Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030124\
Data File : VY017547.D
Acq On : 01 Mar 2024 12:38
Operator : SY/MD
Sample : P1639-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-5

Quant Time: Mar 02 00:16:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.807	168	699	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.697	114	1148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	734	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	57	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	644	97.213	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery = 194.420%#			
35) Dibromofluoromethane	7.722	113	304	38.002	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 76.000%			
50) Toluene-d8	10.191	98	978	34.966	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 69.940%			
62) 4-Bromofluorobenzene	12.489	95	41	4.664	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 9.320%#			
Target Compounds						Qvalue
3) Chloromethane	2.125	50	113	11.994	ug/l #	43
4) Vinyl Chloride	2.156	62	20	1.655	ug/l #	42
5) Bromomethane	2.674	94	77	7.818	ug/l #	3
10) Methyl Iodide	4.119	142	80	10.061	ug/l #	42
20) Methylene Chloride	4.735	84	52	1.584	ug/l #	56

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

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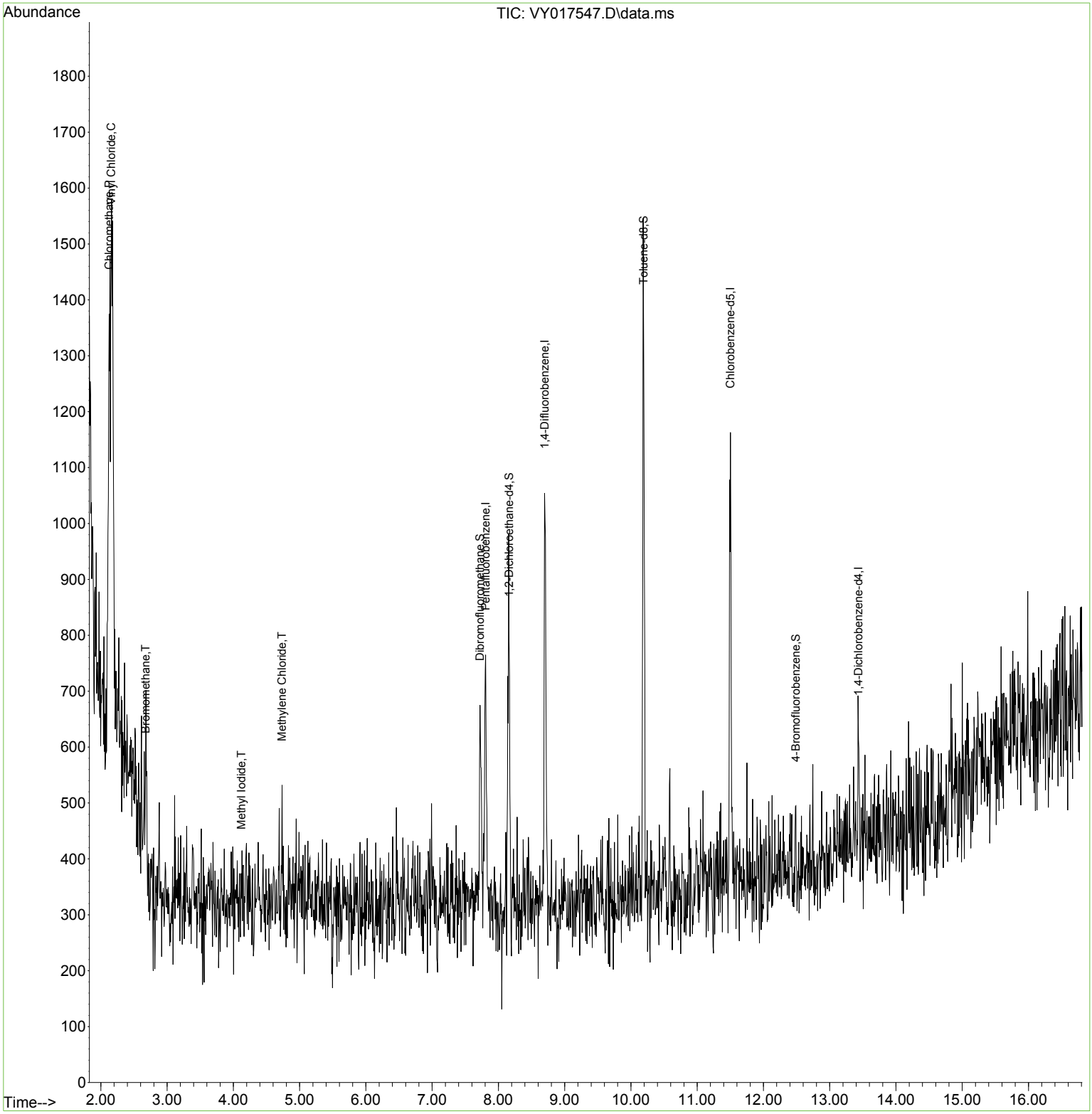
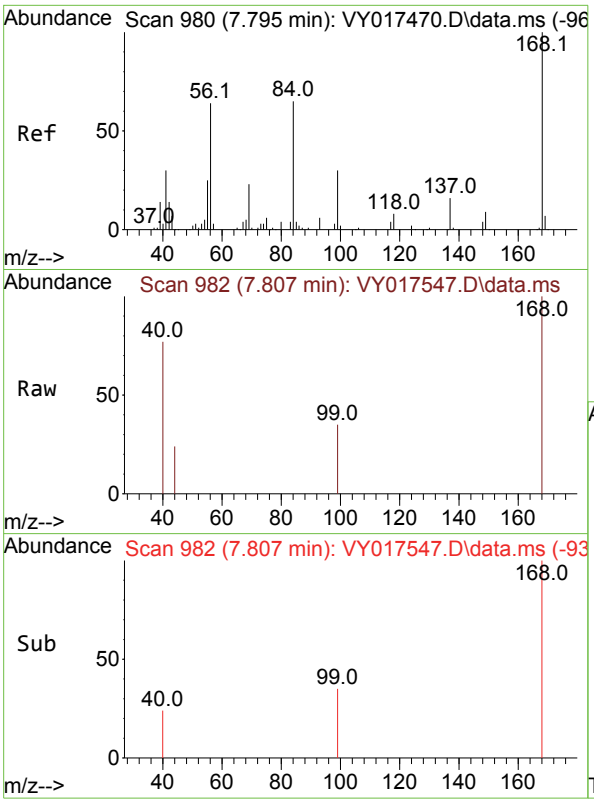


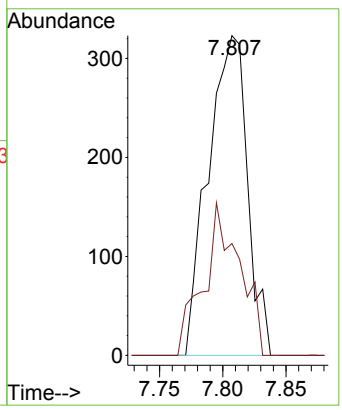


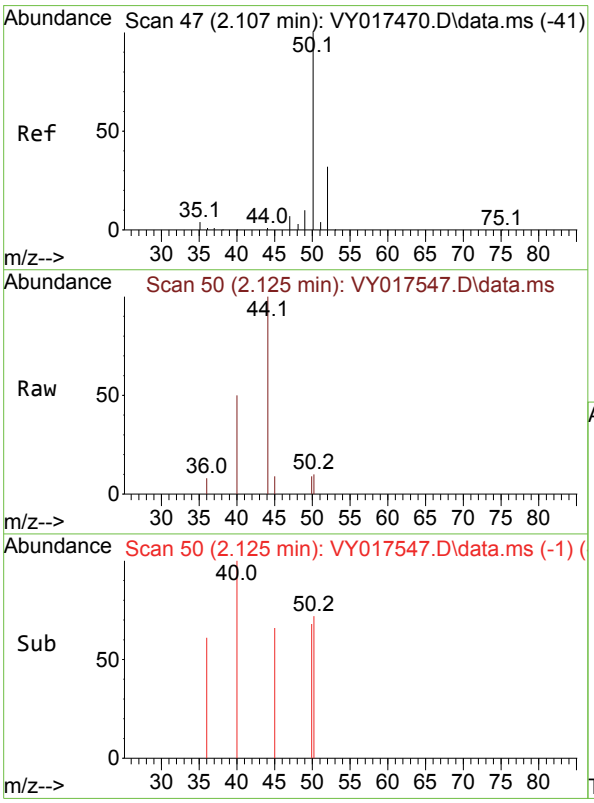
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 9
Delta R.T. 0.012 min
Lab File: VY017547.D
Acq: 01 Mar 2024 12:38

Instrument :
MSVOA_Y
ClientSampleId :
SP-5

Tgt Ion:168 Resp: 699

Ion	Ratio	Lower	Upper
168	100		
99	35.0	39.1	58.7#

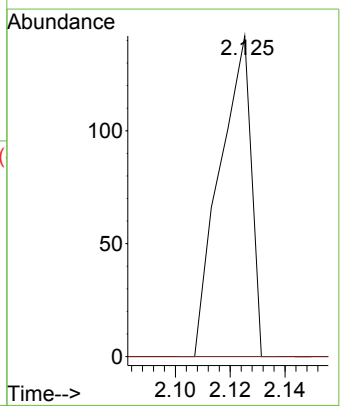


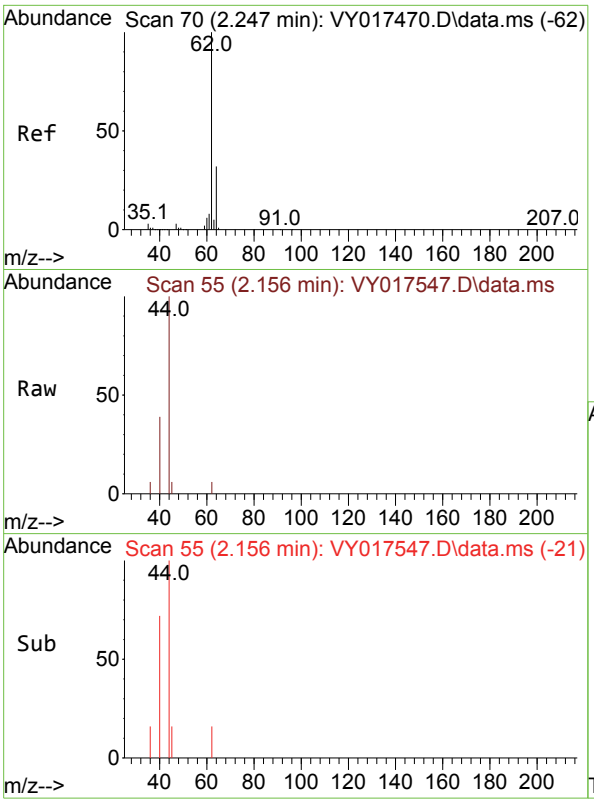


#3
Chloromethane
Concen: 11.994 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.018 min
Lab File: VY017547.D
Acq: 01 Mar 2024 12:38

Tgt Ion: 50 Resp: 113

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.6	38.4#



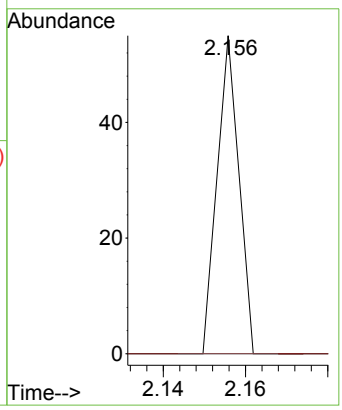


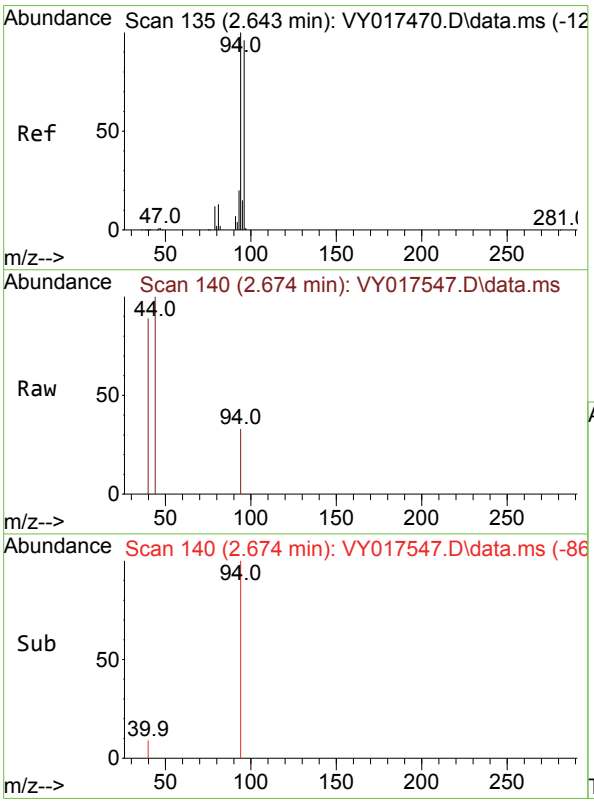
#4
Vinyl Chloride
Concen: 1.655 ug/l
RT: 2.156 min Scan# 5
Delta R.T. -0.091 min
Lab File: VY017547.D
Acq: 01 Mar 2024 12:38

Instrument :
MSVOA_Y
ClientSampleId :
SP-5

Tgt Ion: 62 Resp: 20

Ion	Ratio	Lower	Upper
62	100		
64	0.0	26.1	39.1#

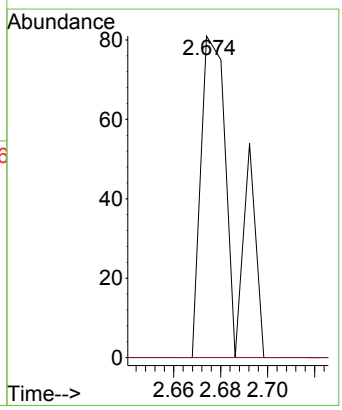


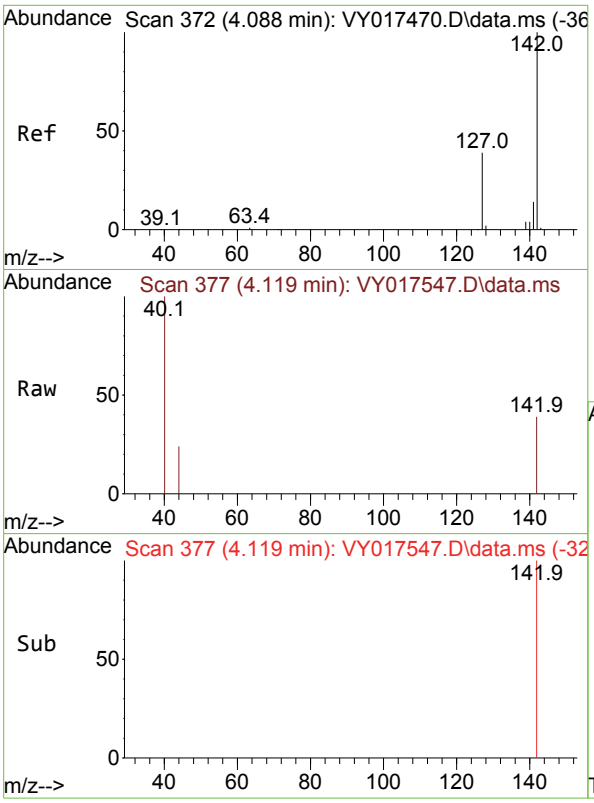


#5
Bromomethane
Concen: 7.818 ug/l
RT: 2.674 min Scan# 140
Delta R.T. 0.031 min
Lab File: VY017547.D
Acq: 01 Mar 2024 12:38

Tgt Ion: 94 Resp: 77

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.1	111.1#



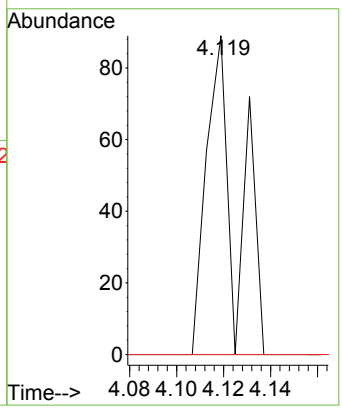


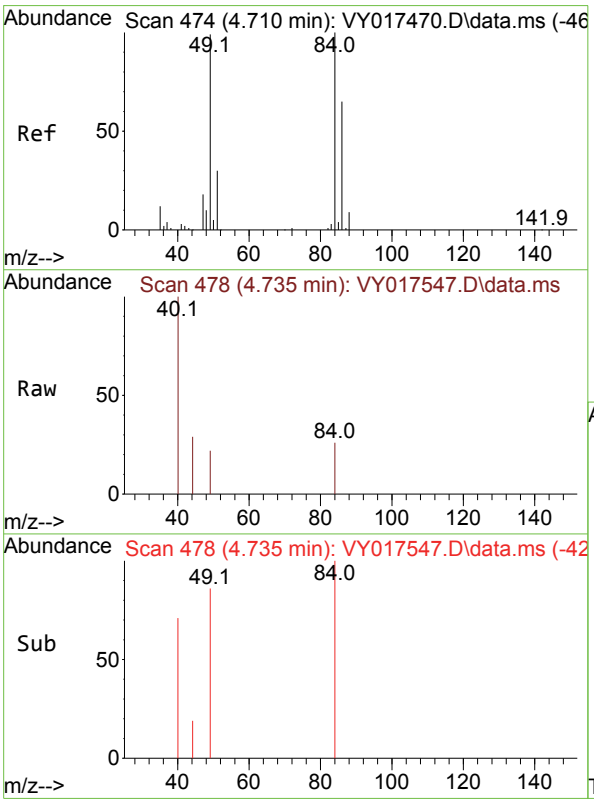
#10
Methyl Iodide
Concen: 10.061 ug/l
RT: 4.119 min Scan# 3
Delta R.T. 0.031 min
Lab File: VY017547.D
Acq: 01 Mar 2024 12:38

Instrument :
MSVOA_Y
ClientSampleId :
SP-5

Tgt Ion:142 Resp: 80

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.8	49.2#
141	0.0	11.4	17.2#

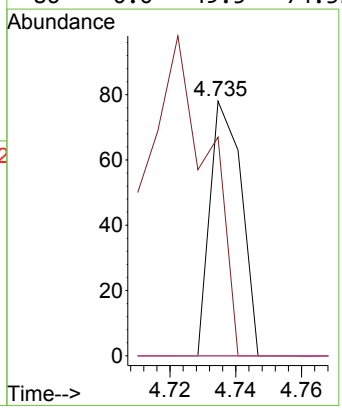


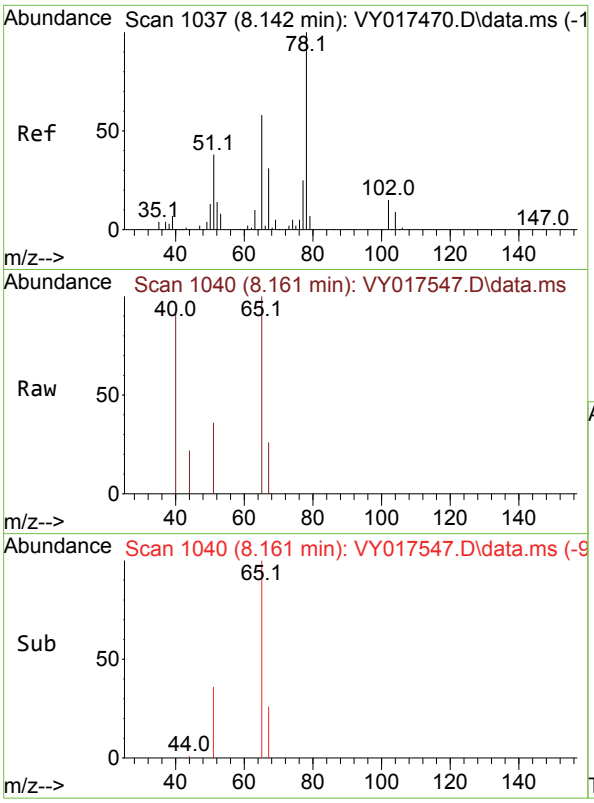


#20
Methylene Chloride
Concen: 1.584 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.025 min
Lab File: VY017547.D
Acq: 01 Mar 2024 12:38

Tgt Ion: 84 Resp: 52

Ion	Ratio	Lower	Upper
84	100		
49	85.9	84.4	126.6
51	0.0	26.0	39.0#
86	0.0	49.5	74.3#



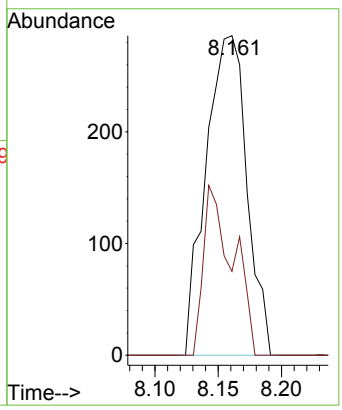


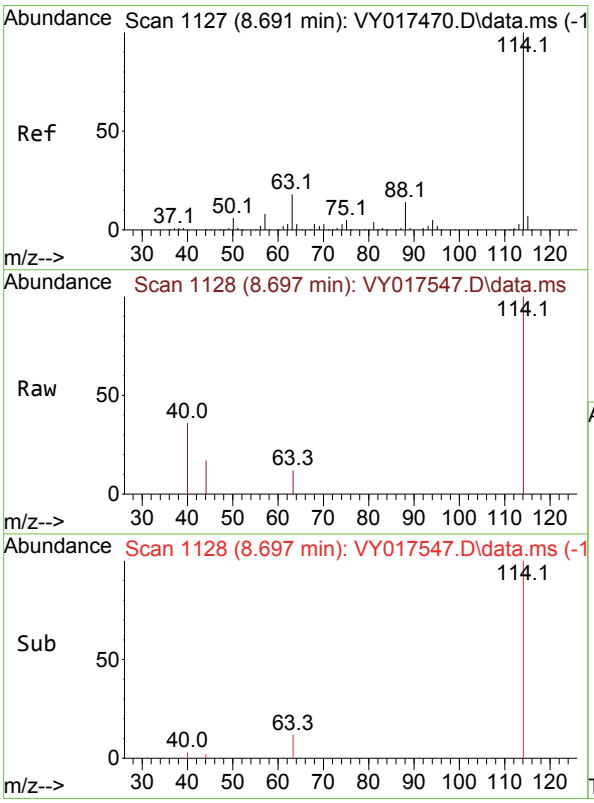
#33
1,2-Dichloroethane-d4
Concen: 97.213 ug/l
RT: 8.161 min Scan# 1
Delta R.T. 0.018 min
Lab File: VY017547.D
Acq: 01 Mar 2024 12:38

Instrument :
MSVOA_Y
ClientSampleId :
SP-5

Tgt Ion: 65 Resp: 644

Ion	Ratio	Lower	Upper
65	100		
67	38.2	0.0	109.6

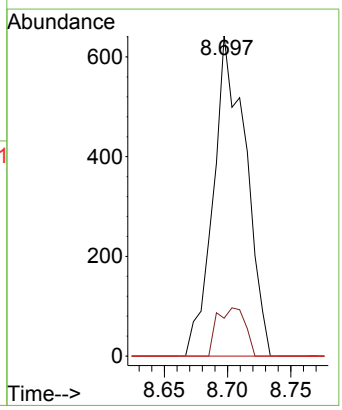


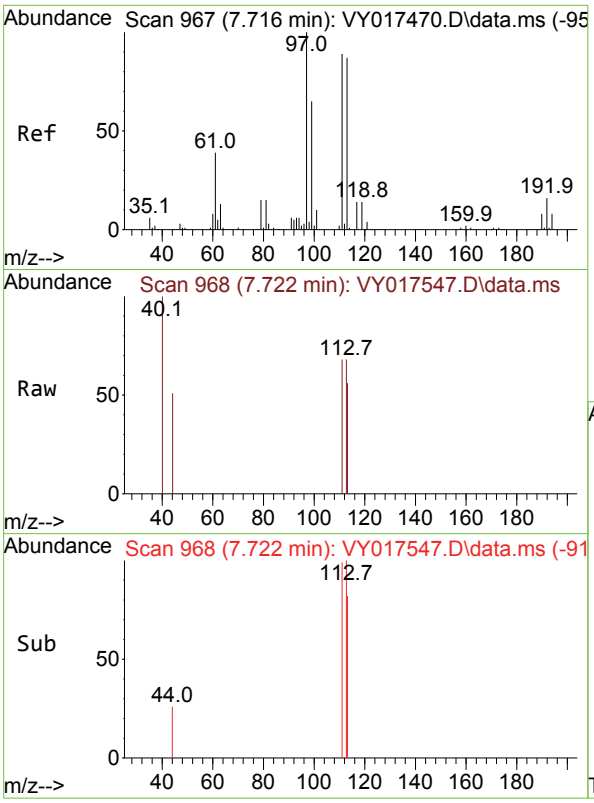


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY017547.D
Acq: 01 Mar 2024 12:38

Tgt Ion:114 Resp: 1148

Ion	Ratio	Lower	Upper
114	100		
63	11.8	0.0	35.0
88	0.0	0.0	27.2



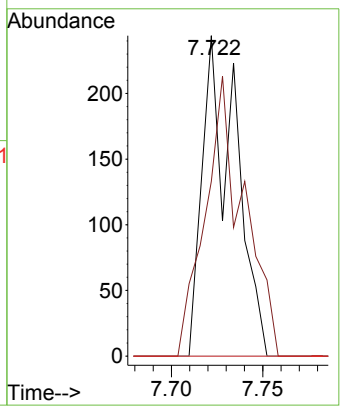


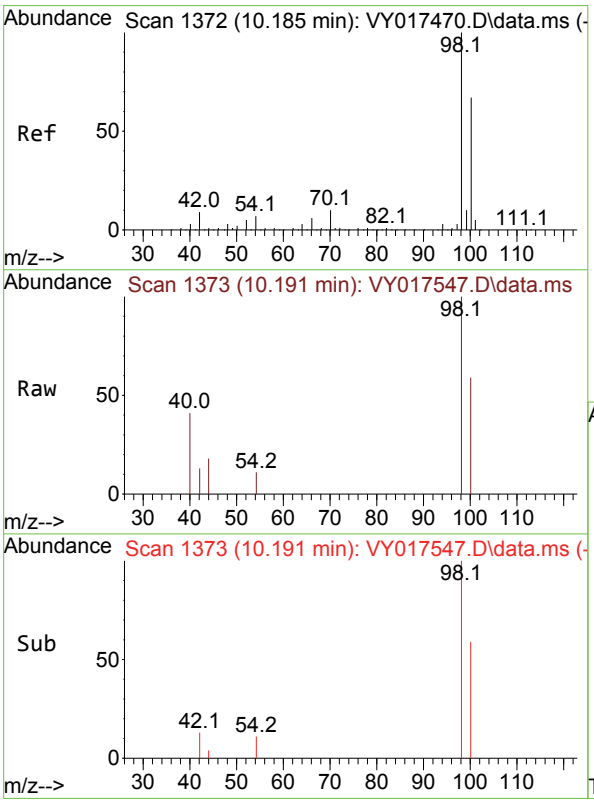
#35
Dibromofluoromethane
Concen: 38.002 ug/l
RT: 7.722 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY017547.D
Acq: 01 Mar 2024 12:38

Instrument :
MSVOA_Y
ClientSampleId :
SP-5

Tgt Ion:113 Resp: 304

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	0.0	15.9	23.9#

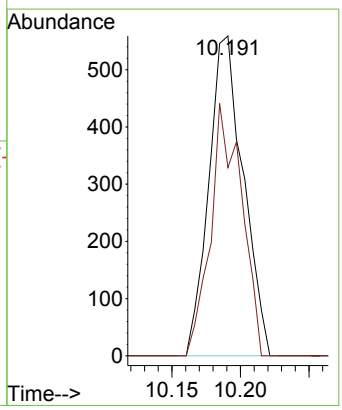


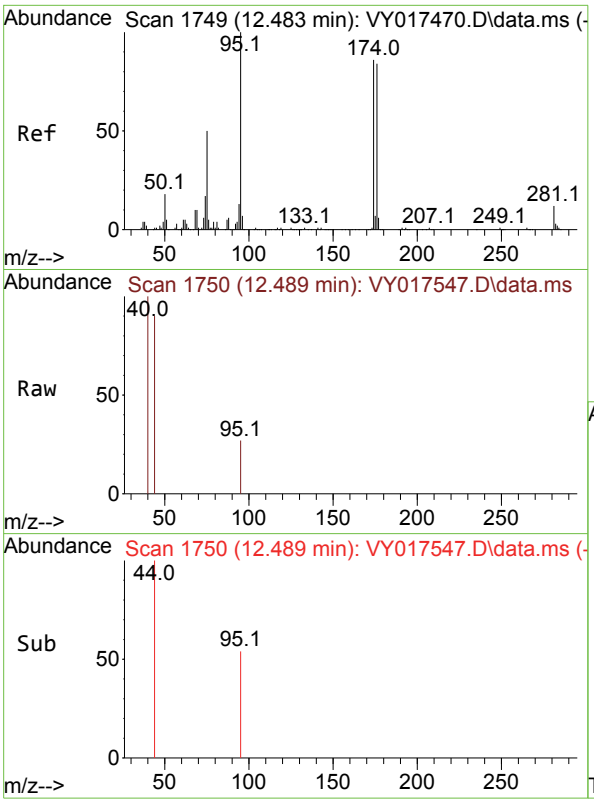


#50
Toluene-d8
Concen: 34.966 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017547.D
Acq: 01 Mar 2024 12:38

Tgt Ion: 98 Resp: 978

Ion	Ratio	Lower	Upper
98	100		
100	70.9	52.0	78.0



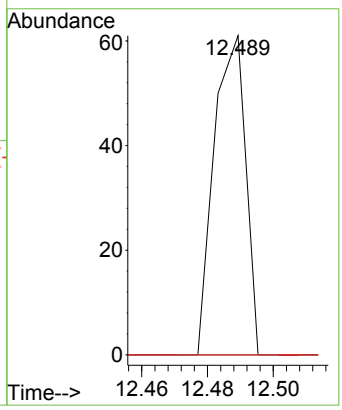


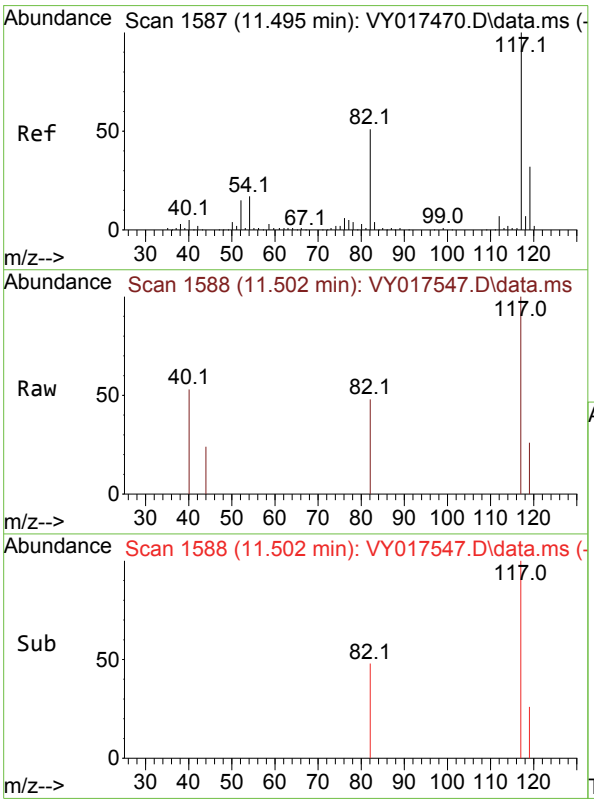
#62
4-Bromofluorobenzene
Concen: 4.664 ug/l
RT: 12.489 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY017547.D
Acq: 01 Mar 2024 12:38

Instrument :
MSVOA_Y
ClientSampleId :
SP-5

Tgt Ion: 95 Resp: 41

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

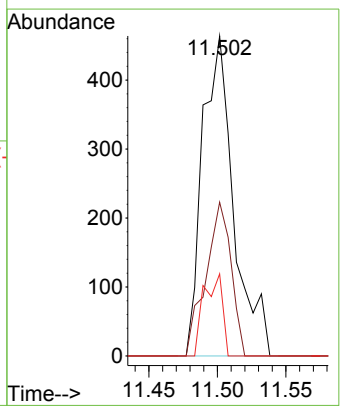


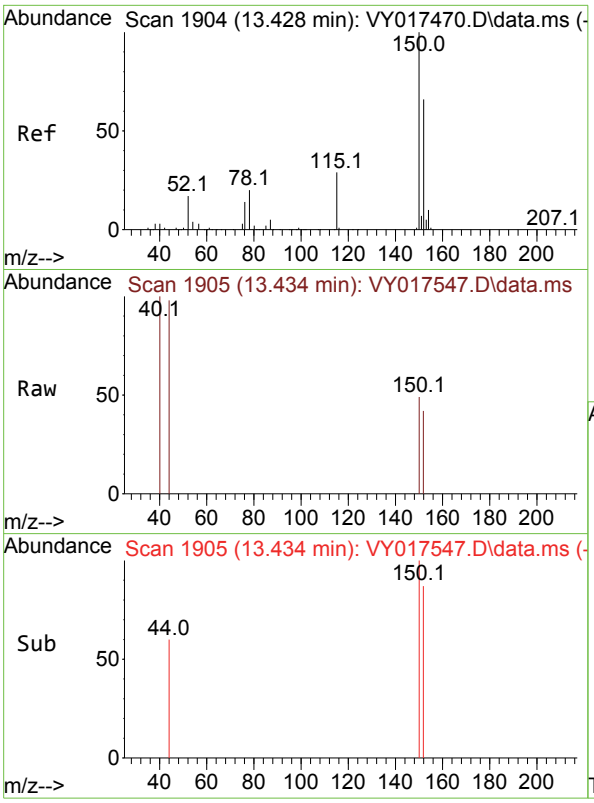


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017547.D
Acq: 01 Mar 2024 12:38

Tgt Ion:117 Resp: 734

Ion	Ratio	Lower	Upper
117	100		
82	48.1	42.4	63.6
119	25.6	25.9	38.9#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY017547.D
Acq: 01 Mar 2024 12:38

Instrument :
MSVOA_Y
ClientSampleId :
SP-5

Tgt Ion:152 Resp: 57

Ion	Ratio	Lower	Upper
152	100		
115	0.0	28.2	84.7#
150	208.8	0.0	345.6