Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100722\
Data File : VD074488.D
Acq On : 07 Oct 2022 14:00
Operator : VA/SY
Sample : N5014-03RE
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 08 02:24:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 01:54:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	2517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	5369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	5035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	2404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	2200	98.378	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 196.760%#			
35) Dibromofluoromethane	7.792	113	1927	54.429	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.860%			
50) Toluene-d8	10.269	98	6444	49.837	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.680%			
62) 4-Bromofluorobenzene	12.574	95	1875	46.485	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.960%			
Target Compounds						Qvalue
3) Chloromethane	2.134	50	187	6.102	ug/l #	37
20) Methylene Chloride	4.798	84	81	Below Cal	#	56
38) Carbon Tetrachloride	7.869	117	126	2.861	ug/l #	14
76) 1,2,3-Trichloropropane	12.574	75	1017	55.110	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.574	75	1017	122.957	ug/l #	17

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

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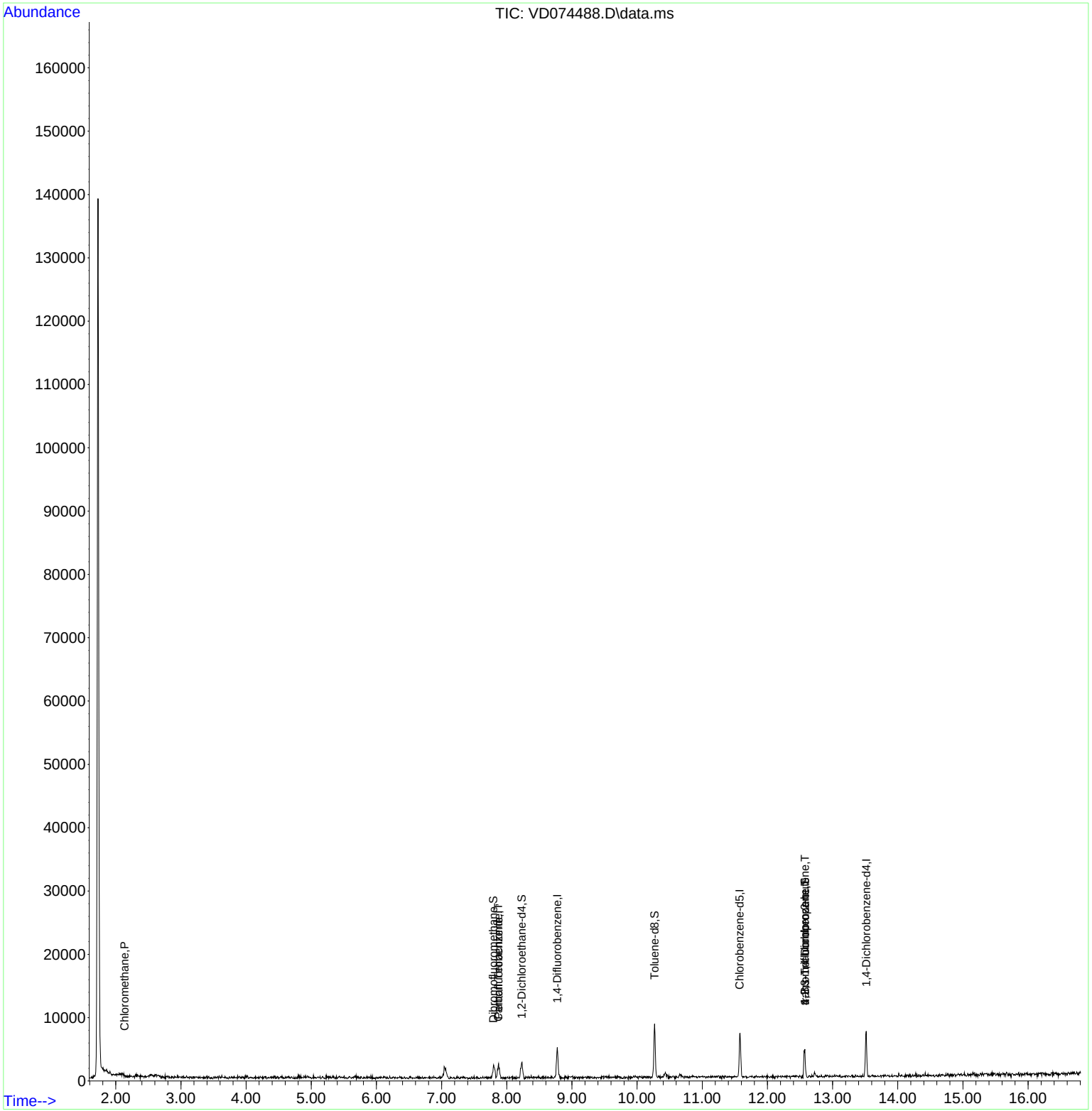
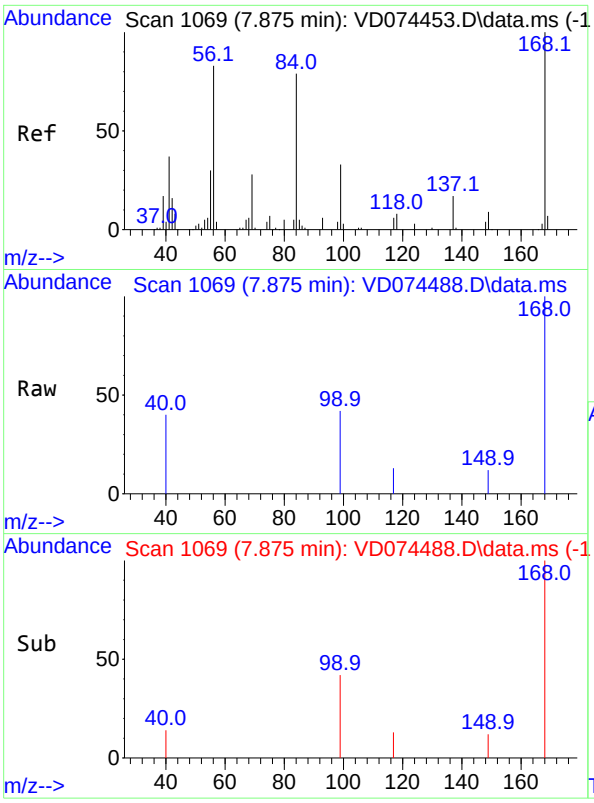


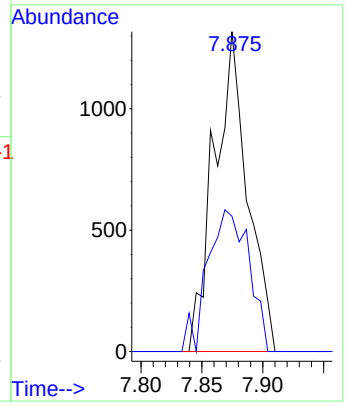


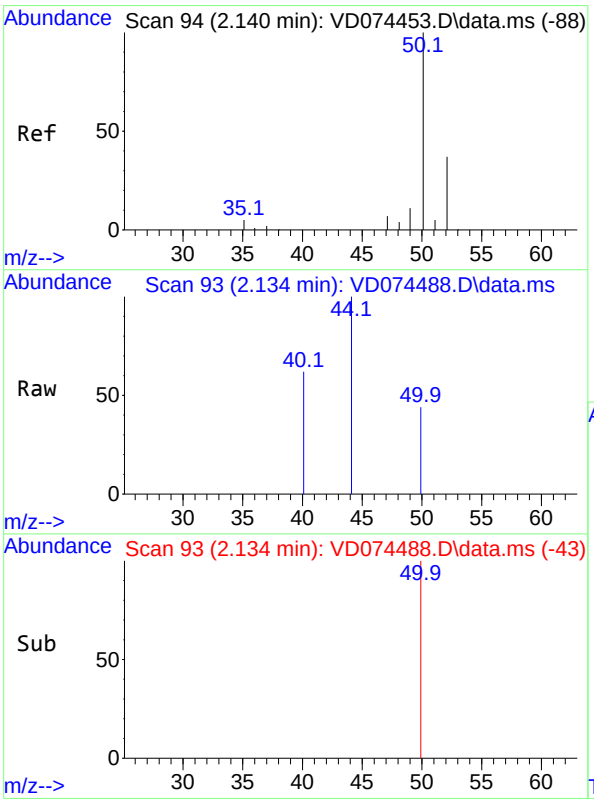
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074488.D
Acq: 07 Oct 2022 14:00

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 2517

Ion	Ratio	Lower	Upper
168	100		
99	42.3	40.9	61.3

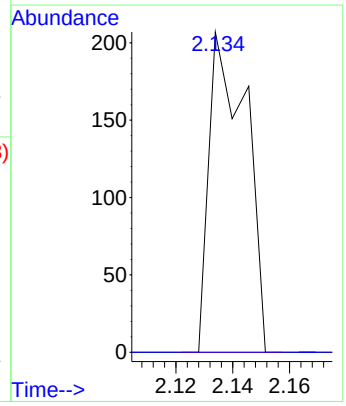


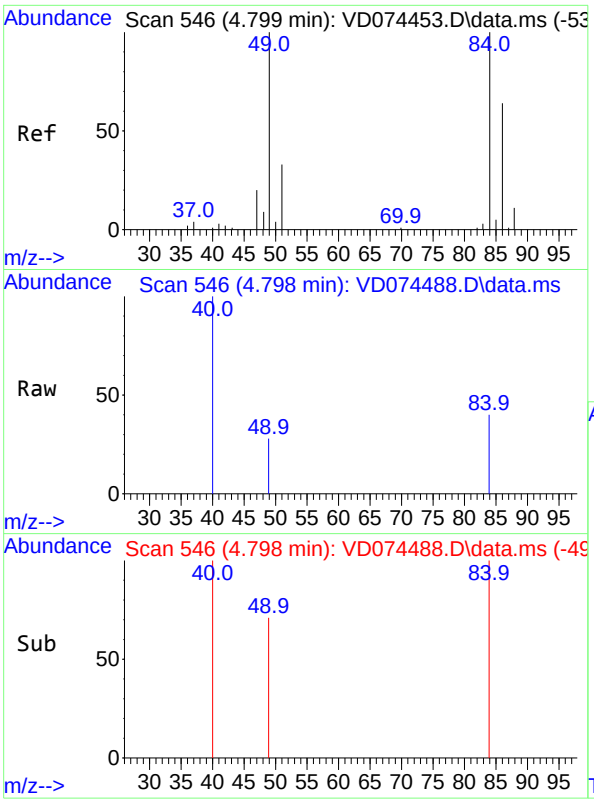


#3
Chloromethane
Concen: 6.102 ug/l
RT: 2.134 min Scan# 93
Delta R.T. -0.006 min
Lab File: VD074488.D
Acq: 07 Oct 2022 14:00

Tgt Ion: 50 Resp: 187

Ion	Ratio	Lower	Upper
50	100		
52	0.0	30.0	45.0#



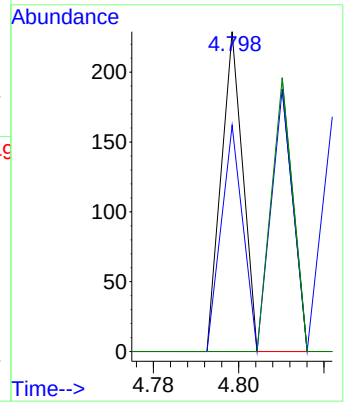


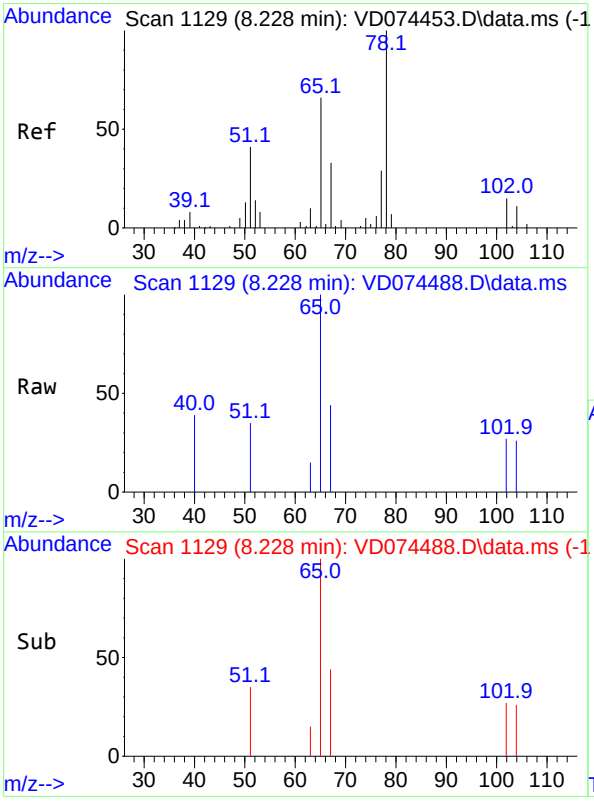
#20
Methylene Chloride
Concen: Below Cal
RT: 4.798 min Scan# 54
Delta R.T. -0.001 min
Lab File: VD074488.D
Acq: 07 Oct 2022 14:00

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 81

Ion	Ratio	Lower	Upper
84	100		
49	70.7	68.0	102.0
51	0.0	23.2	34.8#
86	0.0	48.0	72.0#

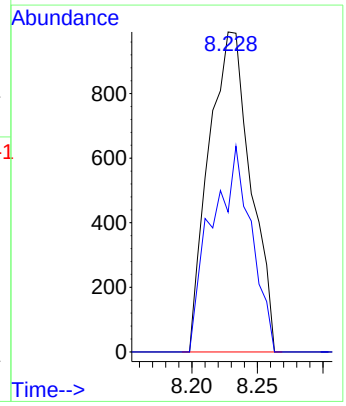


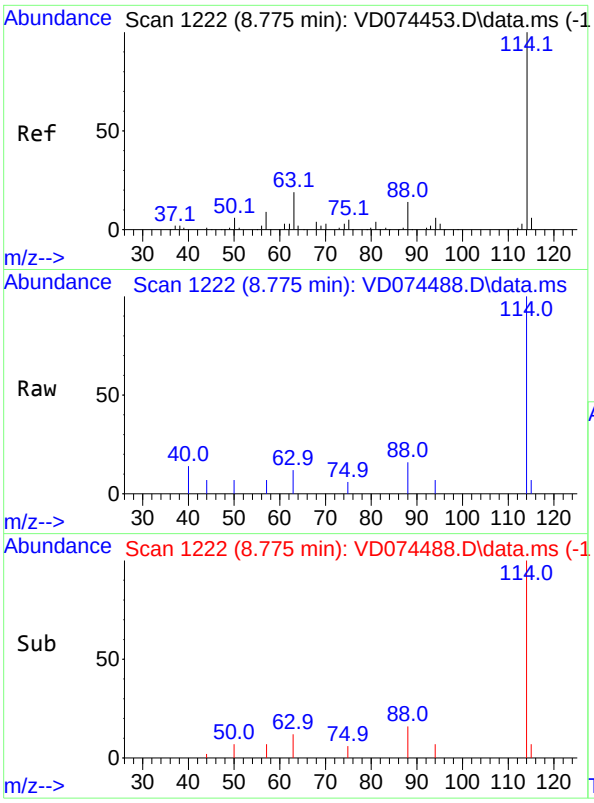


#33
1,2-Dichloroethane-d4
Concen: 98.378 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074488.D
Acq: 07 Oct 2022 14:00

Tgt Ion: 65 Resp: 2200

Ion	Ratio	Lower	Upper
65	100		
67	60.9	0.0	110.2



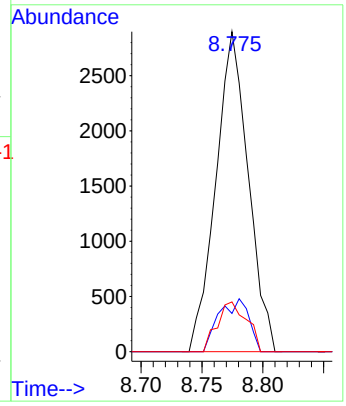


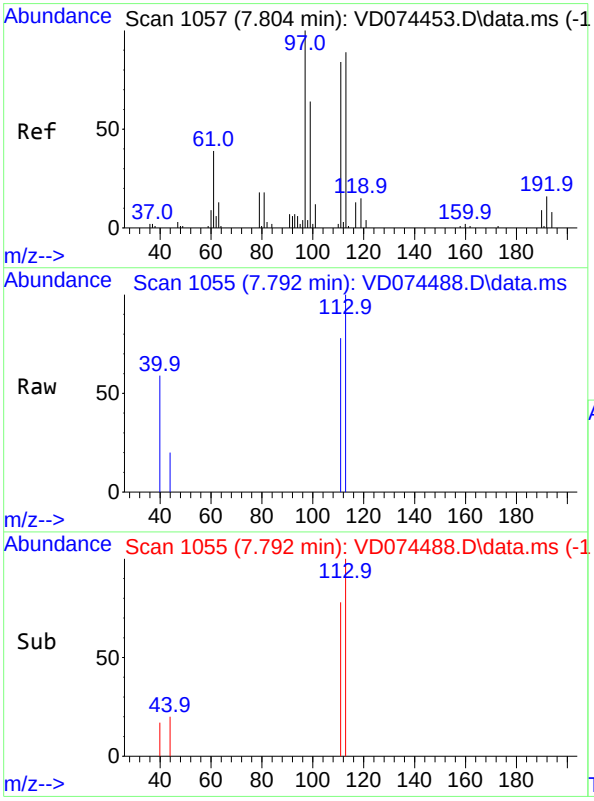
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074488.D
Acq: 07 Oct 2022 14:00

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 5369

Ion	Ratio	Lower	Upper
114	100		
63	11.9	0.0	33.2
88	15.6	0.0	28.2

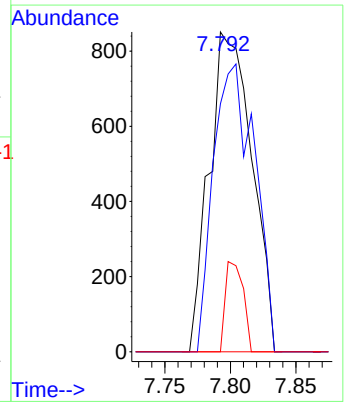


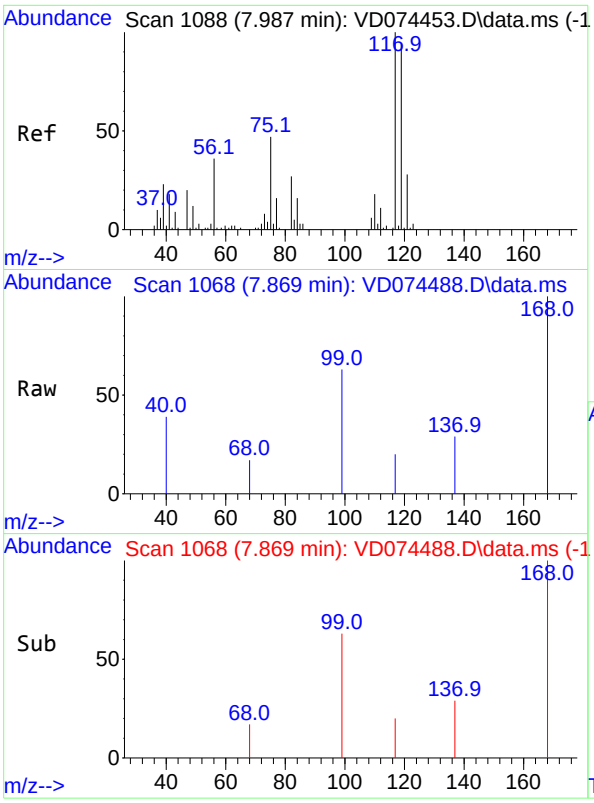


#35
Dibromofluoromethane
Concen: 54.429 ug/l
RT: 7.792 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VD074488.D
Acq: 07 Oct 2022 14:00

Tgt Ion:113 Resp: 1927

Ion	Ratio	Lower	Upper
113	100		
111	86.9	82.3	123.5
192	11.7	16.4	24.6#



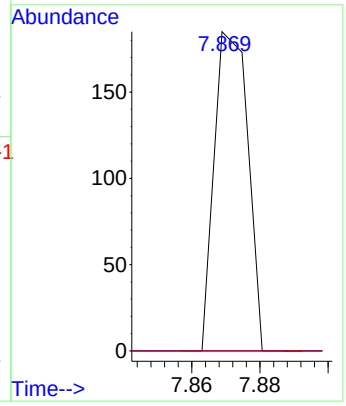


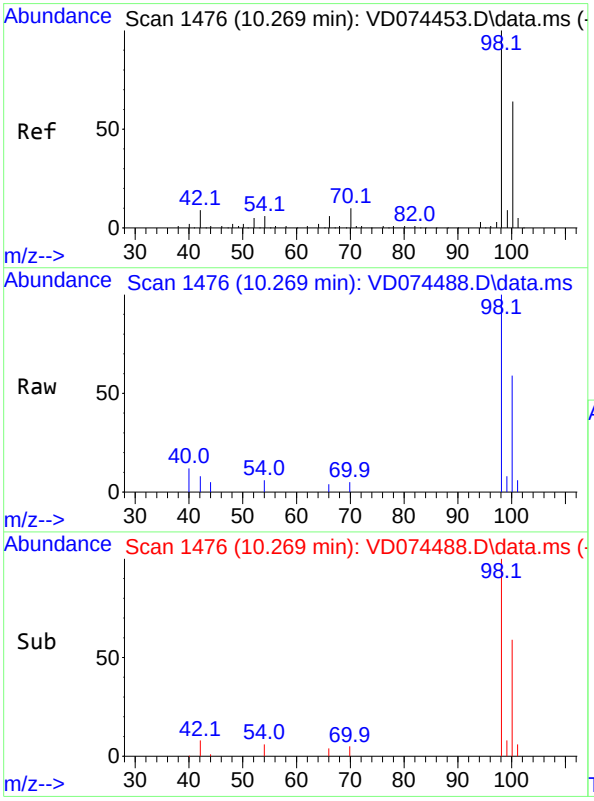
#38
Carbon Tetrachloride
Concen: 2.861 ug/l
RT: 7.869 min Scan# 1
Delta R.T. -0.118 min
Lab File: VD074488.D
Acq: 07 Oct 2022 14:00

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 126

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

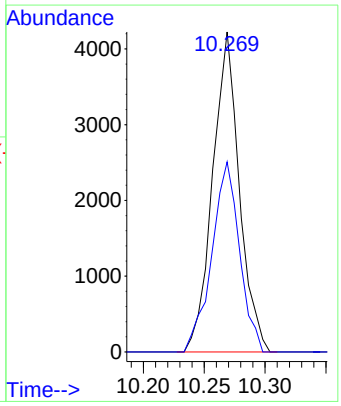


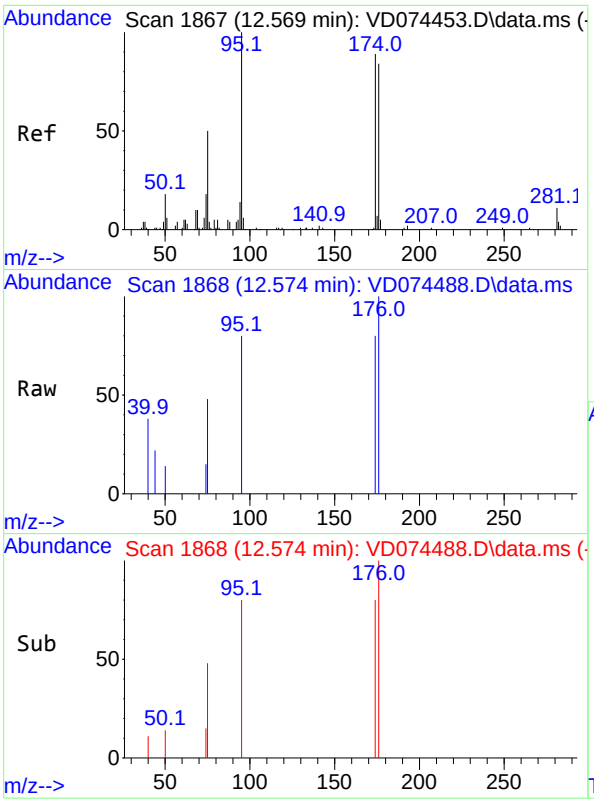


#50
Toluene-d8
Concen: 49.837 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074488.D
Acq: 07 Oct 2022 14:00

Tgt Ion: 98 Resp: 6444

Ion	Ratio	Lower	Upper
98	100		
100	61.7	51.4	77.0



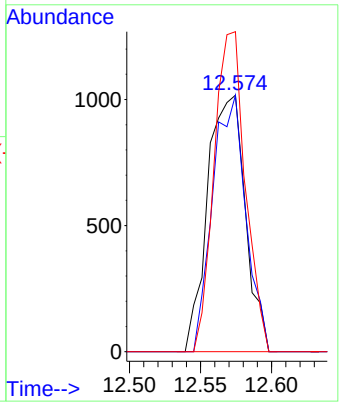


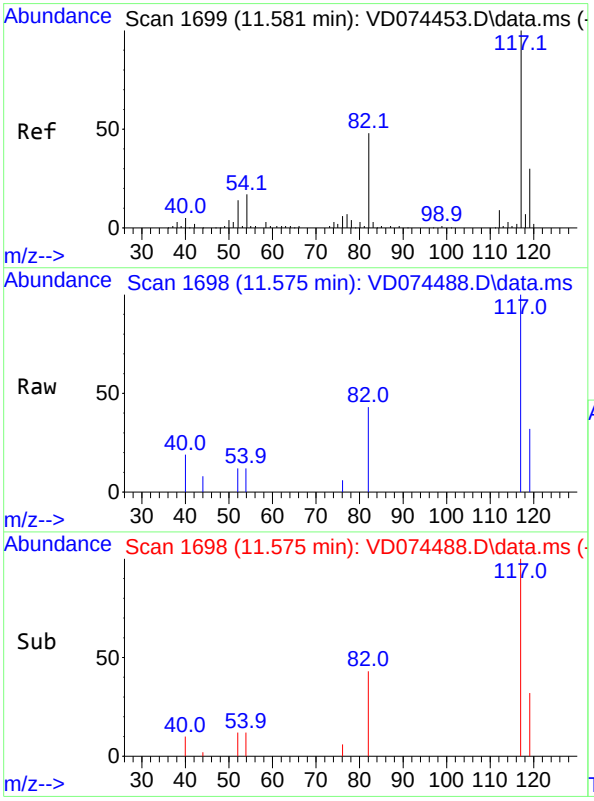
#62
4-Bromofluorobenzene
Concen: 46.485 ug/l
RT: 12.574 min Scan# 1
Delta R.T. 0.005 min
Lab File: VD074488.D
Acq: 07 Oct 2022 14:00

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 1875

Ion	Ratio	Lower	Upper
95	100		
174	88.2	0.0	197.0
176	103.7	0.0	182.6

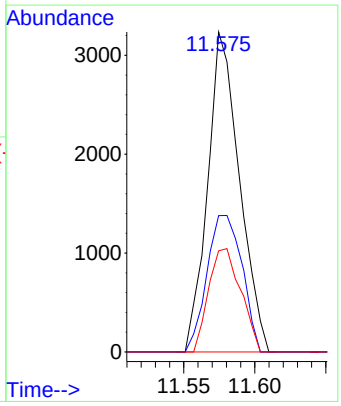


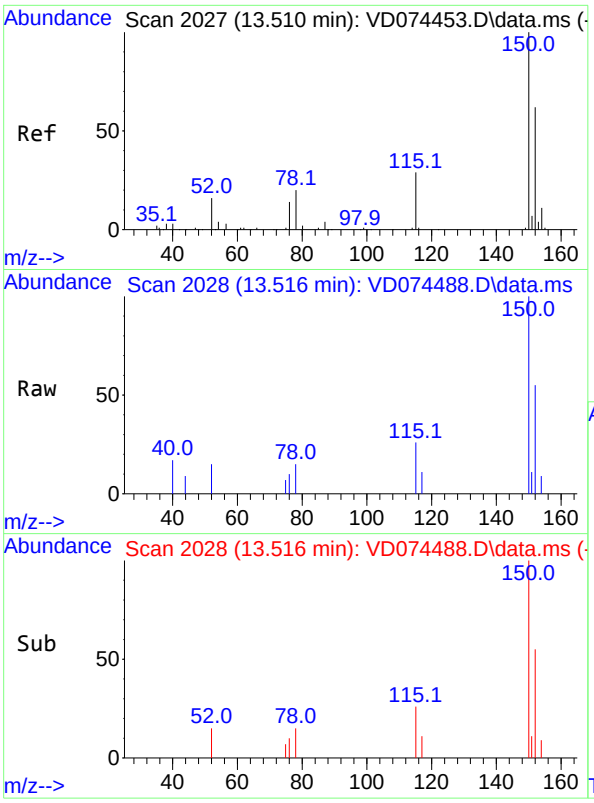


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VD074488.D
Acq: 07 Oct 2022 14:00

Tgt Ion:117 Resp: 5035

Ion	Ratio	Lower	Upper
117	100		
82	42.6	41.6	62.4
119	31.6	25.2	37.8



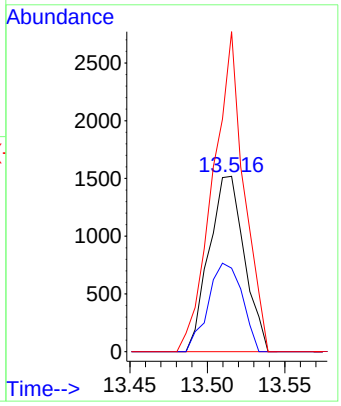


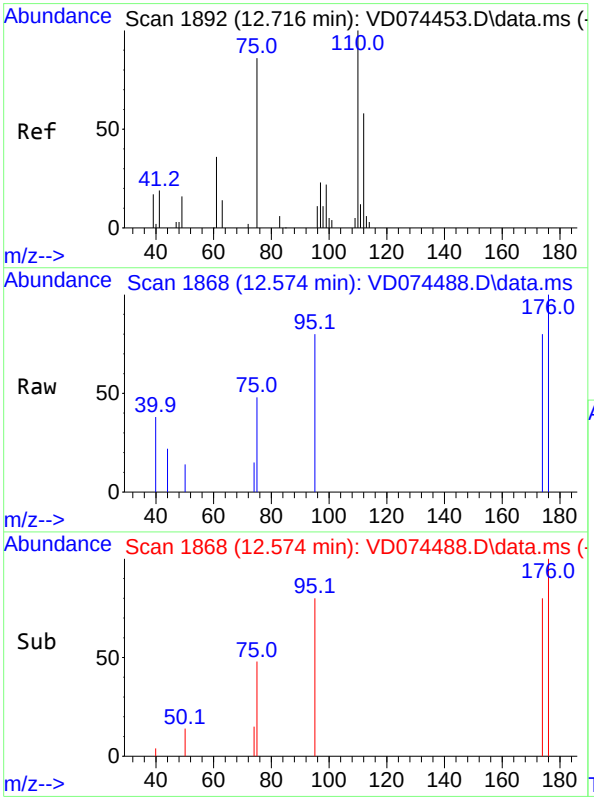
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2
Delta R.T. 0.006 min
Lab File: VD074488.D
Acq: 07 Oct 2022 14:00

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 2404

Ion	Ratio	Lower	Upper
152	100		
115	48.6	26.8	80.4
150	161.2	0.0	348.2

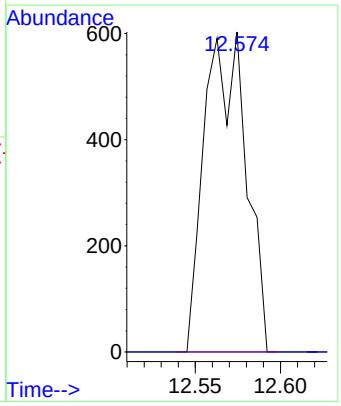


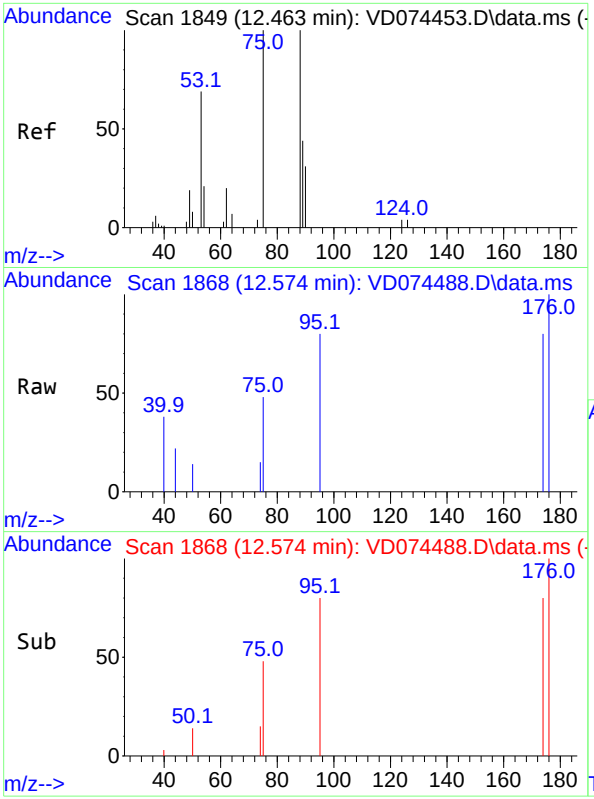


#76
1,2,3-Trichloropropane
Concen: 55.110 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.142 min
Lab File: VD074488.D
Acq: 07 Oct 2022 14:00

Tgt Ion: 75 Resp: 1017

Ion	Ratio	Lower	Upper
75	100		
77	0.0	185.8	557.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 122.957 ug/l
RT: 12.574 min Scan# 1
Delta R.T. 0.111 min
Lab File: VD074488.D
Acq: 07 Oct 2022 14:00

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 1017

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