Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
Data File : VY019617.D
Acq On : 18 Sep 2024 19:38
Operator : SY/MD
Sample : P4088-09
Misc : 5.93g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 19 01:28:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	303543	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	584904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	534880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	203529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	198564	70.645	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 141.280%			
35) Dibromofluoromethane	7.634	113	191770	57.827	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.660%			
50) Toluene-d8	10.109	98	701581	57.196	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 114.400%			
62) 4-Bromofluorobenzene	12.408	95	233611	49.531	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 99.060%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	122	Below Cal	#	43
11) Tert butyl alcohol	4.842	59	1451	6.392	ug/l #	87
13) Acrolein	3.671	56	20	Below Cal	#	8
16) Acetone	3.867	43	2929	4.374	ug/l #	81
20) Methylene Chloride	4.604	84	10731	3.514	ug/l	91
25) 2-Butanone	6.890	43	1955	2.053	ug/l #	63
31) Cyclohexane	7.707	56	7897	1.570	ug/l #	27
36) 1,1-Dichloropropene	7.707	75	26994	5.982	ug/l #	48
38) Carbon Tetrachloride	7.707	117	31827	6.254	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	127344	66.754	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	127344	128.149	ug/l #	16

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

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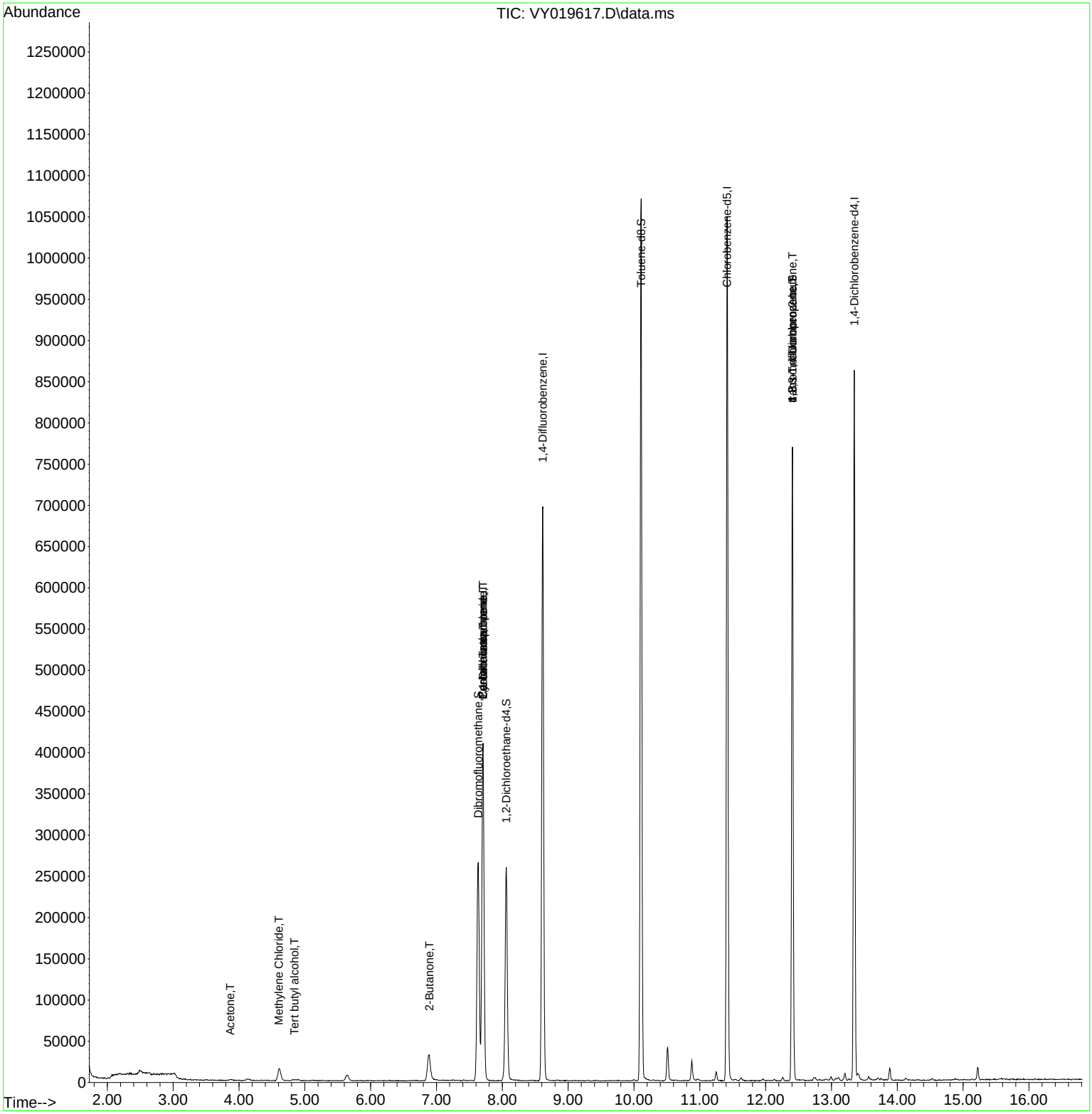
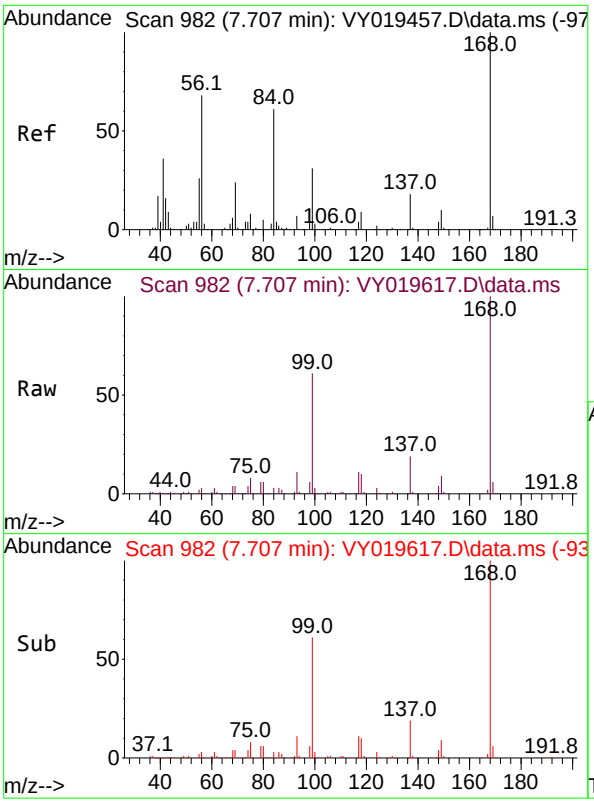


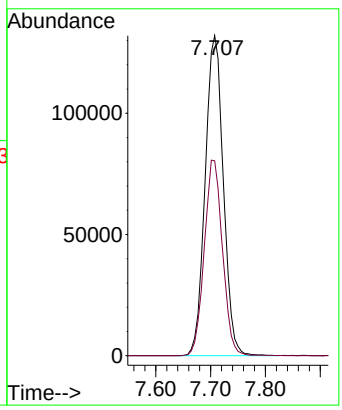


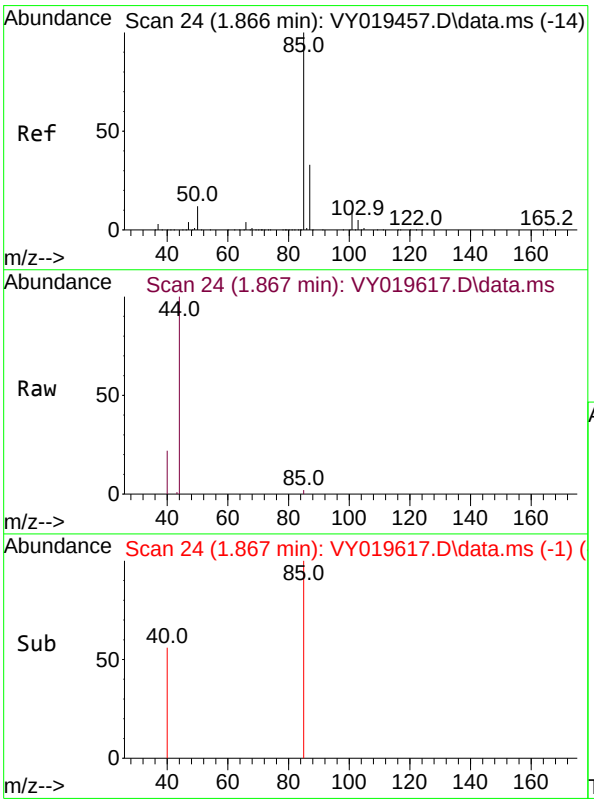
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY019617.D
Acq: 18 Sep 2024 19:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 303543

Ion	Ratio	Lower	Upper
168	100		
99	60.9	39.1	58.7#

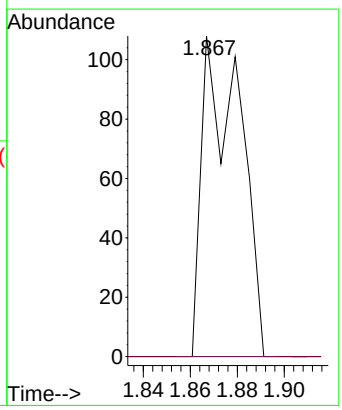


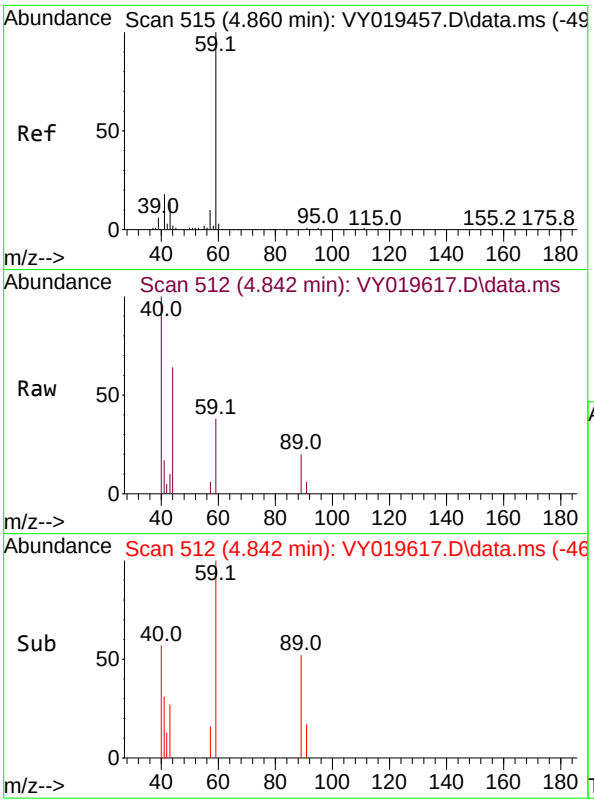


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019617.D
Acq: 18 Sep 2024 19:38

Tgt Ion: 85 Resp: 122

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.0	48.0#



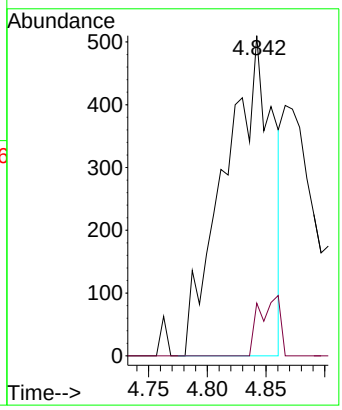


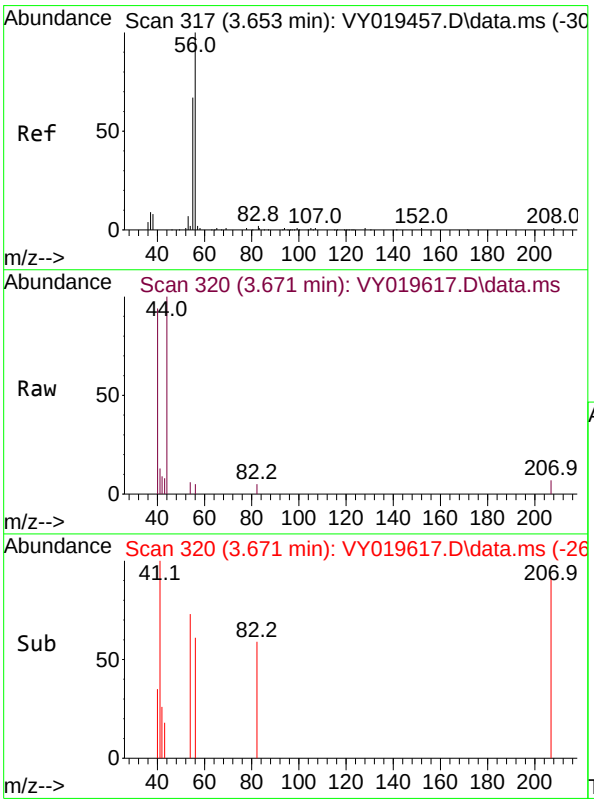
#11
Tert butyl alcohol
Concen: 6.392 ug/l
RT: 4.842 min Scan# 5
Delta R.T. -0.018 min
Lab File: VY019617.D
Acq: 18 Sep 2024 19:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 1451

Ion	Ratio	Lower	Upper
59	100		
57	8.1	3.0	4.6#

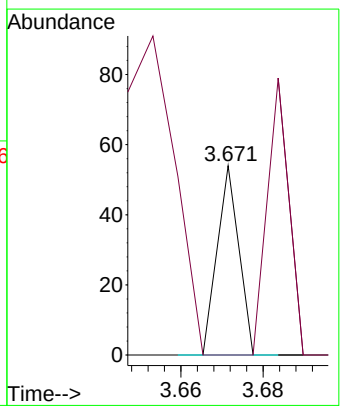


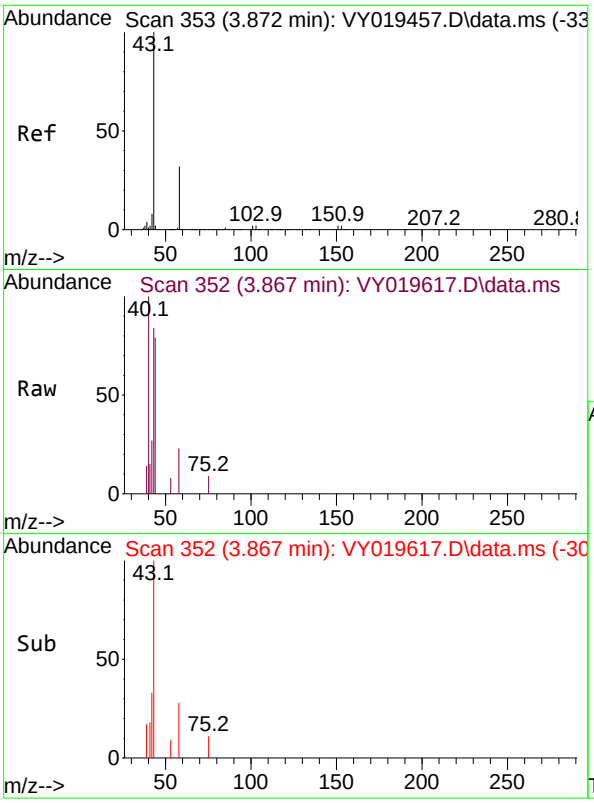


#13
Acrolein
Concen: Below Cal
RT: 3.671 min Scan# 320
Delta R.T. 0.018 min
Lab File: VY019617.D
Acq: 18 Sep 2024 19:38

Tgt Ion: 56 Resp: 20

Ion	Ratio	Lower	Upper
56	100		
55	145.0	55.7	83.5#



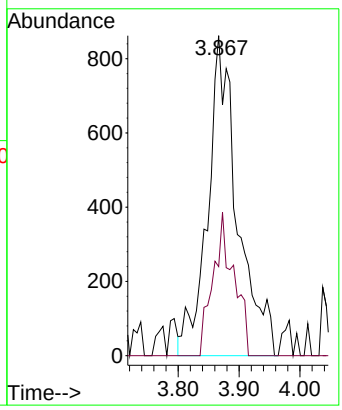


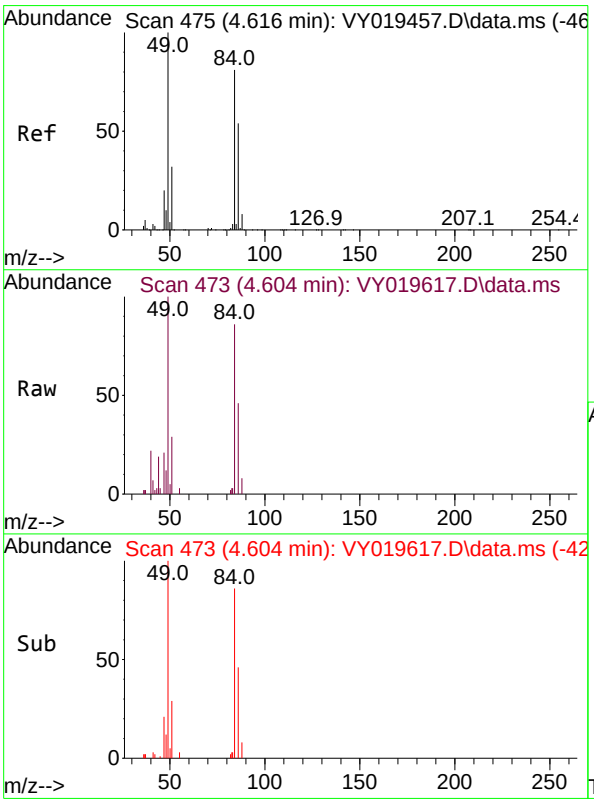
#16
Acetone
Concen: 4.374 ug/l
RT: 3.867 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY019617.D
Acq: 18 Sep 2024 19:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2929

Ion	Ratio	Lower	Upper
43	100		
58	27.8	31.7	47.5#

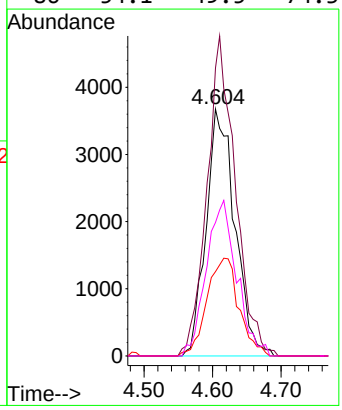


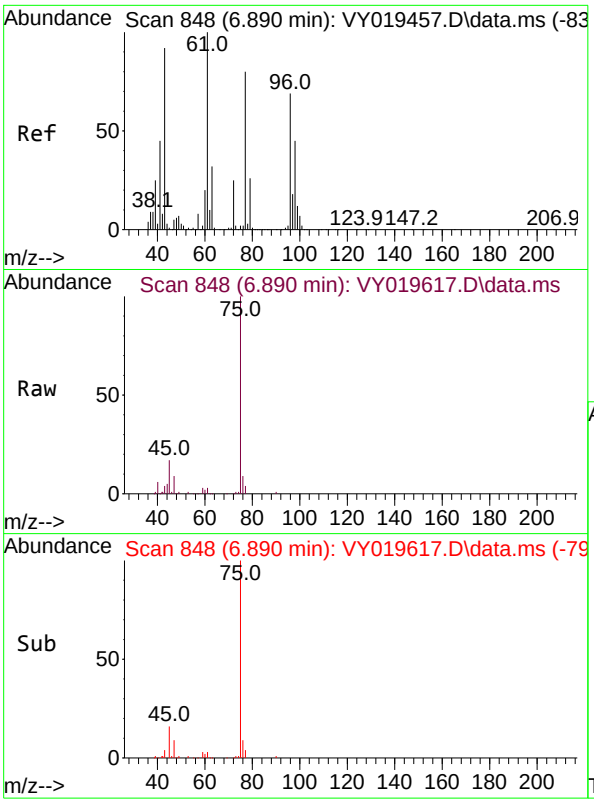


#20
Methylene Chloride
Concen: 3.514 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY019617.D
Acq: 18 Sep 2024 19:38

Tgt Ion: 84 Resp: 10731

Ion	Ratio	Lower	Upper
84	100		
49	116.6	84.4	126.6
51	34.2	26.0	39.0
86	54.1	49.5	74.3



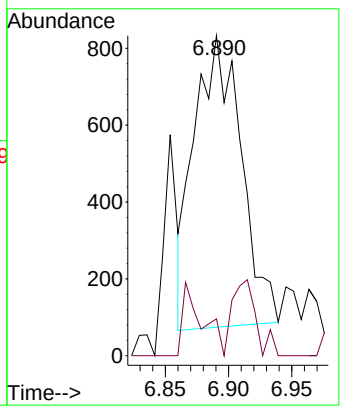


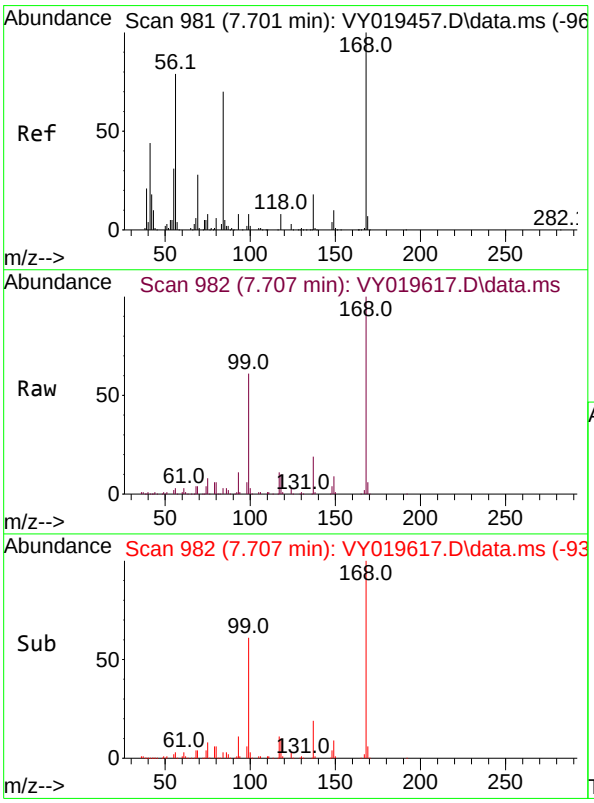
#25
2-Butanone
Concen: 2.053 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY019617.D
Acq: 18 Sep 2024 19:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1955

Ion	Ratio	Lower	Upper
43	100		
72	12.9	27.3	40.9#

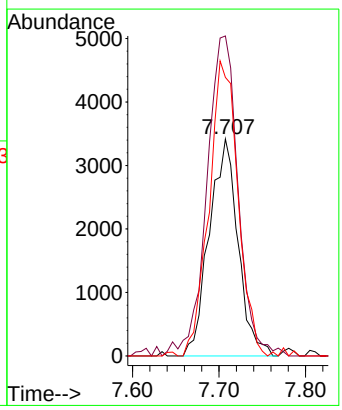


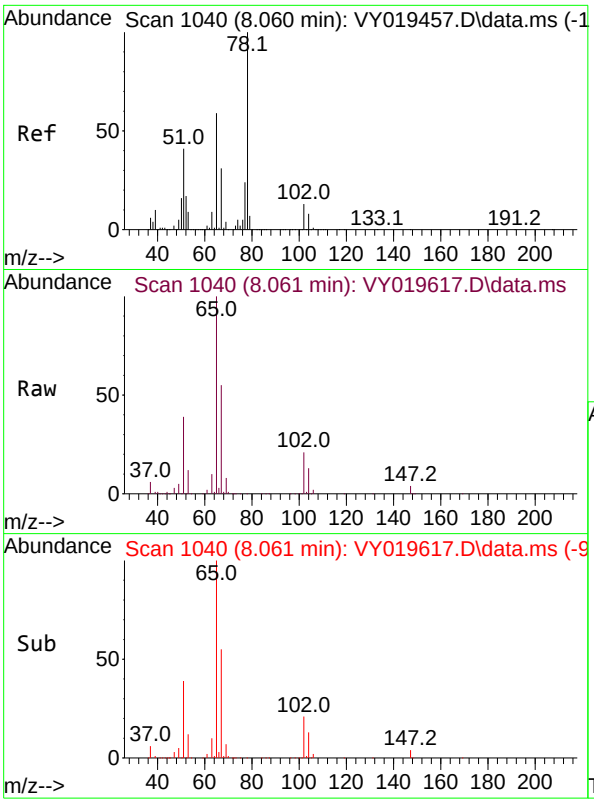


#31
Cyclohexane
Concen: 1.570 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.007 min
Lab File: VY019617.D
Acq: 18 Sep 2024 19:38

Tgt Ion: 56 Resp: 7897

Ion	Ratio	Lower	Upper
56	100		
69	144.2	28.7	43.1#
84	128.4	77.7	116.5#



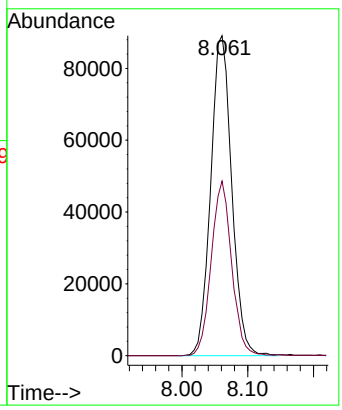


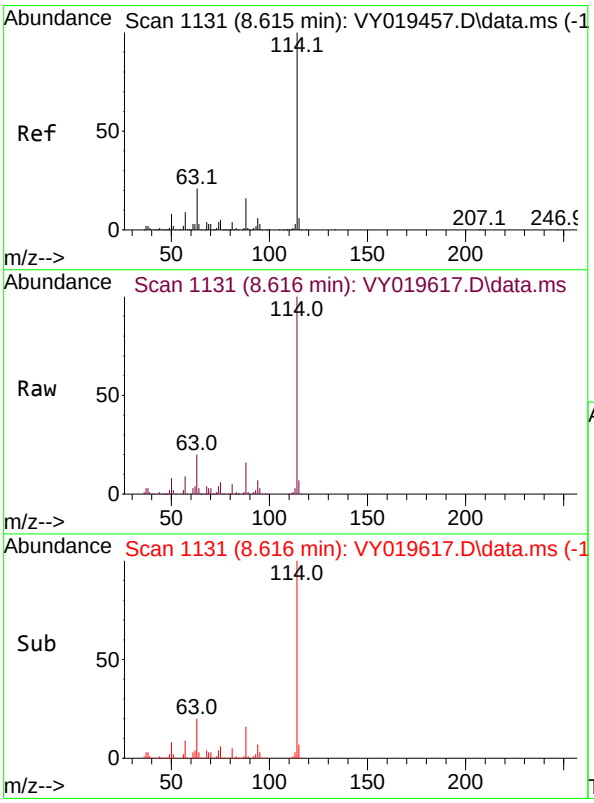
#33
1,2-Dichloroethane-d4
Concen: 70.645 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY019617.D
Acq: 18 Sep 2024 19:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 198564

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	109.6

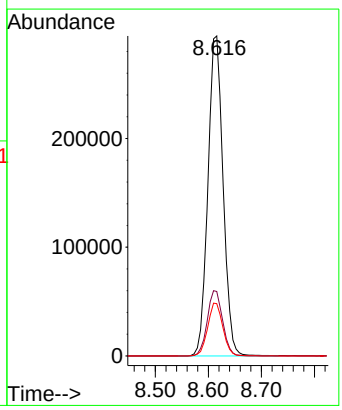


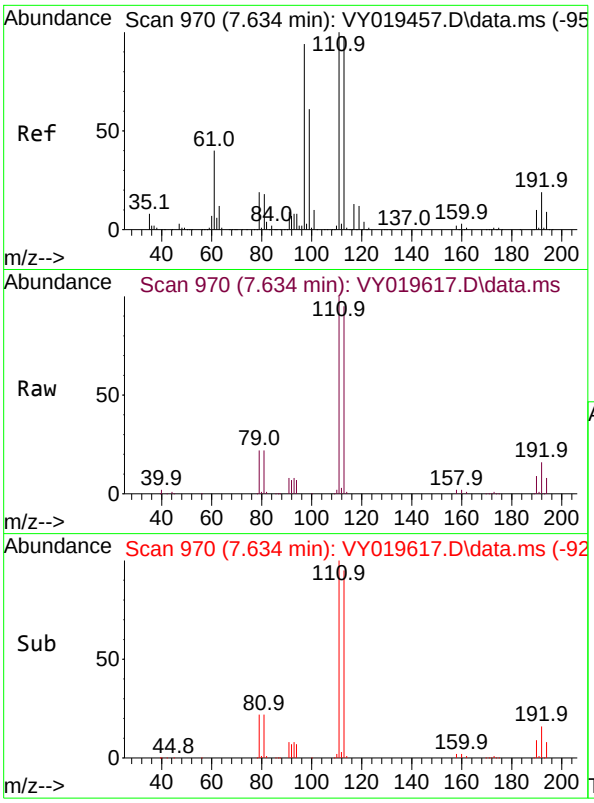


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019617.D
Acq: 18 Sep 2024 19:38

Tgt Ion:114 Resp: 584904

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	35.0
88	16.4	0.0	27.2



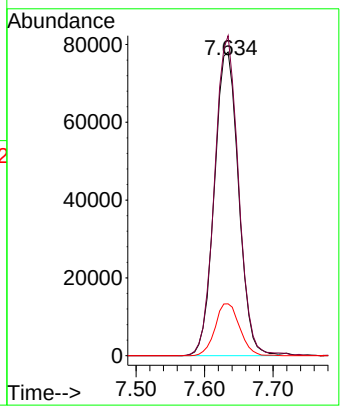


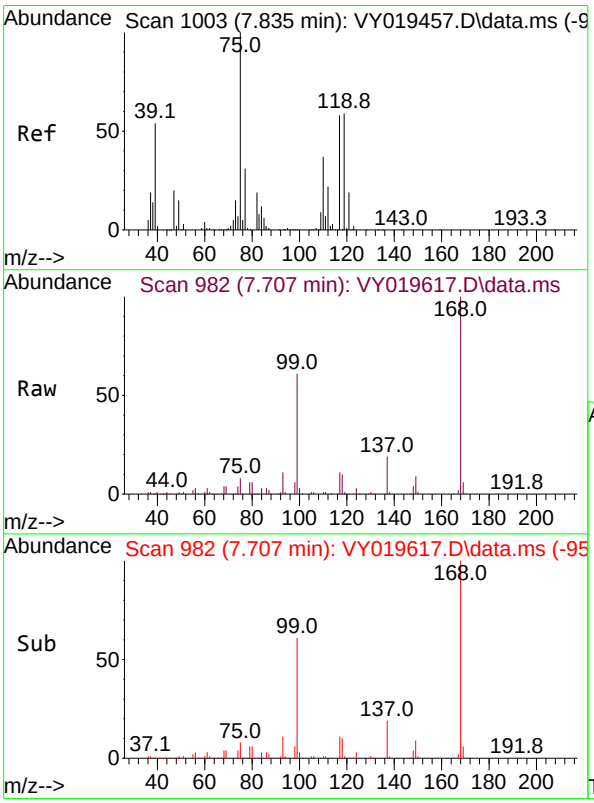
#35
Dibromofluoromethane
Concen: 57.827 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY019617.D
Acq: 18 Sep 2024 19:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 191770

Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.2	123.4
192	17.3	15.9	23.9

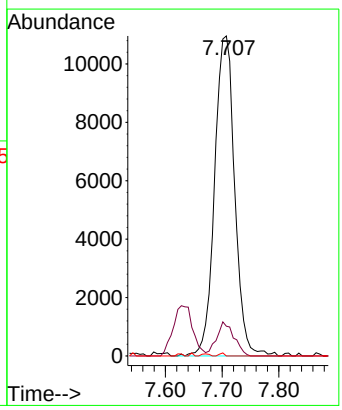


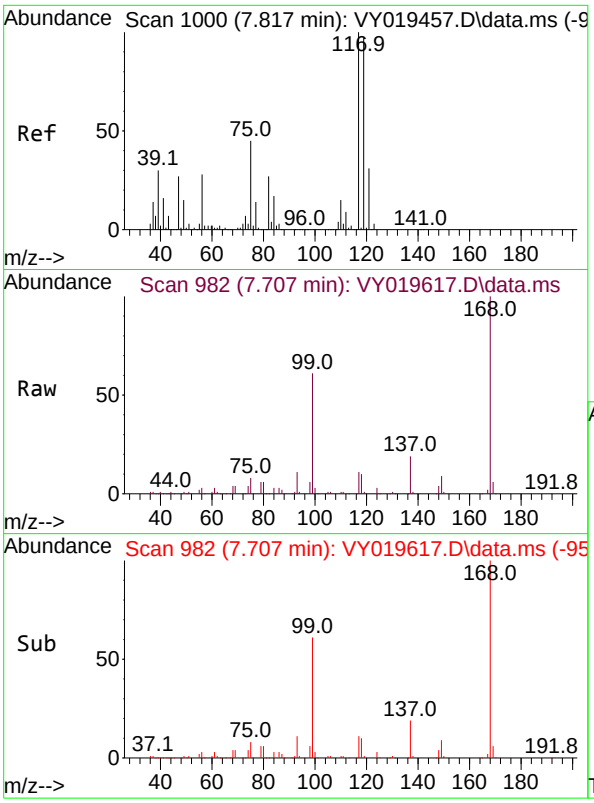


#36
1,1-Dichloropropene
Concen: 5.982 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019617.D
Acq: 18 Sep 2024 19:38

Tgt Ion: 75 Resp: 26994

Ion	Ratio	Lower	Upper
75	100		
110	9.2	19.0	57.0#
77	0.2	25.3	37.9#



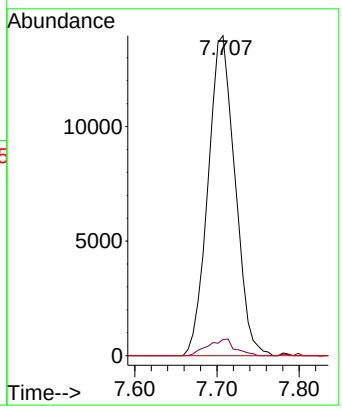


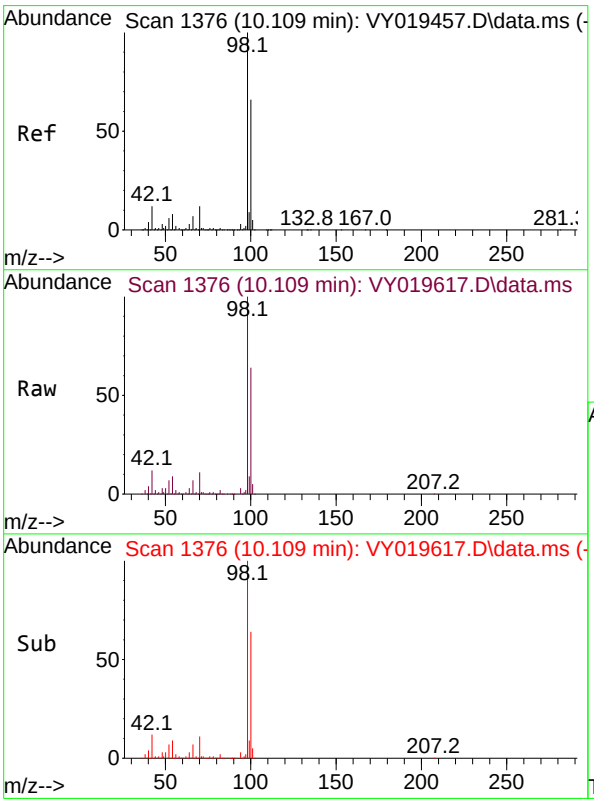
#38
Carbon Tetrachloride
Concen: 6.254 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.109 min
Lab File: VY019617.D
Acq: 18 Sep 2024 19:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 31827

Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.8	113.6#
121	0.0	24.0	36.0#

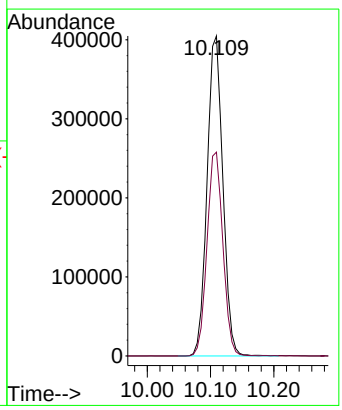


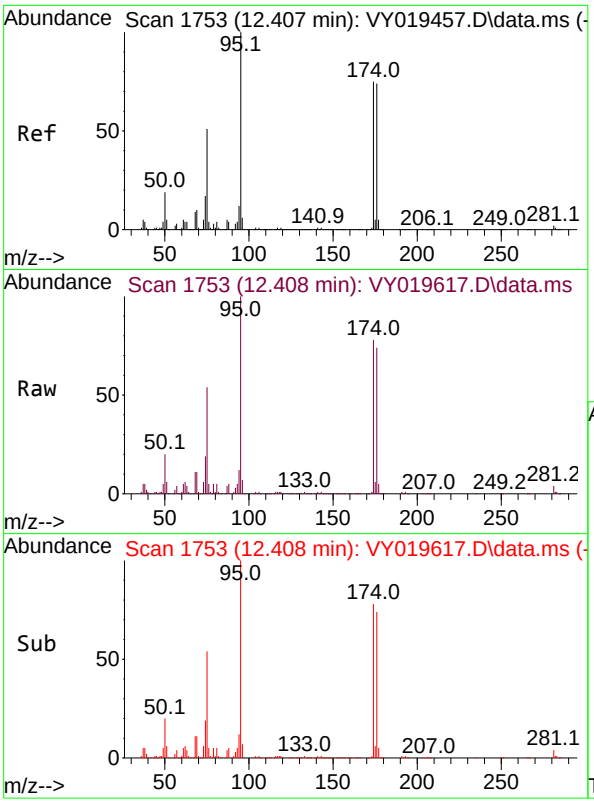


#50
Toluene-d8
Concen: 57.196 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019617.D
Acq: 18 Sep 2024 19:38

Tgt Ion: 98 Resp: 701581

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.0	78.0



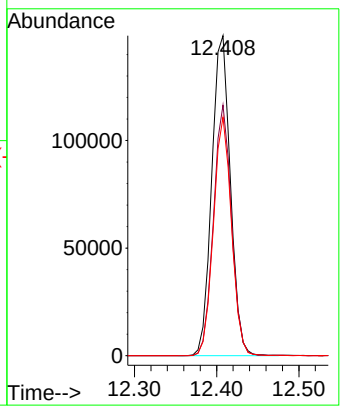


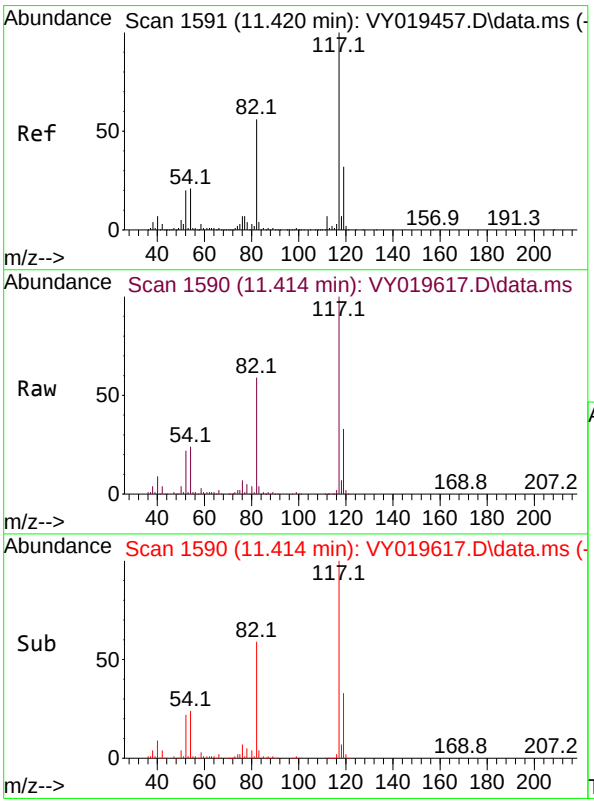
#62
4-Bromofluorobenzene
Concen: 49.531 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY019617.D
Acq: 18 Sep 2024 19:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 233611

Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	175.6
176	72.3	0.0	171.4

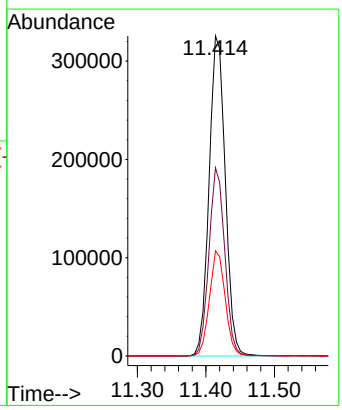


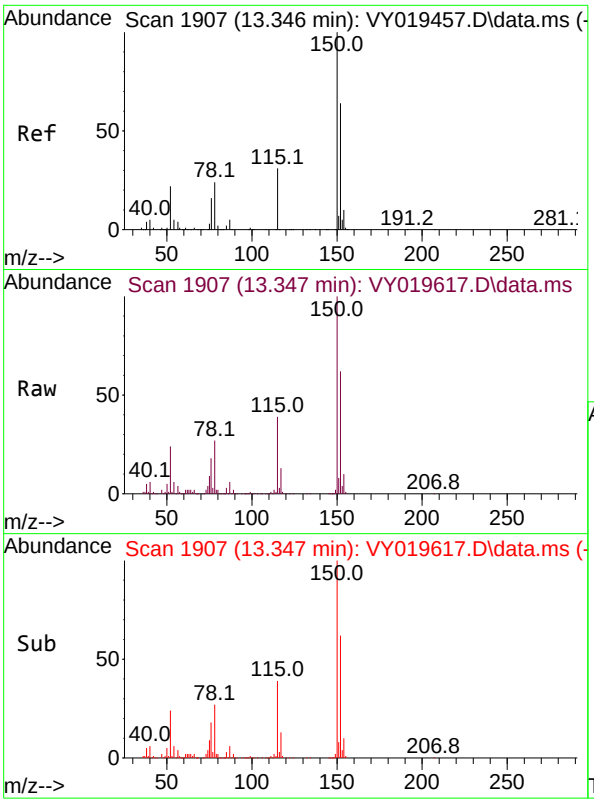


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019617.D
Acq: 18 Sep 2024 19:38

Tgt Ion:117 Resp: 534880

Ion	Ratio	Lower	Upper
117	100		
82	58.8	42.4	63.6
119	32.9	25.9	38.9



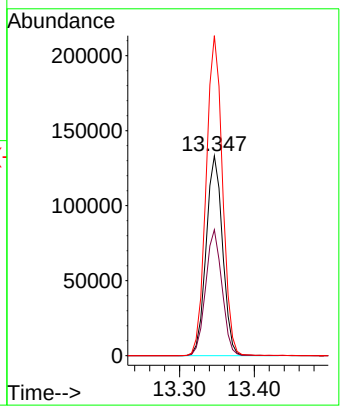


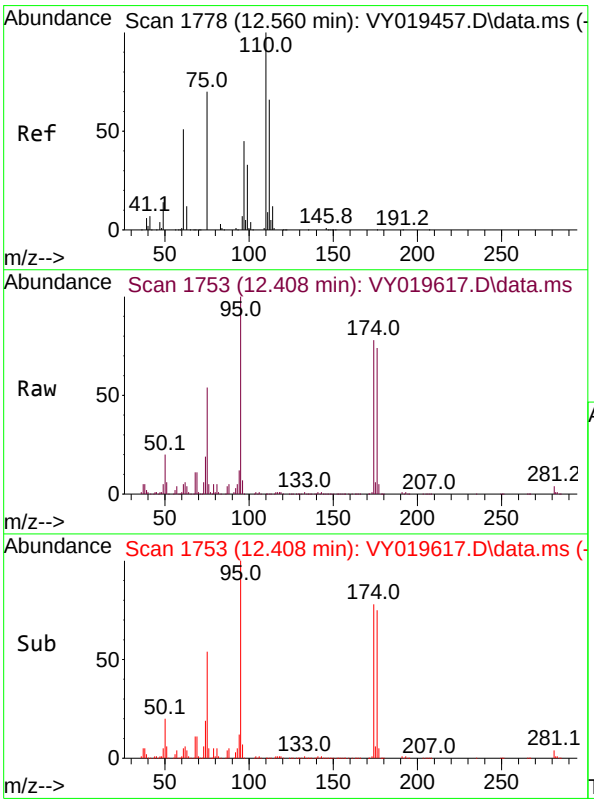
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY019617.D
Acq: 18 Sep 2024 19:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 203529

Ion	Ratio	Lower	Upper
152	100		
115	62.5	28.2	84.7
150	159.1	0.0	345.6

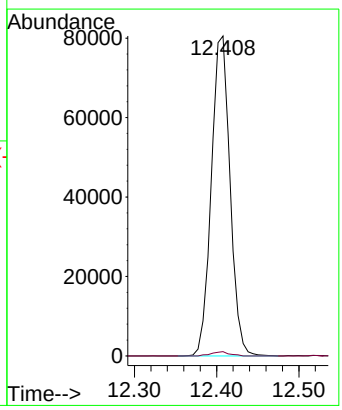


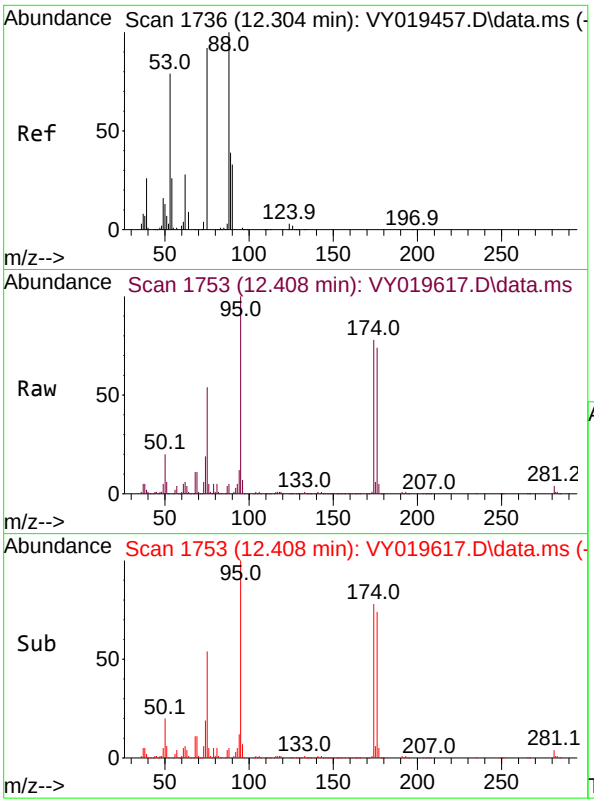


#76
1,2,3-Trichloropropane
Concen: 66.754 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY019617.D
Acq: 18 Sep 2024 19:38

Tgt Ion: 75 Resp: 127344

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 128.149 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY019617.D
Acq: 18 Sep 2024 19:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 127344

Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.1	35.8	53.6#