Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053123\
Data File : VD076295.D
Acq On : 31 May 2023 20:24
Operator : KP/SY
Sample : 02983-05
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB24A

Quant Time: Jun 01 01:44:33 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	7.869	168	5581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	10443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	9429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	4068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	5997	111.181	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 222.360%#			
35) Dibromofluoromethane	7.799	113	6354	88.025	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 176.060%#			
50) Toluene-d8	10.269	98	11175	39.713	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 79.420%			
62) 4-Bromofluorobenzene	12.575	95	3789	48.473	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.940%			
Target Compounds						Qvalue
3) Chloromethane	2.140	50	640	3.624	ug/l #	40
5) Bromomethane	2.699	94	715	9.783	ug/l #	67
10) Methyl Iodide	4.164	142	80	1.270	ug/l #	38
16) Acetone	4.034	43	1239	115.451	ug/l #	44
18) Methyl Acetate	4.817	43	60	1.567	ug/l #	54
25) 2-Butanone	7.069	43	62	4.595	ug/l #	50
36) 1,1-Dichloropropene	7.875	75	358	3.672	ug/l #	42
37) Ethyl Acetate	7.069	43	62	1.837	ug/l #	80
51) 4-Methyl-2-Pentanone	10.310	43	63	1.878	ug/l #	38
76) 1,2,3-Trichloropropane	12.581	75	1885	52.952	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.581	75	1885	111.084	ug/l #	5

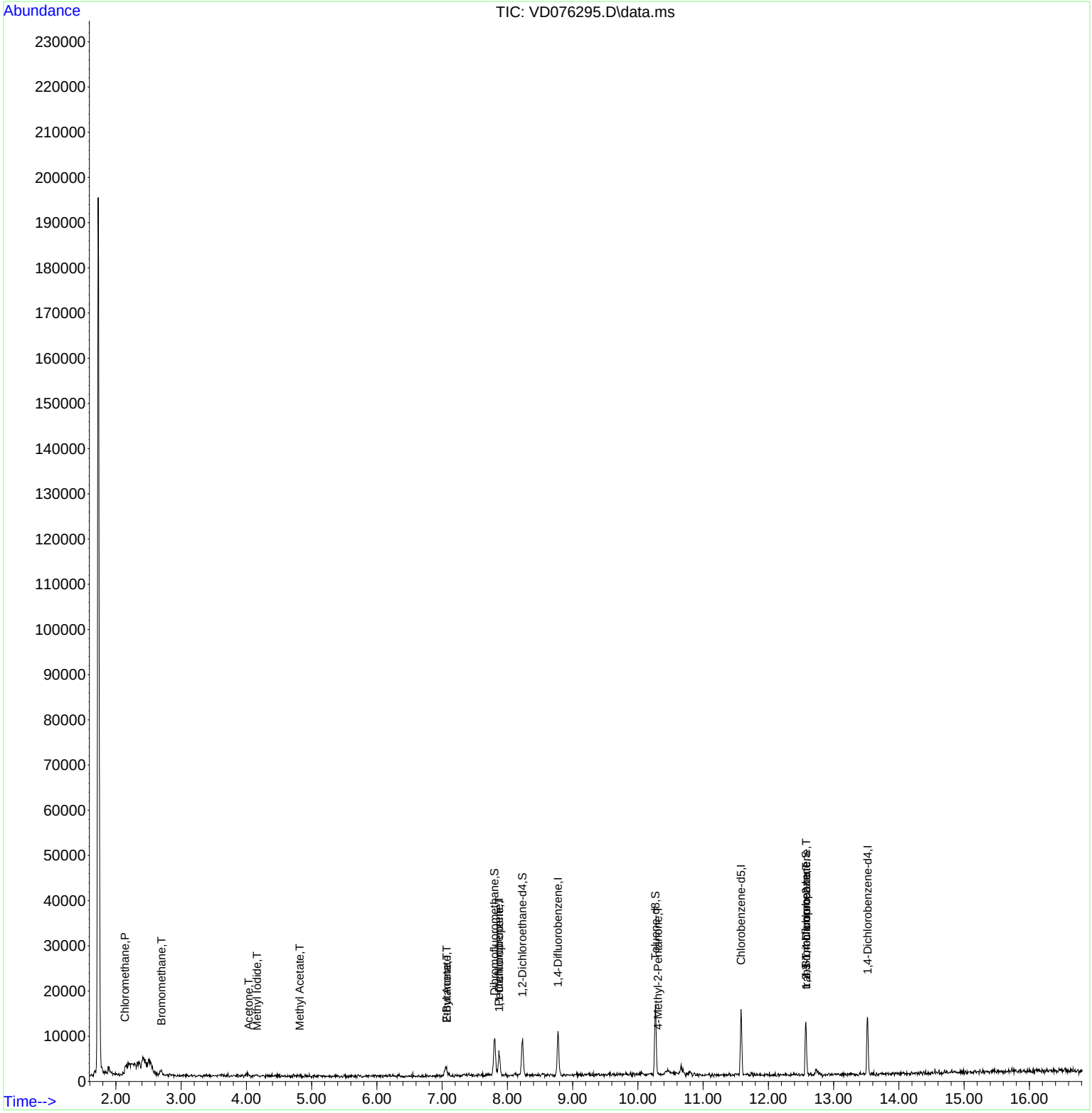
(#) = qualifier out of range (m) = manual integration (+) = signals summed

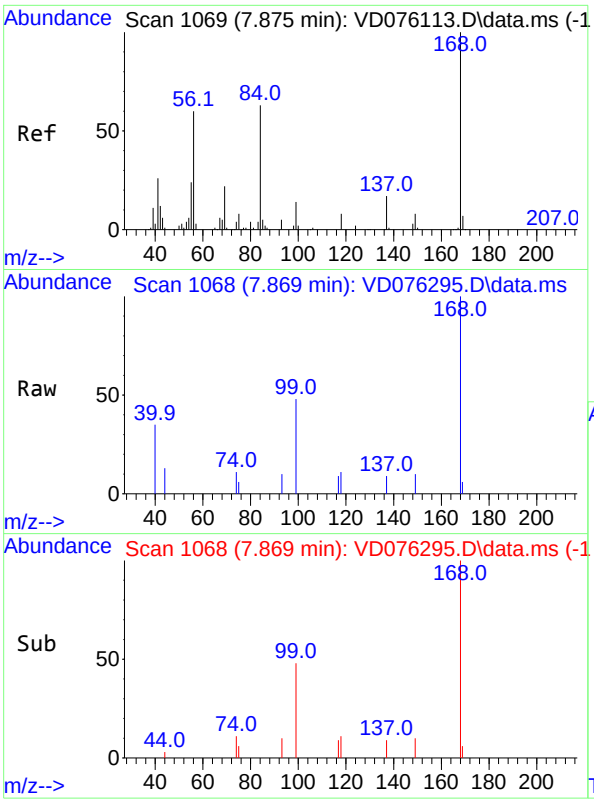
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053123\
Data File : VD076295.D
Acq On : 31 May 2023 20:24
Operator : KP/SY
Sample : 02983-05
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB24A

Quant Time: Jun 01 01:44:33 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



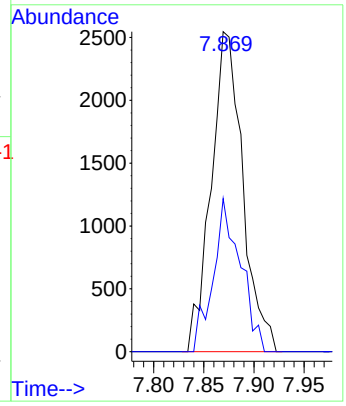


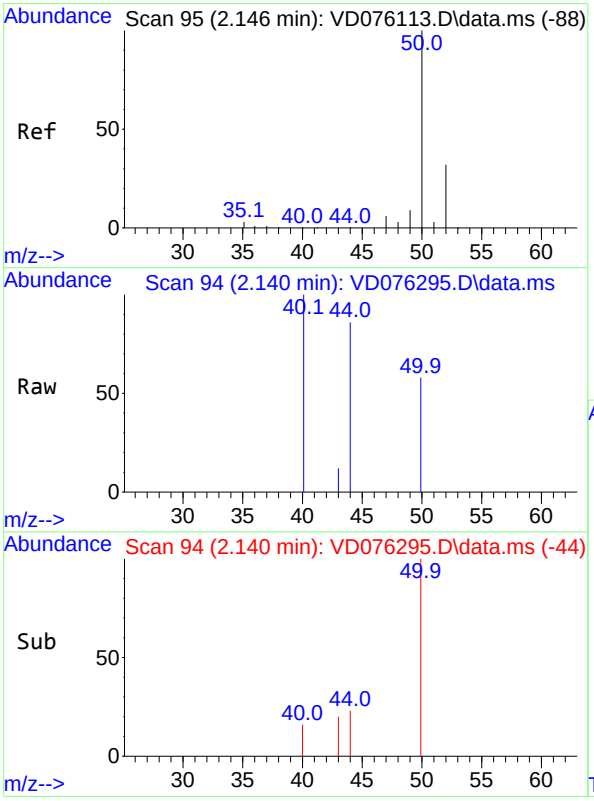
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD076295.D
Acq: 31 May 2023 20:24

Instrument :
MSVOA_D
ClientSampleId :
SB24A

Tgt Ion:168 Resp: 5581

Ion	Ratio	Lower	Upper
168	100		
99	47.8	43.8	65.6

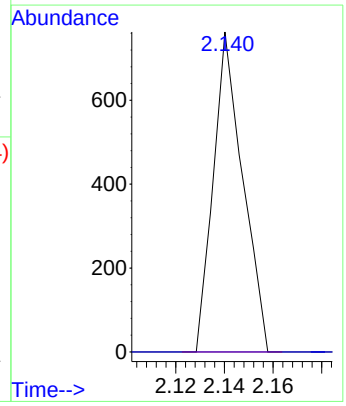


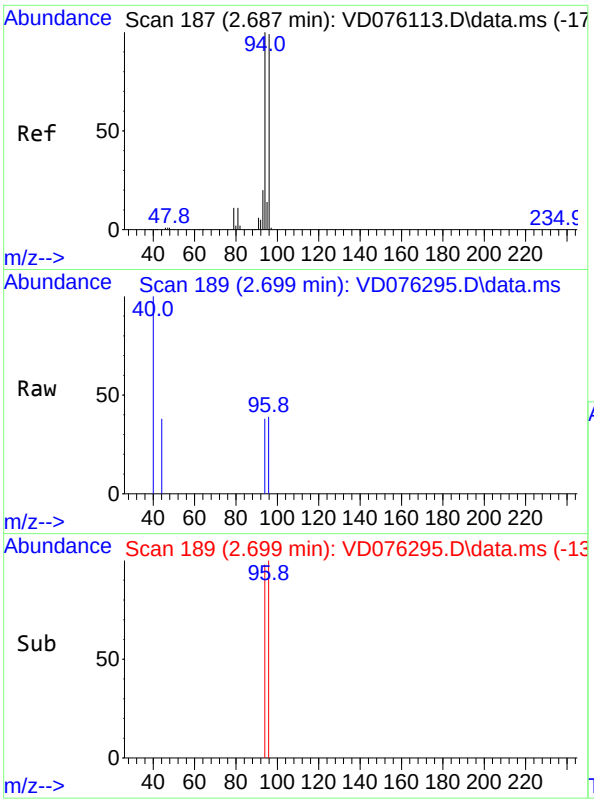


#3
Chloromethane
Concen: 3.624 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD076295.D
Acq: 31 May 2023 20:24

Tgt Ion: 50 Resp: 640

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.8	41.8#



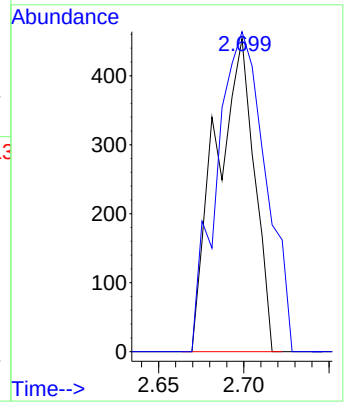


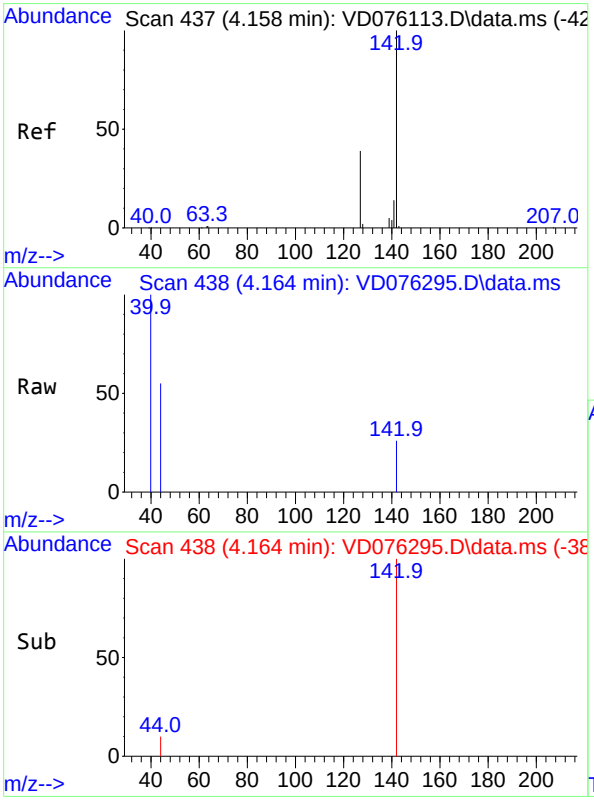
#5
Bromomethane
Concen: 9.783 ug/l
RT: 2.699 min Scan# 1
Delta R.T. 0.012 min
Lab File: VD076295.D
Acq: 31 May 2023 20:24

Instrument :
MSVOA_D
ClientSampleId :
SB24A

Tgt Ion: 94 Resp: 715

Ion	Ratio	Lower	Upper
94	100		
96	129.7	77.5	116.3#

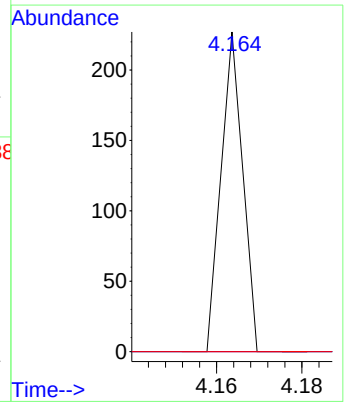


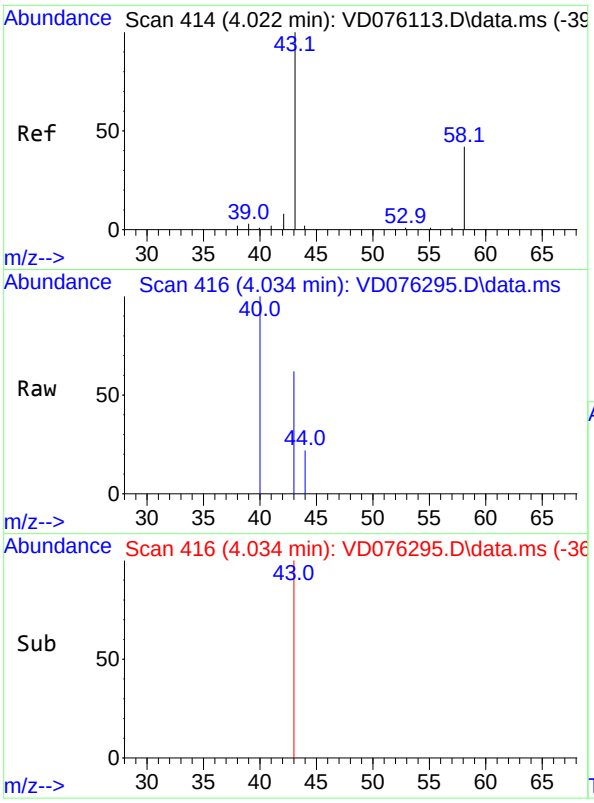


#10
Methyl Iodide
Concen: 1.270 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD076295.D
Acq: 31 May 2023 20:24

Tgt Ion:142 Resp: 80

Ion	Ratio	Lower	Upper
142	100		
127	0.0	37.1	55.7#
141	0.0	11.3	16.9#



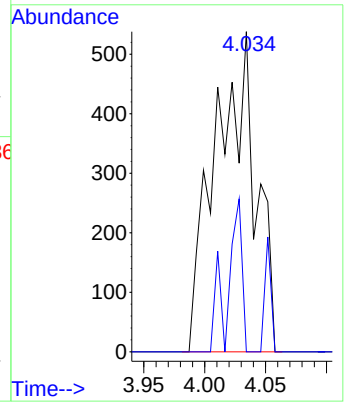


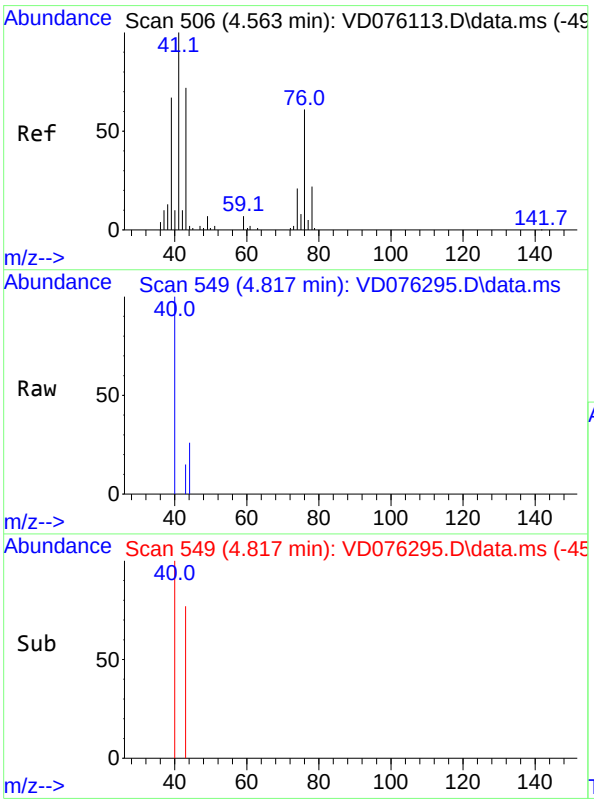
#16
Acetone
Concen: 115.451 ug/l
RT: 4.034 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD076295.D
Acq: 31 May 2023 20:24

Instrument :
MSVOA_D
ClientSampleId :
SB24A

Tgt Ion: 43 Resp: 1239

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.4	36.6#

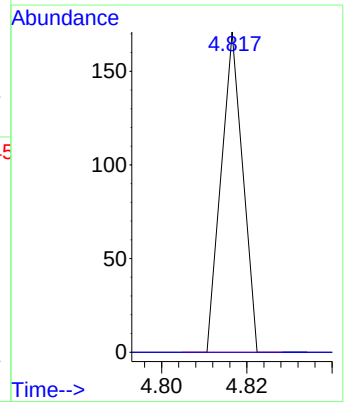


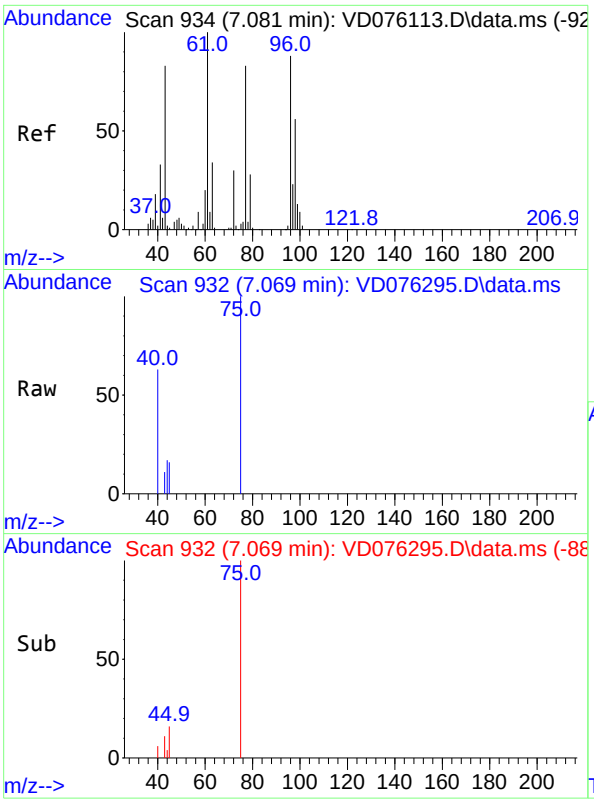


#18
Methyl Acetate
Concen: 1.567 ug/l
RT: 4.817 min Scan# 549
Delta R.T. 0.254 min
Lab File: VD076295.D
Acq: 31 May 2023 20:24

Tgt Ion: 43 Resp: 60

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.8	26.6#



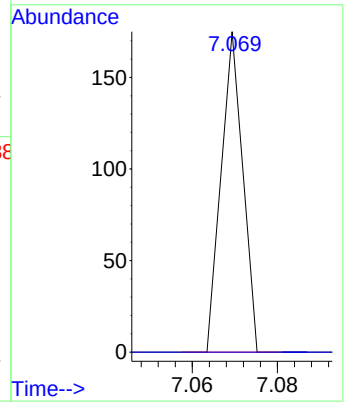


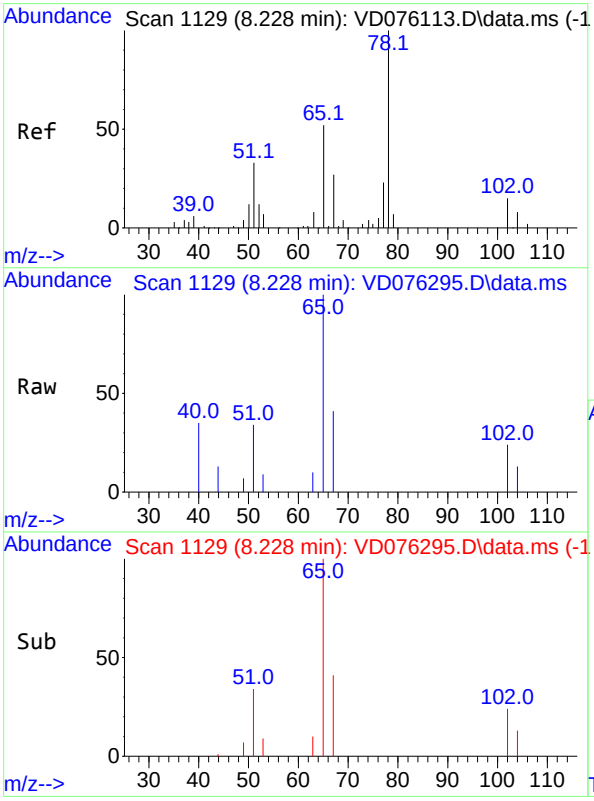
#25
2-Butanone
Concen: 4.595 ug/l
RT: 7.069 min Scan# 9
Delta R.T. -0.012 min
Lab File: VD076295.D
Acq: 31 May 2023 20:24

Instrument :
MSVOA_D
ClientSampleId :
SB24A

Tgt Ion: 43 Resp: 62

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.8#

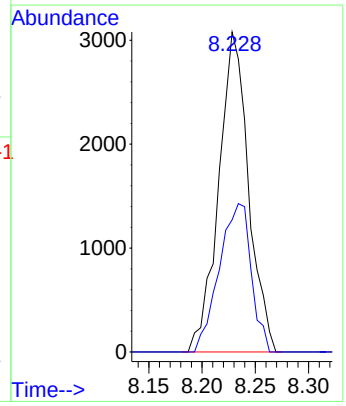


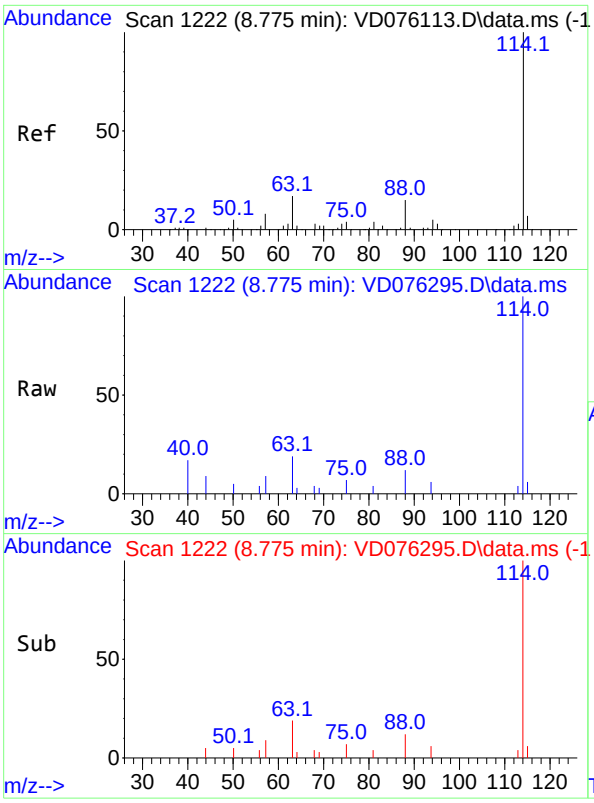


#33
1,2-Dichloroethane-d4
Concen: 111.181 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076295.D
Acq: 31 May 2023 20:24

Tgt Ion: 65 Resp: 5997

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	102.2



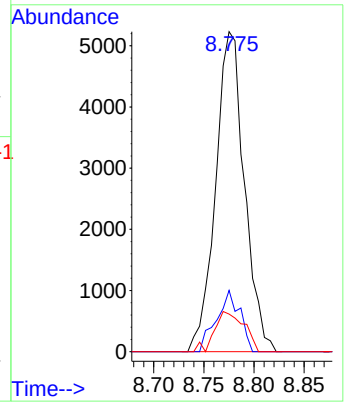


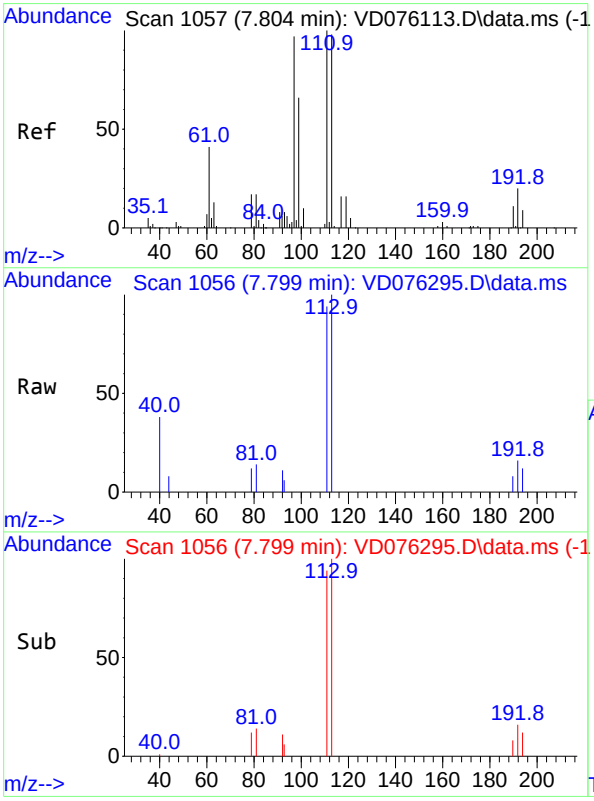
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076295.D
Acq: 31 May 2023 20:24

Instrument :
MSVOA_D
ClientSampleId :
SB24A

Tgt Ion:114 Resp: 10443

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	41.6
88	11.7	0.0	30.6

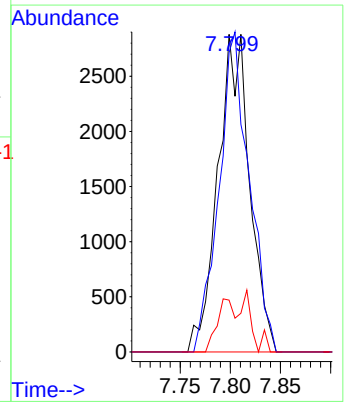


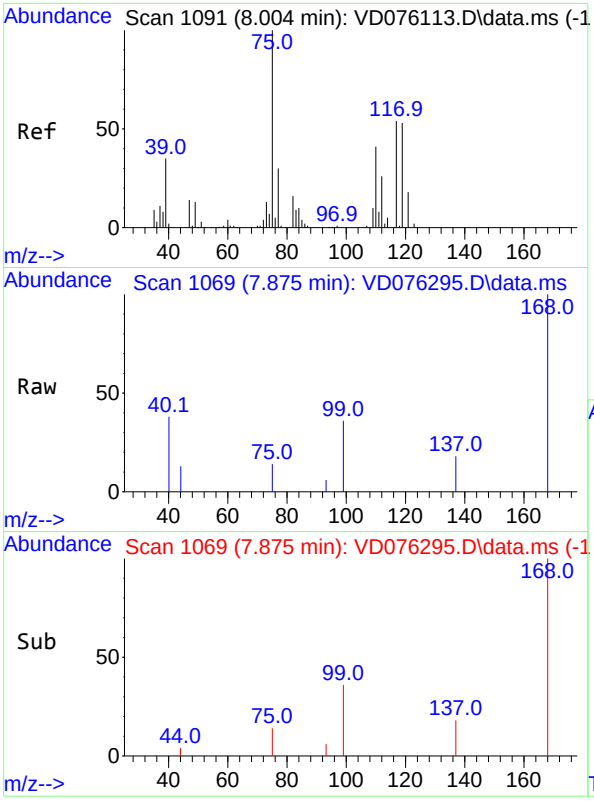


#35
Dibromofluoromethane
Concen: 88.025 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD076295.D
Acq: 31 May 2023 20:24

Tgt Ion:113 Resp: 6354

Ion	Ratio	Lower	Upper
113	100		
111	95.8	81.4	122.0
192	9.2	15.2	22.8#



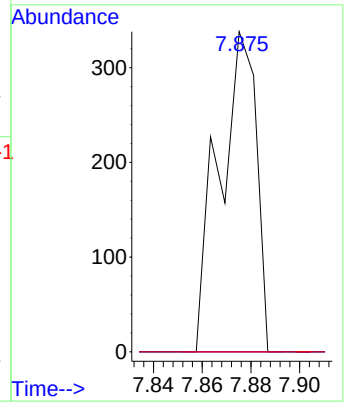


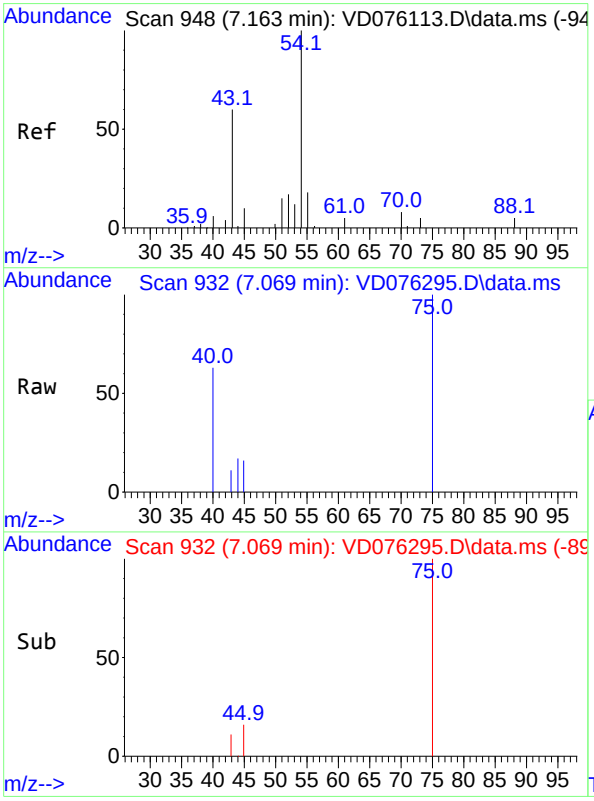
#36
1,1-Dichloropropene
Concen: 3.672 ug/l
RT: 7.875 min Scan# 1
Delta R.T. -0.135 min
Lab File: VD076295.D
Acq: 31 May 2023 20:24

Instrument :
MSVOA_D
ClientSampleId :
SB24A

Tgt Ion: 75 Resp: 358

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.2#
77	0.0	24.6	36.8#

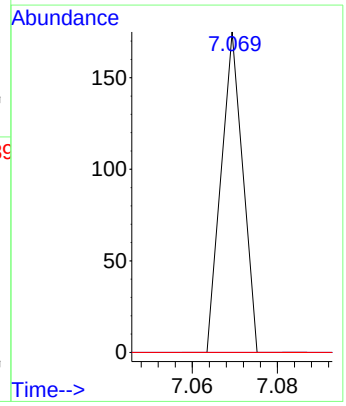


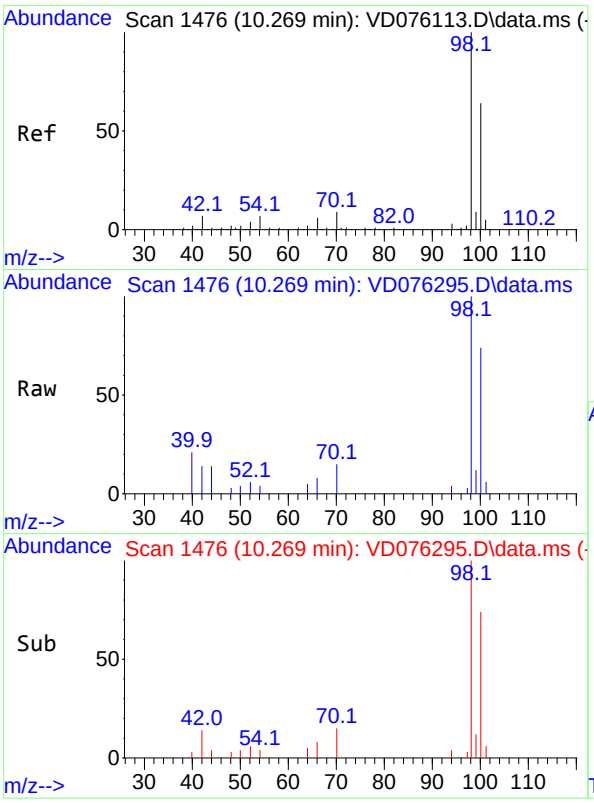


#37
Ethyl Acetate
Concen: 1.837 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.100 min
Lab File: VD076295.D
Acq: 31 May 2023 20:24

Tgt Ion: 43 Resp: 62

Ion	Ratio	Lower	Upper
43	100		
61	0.0	0.0	0.0
70	0.0	5.6	8.4#



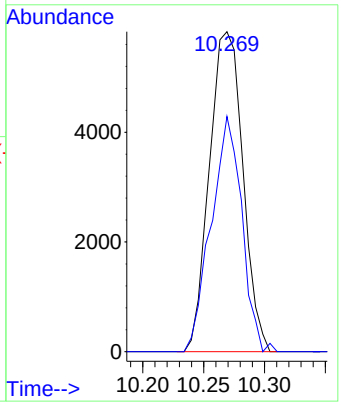


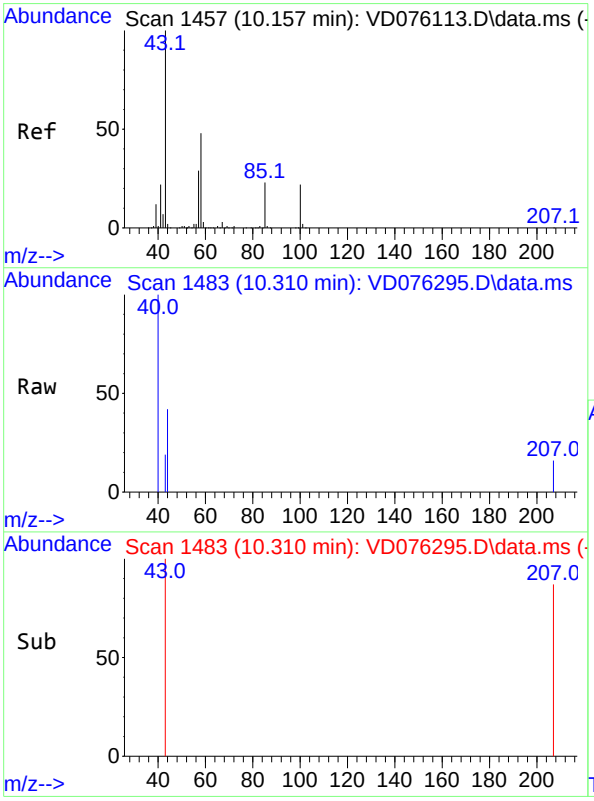
#50
Toluene-d8
Concen: 39.713 ug/l
RT: 10.269 min Scan# 14
Delta R.T. 0.000 min
Lab File: VD076295.D
Acq: 31 May 2023 20:24

Instrument :
MSVOA_D
ClientSampleId :
SB24A

Tgt Ion: 98 Resp: 11175

Ion	Ratio	Lower	Upper
98	100		
100	67.2	52.1	78.1

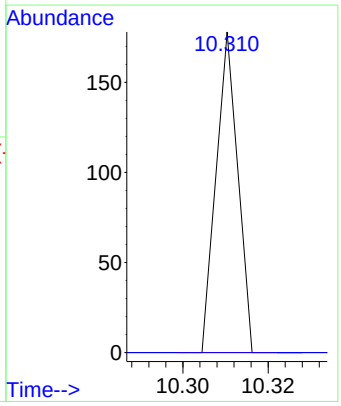


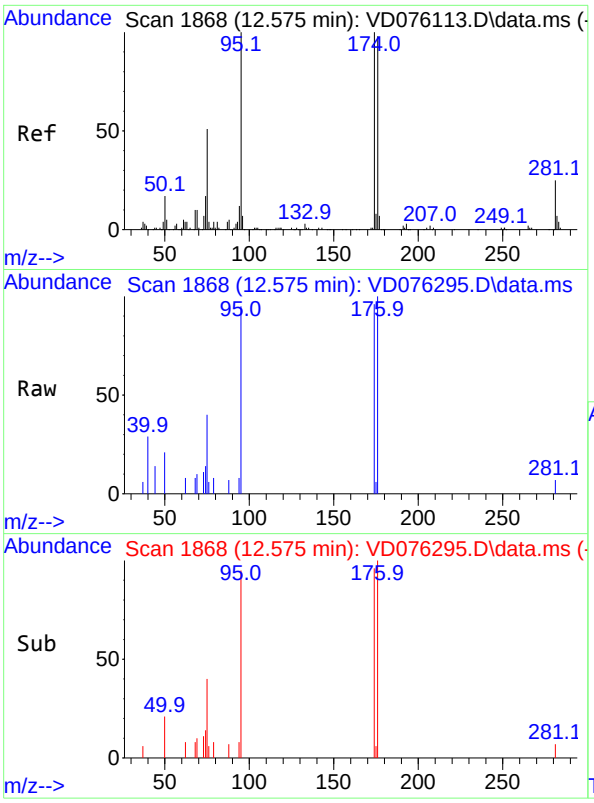


#51
4-Methyl-2-Pentanone
Concen: 1.878 ug/l
RT: 10.310 min Scan# 1483
Delta R.T. 0.153 min
Lab File: VD076295.D
Acq: 31 May 2023 20:24

Tgt Ion: 43 Resp: 63

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.5	44.3#



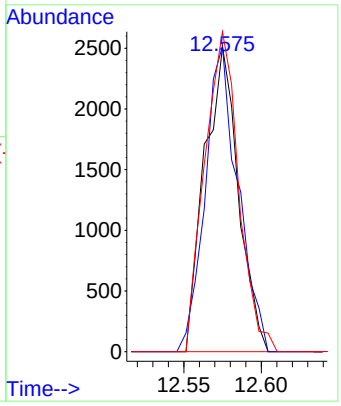


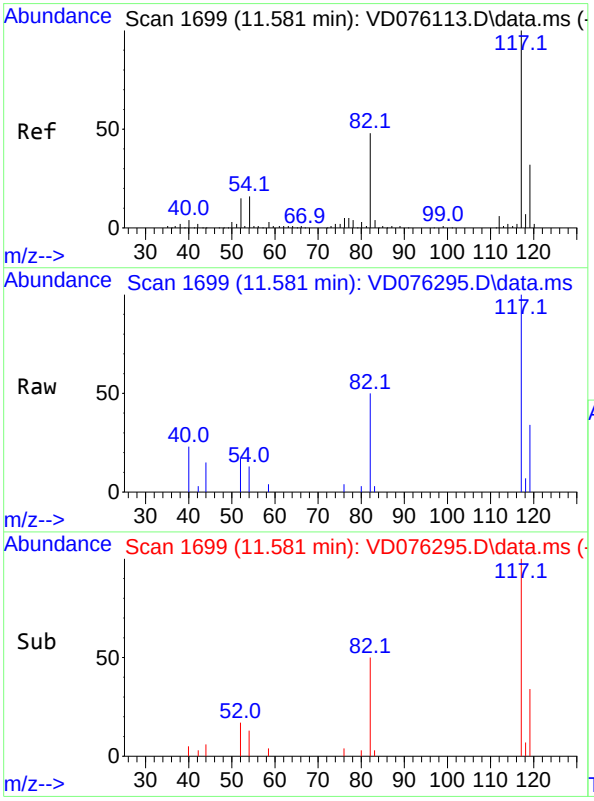
#62
4-Bromofluorobenzene
Concen: 48.473 ug/l
RT: 12.575 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076295.D
Acq: 31 May 2023 20:24

Instrument :
MSVOA_D
ClientSampleId :
SB24A

Tgt Ion: 95 Resp: 3789

Ion	Ratio	Lower	Upper
95	100		
174	98.0	0.0	164.0
176	105.9	0.0	156.8

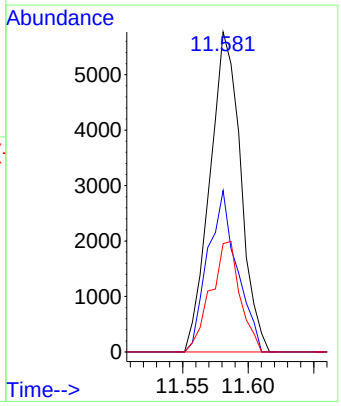


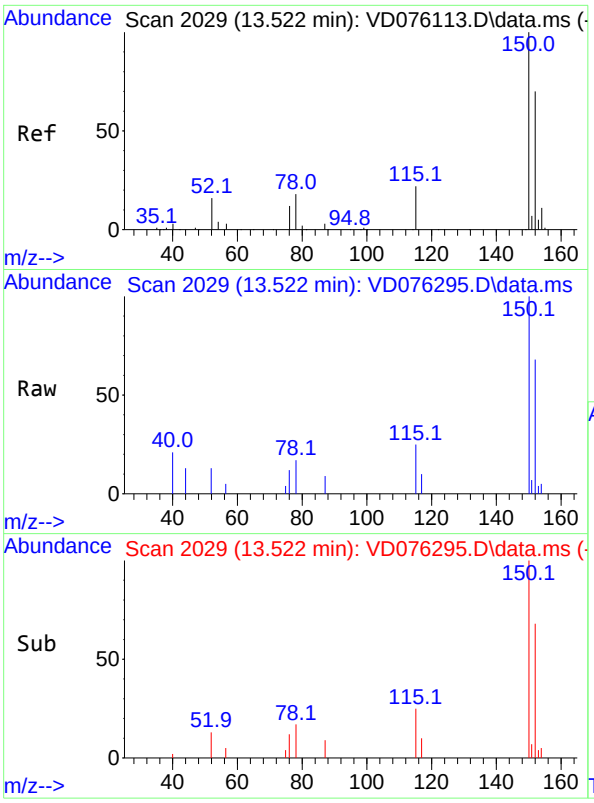


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076295.D
Acq: 31 May 2023 20:24

Tgt Ion:117 Resp: 9429

Ion	Ratio	Lower	Upper
117	100		
82	50.4	44.0	66.0
119	33.8	25.1	37.7



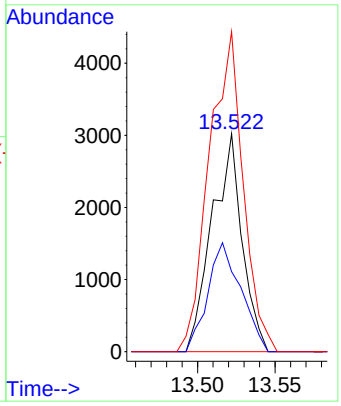


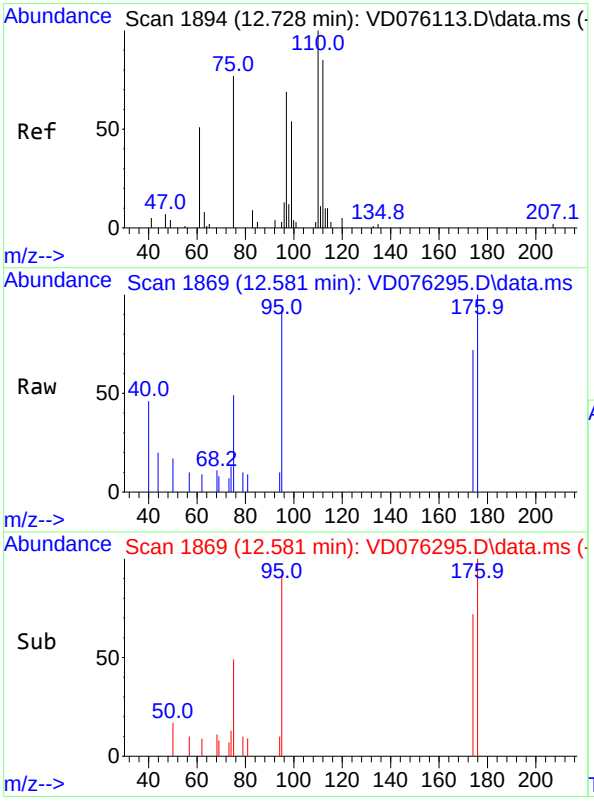
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2
Delta R.T. -0.000 min
Lab File: VD076295.D
Acq: 31 May 2023 20:24

Instrument :
MSVOA_D
ClientSampleId :
SB24A

Tgt Ion:152 Resp: 4068

Ion	Ratio	Lower	Upper
152	100		
115	55.2	30.1	90.3
150	166.1	0.0	364.8

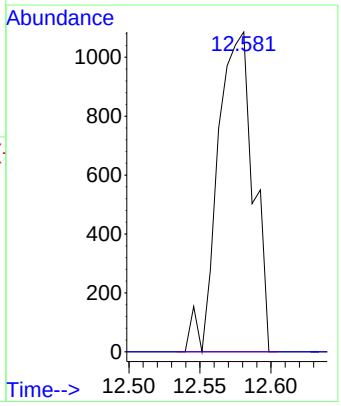


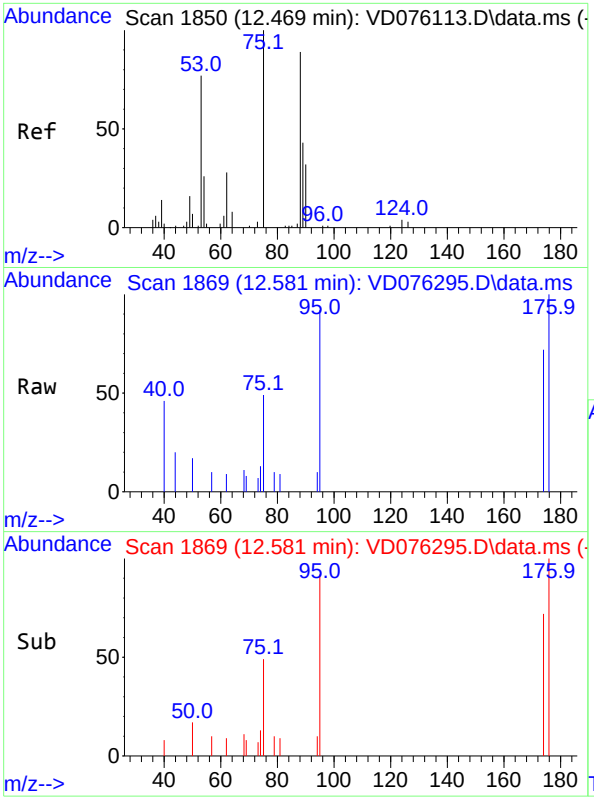


#76
1,2,3-Trichloropropane
Concen: 52.952 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. -0.147 min
Lab File: VD076295.D
Acq: 31 May 2023 20:24

Tgt Ion: 75 Resp: 1885

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 111.084 ug/l
RT: 12.581 min Scan# 1
Delta R.T. 0.106 min
Lab File: VD076295.D
Acq: 31 May 2023 20:24

Instrument :
MSVOA_D
ClientSampleId :
SB24A

Tgt Ion: 75 Resp: 1885

Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.5	135.7#
89	0.0	40.2	60.4#