Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041422\
Data File : VY008337.D
Acq On : 14 Apr 2022 18:58
Operator : KP/MD
Sample : N2401-07
Misc : 3.58g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CL-7-11.5

Quant Time: Apr 15 06:17:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	102245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	183336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	180626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	79810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60079	62.556	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.120%			
35) Dibromofluoromethane	7.716	113	58823	55.550	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.100%			
50) Toluene-d8	10.179	98	222364	61.369	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 122.740%			
62) 4-Bromofluorobenzene	12.483	95	80473	59.048	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	855	1.010	ug/l	97
3) Chloromethane	2.119	50	210	Below Cal	#	44
5) Bromomethane	2.668	94	207	Below Cal	#	44
7) Trichlorofluoromethane	3.125	101	15363	8.864	ug/l	85
11) Tert butyl alcohol	4.948	59	402	3.915	ug/l #	77
16) Acetone	3.936	43	928	4.017	ug/l	98
18) Methyl Acetate	4.466	43	197	Below Cal	#	56
19) Methyl tert-butyl Ether	5.216	73	5130	1.648	ug/l #	72
20) Methylene Chloride	4.710	84	9375	Below Cal	#	73
31) Cyclohexane	7.783	56	4536	2.612	ug/l #	29
36) 1,1-Dichloropropene	7.789	75	7646	4.522	ug/l #	51
38) Carbon Tetrachloride	7.783	117	10229	5.623	ug/l #	14
39) Methylcyclohexane	9.185	83	3698	1.700	ug/l #	83
52) Toluene	10.240	92	6221	1.875	ug/l	97
68) m/p-Xylenes	11.697	106	3374	1.274	ug/l	97
69) o-Xylene	12.026	106	5785	2.250	ug/l	90
76) 1,2,3-Trichloropropane	12.477	75	46186	52.325	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	46186	117.075	ug/l #	9

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041422\
Data File : VY008337.D
Acq On : 14 Apr 2022 18:58
Operator : KP/MD
Sample : N2401-07
Misc : 3.58g/5.0mL/MSVOA_Y/SOIL
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CL-7-11.5

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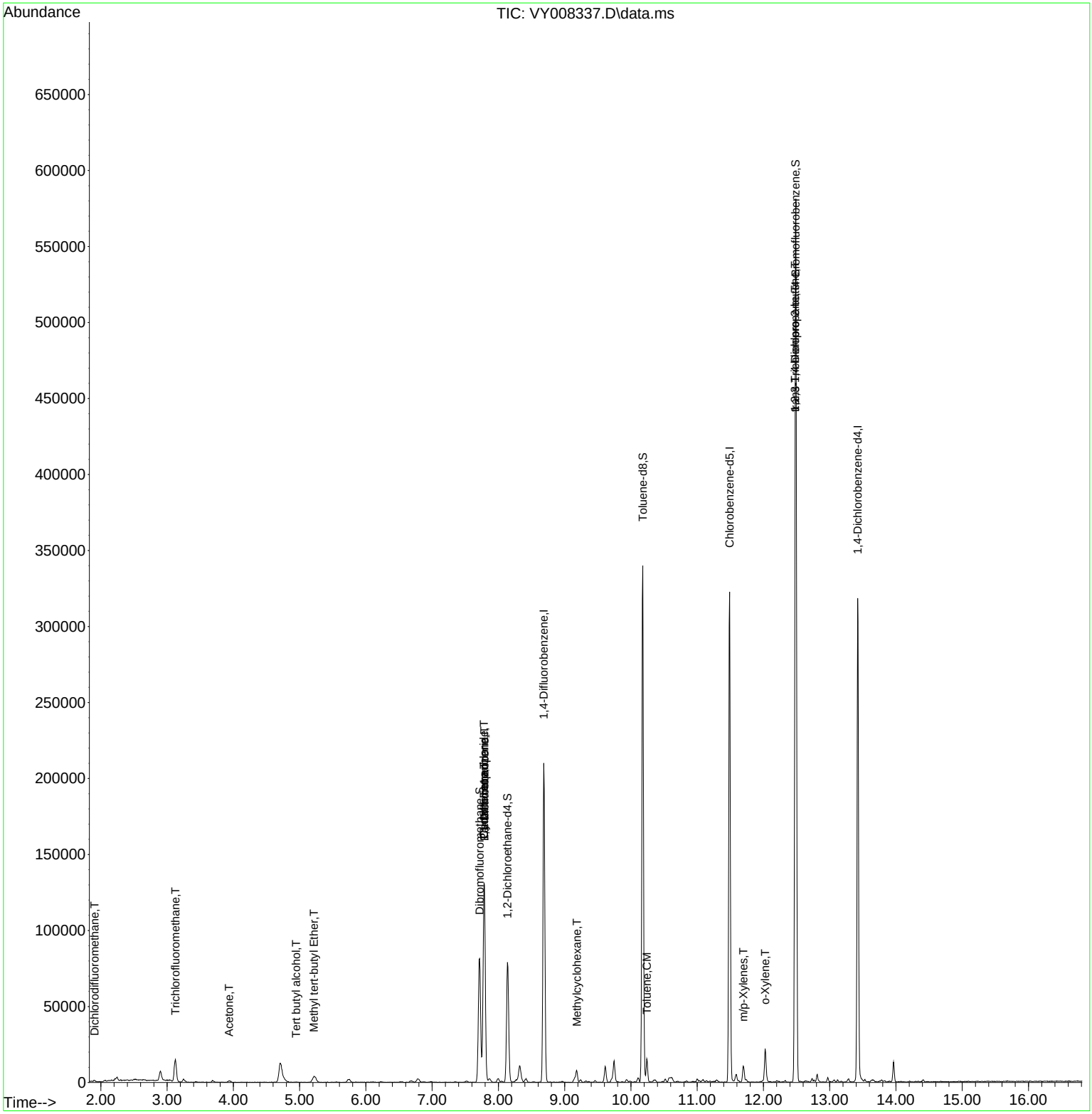
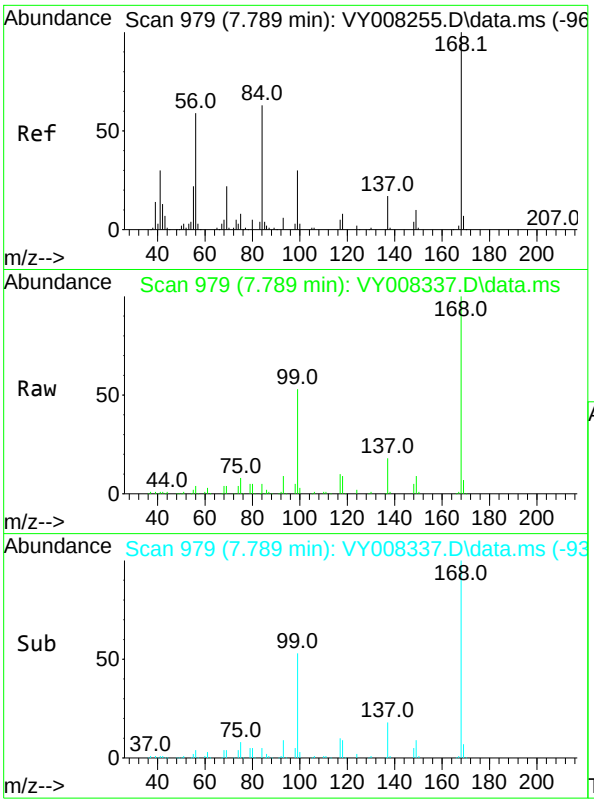


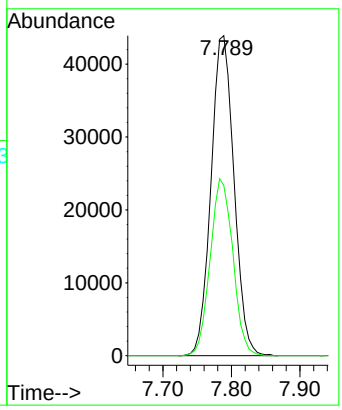


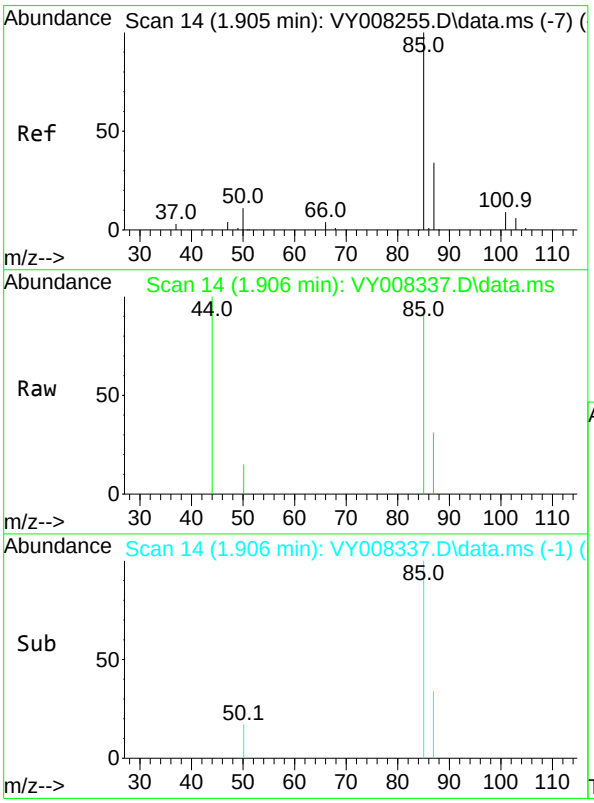
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY008337.D
Acq: 14 Apr 2022 18:58

Instrument :
MSVOA_Y
ClientSampleId :
CL-7-11.5

Tgt Ion:168 Resp: 102245

Ion	Ratio	Lower	Upper
168	100		
99	53.2	46.9	70.3

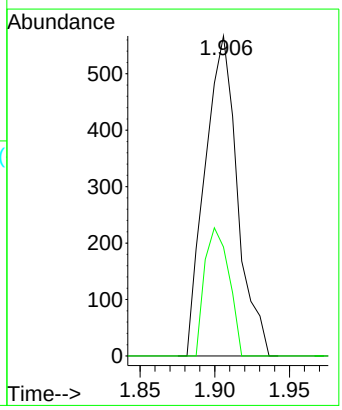


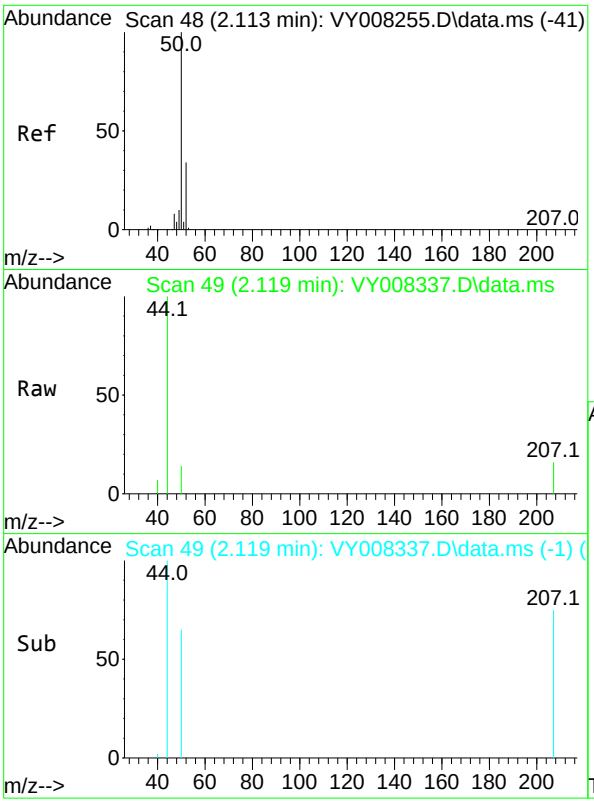


#2
Dichlorodifluoromethane
Concen: 1.010 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.001 min
Lab File: VY008337.D
Acq: 14 Apr 2022 18:58

Tgt Ion: 85 Resp: 855

Ion	Ratio	Lower	Upper
85	100		
87	34.0	16.1	48.2



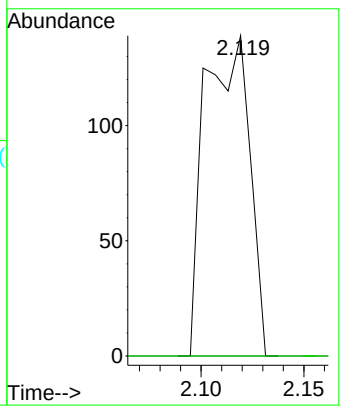


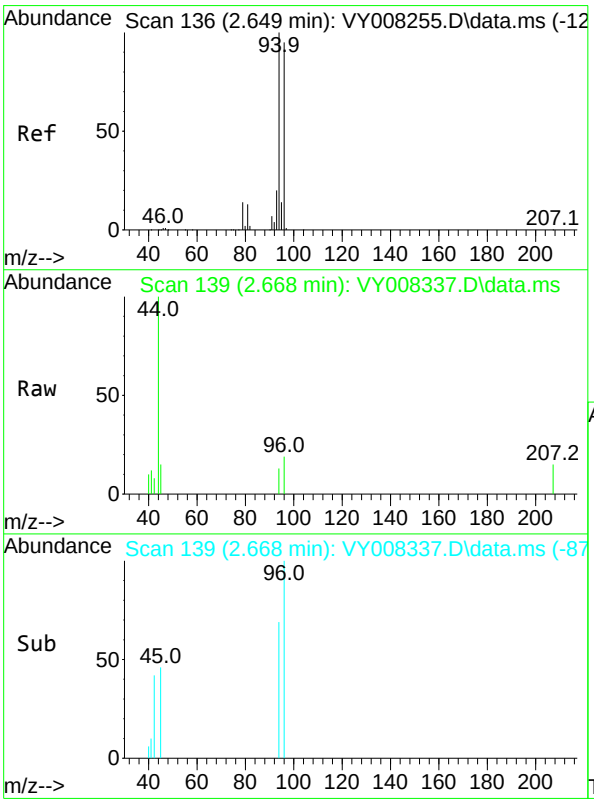
#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 4
Delta R.T. 0.006 min
Lab File: VY008337.D
Acq: 14 Apr 2022 18:58

Instrument :
MSVOA_Y
ClientSampleId :
CL-7-11.5

Tgt Ion: 50 Resp: 210

Ion	Ratio	Lower	Upper
50	100		
52	0.0	24.6	37.0#

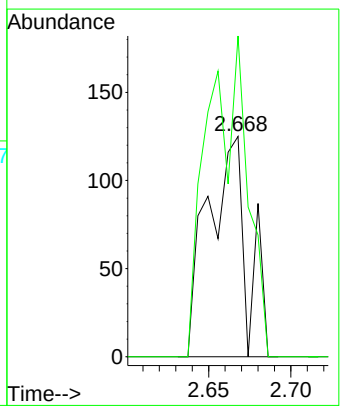


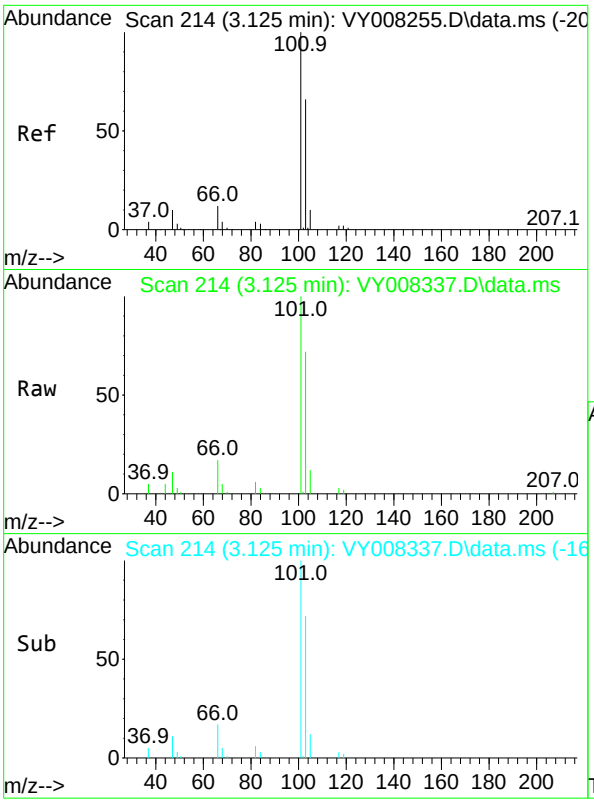


#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.019 min
Lab File: VY008337.D
Acq: 14 Apr 2022 18:58

Tgt Ion: 94 Resp: 207

Ion	Ratio	Lower	Upper
94	100		
96	145.6	73.5	110.3#



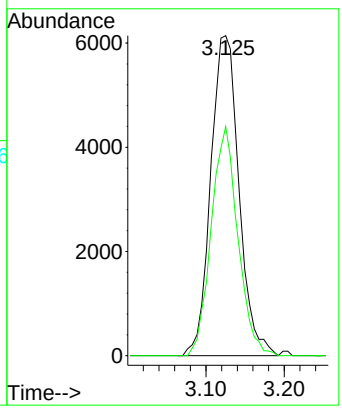


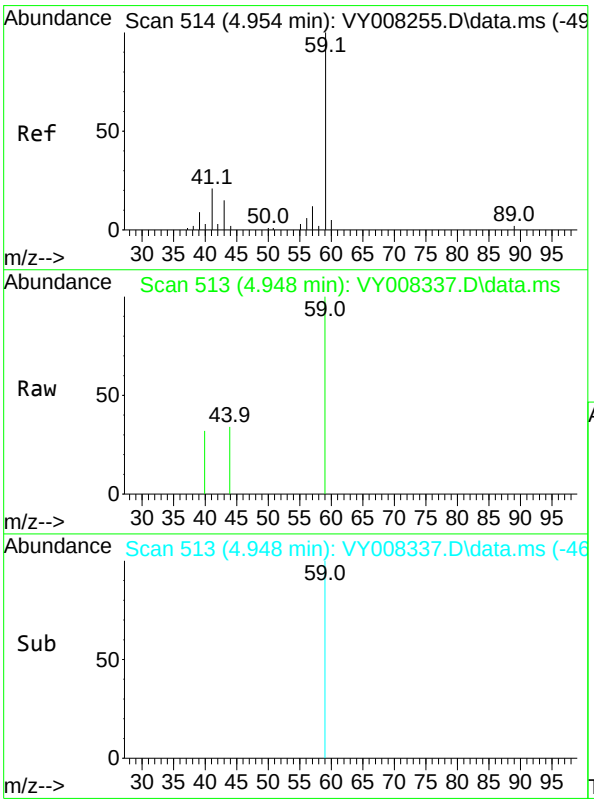
#7
Trichlorofluoromethane
Concen: 8.864 ug/l
RT: 3.125 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY008337.D
Acq: 14 Apr 2022 18:58

Instrument :
MSVOA_Y
ClientSampleId :
CL-7-11.5

Tgt Ion:101 Resp: 15363

Ion	Ratio	Lower	Upper
101	100		
103	71.6	48.0	72.0

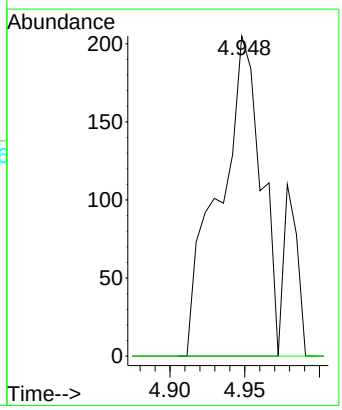


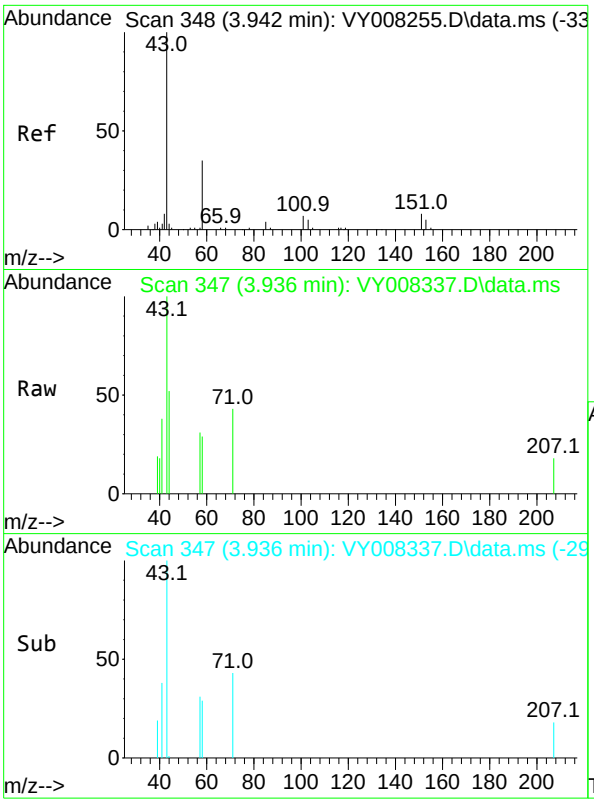


#11
Tert butyl alcohol
Concen: 3.915 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY008337.D
Acq: 14 Apr 2022 18:58

Tgt Ion: 59 Resp: 402

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#



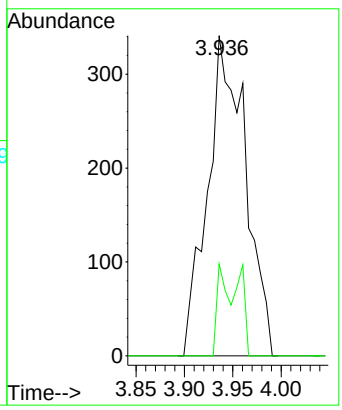


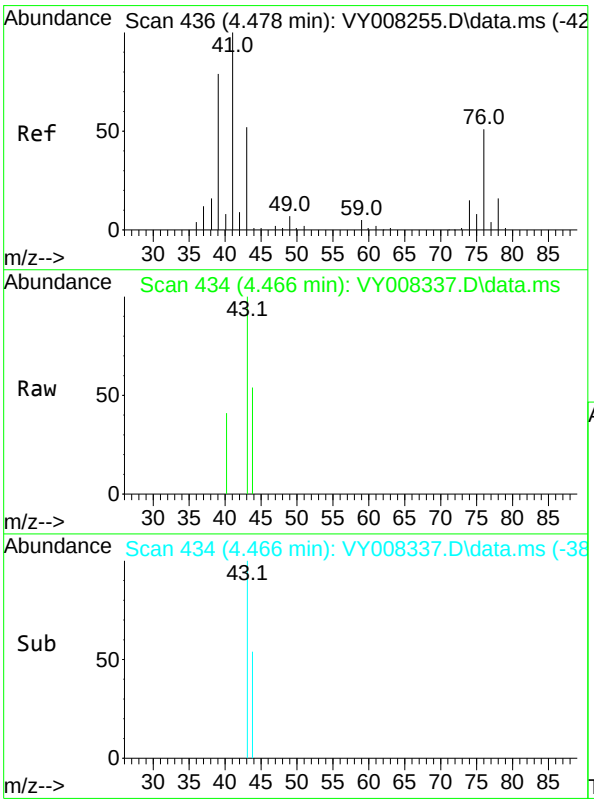
#16
Acetone
Concen: 4.017 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY008337.D
Acq: 14 Apr 2022 18:58

Instrument :
MSVOA_Y
ClientSampleId :
CL-7-11.5

Tgt Ion: 43 Resp: 928

Ion	Ratio	Lower	Upper
43	100		
58	28.7	22.0	33.0

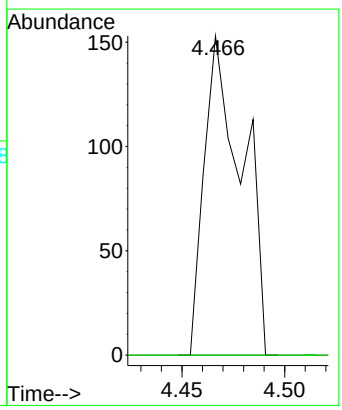


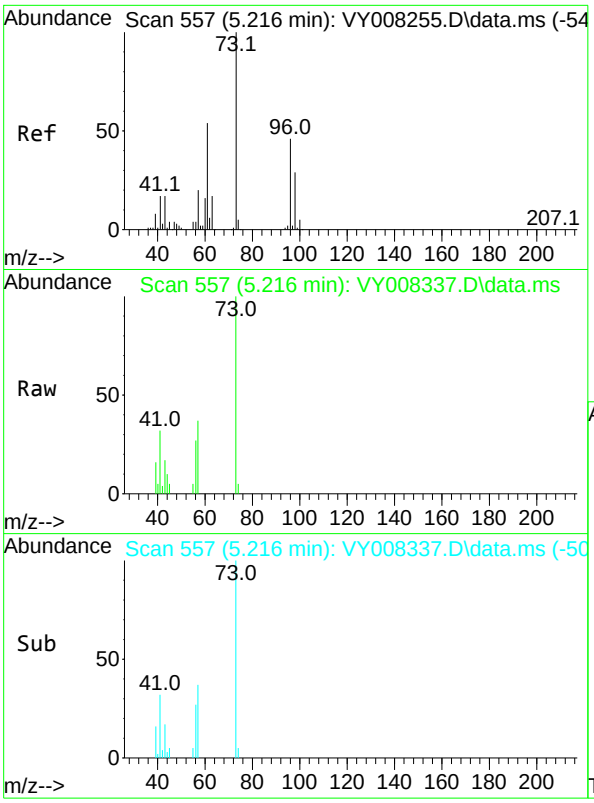


#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY008337.D
Acq: 14 Apr 2022 18:58

Tgt Ion: 43 Resp: 197

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.6	24.8#



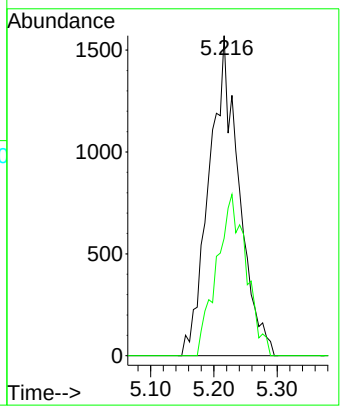


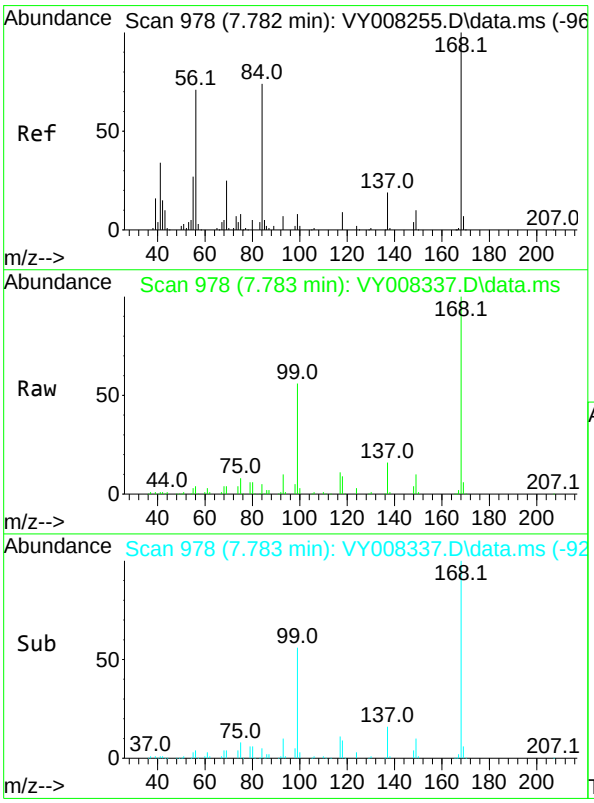
#19
Methyl tert-butyl Ether
Concen: 1.648 ug/l
RT: 5.216 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY008337.D
Acq: 14 Apr 2022 18:58

Instrument :
MSVOA_Y
ClientSampleId :
CL-7-11.5

Tgt Ion: 73 Resp: 5130

Ion	Ratio	Lower	Upper
73	100		
57	36.7	18.6	27.8#

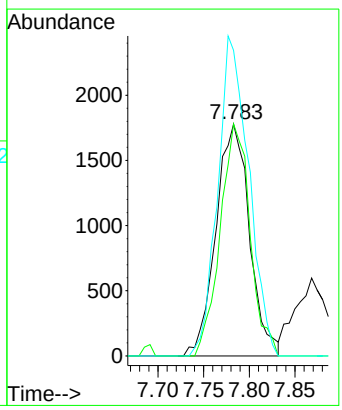


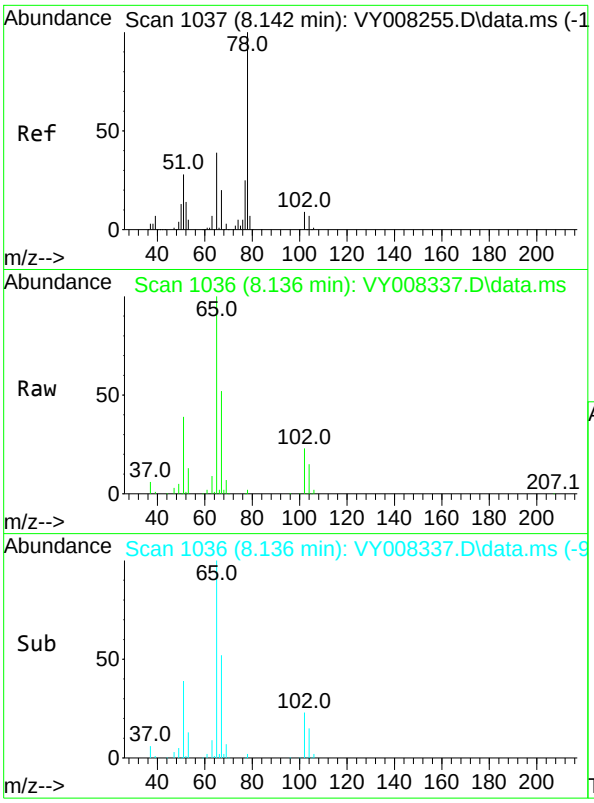


#31
Cyclohexane
Concen: 2.612 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.001 min
Lab File: VY008337.D
Acq: 14 Apr 2022 18:58

Tgt Ion: 56 Resp: 4536

Ion	Ratio	Lower	Upper
56	100		
69	100.1	26.7	40.1#
84	131.8	67.2	100.8#



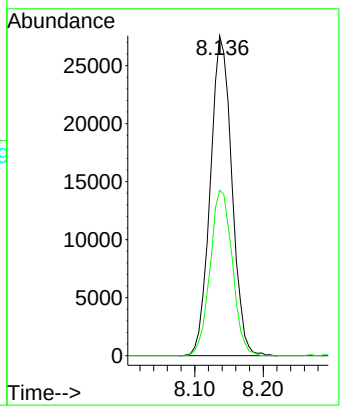


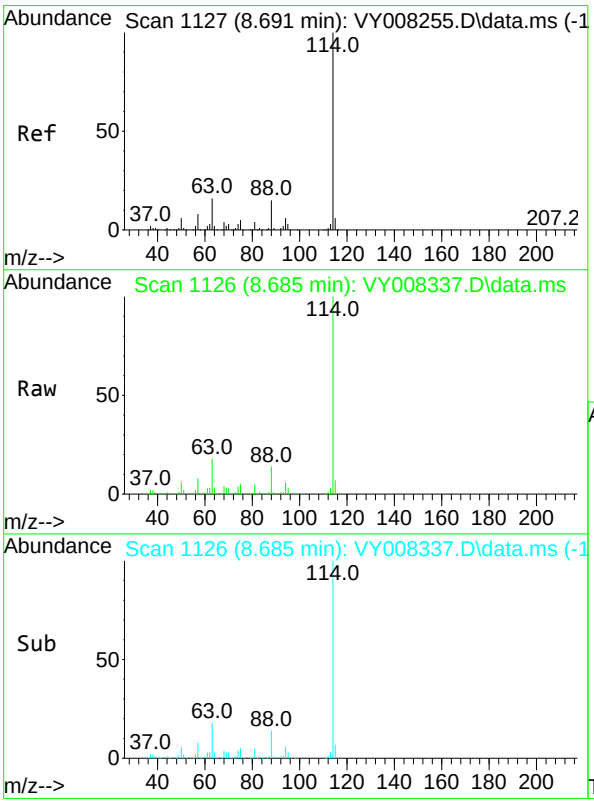
#33
1,2-Dichloroethane-d4
Concen: 62.556 ug/l
RT: 8.136 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY008337.D
Acq: 14 Apr 2022 18:58

Instrument :
MSVOA_Y
ClientSampleId :
CL-7-11.5

Tgt Ion: 65 Resp: 60079

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	99.4

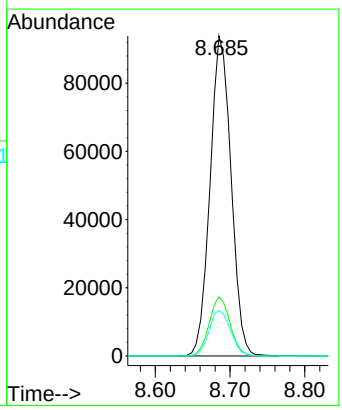


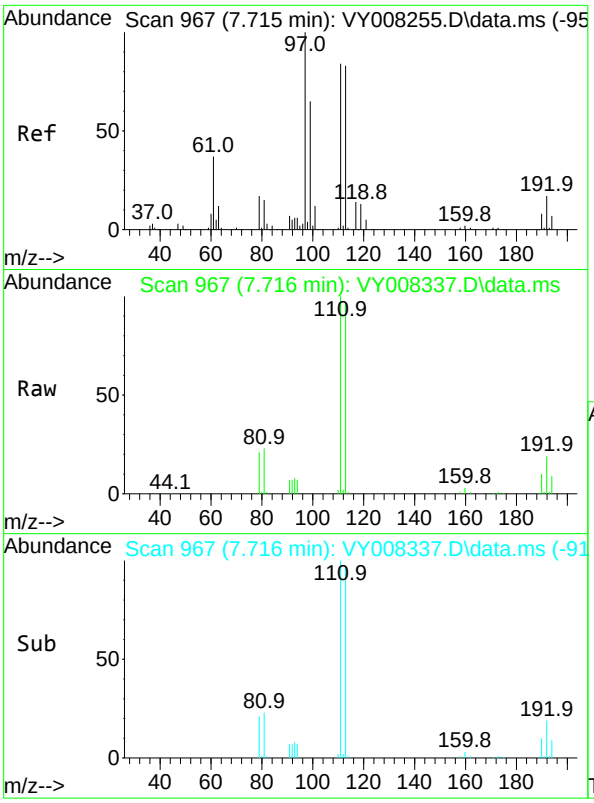


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY008337.D
Acq: 14 Apr 2022 18:58

Tgt Ion:114 Resp: 183336

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	43.2
88	14.1	0.0	31.8



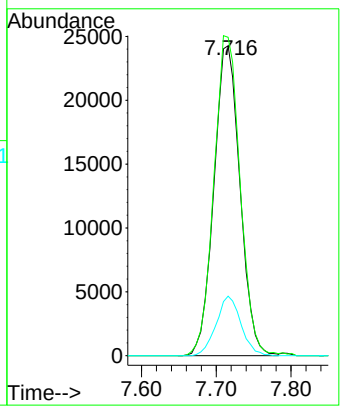


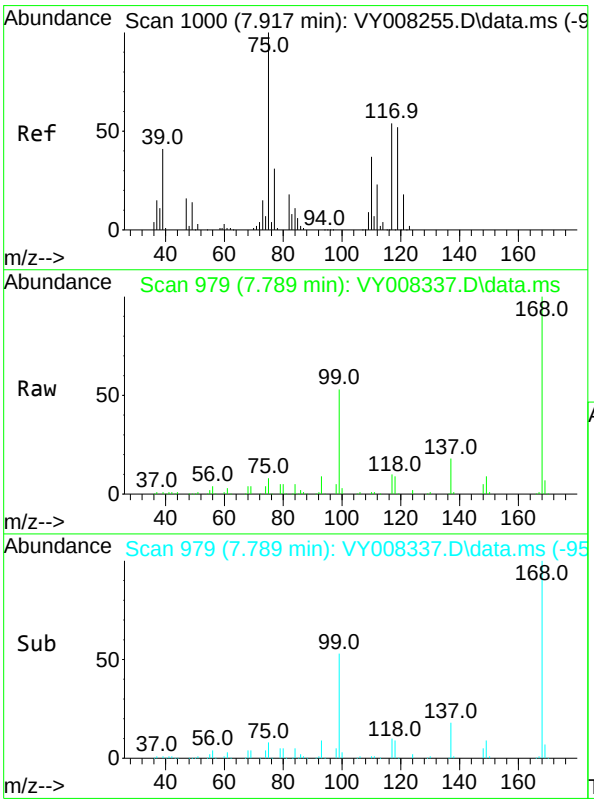
#35
Dibromofluoromethane
Concen: 55.550 ug/l
RT: 7.716 min Scan# 9
Delta R.T. 0.001 min
Lab File: VY008337.D
Acq: 14 Apr 2022 18:58

Instrument :
MSVOA_Y
ClientSampleId :
CL-7-11.5

Tgt Ion:113 Resp: 58823

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	124.0
192	18.3	17.6	26.4

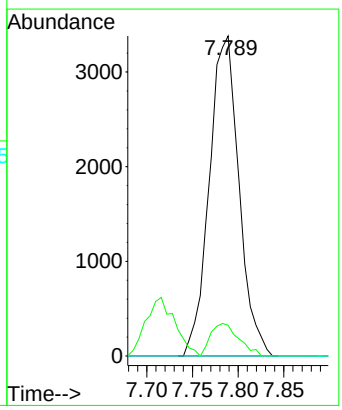


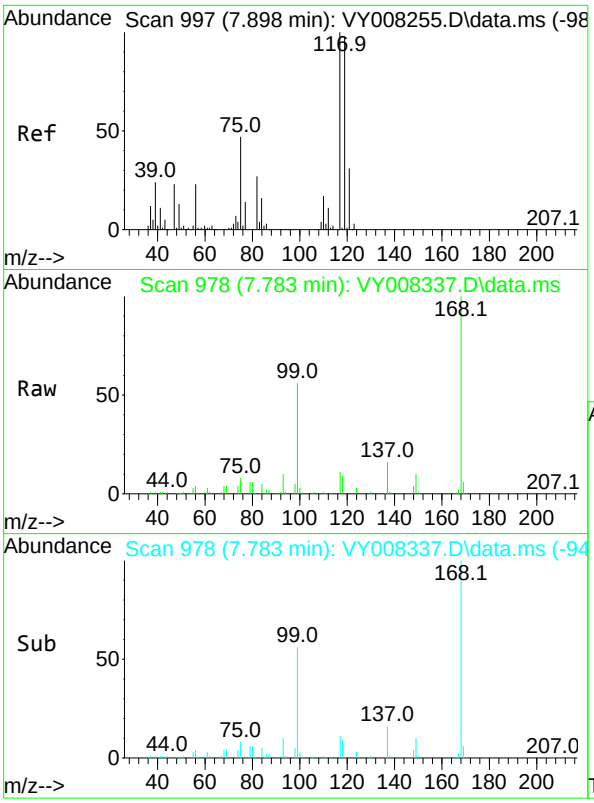


#36
1,1-Dichloropropene
Concen: 4.522 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008337.D
Acq: 14 Apr 2022 18:58

Tgt Ion: 75 Resp: 7646

Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.1	51.2#
77	0.0	24.4	36.6#



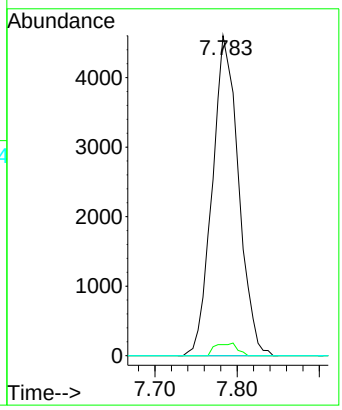


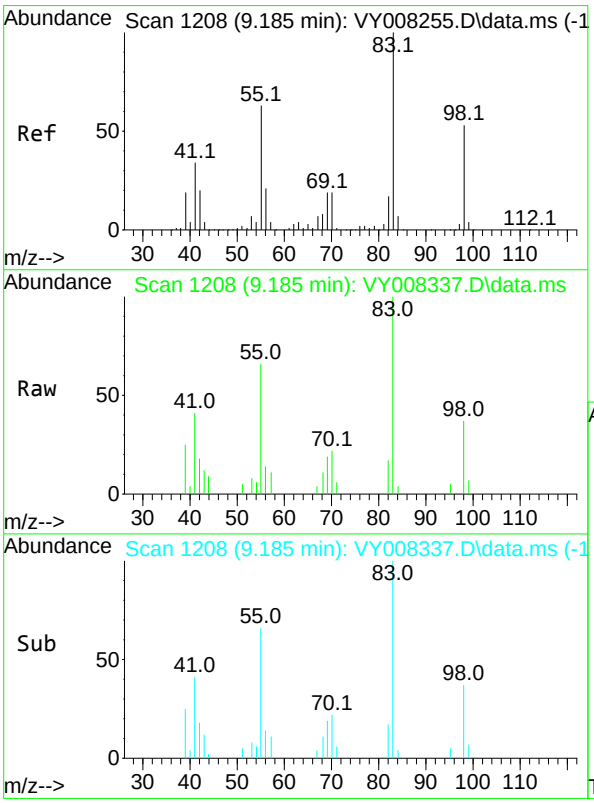
#38
Carbon Tetrachloride
Concen: 5.623 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.115 min
Lab File: VY008337.D
Acq: 14 Apr 2022 18:58

Instrument :
MSVOA_Y
ClientSampleId :
CL-7-11.5

Tgt Ion:117 Resp: 10229

Ion	Ratio	Lower	Upper
117	100		
119	3.4	77.9	116.9#
121	0.0	24.8	37.2#

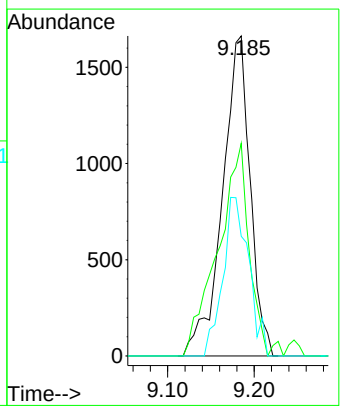


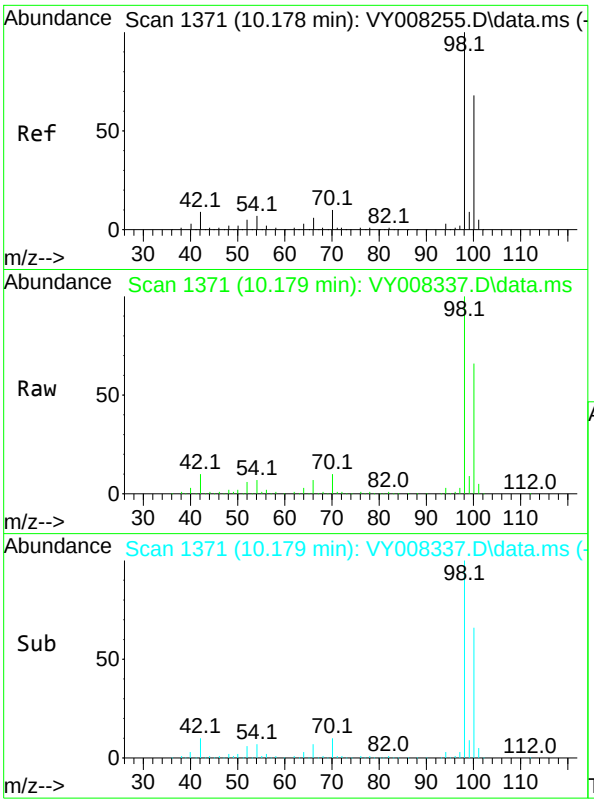


#39
Methylcyclohexane
Concen: 1.700 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY008337.D
Acq: 14 Apr 2022 18:58

Tgt Ion: 83 Resp: 3698

Ion	Ratio	Lower	Upper
83	100		
55	66.4	66.5	99.7#
98	37.4	37.9	56.9#



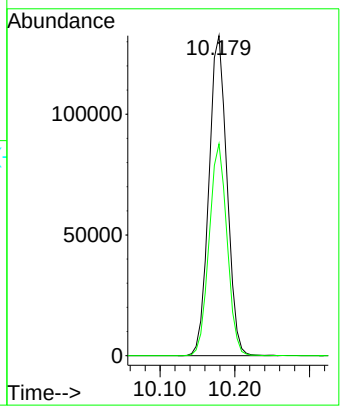


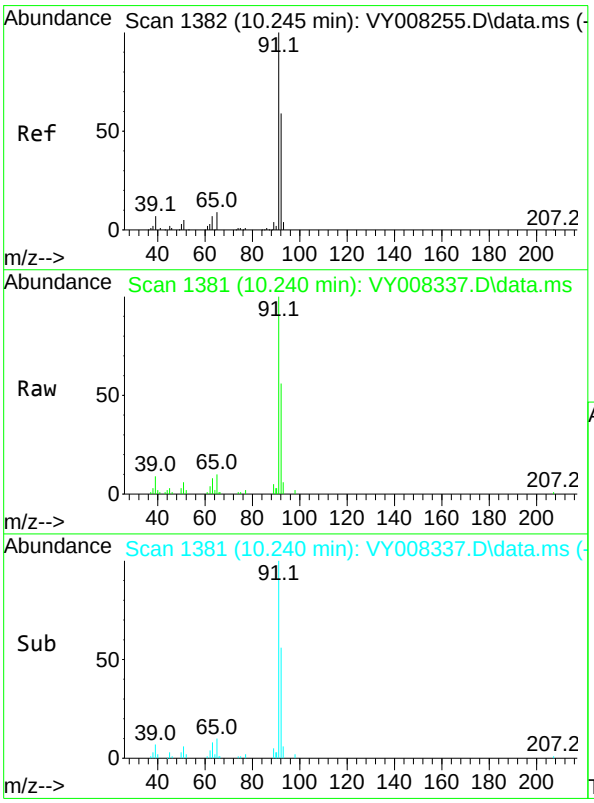
#50
Toluene-d8
Concen: 61.369 ug/l
RT: 10.179 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY008337.D
Acq: 14 Apr 2022 18:58

Instrument :
MSVOA_Y
ClientSampleId :
CL-7-11.5

Tgt Ion: 98 Resp: 222364

Ion	Ratio	Lower	Upper
98	100		
100	65.5	50.2	75.2

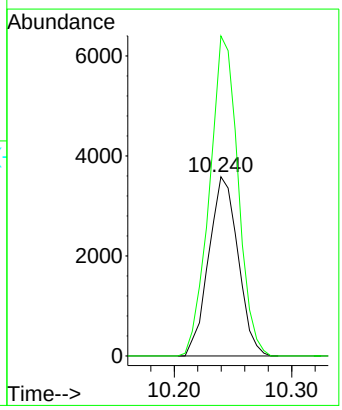


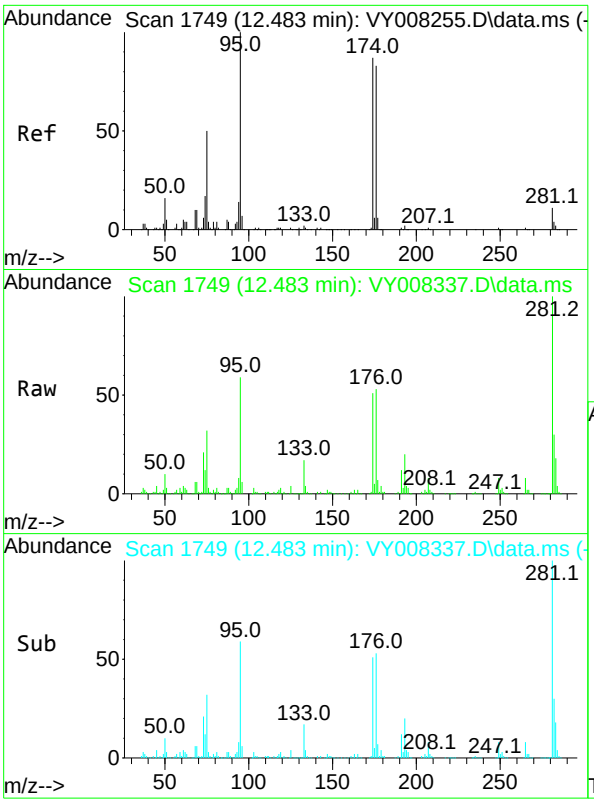


#52
Toluene
Concen: 1.875 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.005 min
Lab File: VY008337.D
Acq: 14 Apr 2022 18:58

Tgt Ion: 92 Resp: 6221

Ion	Ratio	Lower	Upper
92	100		
91	173.8	142.6	213.8



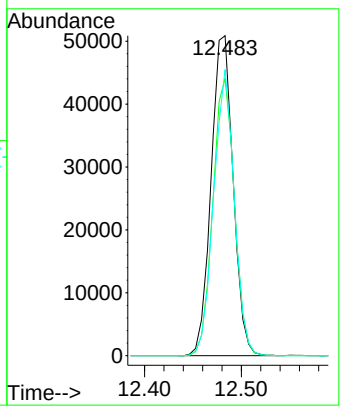


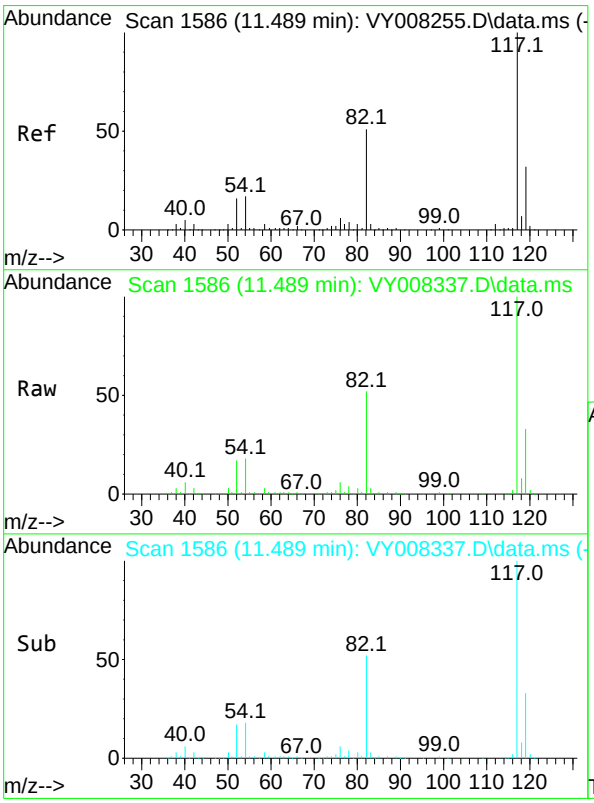
#62
4-Bromofluorobenzene
Concen: 59.048 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY008337.D
Acq: 14 Apr 2022 18:58

Instrument :
MSVOA_Y
ClientSampleId :
CL-7-11.5

Tgt Ion: 95 Resp: 80473

Ion	Ratio	Lower	Upper
95	100		
174	84.9	0.0	177.0
176	83.7	0.0	175.8

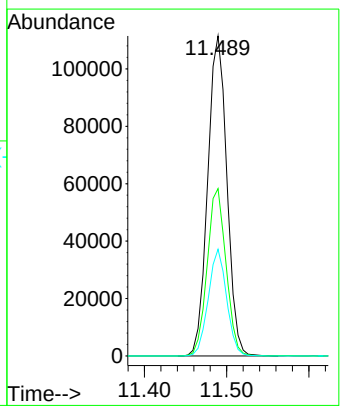


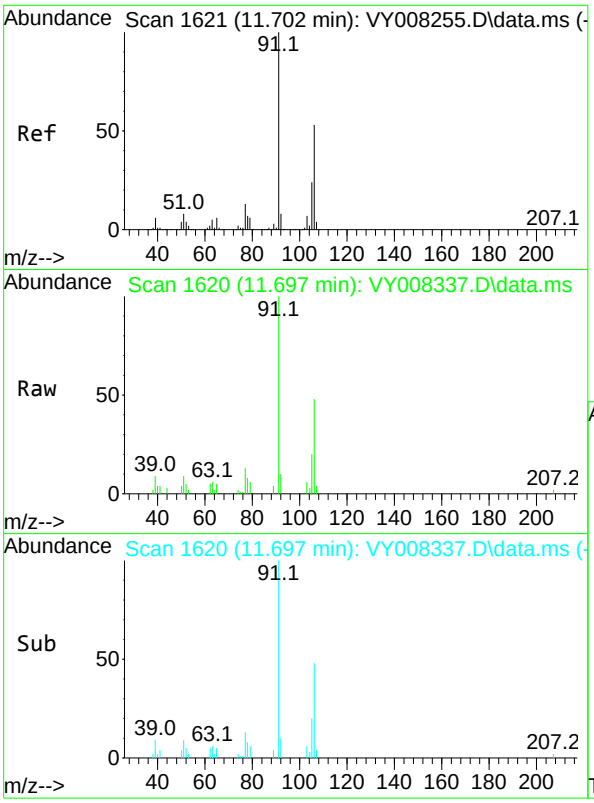


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008337.D
Acq: 14 Apr 2022 18:58

Tgt Ion:117 Resp: 180626

Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.0	64.4
119	33.3	25.4	38.0



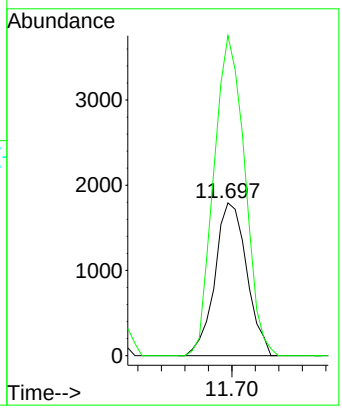


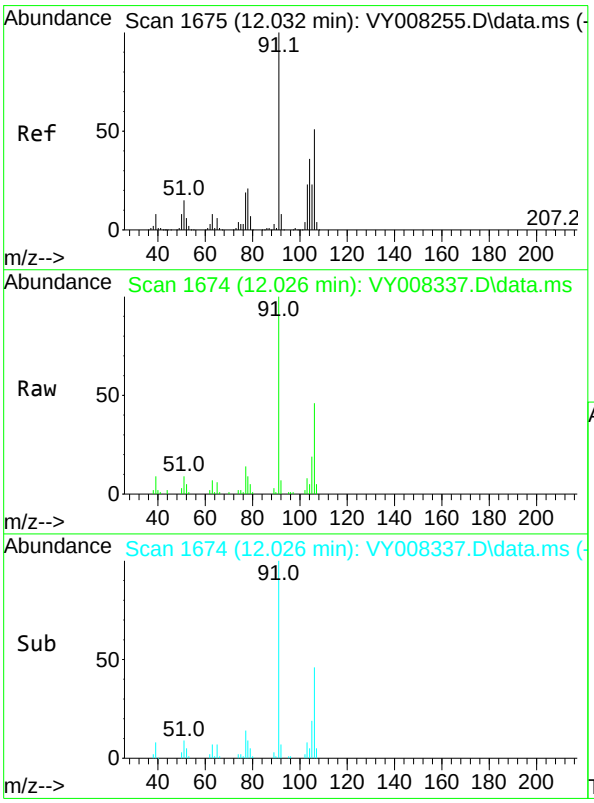
#68
m/p-Xylenes
Concen: 1.274 ug/l
RT: 11.697 min Scan# 1
Delta R.T. -0.005 min
Lab File: VY008337.D
Acq: 14 Apr 2022 18:58

Instrument :
MSVOA_Y
ClientSampleId :
CL-7-11.5

Tgt Ion:106 Resp: 3374

Ion	Ratio	Lower	Upper
106	100		
91	203.4	166.6	249.8

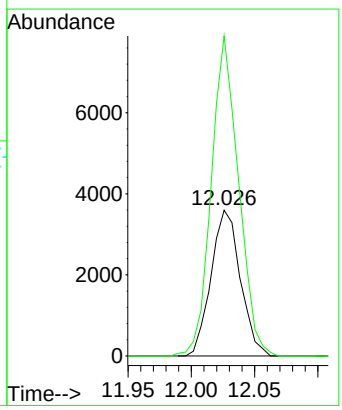


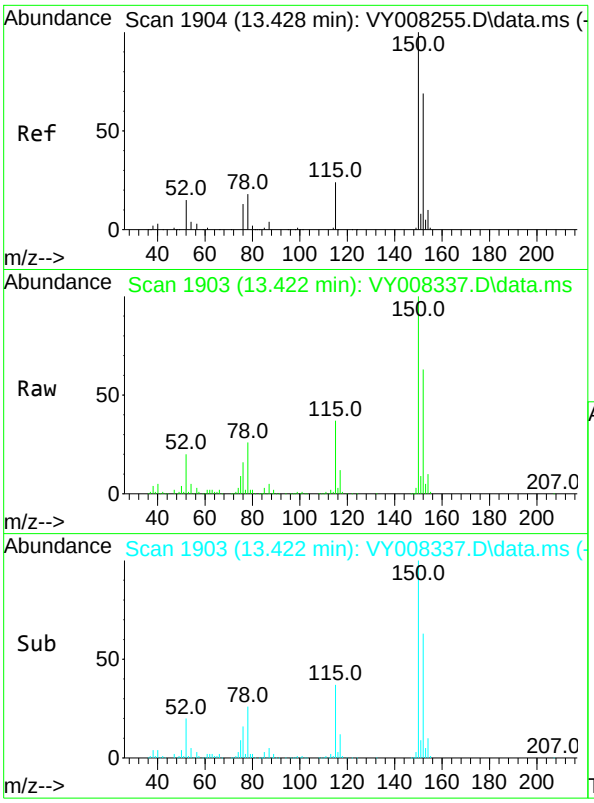


#69
o-Xylene
Concen: 2.250 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY008337.D
Acq: 14 Apr 2022 18:58

Tgt Ion:106 Resp: 5785

Ion	Ratio	Lower	Upper
106	100		
91	204.6	110.3	331.0



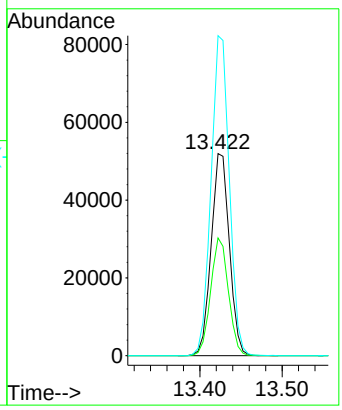


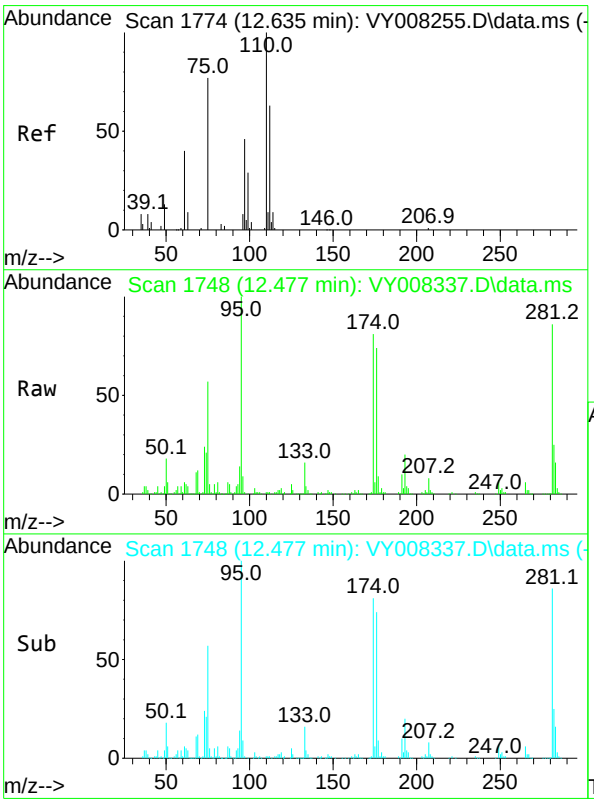
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY008337.D
Acq: 14 Apr 2022 18:58

Instrument :
MSVOA_Y
ClientSampleId :
CL-7-11.5

Tgt Ion:152 Resp: 79810

Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.2	84.7
150	158.8	0.0	347.6

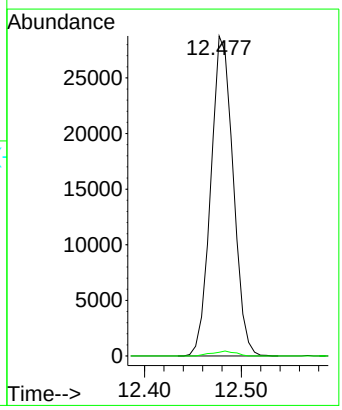


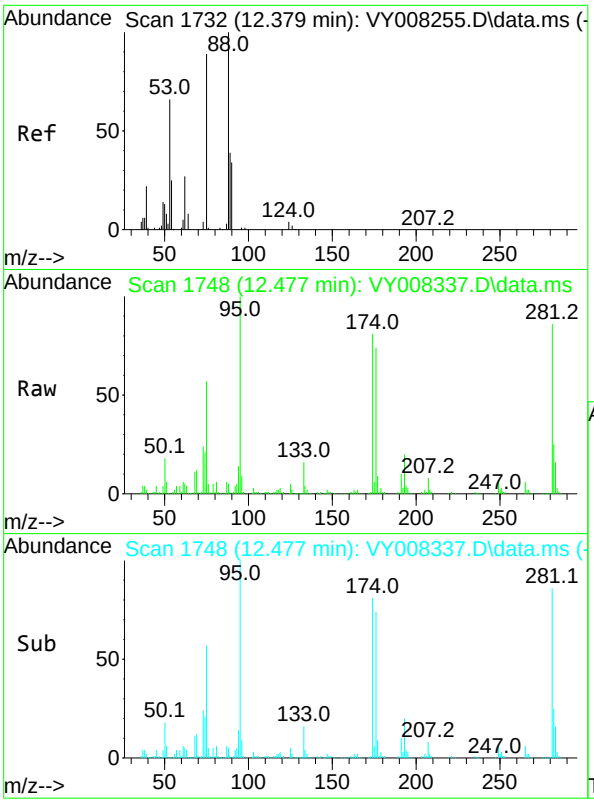


#76
1,2,3-Trichloropropane
Concen: 52.325 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY008337.D
Acq: 14 Apr 2022 18:58

Tgt Ion: 75 Resp: 46186

Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 117.075 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.098 min
Lab File: VY008337.D
Acq: 14 Apr 2022 18:58

Instrument :
MSVOA_Y
ClientSampleId :
CL-7-11.5

Tgt Ion: 75 Resp: 46186

Ion	Ratio	Lower	Upper
75	100		
53	0.2	85.3	127.9#
89	2.7	37.0	55.4#