Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
Data File : VD072393.D
Acq On : 23 Mar 2022 19:33
Operator : VA/SY
Sample : N2077-09
Misc : 5.98G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Mar 24 00:55:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	420693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	724926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	767793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	316025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	200097	42.679	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 85.360%			
35) Dibromofluoromethane	7.914	113	216201	42.381	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 84.760%			
50) Toluene-d8	10.332	98	922620	49.462	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.920%			
62) 4-Bromofluorobenzene	12.620	95	394913	54.487	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.980%			
Target Compounds						Qvalue
10) Methyl Iodide	4.303	142	353	2.305	ug/l #	60
11) Tert butyl alcohol	5.191	59	487	1.792	ug/l #	74
16) Acetone	4.156	43	6957	6.834	ug/l #	80
17) Carbon Disulfide	4.415	76	869	1.594	ug/l #	74
18) Methyl Acetate	4.944	43	10427	4.180	ug/l #	55
20) Methylene Chloride	4.973	84	4485	Below Cal	#	55
25) 2-Butanone	7.214	43	1919	1.414	ug/l #	52
31) Cyclohexane	7.973	56	12538	1.712	ug/l #	14
36) 1,1-Dichloropropene	7.979	75	33688	4.707	ug/l #	52
38) Carbon Tetrachloride	7.973	117	44250	5.440	ug/l #	18
39) Methylcyclohexane	9.320	83	35444	4.401	ug/l #	26
40) Benzene	8.344	78	117500	5.755	ug/l	100
43) Isopropyl Acetate	8.444	43	16533	2.717	ug/l #	54
48) Methyl methacrylate	9.403	41	16681	5.741	ug/l #	53
52) Toluene	10.403	92	57912	4.311	ug/l	96
55) 1,1,2-Trichloroethane	10.767	97	61456	14.647	ug/l #	22
56) Ethyl methacrylate	10.673	69	57091	11.617	ug/l #	22
59) 2-Hexanone	10.944	43	44576	20.195	ug/l #	36
74) N-amyl acetate	12.255	43	89866	16.698	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.697	83	42978	9.596	ug/l #	25
76) 1,2,3-Trichloropropane	12.620	75	205217	58.868	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	205217	146.058	ug/l #	11

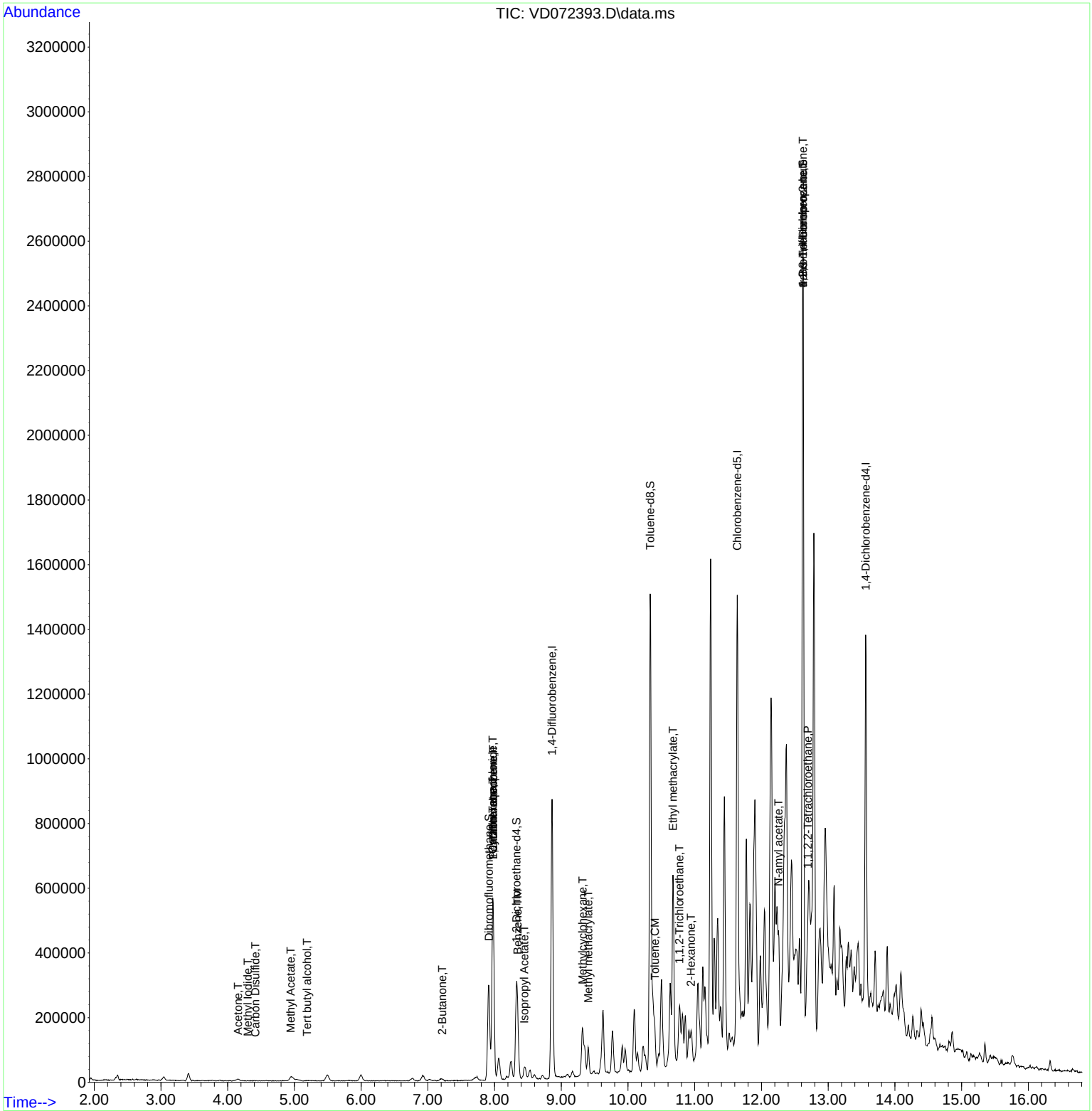
(#) = qualifier out of range (m) = manual integration (+) = signals summed

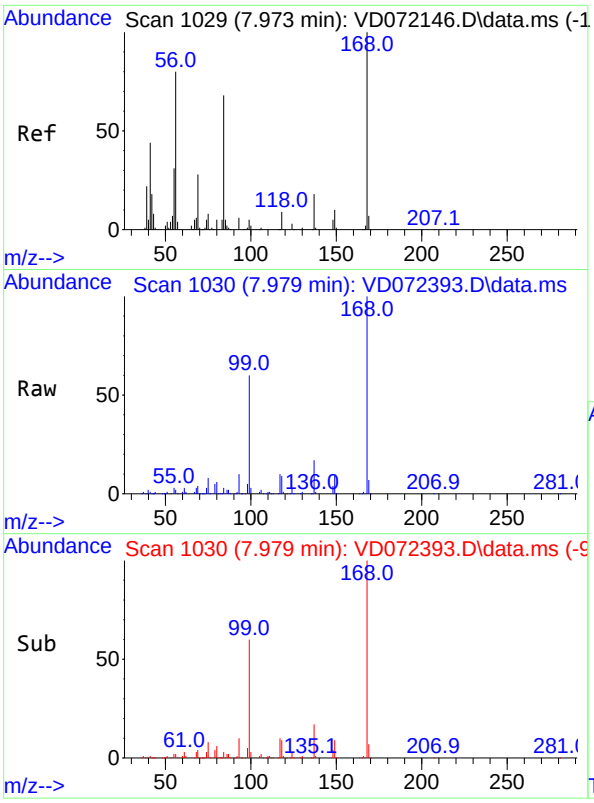
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
Data File : VD072393.D
Acq On : 23 Mar 2022 19:33
Operator : VA/SY
Sample : N2077-09
Misc : 5.98G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Mar 24 00:55:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration



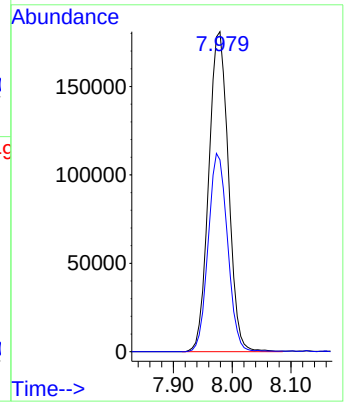


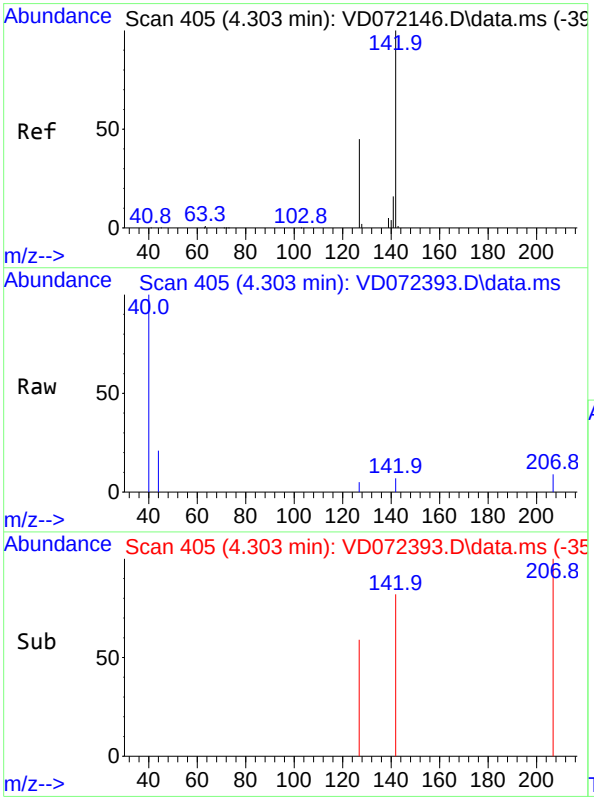
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 420693

Ion	Ratio	Lower	Upper
168	100		
99	59.9	49.8	74.6

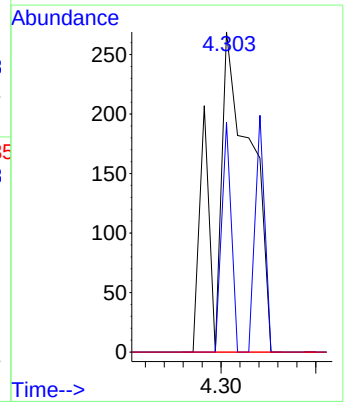


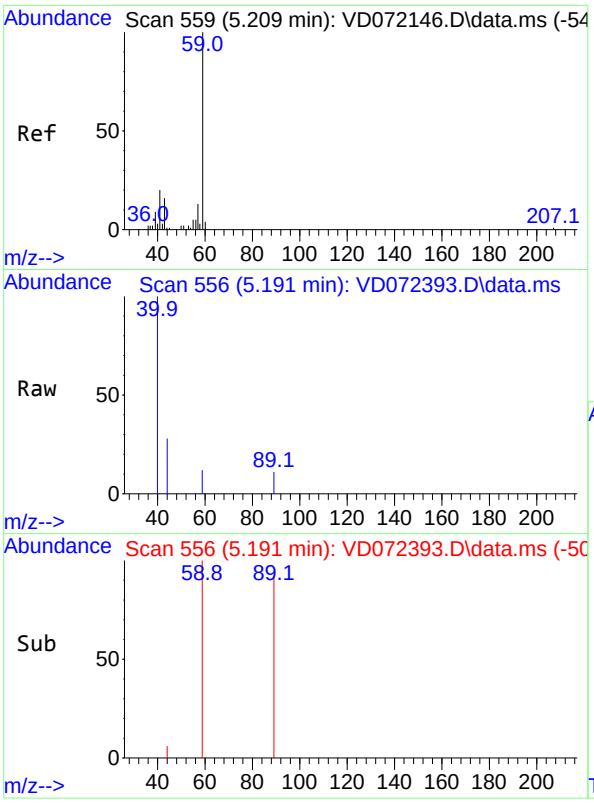


#10
Methyl Iodide
Concen: 2.305 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Tgt Ion:142 Resp: 353

Ion	Ratio	Lower	Upper
142	100		
127	19.3	37.3	55.9#
141	0.0	11.7	17.5#



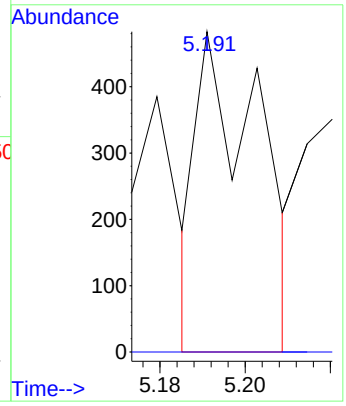


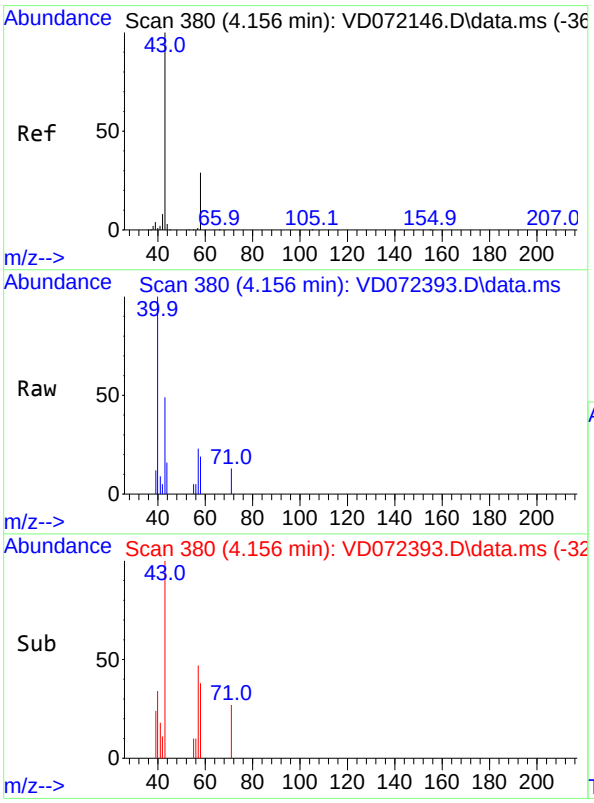
#11
Tert butyl alcohol
Concen: 1.792 ug/l
RT: 5.191 min Scan# 5
Delta R.T. -0.018 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 487

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#

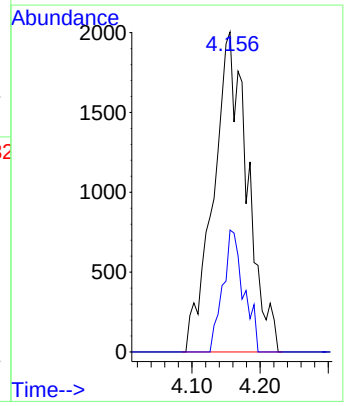


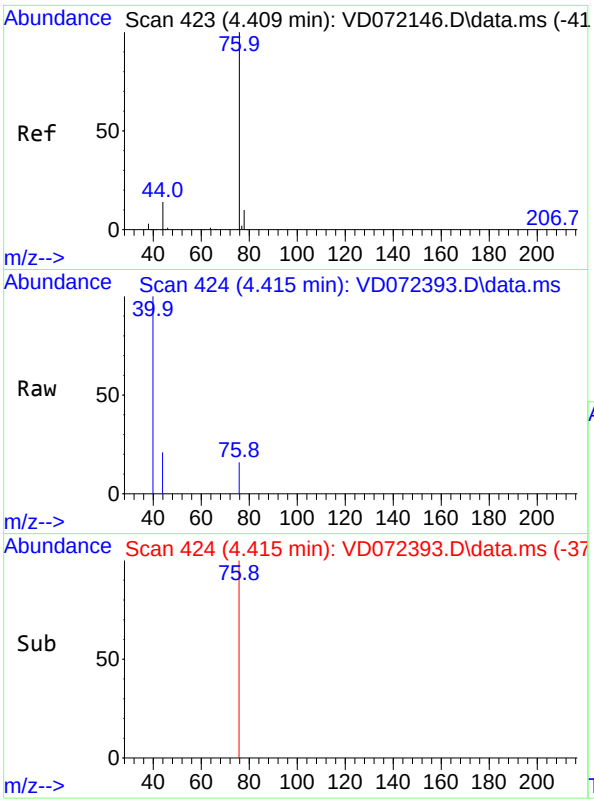


#16
Acetone
Concen: 6.834 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Tgt Ion: 43 Resp: 6957

Ion	Ratio	Lower	Upper
43	100		
58	38.1	22.1	33.1#



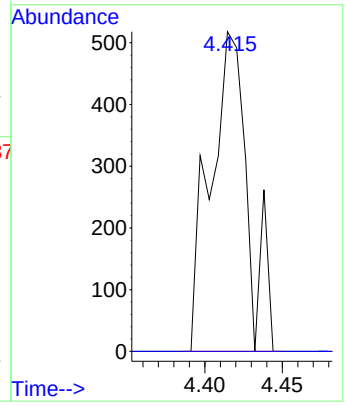


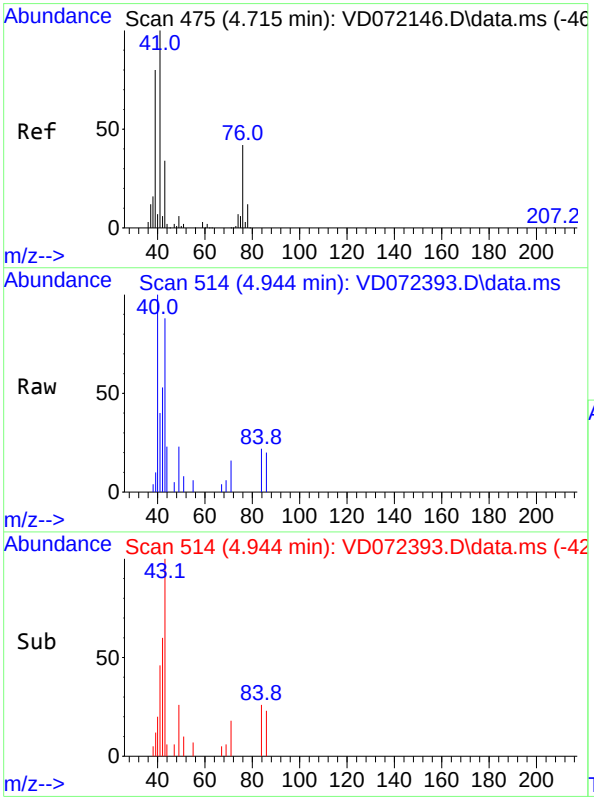
#17
Carbon Disulfide
Concen: 1.594 ug/l
RT: 4.415 min Scan# 4
Delta R.T. 0.006 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 76 Resp: 869

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.5	11.3#

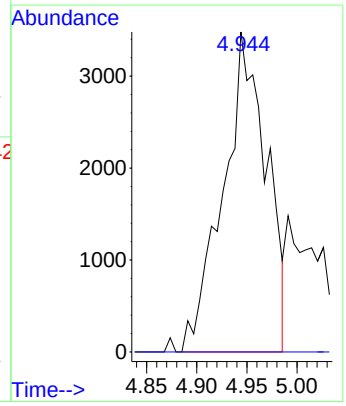


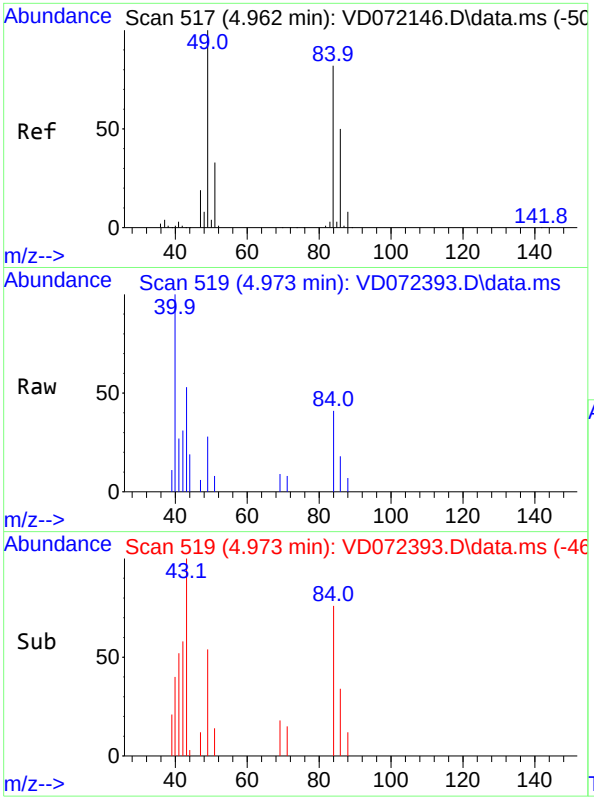


#18
Methyl Acetate
Concen: 4.180 ug/l
RT: 4.944 min Scan# 514
Delta R.T. 0.229 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Tgt Ion: 43 Resp: 10427

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.7	25.1#



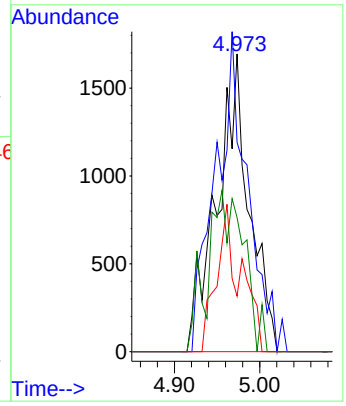


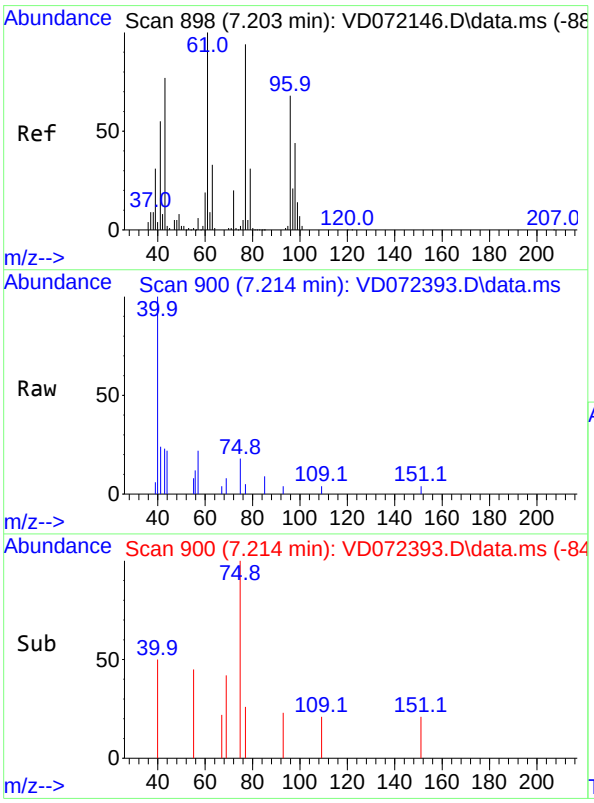
#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 5
Delta R.T. 0.011 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 4485

Ion	Ratio	Lower	Upper
84	100		
49	70.3	112.8	169.2#
51	18.7	32.6	48.8#
86	45.0	47.9	71.9#

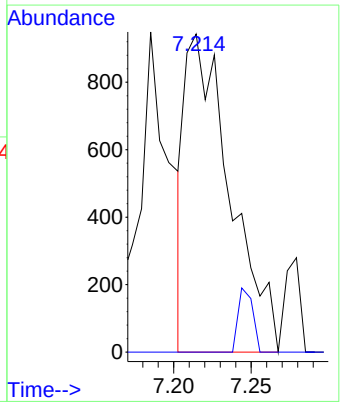


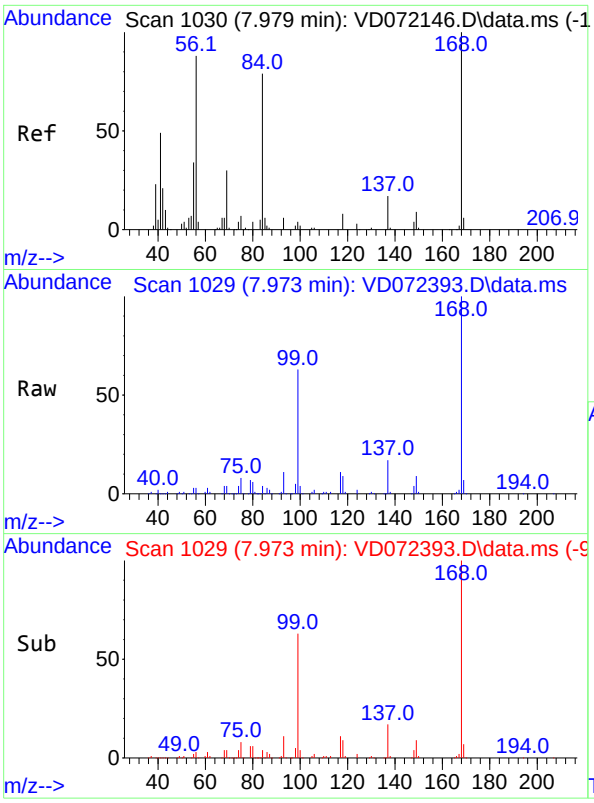


#25
2-Butanone
Concen: 1.414 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.012 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Tgt Ion: 43 Resp: 1919

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#



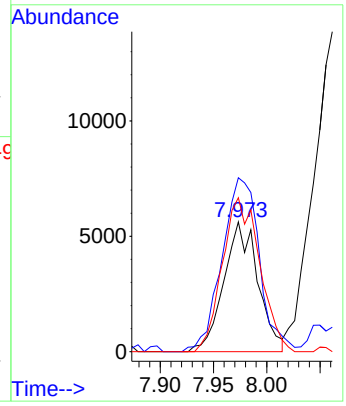


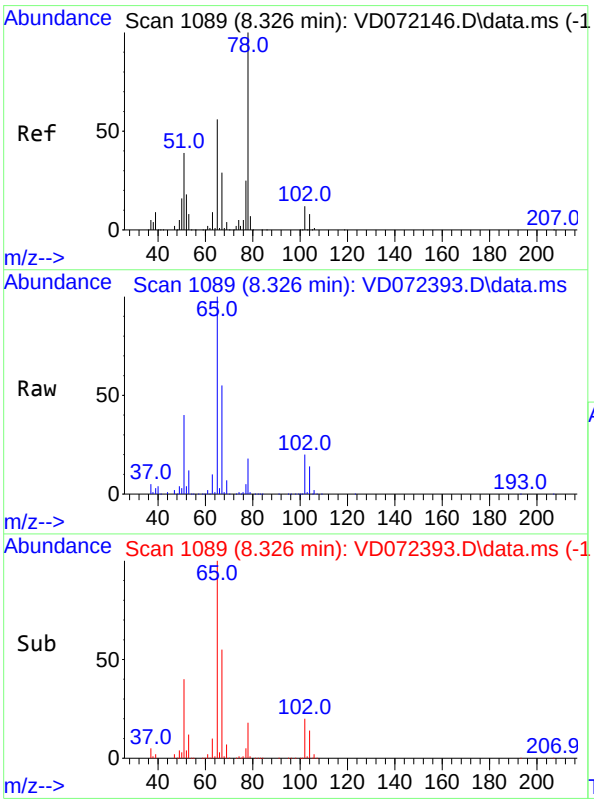
#31
Cyclohexane
Concen: 1.712 ug/l
RT: 7.973 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 12538

Ion	Ratio	Lower	Upper
56	100		
69	134.1	25.4	38.2#
84	118.7	63.0	94.4#

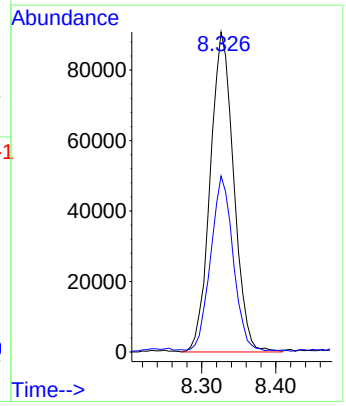


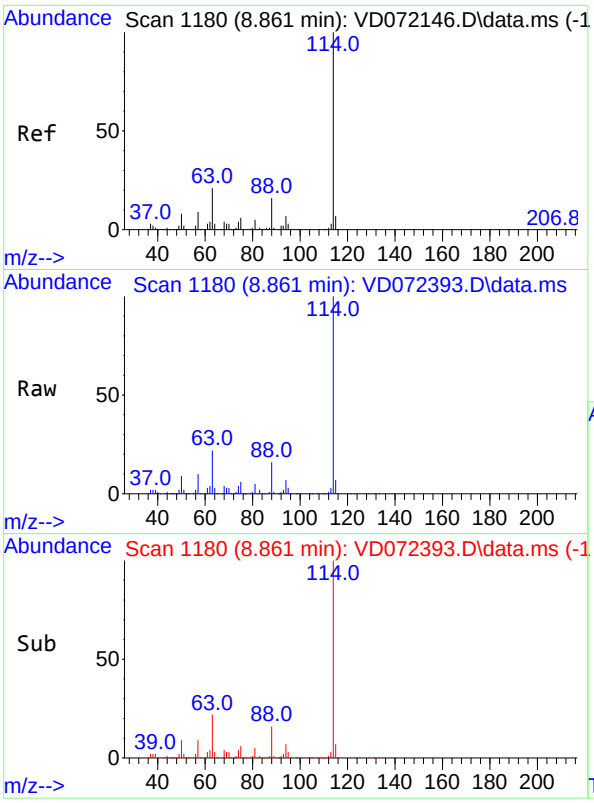


#33
1,2-Dichloroethane-d4
Concen: 42.679 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Tgt Ion: 65 Resp: 200097

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	101.4



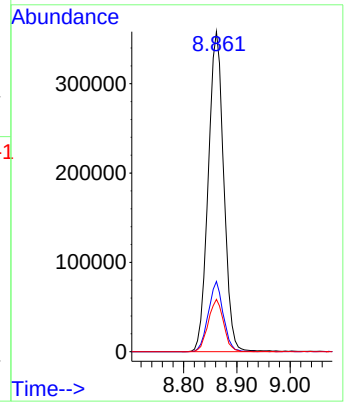


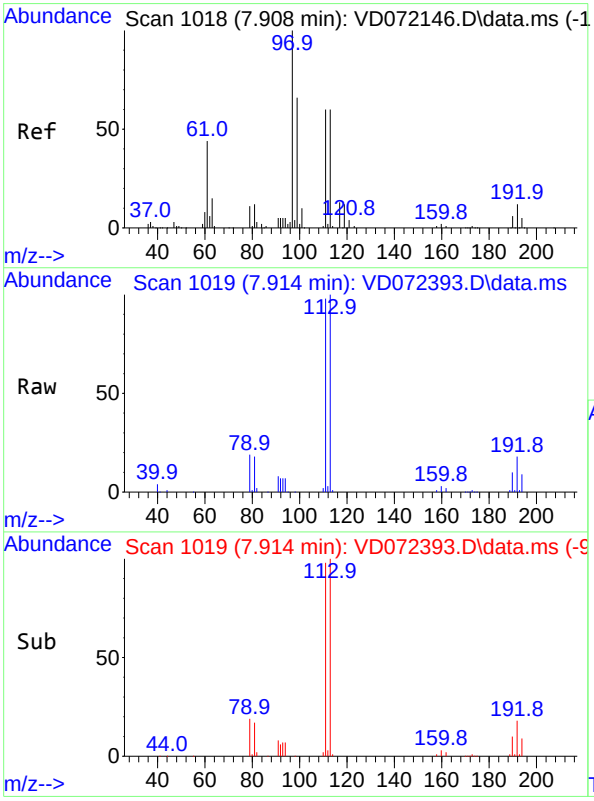
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 724926

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	46.6
88	16.4	0.0	33.2

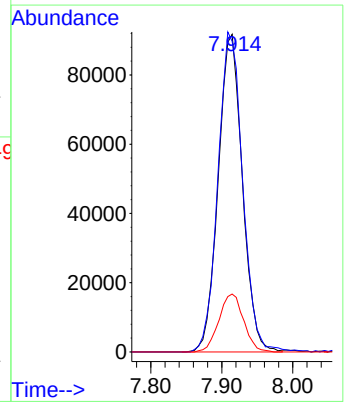


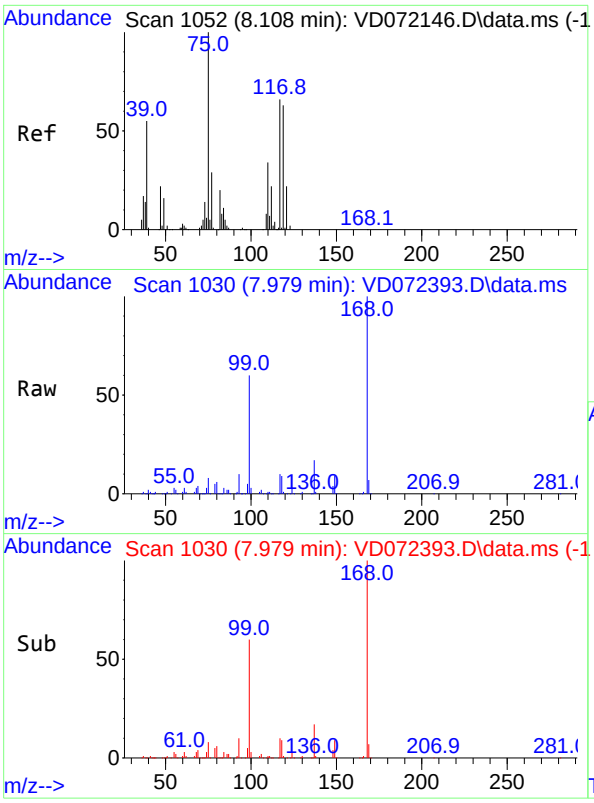


#35
Dibromofluoromethane
Concen: 42.381 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Tgt Ion:113 Resp: 216201

Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.8	125.6
192	18.7	14.6	21.8



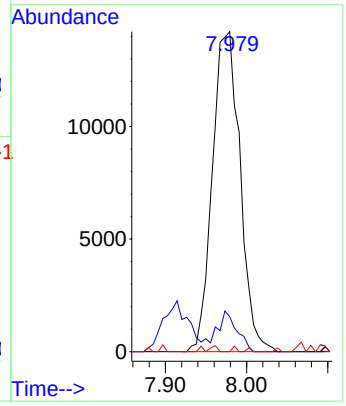


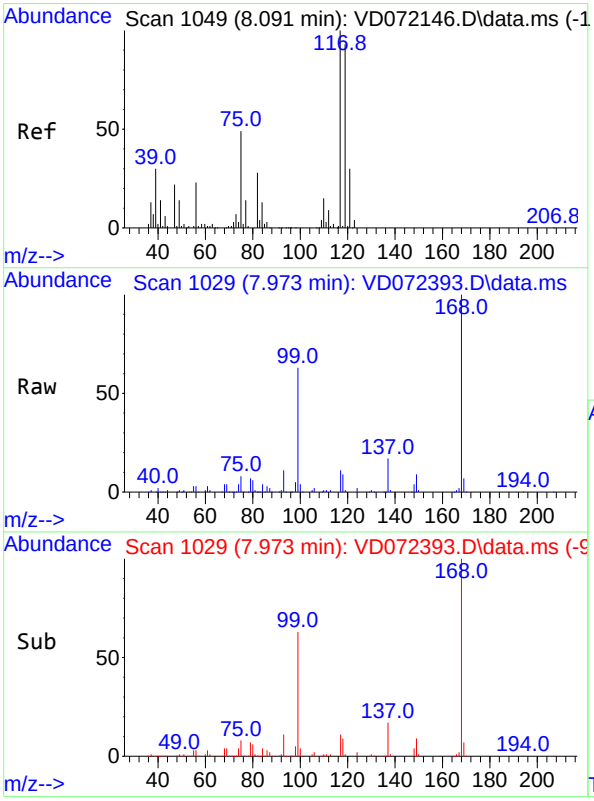
#36
1,1-Dichloropropene
Concen: 4.707 ug/l
RT: 7.979 min Scan# 1
Delta R.T. -0.129 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 33688

Ion	Ratio	Lower	Upper
75	100		
110	9.5	16.4	49.1#
77	0.0	24.2	36.2#

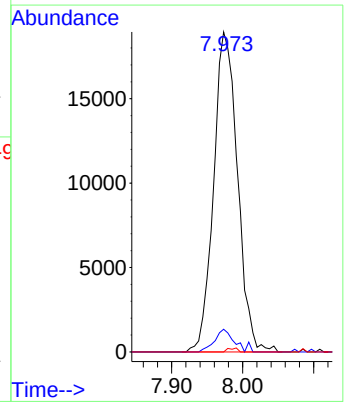


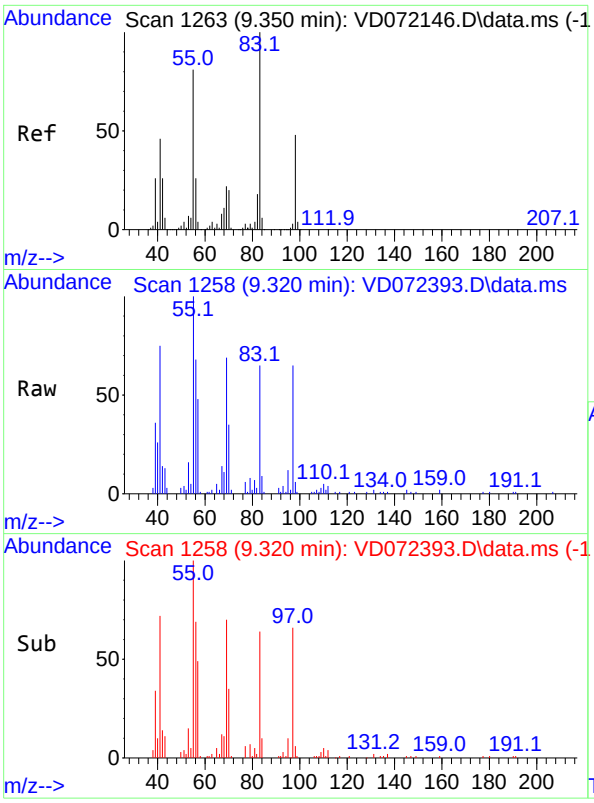


#38
Carbon Tetrachloride
Concen: 5.440 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Tgt Ion:117 Resp: 44250

Ion	Ratio	Lower	Upper
117	100		
119	7.1	75.8	113.6#
121	0.0	24.5	36.7#



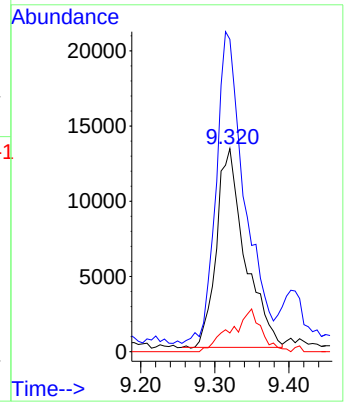


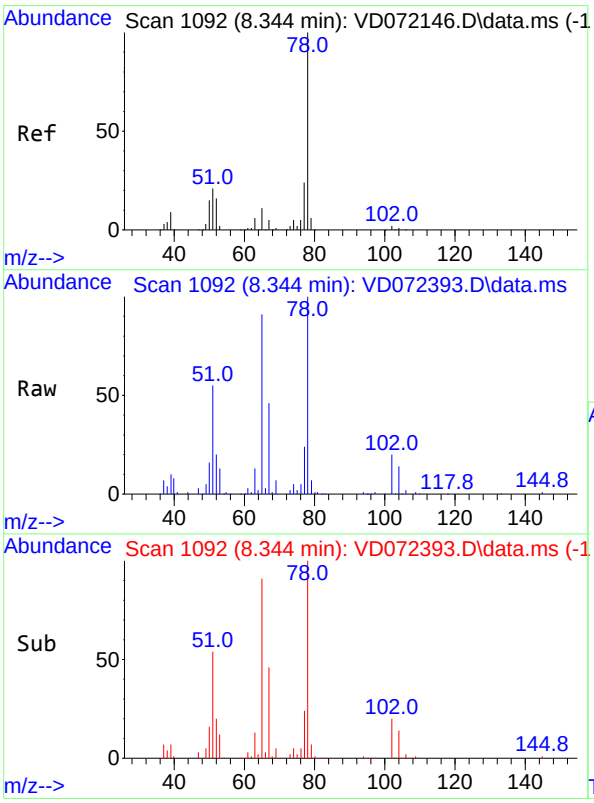
#39
Methylcyclohexane
Concen: 4.401 ug/l
RT: 9.320 min Scan# 1
Delta R.T. -0.029 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 35444

Ion	Ratio	Lower	Upper
83	100		
55	152.9	63.2	94.8#
98	9.4	38.2	57.4#

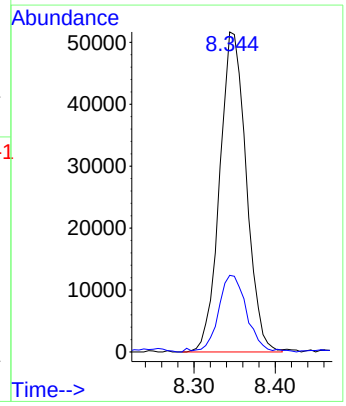


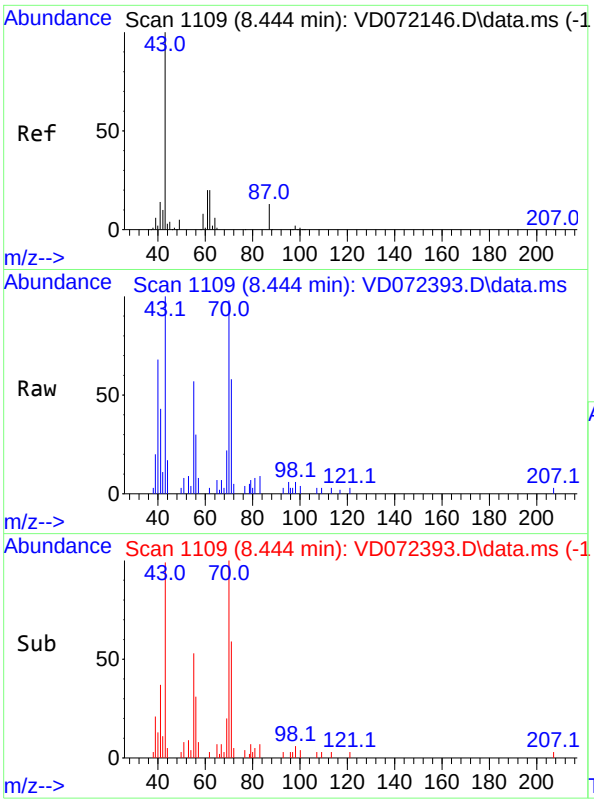


#40
Benzene
Concen: 5.755 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Tgt Ion: 78 Resp: 117500

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7



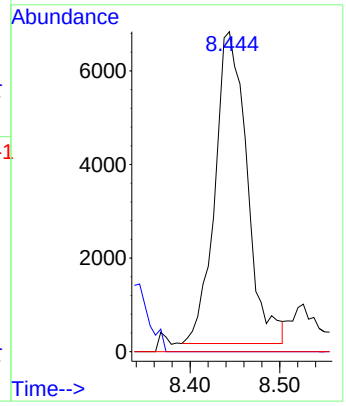


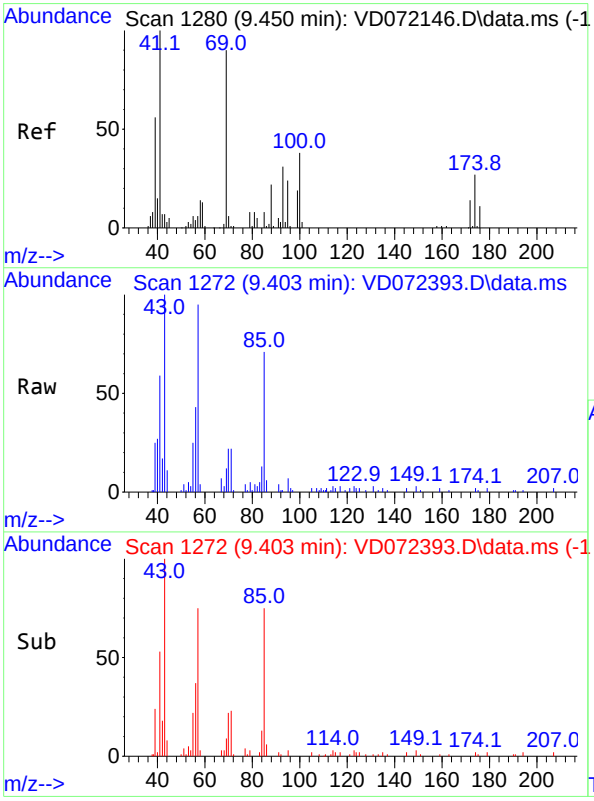
#43
Isopropyl Acetate
Concen: 2.717 ug/l
RT: 8.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 16533

Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.4	33.6#
87	0.0	8.7	13.1#

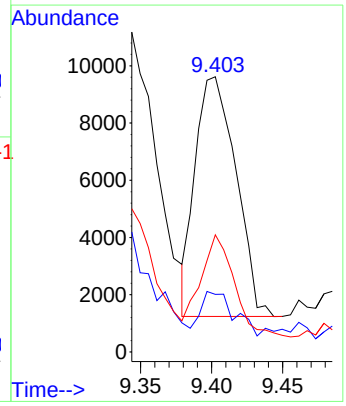


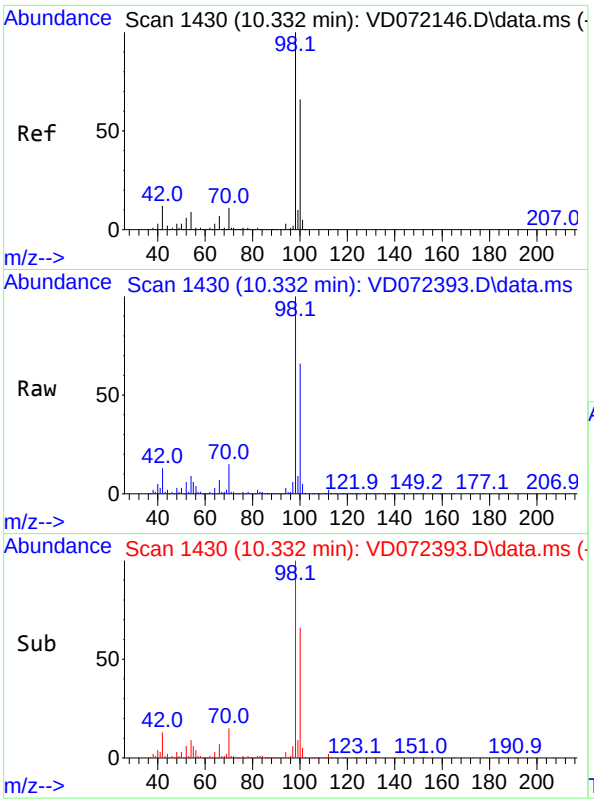


#48
Methyl methacrylate
Concen: 5.741 ug/l
RT: 9.403 min Scan# 1272
Delta R.T. -0.047 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Tgt Ion: 41 Resp: 16681

Ion	Ratio	Lower	Upper
41	100		
69	14.0	56.7	85.1#
39	39.8	42.7	64.1#



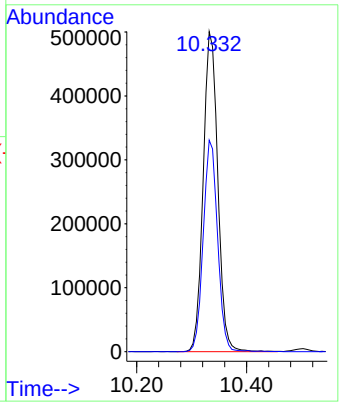


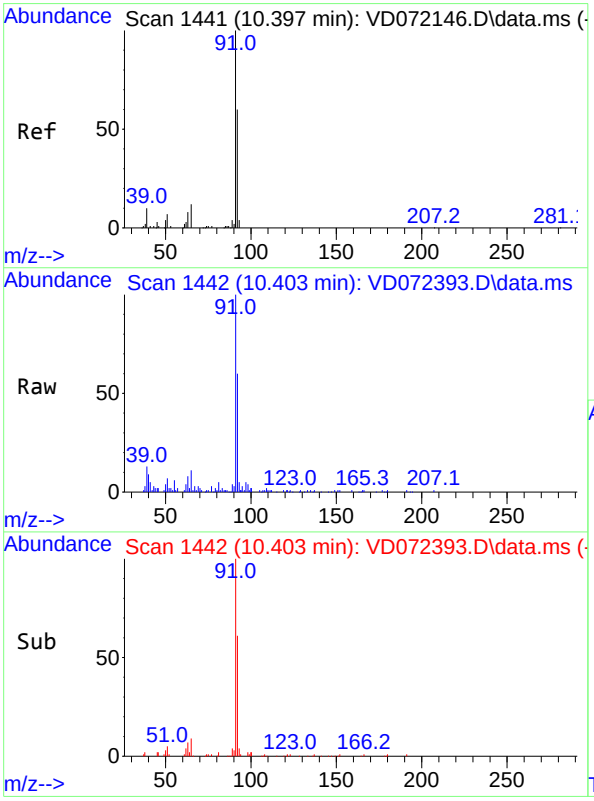
#50
Toluene-d8
Concen: 49.462 ug/l
RT: 10.332 min Scan# 14
Delta R.T. 0.000 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 922620

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.4	78.6

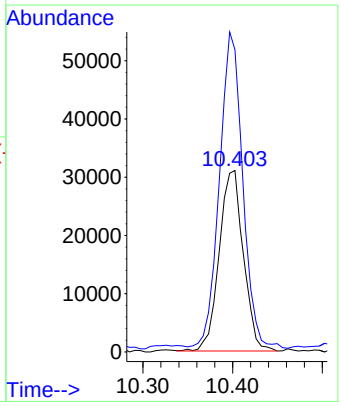


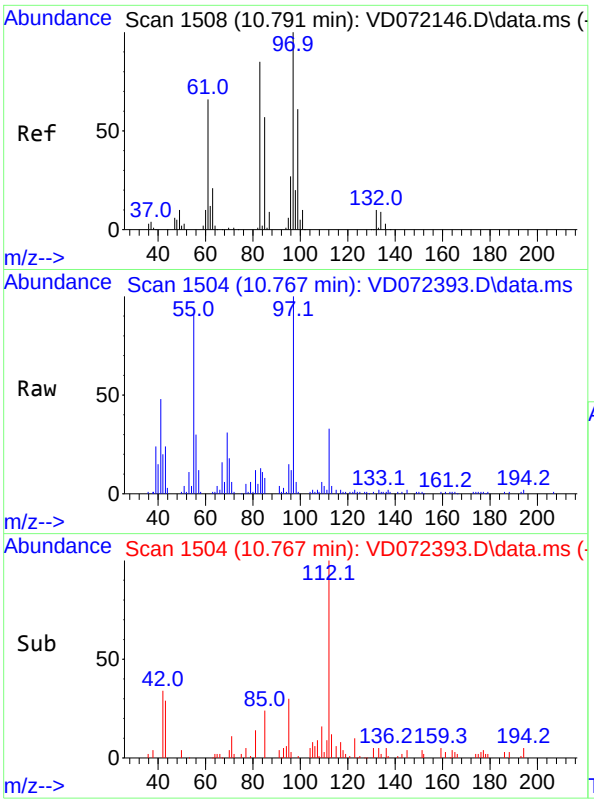


#52
Toluene
Concen: 4.311 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.006 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Tgt Ion: 92 Resp: 57912

Ion	Ratio	Lower	Upper
92	100		
91	169.0	139.6	209.4



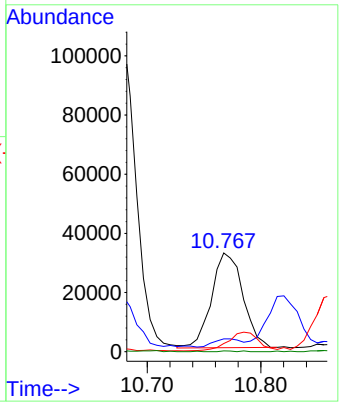


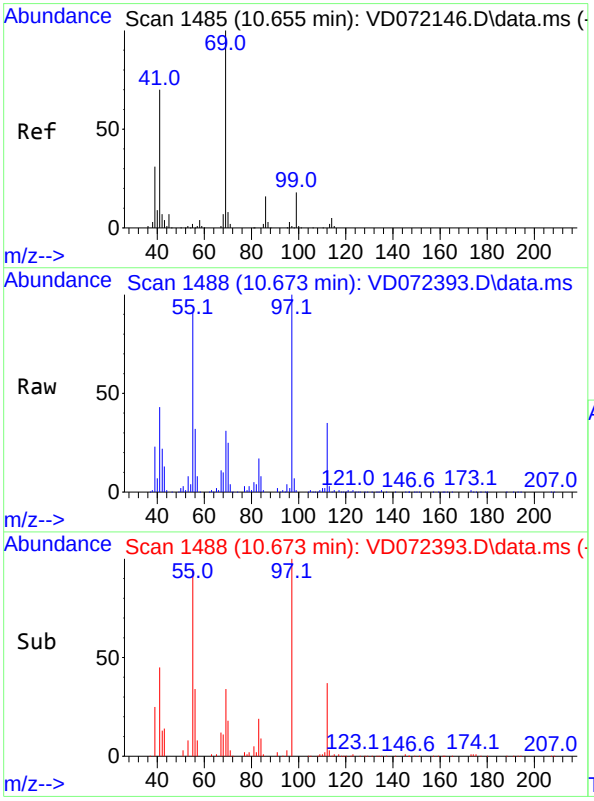
#55
1,1,2-Trichloroethane
Concen: 14.647 ug/l
RT: 10.767 min Scan# 1
Delta R.T. -0.023 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 97 Resp: 61456

Ion	Ratio	Lower	Upper
97	100		
83	8.2	69.0	103.4#
85	7.7	42.6	63.8#
99	0.9	51.7	77.5#

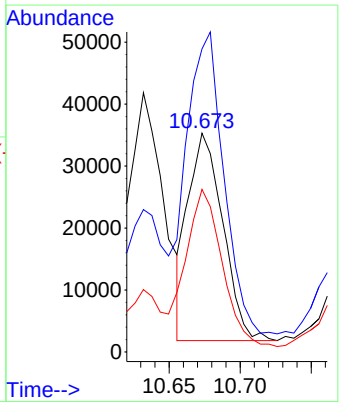


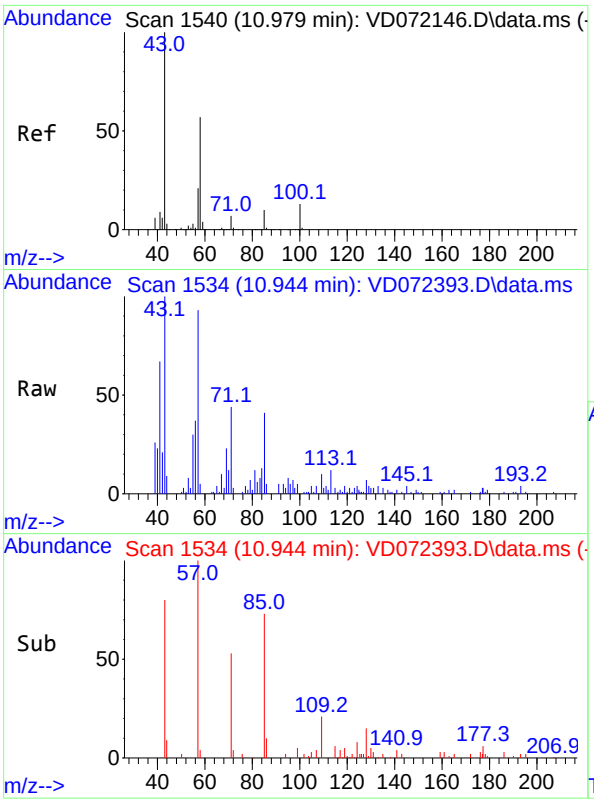


#56
Ethyl methacrylate
Concen: 11.617 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.018 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Tgt Ion: 69 Resp: 57091

Ion	Ratio	Lower	Upper
69	100		
41	156.5	63.0	94.6#
39	78.3	33.8	50.8#



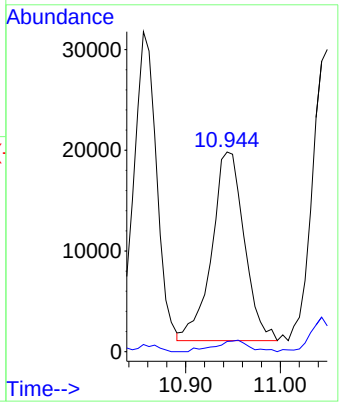


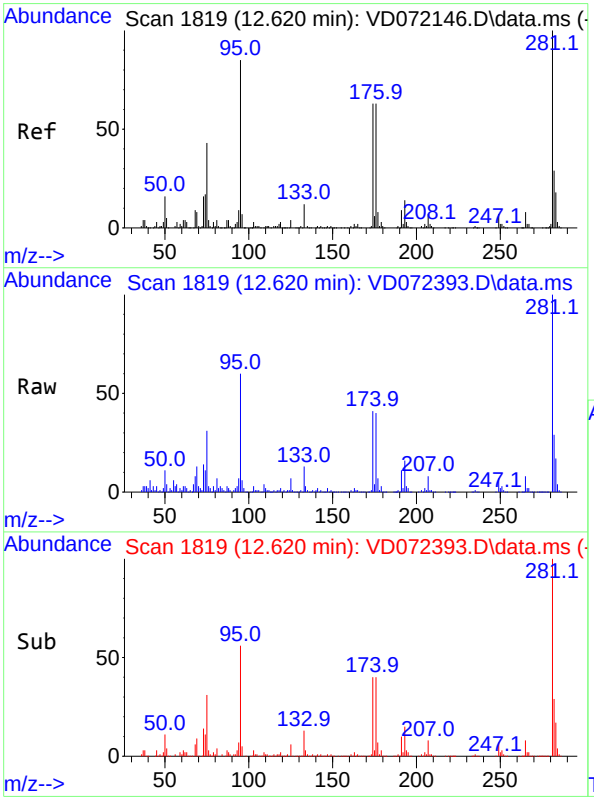
#59
2-Hexanone
Concen: 20.195 ug/l
RT: 10.944 min Scan# 1
Delta R.T. -0.035 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 44576

Ion	Ratio	Lower	Upper
43	100		
58	6.3	25.3	75.9#

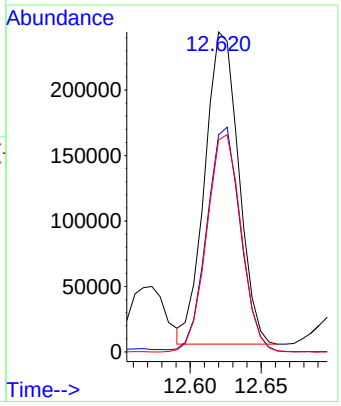


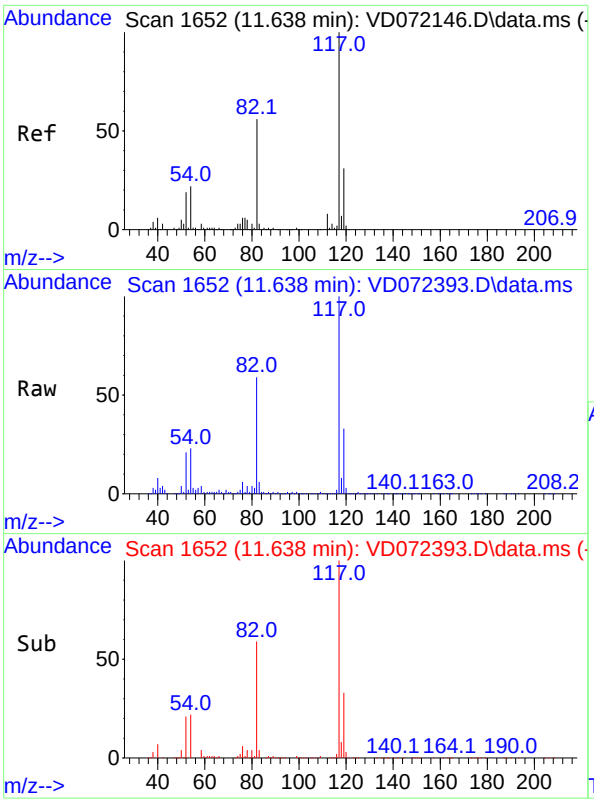


#62
4-Bromofluorobenzene
Concen: 54.487 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Tgt Ion: 95 Resp: 394913

Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	152.8
176	70.9	0.0	145.4



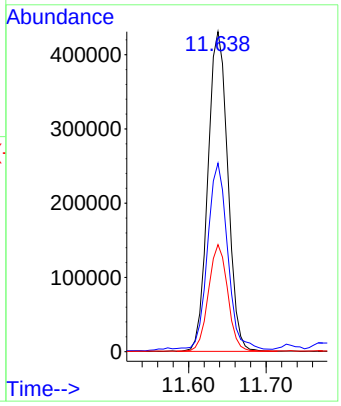


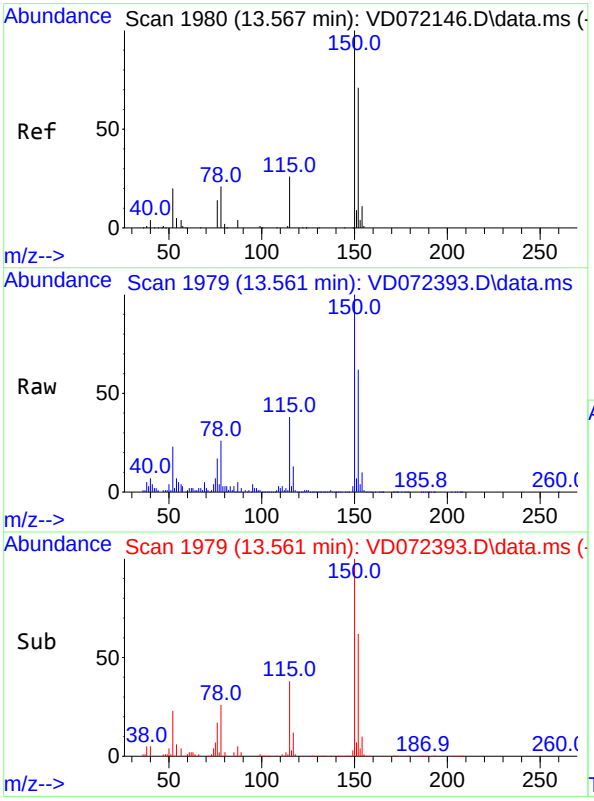
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 767793

Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.3	67.9
119	33.3	26.6	40.0

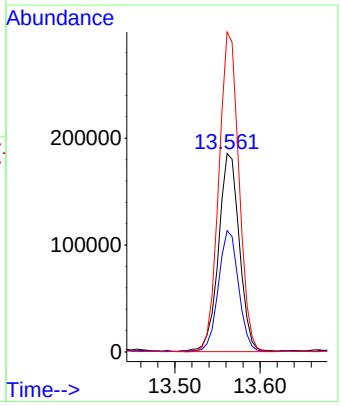


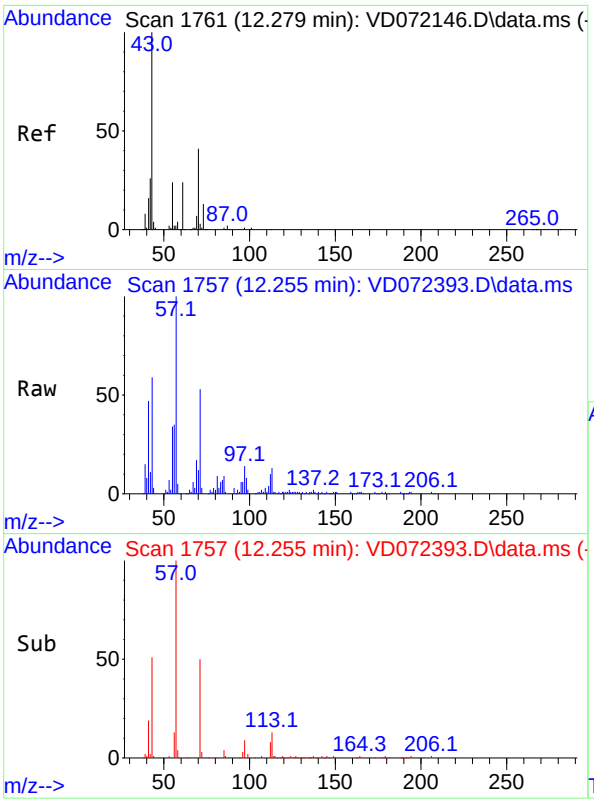


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Tgt Ion:152 Resp: 316025

Ion	Ratio	Lower	Upper
152	100		
115	58.7	31.3	93.8
150	155.3	0.0	348.6



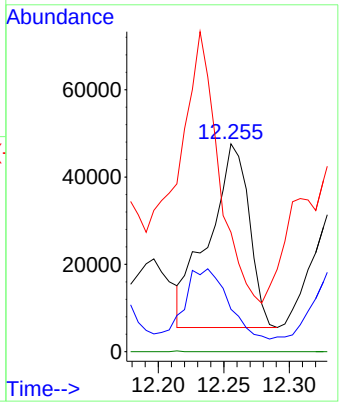


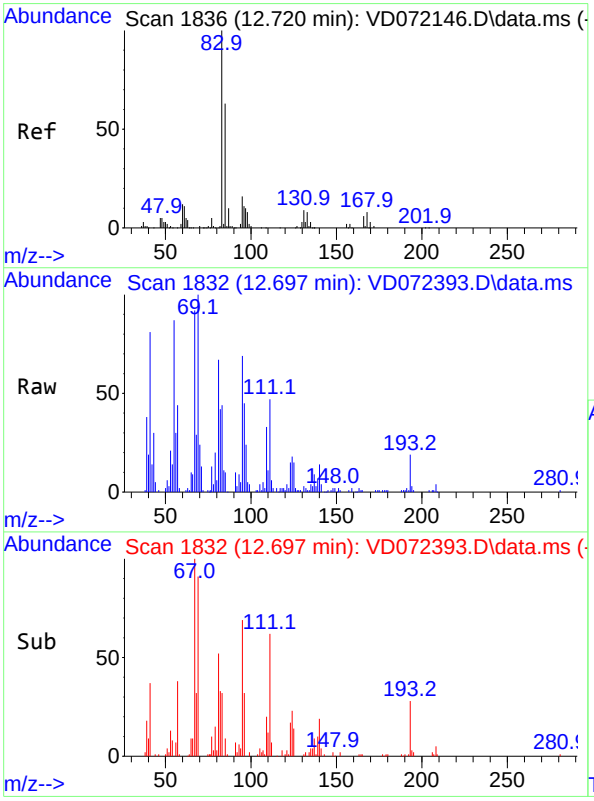
#74
N-amyl acetate
Concen: 16.698 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.023 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 89866

Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.3	46.9#
55	0.0	20.0	30.0#
61	0.0	17.8	26.8#

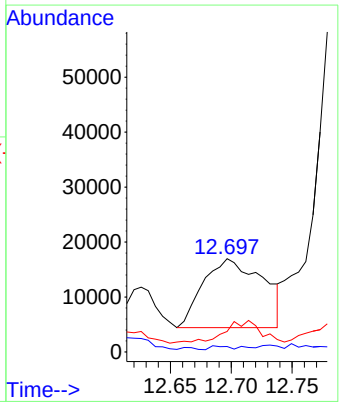


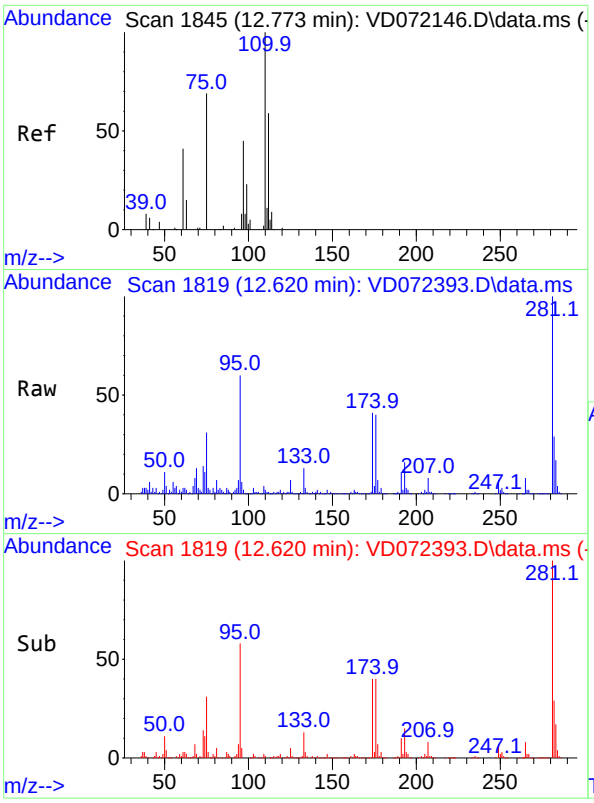


#75
1,1,2,2-Tetrachloroethane
Concen: 9.596 ug/l
RT: 12.697 min Scan# 1832
Delta R.T. -0.023 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Tgt Ion: 83 Resp: 42978

Ion	Ratio	Lower	Upper
83	100		
131	1.6	5.0	14.9#
85	0.0	32.6	98.0#



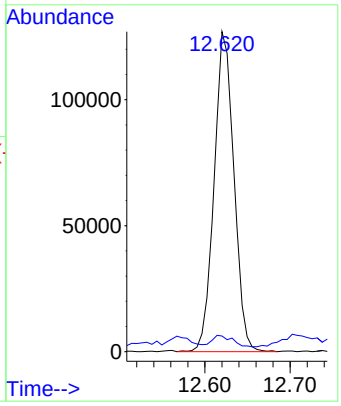


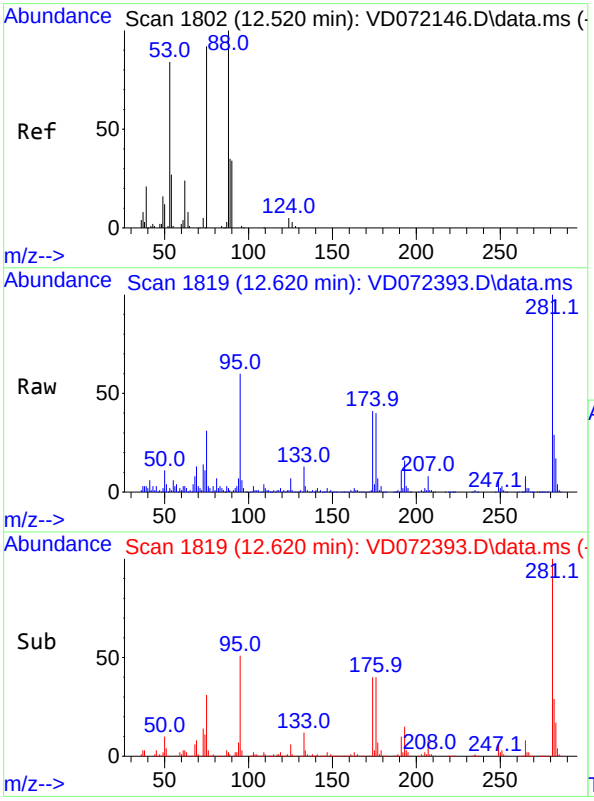
#76
1,2,3-Trichloropropane
Concen: 58.868 ug/l
RT: 12.620 min Scan# 1
Delta R.T. -0.153 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 205217

Ion	Ratio	Lower	Upper
75	100		
77	3.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 146.058 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Tgt Ion: 75 Resp: 205217

Ion	Ratio	Lower	Upper
75	100		
53	4.7	86.5	129.7#
89	2.9	33.9	50.9#