Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
Data File : VY011796.D
Acq On : 13 Dec 2022 16:11
Operator : KP/MD
Sample : N6022-01RE
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-121222

Quant Time: Dec 13 22:18:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 10 04:19:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	264886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	442114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	373589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	166066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94449	52.492	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.980%			
35) Dibromofluoromethane	7.716	113	95662	48.591	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.180%			
50) Toluene-d8	10.179	98	269863	40.664	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 81.320%			
62) 4-Bromofluorobenzene	12.483	95	101707	38.641	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 77.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	42	Below Cal	#	41
3) Chloromethane	2.113	50	121	Below Cal	#	41
4) Vinyl Chloride	2.192	62	19	Below Cal	#	43
5) Bromomethane	2.650	94	50	Below Cal	#	1
11) Tert butyl alcohol	4.918	59	4177	Below Cal	#	76
16) Acetone	3.942	43	1595	2.205	ug/l	96
18) Methyl Acetate	4.460	43	45	Below Cal	#	50
20) Methylene Chloride	4.710	84	25224	4.444	ug/l	92
25) 2-Butanone	6.978	43	1269	1.364	ug/l #	68
31) Cyclohexane	7.789	56	5013	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	19408	5.785	ug/l #	50
38) Carbon Tetrachloride	7.789	117	26408	6.701	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	53824	32.035	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53824	72.694	ug/l #	13

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

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Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-121222

Quant Time: Dec 13 22:18:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
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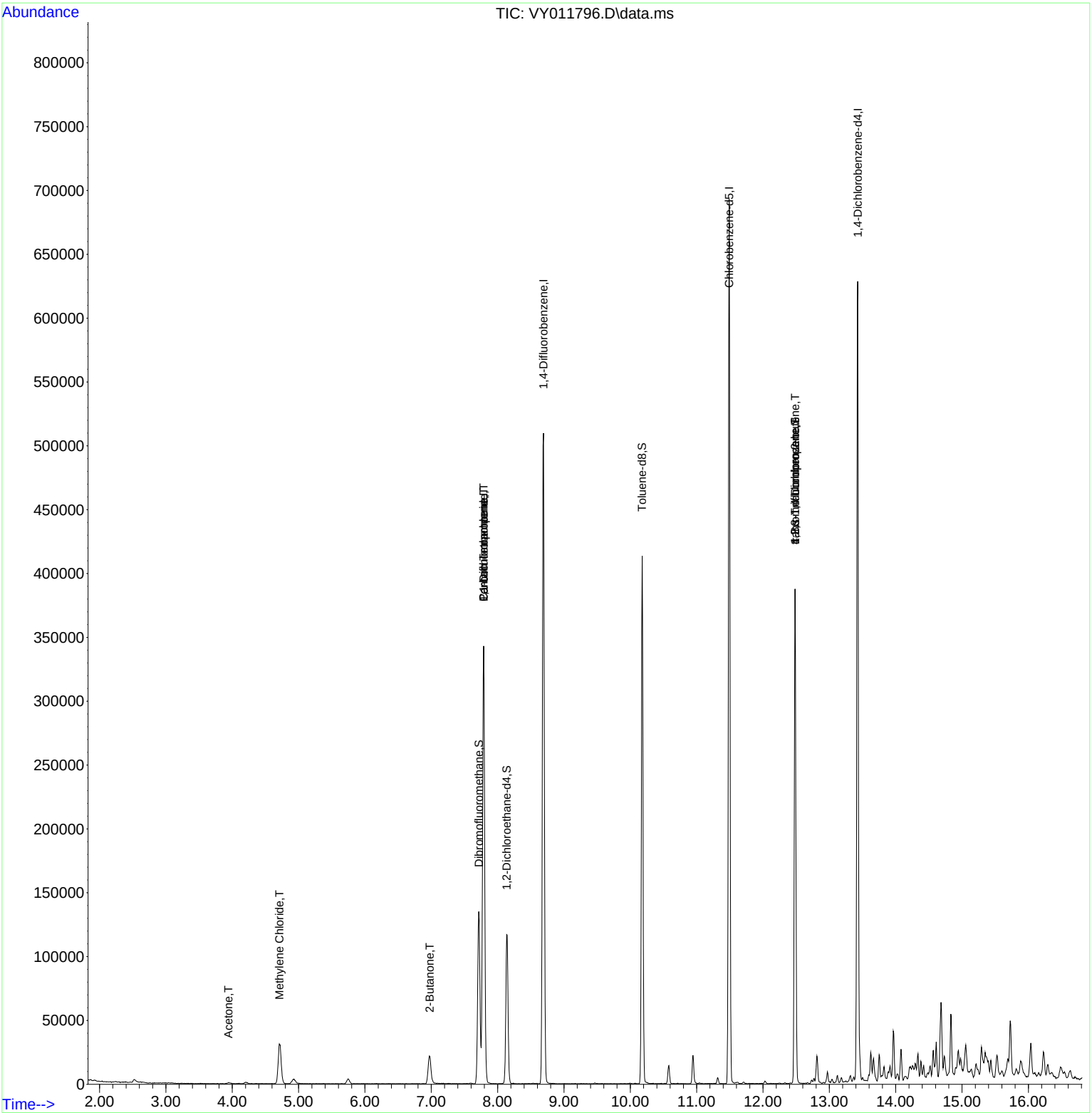
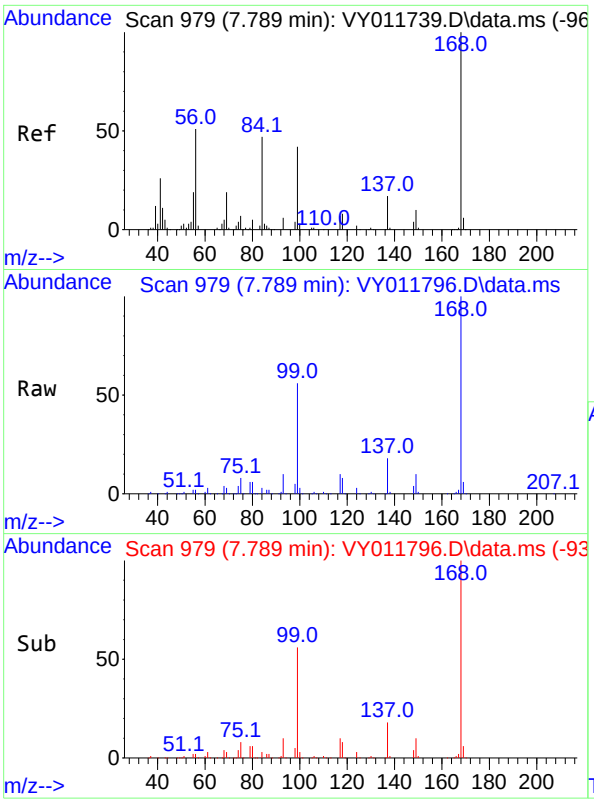


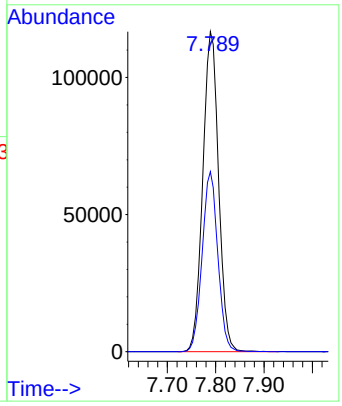


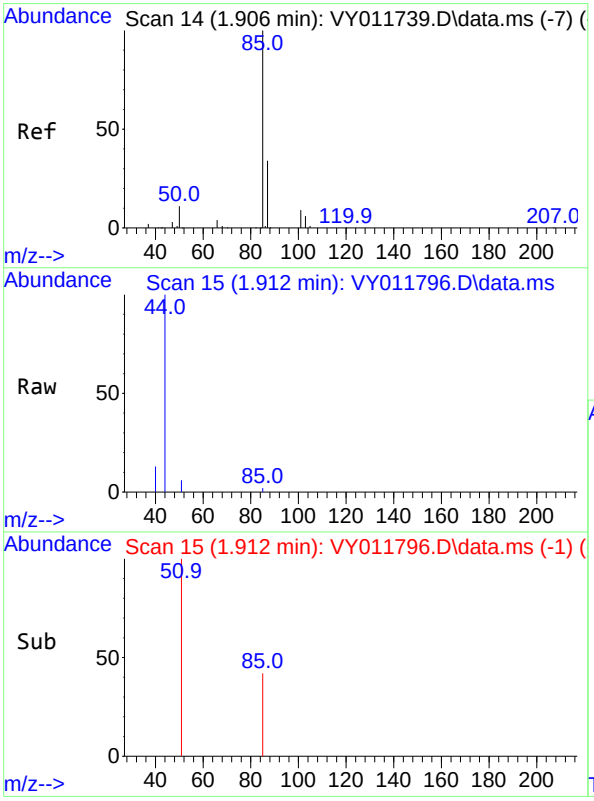
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY011796.D
Acq: 13 Dec 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-121222

Tgt Ion:168 Resp: 264886

Ion	Ratio	Lower	Upper
168	100		
99	56.3	44.0	66.0

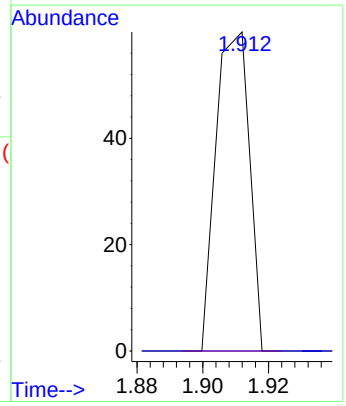


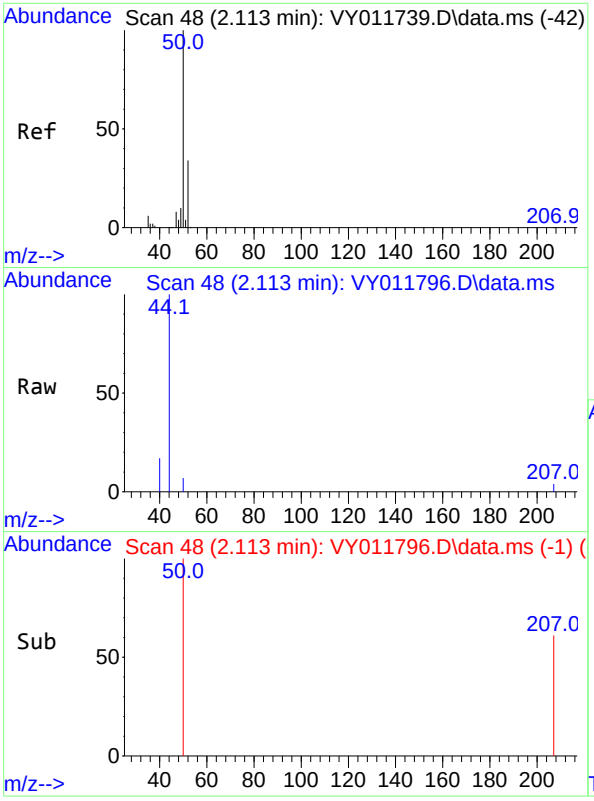


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY011796.D
Acq: 13 Dec 2022 16:11

Tgt Ion: 85 Resp: 42

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.8	50.4#



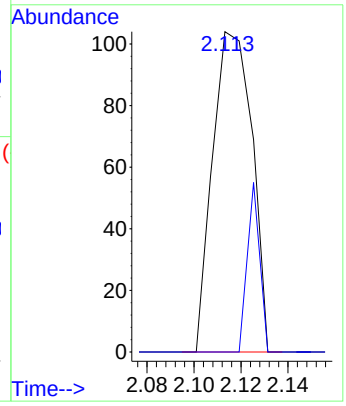


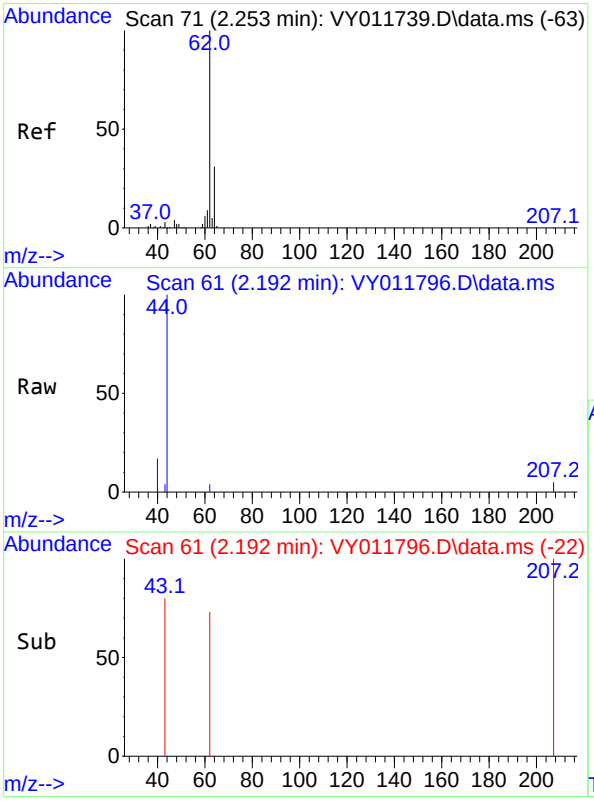
#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 4
Delta R.T. 0.000 min
Lab File: VY011796.D
Acq: 13 Dec 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-121222

Tgt Ion: 50 Resp: 121

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.8	40.2#

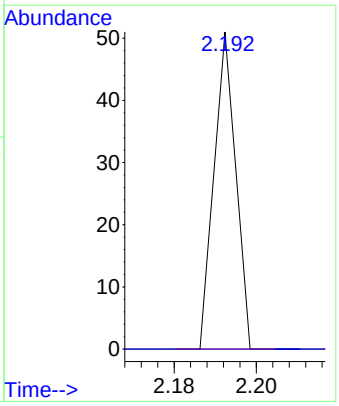


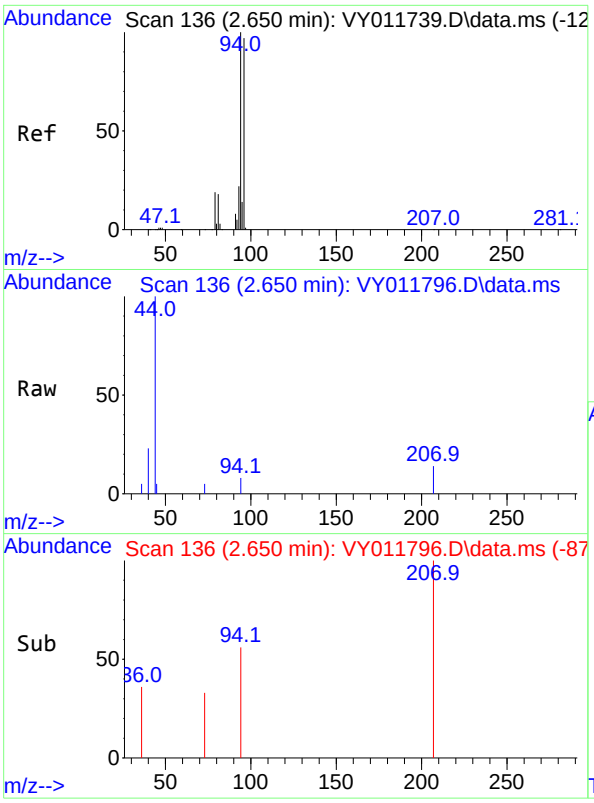


#4
Vinyl Chloride
Concen: Below Cal
RT: 2.192 min Scan# 61
Delta R.T. -0.061 min
Lab File: VY011796.D
Acq: 13 Dec 2022 16:11

Tgt Ion: 62 Resp: 19

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.0	37.6#



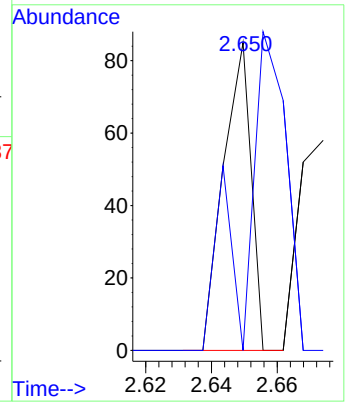


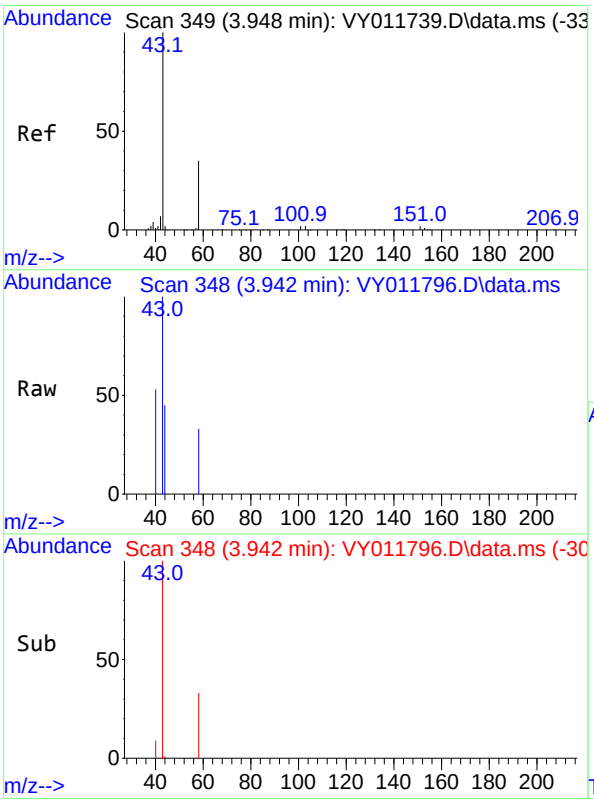
#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011796.D
Acq: 13 Dec 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-121222

Tgt Ion: 94 Resp: 50

Ion	Ratio	Lower	Upper
94	100		
96	0.0	77.4	116.2#

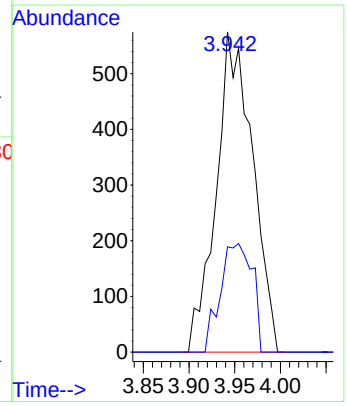


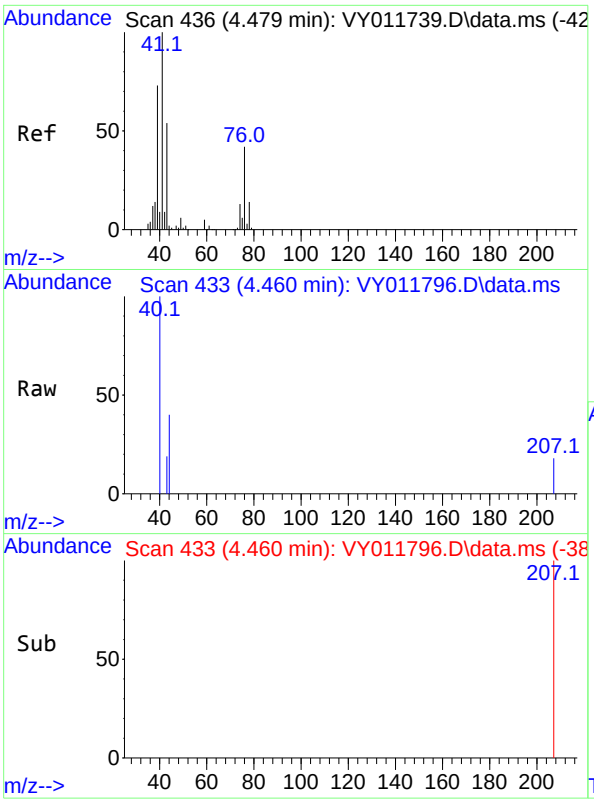


#16
Acetone
Concen: 2.205 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011796.D
Acq: 13 Dec 2022 16:11

Tgt Ion: 43 Resp: 1595

Ion	Ratio	Lower	Upper
43	100		
58	32.9	27.9	41.9



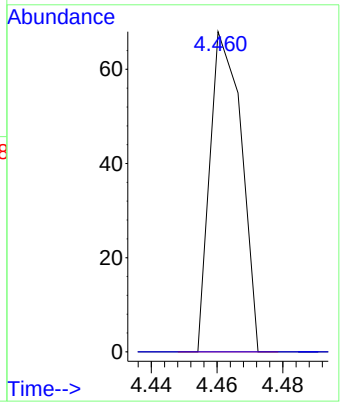


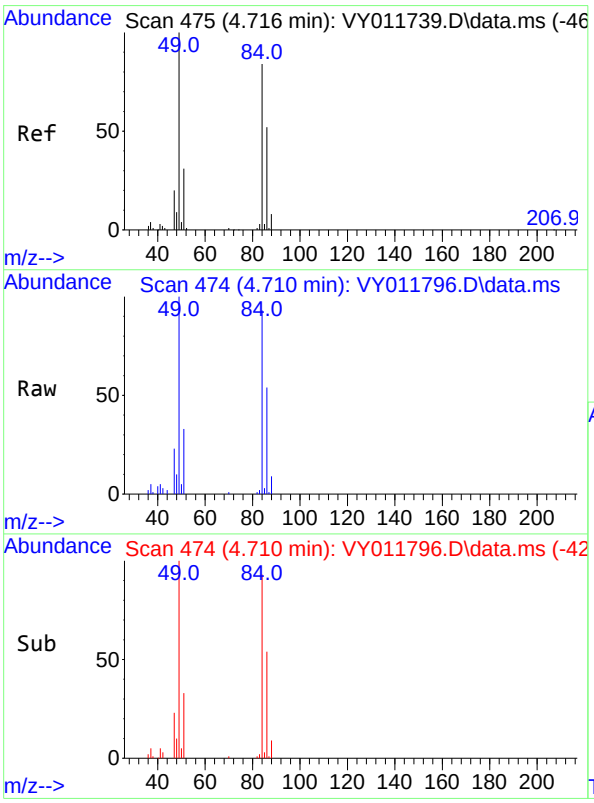
#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 4
Delta R.T. -0.019 min
Lab File: VY011796.D
Acq: 13 Dec 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-121222

Tgt Ion: 43 Resp: 45

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.1	30.1#

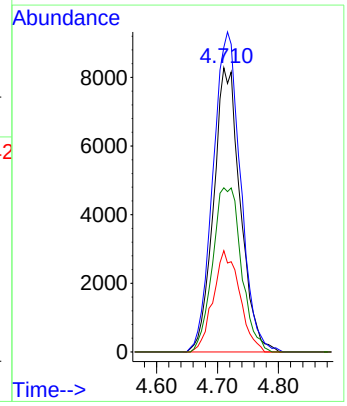


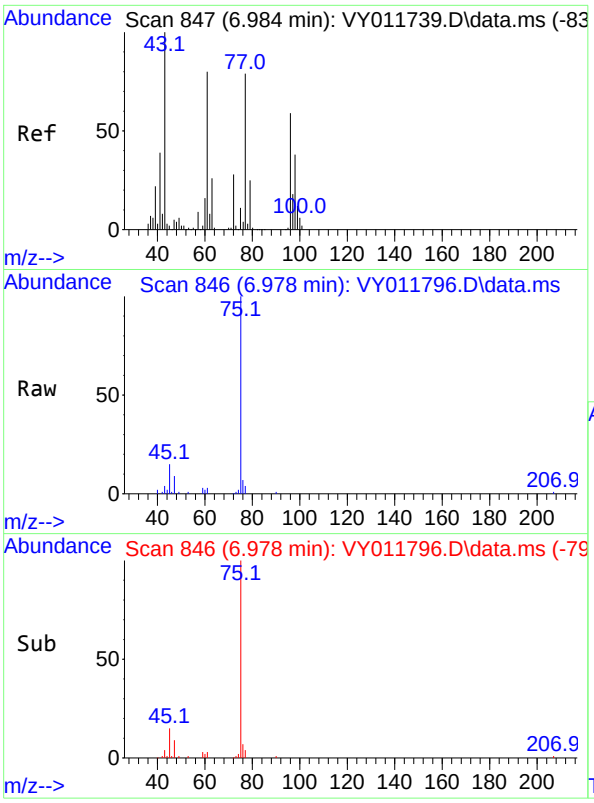


#20
Methylene Chloride
Concen: 4.444 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY011796.D
Acq: 13 Dec 2022 16:11

Tgt Ion: 84 Resp: 25224

Ion	Ratio	Lower	Upper
84	100		
49	107.2	95.4	143.2
51	35.6	29.9	44.9
86	57.8	49.6	74.4



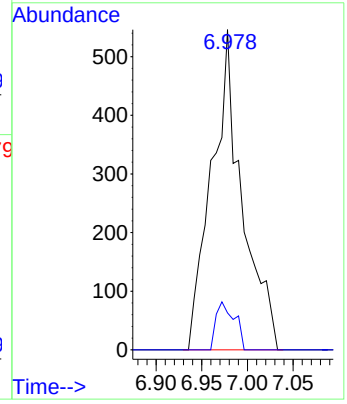


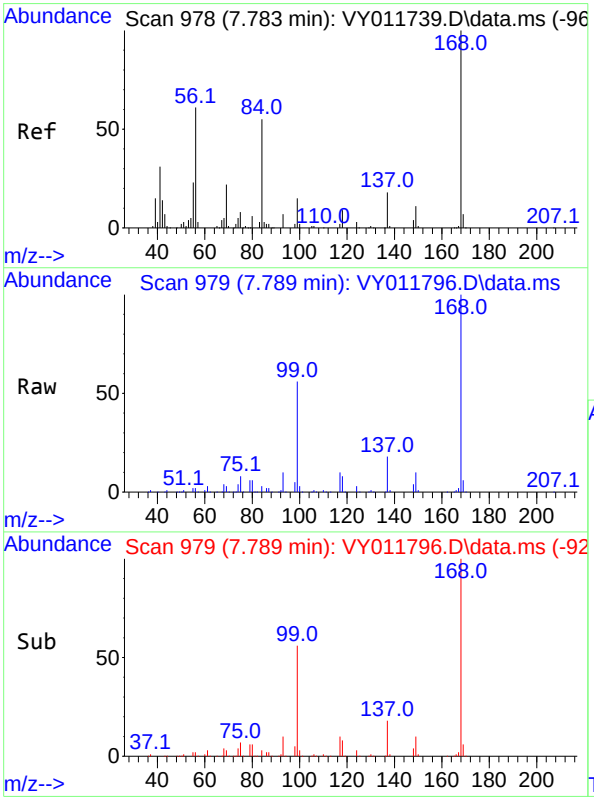
#25
2-Butanone
Concen: 1.364 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY011796.D
Acq: 13 Dec 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-121222

Tgt Ion: 43 Resp: 1269

Ion	Ratio	Lower	Upper
43	100		
72	11.5	22.6	34.0#

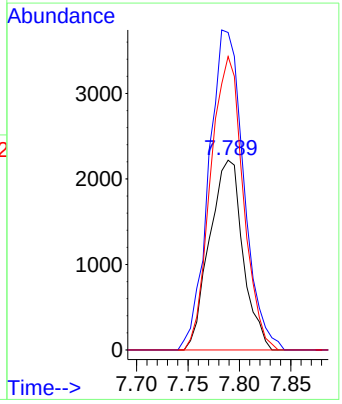


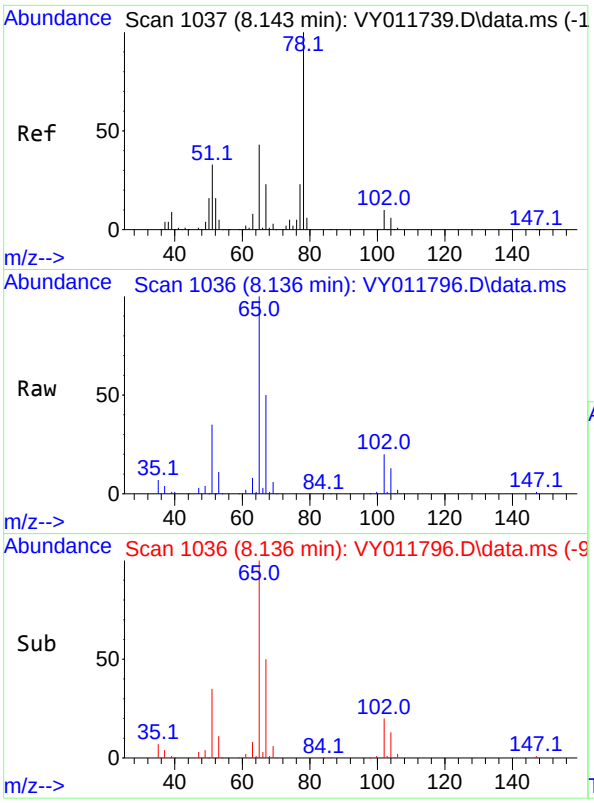


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011796.D
Acq: 13 Dec 2022 16:11

Tgt Ion: 56 Resp: 5013

Ion	Ratio	Lower	Upper
56	100		
69	167.3	29.2	43.8#
84	154.6	72.6	108.8#



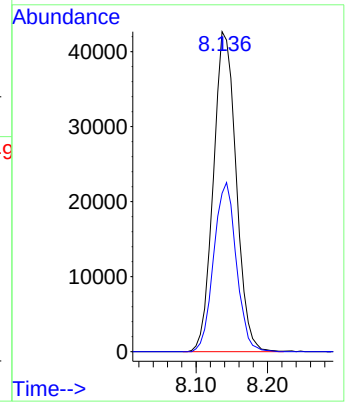


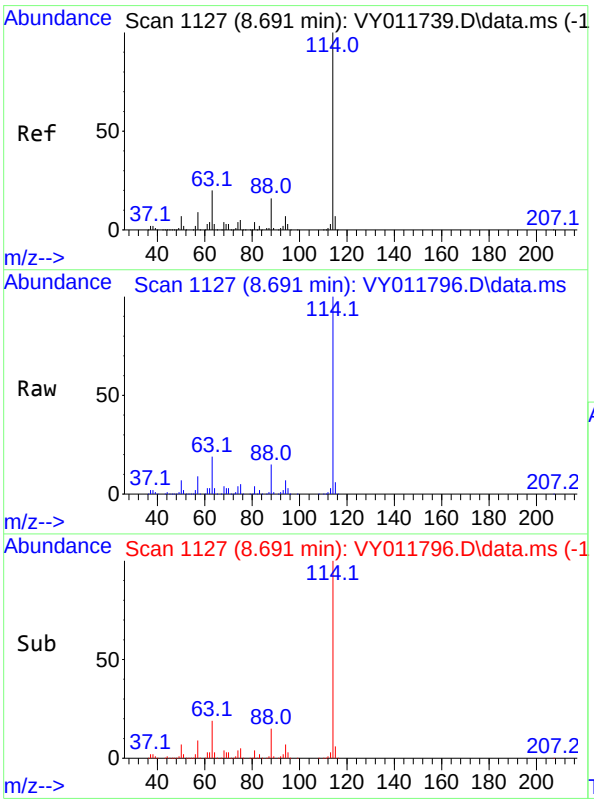
#33
1,2-Dichloroethane-d4
Concen: 52.492 ug/l
RT: 8.136 min Scan# 1
Delta R.T. -0.007 min
Lab File: VY011796.D
Acq: 13 Dec 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-121222

Tgt Ion: 65 Resp: 94449

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.2

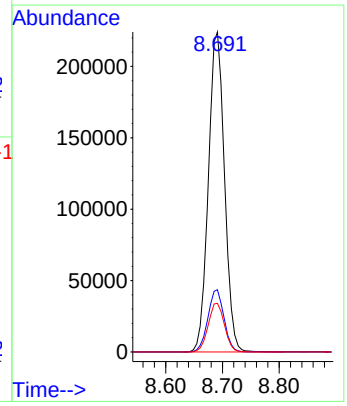


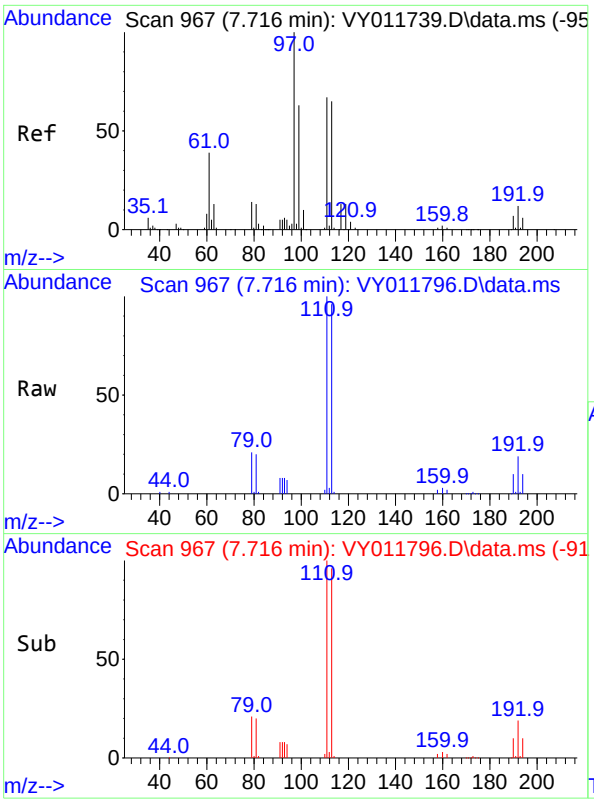


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011796.D
Acq: 13 Dec 2022 16:11

Tgt Ion:114 Resp: 442114

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.6
88	15.2	0.0	32.2



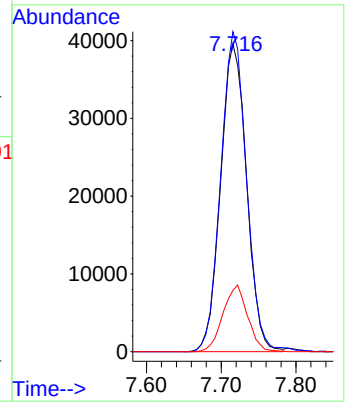


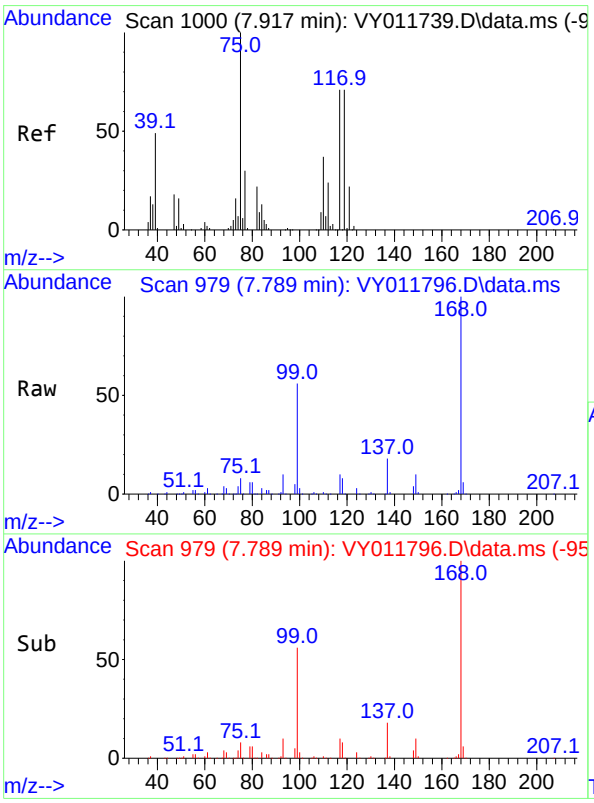
#35
Dibromofluoromethane
Concen: 48.591 ug/l
RT: 7.716 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY011796.D
Acq: 13 Dec 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-121222

Tgt Ion:113 Resp: 95662

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.0	124.4
192	20.5	16.0	24.0

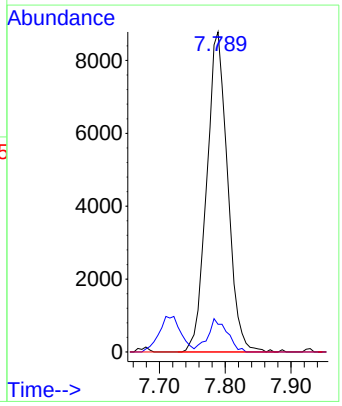


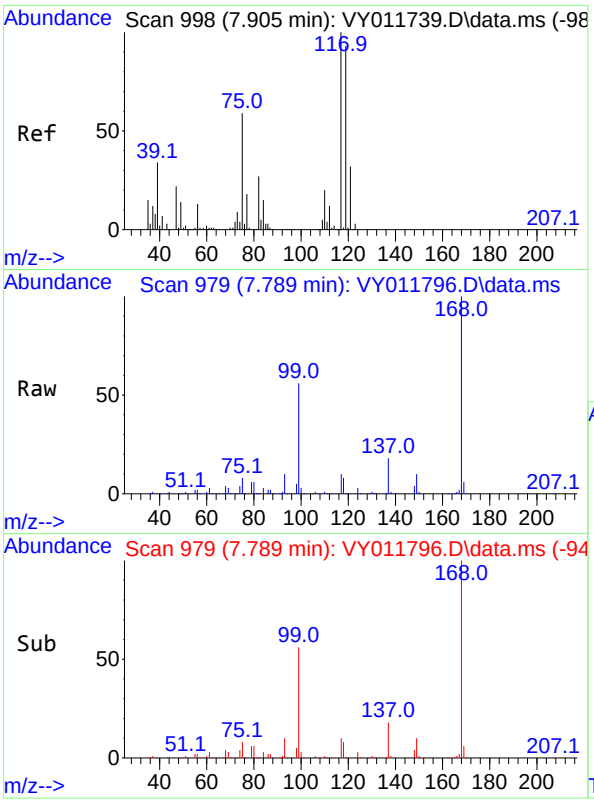


#36
1,1-Dichloropropene
Concen: 5.785 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011796.D
Acq: 13 Dec 2022 16:11

Tgt Ion: 75 Resp: 19408

Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.1#
77	0.0	25.1	37.7#



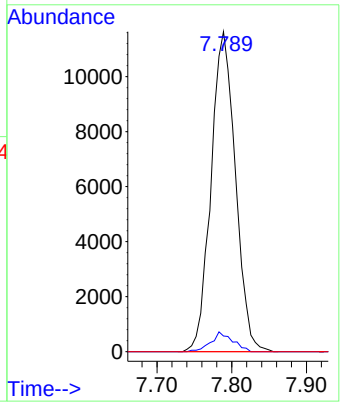


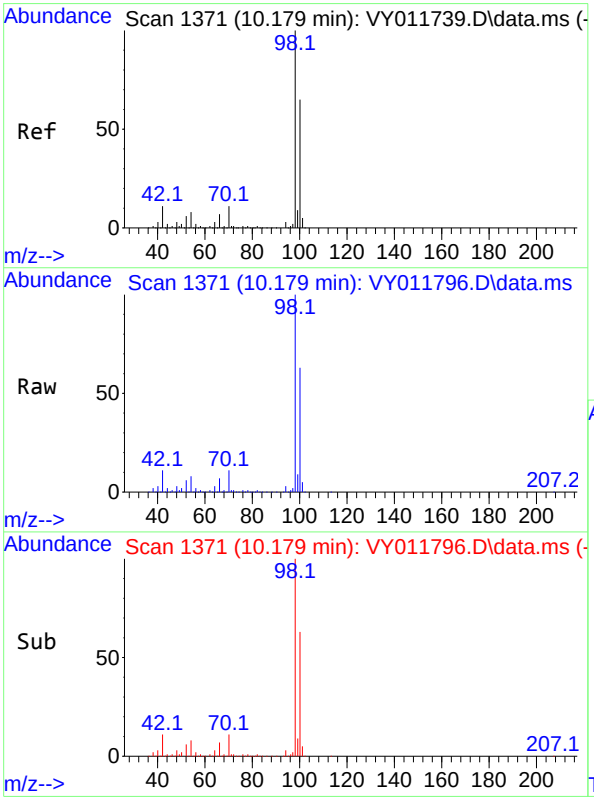
#38
Carbon Tetrachloride
Concen: 6.701 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.116 min
Lab File: VY011796.D
Acq: 13 Dec 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-121222

Tgt Ion:117 Resp: 26408

Ion	Ratio	Lower	Upper
117	100		
119	4.9	73.8	110.8#
121	0.0	25.2	37.8#

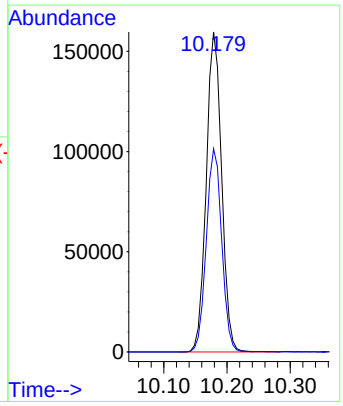


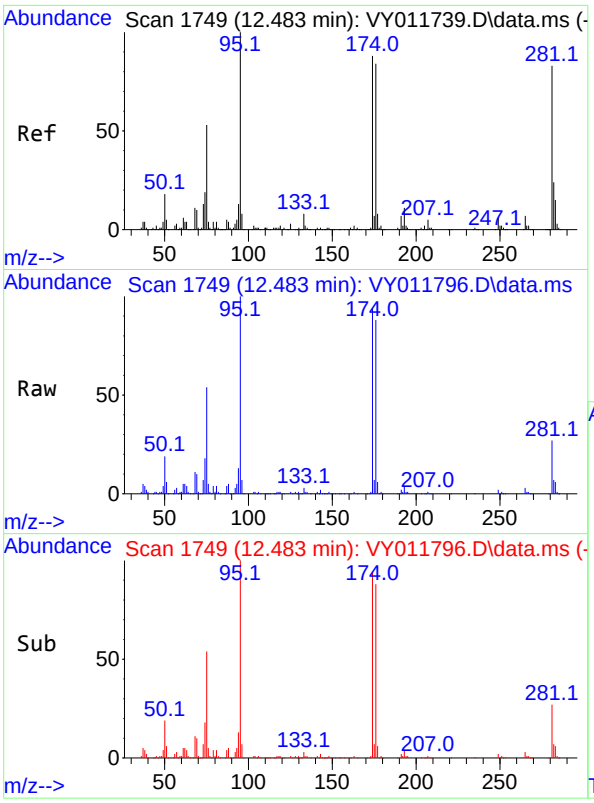


#50
Toluene-d8
Concen: 40.664 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011796.D
Acq: 13 Dec 2022 16:11

Tgt Ion: 98 Resp: 269863

Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.9	77.9



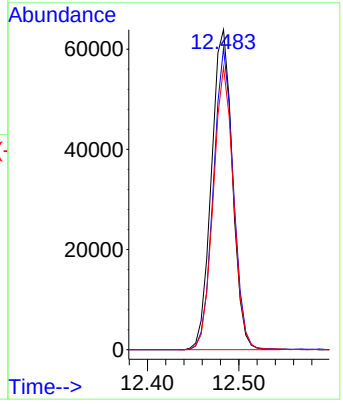


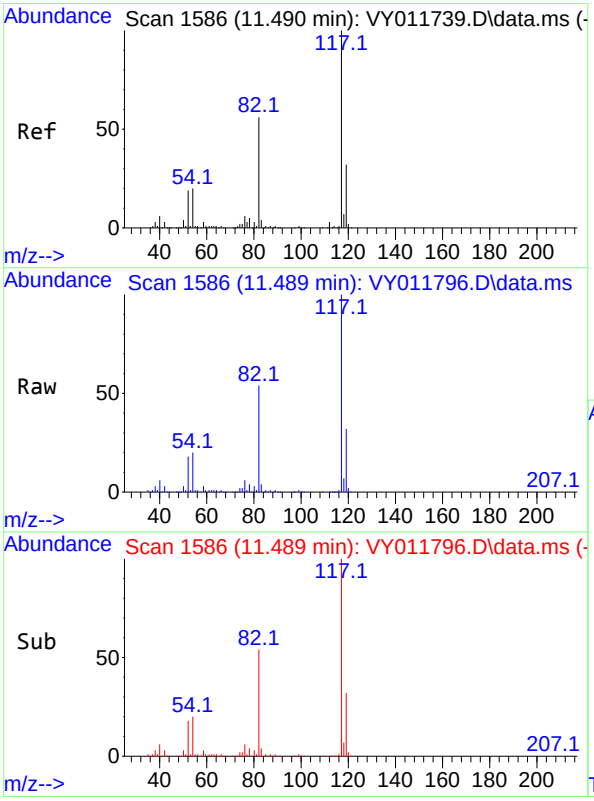
#62
4-Bromofluorobenzene
Concen: 38.641 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY011796.D
Acq: 13 Dec 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-121222

Tgt Ion: 95 Resp: 101707

Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	172.0
176	85.2	0.0	167.6

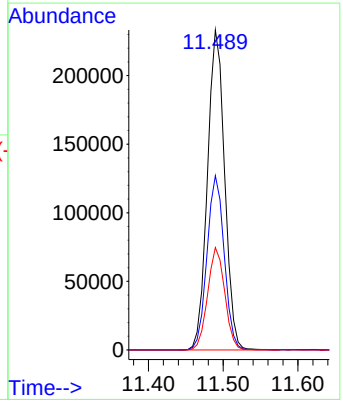


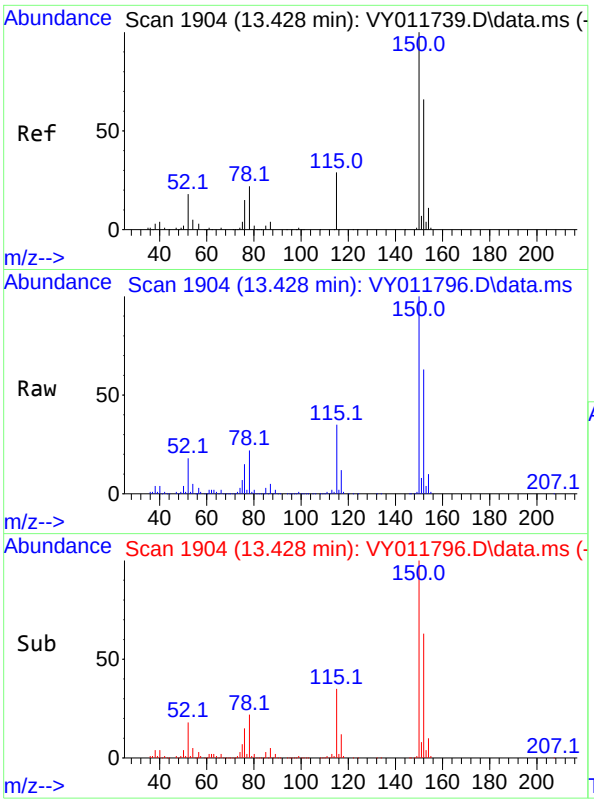


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011796.D
Acq: 13 Dec 2022 16:11

Tgt Ion:117 Resp: 373589

Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.8	67.2
119	32.0	25.4	38.2



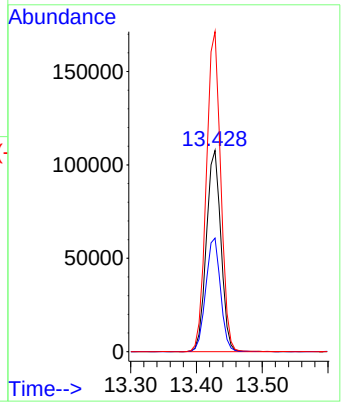


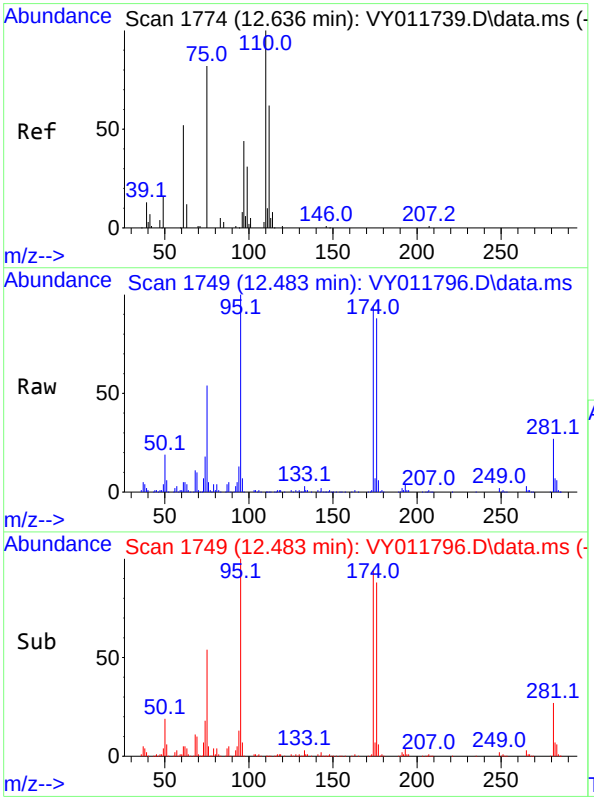
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011796.D
Acq: 13 Dec 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-121222

Tgt Ion:152 Resp: 166066

Ion	Ratio	Lower	Upper
152	100		
115	57.4	29.1	87.3
150	157.2	0.0	342.6

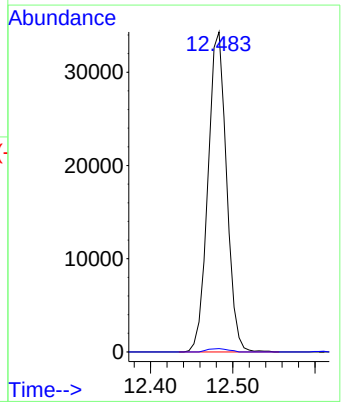


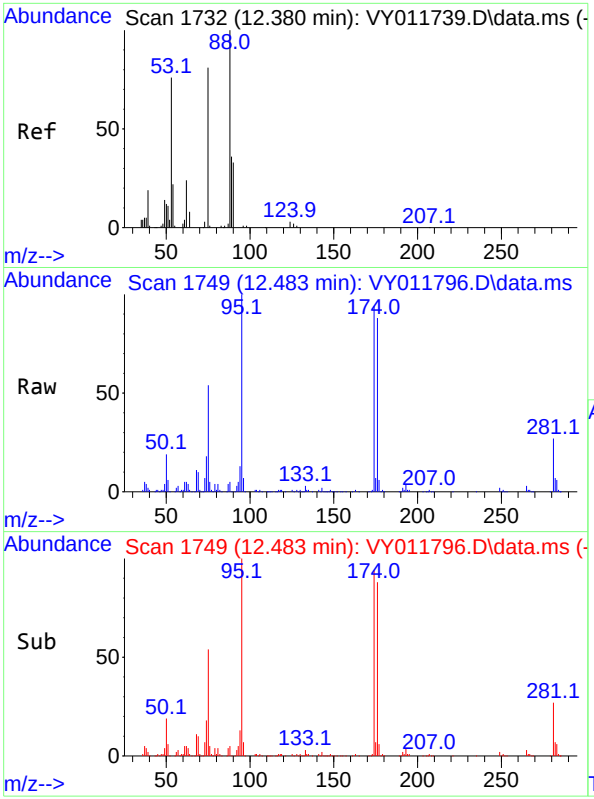


#76
1,2,3-Trichloropropane
Concen: 32.035 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY011796.D
Acq: 13 Dec 2022 16:11

Tgt Ion: 75 Resp: 53824

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.694 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY011796.D
Acq: 13 Dec 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-121222

Tgt Ion: 75 Resp: 53824

Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.5	108.7#
89	0.4	37.0	55.4#