Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
Data File : VY007938.D
Acq On : 19 Mar 2022 06:44
Operator : SY/MD
Sample : N1953-03
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
124042

Quant Time: Mar 21 03:21:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 13:55:34 2022
Response via : Initial Calibration

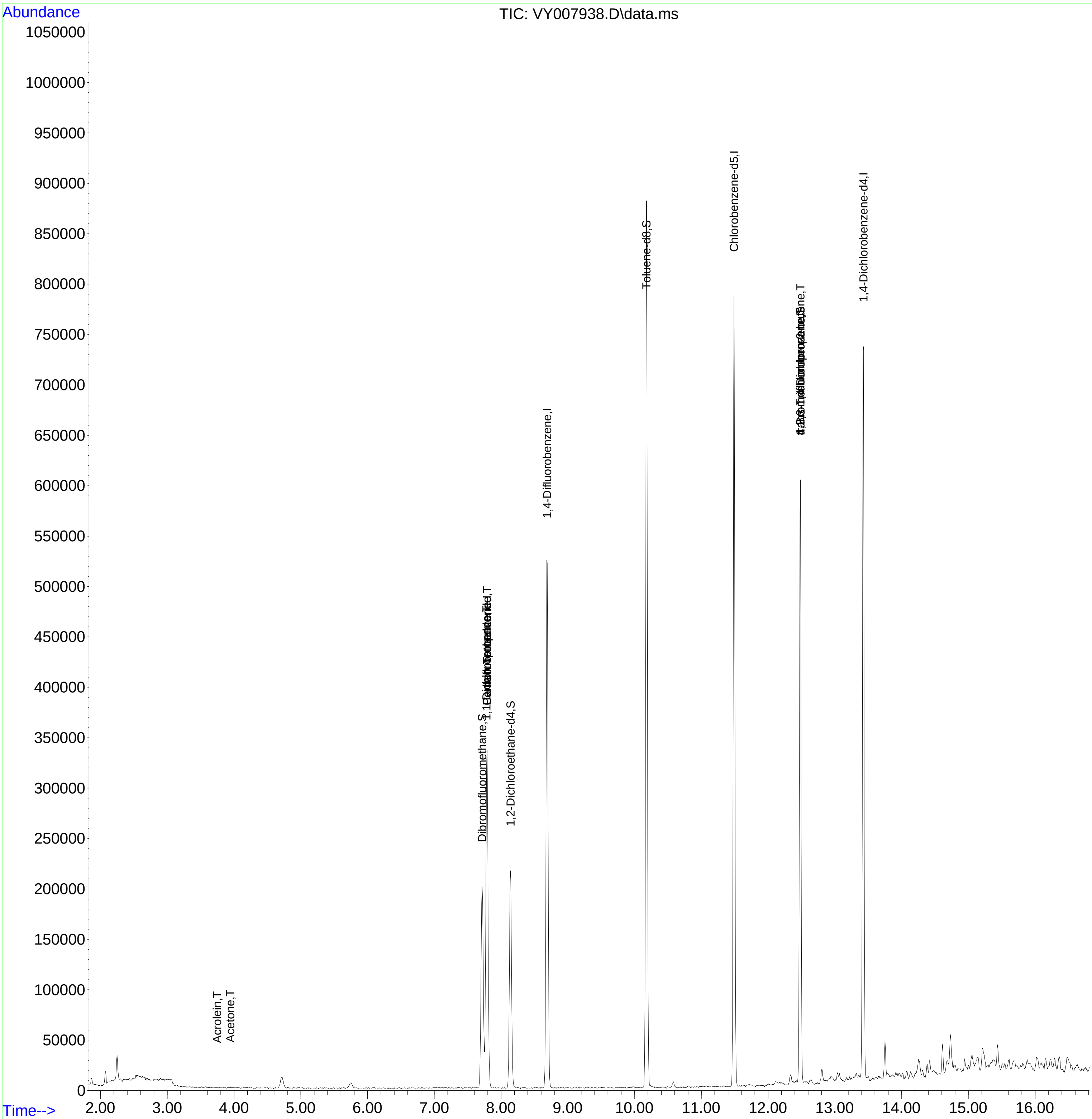
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	7.789	168	251562	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	464693	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.489	117	421871	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	181339	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.142	65	162852	56.777 ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.560%		
35) Dibromofluoromethane	7.716	113	146497	44.889 ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 89.780%		
50) Toluene-d8	10.179	98	565799	58.405 ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.800%		
62) 4-Bromofluorobenzene	12.483	95	199484	42.591 ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 85.180%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.906	85	124	Below Cal #	43
3) Chloromethane	2.113	50	999	Below Cal	100
4) Vinyl Chloride	2.265	62	310	Below Cal #	43
5) Bromomethane	2.662	94	397	Below Cal #	69
13) Acrolein	3.747	56	206	1.024 ug/l #	53
16) Acetone	3.942	43	1198	1.574 ug/l	99
17) Carbon Disulfide	4.198	76	384	Below Cal #	75
18) Methyl Acetate	4.478	43	235	Below Cal	94
20) Methylene Chloride	4.722	84	8332	Below Cal	87
31) Cyclohexane	7.789	56	5598	Below Cal #	1
36) 1,1-Dichloropropene	7.783	75	21140	4.367 ug/l #	51
38) Carbon Tetrachloride	7.789	117	26428	5.110 ug/l #	15
39) Methylcyclohexane	9.173	83	85	Below Cal #	16
76) 1,2,3-Trichloropropane	12.483	75	102945	39.829 ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	102945	83.656 ug/l #	7

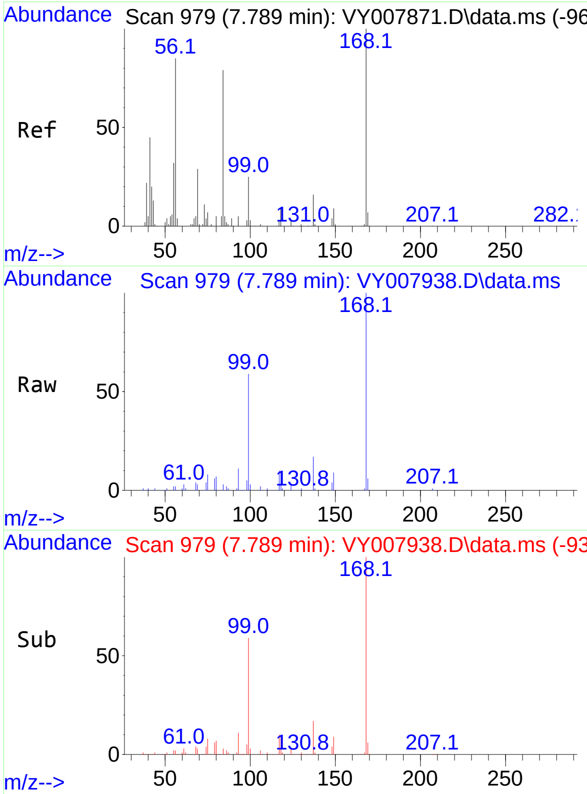
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
Data File : VY007938.D
Acq On   : 19 Mar 2022 06:44
Operator : SY/MD
Sample   : N1953-03
Misc   : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 53   Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
124042

Quant Time: Mar 21 03:21:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 13:55:34 2022
Response via : Initial Calibration



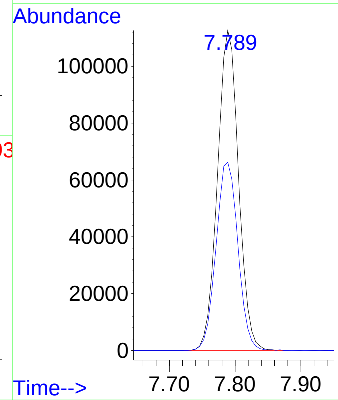


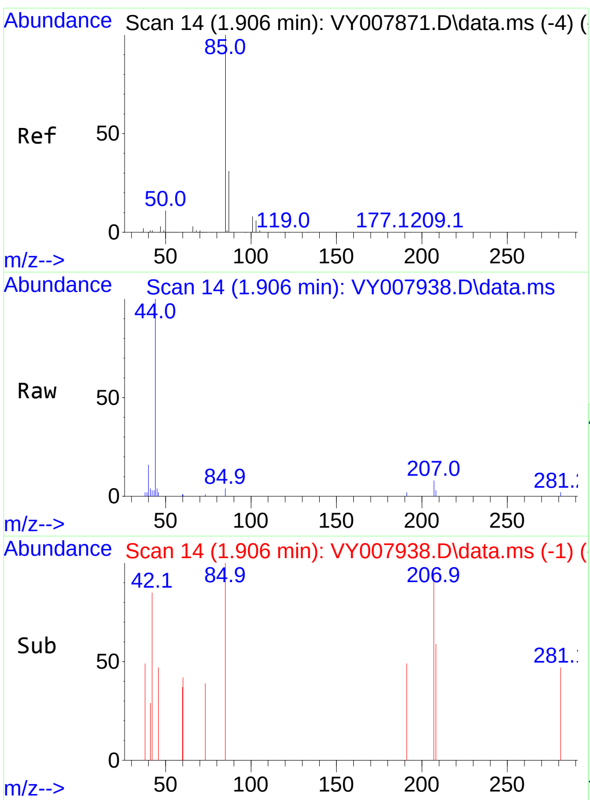
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min   Scan# 9
Delta R.T.   -0.000 min
Lab File: VY007938.D
Acq: 19 Mar 2022   06:44

Instrument :
MSVOA_Y
ClientSampleId :
124042

Tgt Ion:168 Resp: 251562

Ion	Ratio	Lower	Upper
168	100		
99	58.8	46.9	70.3

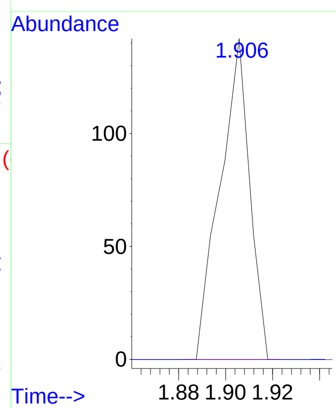


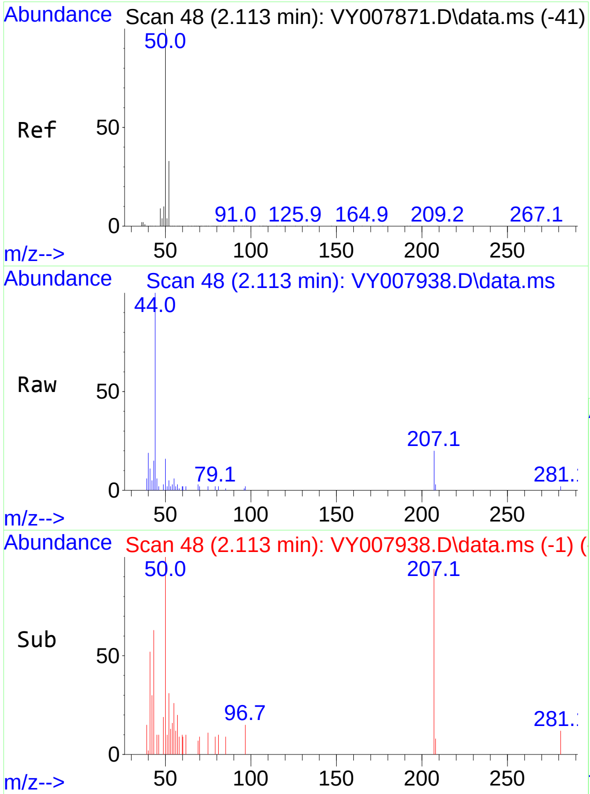


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min   Scan# 14
Delta R.T.   -0.000 min
Lab File: VY007938.D
Acq: 19 Mar 2022   06:44

Tgt Ion: 85 Resp: 124

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.1	48.2#



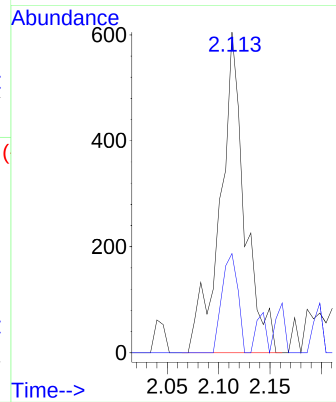


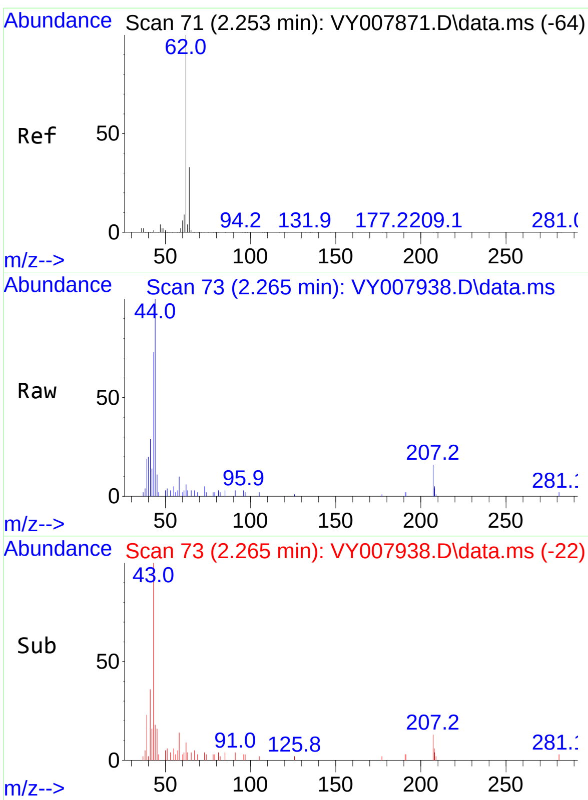
#3
Chloromethane
Concen: Below Cal
RT: 2.113 min   Scan# 4
Delta R.T.   -0.000 min
Lab File: VY007938.D
Acq: 19 Mar 2022   06:44

Instrument :
MSVOA_Y
ClientSampleId :
124042

Tgt Ion: 50 Resp: 999

Ion	Ratio	Lower	Upper
50	100		
52	30.9	24.6	37.0

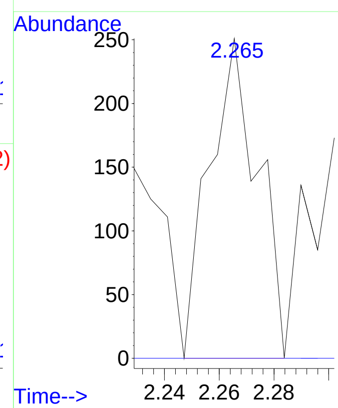


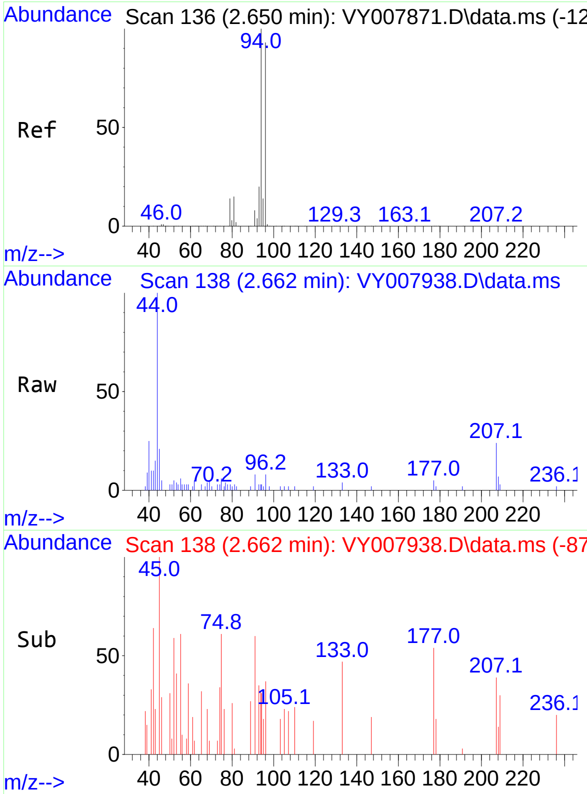


#4
Vinyl Chloride
Concen: Below Cal
RT: 2.265 min   Scan# 73
Delta R.T.   0.012 min
Lab File: VY007938.D
Acq: 19 Mar 2022   06:44

Tgt Ion: 62 Resp: 310

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.0	37.6#



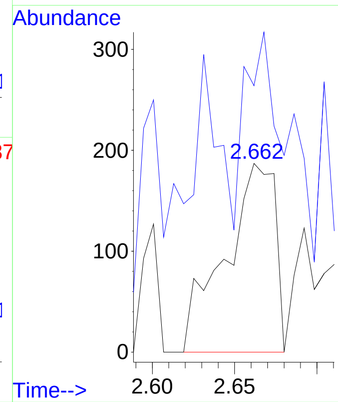


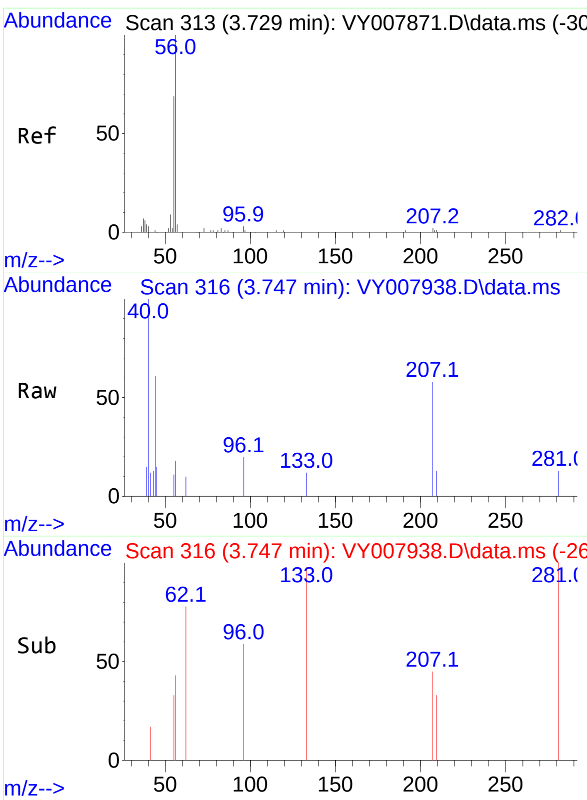
#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY007938.D
Acq: 19 Mar 2022 06:44

Instrument :
MSVOA_Y
ClientSampleId :
124042

Tgt Ion: 94 Resp: 397

Ion	Ratio	Lower	Upper
94	100		
96	62.6	73.5	110.3#

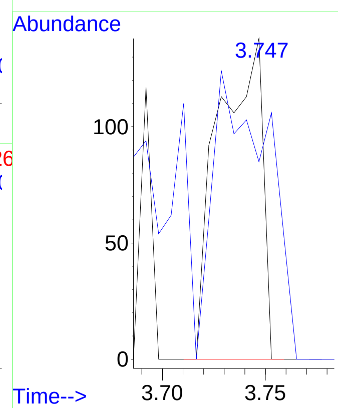


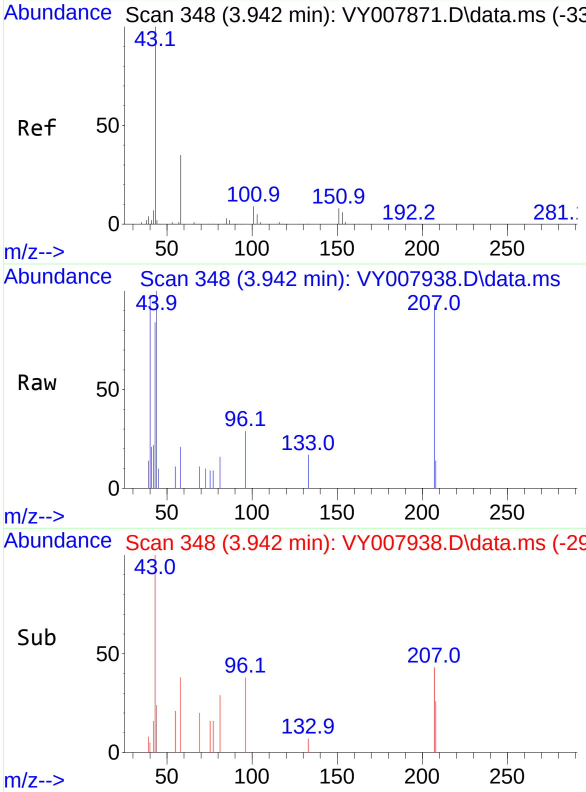


#13
Acrolein
Concen: 1.024 ug/l
RT: 3.747 min Scan# 316
Delta R.T. 0.018 min
Lab File: VY007938.D
Acq: 19 Mar 2022 06:44

Tgt Ion: 56 Resp: 206

Ion	Ratio	Lower	Upper
56	100		
55	111.2	57.6	86.4#



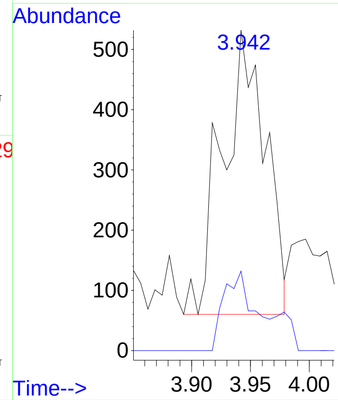


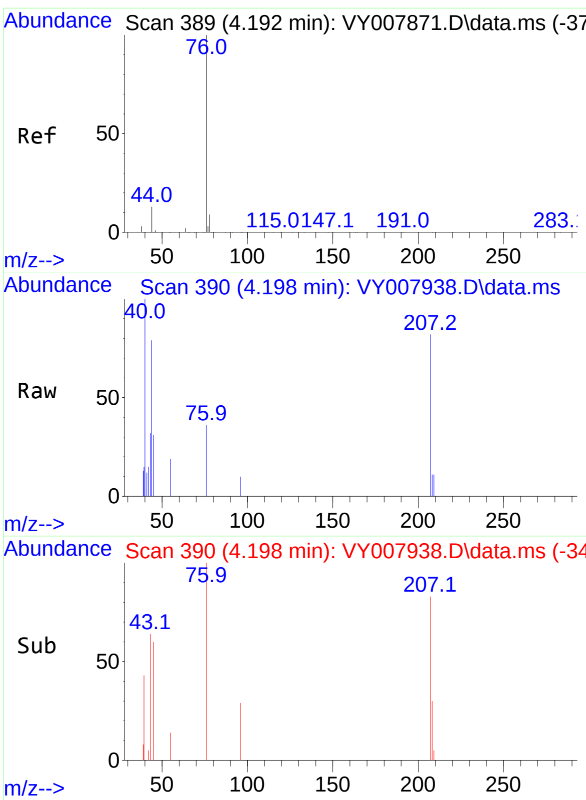
#16
Acetone
Concen: 1.574 ug/l
RT: 3.942 min   Scan# 34
Delta R.T.   -0.000 min
Lab File: VY007938.D
Acq: 19 Mar 2022   06:44

Instrument :
MSVOA_Y
ClientSampleId :
124042

Tgt Ion: 43 Resp: 1198

Ion	Ratio	Lower	Upper
43	100		
58	28.0	22.0	33.0

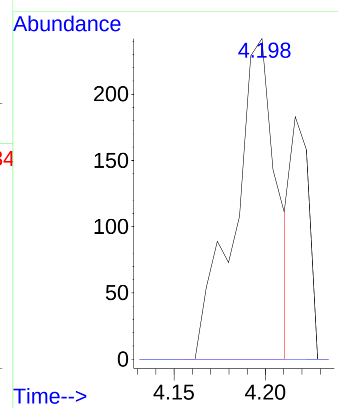


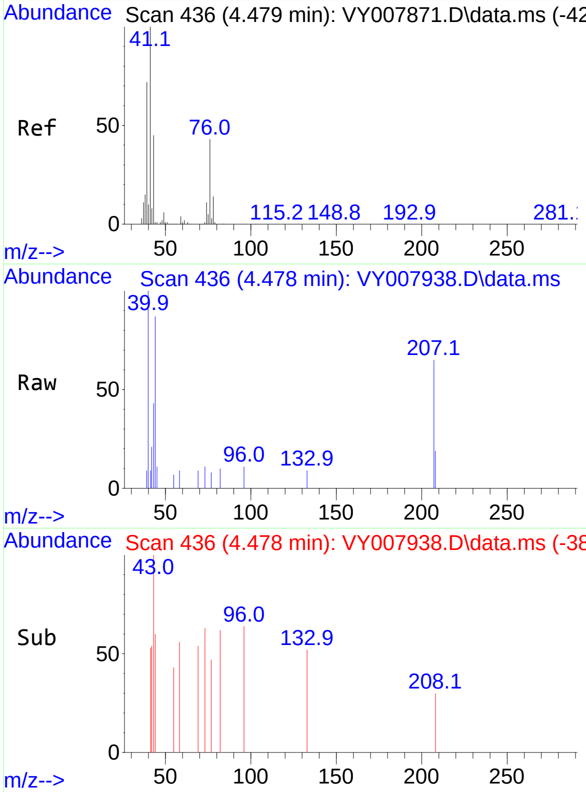


#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min   Scan# 390
Delta R.T.   0.006 min
Lab File: VY007938.D
Acq: 19 Mar 2022   06:44

Tgt Ion: 76 Resp: 384

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.0#



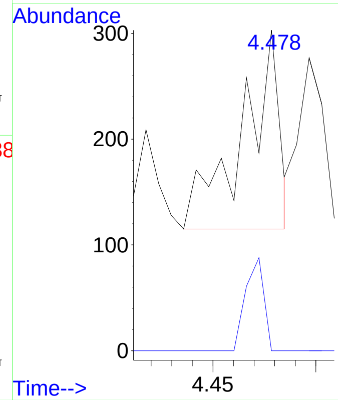


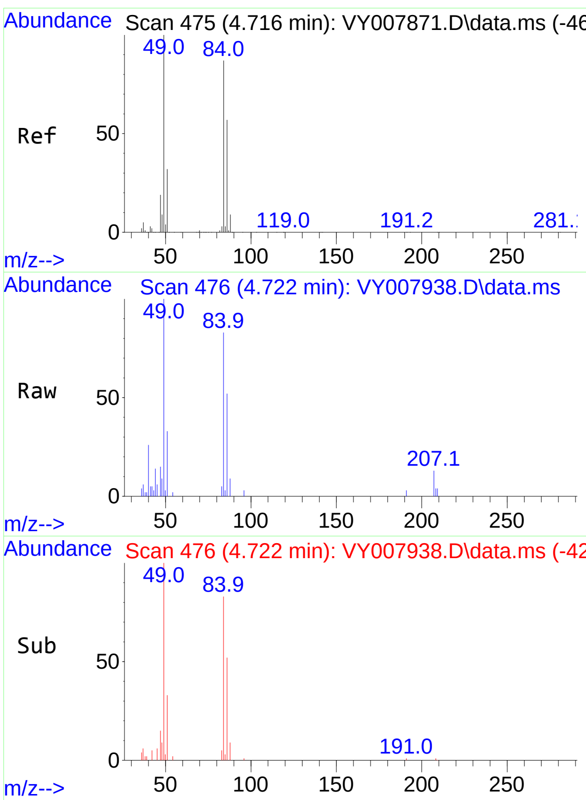
#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 4
Delta R.T. 0.006 min
Lab File: VY007938.D
Acq: 19 Mar 2022 06:44

Instrument :
MSVOA_Y
ClientSampleId :
124042

Tgt Ion: 43 Resp: 235

Ion	Ratio	Lower	Upper
43	100		
74	23.4	16.6	24.8

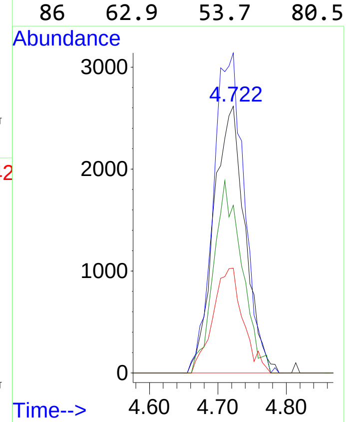


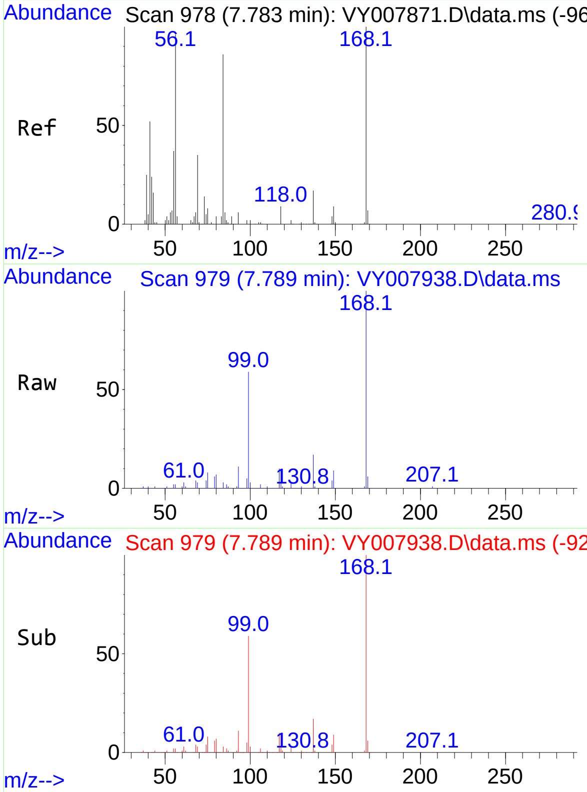


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY007938.D
Acq: 19 Mar 2022 06:44

Tgt Ion: 84 Resp: 8332

Ion	Ratio	Lower	Upper
84	100		
49	119.9	114.4	171.6
51	39.3	35.3	52.9
86	62.9	53.7	80.5



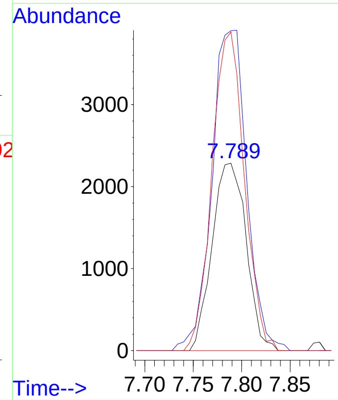


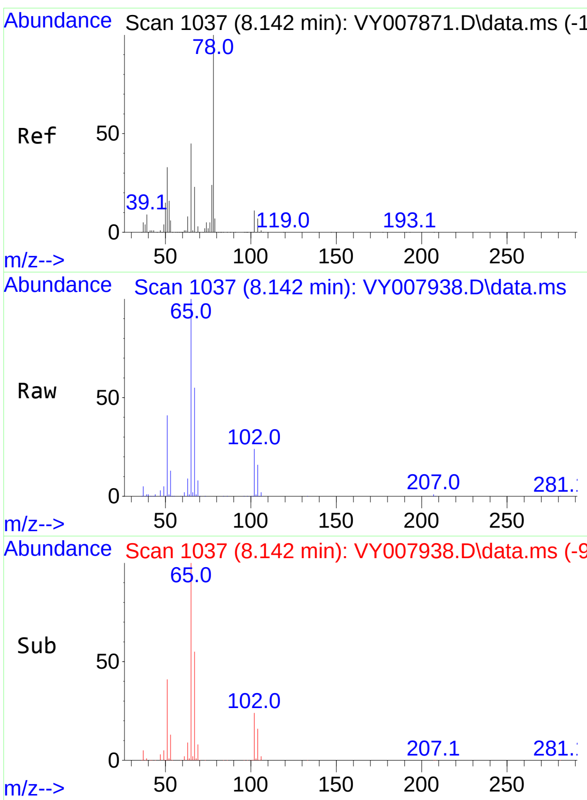
#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY007938.D
Acq: 19 Mar 2022 06:44

Instrument :
MSVOA_Y
ClientSampleId :
124042

Tgt Ion: 56 Resp: 5598

Ion	Ratio	Lower	Upper
56	100		
69	167.5	26.7	40.1#
84	170.0	67.2	100.8#

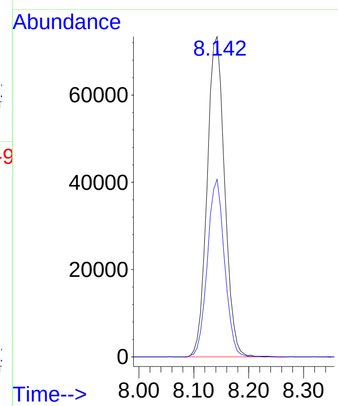


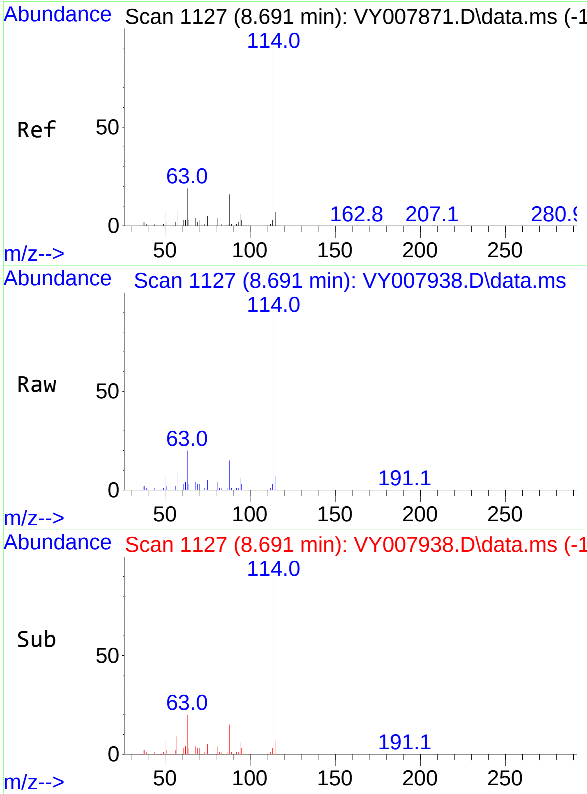


#33
1,2-Dichloroethane-d4
Concen: 56.777 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007938.D
Acq: 19 Mar 2022 06:44

Tgt Ion: 65 Resp: 162852

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	99.4



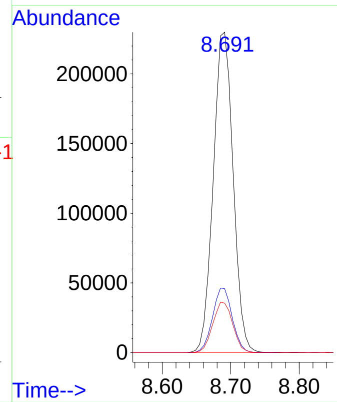


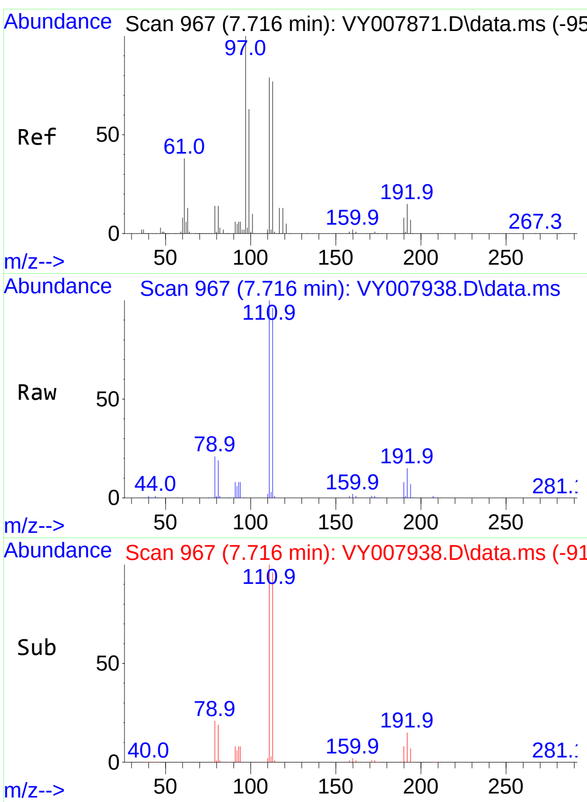
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY007938.D
Acq: 19 Mar 2022 06:44

Instrument :
MSVOA_Y
ClientSampleId :
124042

Tgt Ion:114 Resp: 464693

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	43.2
88	15.5	0.0	31.8

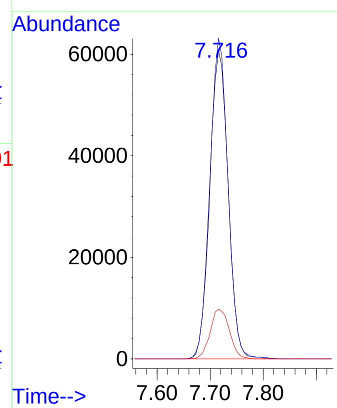


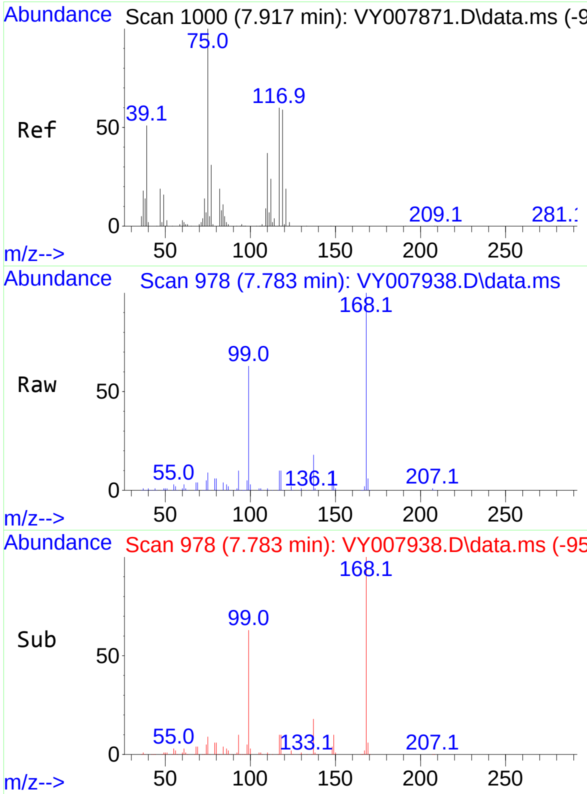


#35
Dibromofluoromethane
Concen: 44.889 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY007938.D
Acq: 19 Mar 2022 06:44

Tgt Ion:113 Resp: 146497

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	124.0
192	16.9	17.6	26.4#



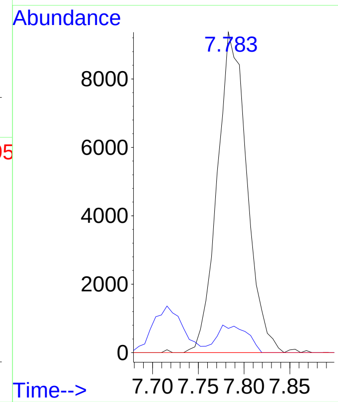


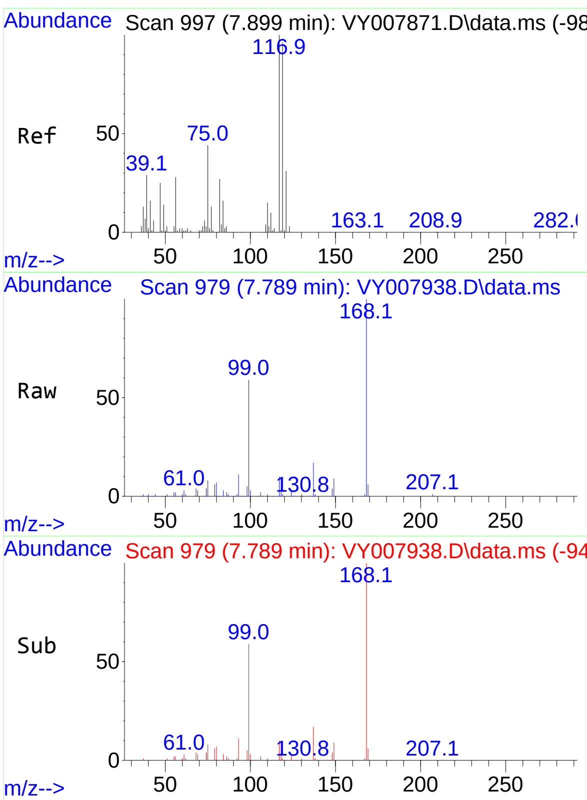
#36
1,1-Dichloropropene
Concen: 4.367 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.134 min
Lab File: VY007938.D
Acq: 19 Mar 2022 06:44

Instrument :
MSVOA_Y
ClientSampleId :
124042

Tgt Ion: 75 Resp: 21140

Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.1	51.2#
77	0.0	24.4	36.6#

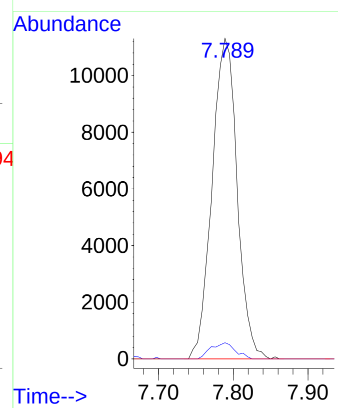


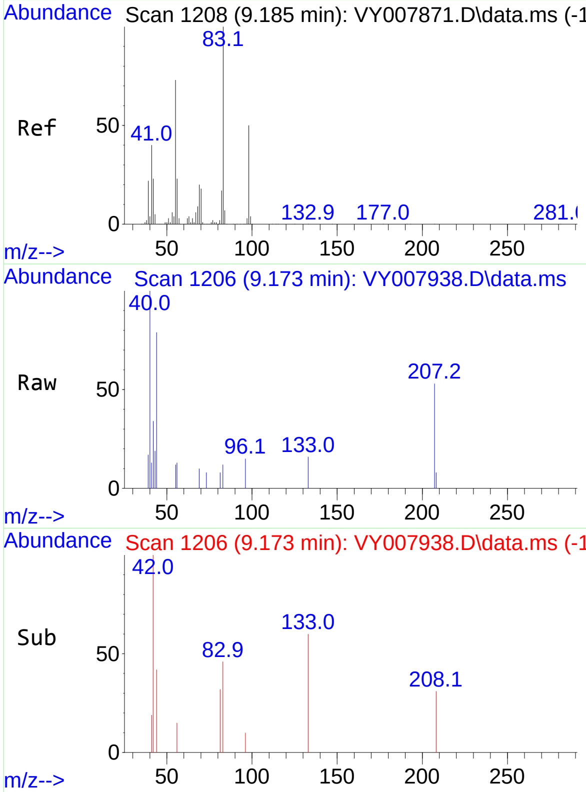


#38
Carbon Tetrachloride
Concen: 5.110 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY007938.D
Acq: 19 Mar 2022 06:44

Tgt Ion:117 Resp: 26428

Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.9	116.9#
121	0.0	24.8	37.2#



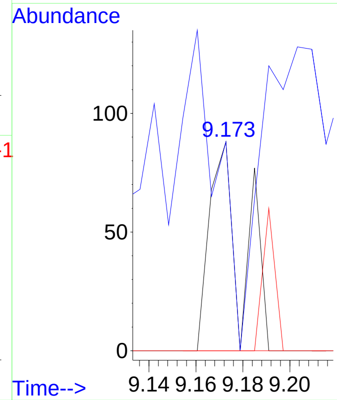


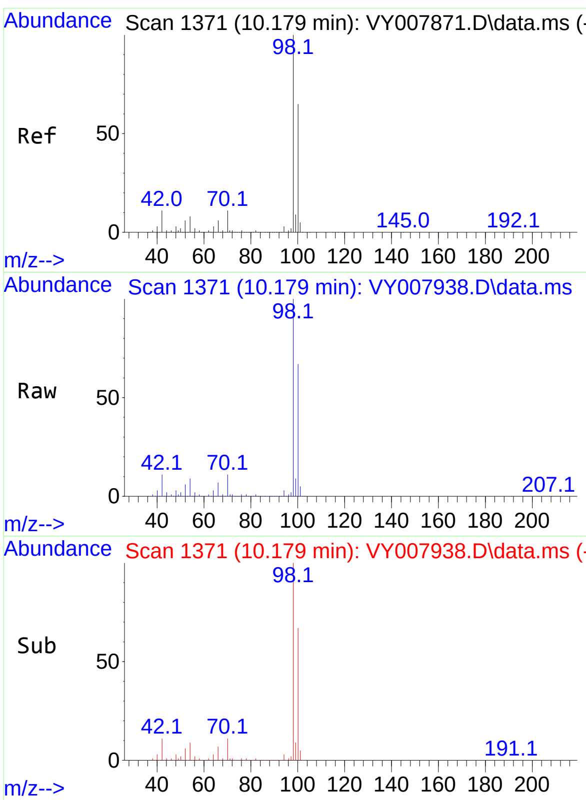
#39
Methylcyclohexane
Concen: Below Cal
RT: 9.173 min   Scan# 1
Delta R.T.   -0.012 min
Lab File: VY007938.D
Acq: 19 Mar 2022   06:44

Instrument :
MSVOA_Y
ClientSampleId :
124042

Tgt Ion: 83 Resp: 85

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.5	99.7#
98	0.0	37.9	56.9#

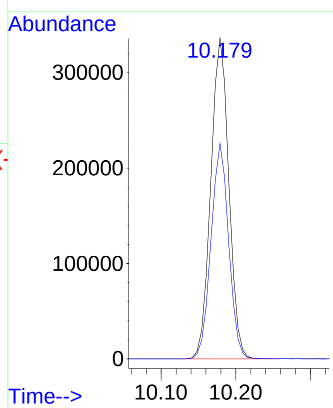


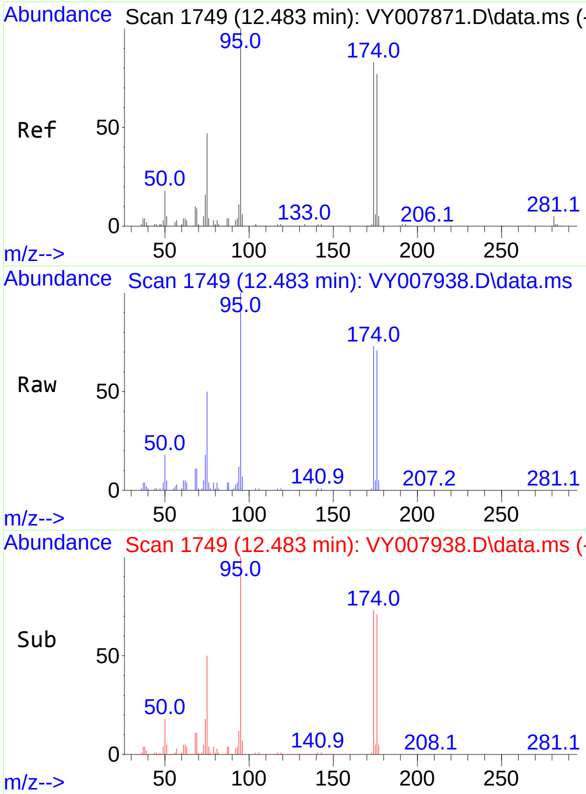


#50
Toluene-d8
Concen: 58.405 ug/l
RT: 10.179 min   Scan# 1371
Delta R.T.   -0.000 min
Lab File: VY007938.D
Acq: 19 Mar 2022   06:44

Tgt Ion: 98 Resp: 565799

Ion	Ratio	Lower	Upper
98	100		
100	65.7	50.2	75.2



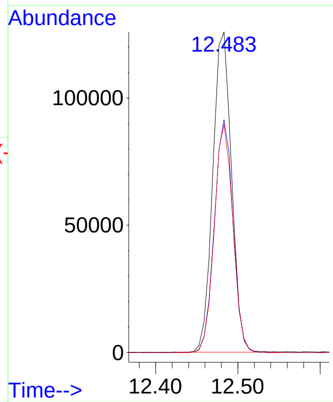


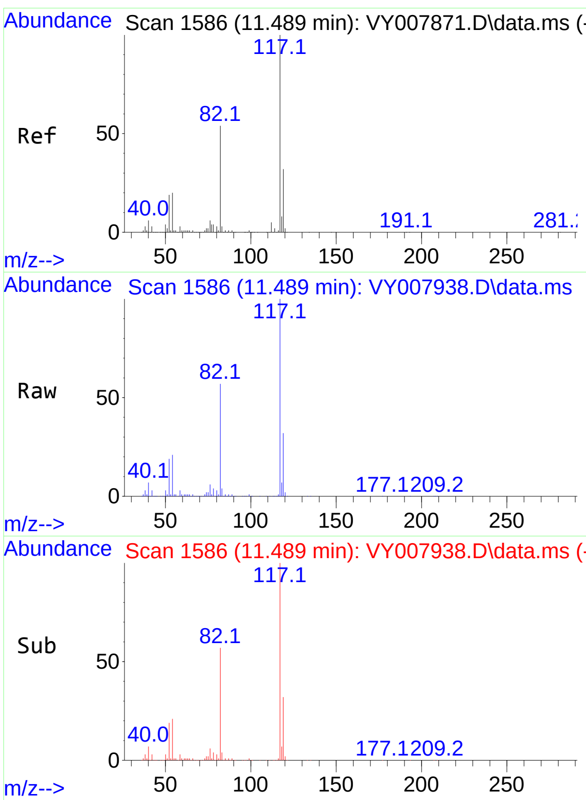
#62
4-Bromofluorobenzene
Concen: 42.591 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007938.D
Acq: 19 Mar 2022 06:44

Instrument :
MSVOA_Y
ClientSampleId :
124042

Tgt Ion: 95 Resp: 199484

Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	177.0
176	70.7	0.0	175.8

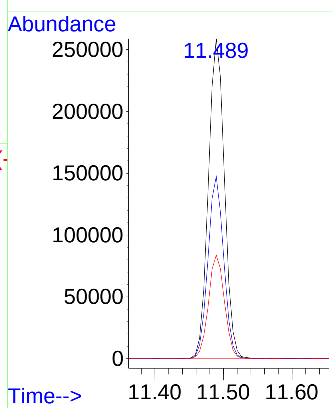


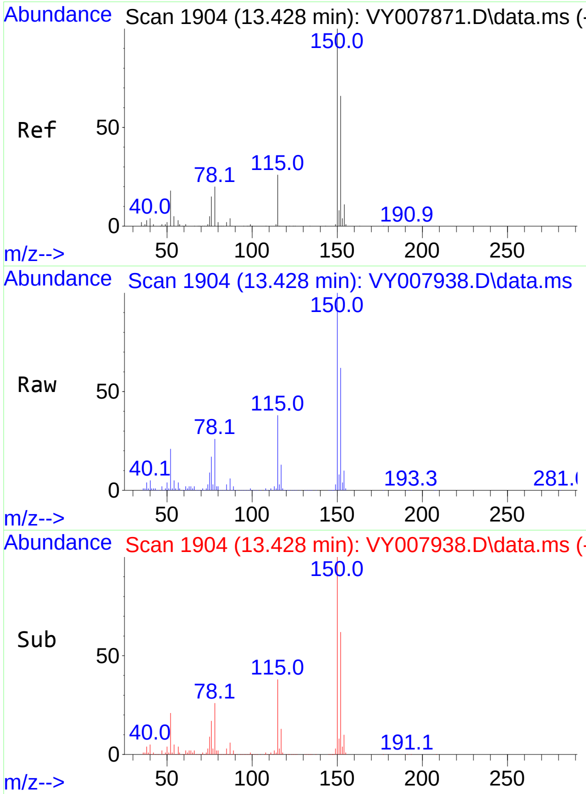


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007938.D
Acq: 19 Mar 2022 06:44

Tgt Ion:117 Resp: 421871

Ion	Ratio	Lower	Upper
117	100		
82	56.9	43.0	64.4
119	32.4	25.4	38.0



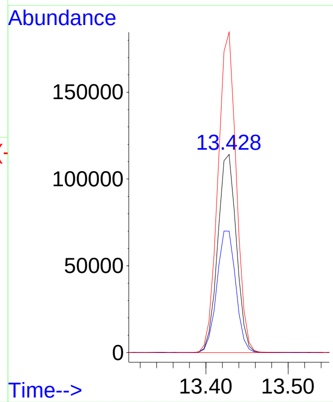


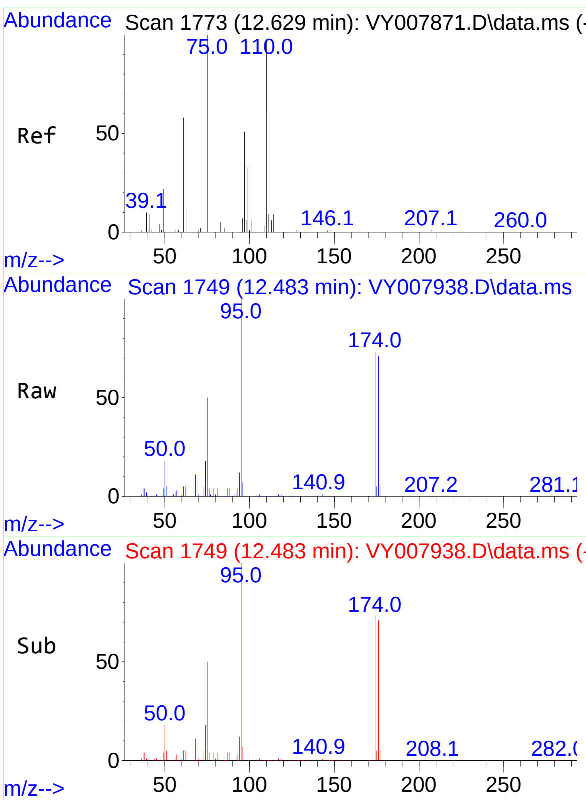
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007938.D
Acq: 19 Mar 2022 06:44

Instrument :
MSVOA_Y
ClientSampleId :
124042

Tgt Ion:152 Resp: 181339

Ion	Ratio	Lower	Upper
152	100		
115	62.0	28.2	84.7
150	158.1	0.0	347.6

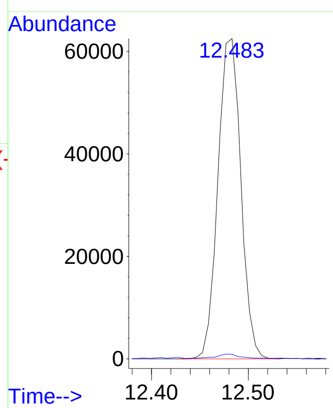


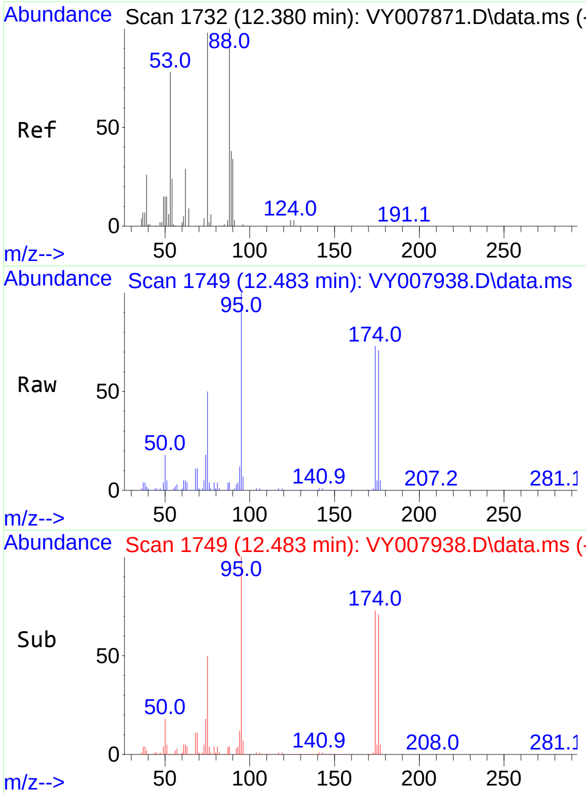


#76
1,2,3-Trichloropropane
Concen: 39.829 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY007938.D
Acq: 19 Mar 2022 06:44

Tgt Ion: 75 Resp: 102945

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 83.656 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.103 min
Lab File: VY007938.D
Acq: 19 Mar 2022 06:44

Instrument :
MSVOA_Y
ClientSampleId :
124042

Tgt Ion: 75 Resp: 102945

Ion	Ratio	Lower	Upper
75	100		
53	0.1	85.3	127.9#
89	0.0	37.0	55.4#