Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
Data File : VY013951.D
Acq On : 31 May 2023 21:17
Operator : KP/MD
Sample : 02852-09
Misc : 6.47g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-50.5-051823RE

Quant Time: Jun 01 03:32:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	19614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	26399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	20665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	10352	45.621	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 91.240%			
35) Dibromofluoromethane	7.728	113	9065	53.171	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.340%			
50) Toluene-d8	10.185	98	30183	46.581	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.160%			
62) 4-Bromofluorobenzene	12.483	95	6892	31.999	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 64.000%			
Target Compounds						Qvalue
3) Chloromethane	2.113	50	278	1.270	ug/l #	43
16) Acetone	3.954	43	1803	26.771	ug/l	91
20) Methylene Chloride	4.728	84	1828	5.389	ug/l #	77
30) Chloroform	7.515	83	416	1.039	ug/l	93
31) Cyclohexane	7.795	56	542	1.555	ug/l #	60
36) 1,1-Dichloropropene	7.801	75	1570	6.046	ug/l #	45
37) Ethyl Acetate	7.021	43	232	1.465	ug/l #	71
38) Carbon Tetrachloride	7.789	117	2089	7.074	ug/l #	13
44) Trichloroethene	8.947	130	493	2.454	ug/l	82
51) 4-Methyl-2-Pentanone	10.191	43	236	1.534	ug/l #	1
59) 2-Hexanone	10.941	43	280	2.559	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	4014	47.176	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4014	102.403	ug/l #	10

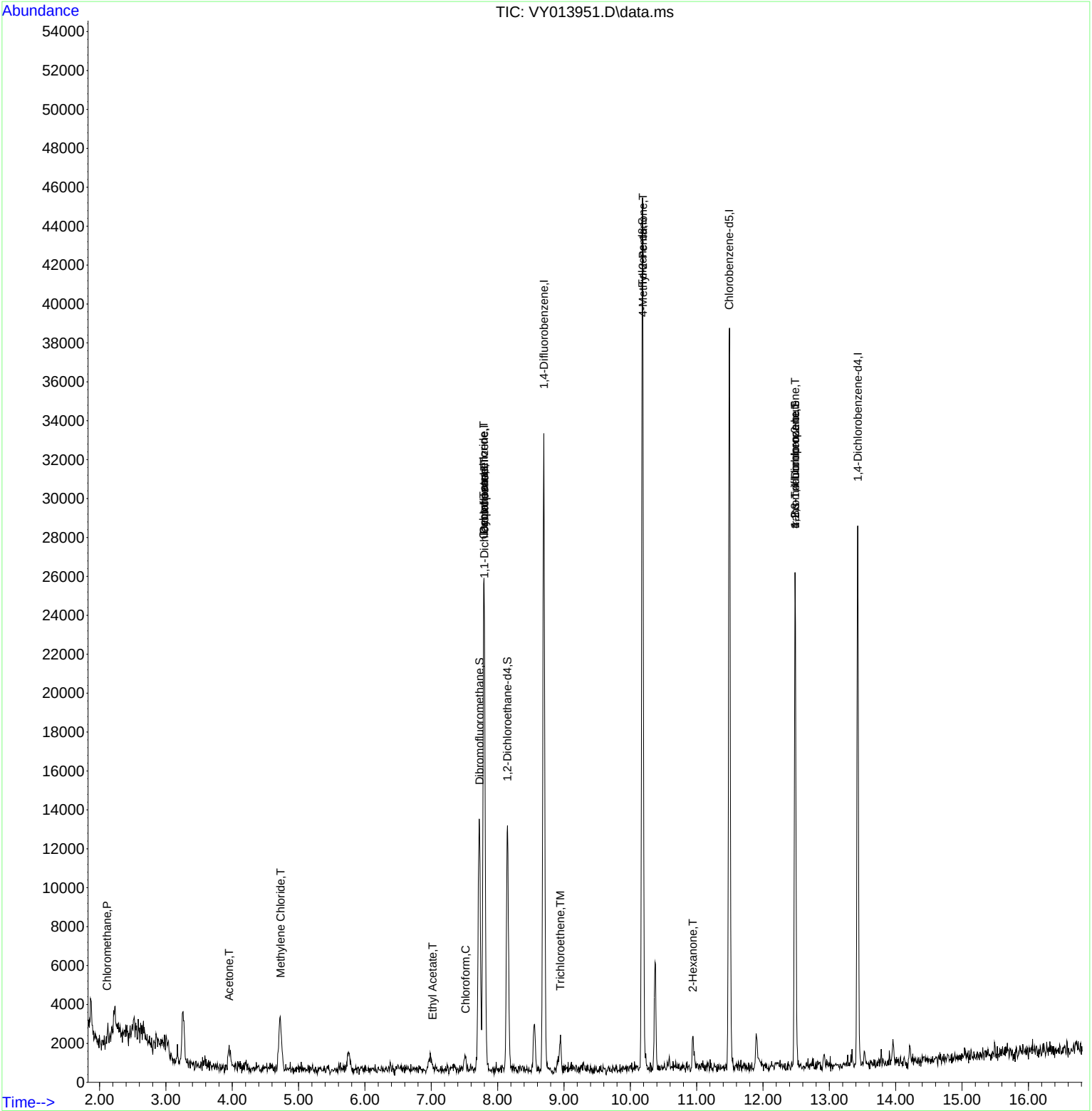
(#) = qualifier out of range (m) = manual integration (+) = signals summed

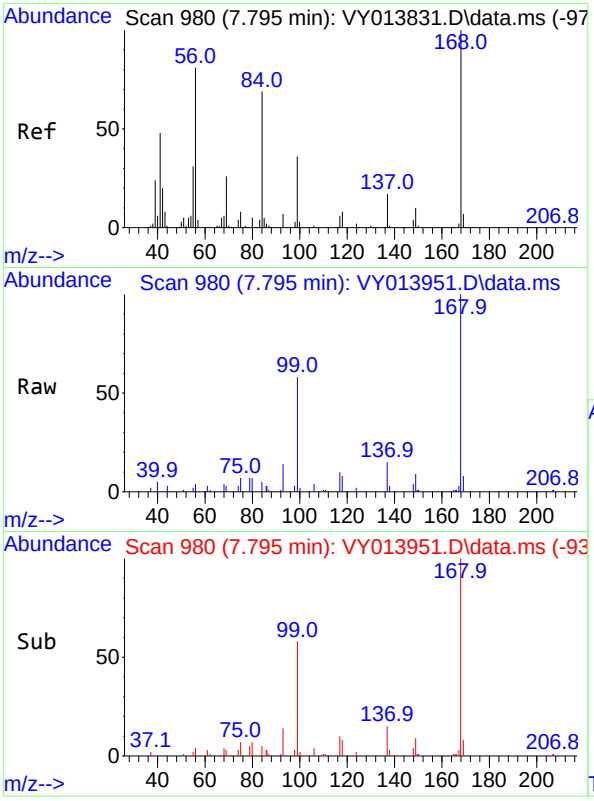
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
Data File : VY013951.D
Acq On : 31 May 2023 21:17
Operator : KP/MD
Sample : 02852-09
Misc : 6.47g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-50.5-051823RE

Quant Time: Jun 01 03:32:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration



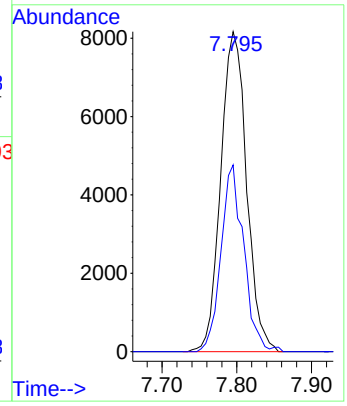


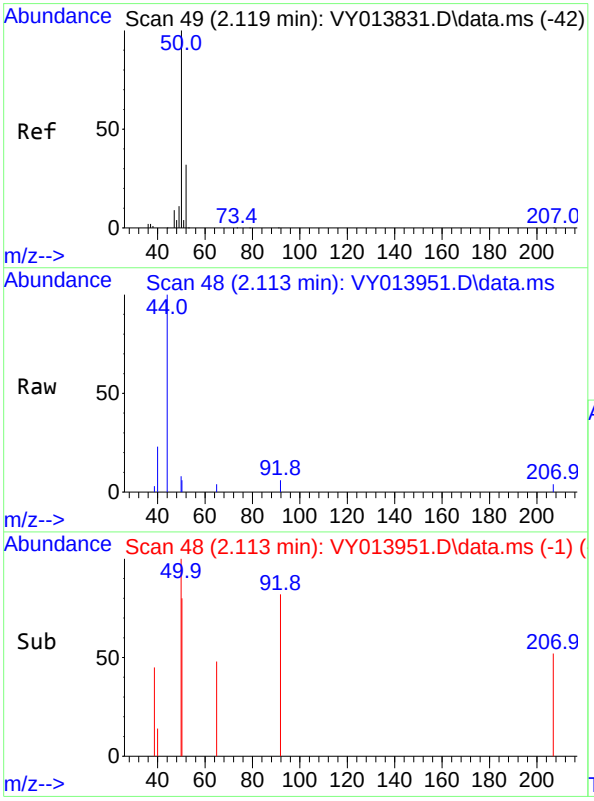
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-50.5-051823RE

Tgt Ion:168 Resp: 19614

Ion	Ratio	Lower	Upper
168	100		
99	58.4	43.4	65.2

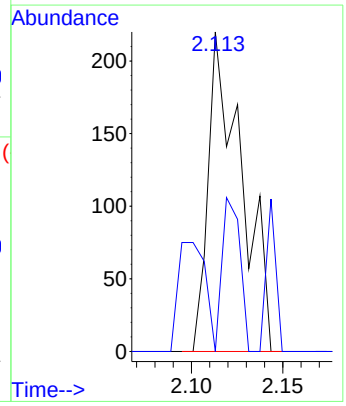


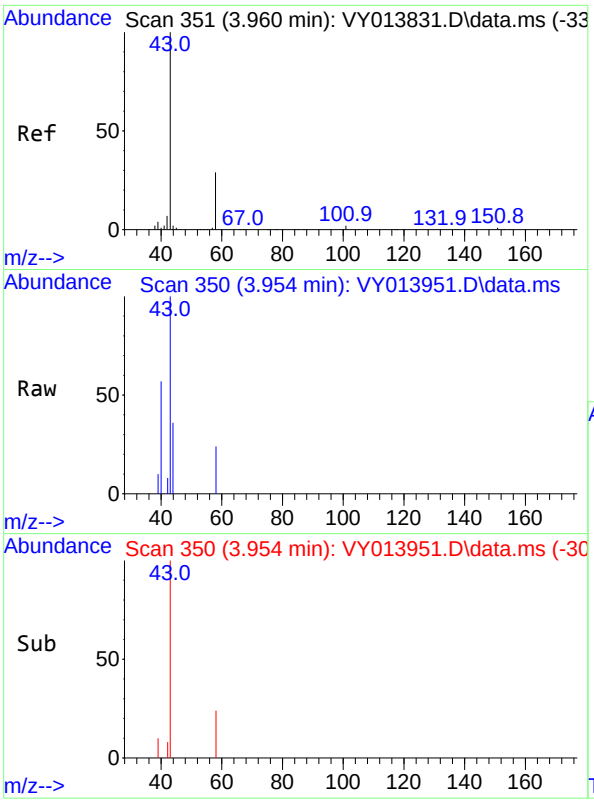


#3
Chloromethane
Concen: 1.270 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Tgt Ion: 50 Resp: 278

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.7	38.5#



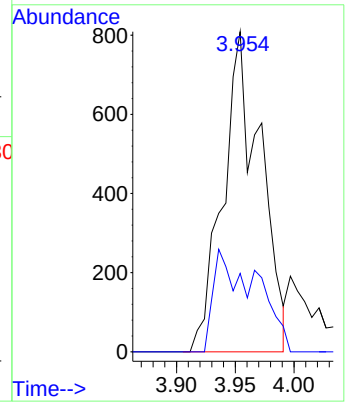


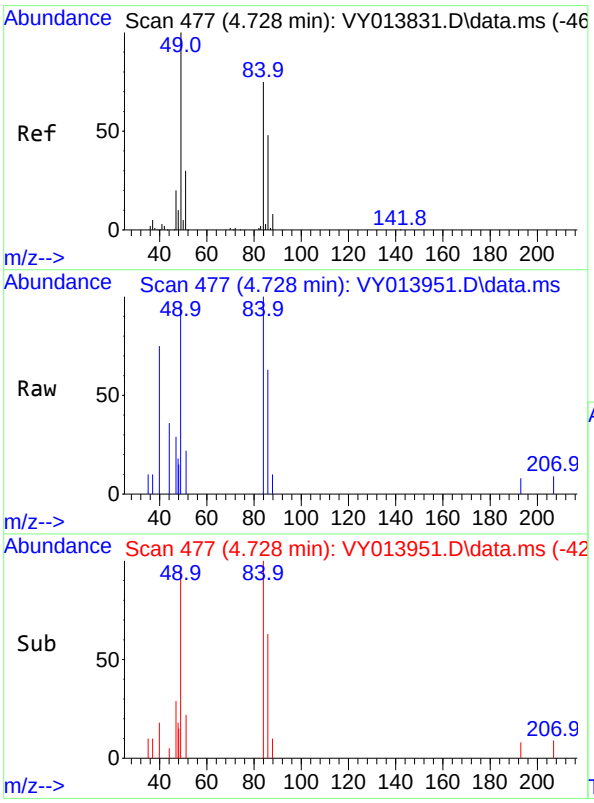
#16
Acetone
Concen: 26.771 ug/l
RT: 3.954 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-50.5-051823RE

Tgt Ion: 43 Resp: 1803

Ion	Ratio	Lower	Upper
43	100		
58	24.5	23.3	34.9

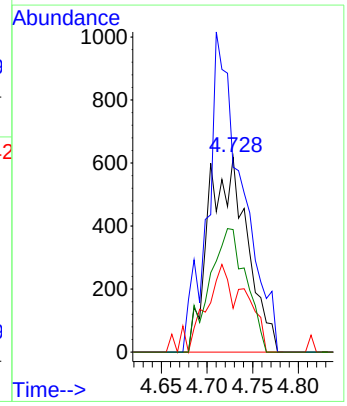


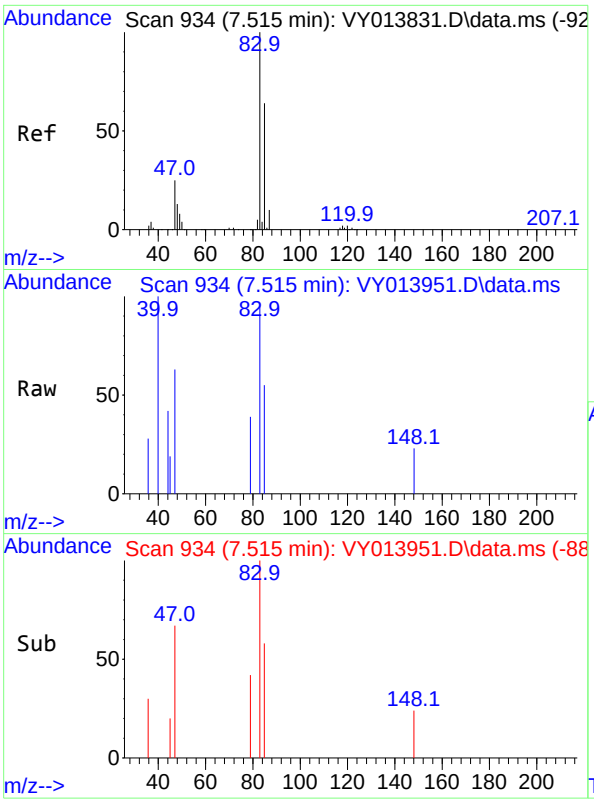


#20
Methylene Chloride
Concen: 5.389 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Tgt Ion: 84 Resp: 1828

Ion	Ratio	Lower	Upper
84	100		
49	95.0	106.2	159.2#
51	22.5	31.4	47.0#
86	62.9	50.6	75.8



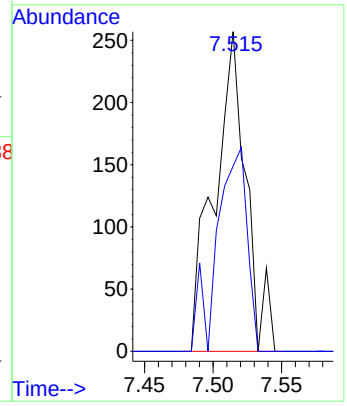


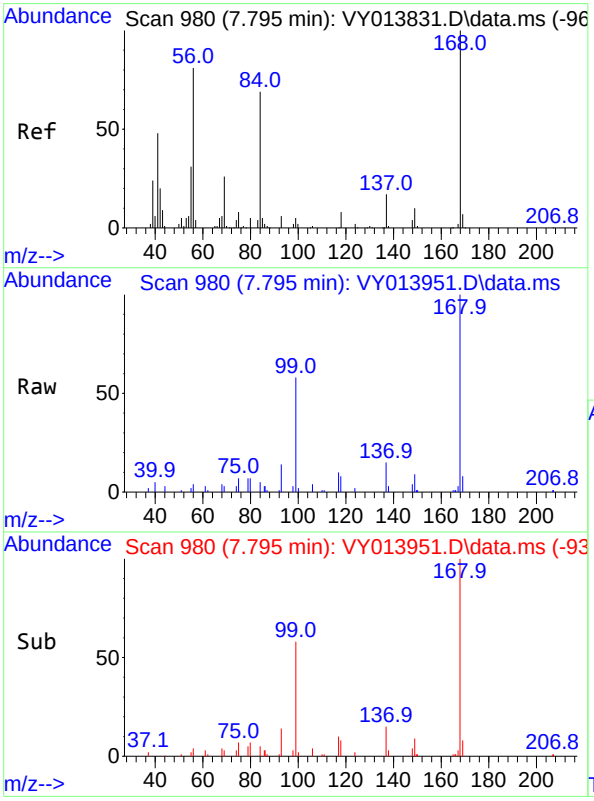
#30
Chloroform
Concen: 1.039 ug/l
RT: 7.515 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-50.5-051823RE

Tgt Ion: 83 Resp: 416

Ion	Ratio	Lower	Upper
83	100		
85	58.0	51.0	76.6

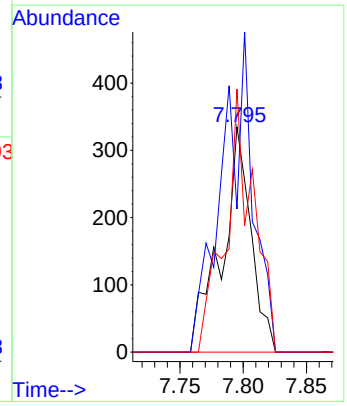


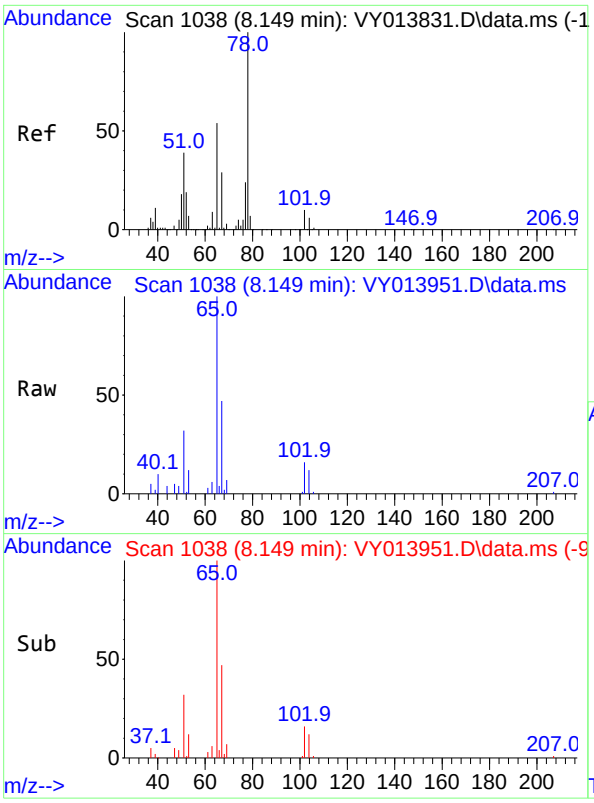


#31
Cyclohexane
Concen: 1.555 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Tgt Ion: 56 Resp: 542

Ion	Ratio	Lower	Upper
56	100		
69	63.6	25.8	38.8#
84	116.7	68.2	102.2#



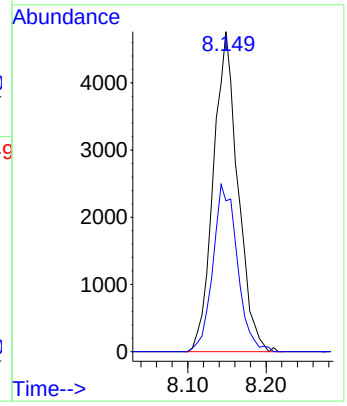


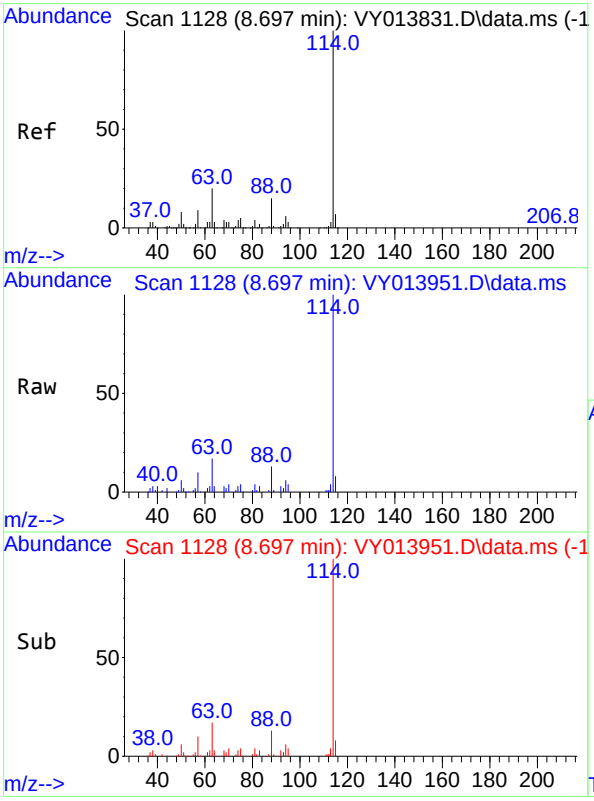
#33
1,2-Dichloroethane-d4
Concen: 45.621 ug/l
RT: 8.149 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-50.5-051823RE

Tgt Ion: 65 Resp: 10352

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.4

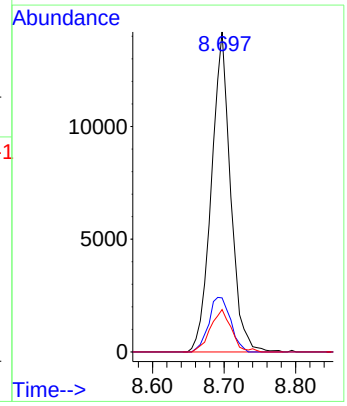


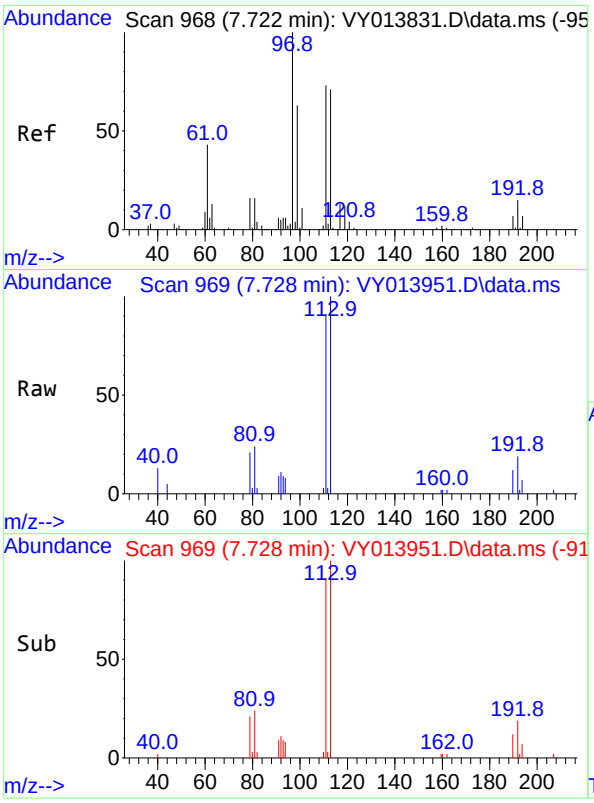


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Tgt Ion:114 Resp: 26399

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	40.2
88	13.3	0.0	30.0



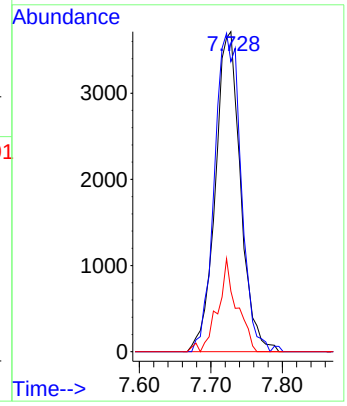


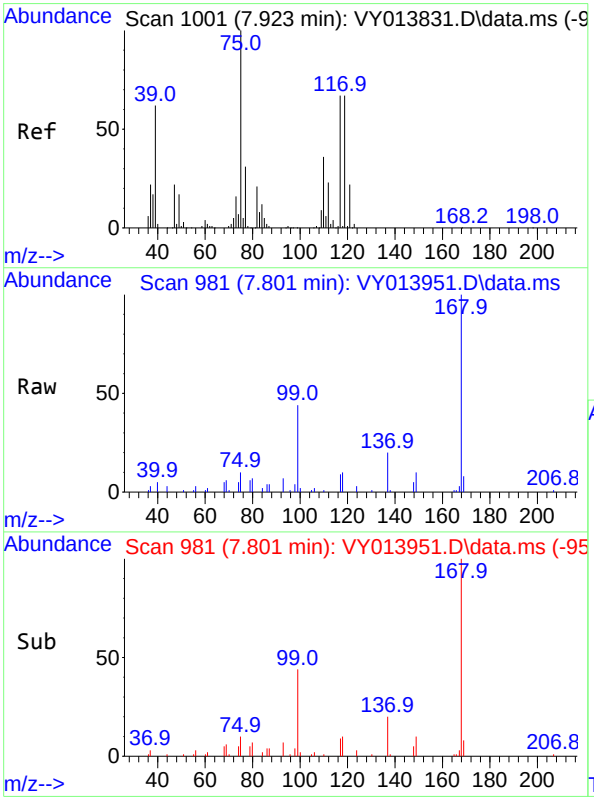
#35
Dibromofluoromethane
Concen: 53.171 ug/l
RT: 7.728 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-50.5-051823RE

Tgt Ion:113 Resp: 9065

Ion	Ratio	Lower	Upper
113	100		
111	104.9	80.4	120.6
192	22.1	16.6	25.0

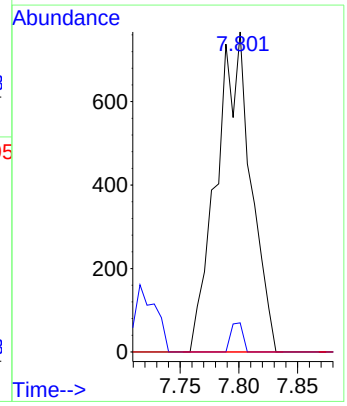


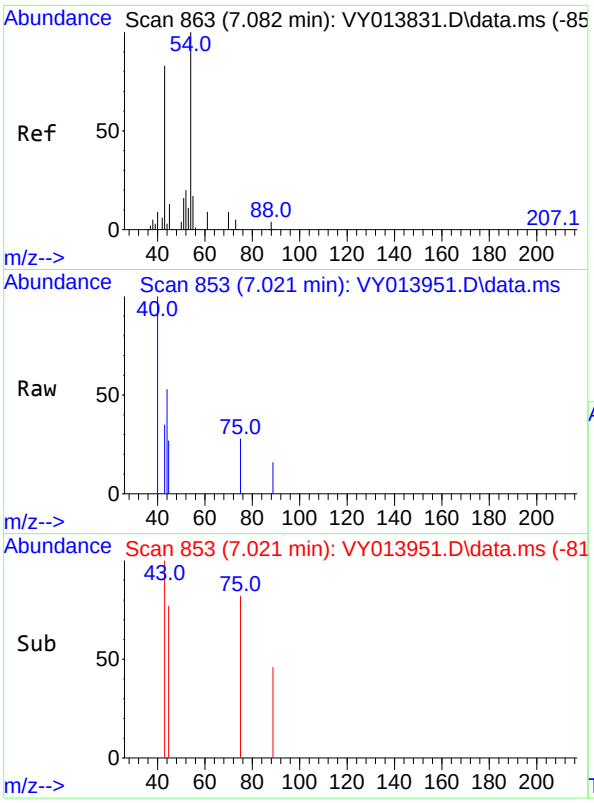


#36
1,1-Dichloropropene
Concen: 6.046 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Tgt Ion: 75 Resp: 1570

Ion	Ratio	Lower	Upper
75	100		
110	3.2	17.5	52.6#
77	0.0	24.4	36.6#



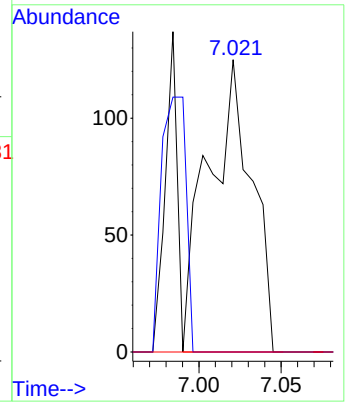


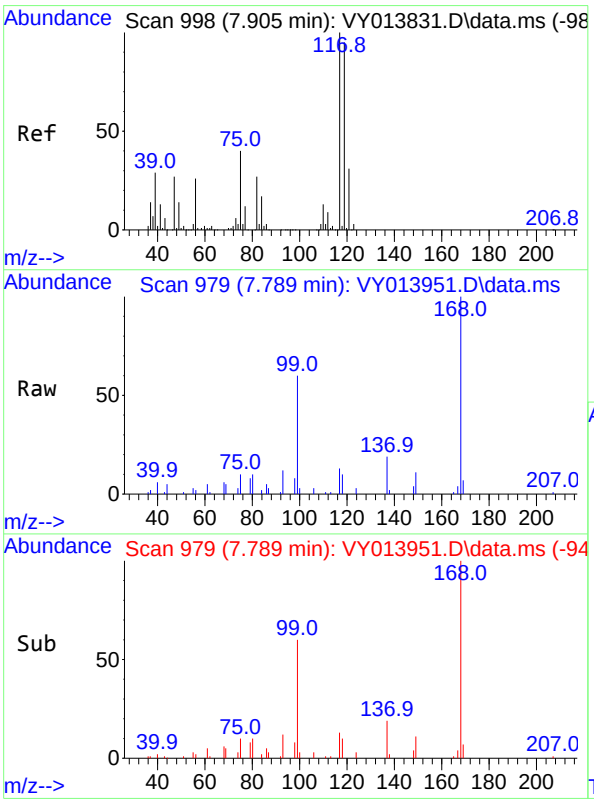
#37
Ethyl Acetate
Concen: 1.465 ug/l
RT: 7.021 min Scan# 8
Delta R.T. -0.061 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-50.5-051823RE

Tgt Ion: 43 Resp: 232

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.5	15.7#
70	0.0	6.9	10.3#

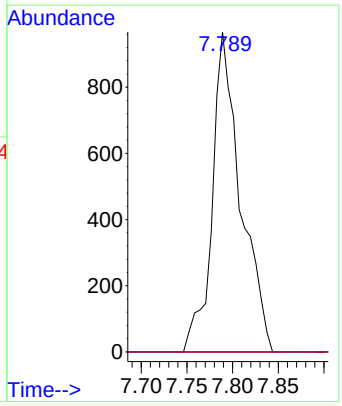


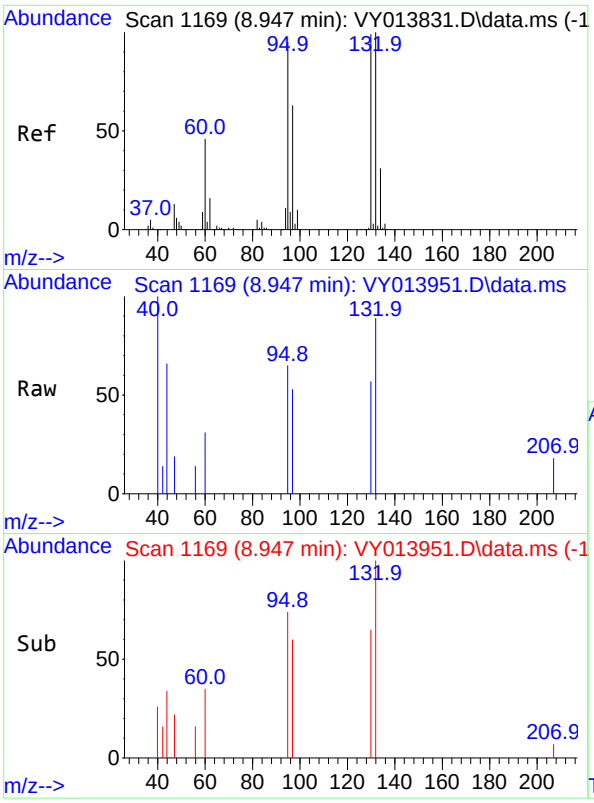


#38
Carbon Tetrachloride
Concen: 7.074 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Tgt Ion:117 Resp: 2089

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.6	113.4#
121	0.0	24.8	37.2#



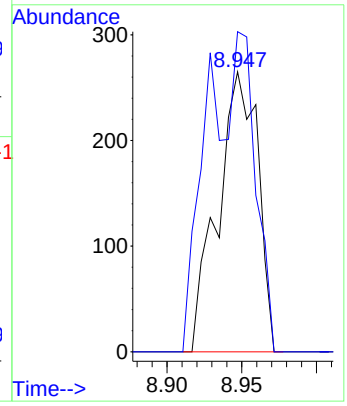


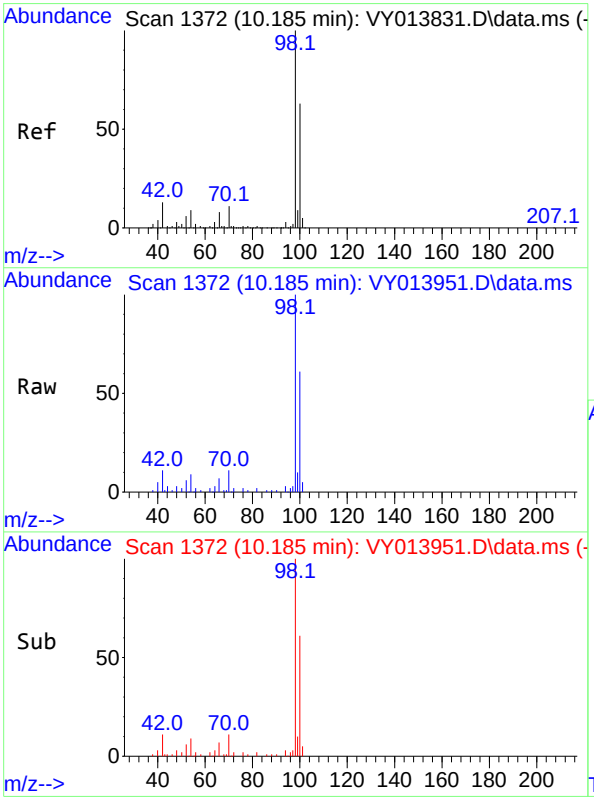
#44
Trichloroethene
Concen: 2.454 ug/l
RT: 8.947 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-50.5-051823RE

Tgt Ion:130 Resp: 493

Ion	Ratio	Lower	Upper
130	100		
95	114.3	0.0	192.8

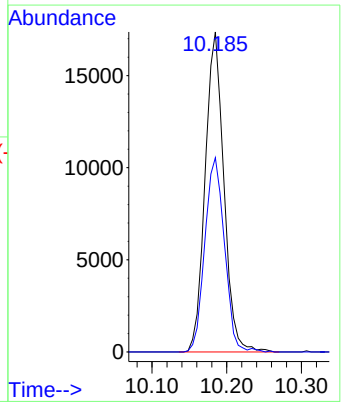


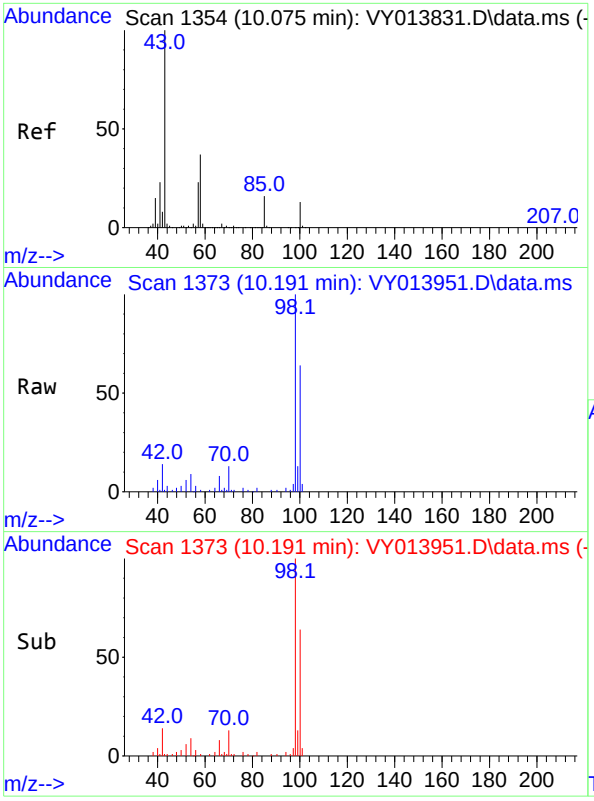


#50
Toluene-d8
Concen: 46.581 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Tgt Ion: 98 Resp: 30183

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.8	76.2



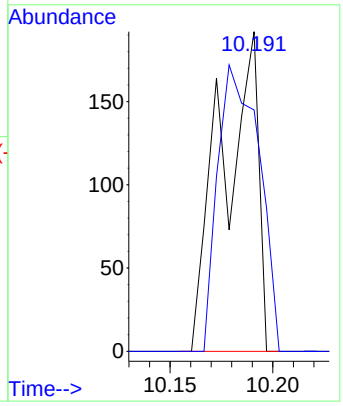


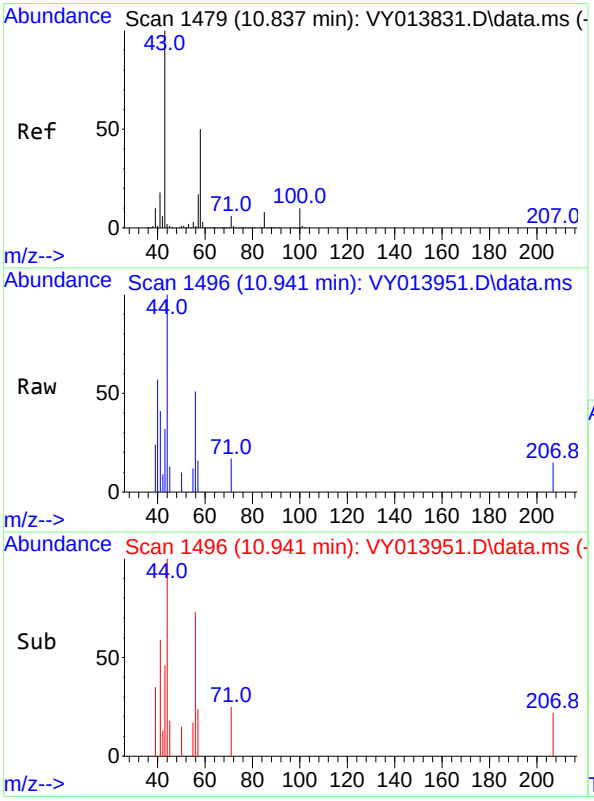
#51
4-Methyl-2-Pentanone
Concen: 1.534 ug/l
RT: 10.191 min Scan# 1
Delta R.T. 0.116 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-50.5-051823RE

Tgt Ion: 43 Resp: 236

Ion	Ratio	Lower	Upper
43	100		
58	101.7	29.1	43.7#

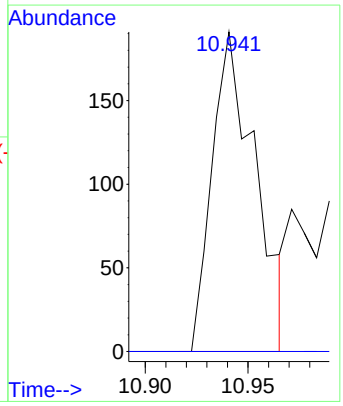


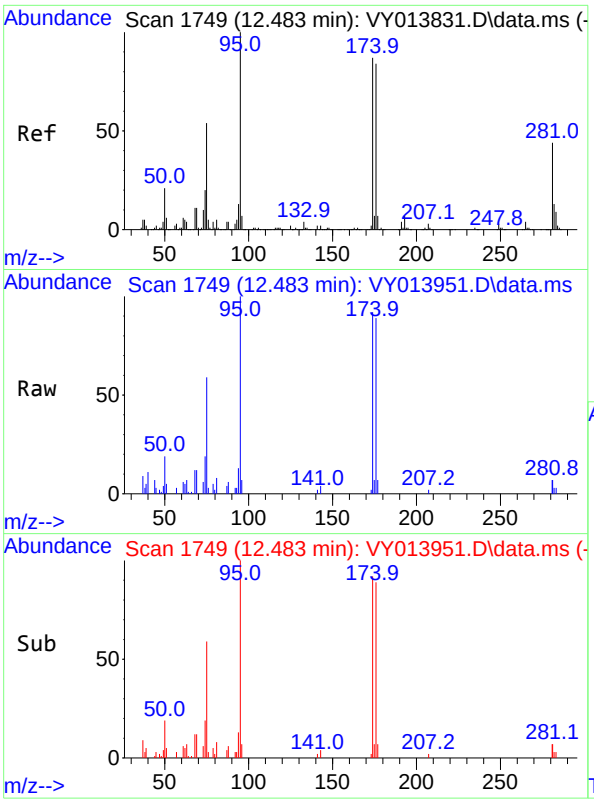


#59
2-Hexanone
Concen: 2.559 ug/l
RT: 10.941 min Scan# 1496
Delta R.T. 0.104 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Tgt Ion: 43 Resp: 280

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.8	74.3#



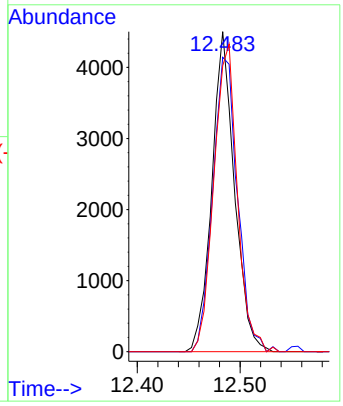


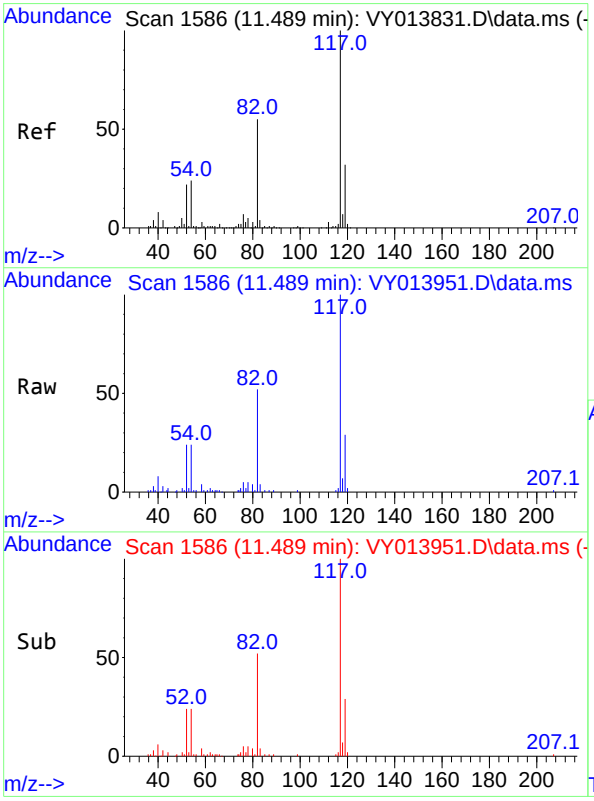
#62
4-Bromofluorobenzene
Concen: 31.999 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-50.5-051823RE

Tgt Ion: 95 Resp: 6892

Ion	Ratio	Lower	Upper
95	100		
174	100.7	0.0	176.0
176	99.5	0.0	170.2

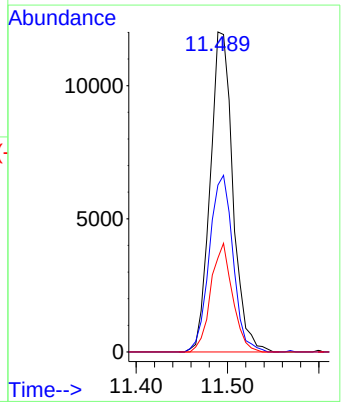


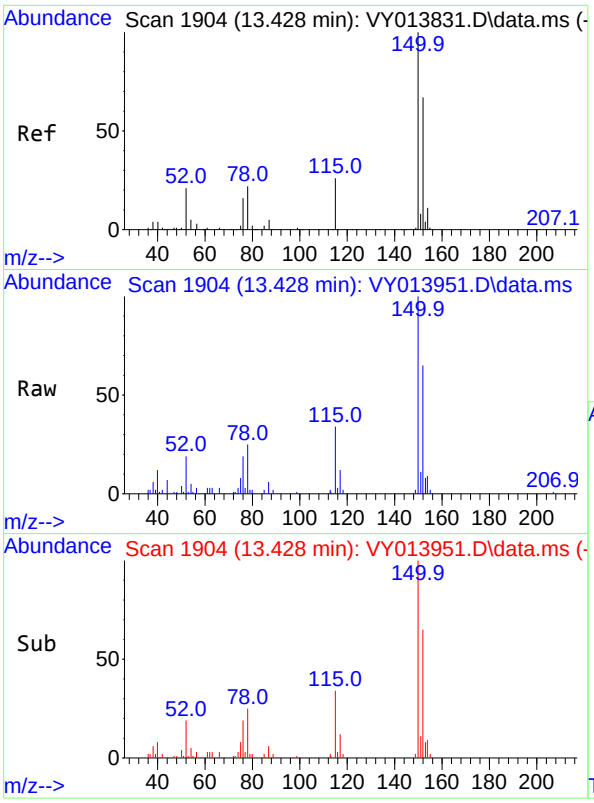


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Tgt Ion:117 Resp: 20665

Ion	Ratio	Lower	Upper
117	100		
82	52.1	44.2	66.4
119	29.4	25.7	38.5



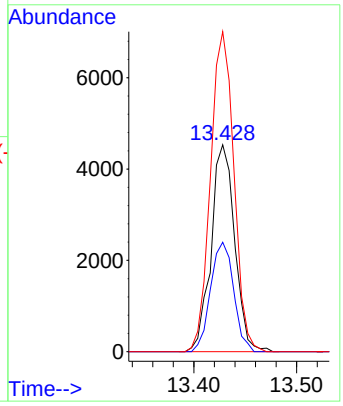


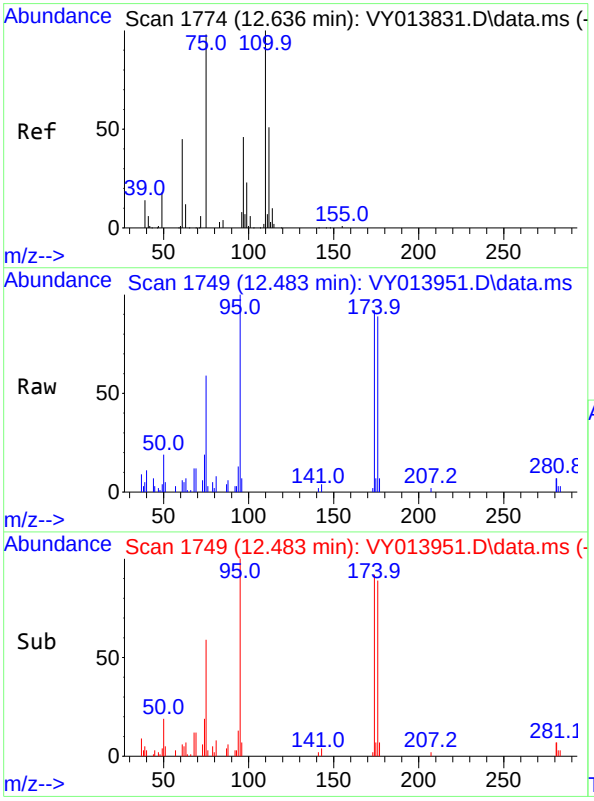
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-50.5-051823RE

Tgt Ion:152 Resp: 7216

Ion	Ratio	Lower	Upper
152	100		
115	51.7	28.8	86.5
150	153.5	0.0	353.4

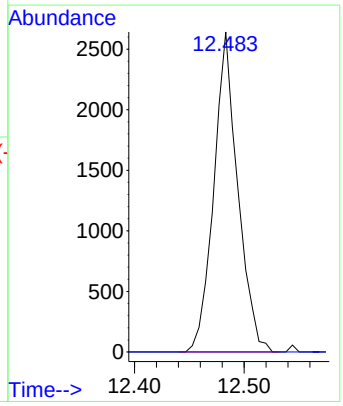


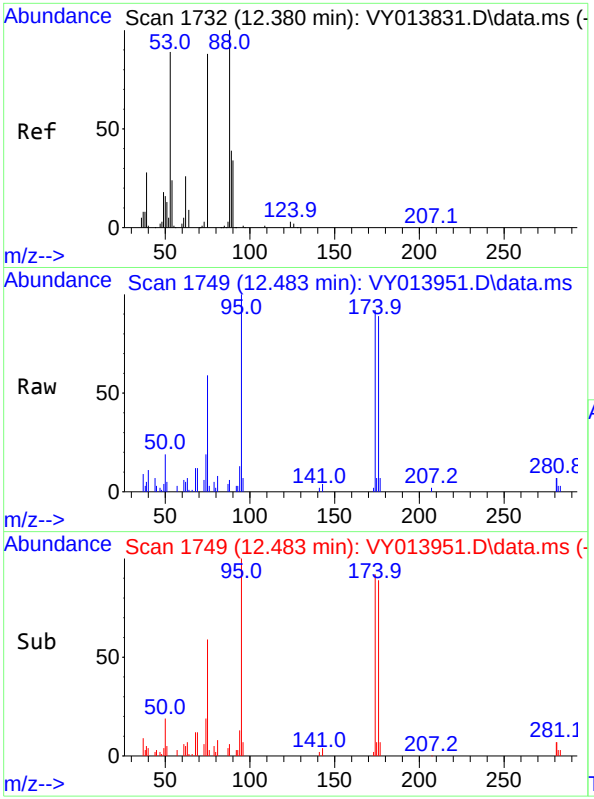


#76
1,2,3-Trichloropropane
Concen: 47.176 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Tgt Ion: 75 Resp: 4014

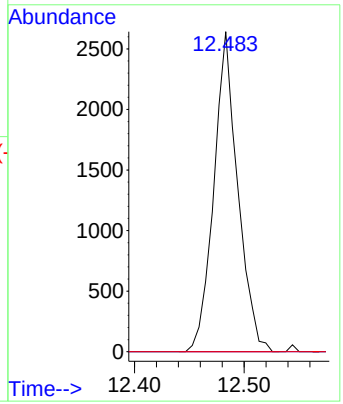
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 102.403 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-50.5-051823RE

Tgt Ion: 75 Resp: 4014

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.7	119.5#
89	0.0	36.4	54.6#