Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031722\
Data File : VY007877.D
Acq On : 17 Mar 2022 16:18
Operator : SY/MD
Sample : VY0317SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBL01

Quant Time: Mar 17 18:22:13 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	352071	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	600981	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.489	117	542302	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	240569	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.143	65	186980	46.579 ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 93.160%		
35) Dibromofluoromethane	7.716	113	183719	43.529 ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 87.060%		
50) Toluene-d8	10.179	98	711956	56.652 ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.300%		
62) 4-Bromofluorobenzene	12.483	95	251000	41.437 ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 82.880%		

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
2) Dichlorodifluoromethane	1.906	85	395	Below Cal	98
3) Chloromethane	2.113	50	2084	Below Cal	98
4) Vinyl Chloride	2.259	62	112	Below Cal #	43
5) Bromomethane	2.668	94	786	Below Cal	89
13) Acrolein	3.729	56	597	2.120 ug/l #	33
16) Acetone	3.954	43	1723	1.618 ug/l	95
17) Carbon Disulfide	4.204	76	497	Below Cal #	75
18) Methyl Acetate	4.472	43	665	Below Cal	95
20) Methylene Chloride	4.716	84	11533	Below Cal	89
31) Cyclohexane	7.783	56	7461	Below Cal #	1
36) 1,1-Dichloropropene	7.783	75	26868	4.292 ug/l #	51
38) Carbon Tetrachloride	7.789	117	34626	5.176 ug/l #	15
39) Methylcyclohexane	9.179	83	152	Below Cal #	63
49) 1,4-Dioxane	9.295	88	105	2.676 ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	126919	37.014 ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	126919	77.745 ug/l #	7

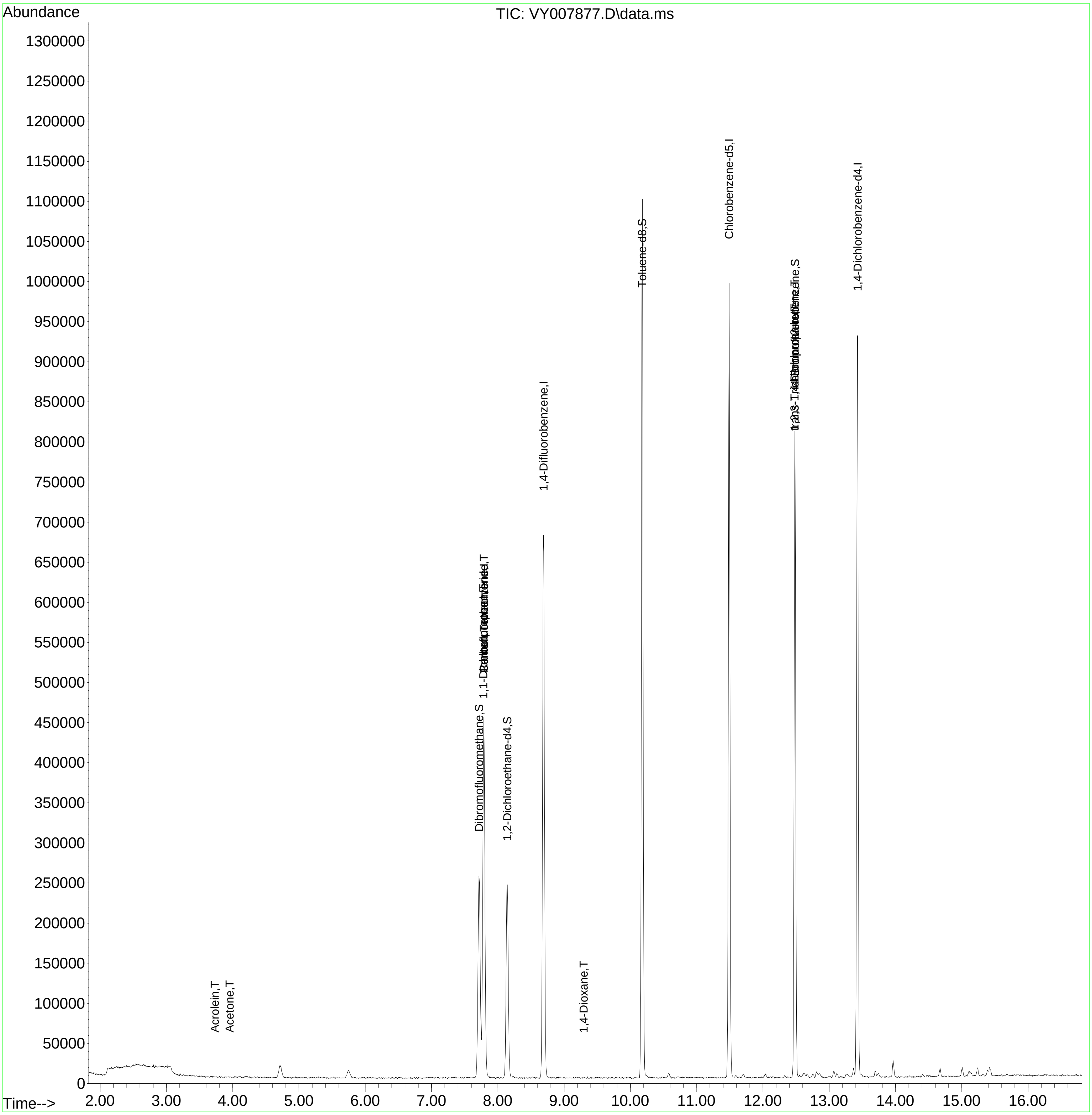
(#) = qualifier out of range (m) = manual integration (+) = signals summed

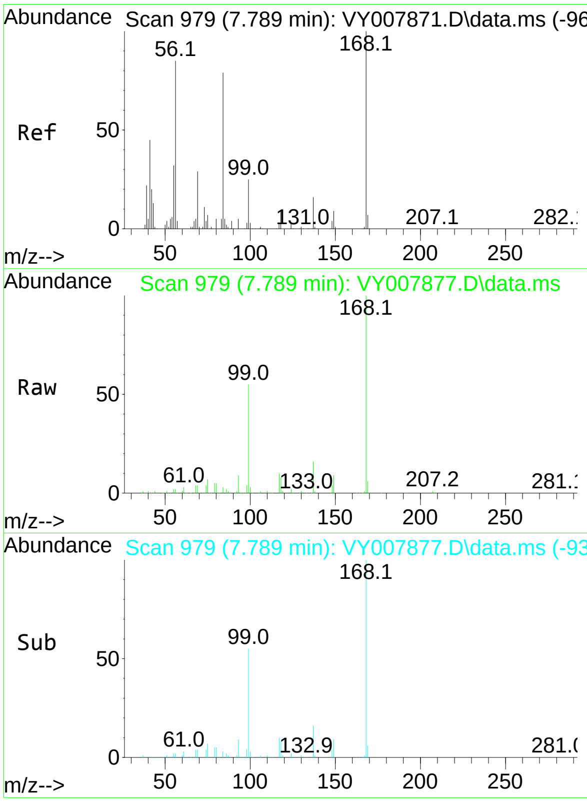
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031722\
Data File : VY007877.D
Acq On : 17 Mar 2022 16:18
Operator : SY/MD
Sample : VY0317SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBL01

Quant Time: Mar 17 18:22:13 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





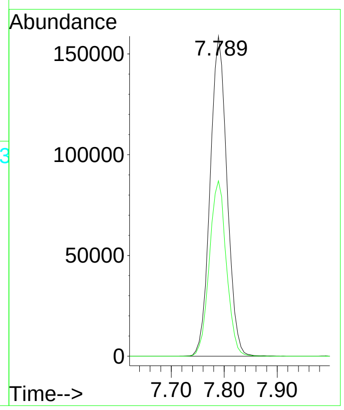
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min   Scan# 9

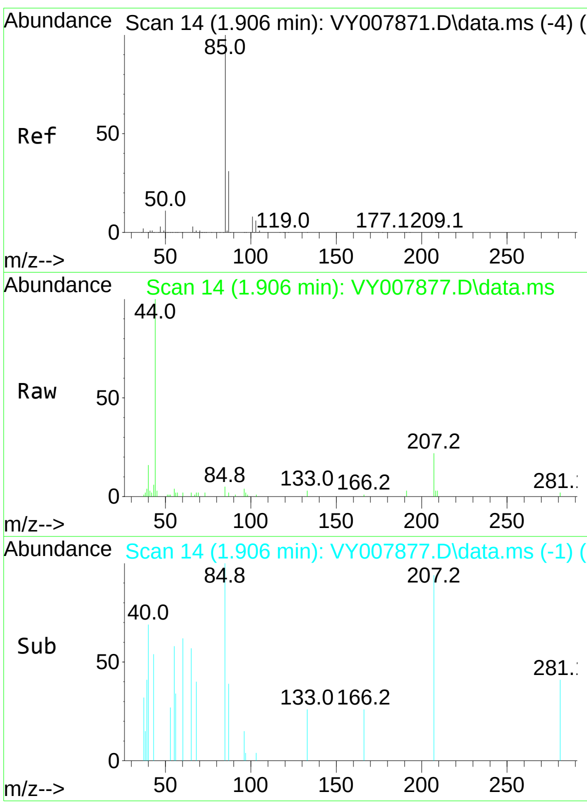
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBL01

Delta R.T.   -0.000 min
Lab File: VY007877.D
Acq: 17 Mar 2022   16:18

Tgt Ion:168 Resp: 352071

Ion	Ratio	Lower	Upper
168	100		
99	54.8	46.9	70.3

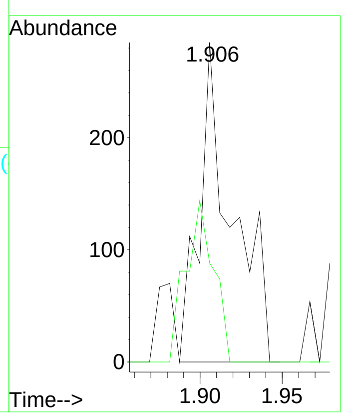


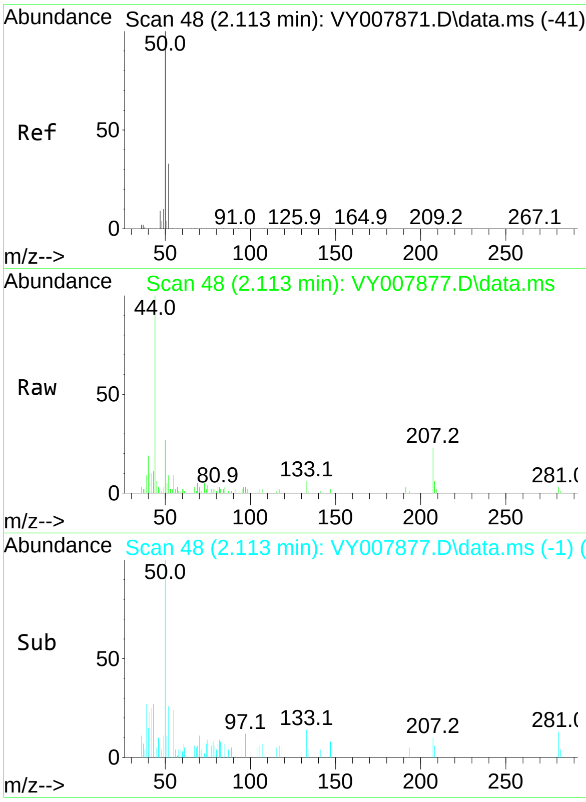


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min   Scan# 14
Delta R.T.   -0.000 min
Lab File: VY007877.D
Acq: 17 Mar 2022   16:18

Tgt Ion: 85 Resp: 395

Ion	Ratio	Lower	Upper
85	100		
87	30.9	16.1	48.2



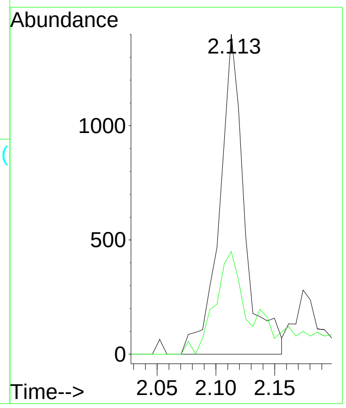


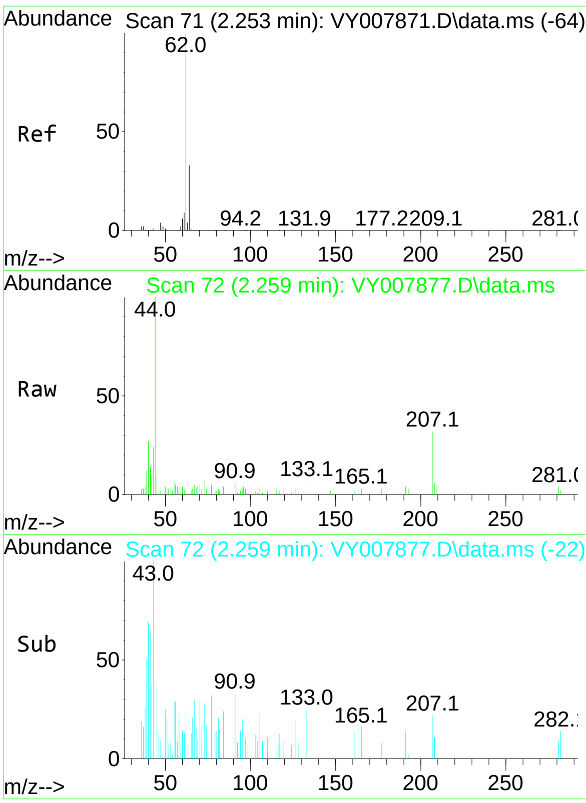
#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY007877.D
Acq: 17 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBL01

Tgt Ion: 50 Resp: 2084

Ion	Ratio	Lower	Upper
50	100		
52	32.1	24.6	37.0

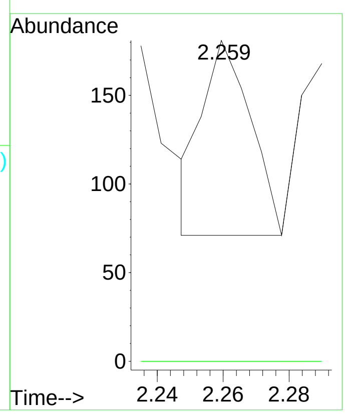


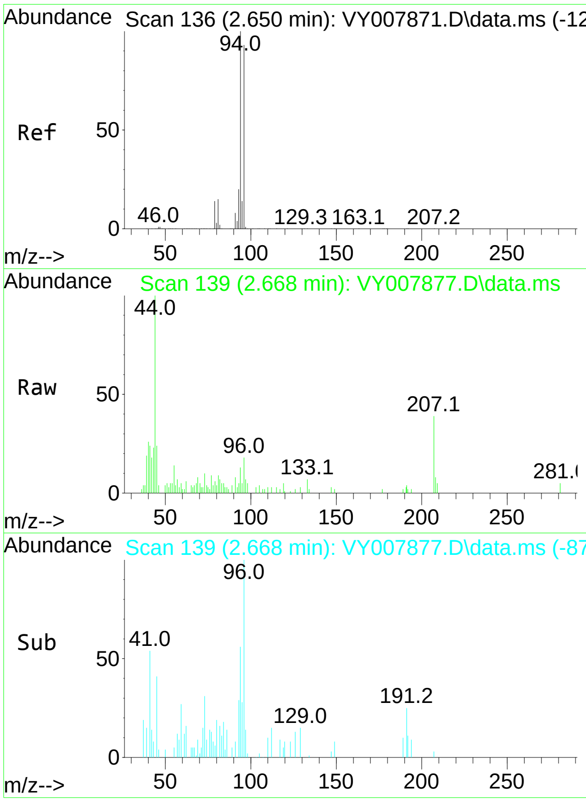


#4
Vinyl Chloride
Concen: Below Cal
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY007877.D
Acq: 17 Mar 2022 16:18

Tgt Ion: 62 Resp: 112

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.0	37.6#





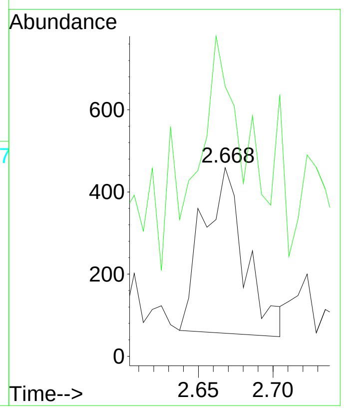
#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 1

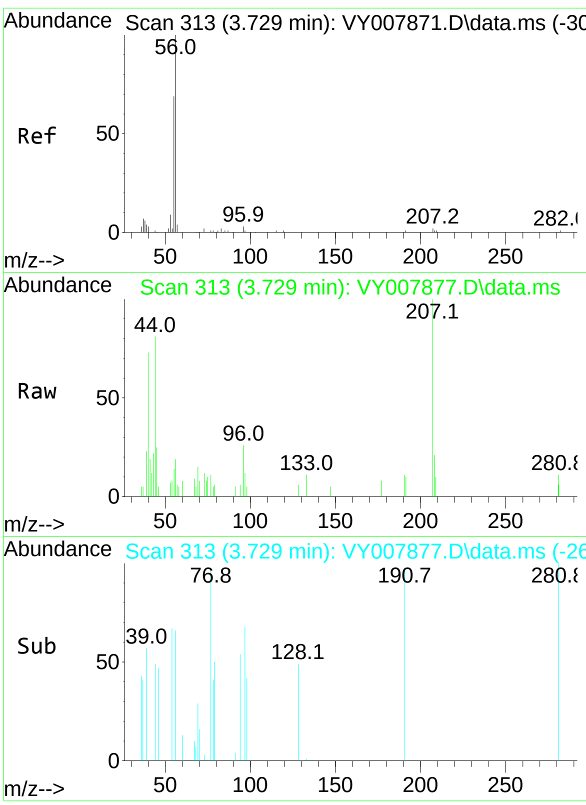
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBL01

Delta R.T. 0.018 min
Lab File: VY007877.D
Acq: 17 Mar 2022 16:18

Tgt Ion: 94 Resp: 786

Ion	Ratio	Lower	Upper
94	100		
96	81.8	73.5	110.3

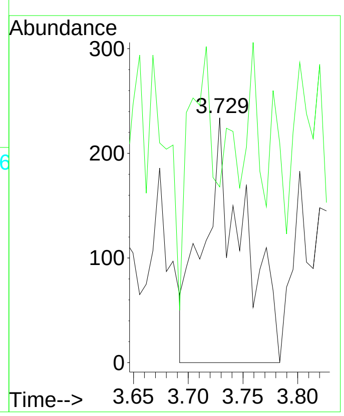


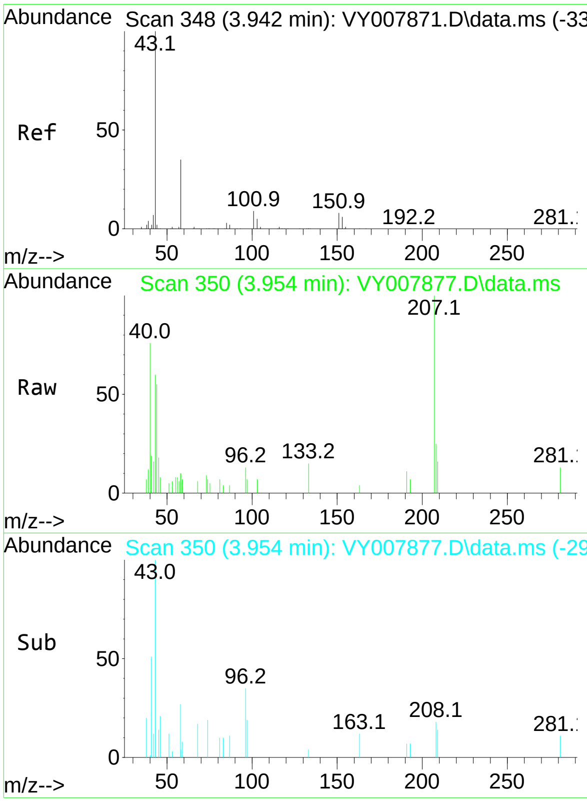


#13
Acrolein
Concen: 2.120 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY007877.D
Acq: 17 Mar 2022 16:18

Tgt Ion: 56 Resp: 597

Ion	Ratio	Lower	Upper
56	100		
55	16.2	57.6	86.4#



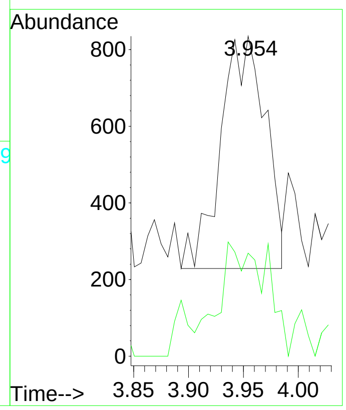


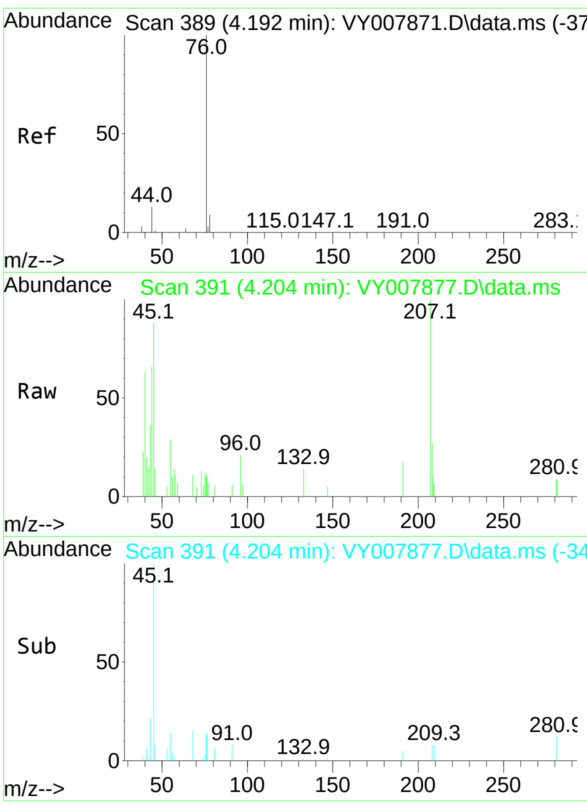
#16
Acetone
Concen: 1.618 ug/l
RT: 3.954 min Scan# 3
Delta R.T. 0.012 min
Lab File: VY007877.D
Acq: 17 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBL01

Tgt Ion: 43 Resp: 1723

Ion	Ratio	Lower	Upper
43	100		
58	24.8	22.0	33.0

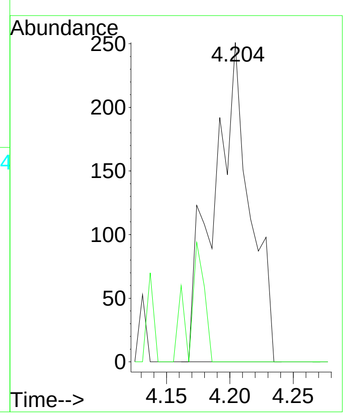


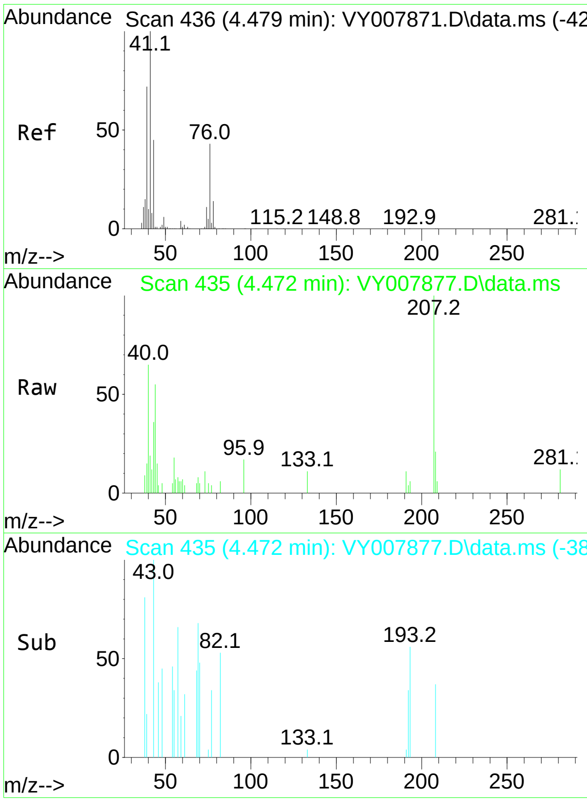


#17
Carbon Disulfide
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY007877.D
Acq: 17 Mar 2022 16:18

Tgt Ion: 76 Resp: 497

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.0#



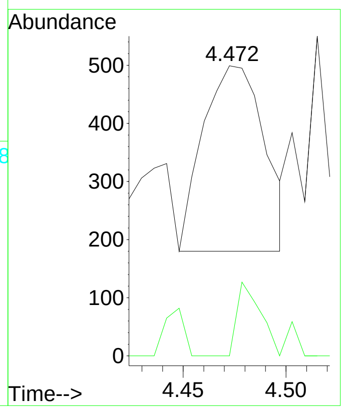


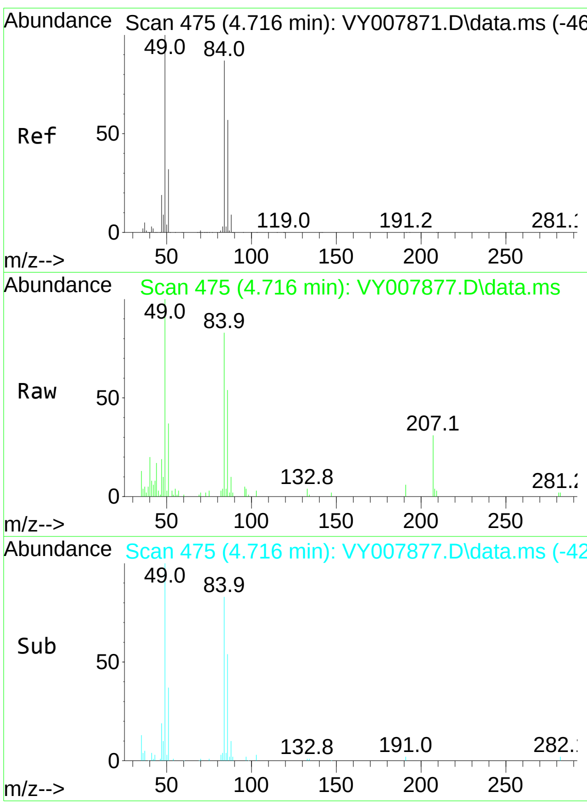
#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 4
Delta R.T. -0.000 min
Lab File: VY007877.D
Acq: 17 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBL01

Tgt Ion: 43 Resp: 665

Ion	Ratio	Lower	Upper
43	100		
74	18.5	16.6	24.8

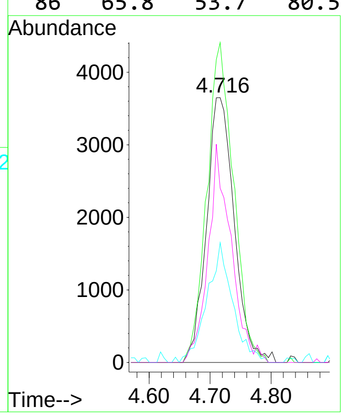


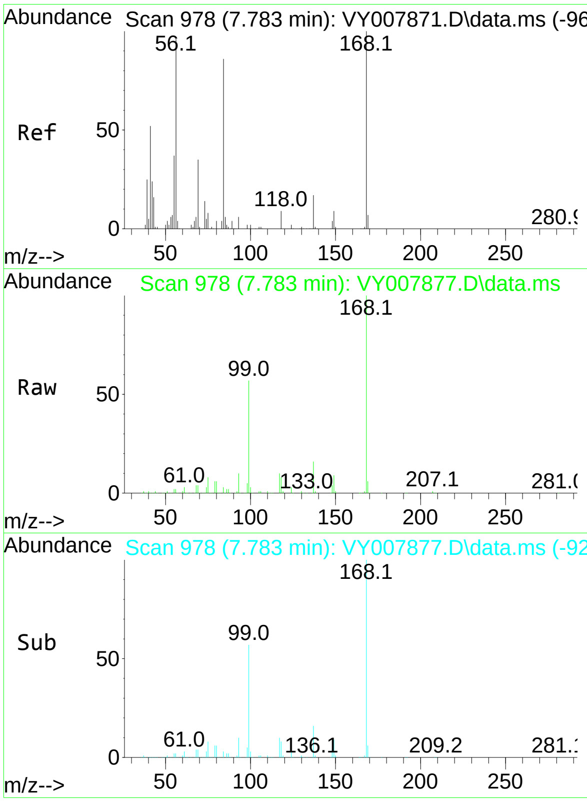


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY007877.D
Acq: 17 Mar 2022 16:18

Tgt Ion: 84 Resp: 11533

Ion	Ratio	Lower	Upper
84	100		
49	120.8	114.4	171.6
51	45.3	35.3	52.9
86	65.8	53.7	80.5





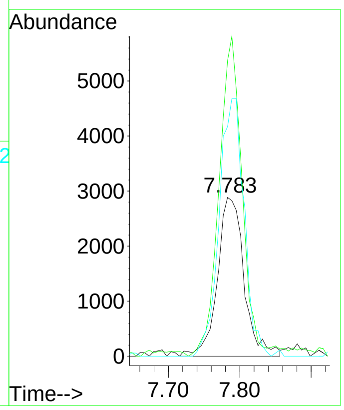
#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 9

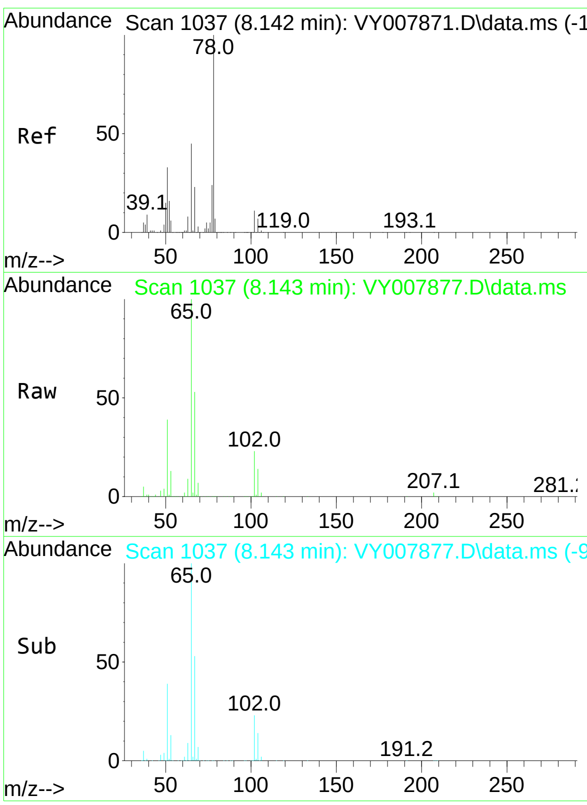
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBL01

Delta R.T. -0.000 min
Lab File: VY007877.D
Acq: 17 Mar 2022 16:18

Tgt Ion: 56 Resp: 7461

Ion	Ratio	Lower	Upper
56	100		
69	183.1	26.7	40.1#
84	144.6	67.2	100.8#

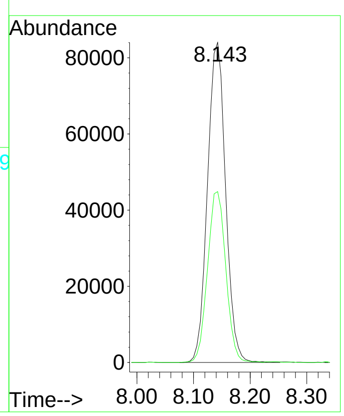


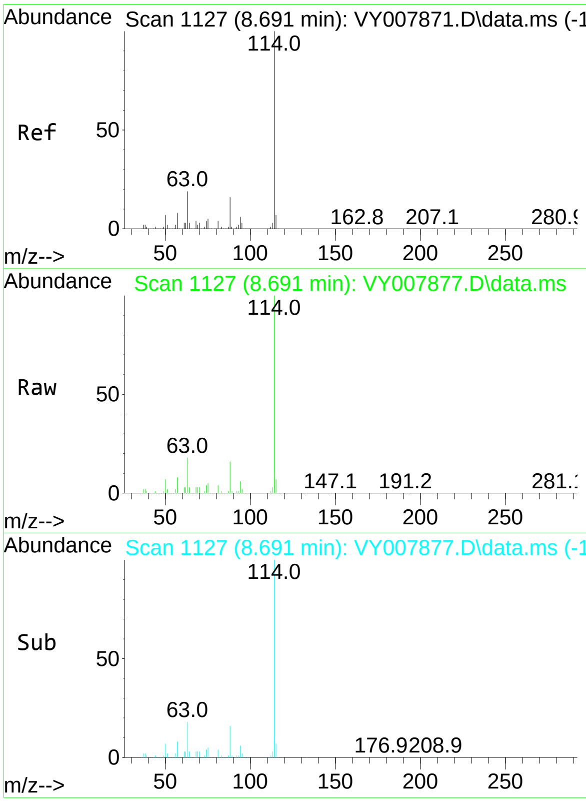


#33
1,2-Dichloroethane-d4
Concen: 46.579 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007877.D
Acq: 17 Mar 2022 16:18

Tgt Ion: 65 Resp: 186980

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	99.4



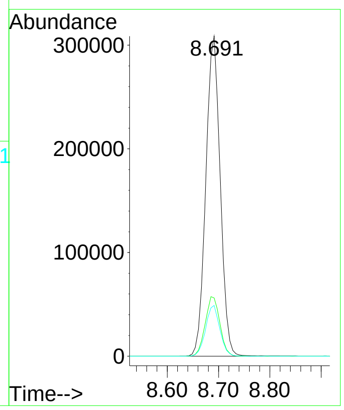


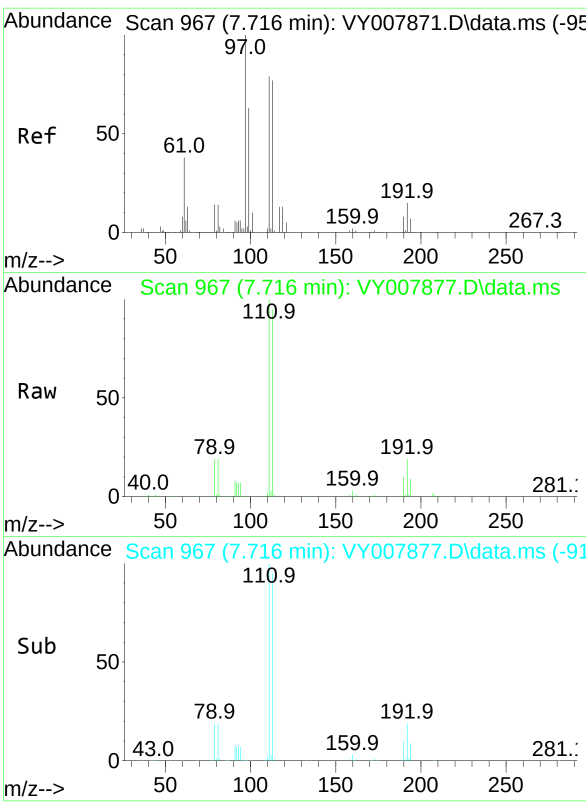
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007877.D
Acq: 17 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBL01

Tgt Ion:114 Resp: 600981

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	43.2
88	15.9	0.0	31.8

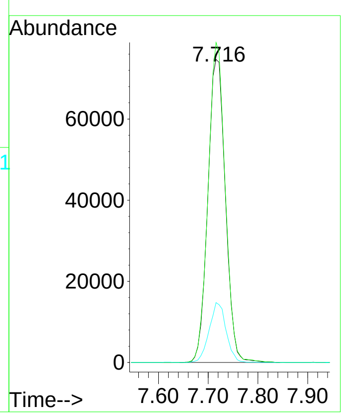


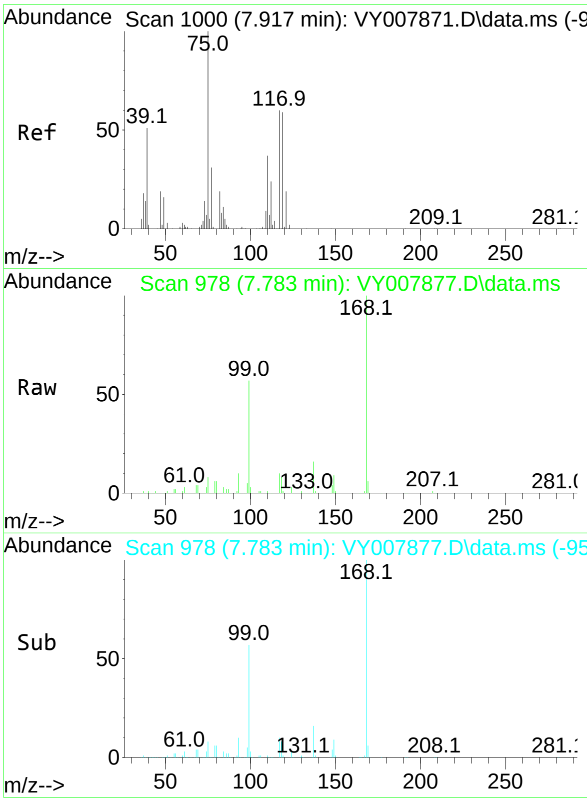


#35
Dibromofluoromethane
Concen: 43.529 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY007877.D
Acq: 17 Mar 2022 16:18

Tgt Ion:113 Resp: 183719

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	124.0
192	19.0	17.6	26.4



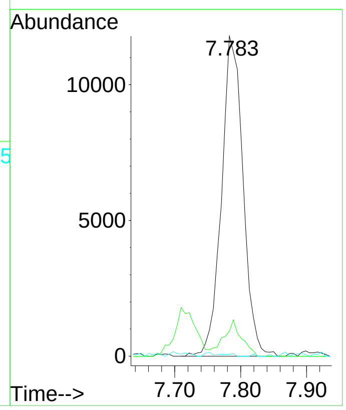


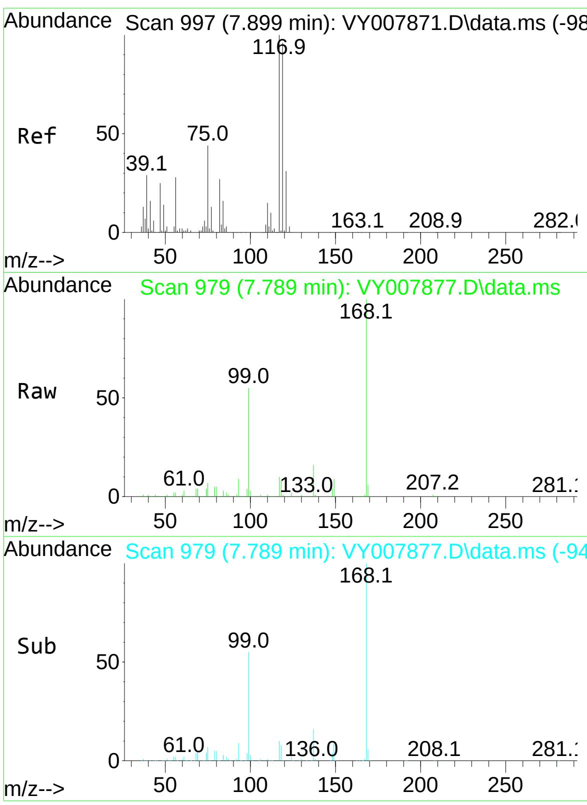
#36
1,1-Dichloropropene
Concen: 4.292 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.134 min
Lab File: VY007877.D
Acq: 17 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBL01

Tgt Ion: 75 Resp: 26868

Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.1	51.2#
77	0.4	24.4	36.6#

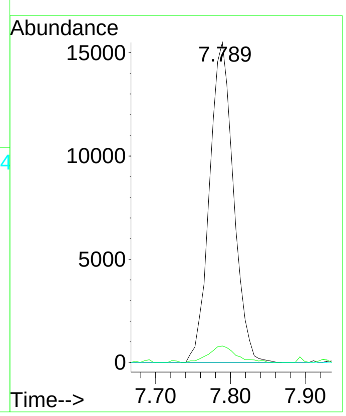


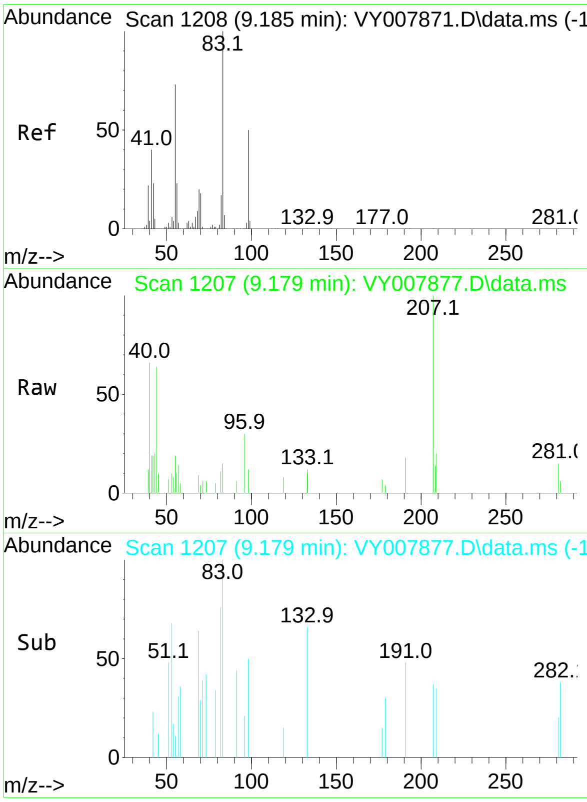


#38
Carbon Tetrachloride
Concen: 5.176 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY007877.D
Acq: 17 Mar 2022 16:18

Tgt Ion:117 Resp: 34626

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





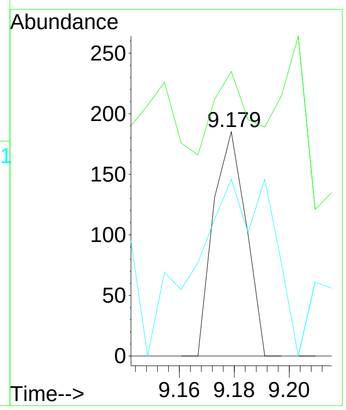
#39
Methylcyclohexane
Concen: Below Cal
RT: 9.179 min Scan# 1

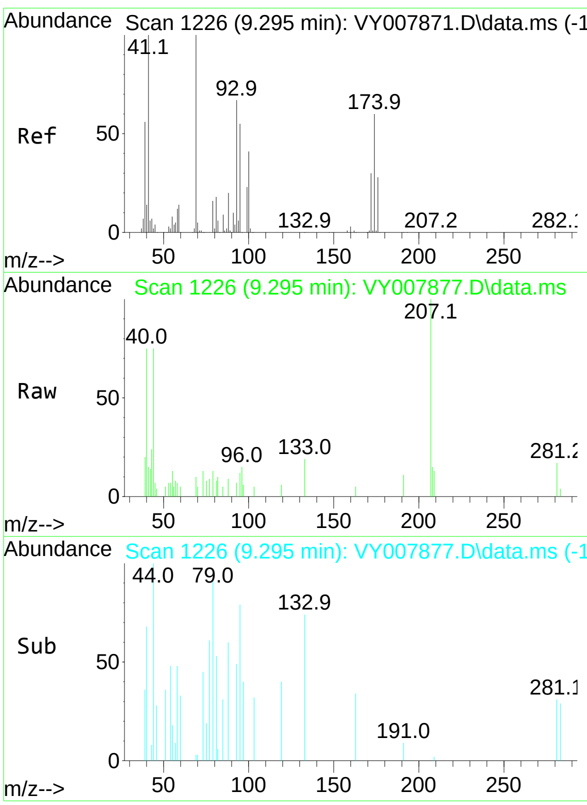
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBL01

Delta R.T. -0.006 min
Lab File: VY007877.D
Acq: 17 Mar 2022 16:18

Tgt Ion: 83 Resp: 152

Ion	Ratio	Lower	Upper
83	100		
55	31.9	66.5	99.7#
98	49.2	37.9	56.9

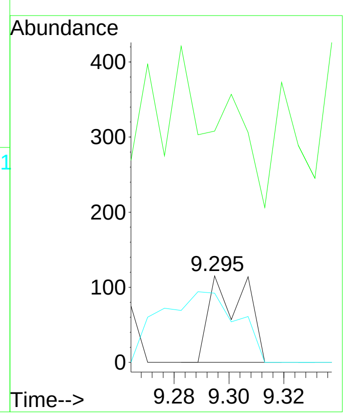


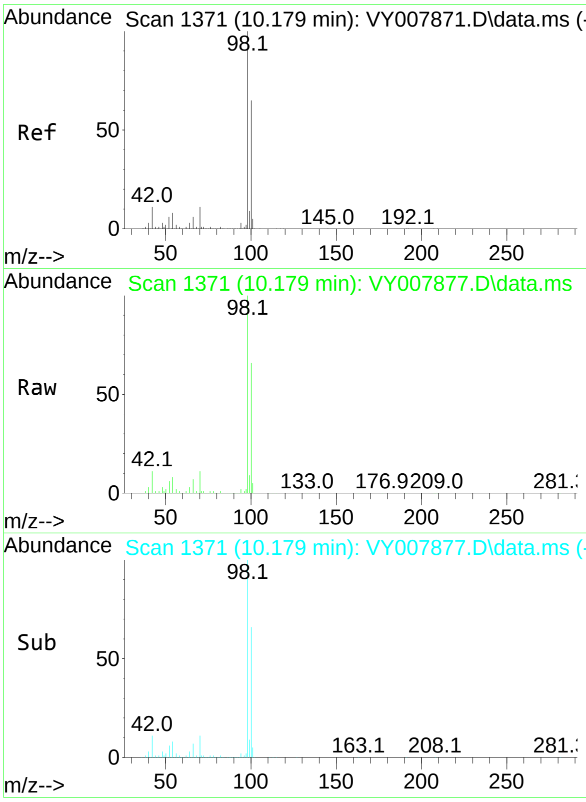


#49
1,4-Dioxane
Concen: 2.676 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY007877.D
Acq: 17 Mar 2022 16:18

Tgt Ion: 88 Resp: 105

Ion	Ratio	Lower	Upper
88	100		
43	0.0	32.8	49.2#
58	175.2	59.8	89.6#



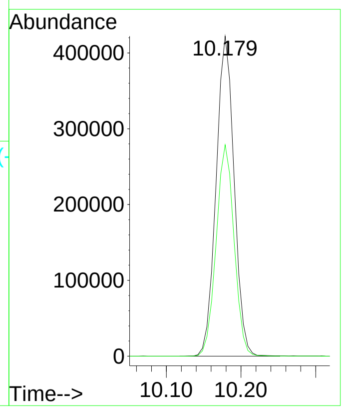


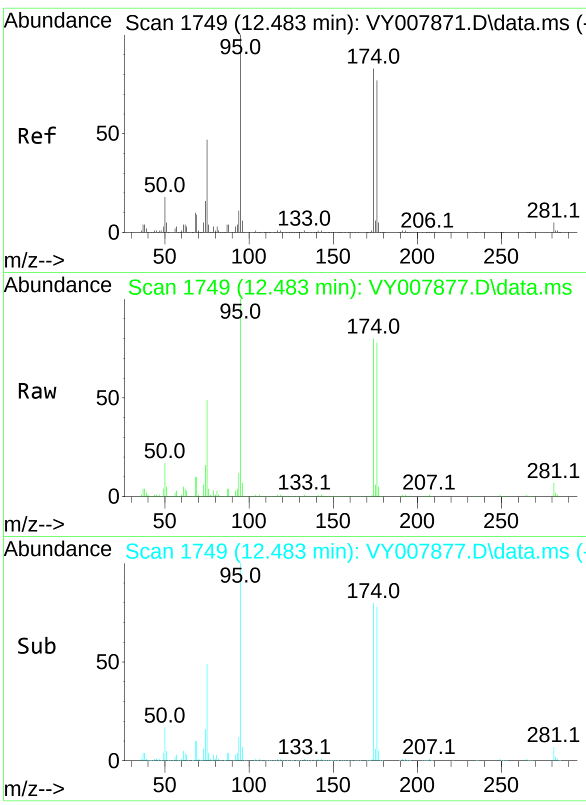
#50
Toluene-d8
Concen: 56.652 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007877.D
Acq: 17 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBL01

Tgt Ion: 98 Resp: 711956

Ion	Ratio	Lower	Upper
98	100		
100	65.6	50.2	75.2

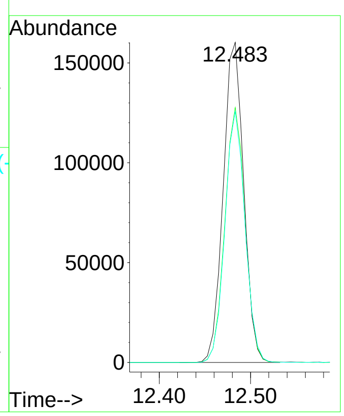


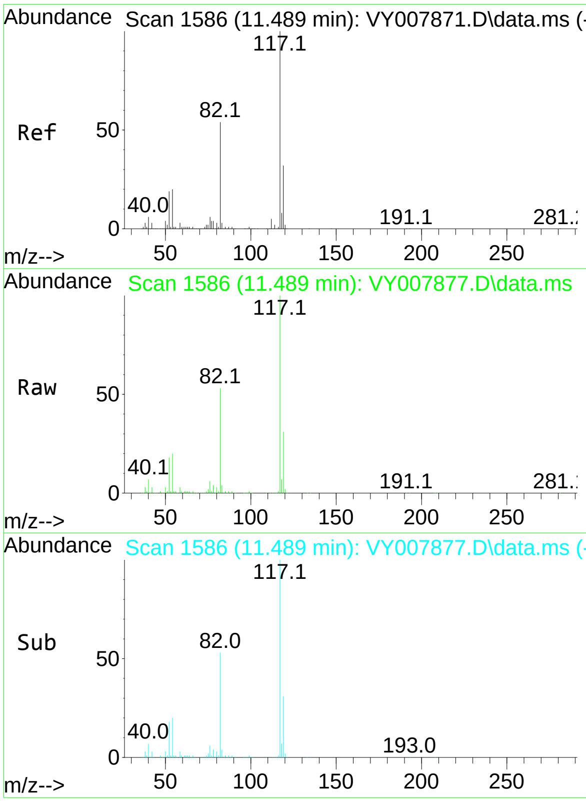


#62
4-Bromofluorobenzene
Concen: 41.437 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007877.D
Acq: 17 Mar 2022 16:18

Tgt Ion: 95 Resp: 251000

Ion	Ratio	Lower	Upper
95	100		
174	78.5	0.0	177.0
176	76.7	0.0	175.8



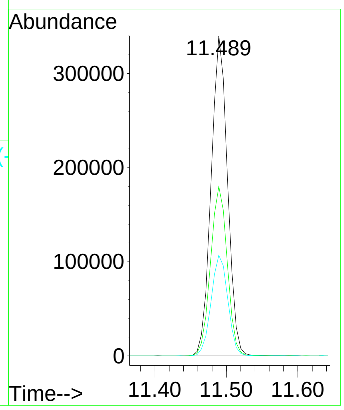


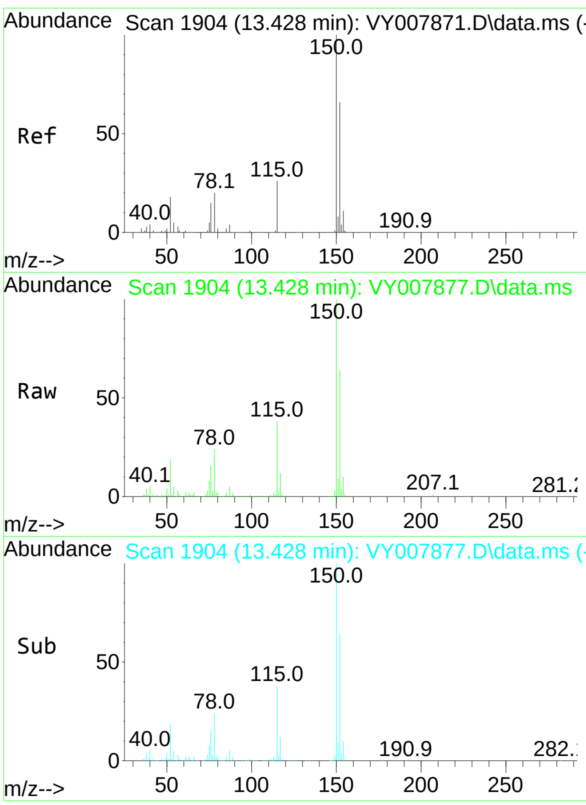
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007877.D
Acq: 17 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBL01

Tgt Ion:117 Resp: 542302

Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.0	64.4
119	31.4	25.4	38.0

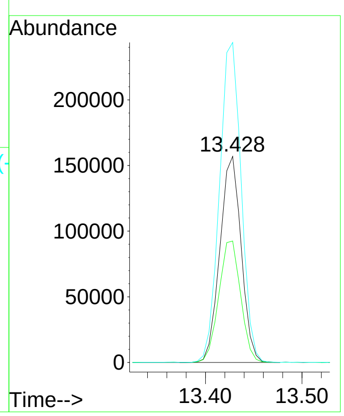


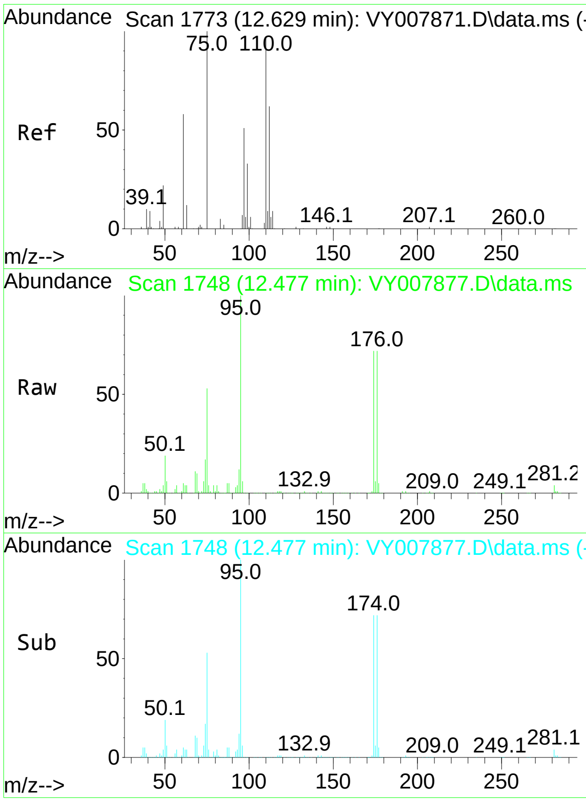


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007877.D
Acq: 17 Mar 2022 16:18

Tgt Ion:152 Resp: 240569

Ion	Ratio	Lower	Upper
152	100		
115	60.3	28.2	84.7
150	157.9	0.0	347.6



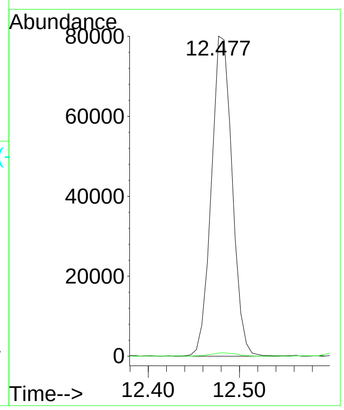


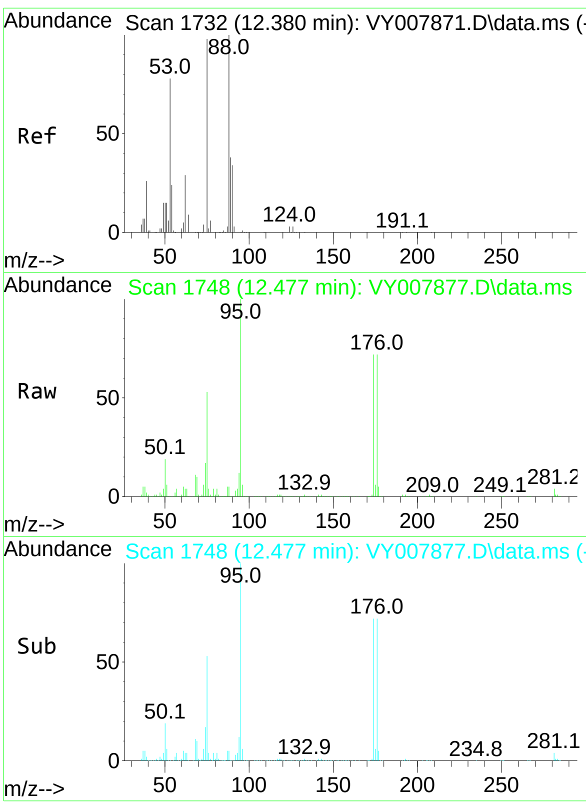
#76
1,2,3-Trichloropropane
Concen: 37.014 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.159 min
Lab File: VY007877.D
Acq: 17 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBL01

Tgt Ion: 75 Resp: 126919

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 77.745 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY007877.D
Acq: 17 Mar 2022 16:18

Tgt Ion: 75 Resp: 126919

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