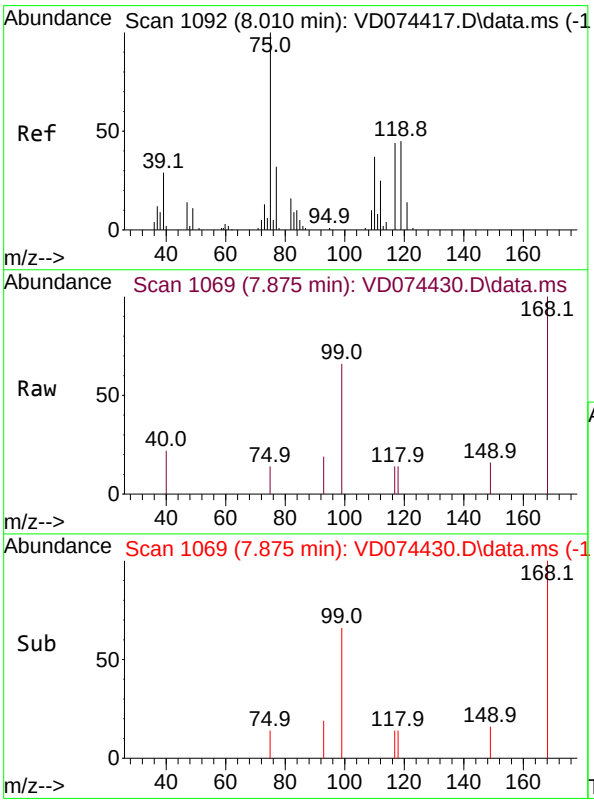
#35
Dibromofluoromethane
Concen: 65.925 ug/l
RT: 7.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD074430.D
Acq: 26 Sep 2022 20:27

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 2155

Ion	Ratio	Lower	Upper
113	100		
111	110.3	82.3	123.5
192	12.4	16.4	24.6#

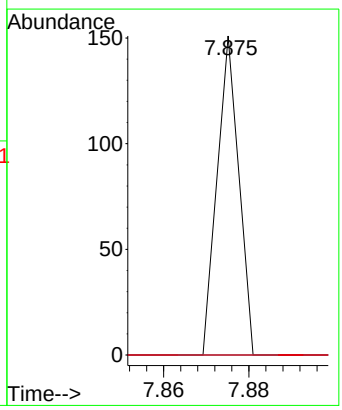


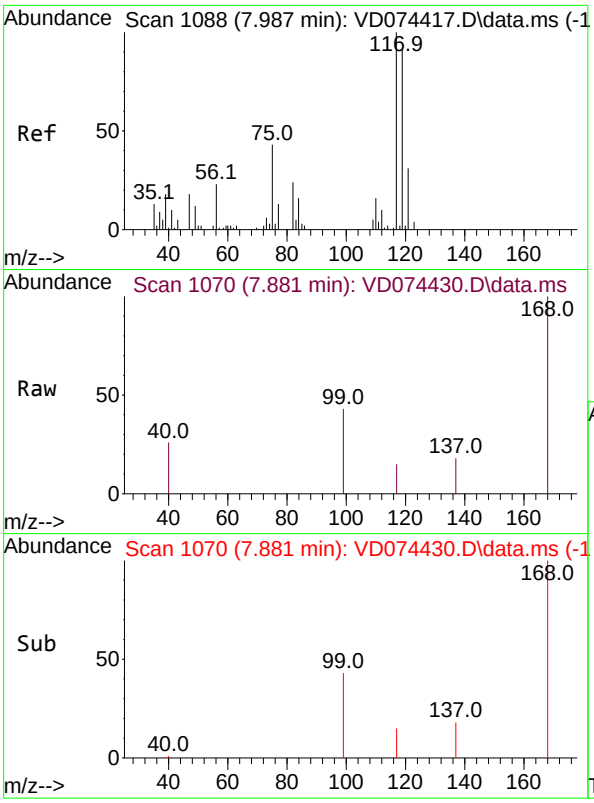


#36
1,1-Dichloropropene
Concen: 1.182 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD074430.D
Acq: 26 Sep 2022 20:27

Tgt Ion: 75 Resp: 53

Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.7	59.0#
77	0.0	25.4	38.2#



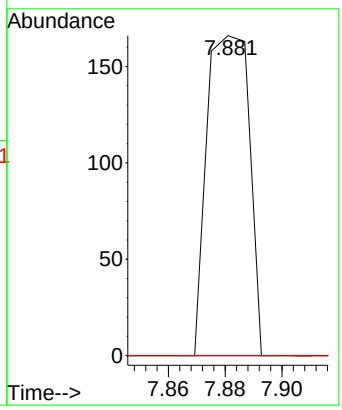


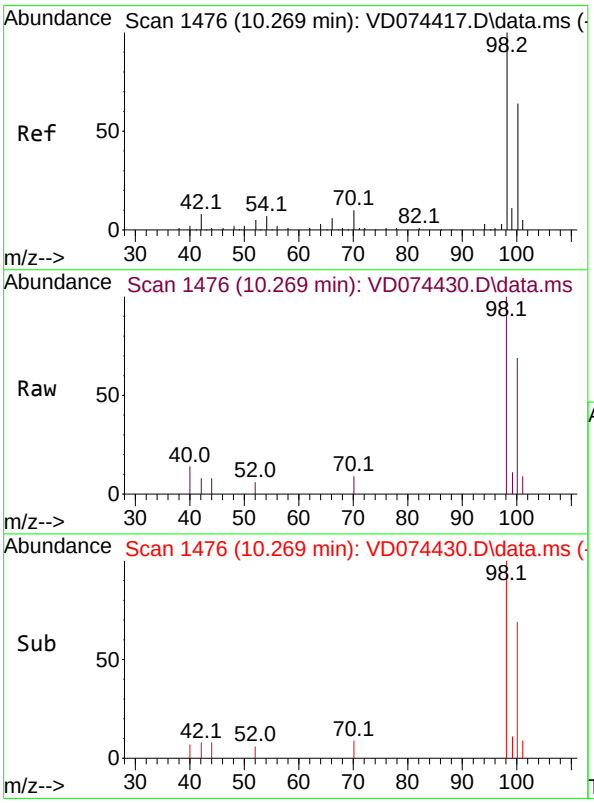
#38
Carbon Tetrachloride
Concen: 4.009 ug/l
RT: 7.881 min Scan# 1
Delta R.T. -0.106 min
Lab File: VD074430.D
Acq: 26 Sep 2022 20:27

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 172

Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.1	109.7#
121	0.0	25.0	37.6#

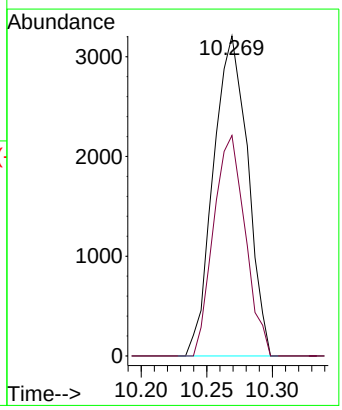


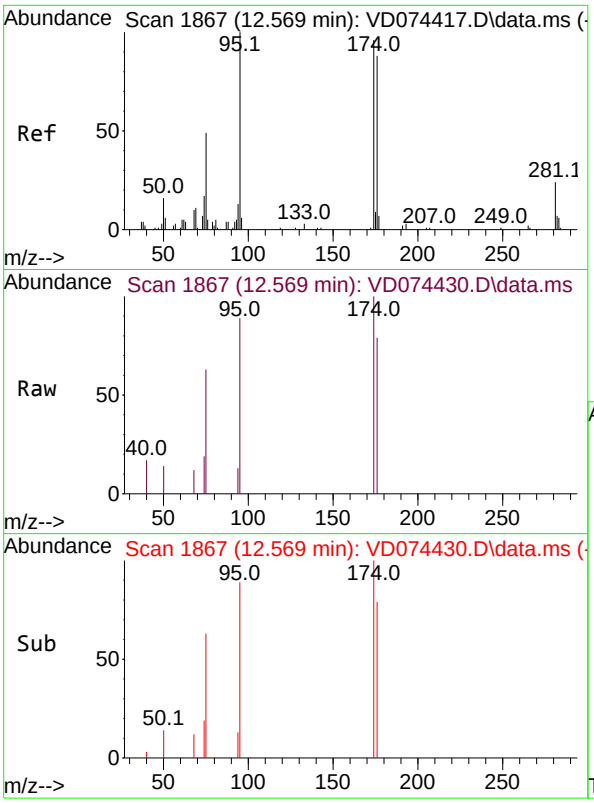


#50
Toluene-d8
Concen: 52.060 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074430.D
Acq: 26 Sep 2022 20:27

Tgt Ion: 98 Resp: 5845

Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.4	77.0



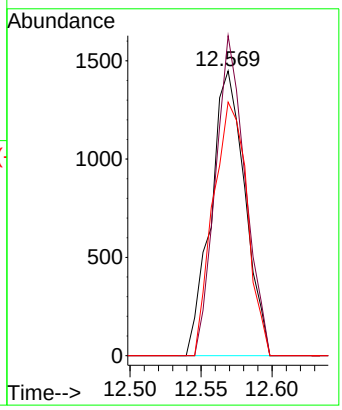


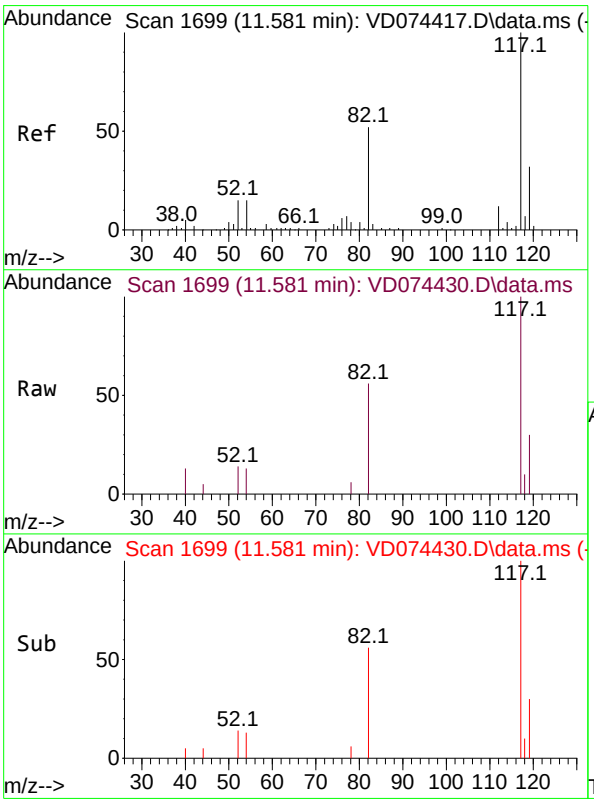
#62
4-Bromofluorobenzene
Concen: 63.262 ug/l
RT: 12.569 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074430.D
Acq: 26 Sep 2022 20:27

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 2418

Ion	Ratio	Lower	Upper
95	100		
174	98.1	0.0	197.0
176	88.6	0.0	182.6

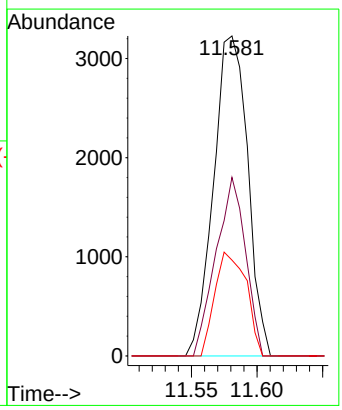


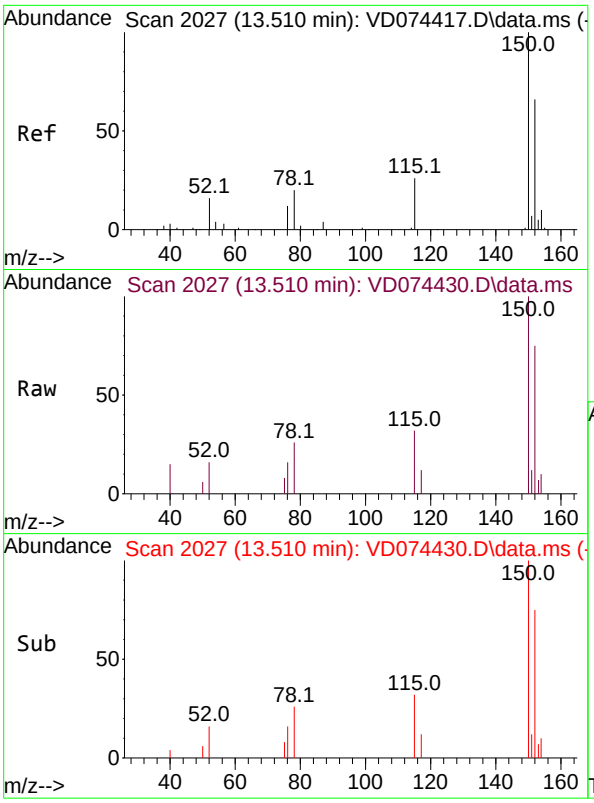


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD074430.D
Acq: 26 Sep 2022 20:27

Tgt Ion:117 Resp: 5838

Ion	Ratio	Lower	Upper
117	100		
82	55.8	41.6	62.4
119	29.9	25.2	37.8



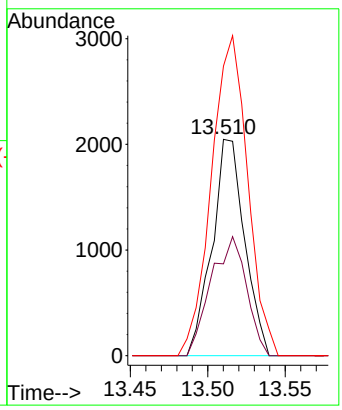


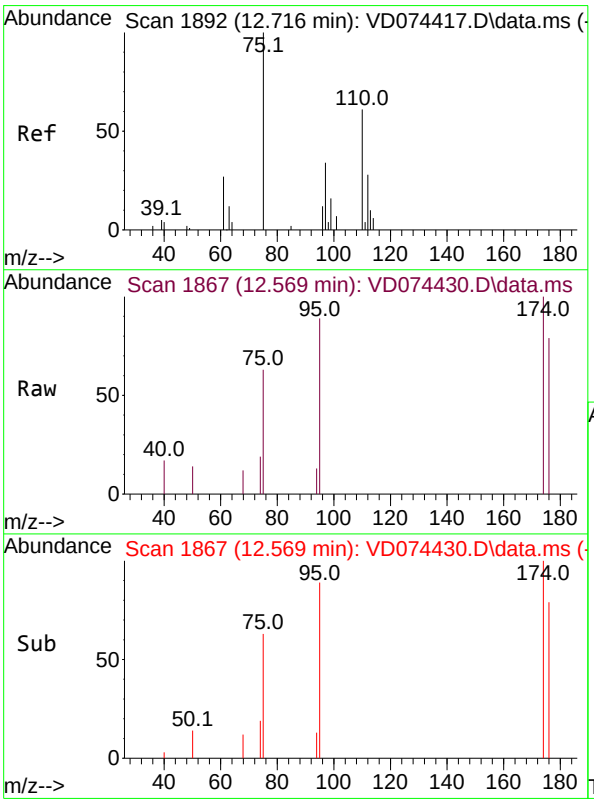
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2
Delta R.T. 0.000 min
Lab File: VD074430.D
Acq: 26 Sep 2022 20:27

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 2988

Ion	Ratio	Lower	Upper
152	100		
115	59.9	26.8	80.4
150	164.7	0.0	348.2

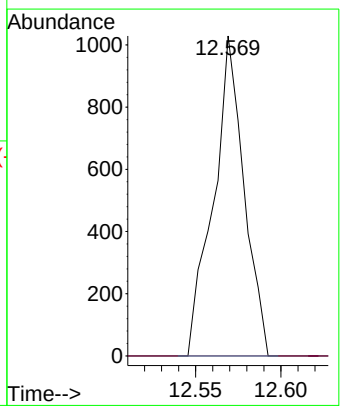


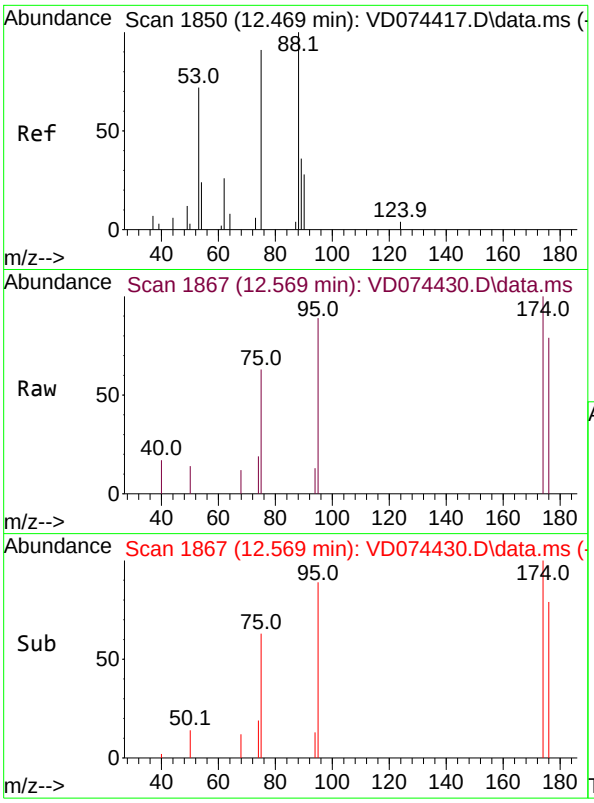


#76
1,2,3-Trichloropropane
Concen: 54.984 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074430.D
Acq: 26 Sep 2022 20:27

Tgt Ion: 75 Resp: 1285

Ion	Ratio	Lower	Upper
75	100		
77	0.0	185.8	557.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 134.173 ug/l
RT: 12.569 min Scan# 1
Delta R.T. 0.100 min
Lab File: VD074430.D
Acq: 26 Sep 2022 20:27

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 1285

Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#