Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070822\
Data File : VY009487.D
Acq On : 08 Jul 2022 16:59
Operator : KP/MD
Sample : N3595-07
Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20220489A-7A

Quant Time: Jul 11 02:15:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 08 11:00:56 2022
Response via : Initial Calibration

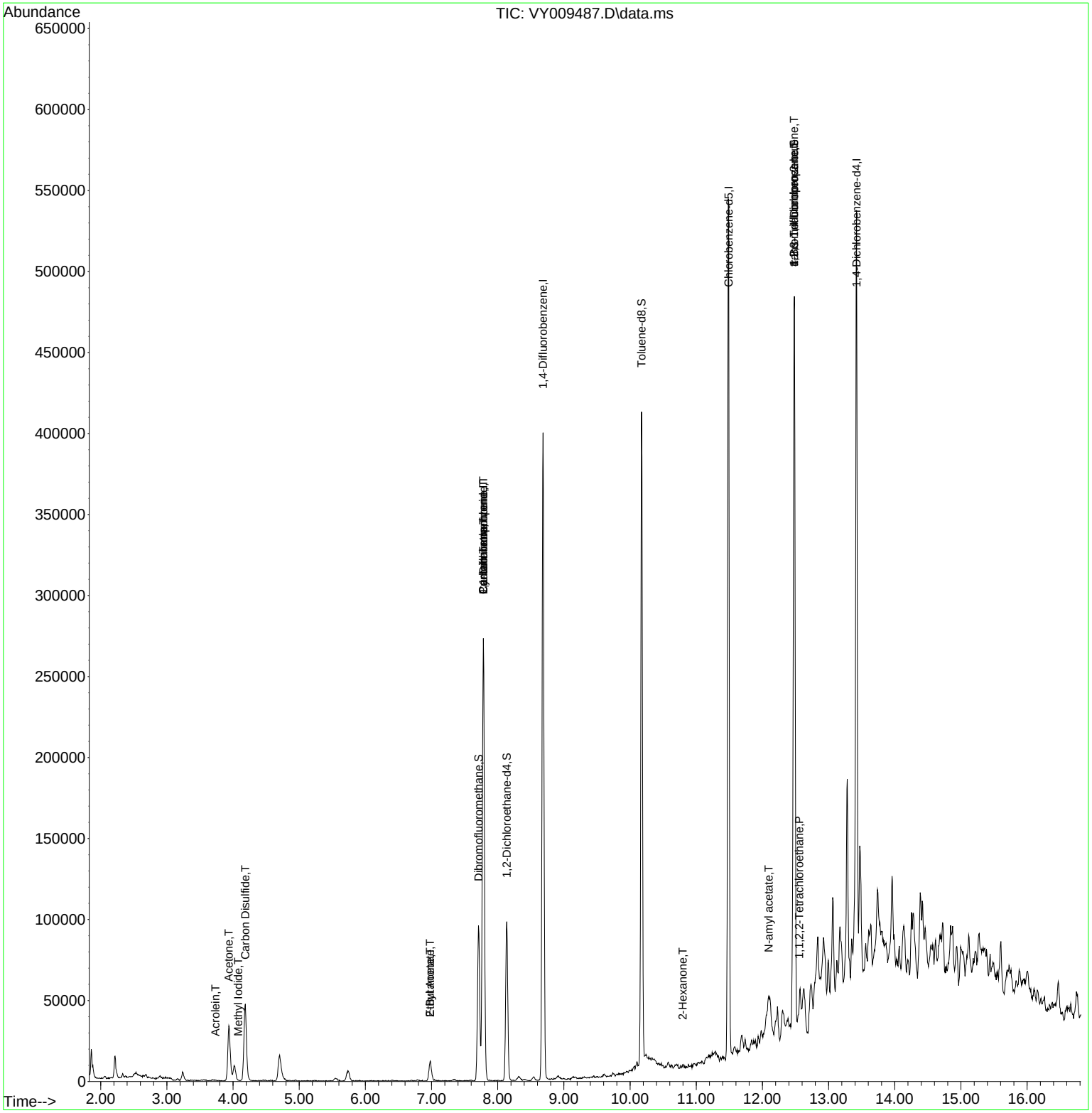
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	214313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	343148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	292007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	120043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	74712	49.413	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.820%			
35) Dibromofluoromethane	7.710	113	65157	36.087	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 72.180%			
50) Toluene-d8	10.173	98	261696	53.419	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 106.840%			
62) 4-Bromofluorobenzene	12.477	95	87304	34.255	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 68.500%			
Target Compounds						Qvalue
10) Methyl Iodide	4.076	142	247	4.251	ug/l #	35
11) Tert butyl alcohol	4.936	59	592	Below Cal		98
13) Acrolein	3.735	56	587	33.281	ug/l #	14
16) Acetone	3.936	43	57412	110.122	ug/l	91
17) Carbon Disulfide	4.186	76	93069	18.983	ug/l	99
20) Methylene Chloride	4.704	84	11160	Below Cal		97
23) Vinyl Acetate	5.887	43	25	Below Cal #		75
25) 2-Butanone	6.978	43	19546	23.176	ug/l	94
31) Cyclohexane	7.783	56	4480	1.274	ug/l #	2
36) 1,1-Dichloropropene	7.783	75	16141	5.491	ug/l #	52
37) Ethyl Acetate	6.978	43	19546	10.608	ug/l #	72
38) Carbon Tetrachloride	7.783	117	21550	6.855	ug/l #	15
59) 2-Hexanone	10.795	43	1298	1.036	ug/l #	28
74) N-amyl acetate	12.093	43	5447	2.332	ug/l #	9
75) 1,1,2,2-Tetrachloroethane	12.556	83	2177	1.324	ug/l #	32
76) 1,2,3-Trichloropropane	12.477	75	47649	37.497	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	47649	76.742	ug/l #	10

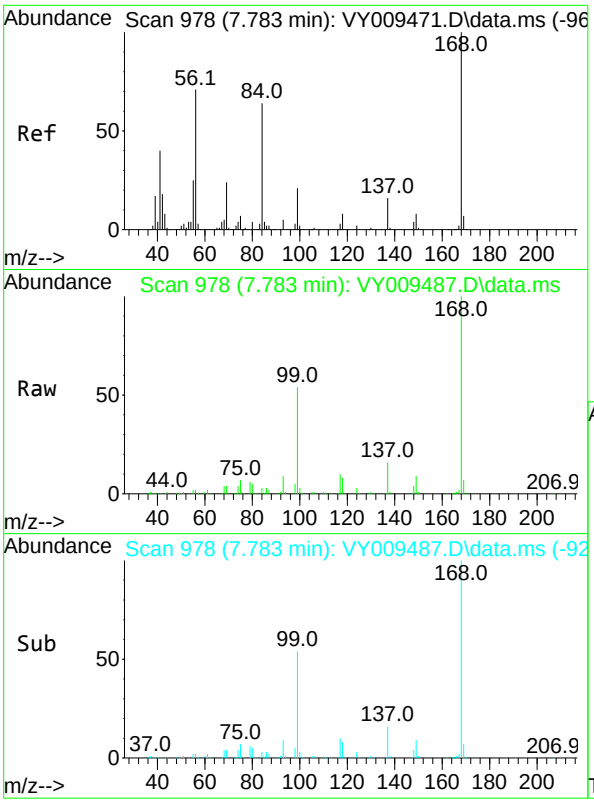
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070822\
Data File : VY009487.D
Acq On : 08 Jul 2022 16:59
Operator : KP/MD
Sample : N3595-07
Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20220489A-7A

Quant Time: Jul 11 02:15:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 08 11:00:56 2022
Response via : Initial Calibration



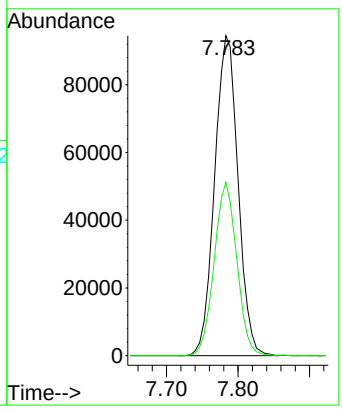


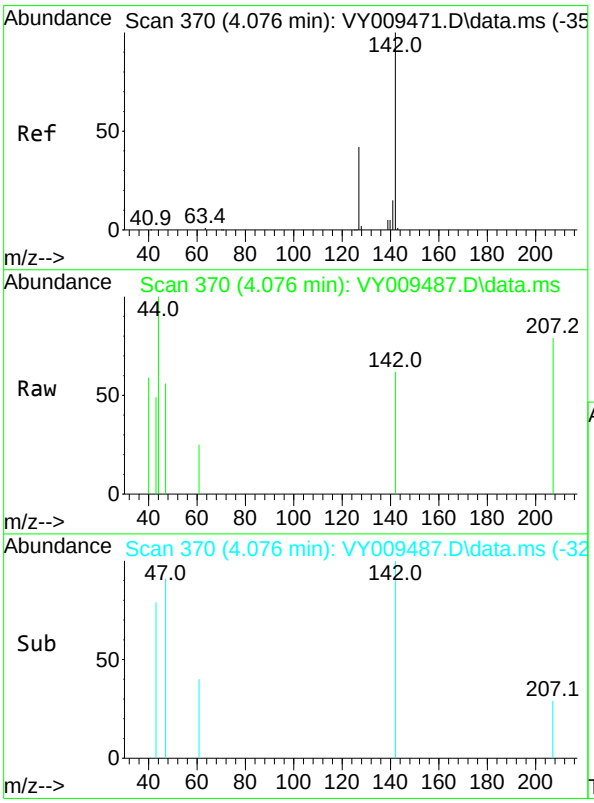
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Instrument :
MSVOA_Y
ClientSampleId :
20220489A-7A

Tgt Ion:168 Resp: 214313

Ion	Ratio	Lower	Upper
168	100		
99	54.2	46.9	70.3

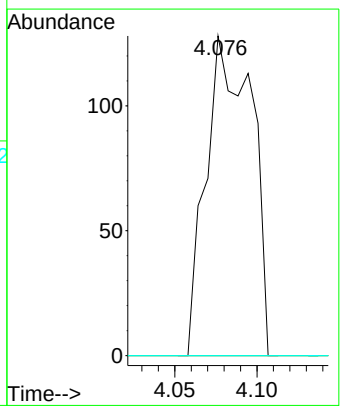


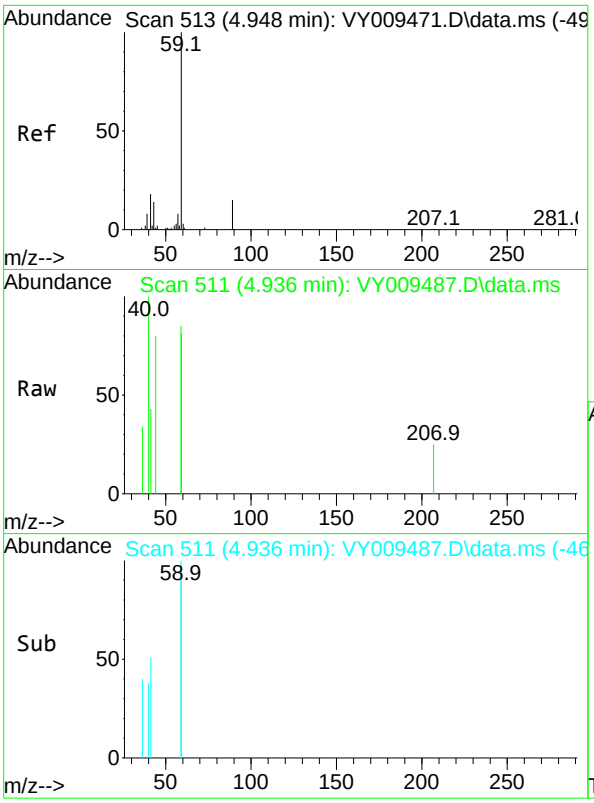


#10
Methyl Iodide
Concen: 4.251 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Tgt Ion:142 Resp: 247

Ion	Ratio	Lower	Upper
142	100		
127	0.0	41.5	62.3#
141	0.0	11.9	17.9#



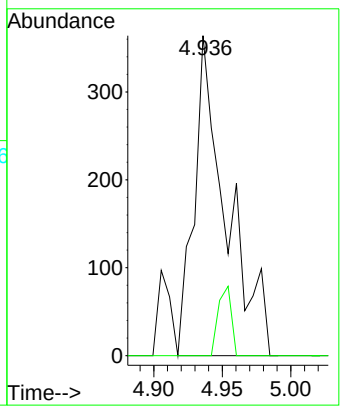


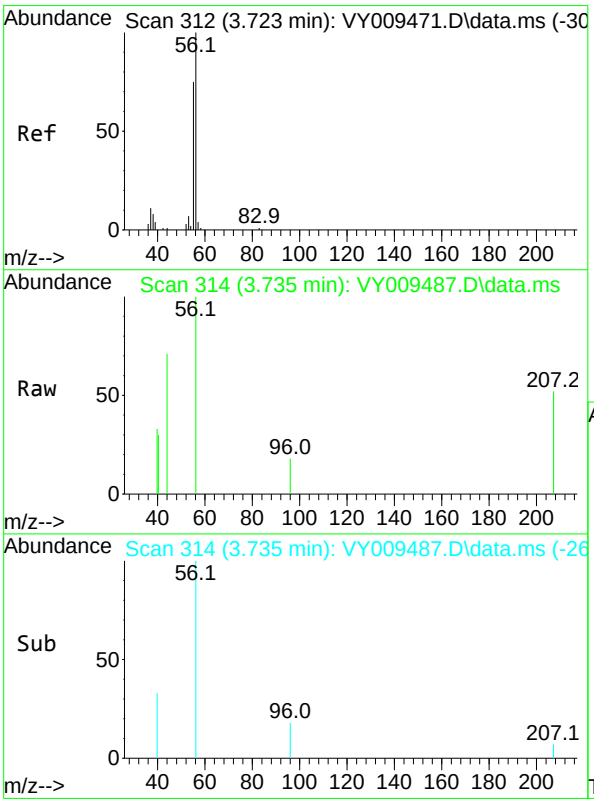
#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Instrument :
MSVOA_Y
ClientSampleId :
20220489A-7A

Tgt Ion: 59 Resp: 592

Ion	Ratio	Lower	Upper
59	100		
57	8.8	6.4	9.6

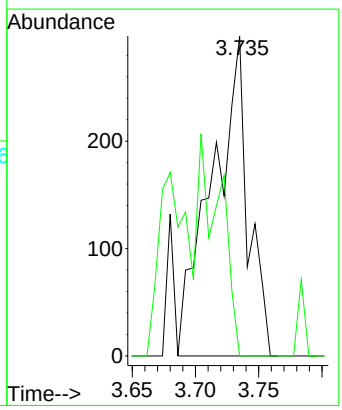


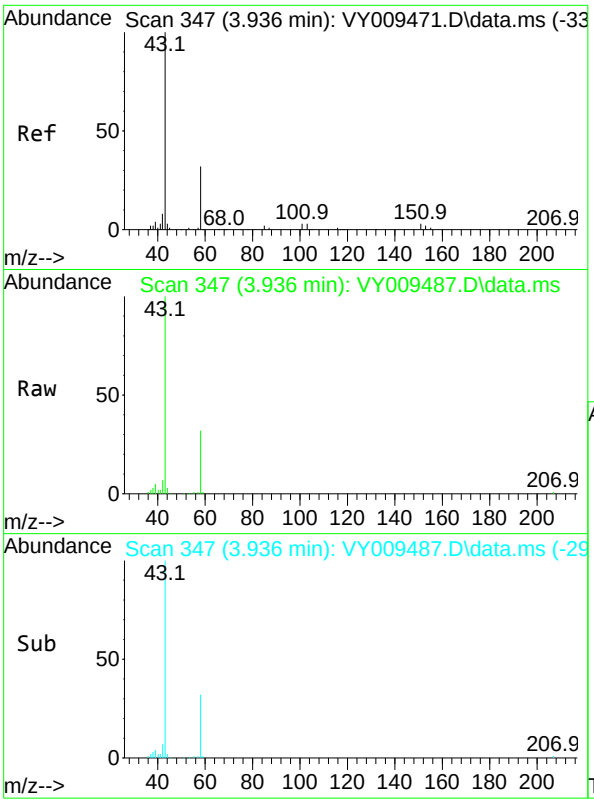


#13
Acrolein
Concen: 33.281 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.012 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Tgt Ion: 56 Resp: 587

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.6	86.4#



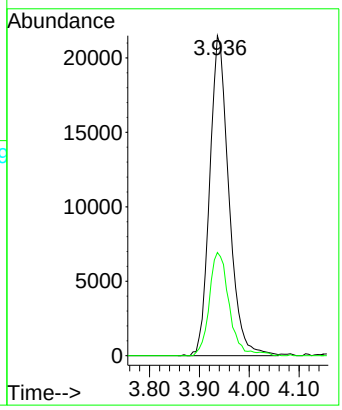


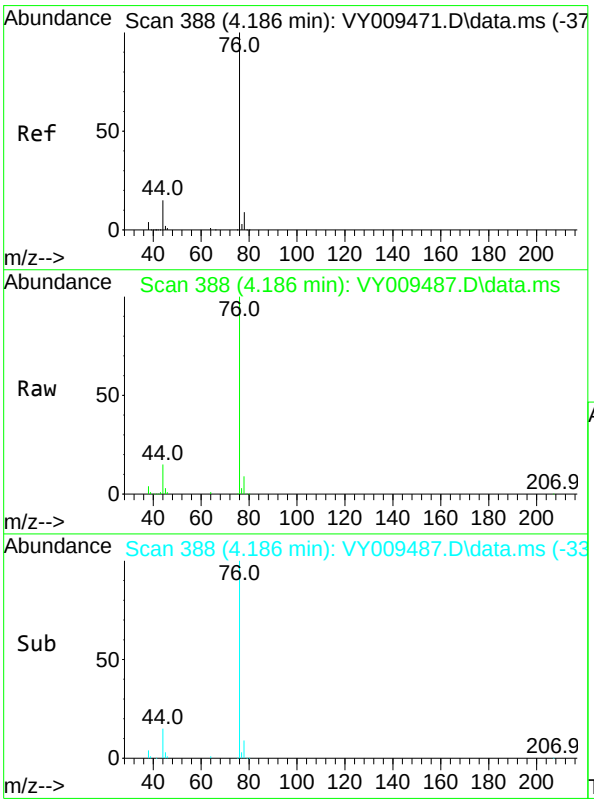
#16
Acetone
Concen: 110.122 ug/l
RT: 3.936 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Instrument :
MSVOA_Y
ClientSampleId :
20220489A-7A

Tgt Ion: 43 Resp: 57412

Ion	Ratio	Lower	Upper
43	100		
58	32.2	22.0	33.0

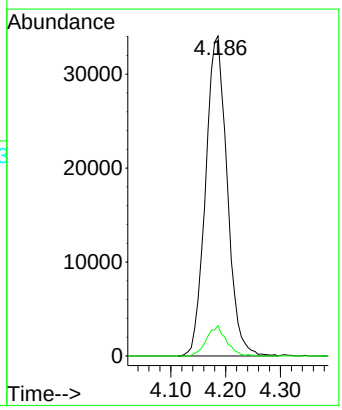


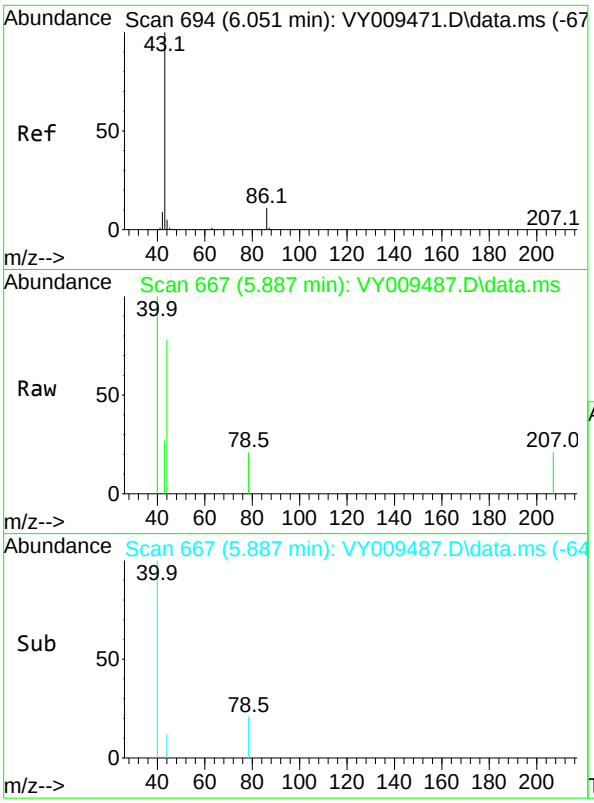


#17
Carbon Disulfide
Concen: 18.983 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Tgt Ion: 76 Resp: 93069

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.0



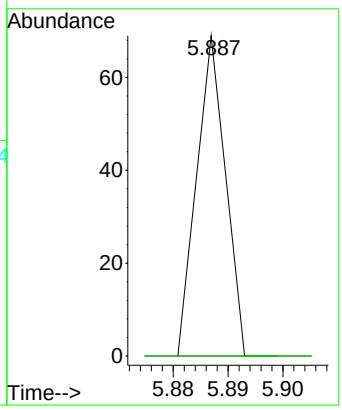


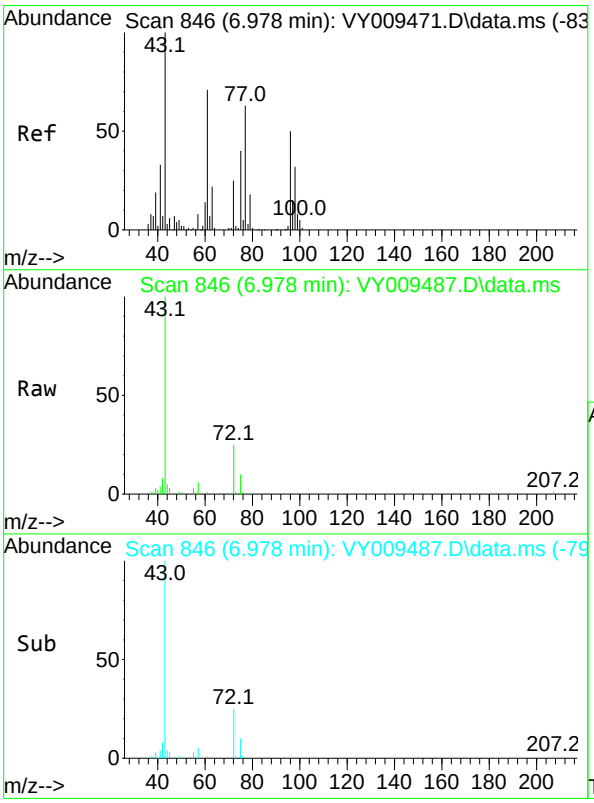
#23
Vinyl Acetate
Concen: Below Cal
RT: 5.887 min Scan# 6
Delta R.T. -0.164 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Instrument :
MSVOA_Y
ClientSampleId :
20220489A-7A

Tgt Ion: 43 Resp: 25

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#

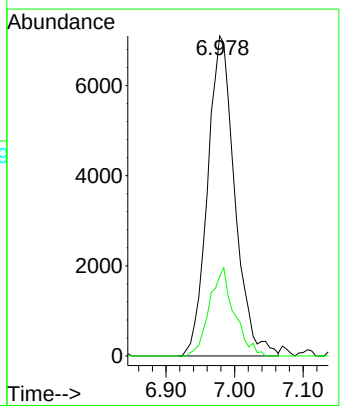


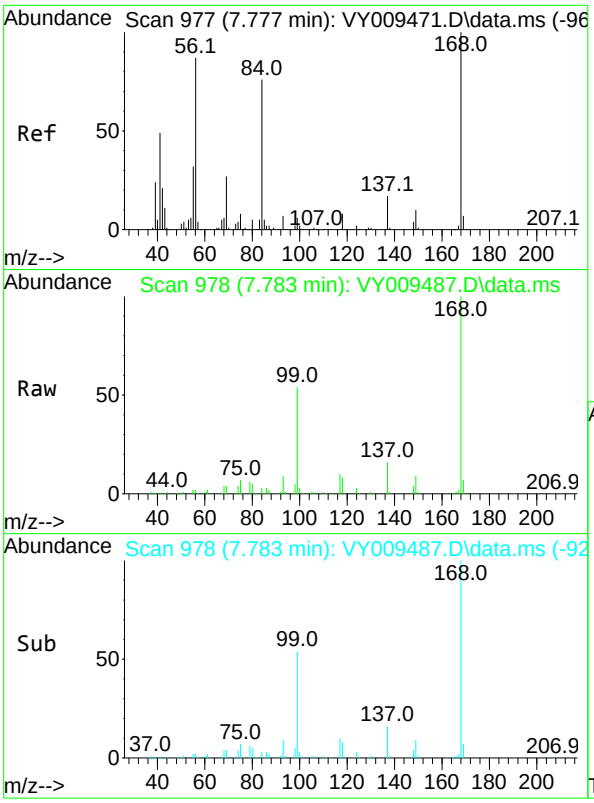


#25
2-Butanone
Concen: 23.176 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Tgt Ion: 43 Resp: 19546

Ion	Ratio	Lower	Upper
43	100		
72	24.9	17.7	26.5



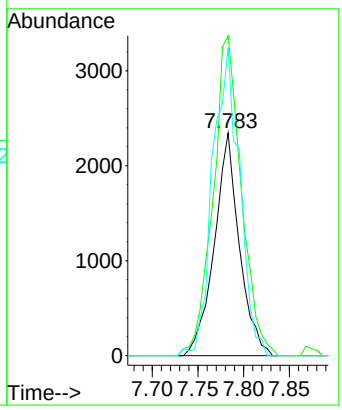


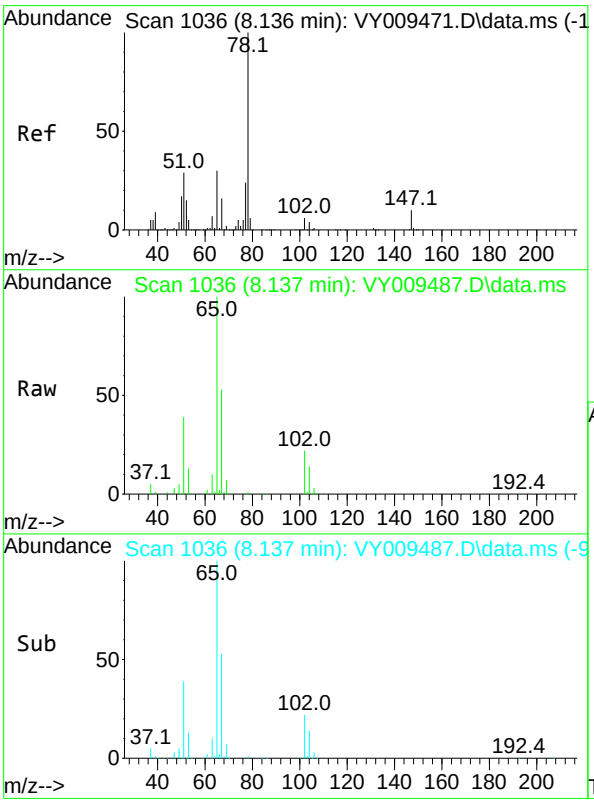
#31
Cyclohexane
Concen: 1.274 ug/l
RT: 7.783 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Instrument :
MSVOA_Y
ClientSampleId :
20220489A-7A

Tgt Ion: 56 Resp: 4480

Ion	Ratio	Lower	Upper
56	100		
69	143.7	26.7	40.1#
84	138.3	67.2	100.8#

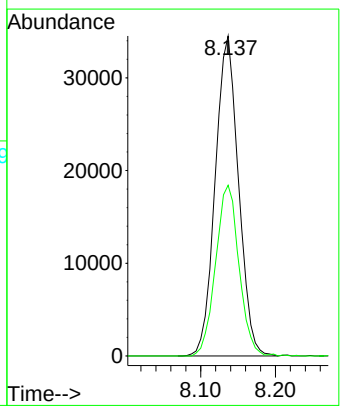


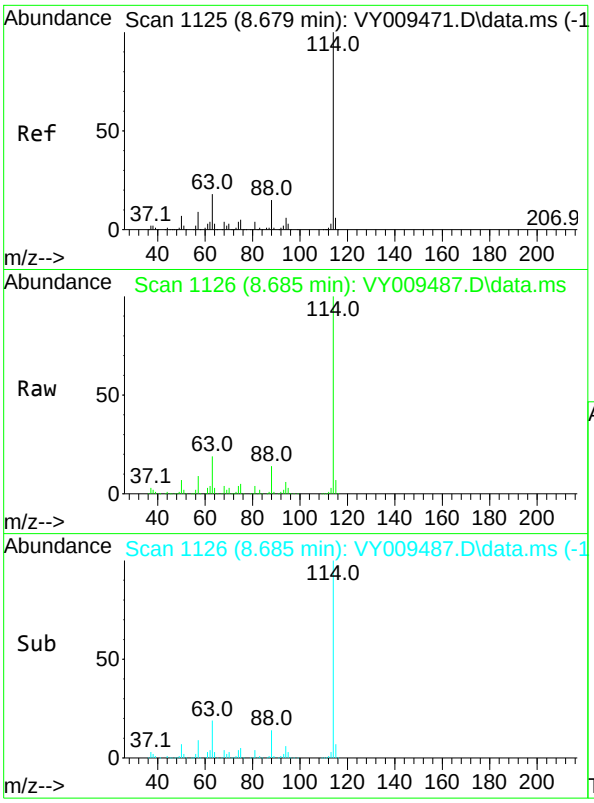


#33
1,2-Dichloroethane-d4
Concen: 49.413 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Tgt Ion: 65 Resp: 74712

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	99.4



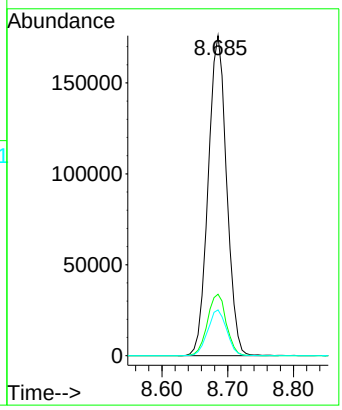


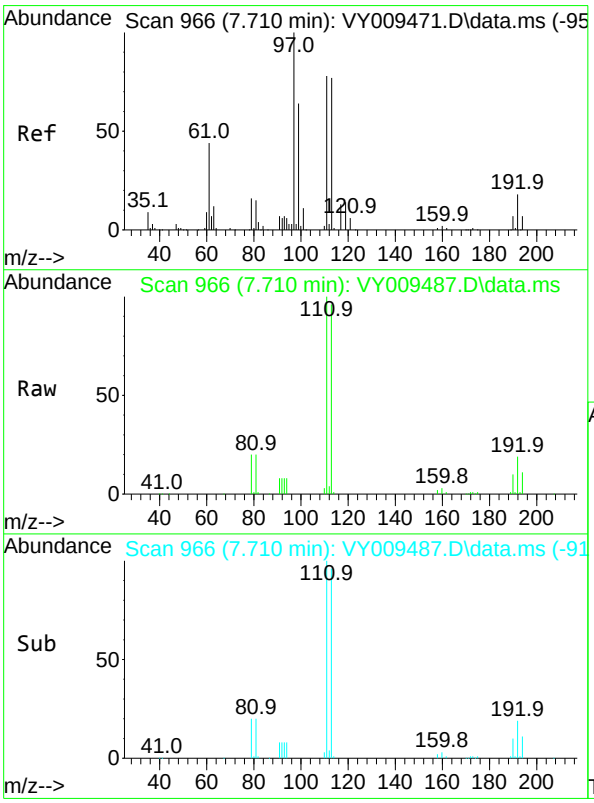
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Instrument :
MSVOA_Y
ClientSampleId :
20220489A-7A

Tgt Ion:114 Resp: 343148

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	43.2
88	14.3	0.0	31.8

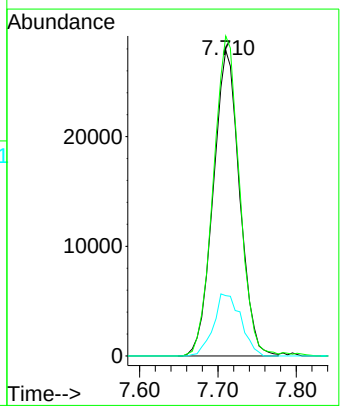


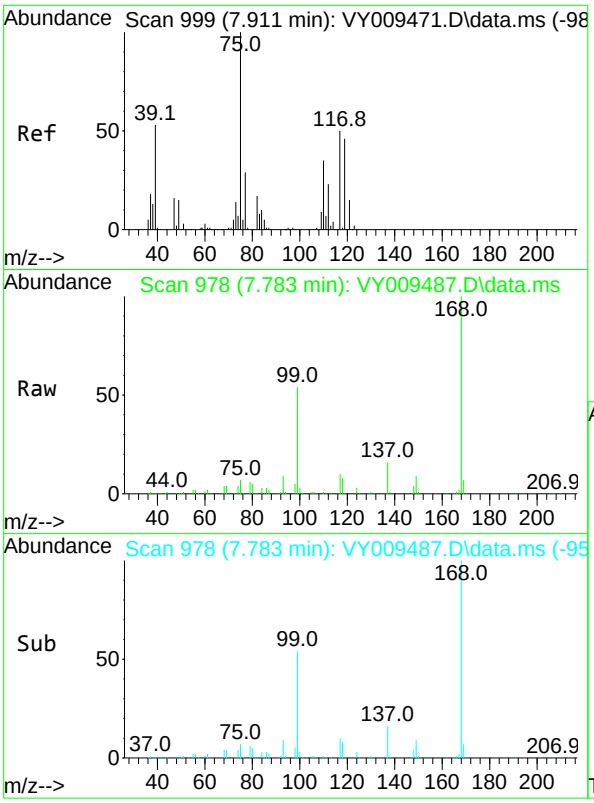


#35
Dibromofluoromethane
Concen: 36.087 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Tgt Ion:113 Resp: 65157

Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.6	124.0
192	21.0	17.6	26.4



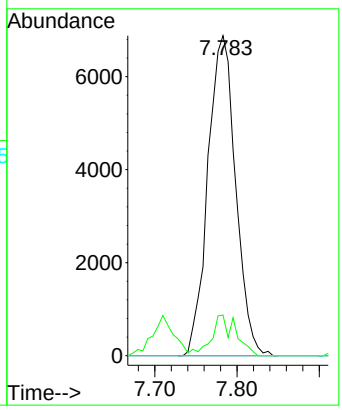


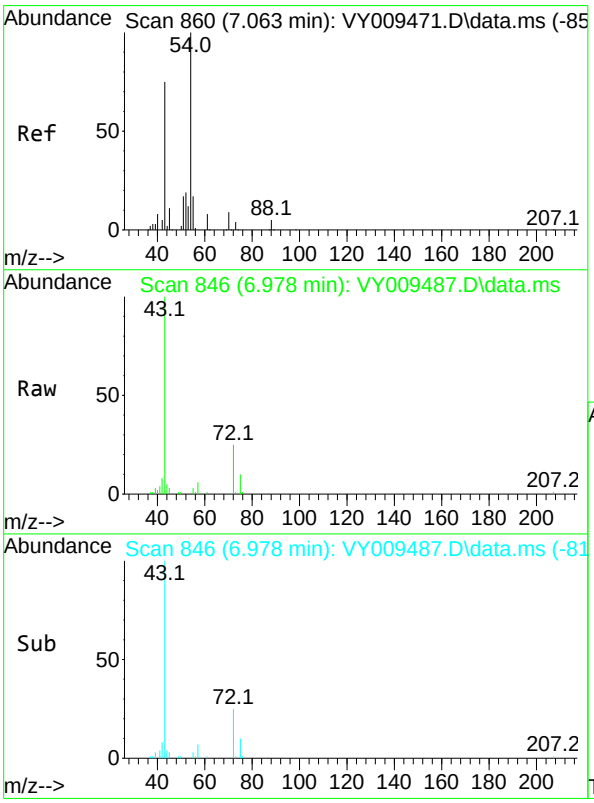
#36
1,1-Dichloropropene
Concen: 5.491 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.128 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Instrument :
MSVOA_Y
ClientSampleId :
20220489A-7A

Tgt Ion: 75 Resp: 16141

Ion	Ratio	Lower	Upper
75	100		
110	10.6	17.1	51.2#
77	0.0	24.4	36.6#

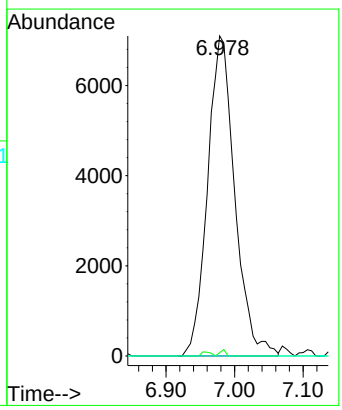


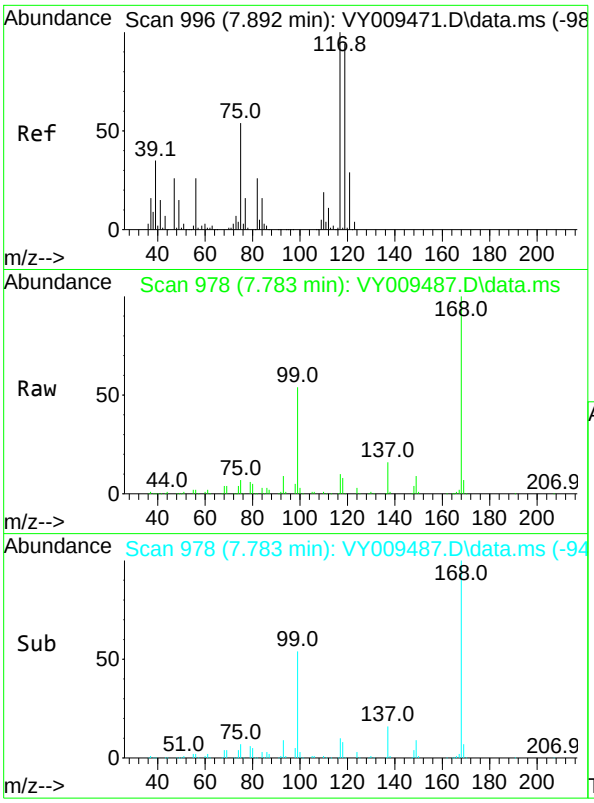


#37
Ethyl Acetate
Concen: 10.608 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.085 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Tgt Ion: 43 Resp: 19546

Ion	Ratio	Lower	Upper
43	100		
61	0.4	9.7	14.5#
70	0.0	7.1	10.7#



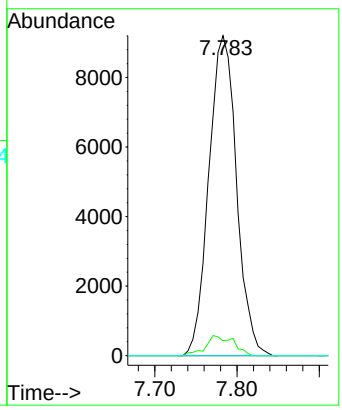


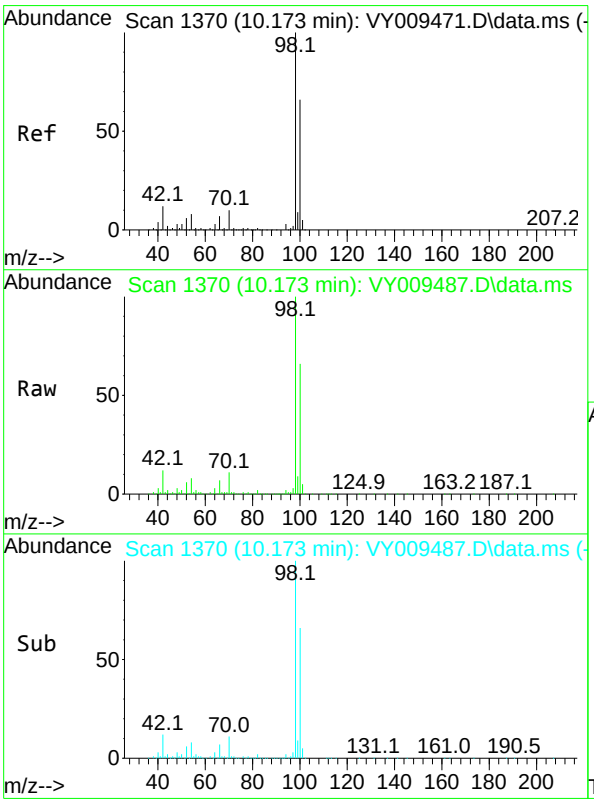
#38
Carbon Tetrachloride
Concen: 6.855 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.109 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Instrument :
MSVOA_Y
ClientSampleId :
20220489A-7A

Tgt Ion:117 Resp: 21550

Ion	Ratio	Lower	Upper
117	100		
119	4.7	77.9	116.9#
121	0.0	24.8	37.2#

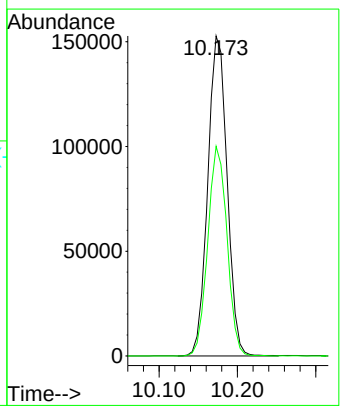


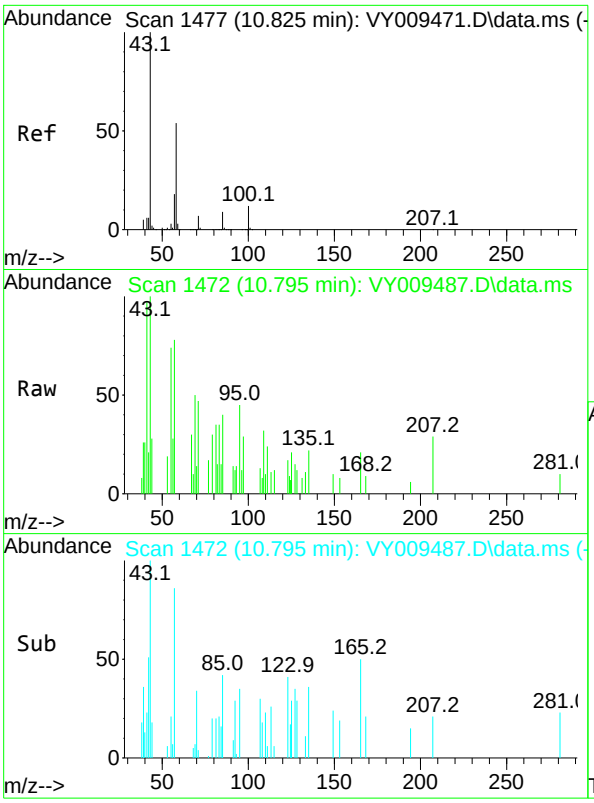


#50
Toluene-d8
Concen: 53.419 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Tgt Ion: 98 Resp: 261696

Ion	Ratio	Lower	Upper
98	100		
100	65.2	50.2	75.2



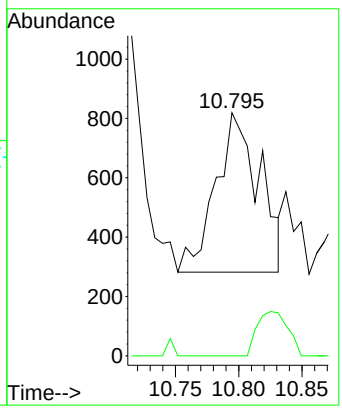


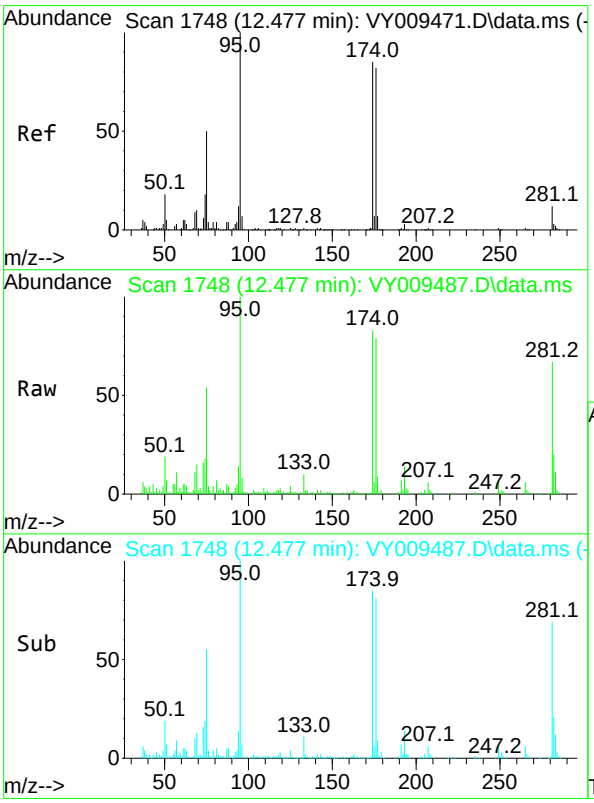
#59
2-Hexanone
Concen: 1.036 ug/l
RT: 10.795 min Scan# 14
Delta R.T. -0.030 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Instrument :
MSVOA_Y
ClientSampleId :
20220489A-7A

Tgt Ion: 43 Resp: 1298

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.4	73.4#

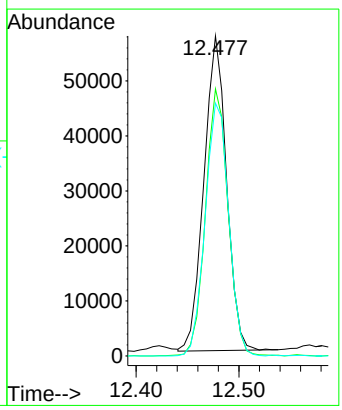


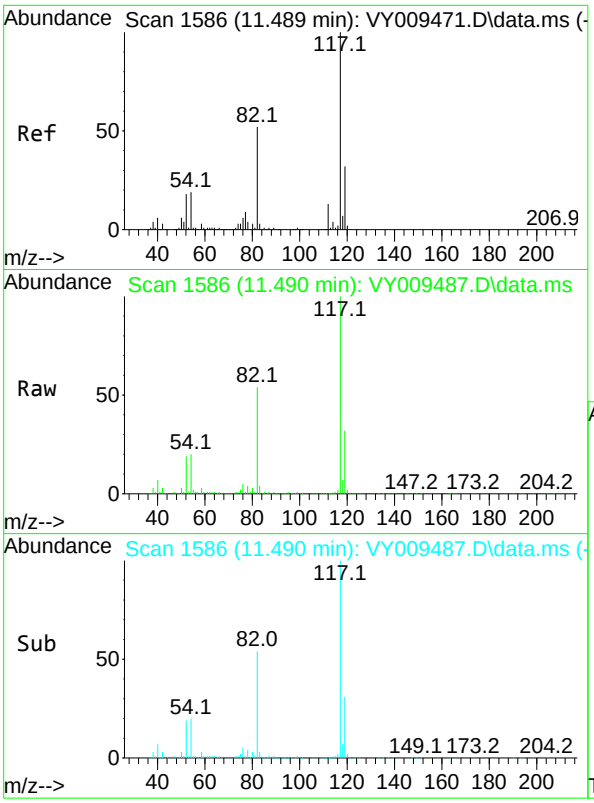


#62
4-Bromofluorobenzene
Concen: 34.255 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Tgt Ion: 95 Resp: 87304

Ion	Ratio	Lower	Upper
95	100		
174	85.1	0.0	177.0
176	83.6	0.0	175.8



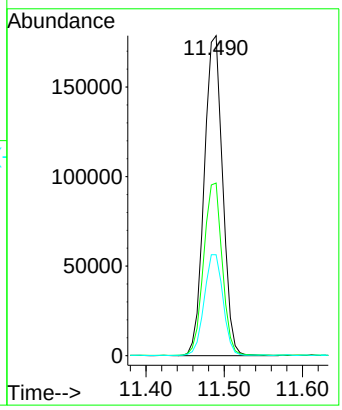


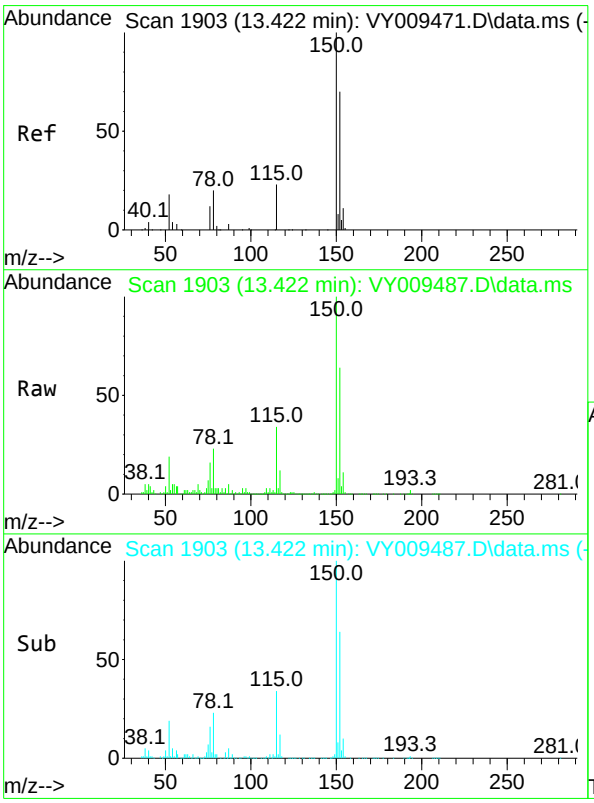
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Instrument :
MSVOA_Y
ClientSampleId :
20220489A-7A

Tgt Ion:117 Resp: 292007

Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.0	64.4
119	31.5	25.4	38.0

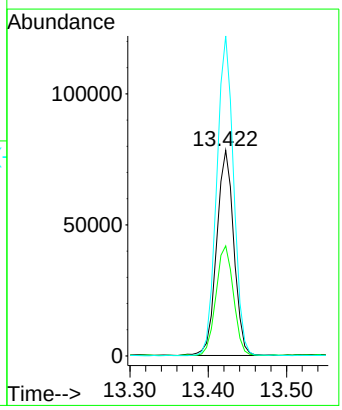


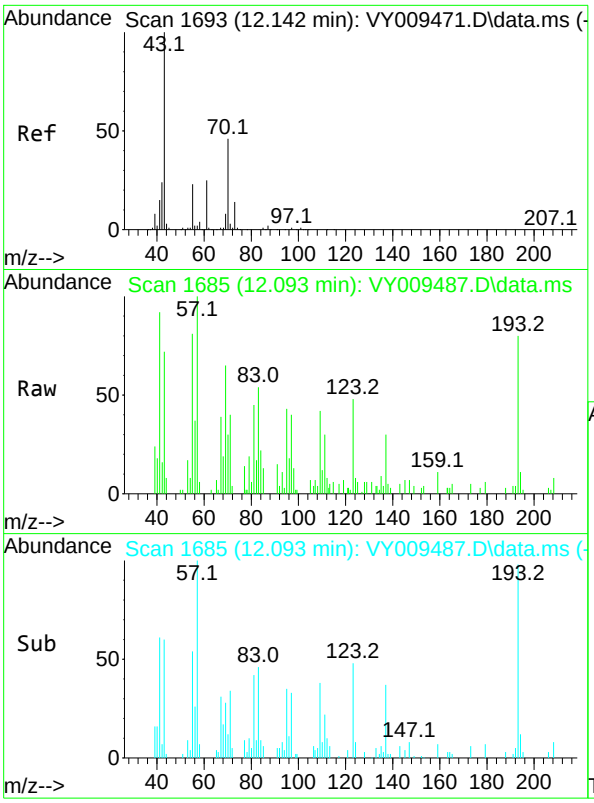


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Tgt Ion:152 Resp: 120043

Ion	Ratio	Lower	Upper
152	100		
115	54.2	28.2	84.7
150	152.5	0.0	347.6



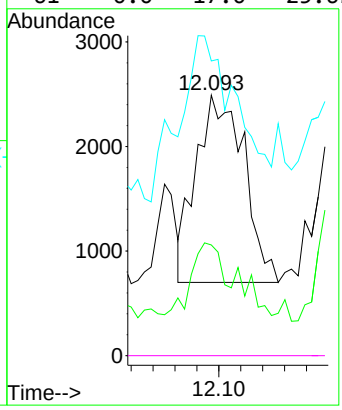


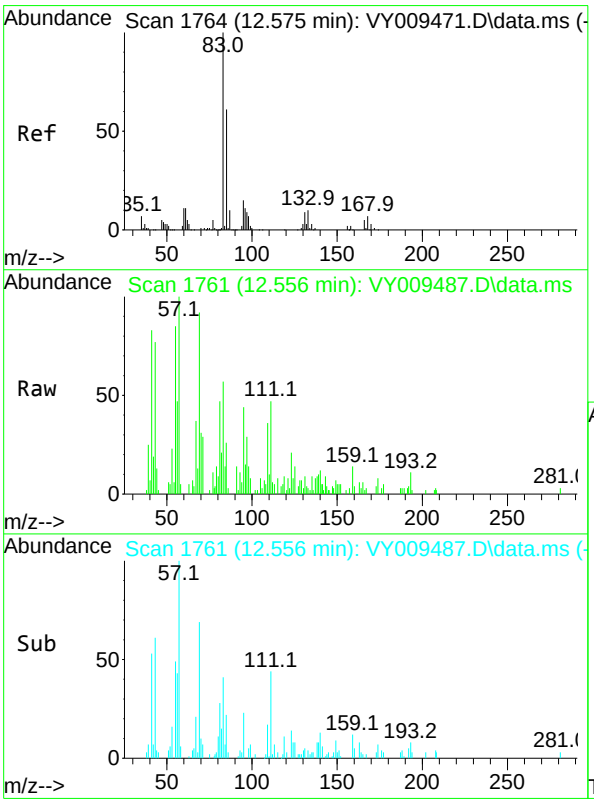
#74
N-amyl acetate
Concen: 2.332 ug/l
RT: 12.093 min Scan# 1
Delta R.T. -0.049 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Instrument :
MSVOA_Y
ClientSampleId :
20220489A-7A

Tgt Ion: 43 Resp: 5447

Ion	Ratio	Lower	Upper
43	100		
70	25.0	28.7	43.1#
55	142.9	17.3	25.9#
61	0.0	17.0	25.6#

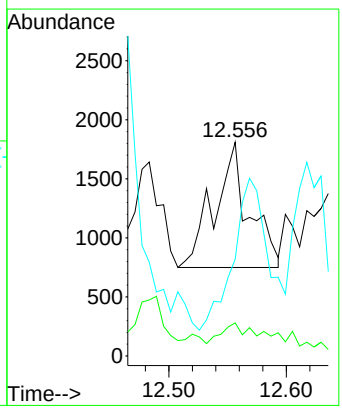


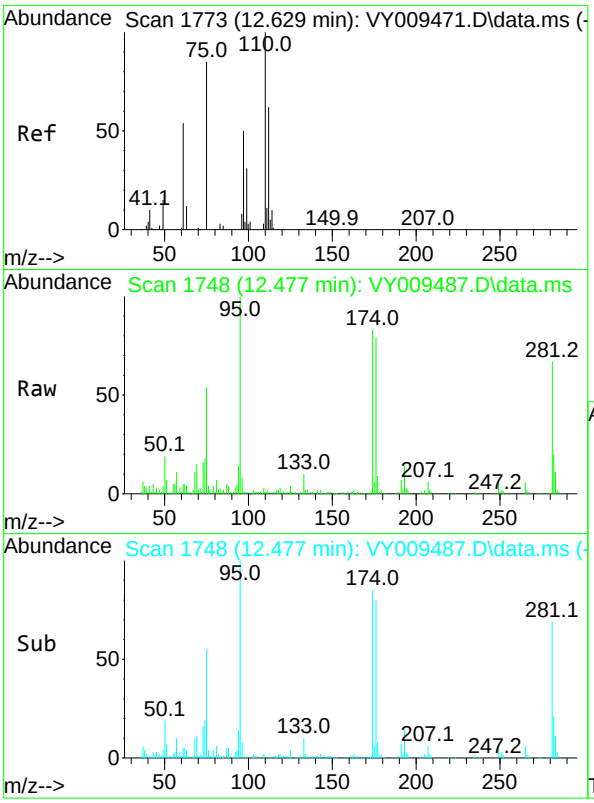


#75
1,1,2,2-Tetrachloroethane
Concen: 1.324 ug/l
RT: 12.556 min Scan# 1761
Delta R.T. -0.019 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Tgt Ion: 83 Resp: 2177

Ion	Ratio	Lower	Upper
83	100		
131	28.5	5.6	16.8#
85	120.9	32.3	96.8#



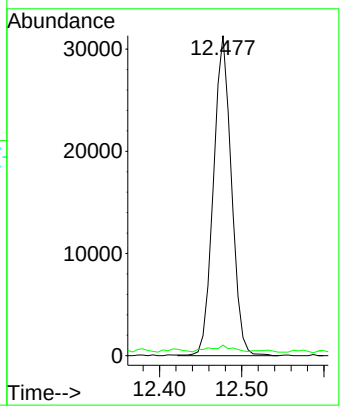


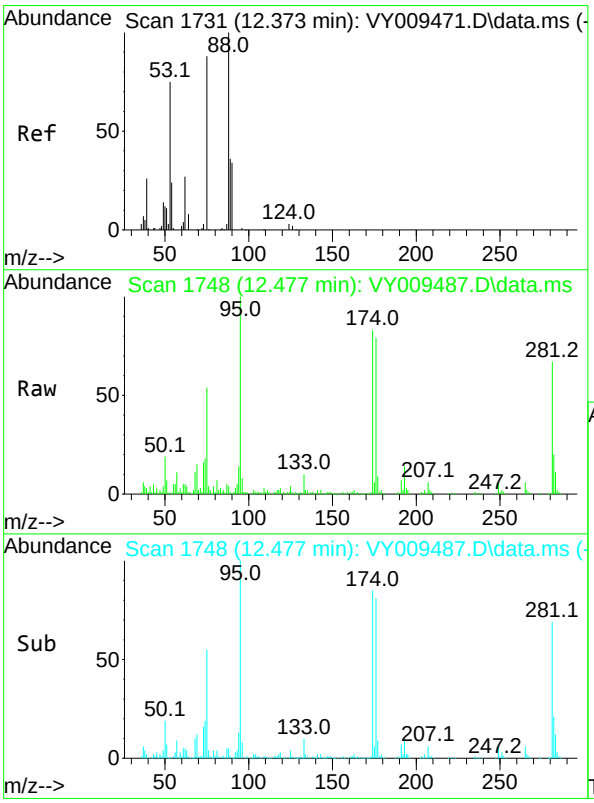
#76
1,2,3-Trichloropropane
Concen: 37.497 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.152 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Instrument :
MSVOA_Y
ClientSampleId :
20220489A-7A

Tgt Ion: 75 Resp: 47649

Ion	Ratio	Lower	Upper
75	100		
77	2.6	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 76.742 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009487.D
Acq: 08 Jul 2022 16:59

Tgt Ion: 75 Resp: 47649

Ion	Ratio	Lower	Upper
75	100		
53	3.2	85.3	127.9#
89	1.9	37.0	55.4#