Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
Data File : VD073308.D
Acq On : 24 May 2022 04:21
Operator : VA/SY
Sample : N2949-10
Misc : 6.34G/5.00ml/MSVOA_D/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-2430-01

Quant Time: May 24 08:16:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	106536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	188817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	225517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	104291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	92472	78.541	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 157.080%			
35) Dibromofluoromethane	7.909	113	83593	67.092	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 134.180%			
50) Toluene-d8	10.332	98	239721	52.194	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.380%			
62) 4-Bromofluorobenzene	12.620	95	95630	59.331	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.660%			
Target Compounds						Qvalue
5) Bromomethane	2.774	94	740	Below Cal	#	52
11) Tert butyl alcohol	5.179	59	12514	68.506	ug/l #	74
16) Acetone	4.162	43	13114	64.305	ug/l	90
20) Methylene Chloride	4.962	84	4857	Below Cal	#	68
25) 2-Butanone	7.203	43	3450	11.563	ug/l #	52
26) 2,2-Dichloropropane	7.191	77	2072	1.045	ug/l #	54
29) Tetrahydrofuran	7.550	42	344	1.783	ug/l #	69
31) Cyclohexane	7.979	56	2570	1.249	ug/l #	14
36) 1,1-Dichloropropene	7.973	75	9844	5.253	ug/l #	50
37) Ethyl Acetate	7.203	43	3450	4.661	ug/l #	42
38) Carbon Tetrachloride	7.973	117	11106	5.847	ug/l #	20
70) Styrene	12.179	104	11244	2.255	ug/l	91
71) Bromoform	12.620	173	1364	1.545	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	47775	46.688	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	47775	112.084	ug/l #	7

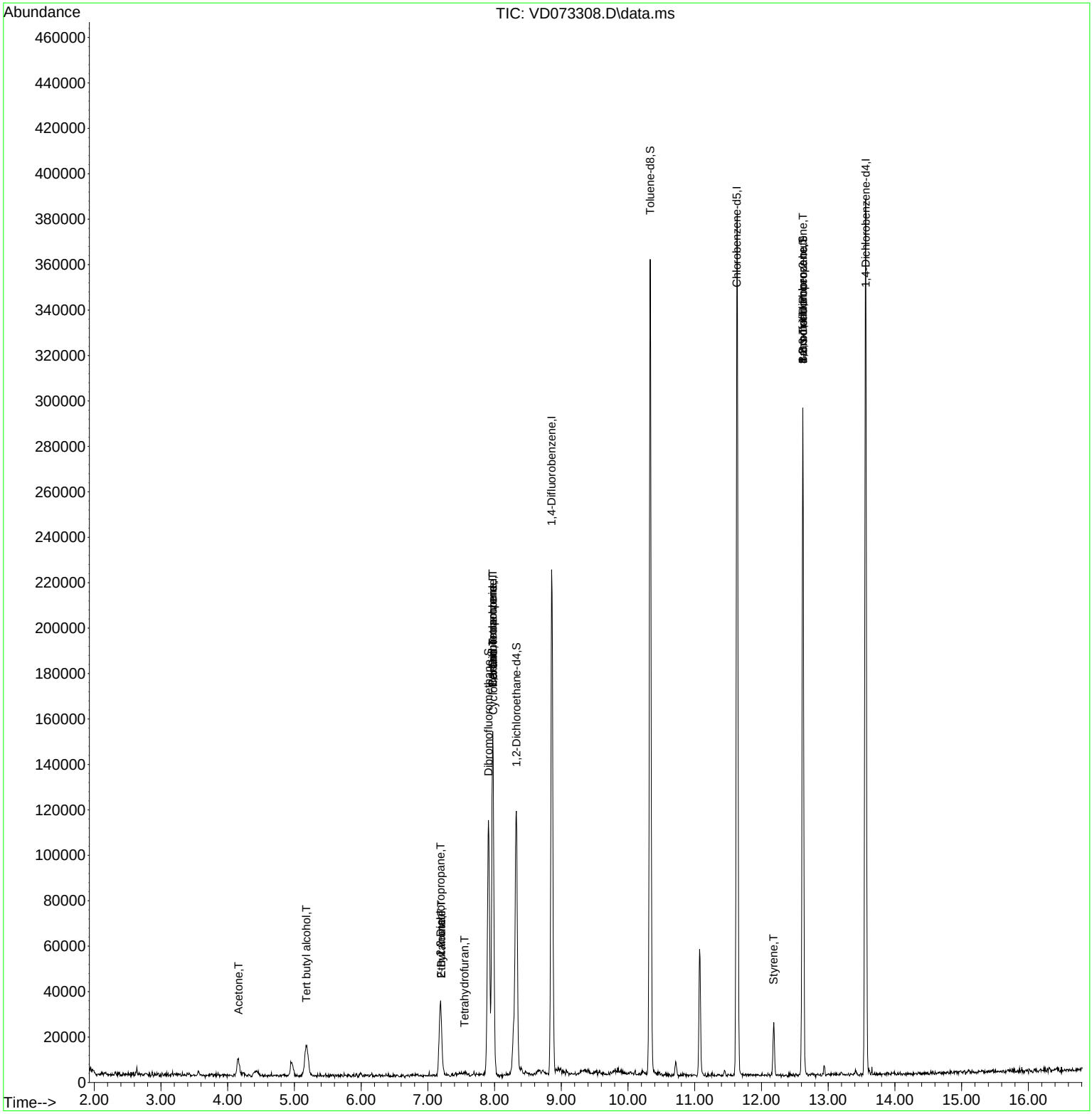
(#) = qualifier out of range (m) = manual integration (+) = signals summed

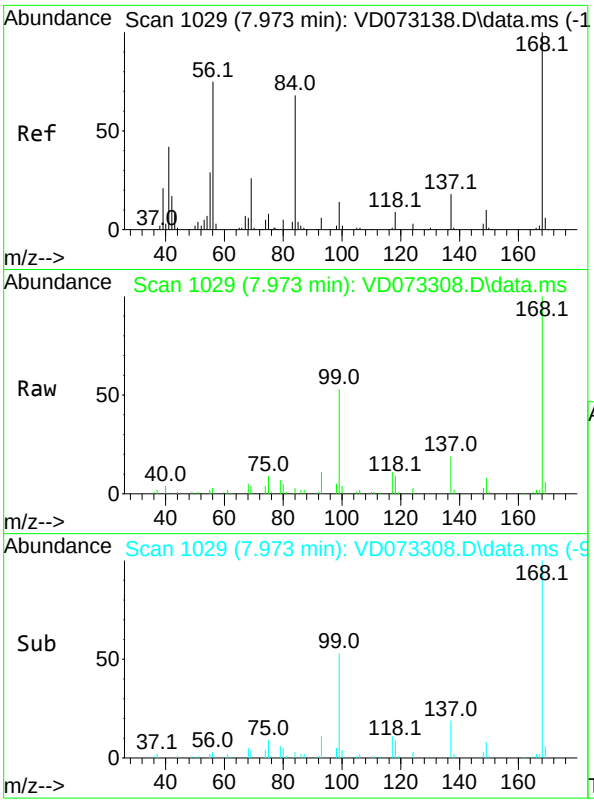
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
Data File : VD073308.D
Acq On : 24 May 2022 04:21
Operator : VA/SY
Sample : N2949-10
Misc : 6.34G/5.00ml/MSVOA_D/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-2430-01

Quant Time: May 24 08:16:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



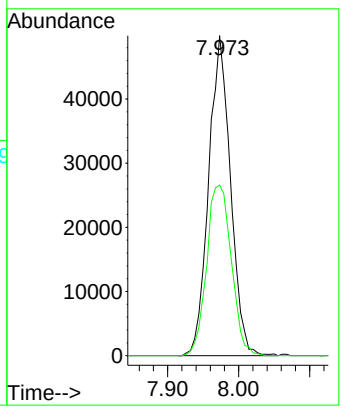


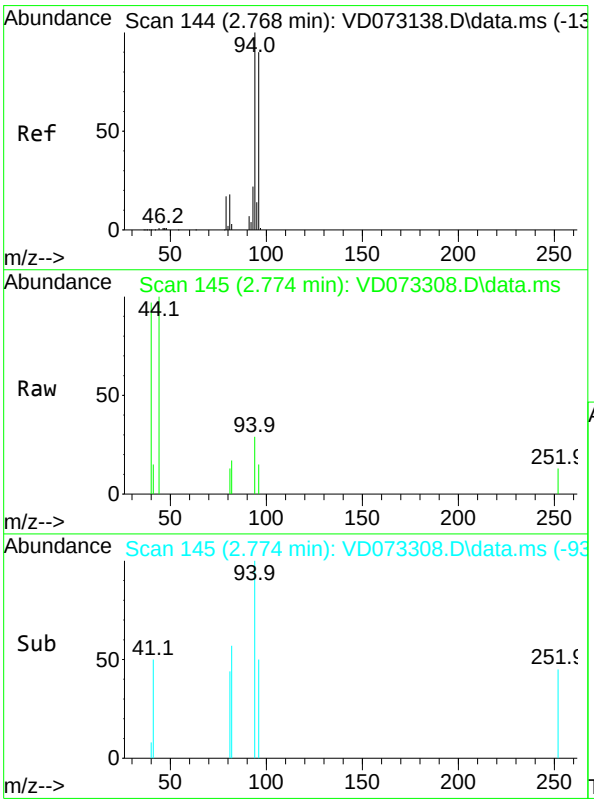
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-2430-01

Tgt Ion:168 Resp: 106536

Ion	Ratio	Lower	Upper
168	100		
99	53.4	49.8	74.6

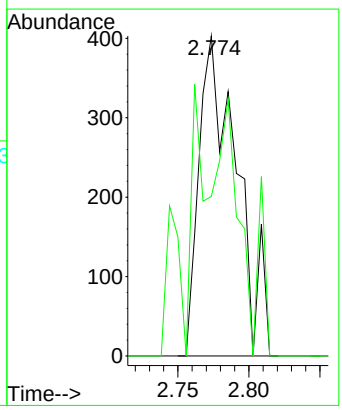


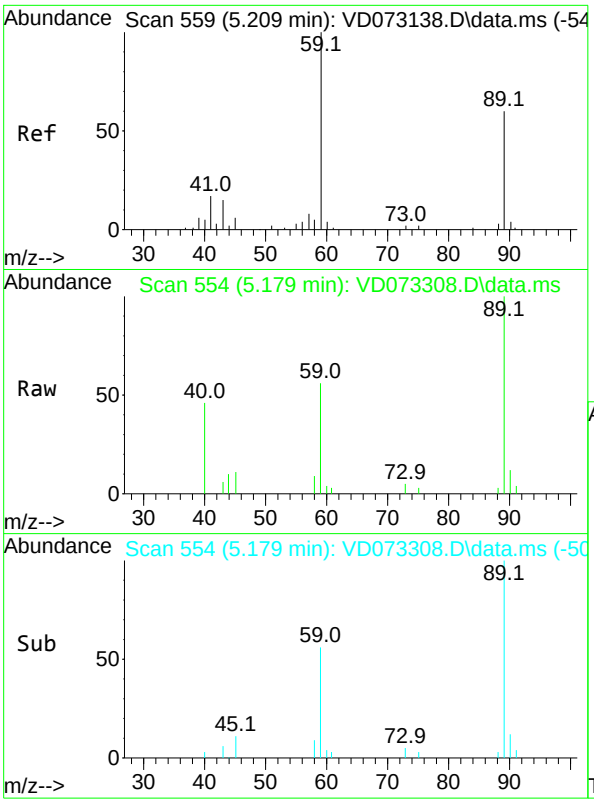


#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Tgt Ion: 94 Resp: 740

Ion	Ratio	Lower	Upper
94	100		
96	49.9	77.6	116.4#



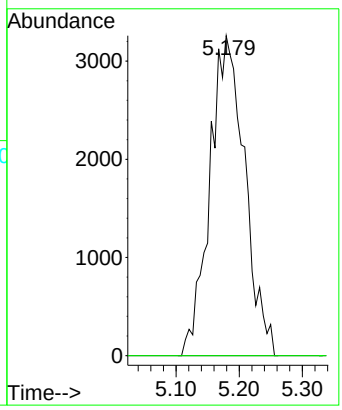


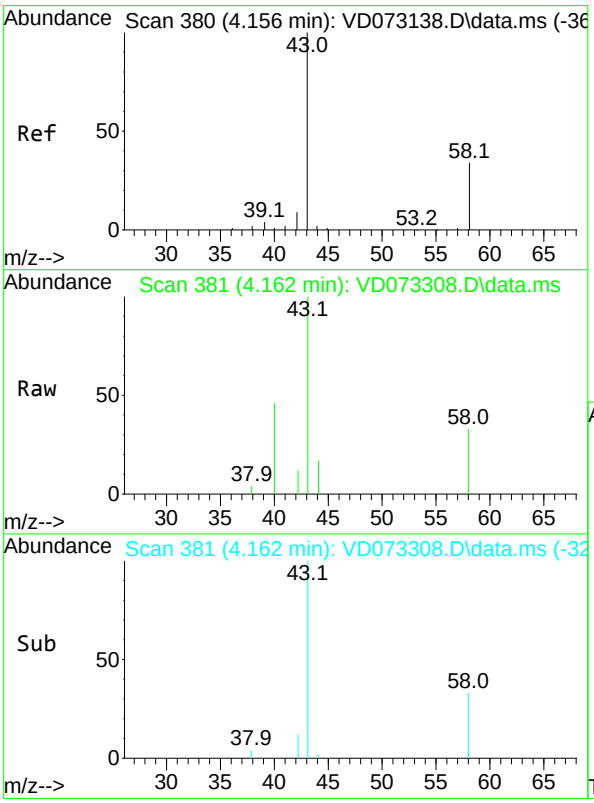
#11
Tert butyl alcohol
Concen: 68.506 ug/l
RT: 5.179 min Scan# 5
Delta R.T. -0.030 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-2430-01

Tgt Ion: 59 Resp: 12514

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#

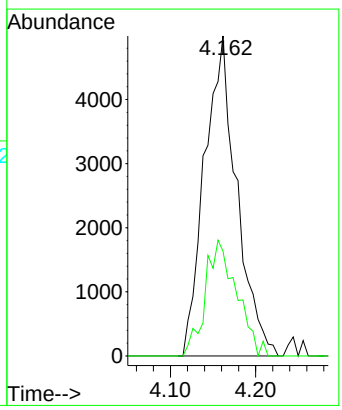


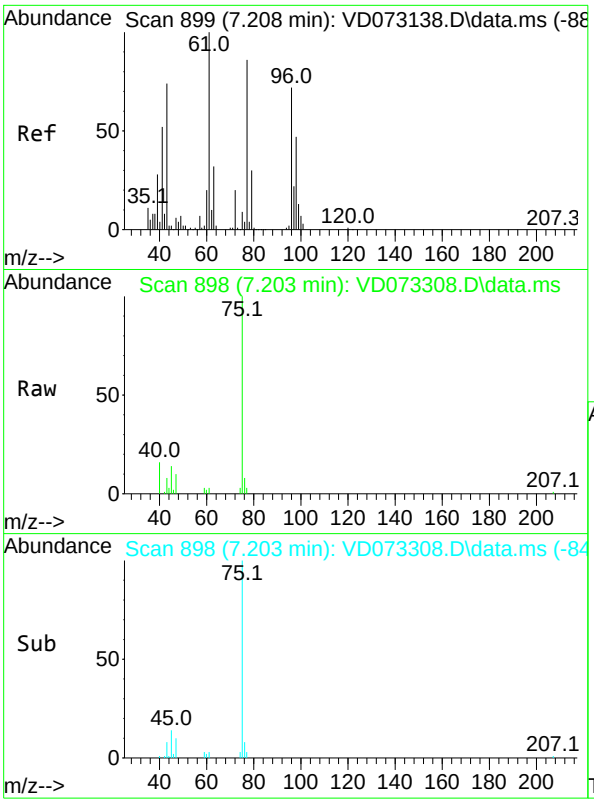


#16
Acetone
Concen: 64.305 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Tgt Ion: 43 Resp: 13114

Ion	Ratio	Lower	Upper
43	100		
58	32.8	22.1	33.1



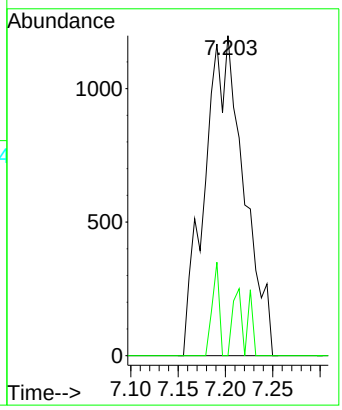


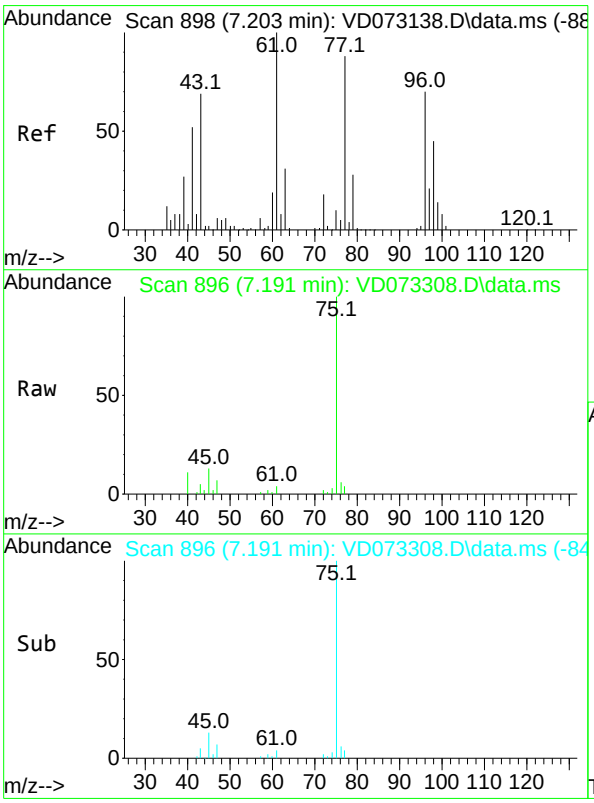
#25
2-Butanone
Concen: 11.563 ug/l
RT: 7.203 min Scan# 8
Delta R.T. -0.005 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-2430-01

Tgt Ion: 43 Resp: 3450

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#

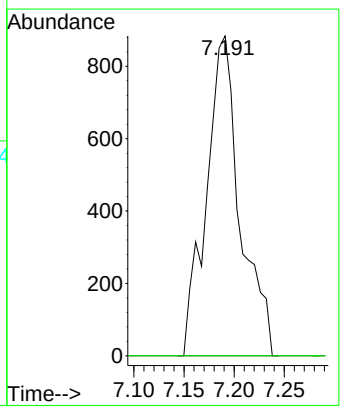


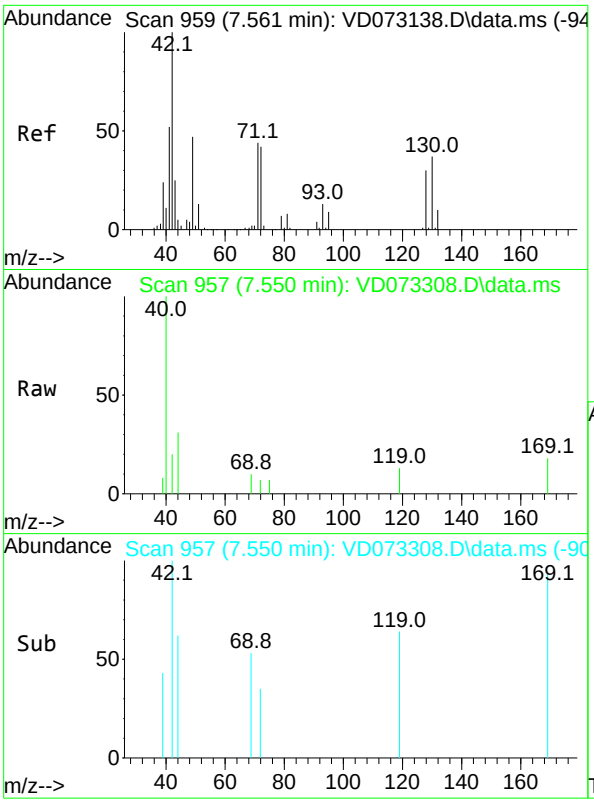


#26
2,2-Dichloropropane
Concen: 1.045 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.012 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Tgt Ion: 77 Resp: 2072

Ion	Ratio	Lower	Upper
77	100		
97	0.0	10.8	32.4#



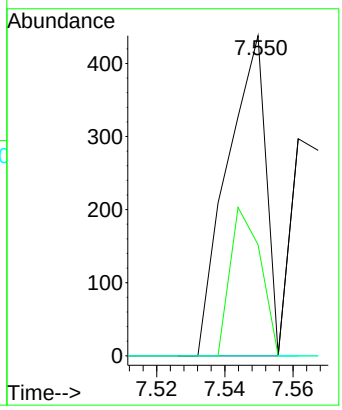


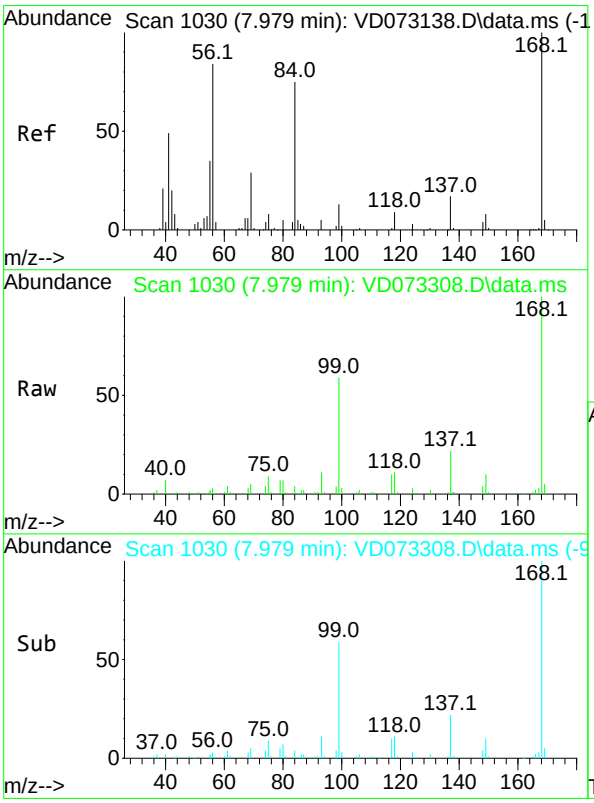
#29
Tetrahydrofuran
Concen: 1.783 ug/l
RT: 7.550 min Scan# 9
Delta R.T. -0.011 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-2430-01

Tgt Ion: 42 Resp: 344

Ion	Ratio	Lower	Upper
42	100		
72	36.3	30.7	46.1
71	0.0	28.6	43.0#

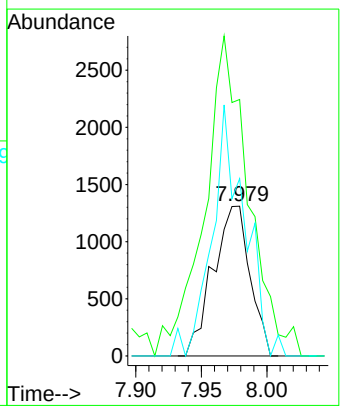


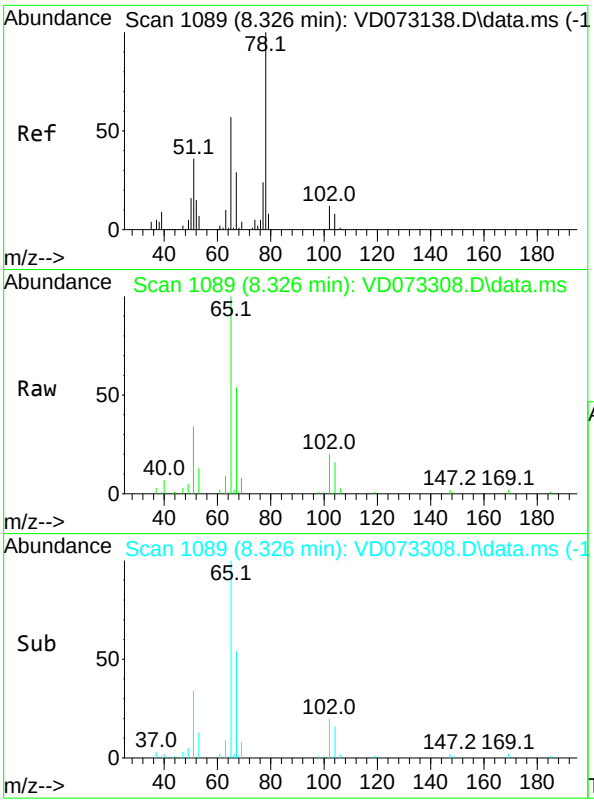


#31
Cyclohexane
Concen: 1.249 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Tgt Ion: 56 Resp: 2570

Ion	Ratio	Lower	Upper
56	100		
69	157.0	25.4	38.2#
84	104.3	63.0	94.4#



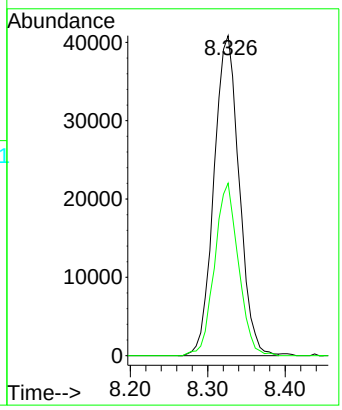


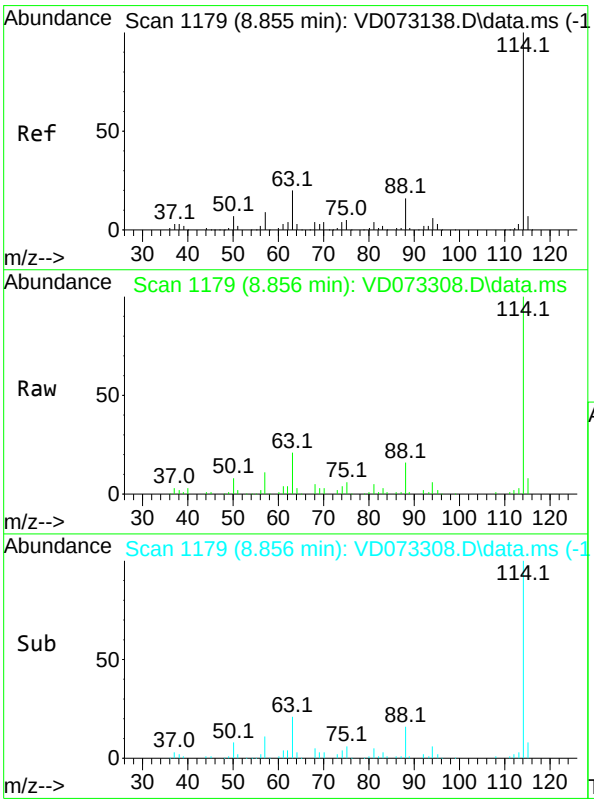
#33
1,2-Dichloroethane-d4
Concen: 78.541 ug/l
RT: 8.326 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-2430-01

Tgt Ion: 65 Resp: 92472

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	101.4

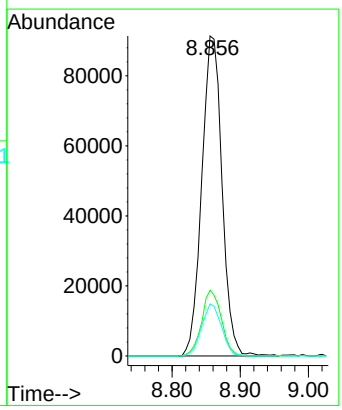


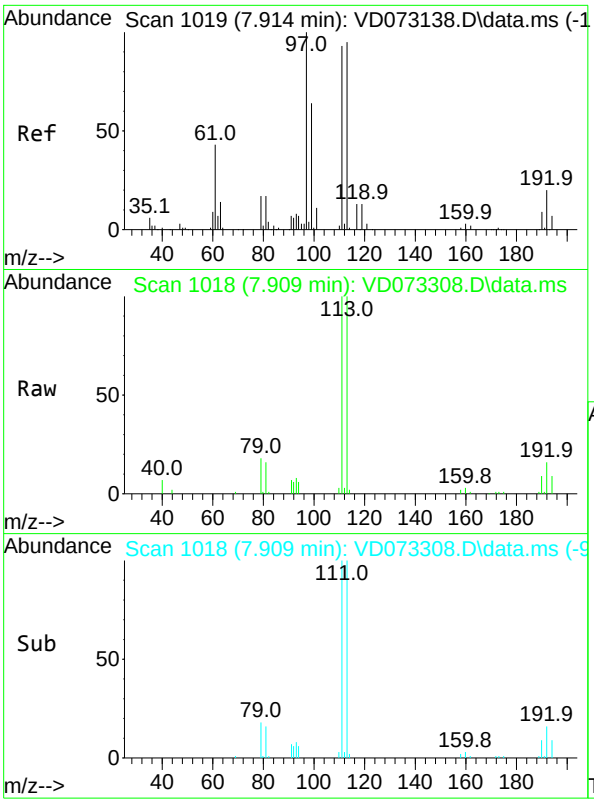


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Tgt Ion:114 Resp: 188817

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	46.6
88	16.2	0.0	33.2



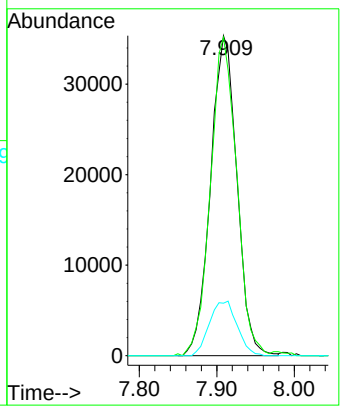


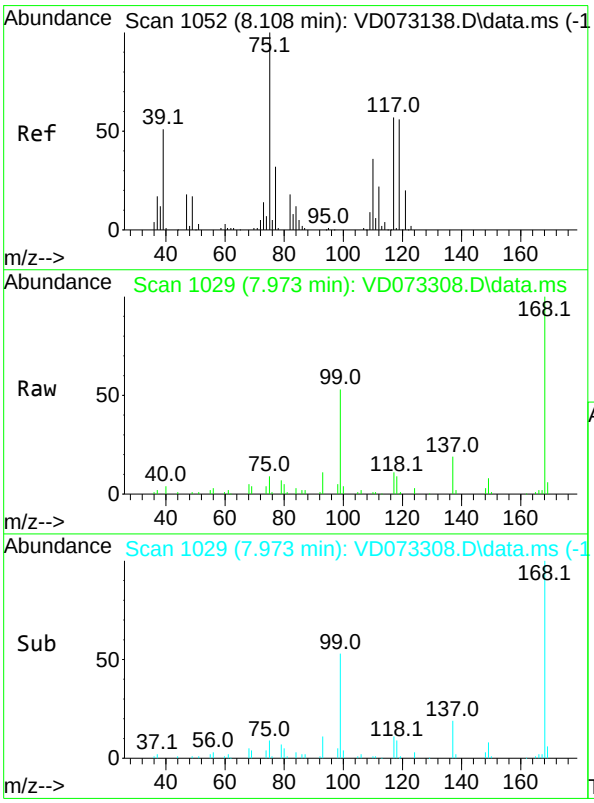
#35
Dibromofluoromethane
Concen: 67.092 ug/l
RT: 7.909 min Scan# 1
Delta R.T. -0.005 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-2430-01

Tgt Ion:113 Resp: 83593

Ion	Ratio	Lower	Upper
113	100		
111	98.9	83.8	125.6
192	17.9	14.6	21.8

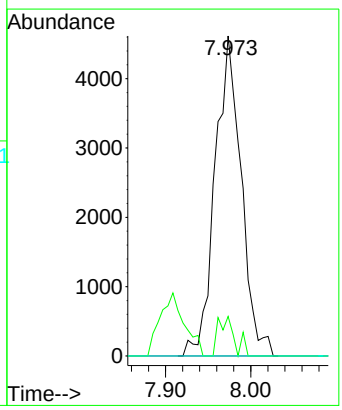


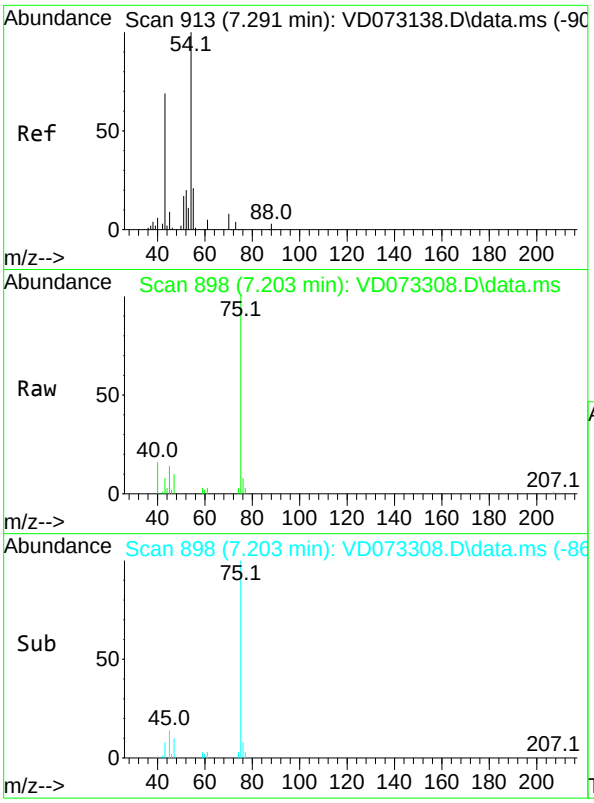


#36
1,1-Dichloropropene
Concen: 5.253 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Tgt Ion: 75 Resp: 9844

Ion	Ratio	Lower	Upper
75	100		
110	7.7	16.4	49.1#
77	0.0	24.2	36.2#



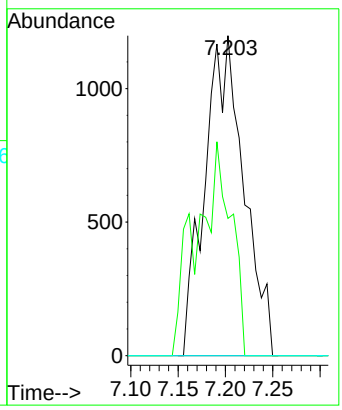


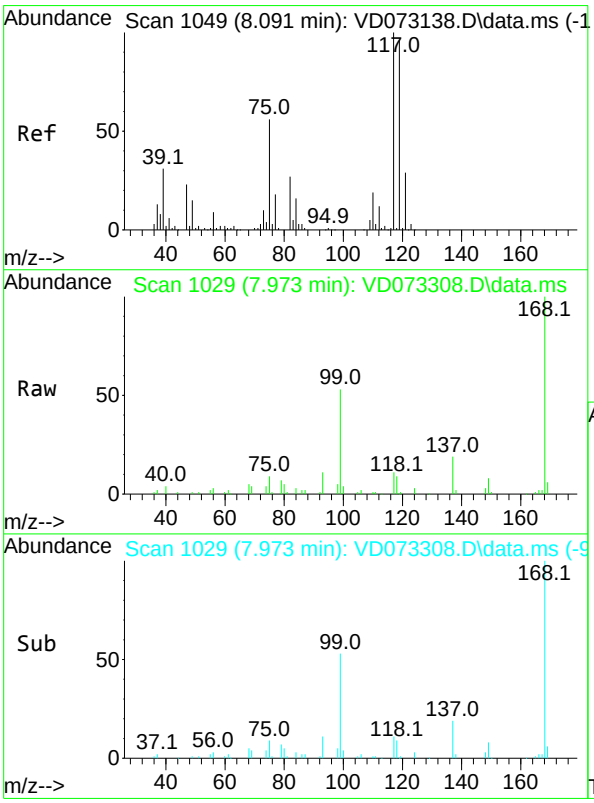
#37
Ethyl Acetate
Concen: 4.661 ug/l
RT: 7.203 min Scan# 8
Delta R.T. -0.088 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-2430-01

Tgt Ion: 43 Resp: 3450

Ion	Ratio	Lower	Upper
43	100		
61	44.2	9.8	14.8#
70	0.0	6.9	10.3#

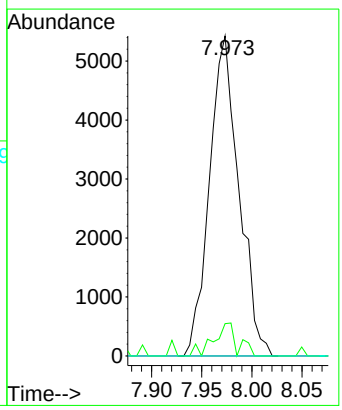


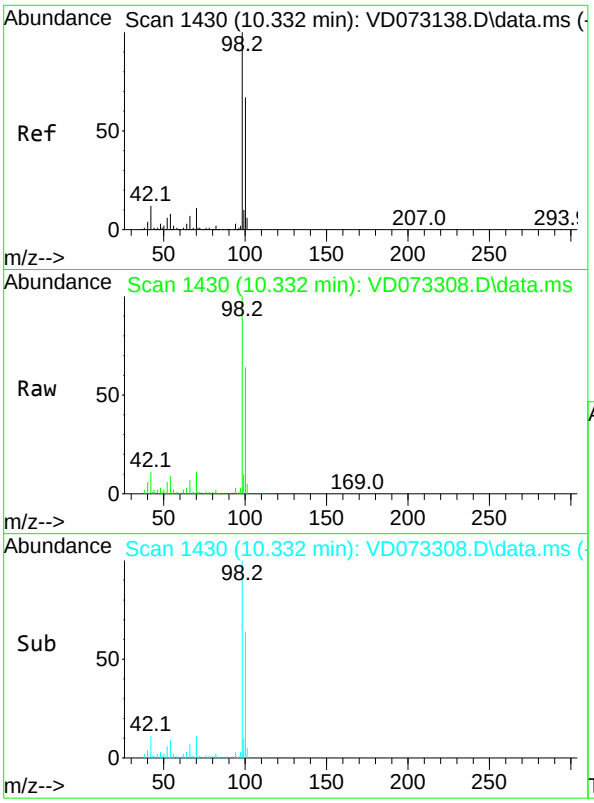


#38
Carbon Tetrachloride
Concen: 5.847 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Tgt Ion:117 Resp: 11106

Ion	Ratio	Lower	Upper
117	100		
119	10.1	75.8	113.6#
121	0.0	24.5	36.7#



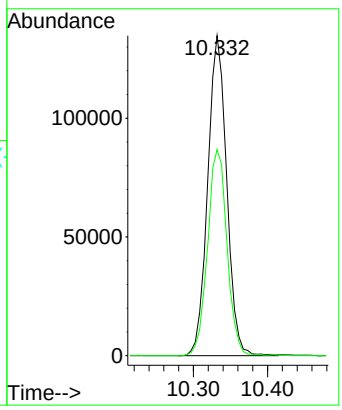


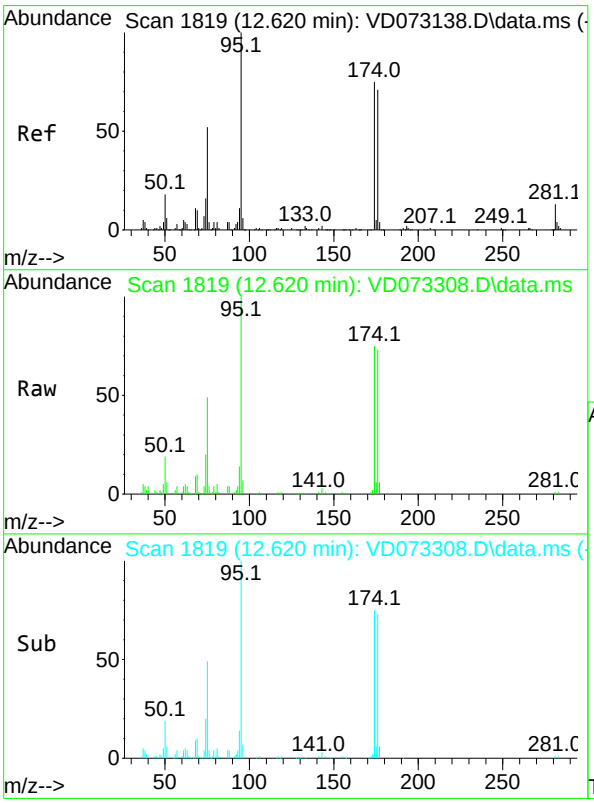
#50
Toluene-d8
Concen: 52.194 ug/l
RT: 10.332 min Scan# 14
Delta R.T. -0.000 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-2430-01

Tgt Ion: 98 Resp: 239721

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.4	78.6

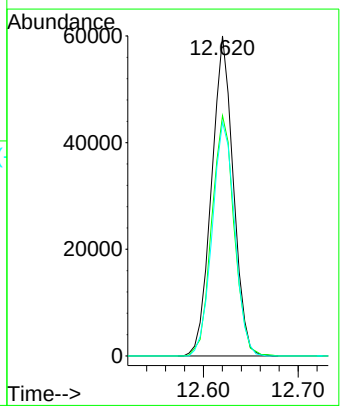


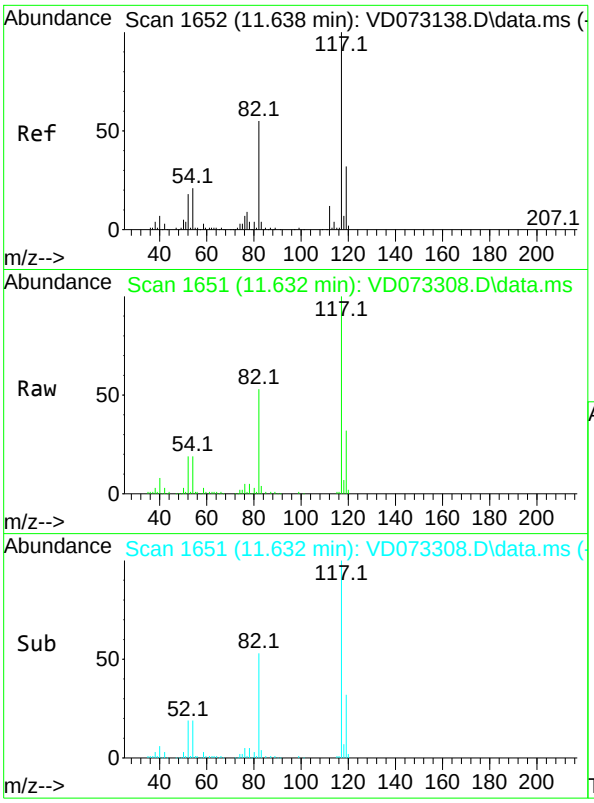


#62
4-Bromofluorobenzene
Concen: 59.331 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Tgt Ion: 95 Resp: 95630

Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	152.8
176	75.3	0.0	145.4



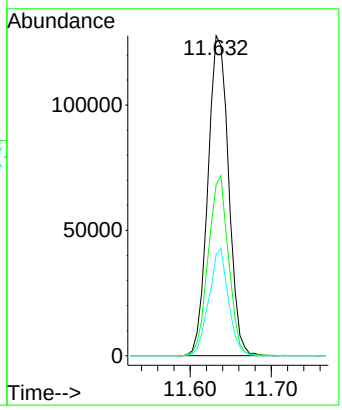


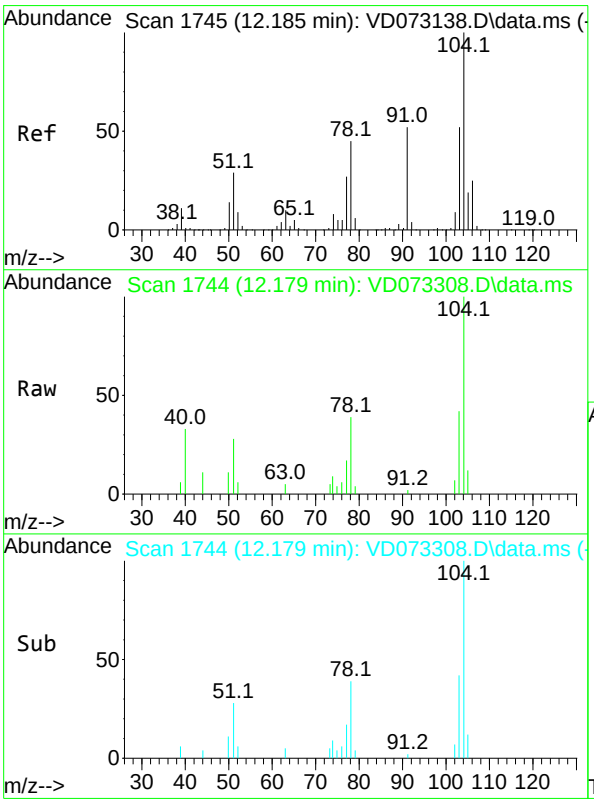
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-2430-01

Tgt Ion:117 Resp: 225517

Ion	Ratio	Lower	Upper
117	100		
82	53.4	45.3	67.9
119	31.5	26.6	40.0

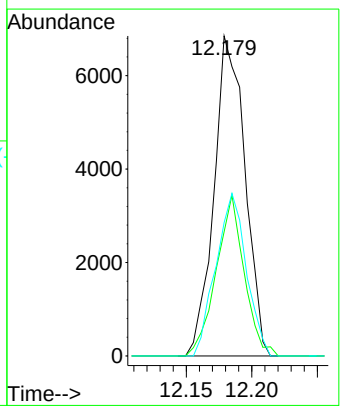


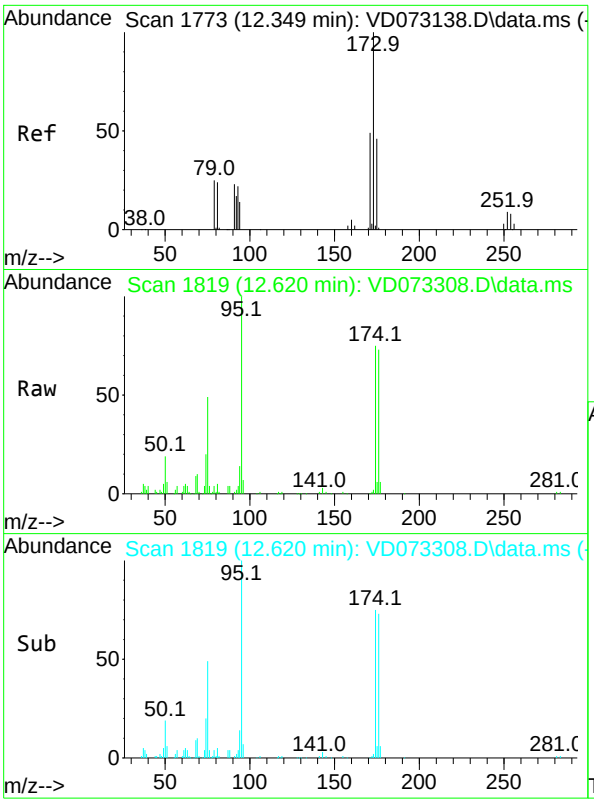


#70
Styrene
Concen: 2.255 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Tgt Ion:104 Resp: 11244

Ion	Ratio	Lower	Upper
104	100		
78	45.3	41.8	62.8
103	49.9	44.2	66.4



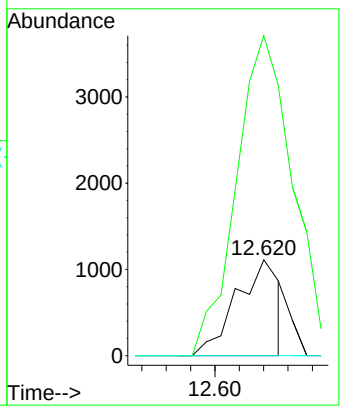


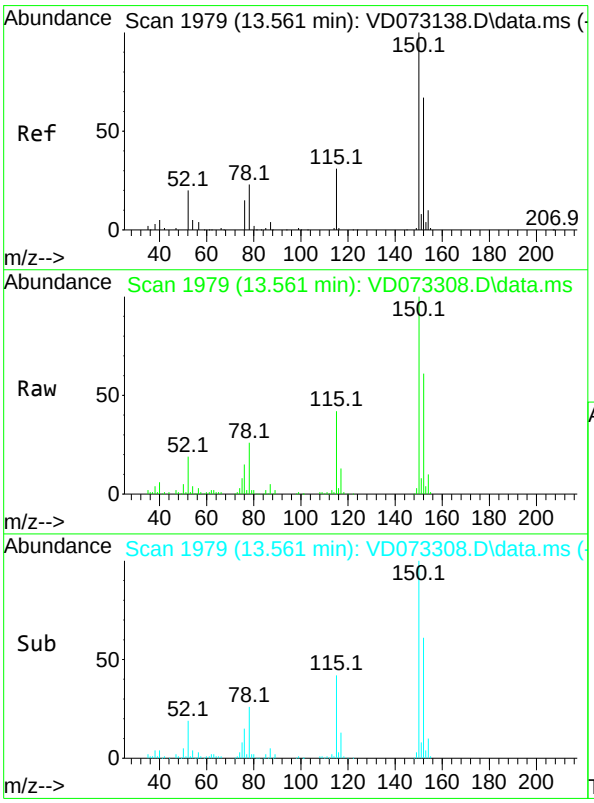
#71
Bromoform
Concen: 1.545 ug/l
RT: 12.620 min Scan# 1
Delta R.T. 0.271 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-2430-01

Tgt Ion:173 Resp: 1364

Ion	Ratio	Lower	Upper
173	100		
175	340.8	23.9	71.8#
254	0.0	0.0	0.0

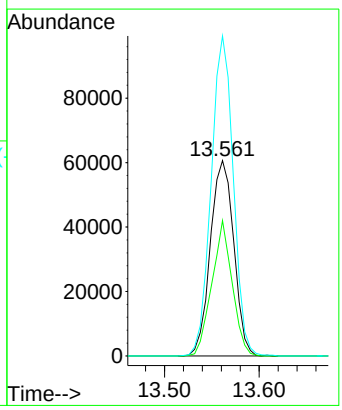


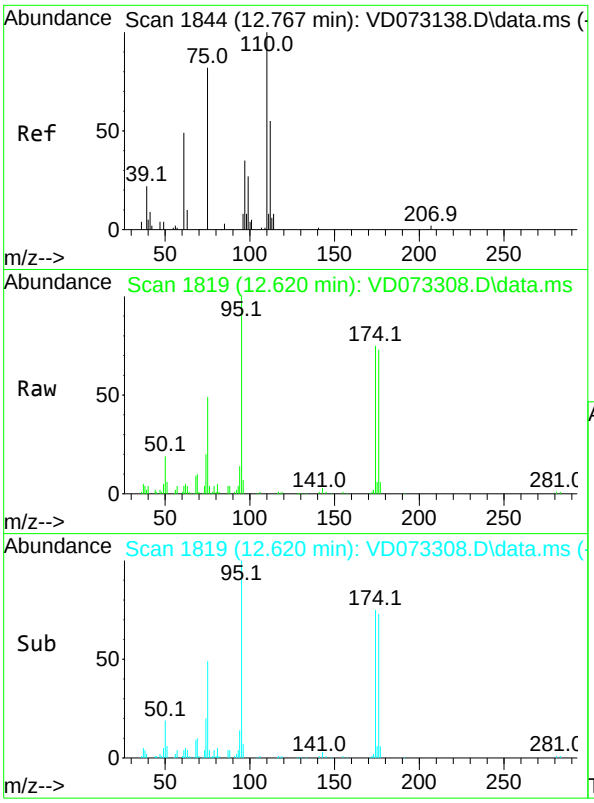


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Tgt Ion:152 Resp: 104291

Ion	Ratio	Lower	Upper
152	100		
115	60.1	31.3	93.8
150	154.7	0.0	348.6



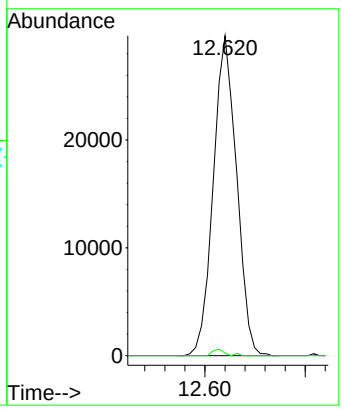


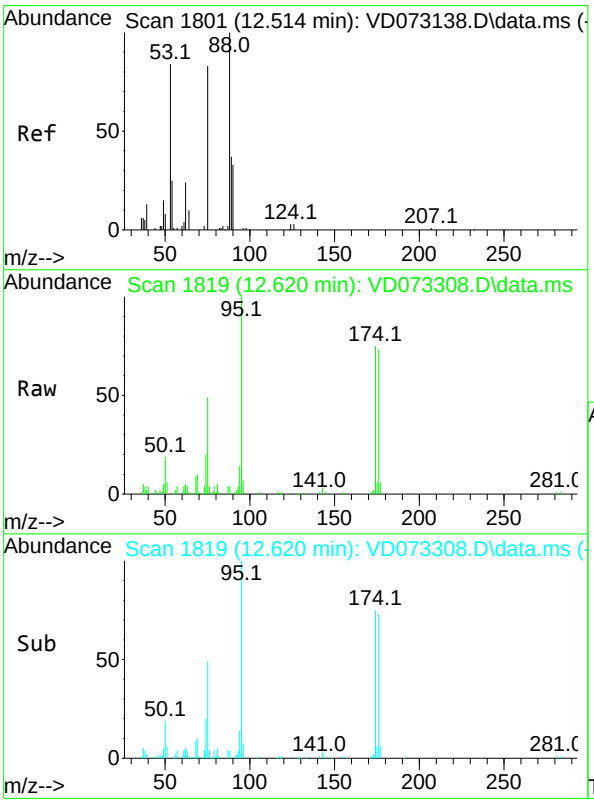
#76
1,2,3-Trichloropropane
Concen: 46.688 ug/l
RT: 12.620 min Scan# 1
Delta R.T. -0.147 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-2430-01

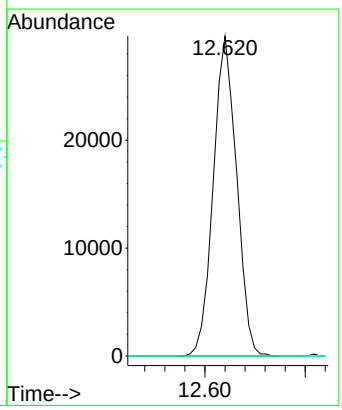
Tgt Ion: 75 Resp: 47775

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 112.084 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073308.D
Acq: 24 May 2022 04:21

Tgt Ion: 75 Resp: 47775

Ion	Ratio	Lower	Upper
75	100		
53	0.0	86.5	129.7#
89	0.0	33.9	50.9#