Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
Data File : VY014585.D
Acq On : 06 Jul 2023 13:54
Operator : KP/MD
Sample : 03523-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jul 07 06:13:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	2201	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	3107	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	3124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1956	89.335	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 178.660%#			
35) Dibromofluoromethane	7.710	113	573	29.948	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 59.900%			
50) Toluene-d8	10.179	98	4149	54.855	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.720%			
62) 4-Bromofluorobenzene	12.483	95	1239	47.175	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.360%			
Target Compounds						Qvalue
3) Chloromethane	2.113	50	201	7.885	ug/l #	43
4) Vinyl Chloride	2.156	62	60	2.042	ug/l #	44
5) Bromomethane	2.674	94	262	11.500	ug/l #	62
10) Methyl Iodide	4.082	142	420	17.271	ug/l #	38
13) Acrolein	3.649	56	19	6.064	ug/l #	14
16) Acetone	3.930	43	146	21.352	ug/l #	46
20) Methylene Chloride	4.710	84	212	3.803	ug/l #	4
26) 2,2-Dichloropropane	6.960	77	40	1.166	ug/l #	54
38) Carbon Tetrachloride	7.783	117	90	2.942	ug/l #	12
51) 4-Methyl-2-Pentanone	10.039	43	21	1.042	ug/l #	39
76) 1,2,3-Trichloropropane	12.483	75	468	48.051	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	468	93.526	ug/l #	10

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
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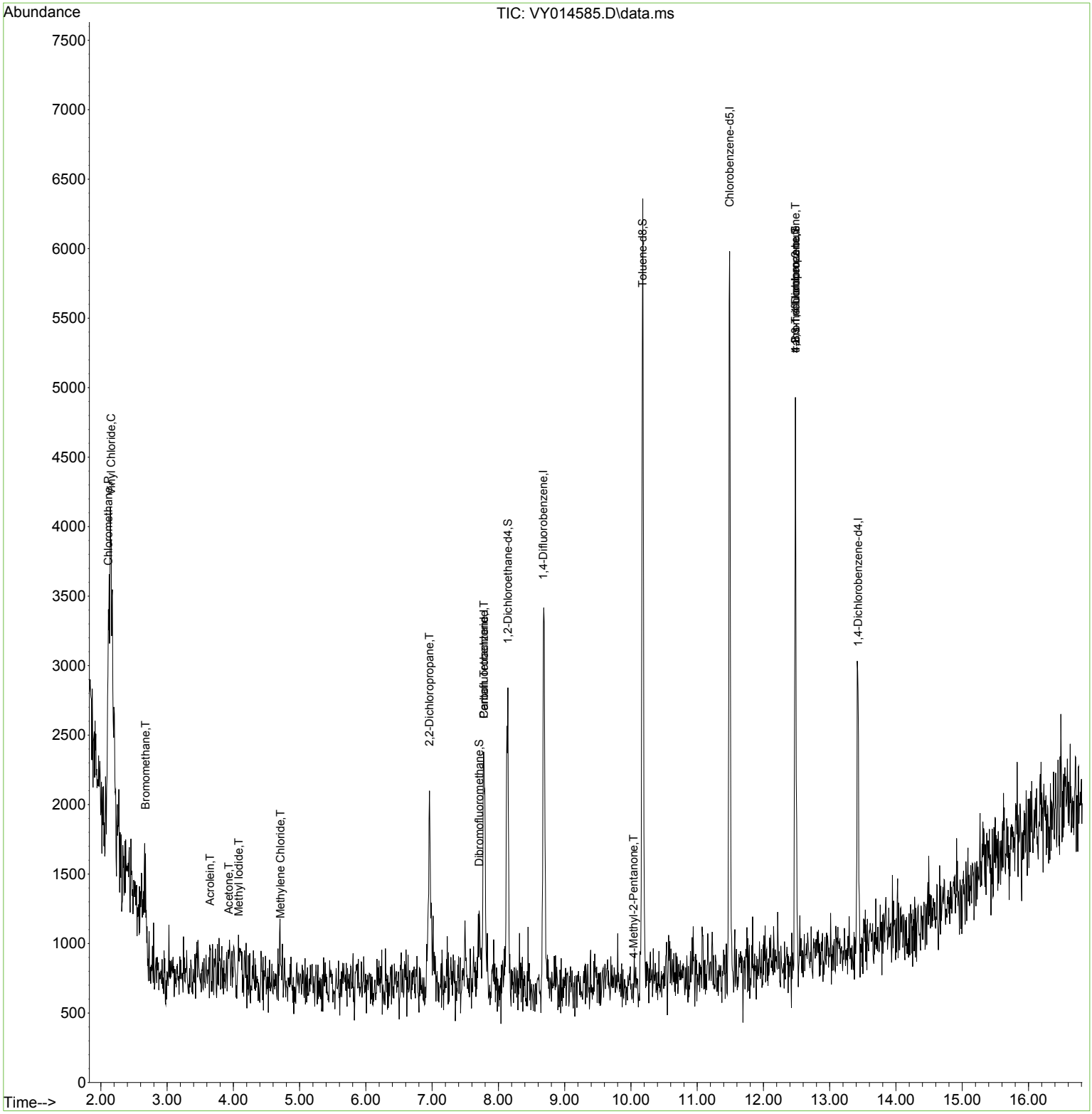
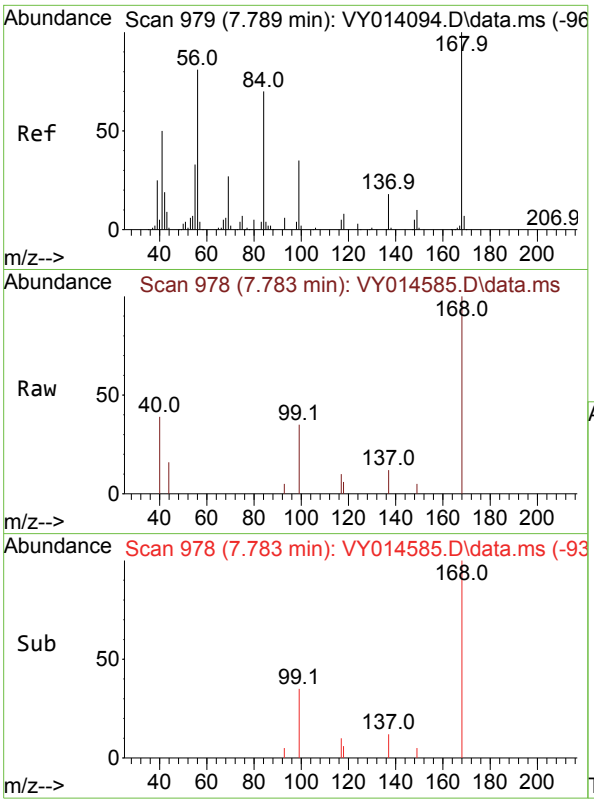
Acq On : 06 Jul 2023 13:54
Operator : KP/MD
Sample : 03523-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jul 07 06:13:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 2023
Response via : Initial Calibration



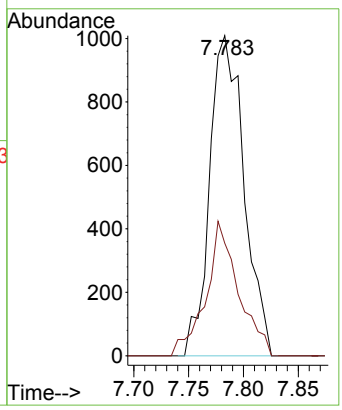


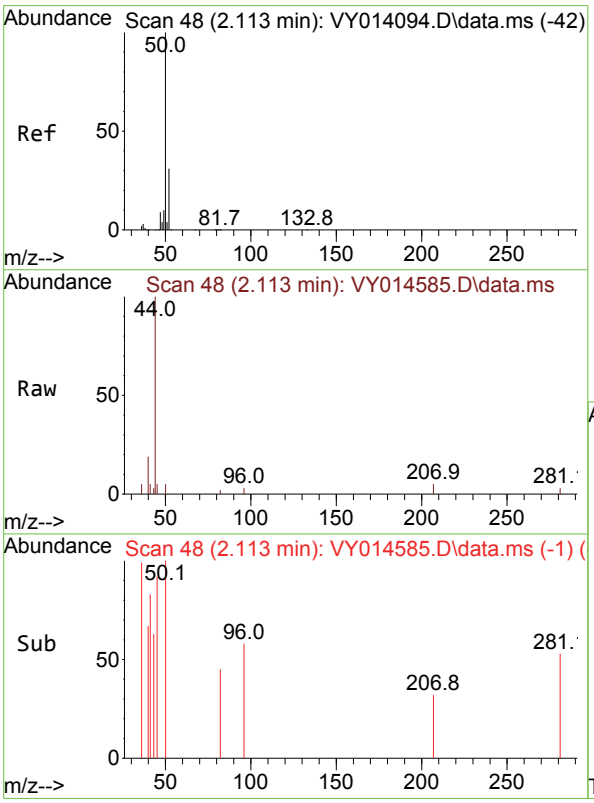
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY014585.D
Acq: 06 Jul 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 2201

Ion	Ratio	Lower	Upper
168	100		
99	35.2	43.4	65.0#

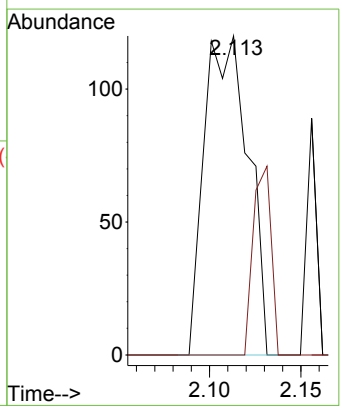


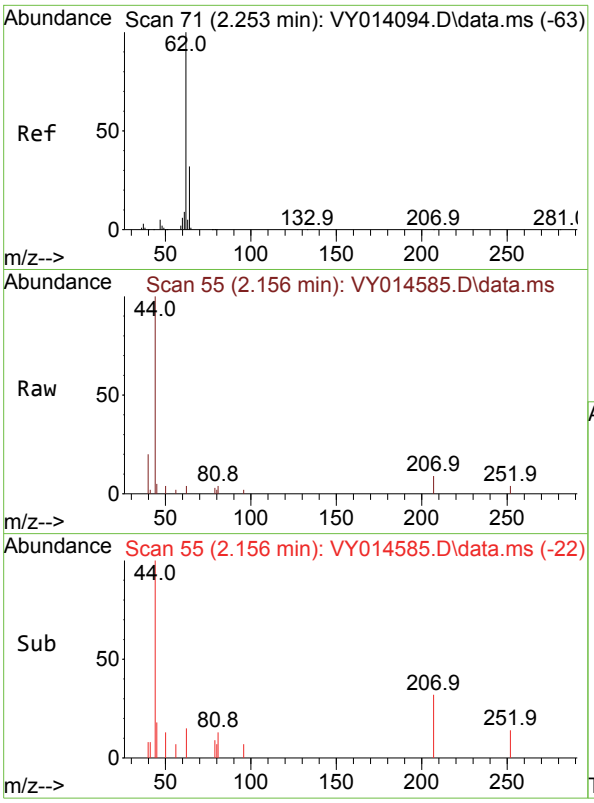


#3
Chloromethane
Concen: 7.885 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY014585.D
Acq: 06 Jul 2023 13:54

Tgt Ion: 50 Resp: 201

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.4	38.2#



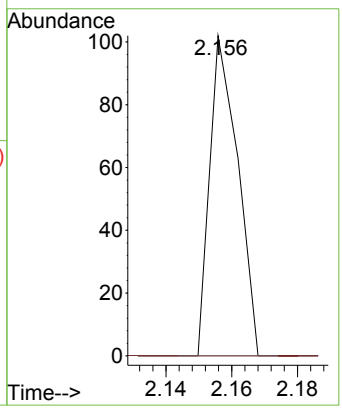


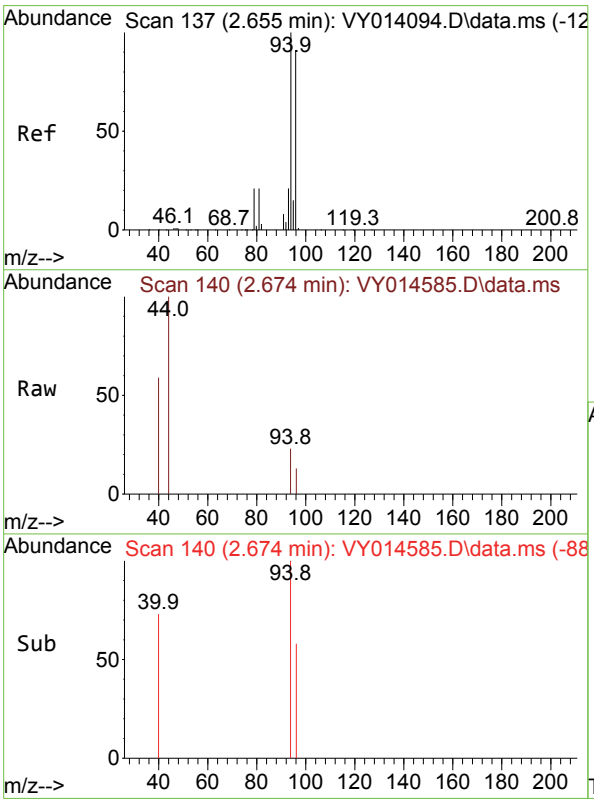
#4
Vinyl Chloride
Concen: 2.042 ug/l
RT: 2.156 min Scan# 5
Delta R.T. -0.097 min
Lab File: VY014585.D
Acq: 06 Jul 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 62 Resp: 60

Ion	Ratio	Lower	Upper
62	100		
64	0.0	24.3	36.5#

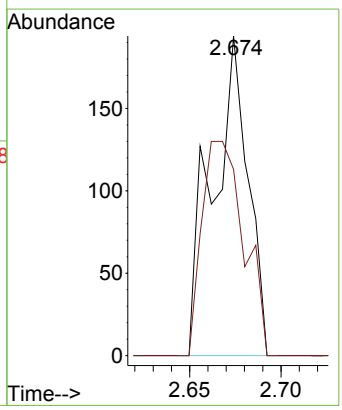


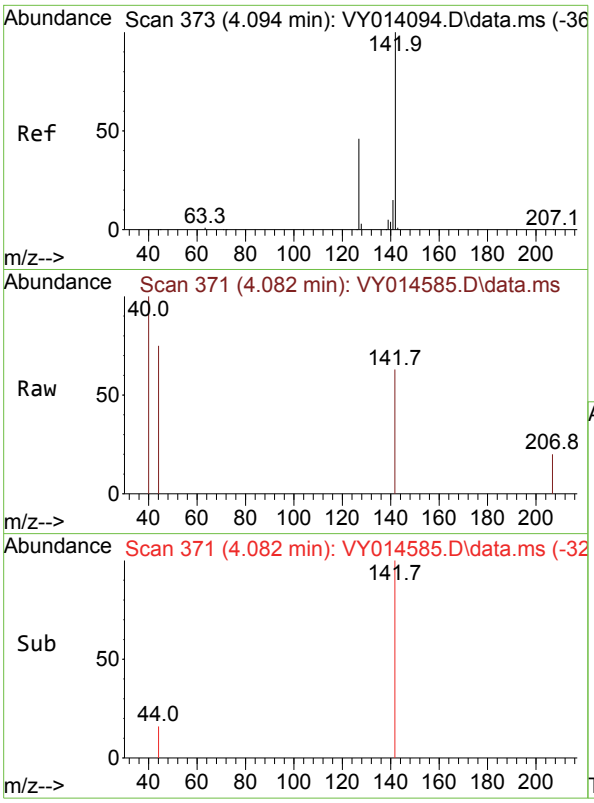


#5
Bromomethane
Concen: 11.500 ug/l
RT: 2.674 min Scan# 140
Delta R.T. 0.019 min
Lab File: VY014585.D
Acq: 06 Jul 2023 13:54

Tgt Ion: 94 Resp: 262

Ion	Ratio	Lower	Upper
94	100		
96	58.2	75.8	113.6#



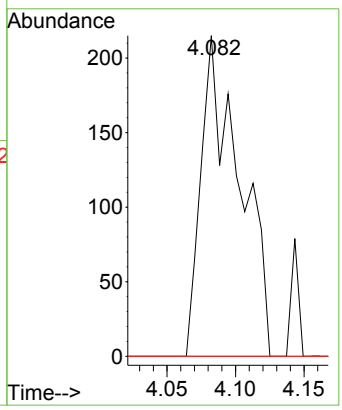


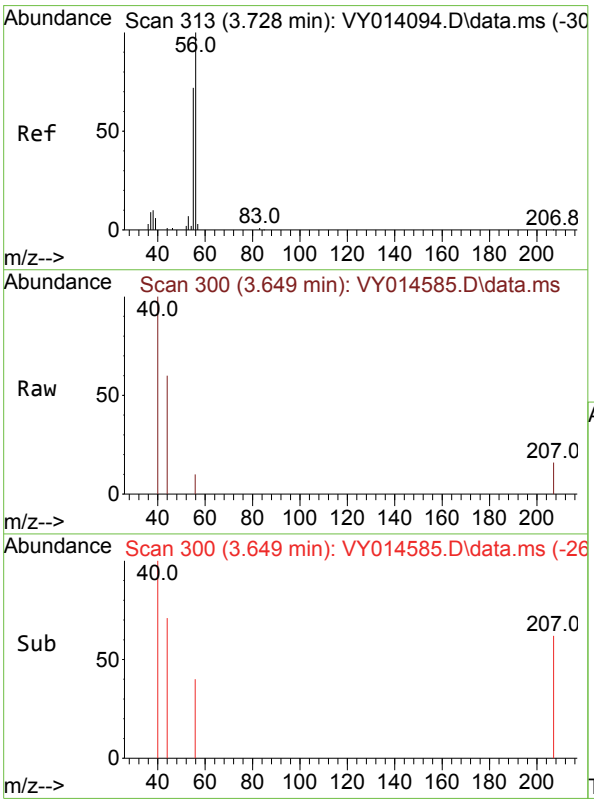
#10
Methyl Iodide
Concen: 17.271 ug/l
RT: 4.082 min Scan# 3
Delta R.T. -0.012 min
Lab File: VY014585.D
Acq: 06 Jul 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:142 Resp: 420

Ion	Ratio	Lower	Upper
142	100		
127	0.0	37.6	56.4#
141	0.0	11.8	17.8#

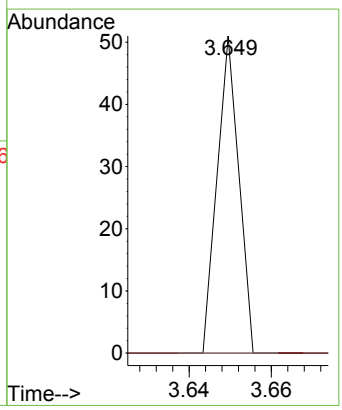


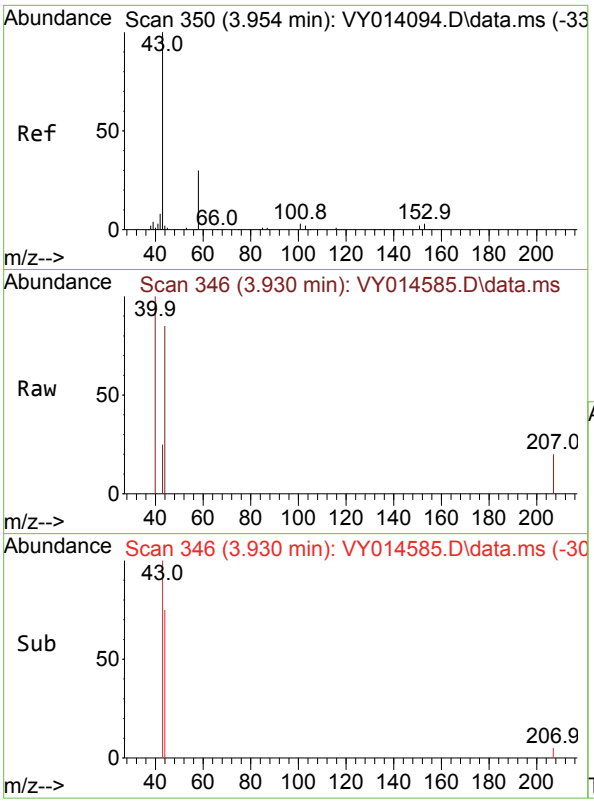


#13
Acrolein
Concen: 6.064 ug/l
RT: 3.649 min Scan# 300
Delta R.T. -0.079 min
Lab File: VY014585.D
Acq: 06 Jul 2023 13:54

Tgt Ion: 56 Resp: 19

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#



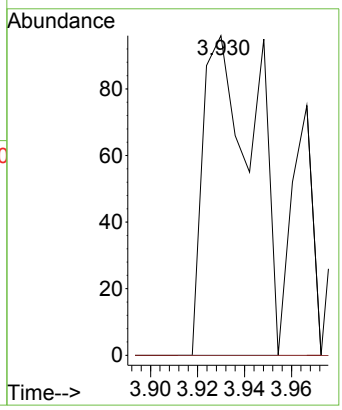


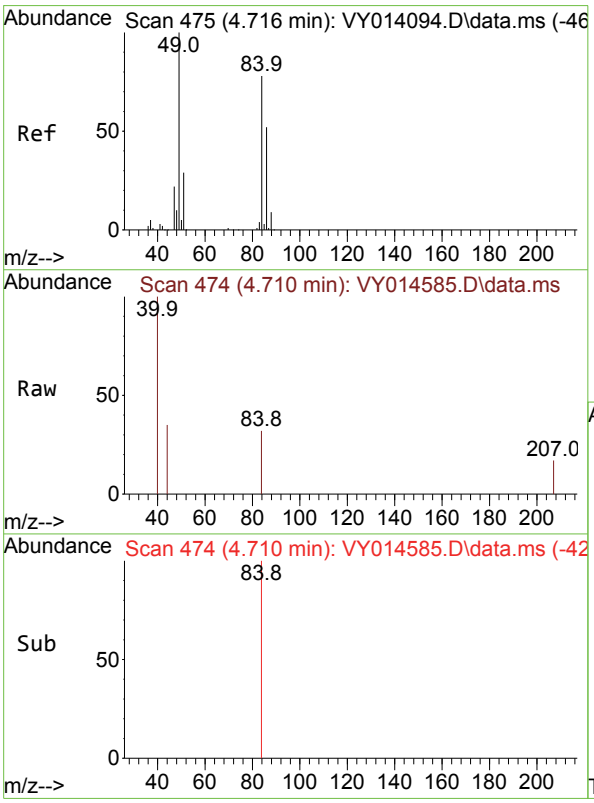
#16
Acetone
Concen: 21.352 ug/l
RT: 3.930 min Scan# 34
Delta R.T. -0.024 min
Lab File: VY014585.D
Acq: 06 Jul 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 146

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.7	34.1#

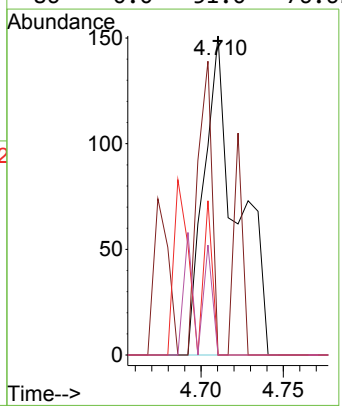


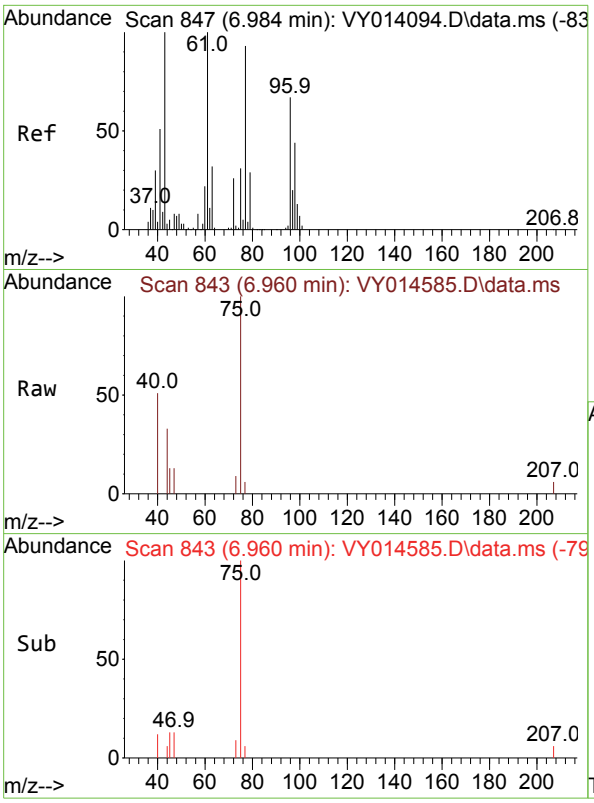


#20
Methylene Chloride
Concen: 3.803 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014585.D
Acq: 06 Jul 2023 13:54

Tgt Ion: 84 Resp: 212

Ion	Ratio	Lower	Upper
84	100		
49	0.0	106.9	160.3#
51	0.0	33.2	49.8#
86	0.0	51.0	76.6#



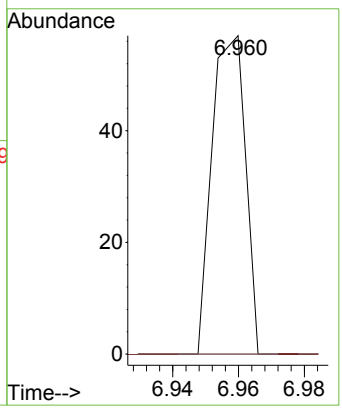


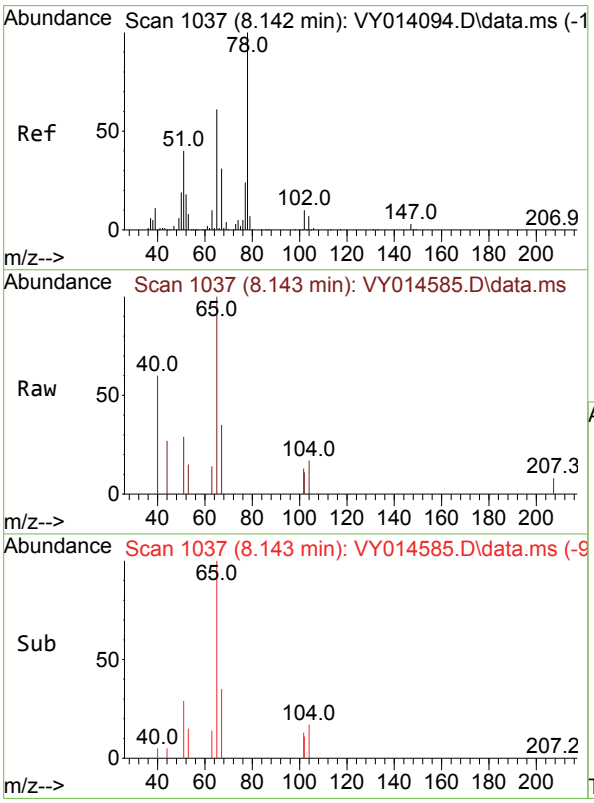
#26
2,2-Dichloropropane
Concen: 1.166 ug/l
RT: 6.960 min Scan# 84
Delta R.T. -0.024 min
Lab File: VY014585.D
Acq: 06 Jul 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 77 Resp: 40

Ion	Ratio	Lower	Upper
77	100		
97	0.0	10.9	32.9#

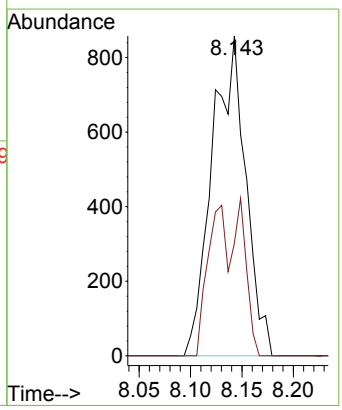


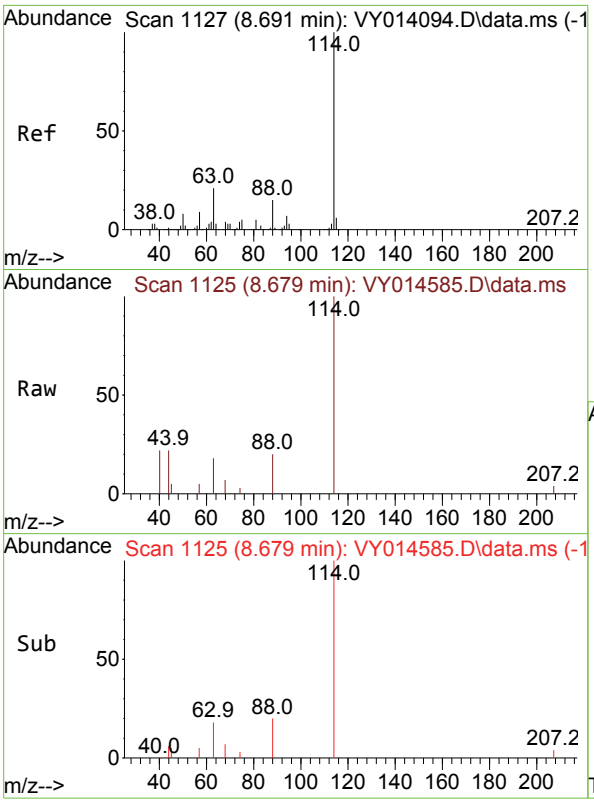


#33
1,2-Dichloroethane-d4
Concen: 89.335 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014585.D
Acq: 06 Jul 2023 13:54

Tgt Ion: 65 Resp: 1956

Ion	Ratio	Lower	Upper
65	100		
67	27.6	0.0	101.8



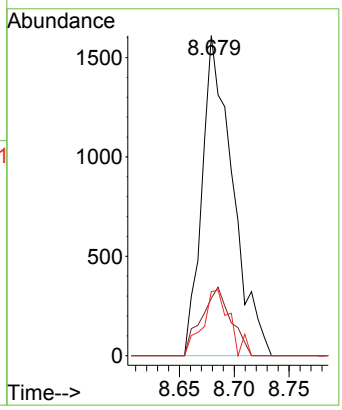


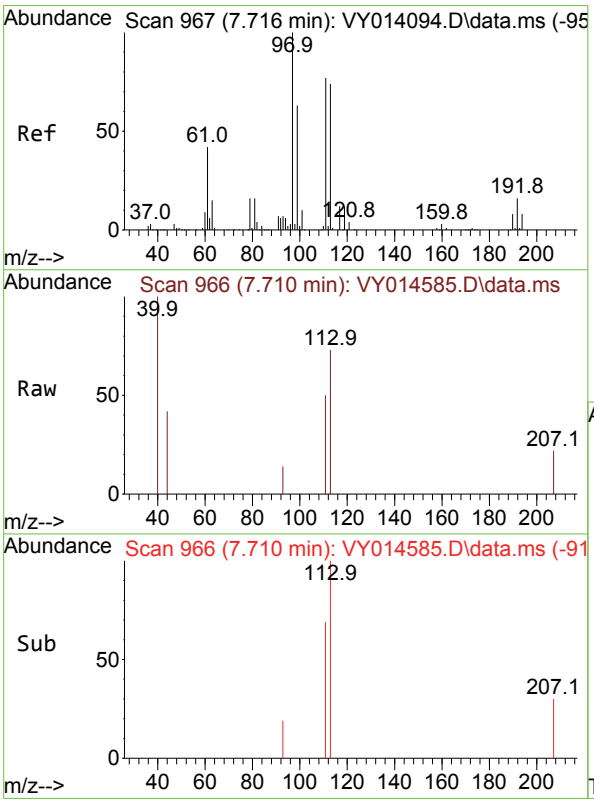
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY014585.D
Acq: 06 Jul 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 3107

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	42.4
88	20.0	0.0	30.6

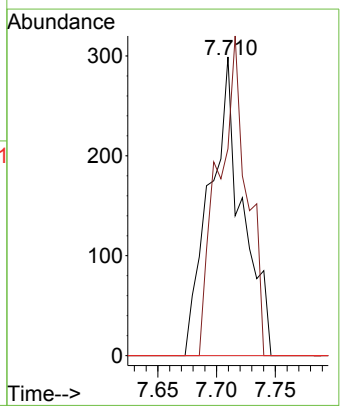


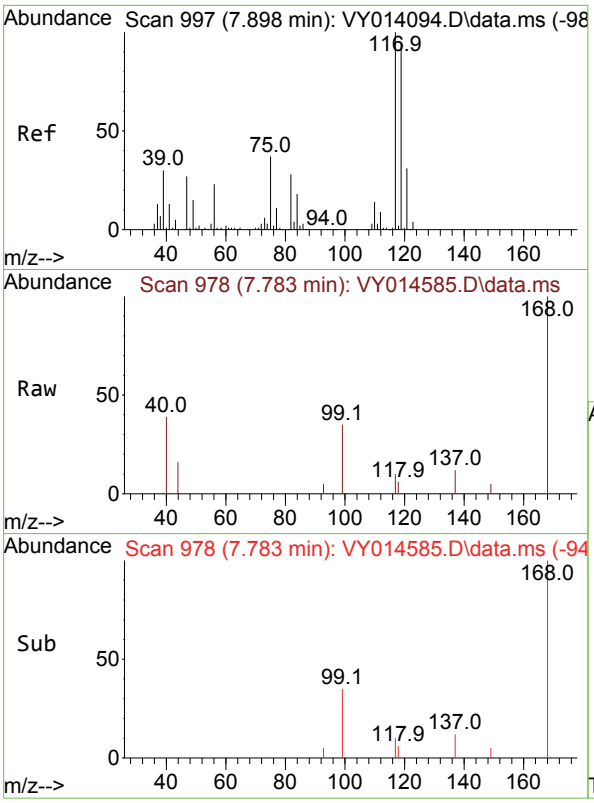


#35
Dibromofluoromethane
Concen: 29.948 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014585.D
Acq: 06 Jul 2023 13:54

Tgt Ion:113 Resp: 573

Ion	Ratio	Lower	Upper
113	100		
111	94.6	81.3	121.9
192	0.0	16.9	25.3#



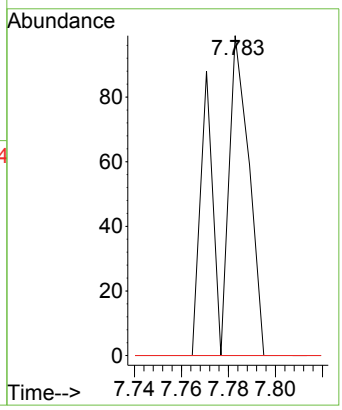


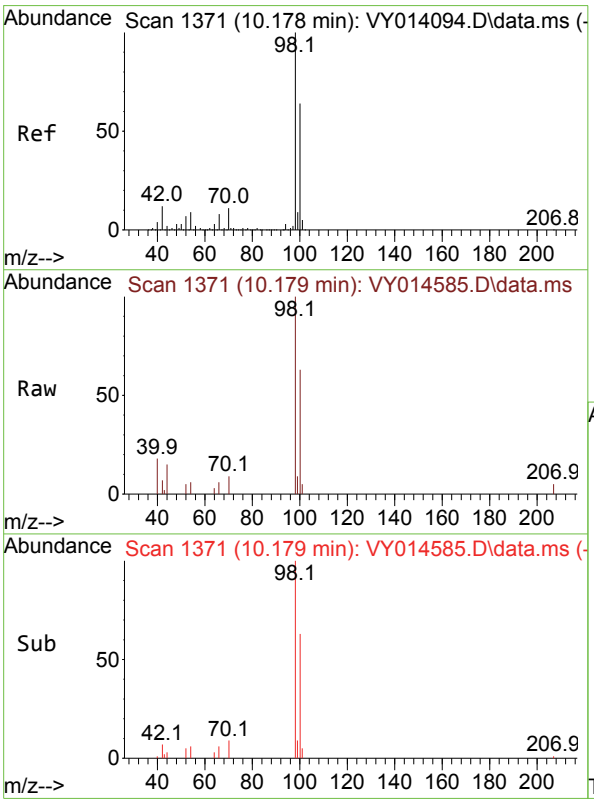
#38
Carbon Tetrachloride
Concen: 2.942 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.115 min
Lab File: VY014585.D
Acq: 06 Jul 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 90

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.4	114.6#
121	0.0	25.8	38.6#

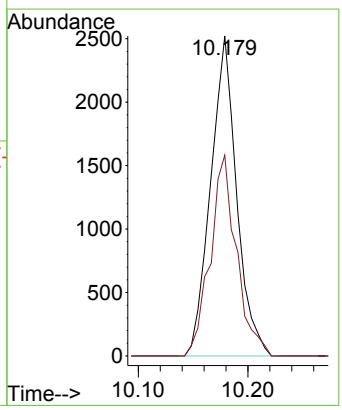


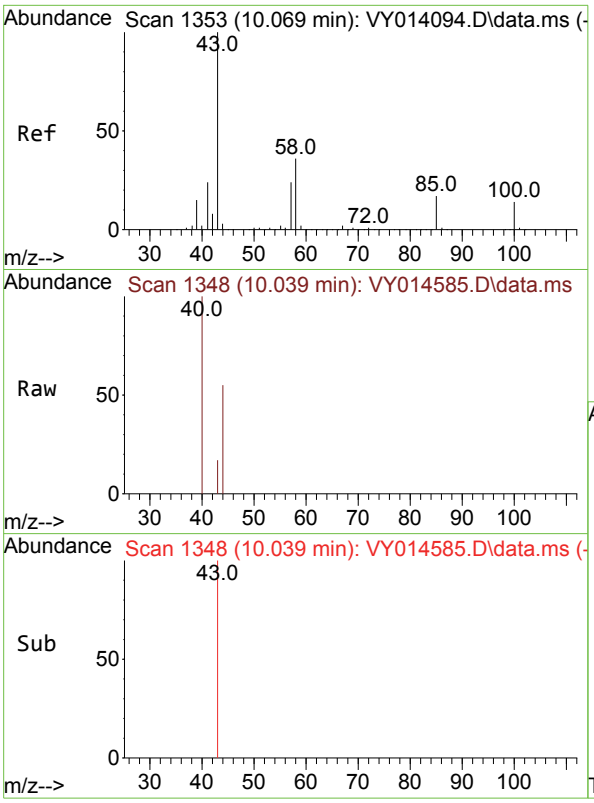


#50
Toluene-d8
Concen: 54.855 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014585.D
Acq: 06 Jul 2023 13:54

Tgt Ion: 98 Resp: 4149

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.1	75.1



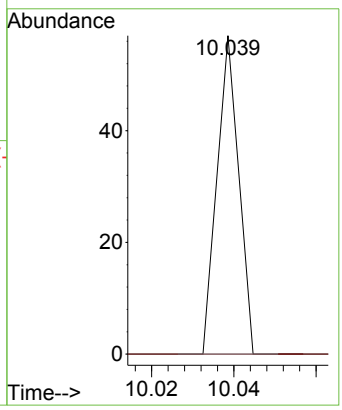


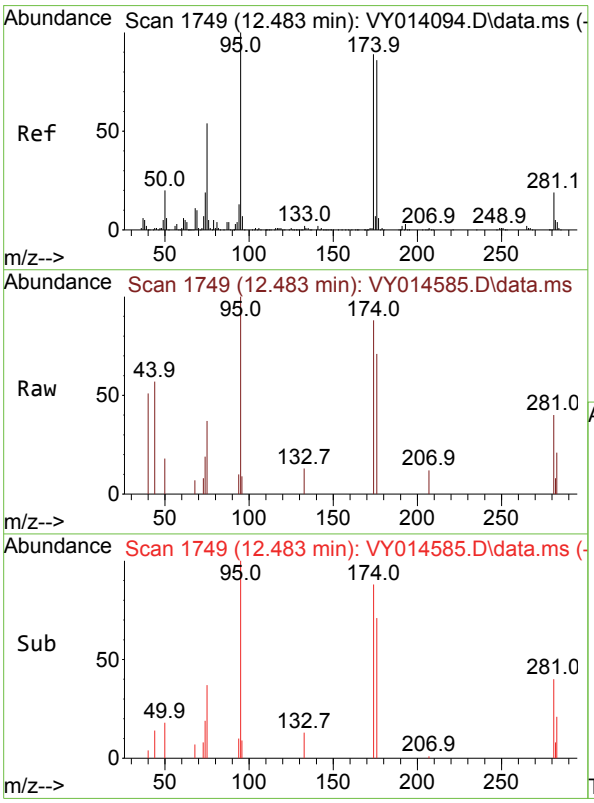
#51
4-Methyl-2-Pentanone
Concen: 1.042 ug/l
RT: 10.039 min Scan# 1
Delta R.T. -0.030 min
Lab File: VY014585.D
Acq: 06 Jul 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 21

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.0	43.6#

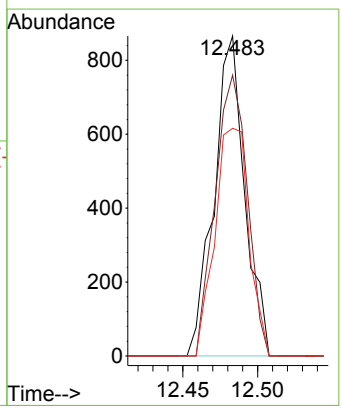


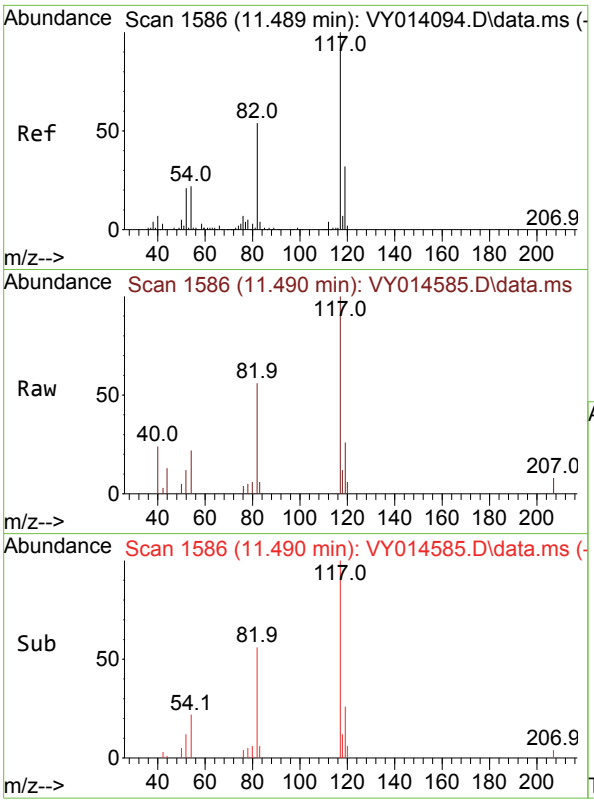


#62
4-Bromofluorobenzene
Concen: 47.175 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014585.D
Acq: 06 Jul 2023 13:54

Tgt Ion: 95 Resp: 1239

Ion	Ratio	Lower	Upper
95	100		
174	91.5	0.0	178.2
176	78.5	0.0	173.8



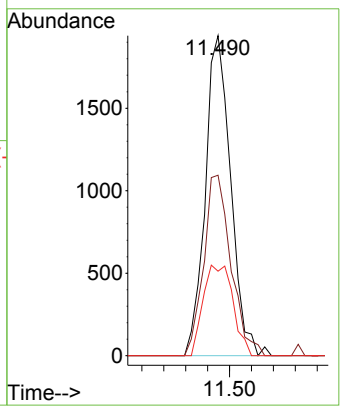


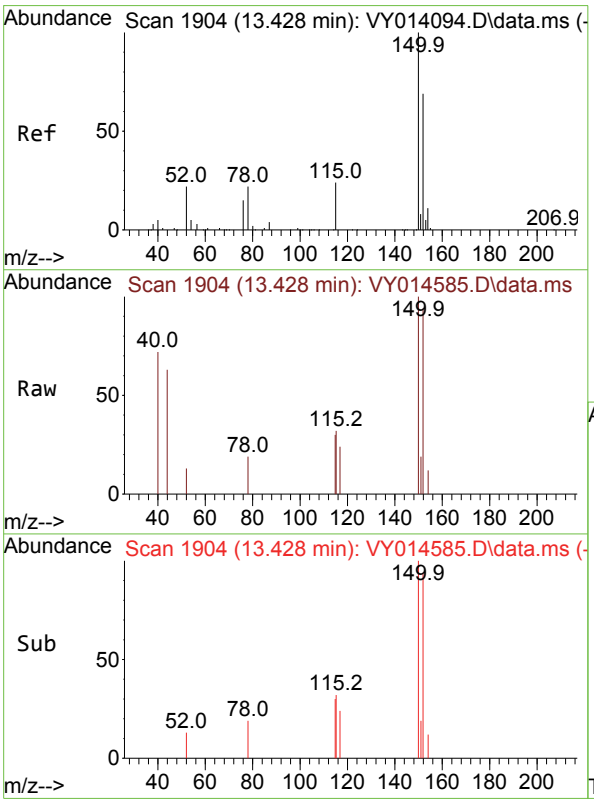
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY014585.D
Acq: 06 Jul 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 3124

Ion	Ratio	Lower	Upper
117	100		
82	56.4	43.4	65.0
119	26.4	26.3	39.5

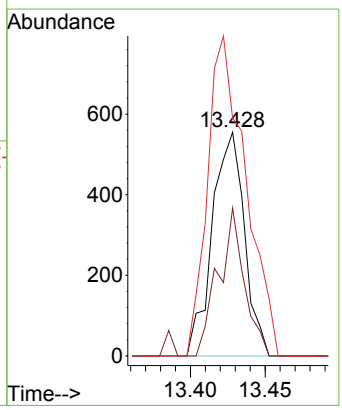


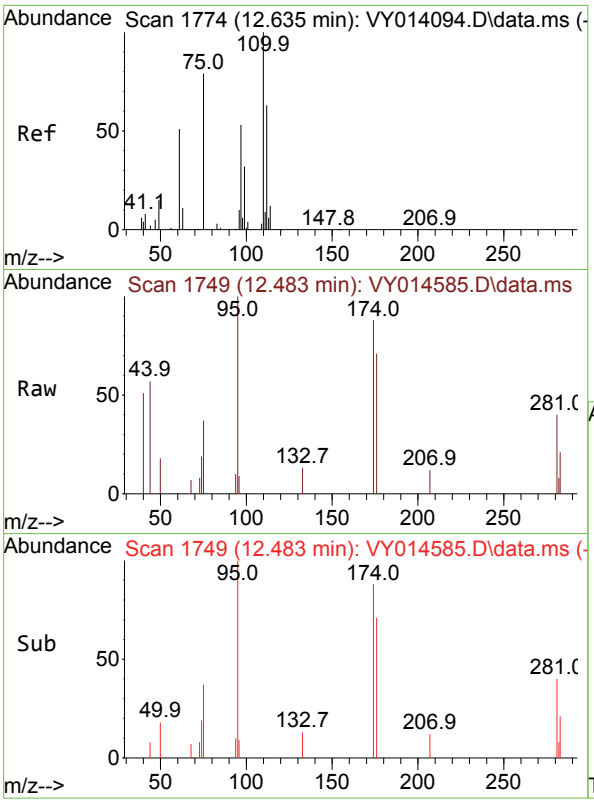


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014585.D
Acq: 06 Jul 2023 13:54

Tgt Ion:152 Resp: 830

Ion	Ratio	Lower	Upper
152	100		
115	53.5	28.8	86.5
150	169.4	0.0	348.8



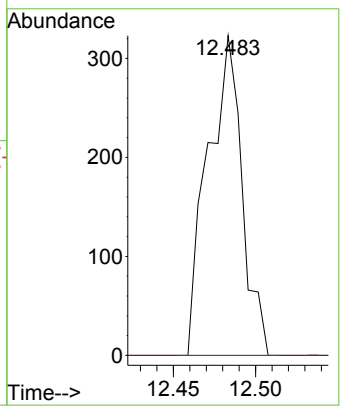


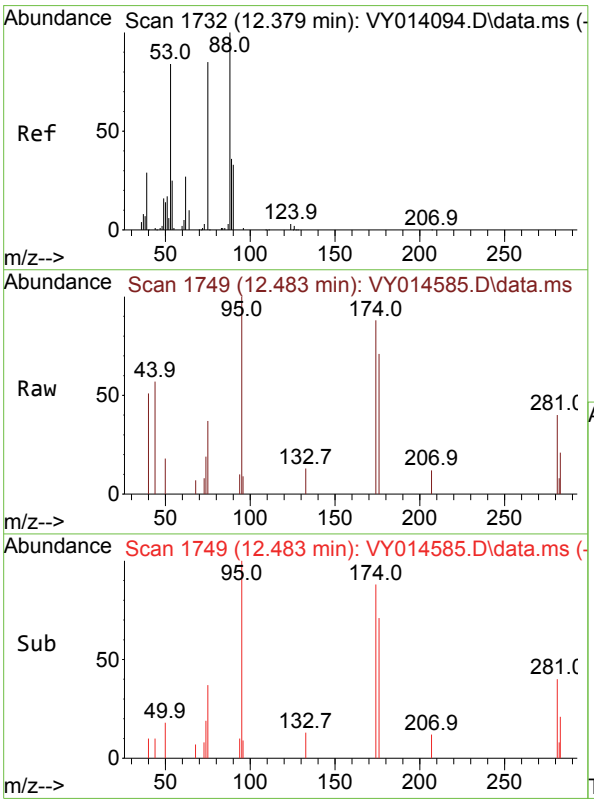
#76
1,2,3-Trichloropropane
Concen: 48.051 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.152 min
Lab File: VY014585.D
Acq: 06 Jul 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 468

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 93.526 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014585.D
Acq: 06 Jul 2023 13:54

Tgt Ion: 75 Resp: 468

Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.0	37.4	56.0#