Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
Data File : VY013368.D
Acq On : 20 Apr 2023 15:13
Operator : KP/MD
Sample : 02371-05
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 21 02:15:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	73896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	66061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	69226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	34671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	34308	38.633	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 77.260%			
35) Dibromofluoromethane	7.728	113	25747	60.202	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 120.400%			
50) Toluene-d8	10.173	98	77800	48.873	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.740%			
62) 4-Bromofluorobenzene	12.483	95	48133	93.060	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 186.120%#			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	22	Below Cal	#	74
16) Acetone	3.954	43	4585	15.016	ug/l	90
20) Methylene Chloride	4.710	84	2931	Below Cal	#	69
25) 2-Butanone	7.015	43	643	1.645	ug/l #	49
31) Cyclohexane	7.789	56	1599	1.191	ug/l #	11
36) 1,1-Dichloropropene	7.789	75	5134	7.924	ug/l #	51
38) Carbon Tetrachloride	7.789	117	6935	9.680	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	24527	56.772	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	24527	117.830	ug/l #	13
95) Naphthalene	15.233	128	35739	25.205	ug/l	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
Data File : VY013368.D
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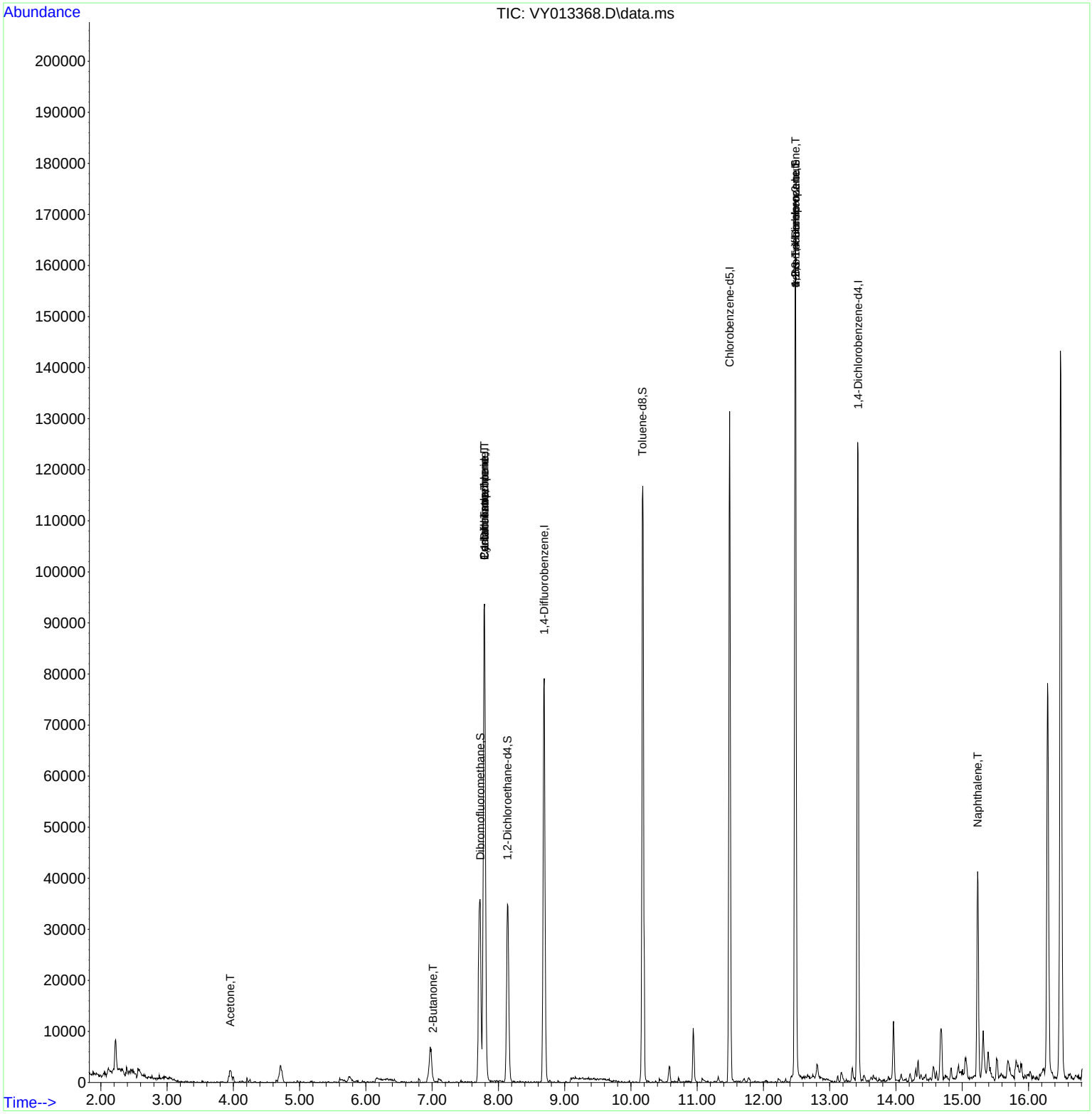
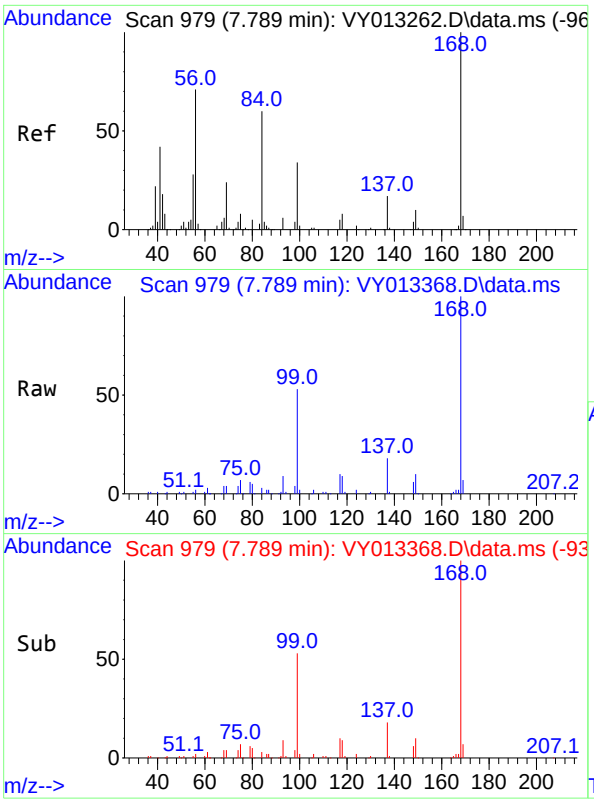
Operator : KP/MD
Sample : 02371-05
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 21 02:15:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration



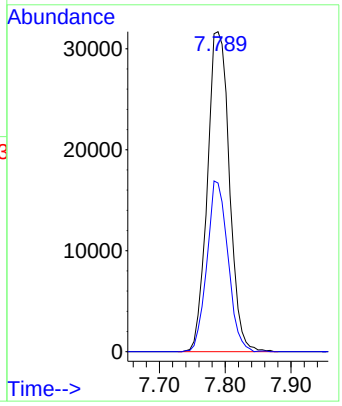


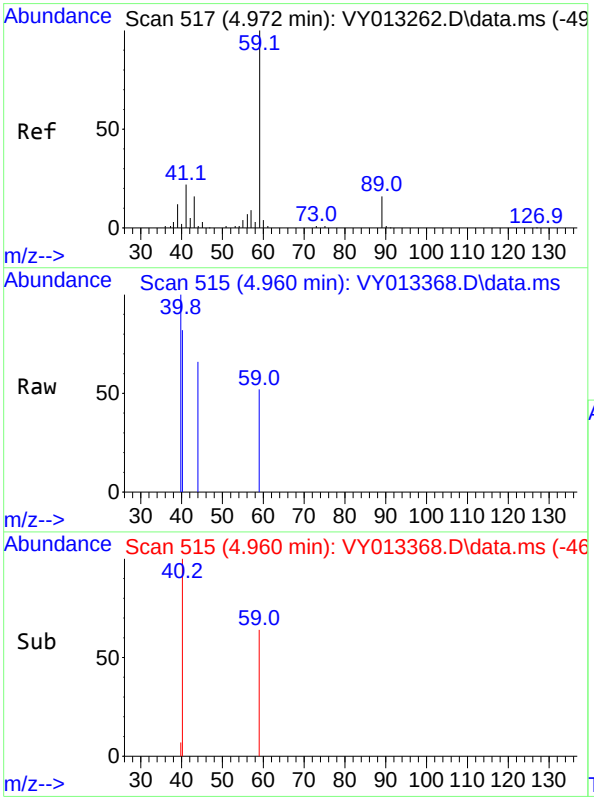
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY013368.D
Acq: 20 Apr 2023 15:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 73896

Ion	Ratio	Lower	Upper
168	100		
99	52.7	41.7	62.5

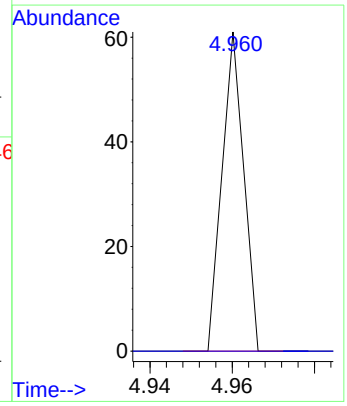


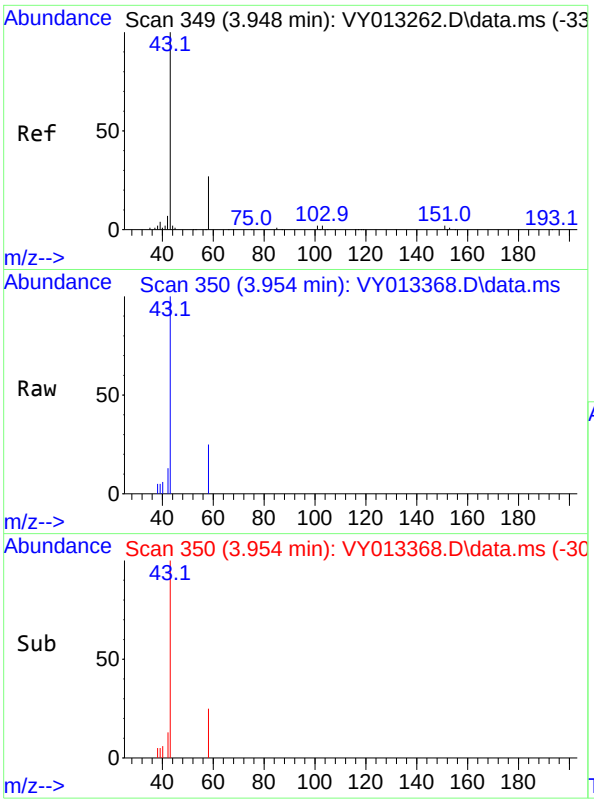


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY013368.D
Acq: 20 Apr 2023 15:13

Tgt Ion: 59 Resp: 22

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#



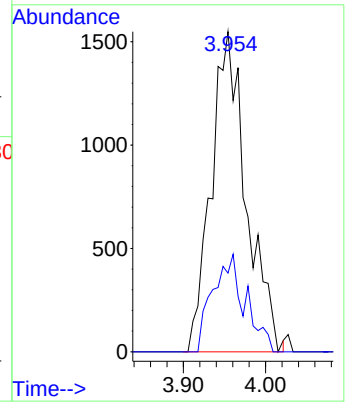


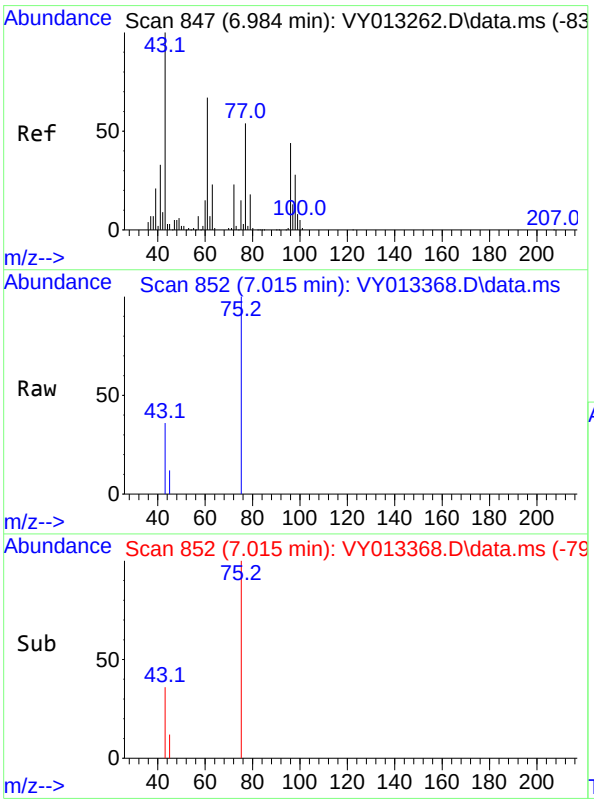
#16
Acetone
Concen: 15.016 ug/l
RT: 3.954 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY013368.D
Acq: 20 Apr 2023 15:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 4585

Ion	Ratio	Lower	Upper
43	100		
58	24.6	24.2	36.2

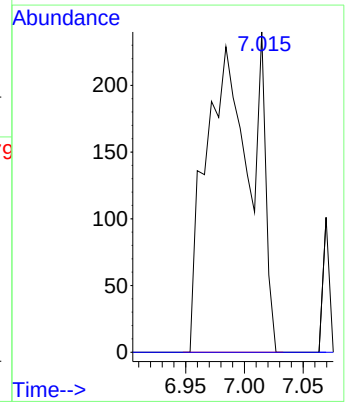


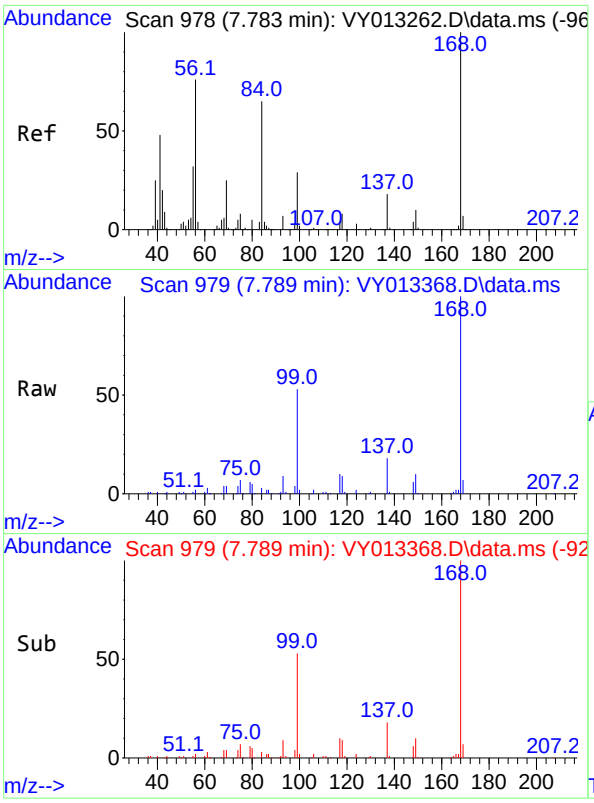


#25
2-Butanone
Concen: 1.645 ug/l
RT: 7.015 min Scan# 852
Delta R.T. 0.030 min
Lab File: VY013368.D
Acq: 20 Apr 2023 15:13

Tgt Ion: 43 Resp: 643

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.4#



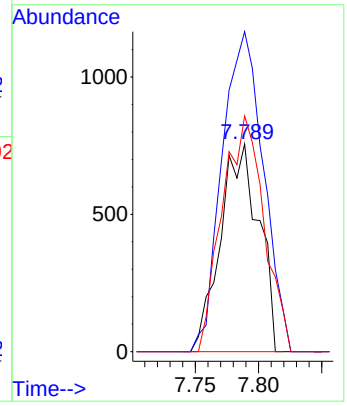


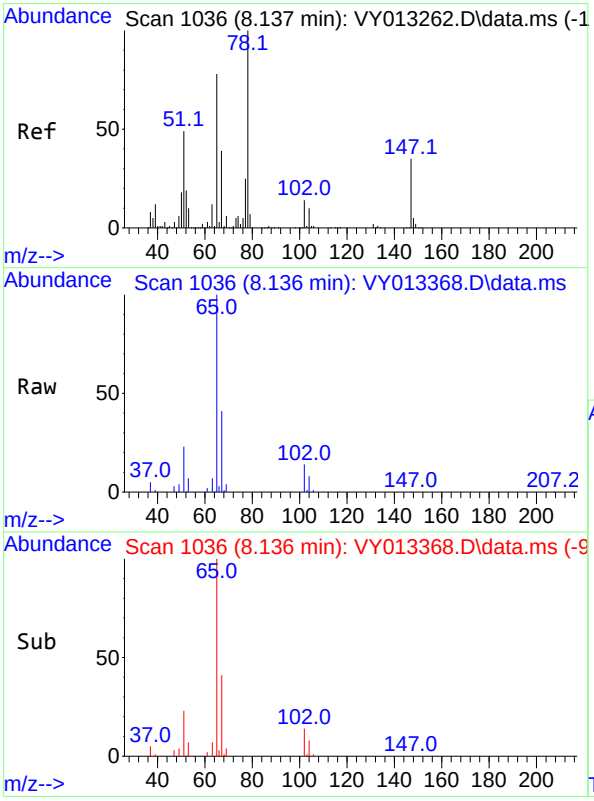
#31
Cyclohexane
Concen: 1.191 ug/l
RT: 7.789 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY013368.D
Acq: 20 Apr 2023 15:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 1599

Ion	Ratio	Lower	Upper
56	100		
69	154.1	25.7	38.5#
84	113.5	64.3	96.5#

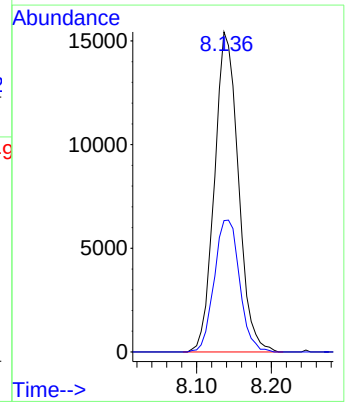


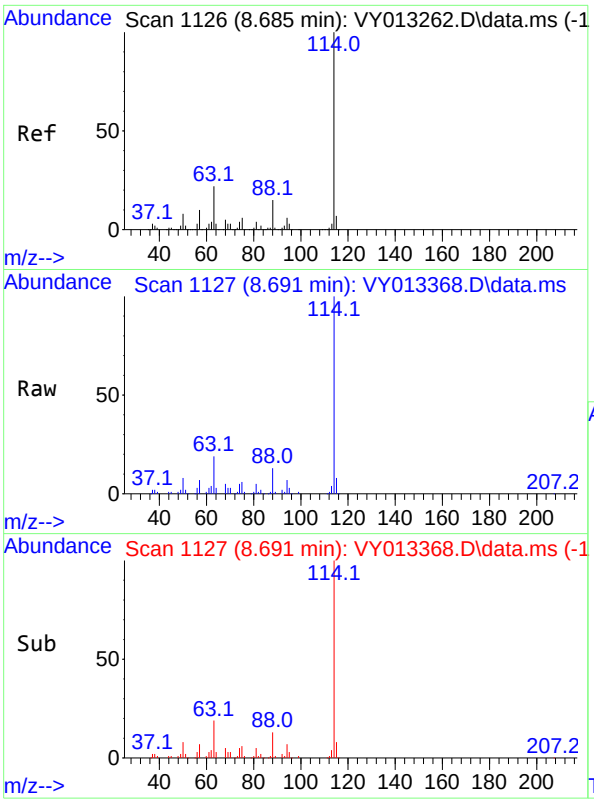


#33
1,2-Dichloroethane-d4
Concen: 38.633 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013368.D
Acq: 20 Apr 2023 15:13

Tgt Ion: 65 Resp: 34308

Ion	Ratio	Lower	Upper
65	100		
67	43.7	0.0	104.0



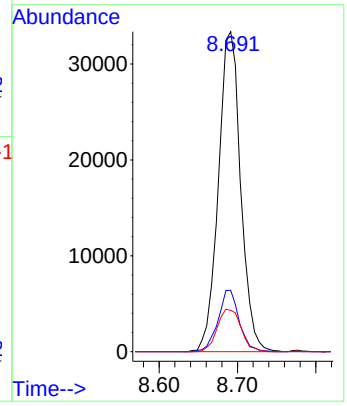


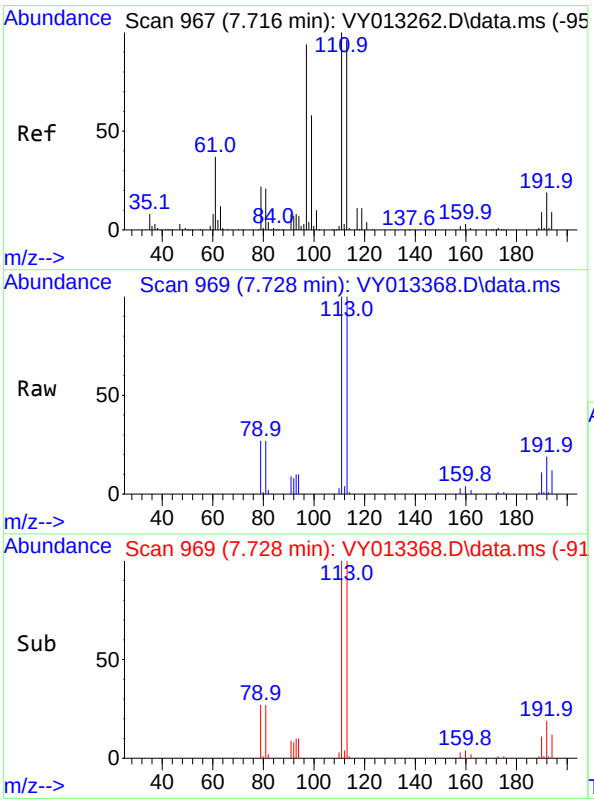
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013368.D
Acq: 20 Apr 2023 15:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 66061

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	37.4
88	12.9	0.0	28.6

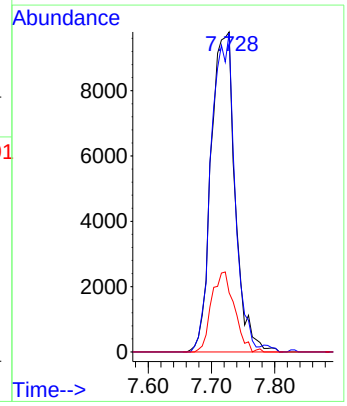


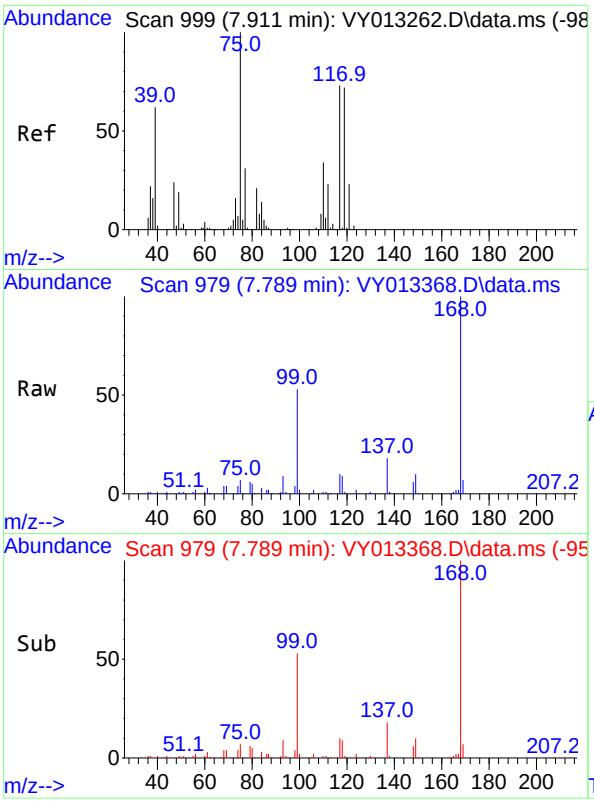


#35
Dibromofluoromethane
Concen: 60.202 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY013368.D
Acq: 20 Apr 2023 15:13

Tgt Ion:113 Resp: 25747

Ion	Ratio	Lower	Upper
113	100		
111	97.4	82.2	123.2
192	23.9	16.8	25.2



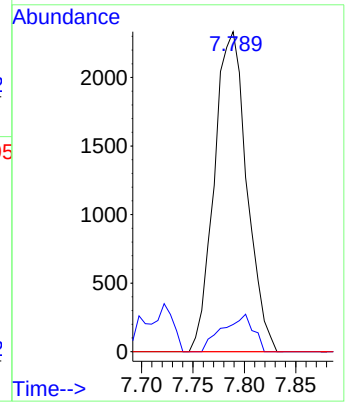


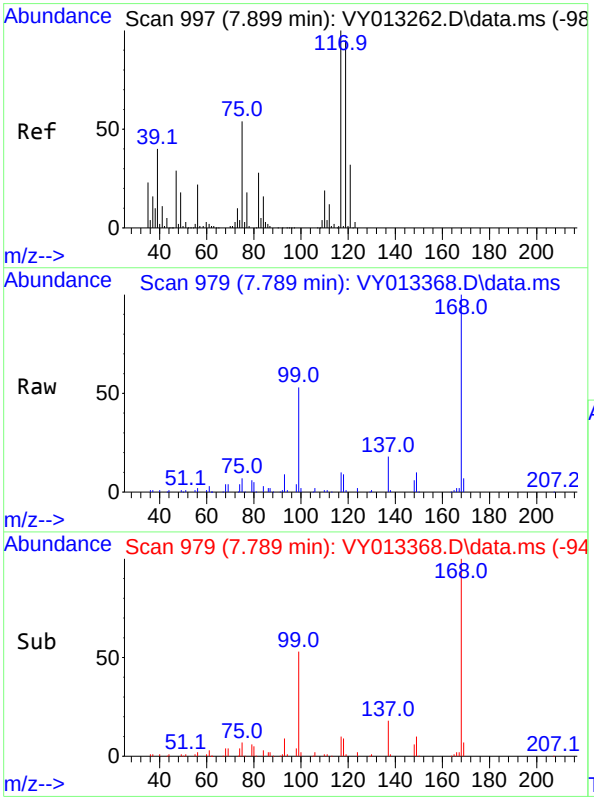
#36
1,1-Dichloropropene
Concen: 7.924 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.122 min
Lab File: VY013368.D
Acq: 20 Apr 2023 15:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 5134

Ion	Ratio	Lower	Upper
75	100		
110	11.0	17.8	53.3#
77	0.0	25.0	37.4#

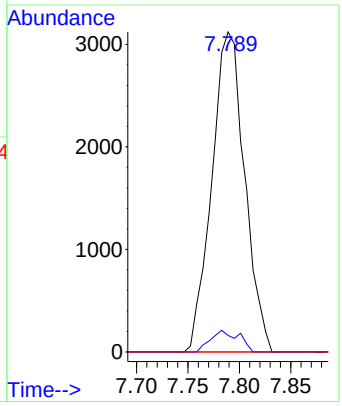


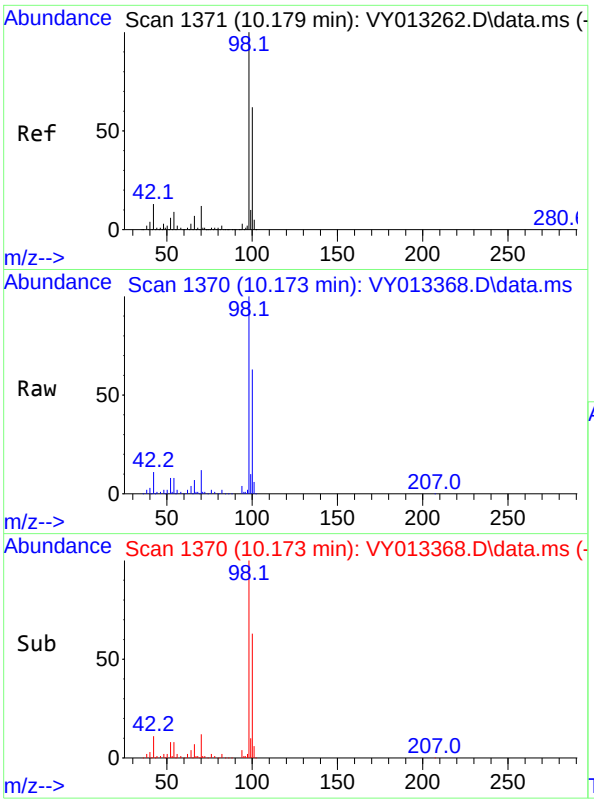


#38
Carbon Tetrachloride
Concen: 9.680 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY013368.D
Acq: 20 Apr 2023 15:13

Tgt Ion:117 Resp: 6935

Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.2	115.8#
121	0.0	24.7	37.1#



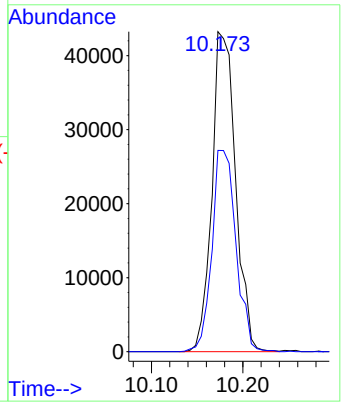


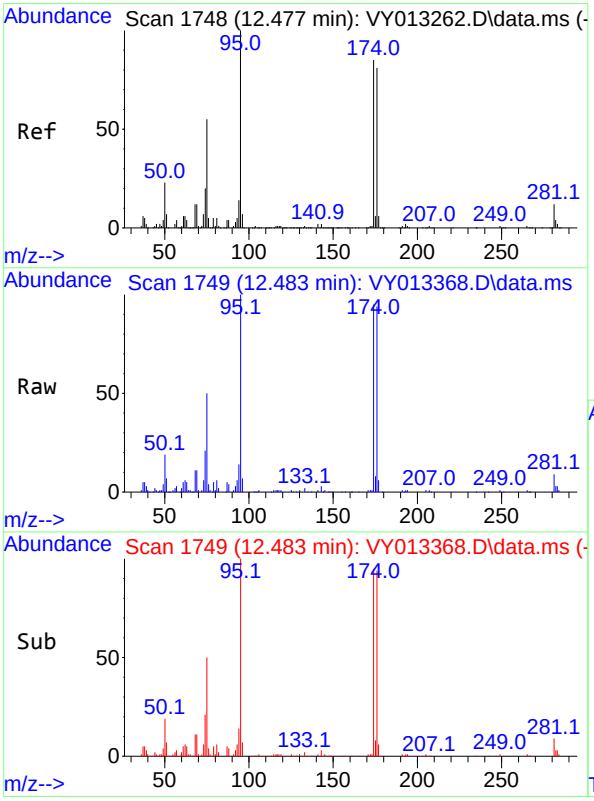
#50
Toluene-d8
Concen: 48.873 ug/l
RT: 10.173 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY013368.D
Acq: 20 Apr 2023 15:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 77800

Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.9	76.3

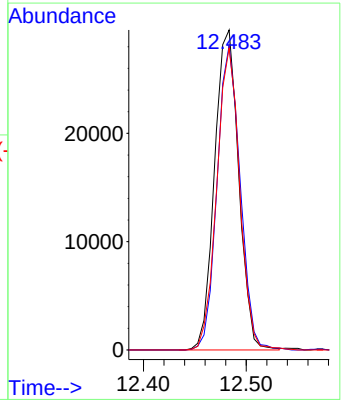


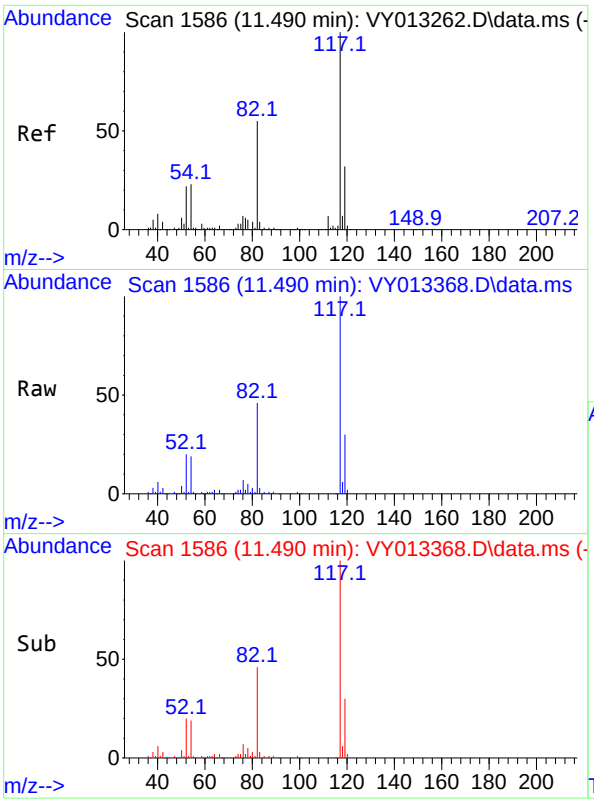


#62
4-Bromofluorobenzene
Concen: 93.060 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013368.D
Acq: 20 Apr 2023 15:13

Tgt Ion: 95 Resp: 48133

Ion	Ratio	Lower	Upper
95	100		
174	90.7	0.0	176.6
176	89.7	0.0	170.2



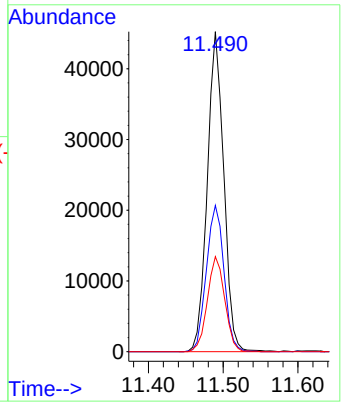


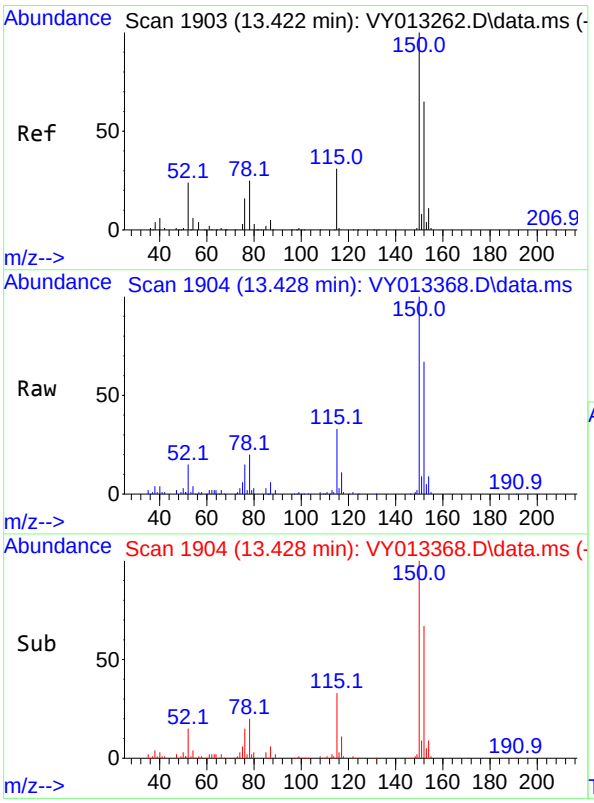
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY013368.D
Acq: 20 Apr 2023 15:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 69226

Ion	Ratio	Lower	Upper
117	100		
82	45.7	45.4	68.0
119	29.7	25.6	38.4

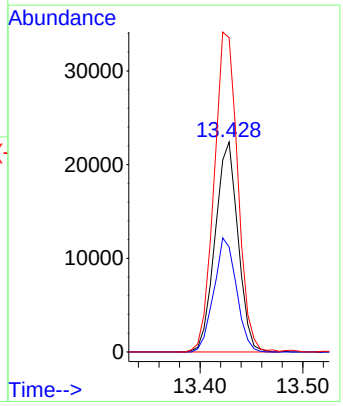


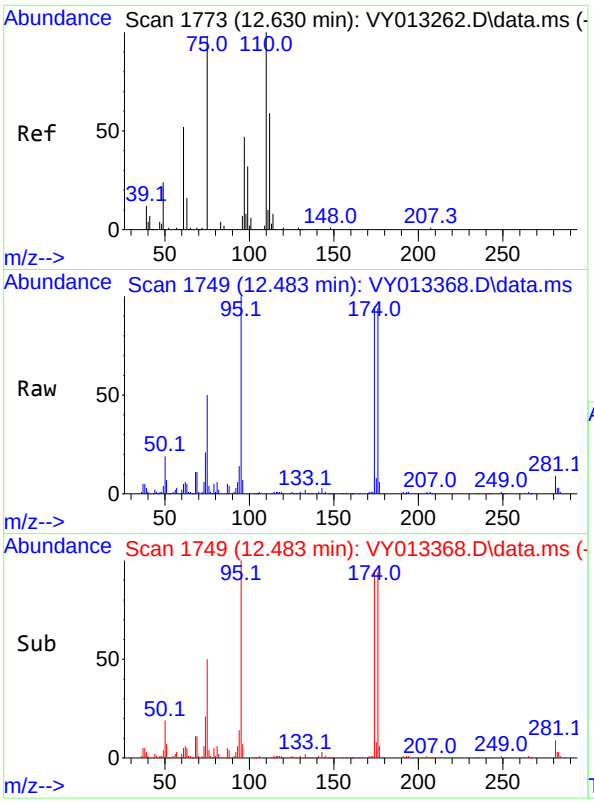


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013368.D
Acq: 20 Apr 2023 15:13

Tgt Ion:152 Resp: 34671

Ion	Ratio	Lower	Upper
152	100		
115	53.4	27.1	81.3
150	156.9	0.0	347.8



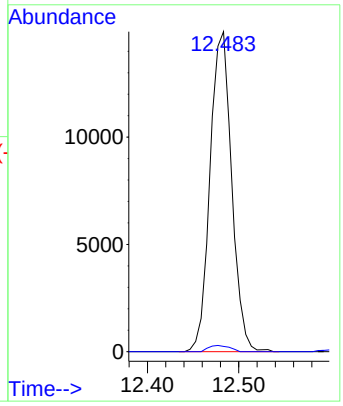


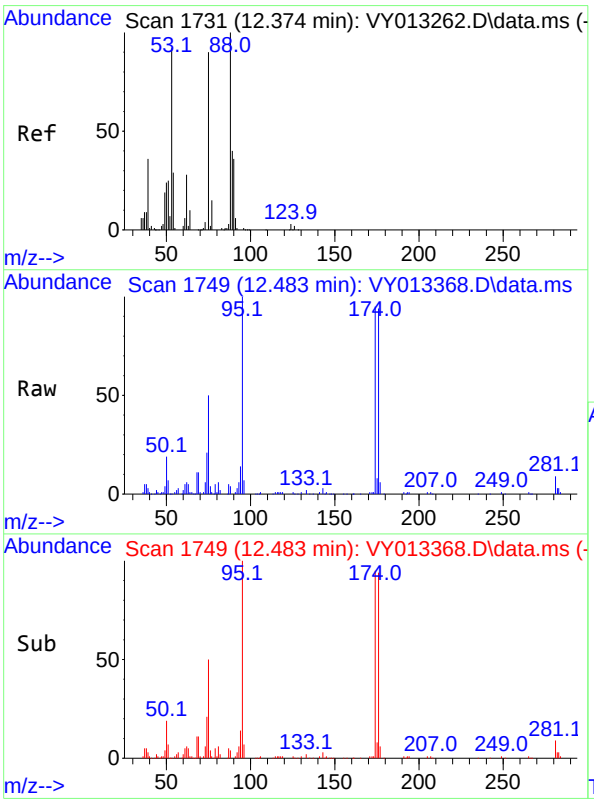
#76
1,2,3-Trichloropropane
Concen: 56.772 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.146 min
Lab File: VY013368.D
Acq: 20 Apr 2023 15:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 24527

Ion	Ratio	Lower	Upper
75	100		
77	1.9	0.0	0.0#

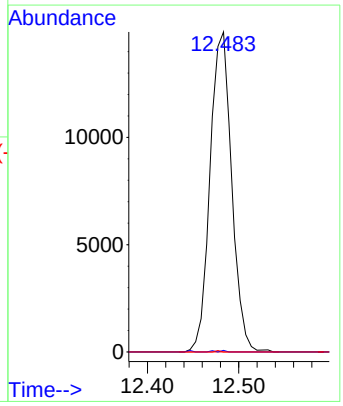


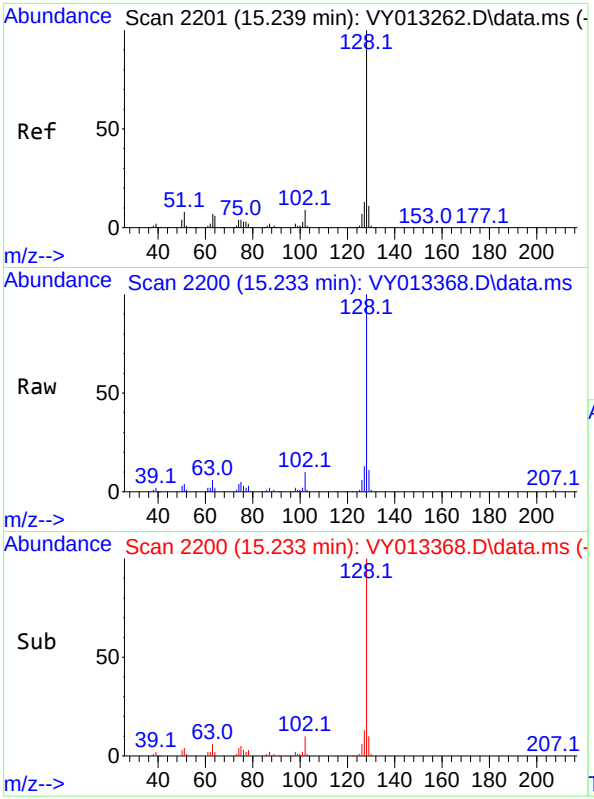


#81
trans-1,4-Dichloro-2-butene
Concen: 117.830 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY013368.D
Acq: 20 Apr 2023 15:13

Tgt Ion: 75 Resp: 24527

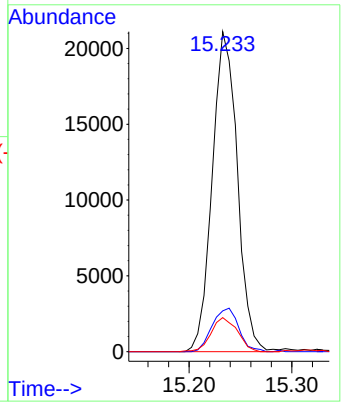
Ion	Ratio	Lower	Upper
75	100		
53	0.1	73.4	110.0#
89	0.1	36.6	55.0#





#95
Naphthalene
Concen: 25.205 ug/l
RT: 15.233 min Scan# 2
Delta R.T. -0.006 min
Lab File: VY013368.D
Acq: 20 Apr 2023 15:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 35739

Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.3	15.5
129	11.2	8.6	13.0