Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
Data File : VY011175.D
Acq On : 28 Oct 2022 23:43
Operator : KP/MD
Sample : N5261-02
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Quant Time: Oct 29 00:47:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 28 23:42:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	247859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	432725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	367060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	150622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	153722	59.980	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.960%			
35) Dibromofluoromethane	7.716	113	153444	57.662	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.320%			
50) Toluene-d8	10.179	98	546557	51.844	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.680%			
62) 4-Bromofluorobenzene	12.477	95	160084	46.407	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.820%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	82	Below Cal	#	55
3) Chloromethane	2.113	50	454	Below Cal	#	82
4) Vinyl Chloride	2.333	62	19	Below Cal	#	43
5) Bromomethane	2.662	94	664	Below Cal		94
11) Tert butyl alcohol	4.942	59	4831	15.468	ug/l #	77
16) Acetone	3.948	43	872	1.391	ug/l	92
17) Carbon Disulfide	4.186	76	155	Below Cal	#	75
18) Methyl Acetate	4.479	43	282	Below Cal	#	56
20) Methylene Chloride	4.716	84	36107	8.320	ug/l #	84
25) 2-Butanone	6.984	43	2105	2.342	ug/l	98
31) Cyclohexane	7.789	56	4806	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	18908	5.450	ug/l #	50
37) Ethyl Acetate	6.984	43	2105	1.072	ug/l #	1
38) Carbon Tetrachloride	7.789	117	24344	6.442	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	79129	50.530	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	79129	107.310	ug/l #	7
95) Naphthalene	15.233	128	1734	4.647	ug/l #	97

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

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Quant Time: Oct 29 00:47:26 2022
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Quant Title : SW846 8260
QLast Update : Fri Oct 28 23:42:14 2022
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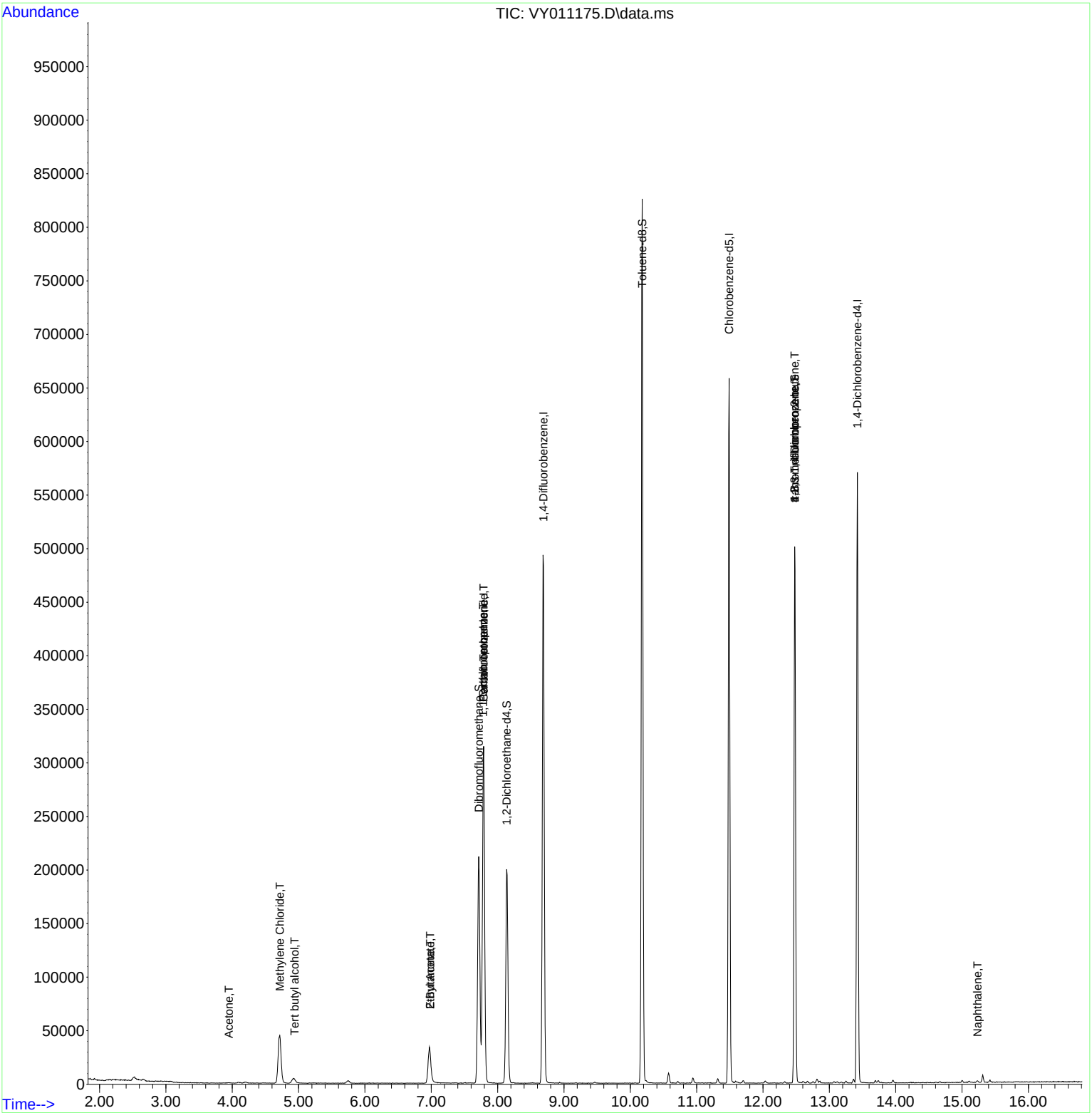
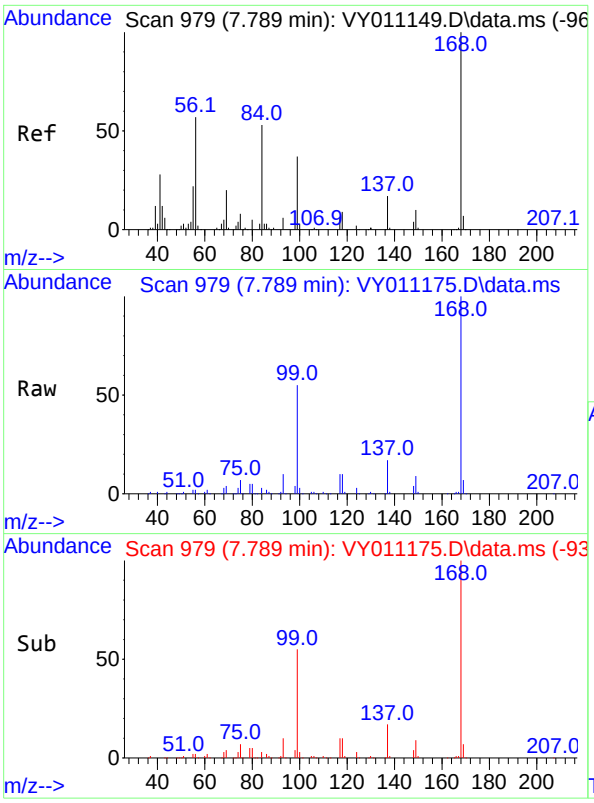


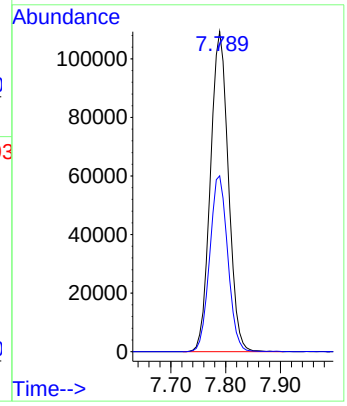


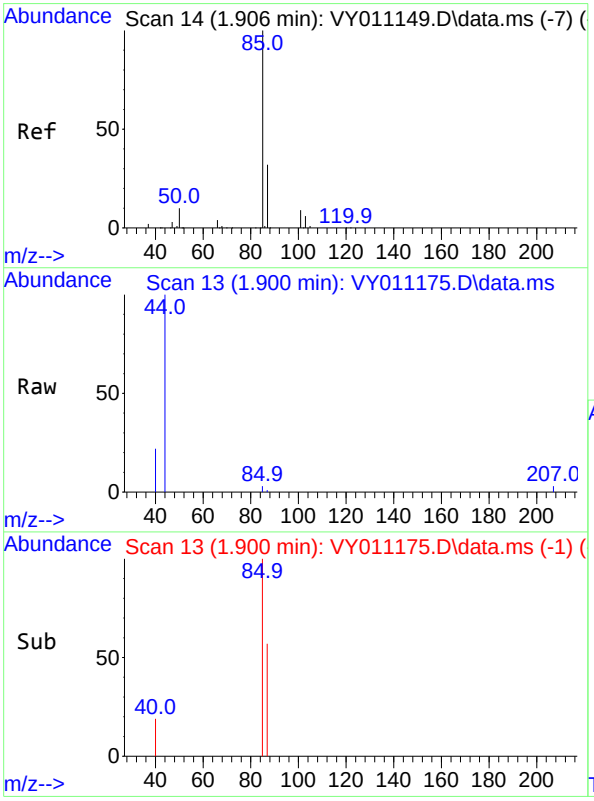
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:168 Resp: 247859

Ion	Ratio	Lower	Upper
168	100		
99	54.9	46.9	70.3

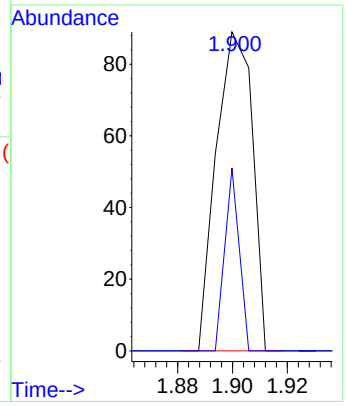


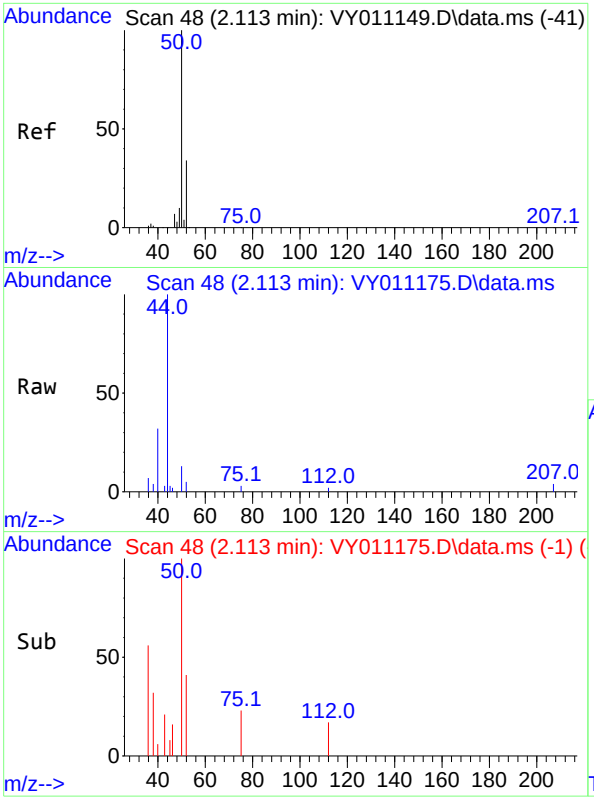


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Tgt Ion: 85 Resp: 82

Ion	Ratio	Lower	Upper
85	100		
87	57.3	16.1	48.2#



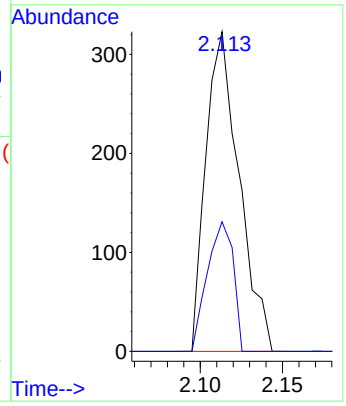


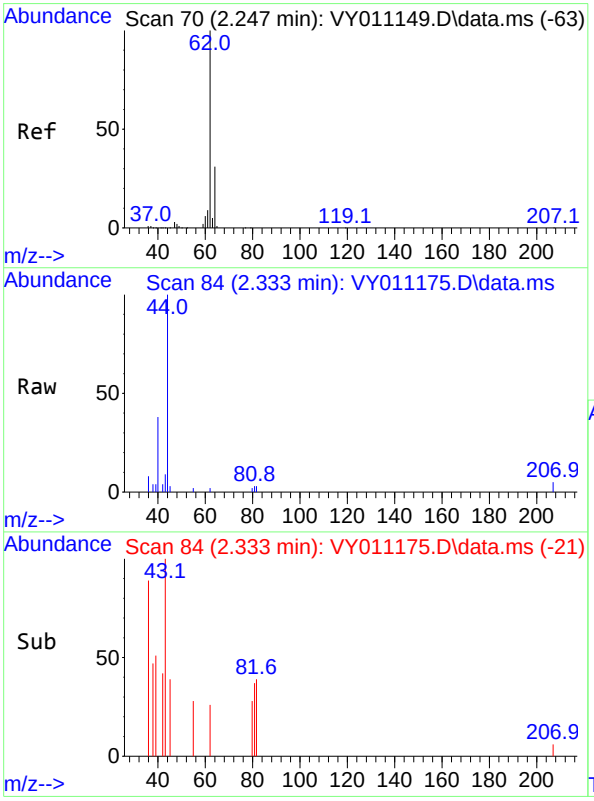
#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 4
Delta R.T. 0.000 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 50 Resp: 454

Ion	Ratio	Lower	Upper
50	100		
52	40.6	24.6	37.0#

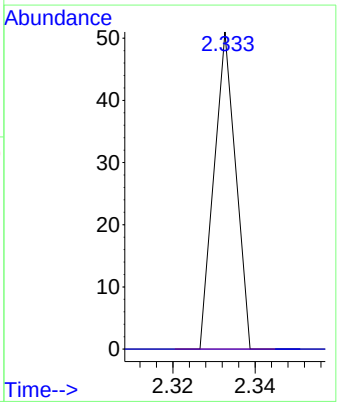


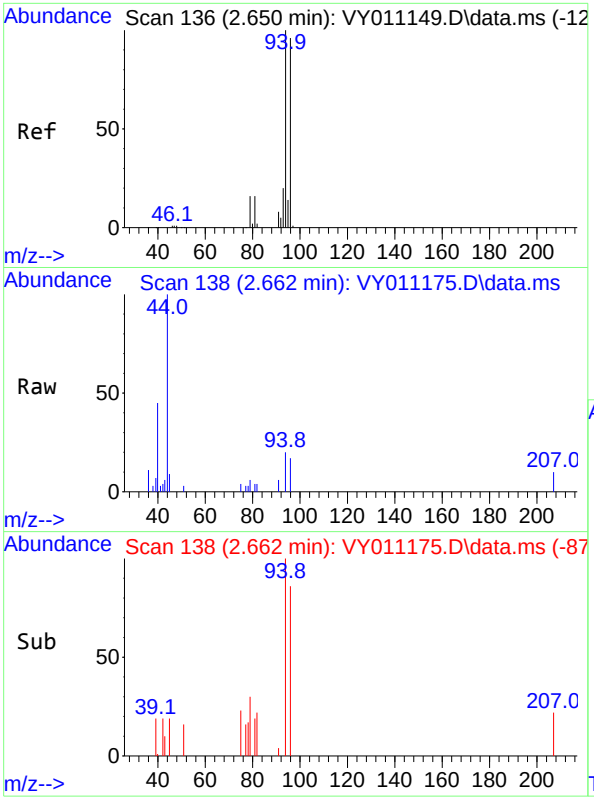


#4
Vinyl Chloride
Concen: Below Cal
RT: 2.333 min Scan# 84
Delta R.T. 0.086 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Tgt Ion: 62 Resp: 19

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.0	37.6#



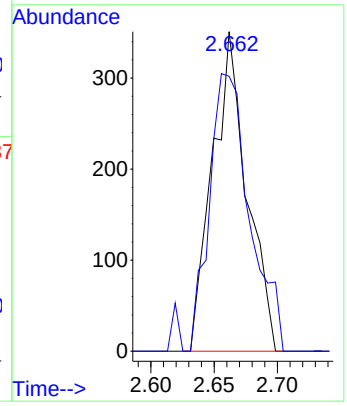


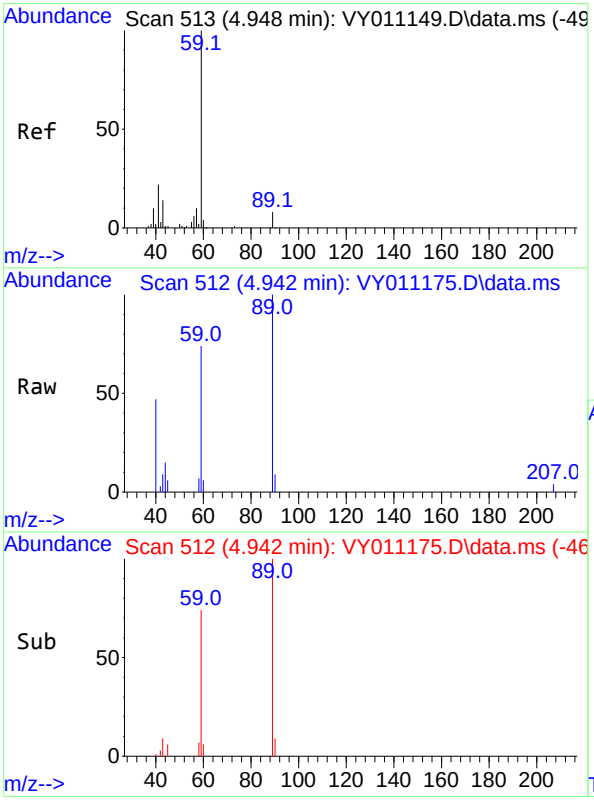
#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 94 Resp: 664

Ion	Ratio	Lower	Upper
94	100		
96	86.0	73.5	110.3

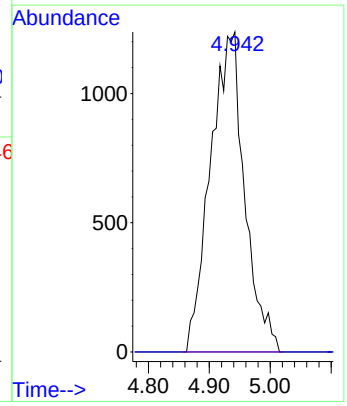


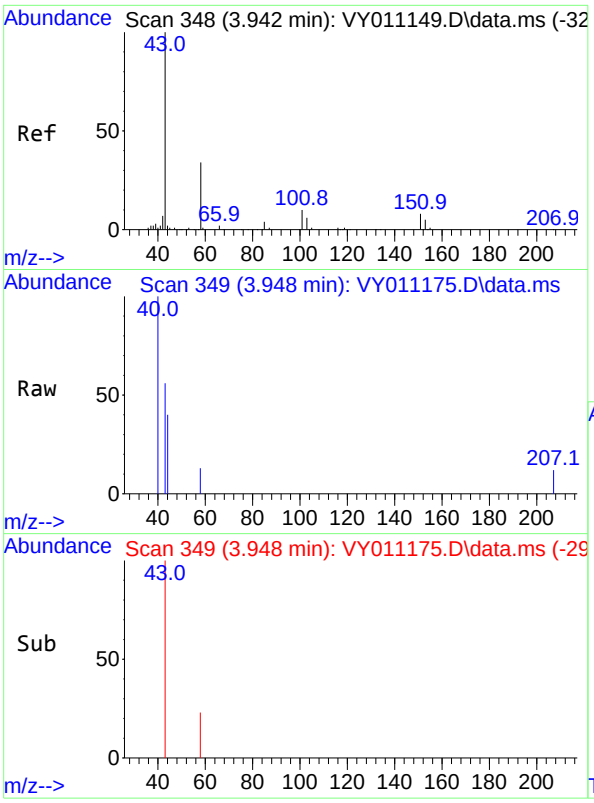


#11
Tert butyl alcohol
Concen: 15.468 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Tgt Ion: 59 Resp: 4831

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#



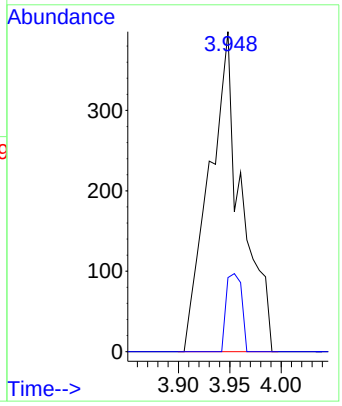


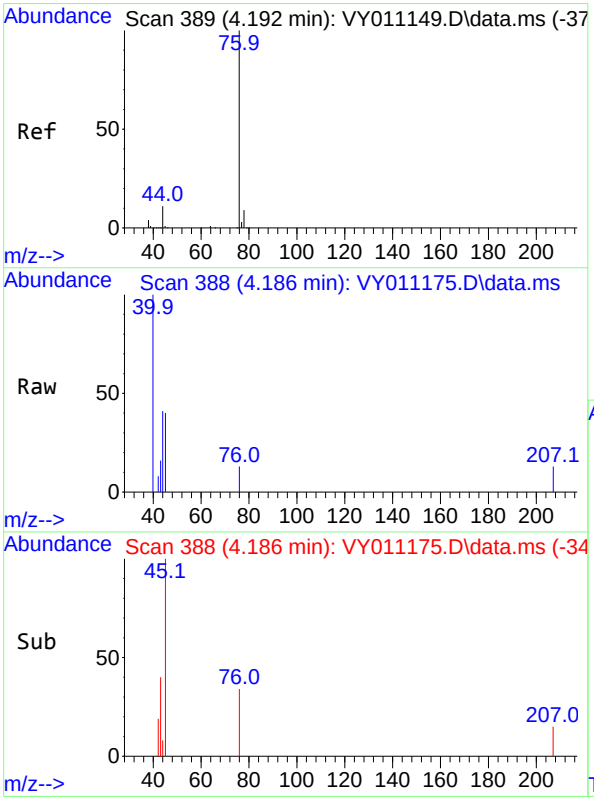
#16
Acetone
Concen: 1.391 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 43 Resp: 872

Ion	Ratio	Lower	Upper
43	100		
58	23.1	22.0	33.0

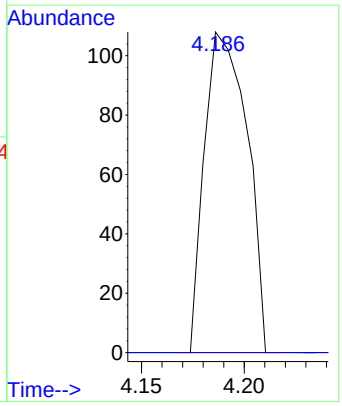


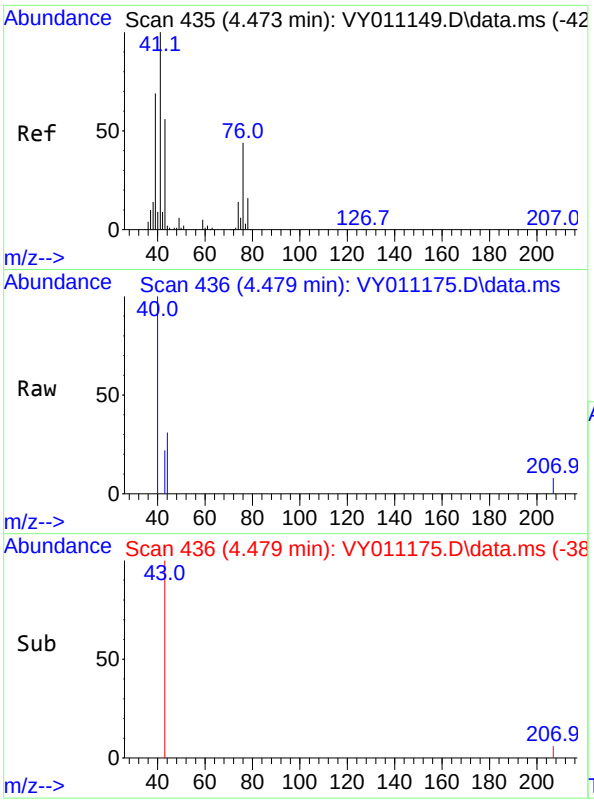


#17
Carbon Disulfide
Concen: Below Cal
RT: 4.186 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Tgt Ion: 76 Resp: 155

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.0#



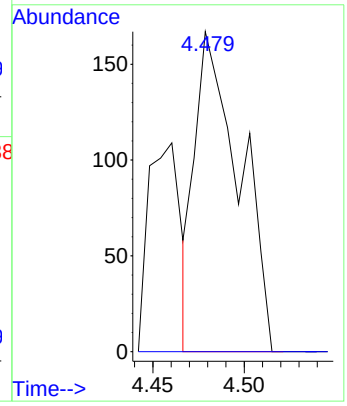


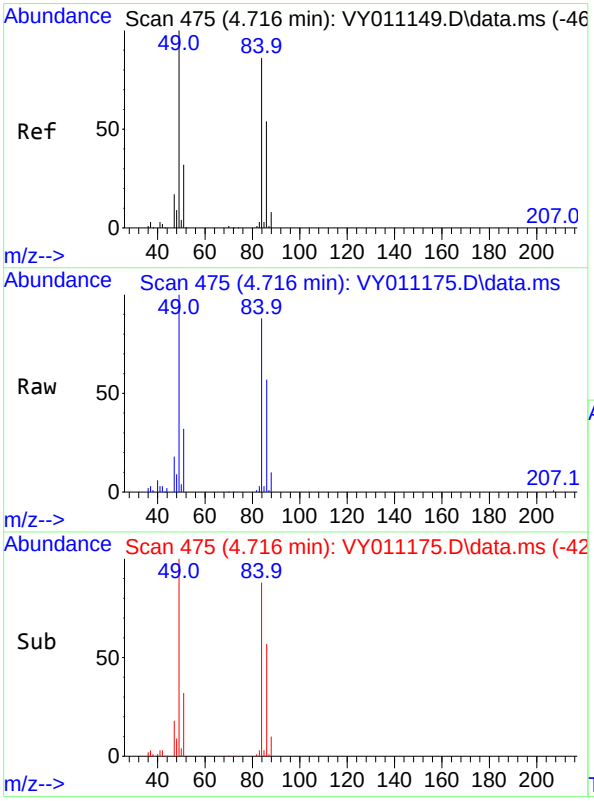
#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 4
Delta R.T. 0.006 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 43 Resp: 282

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.6	24.8#

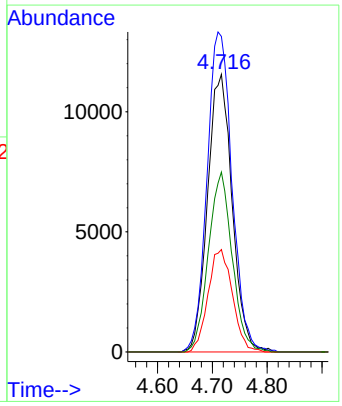


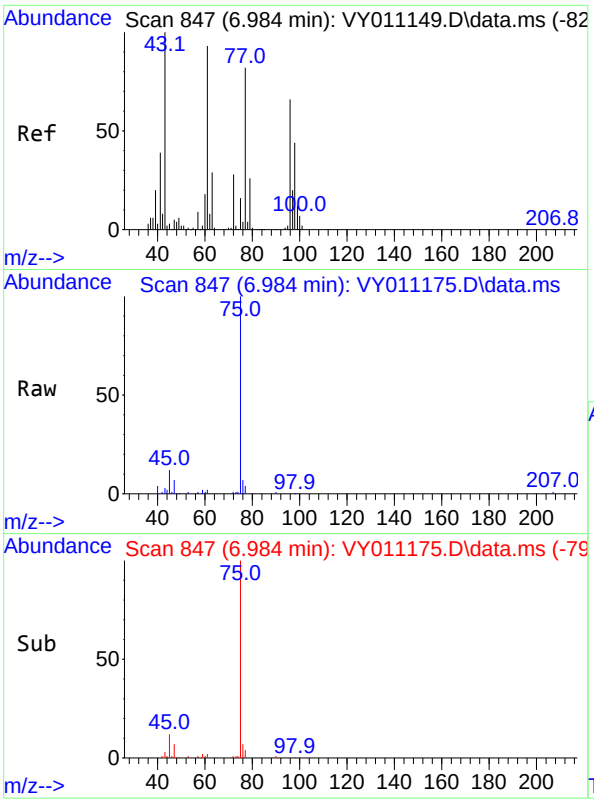


#20
Methylene Chloride
Concen: 8.320 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Tgt Ion: 84 Resp: 36107

Ion	Ratio	Lower	Upper
84	100		
49	113.7	114.4	171.6#
51	36.9	35.3	52.9
86	64.8	53.7	80.5



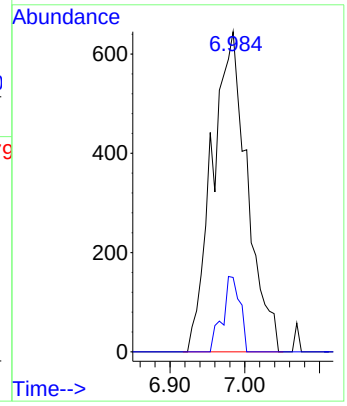


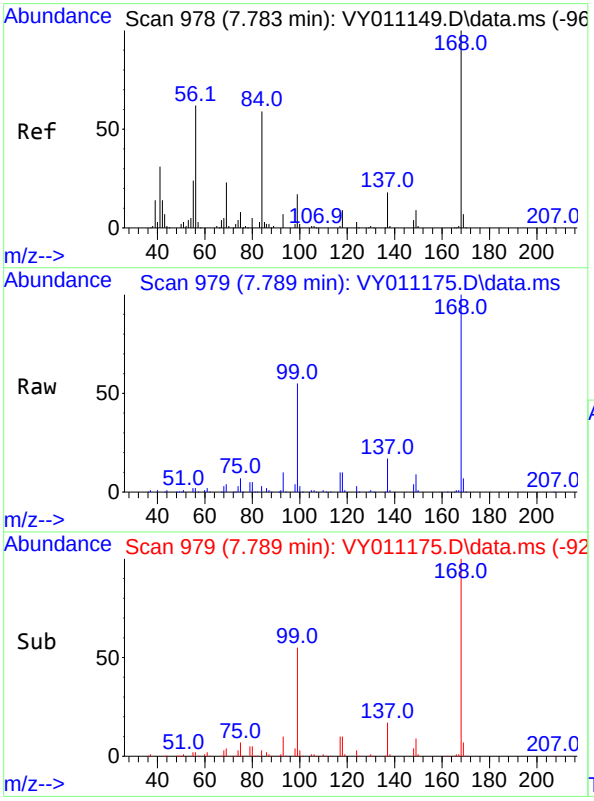
#25
2-Butanone
Concen: 2.342 ug/l
RT: 6.984 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 43 Resp: 2105

Ion	Ratio	Lower	Upper
43	100		
72	23.3	17.7	26.5

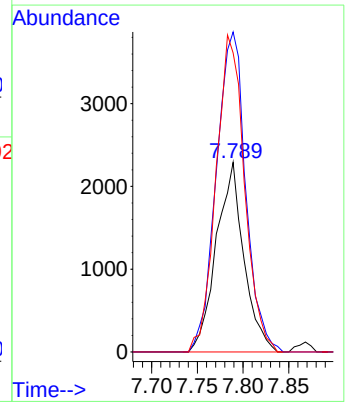


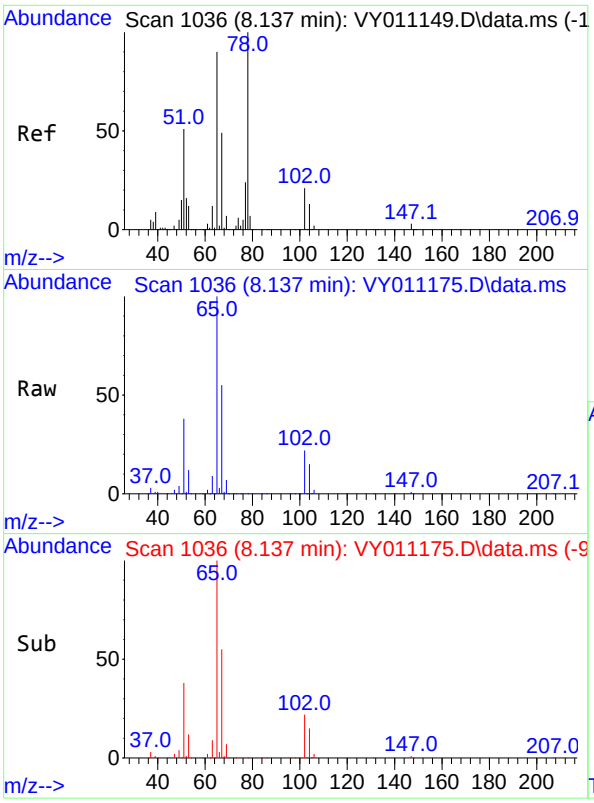


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Tgt Ion: 56 Resp: 4806

Ion	Ratio	Lower	Upper
56	100		
69	168.8	26.7	40.1#
84	157.7	67.2	100.8#



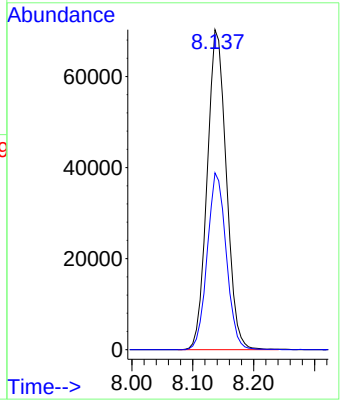


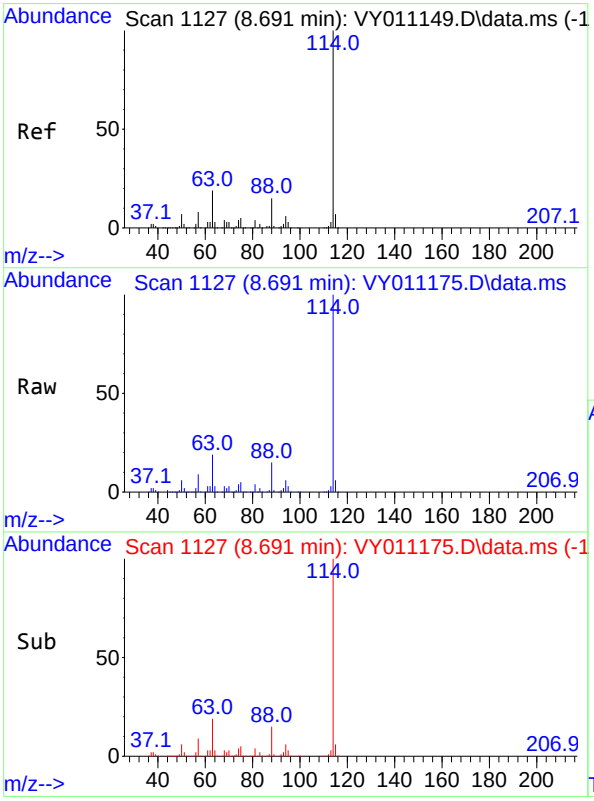
#33
1,2-Dichloroethane-d4
Concen: 59.980 ug/l
RT: 8.137 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 65 Resp: 153722

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	99.4

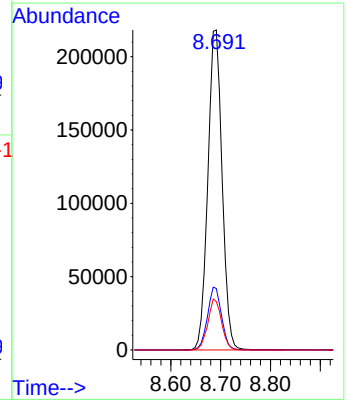


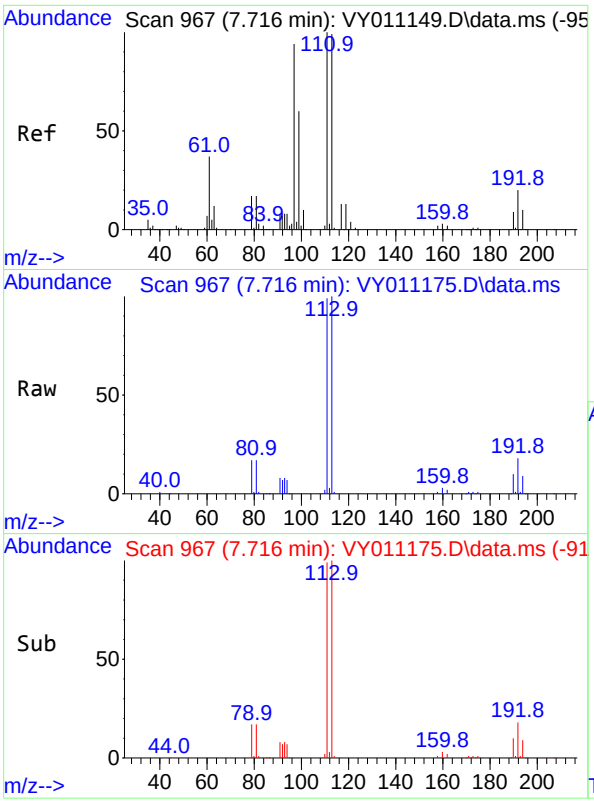


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Tgt Ion:114 Resp: 432725

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	43.2
88	15.1	0.0	31.8



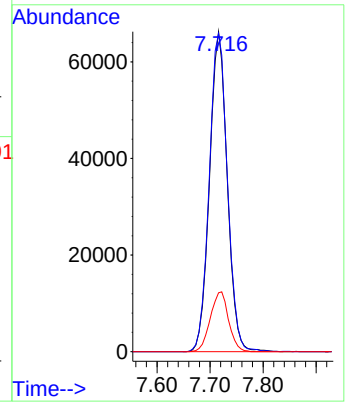


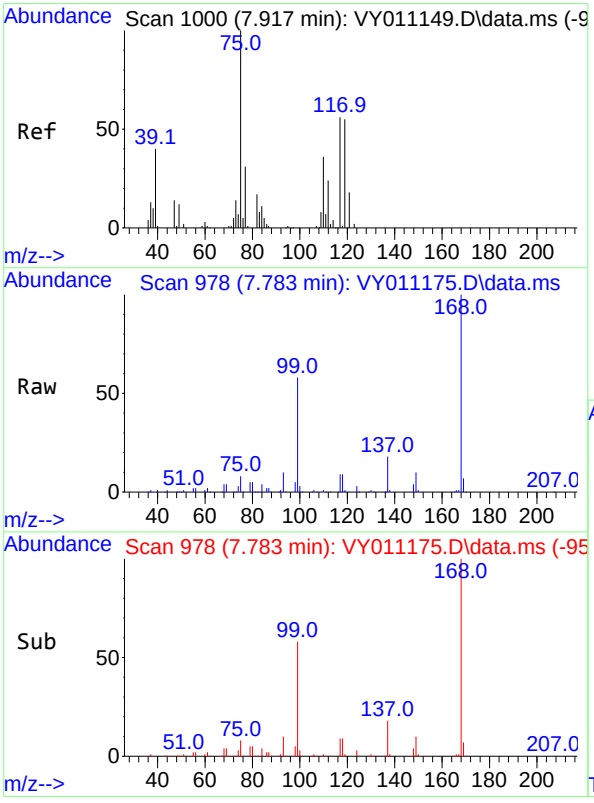
#35
Dibromofluoromethane
Concen: 57.662 ug/l
RT: 7.716 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:113 Resp: 153444

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	124.0
192	19.3	17.6	26.4

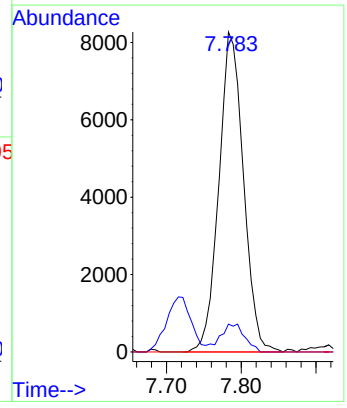


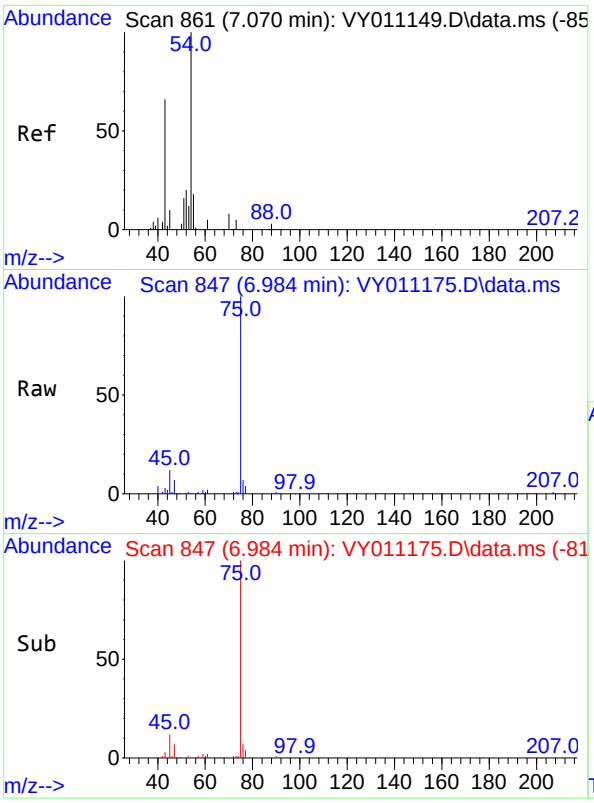


#36
1,1-Dichloropropene
Concen: 5.450 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Tgt Ion: 75 Resp: 18908

Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.1	51.2#
77	0.0	24.4	36.6#



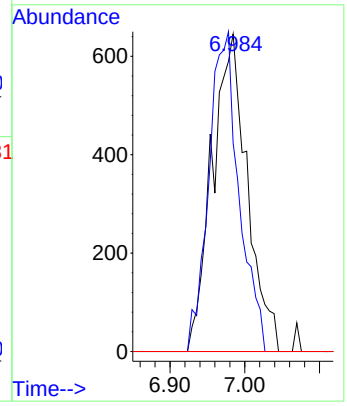


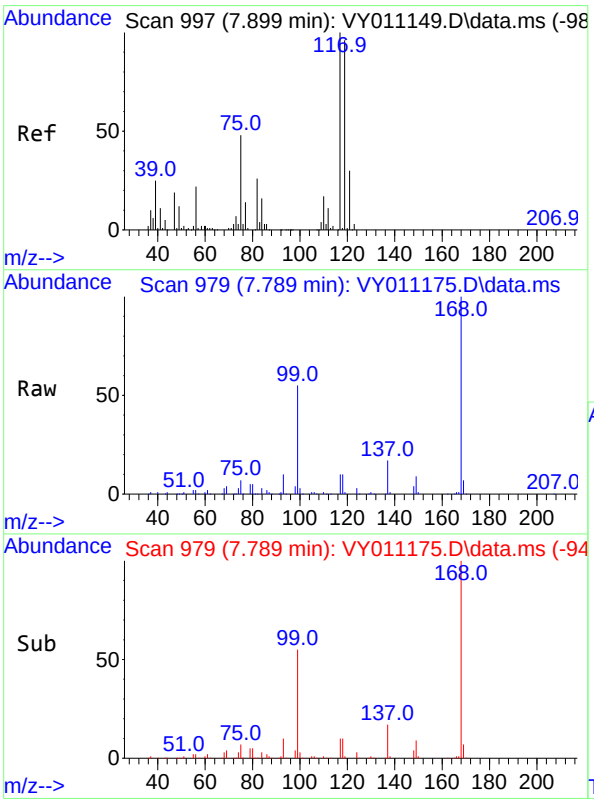
#37
Ethyl Acetate
Concen: 1.072 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.086 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 43 Resp: 2105

Ion	Ratio	Lower	Upper
43	100		
61	86.5	9.7	14.5#
70	0.0	7.1	10.7#

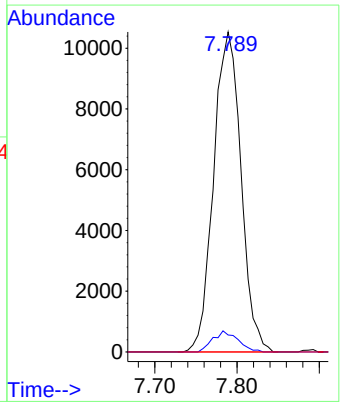


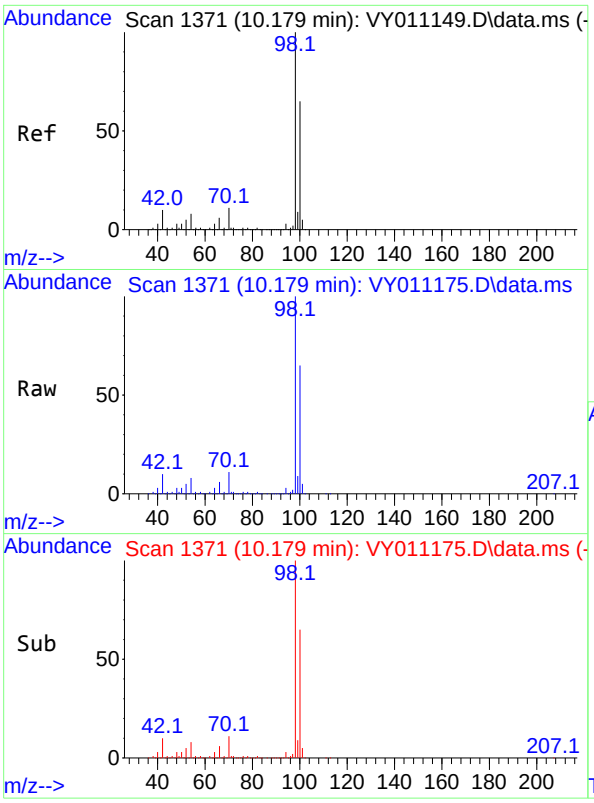


#38
Carbon Tetrachloride
Concen: 6.442 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Tgt Ion:117 Resp: 24344

Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.9	116.9#
121	0.0	24.8	37.2#



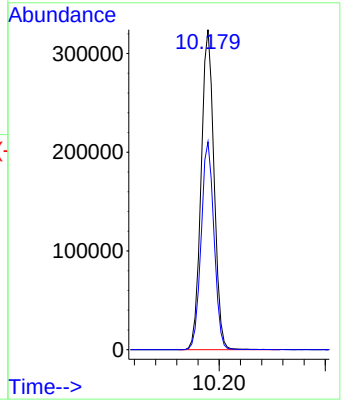


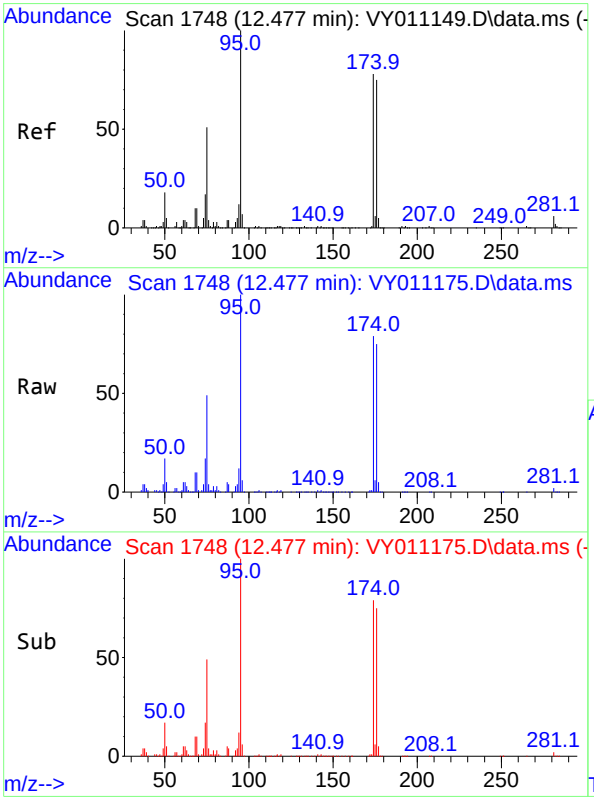
#50
Toluene-d8
Concen: 51.844 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 98 Resp: 546557

Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.2	75.2

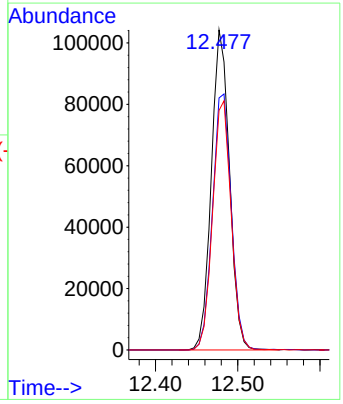


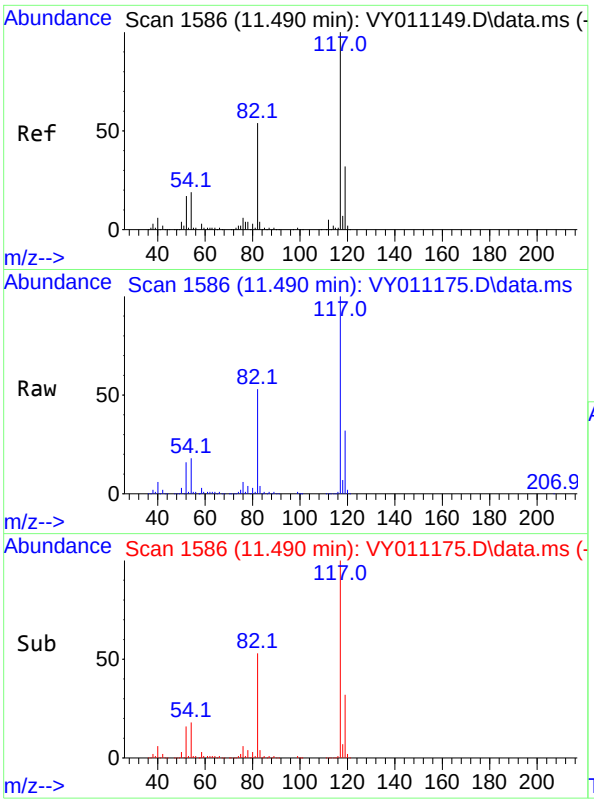


#62
4-Bromofluorobenzene
Concen: 46.407 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Tgt Ion: 95 Resp: 160084

Ion	Ratio	Lower	Upper
95	100		
174	83.1	0.0	177.0
176	79.3	0.0	175.8



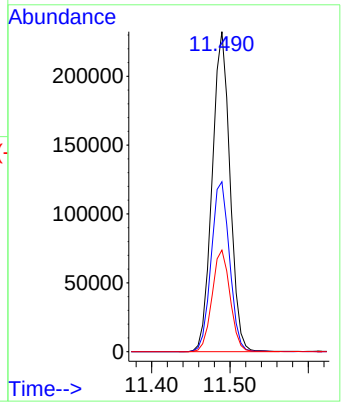


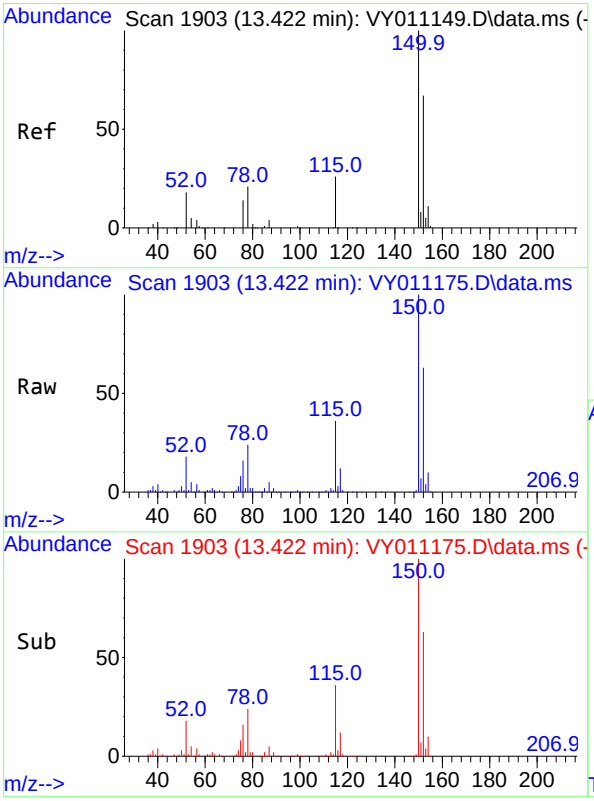
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:117 Resp: 367060

Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.0	64.4
119	31.7	25.4	38.0

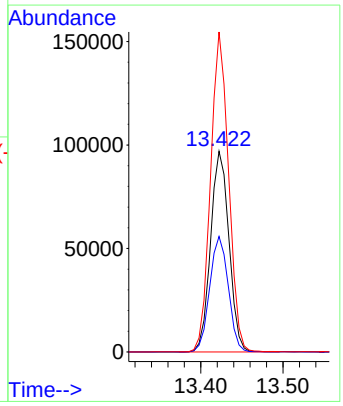


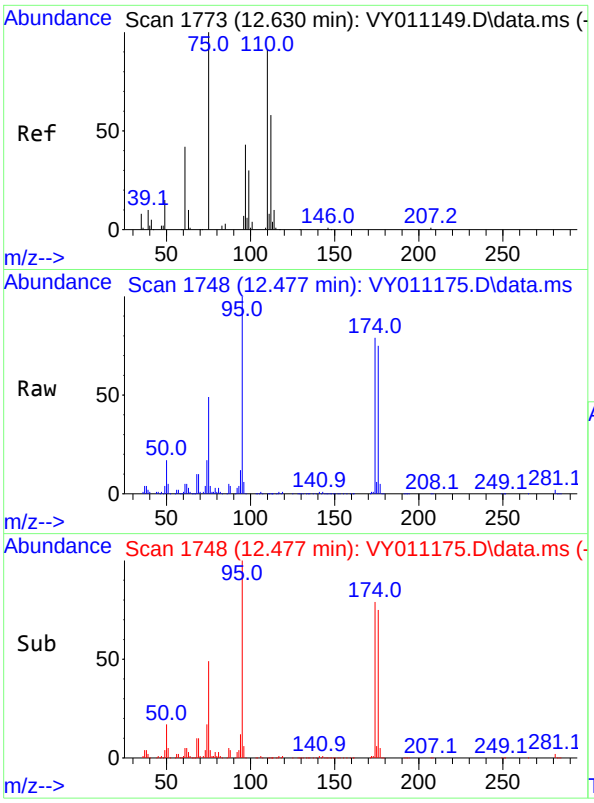


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Tgt Ion:152 Resp: 150622

Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.2	84.7
150	156.1	0.0	347.6



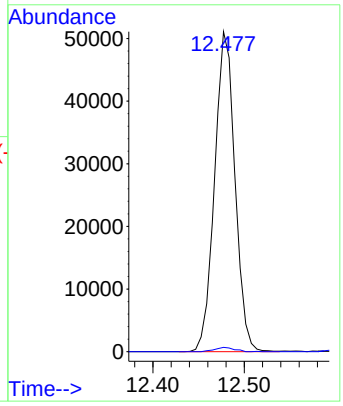


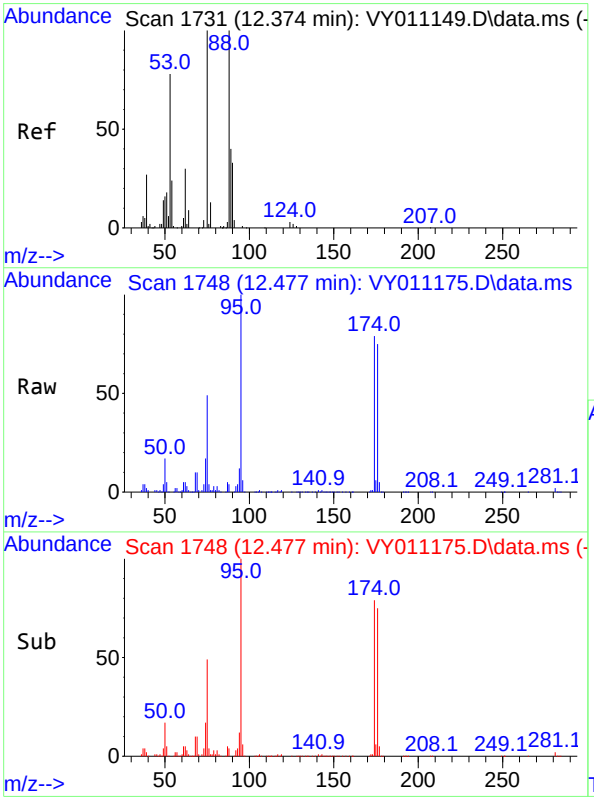
#76
1,2,3-Trichloropropane
Concen: 50.530 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.153 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 75 Resp: 79129

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

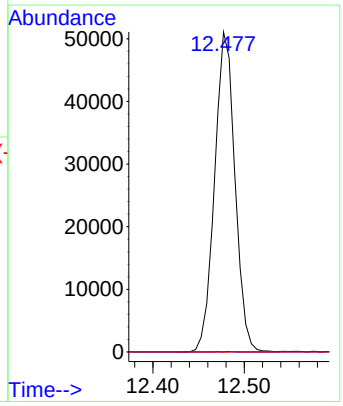


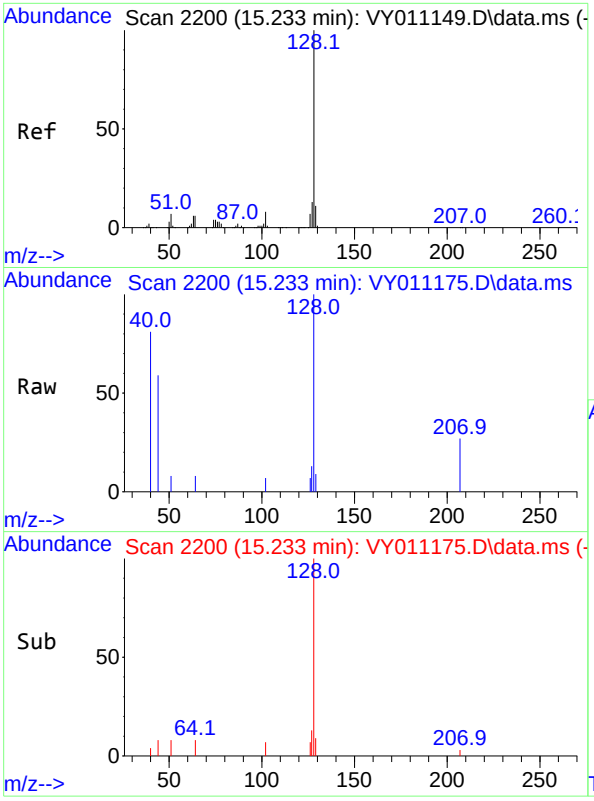


#81
trans-1,4-Dichloro-2-butene
Concen: 107.310 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Tgt Ion: 75 Resp: 79129

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





#95
Naphthalene
Concen: 4.647 ug/l
RT: 15.233 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY011175.D
Acq: 28 Oct 2022 23:43

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:128 Resp: 1734

Ion	Ratio	Lower	Upper
128	100		
127	13.8	11.0	16.4
129	7.7	8.4	12.6#