Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031423\
Data File : VY012941.D
Acq On : 14 Mar 2023 14:36
Operator : KP/MD
Sample : 01905-10
Misc : 5.35g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-3

Quant Time: Mar 15 01:43:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	3006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	3775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2023	67.782	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.560%			
35) Dibromofluoromethane	7.716	113	1574	61.109	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 122.220%			
50) Toluene-d8	10.185	98	5065	53.789	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.580%			
62) 4-Bromofluorobenzene	12.483	95	1302	40.966	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 81.940%			
Target Compounds						Qvalue
3) Chloromethane	2.119	50	173	4.884	ug/l #	42
5) Bromomethane	2.668	94	80	4.053	ug/l #	64
20) Methylene Chloride	4.722	84	94	Below Cal	#	52
36) 1,1-Dichloropropene	7.777	75	193	4.471	ug/l #	41
38) Carbon Tetrachloride	7.783	117	221	4.958	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	641	46.921	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	641	97.222	ug/l #	13

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

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Misc : 5.35g/5.0mL/MSVOA_Y/SOIL
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ClientSampleId :
MAPLE-3

Quant Time: Mar 15 01:43:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
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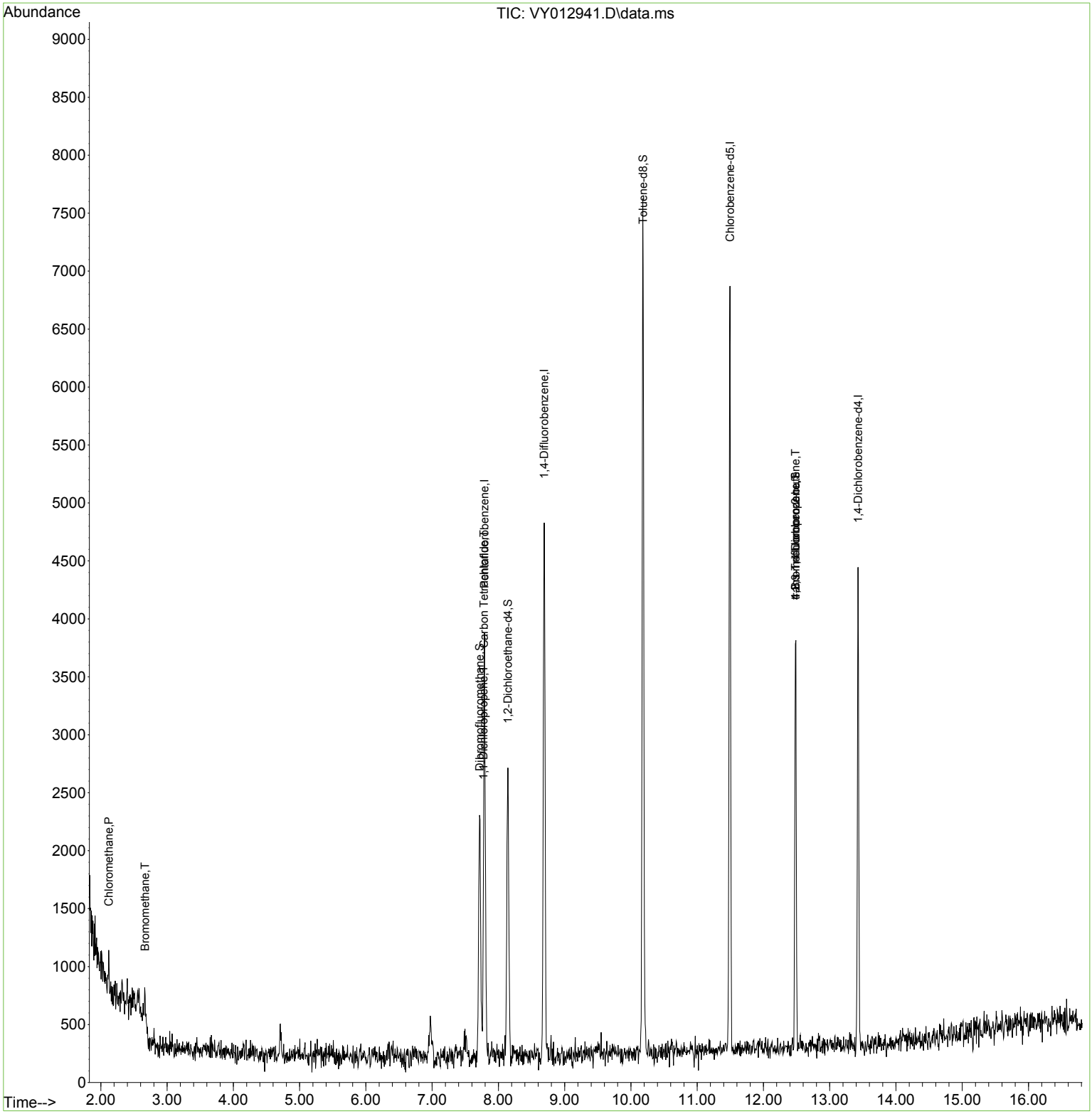
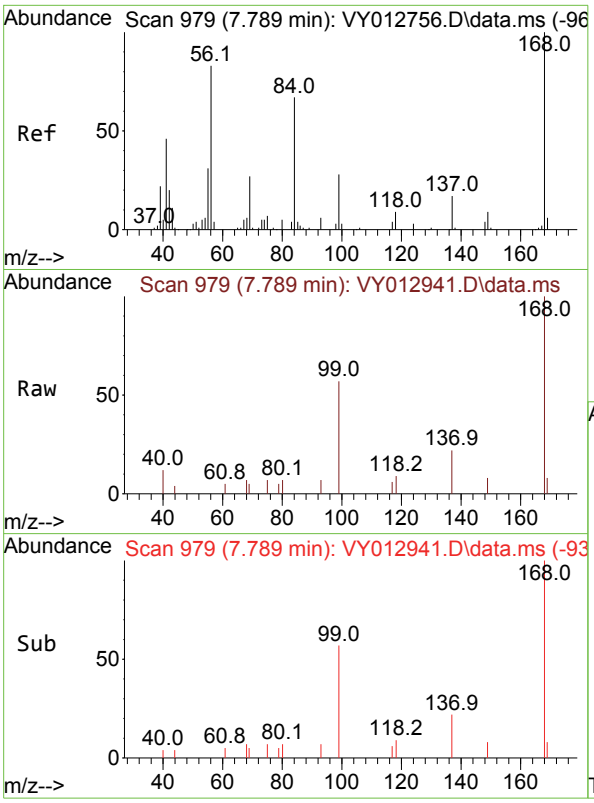


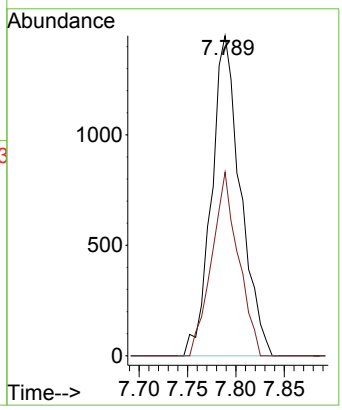


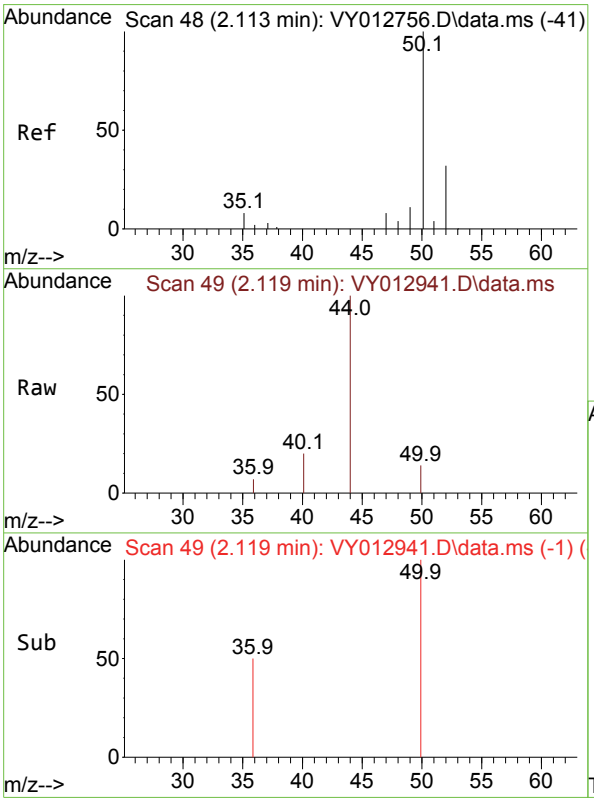
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY012941.D
Acq: 14 Mar 2023 14:36

Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-3

Tgt Ion:168 Resp: 3006

Ion	Ratio	Lower	Upper
168	100		
99	57.3	41.7	62.5

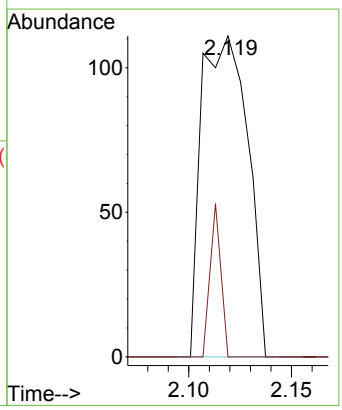


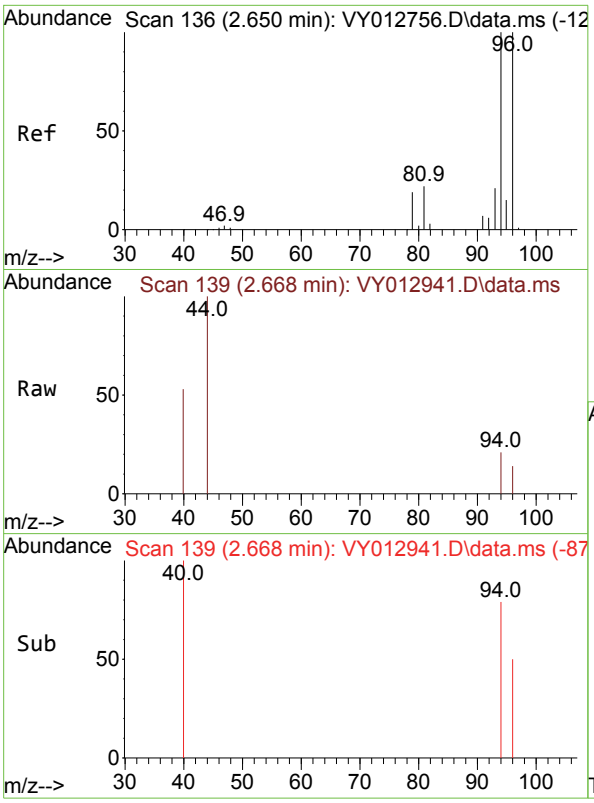


#3
Chloromethane
Concen: 4.884 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012941.D
Acq: 14 Mar 2023 14:36

Tgt Ion: 50 Resp: 173

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.0	39.0#



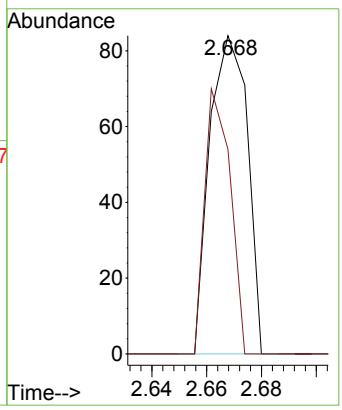


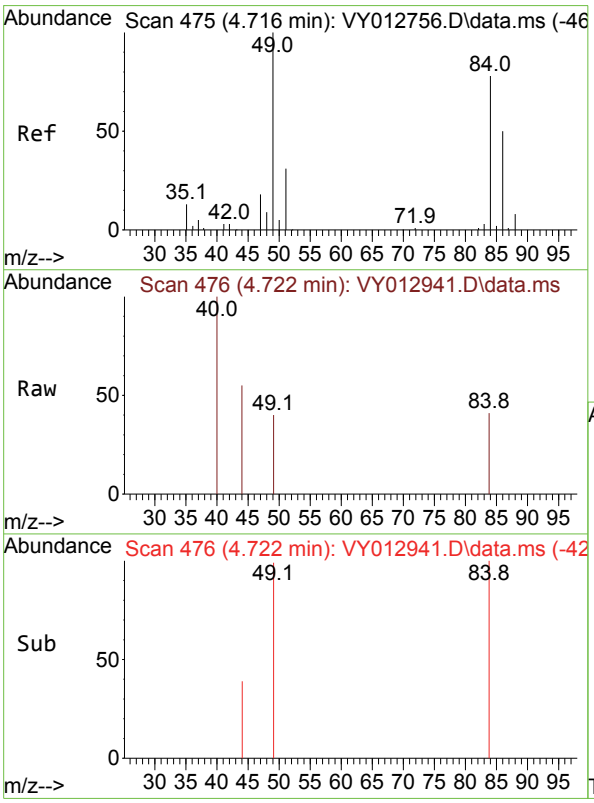
#5
Bromomethane
Concen: 4.053 ug/l
RT: 2.668 min Scan# 1
Delta R.T. 0.018 min
Lab File: VY012941.D
Acq: 14 Mar 2023 14:36

Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-3

Tgt Ion: 94 Resp: 80

Ion	Ratio	Lower	Upper
94	100		
96	64.3	80.3	120.5#

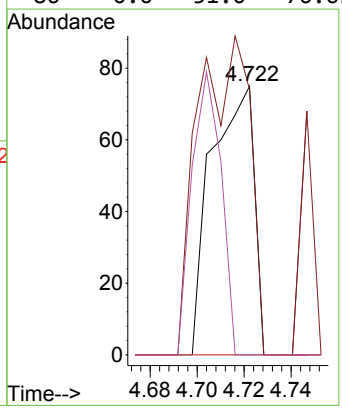


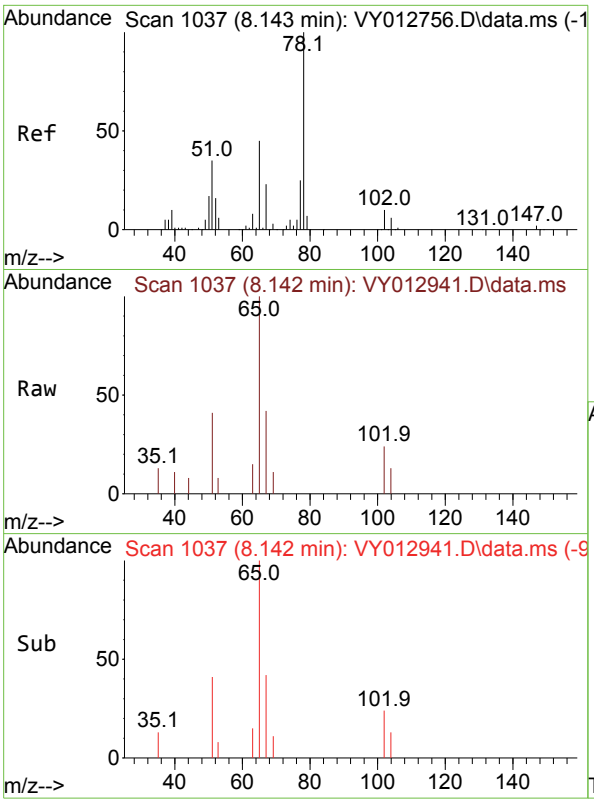


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012941.D
Acq: 14 Mar 2023 14:36

Tgt Ion: 84 Resp: 94

Ion	Ratio	Lower	Upper
84	100		
49	98.7	102.6	154.0#
51	0.0	31.9	47.9#
86	0.0	51.0	76.6#



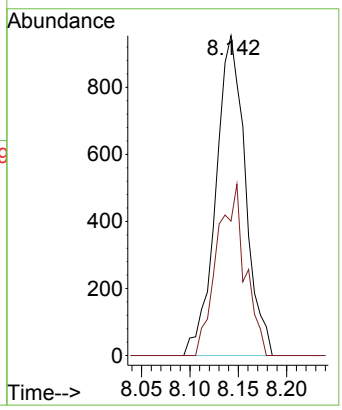


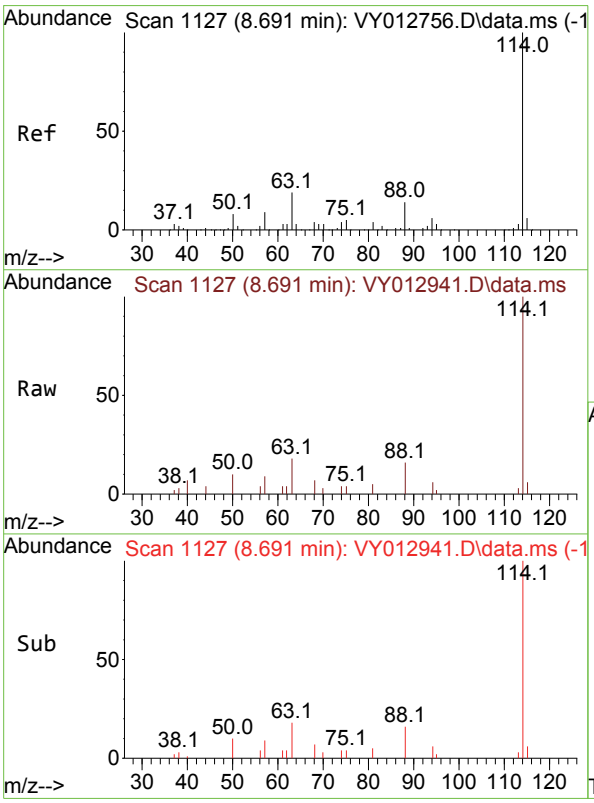
#33
1,2-Dichloroethane-d4
Concen: 67.782 ug/l
RT: 8.142 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY012941.D
Acq: 14 Mar 2023 14:36

Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-3

Tgt Ion: 65 Resp: 2023

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.0

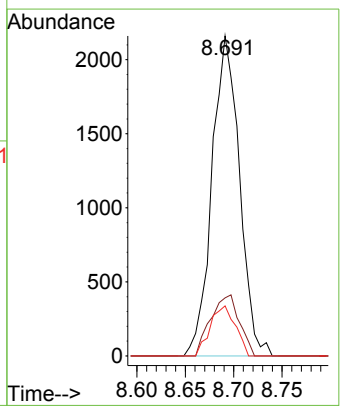


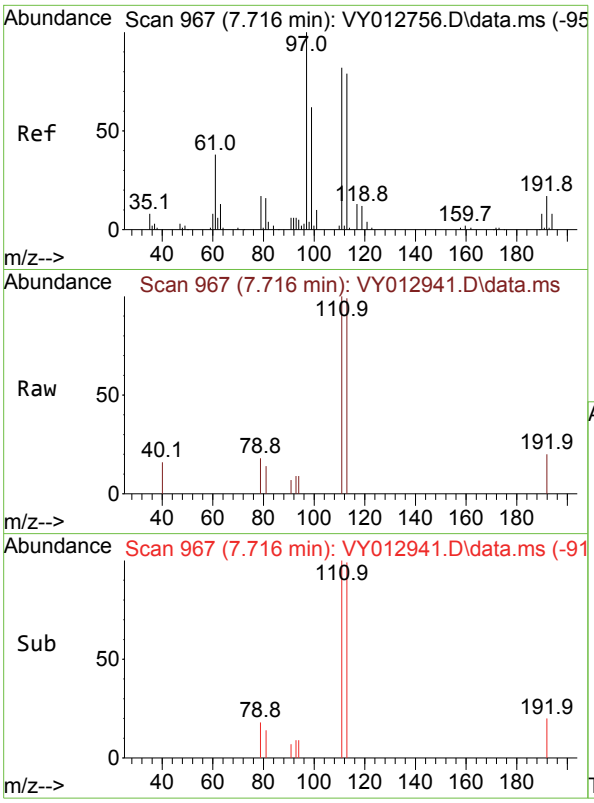


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012941.D
Acq: 14 Mar 2023 14:36

Tgt Ion:114 Resp: 4268

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	37.4
88	15.6	0.0	28.6



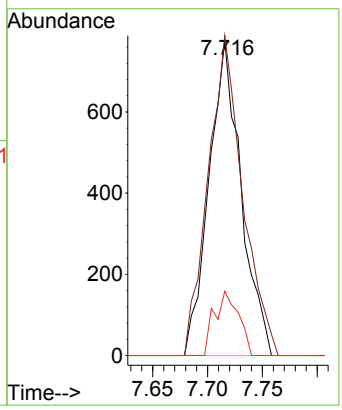


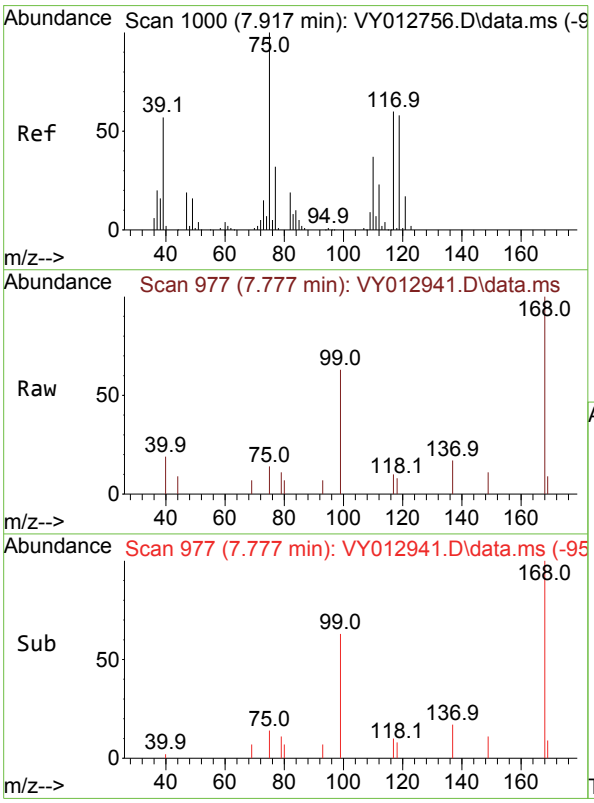
#35
Dibromofluoromethane
Concen: 61.109 ug/l
RT: 7.716 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY012941.D
Acq: 14 Mar 2023 14:36

Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-3

Tgt Ion:113 Resp: 1574

Ion	Ratio	Lower	Upper
113	100		
111	109.4	82.2	123.2
192	15.4	16.8	25.2#

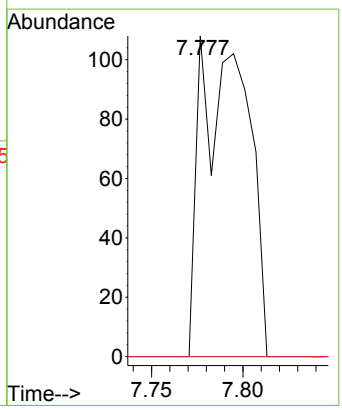


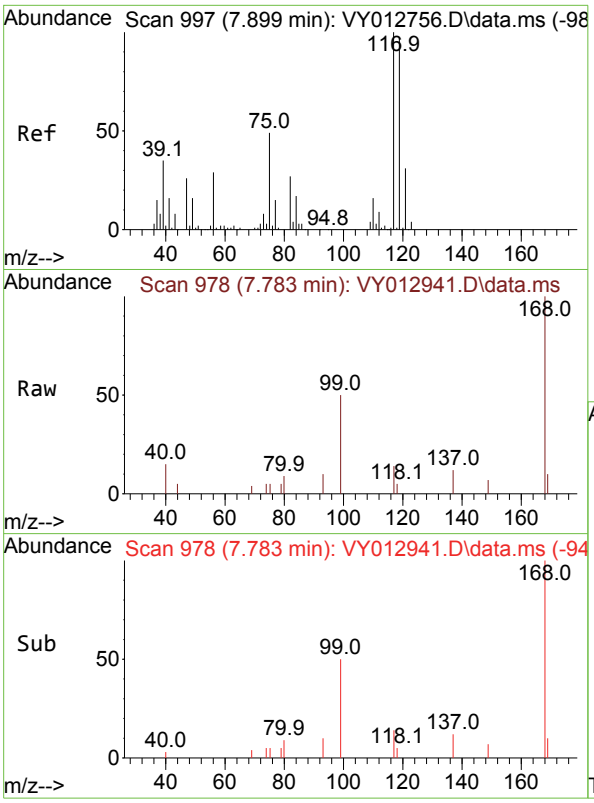


#36
1,1-Dichloropropene
Concen: 4.471 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.140 min
Lab File: VY012941.D
Acq: 14 Mar 2023 14:36

Tgt Ion: 75 Resp: 193

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



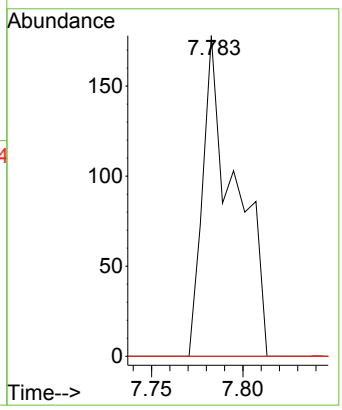


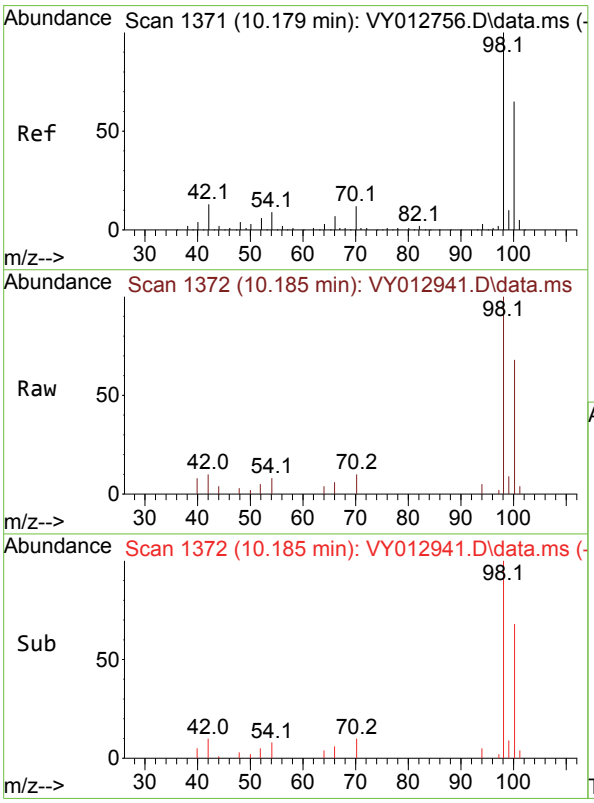
#38
Carbon Tetrachloride
Concen: 4.958 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.116 min
Lab File: VY012941.D
Acq: 14 Mar 2023 14:36

Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-3

Tgt Ion:117 Resp: 221

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

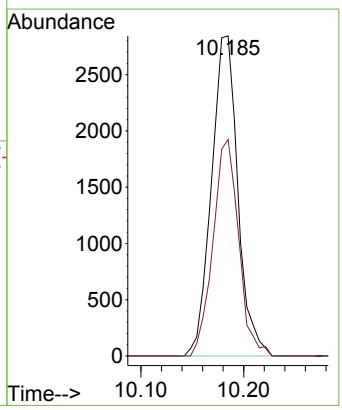


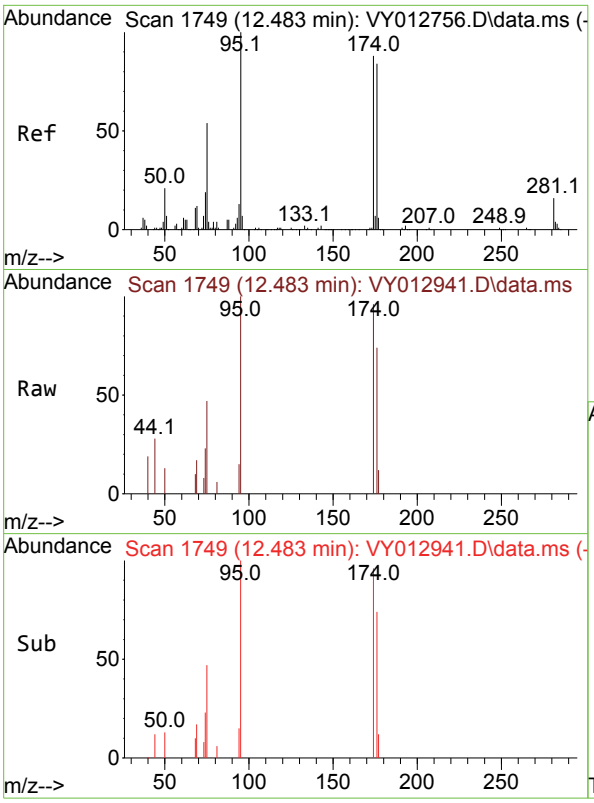


#50
Toluene-d8
Concen: 53.789 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY012941.D
Acq: 14 Mar 2023 14:36

Tgt Ion: 98 Resp: 5065

Ion	Ratio	Lower	Upper
98	100		
100	65.8	50.9	76.3



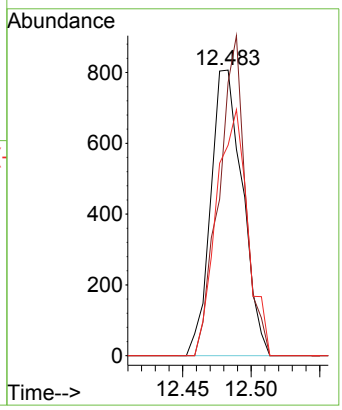


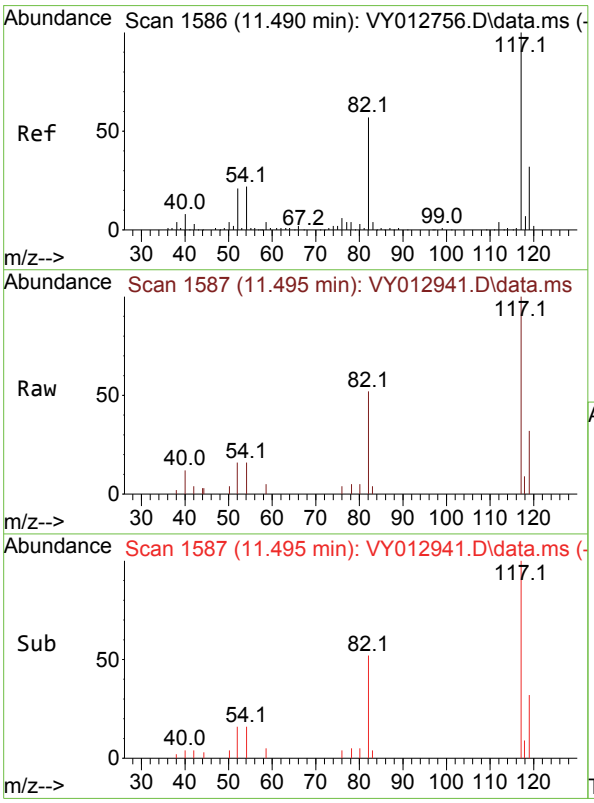
#62
4-Bromofluorobenzene
Concen: 40.966 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY012941.D
Acq: 14 Mar 2023 14:36

Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-3

Tgt Ion: 95 Resp: 1302

Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	176.6
176	85.3	0.0	170.2

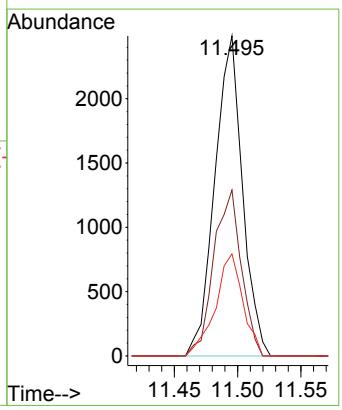


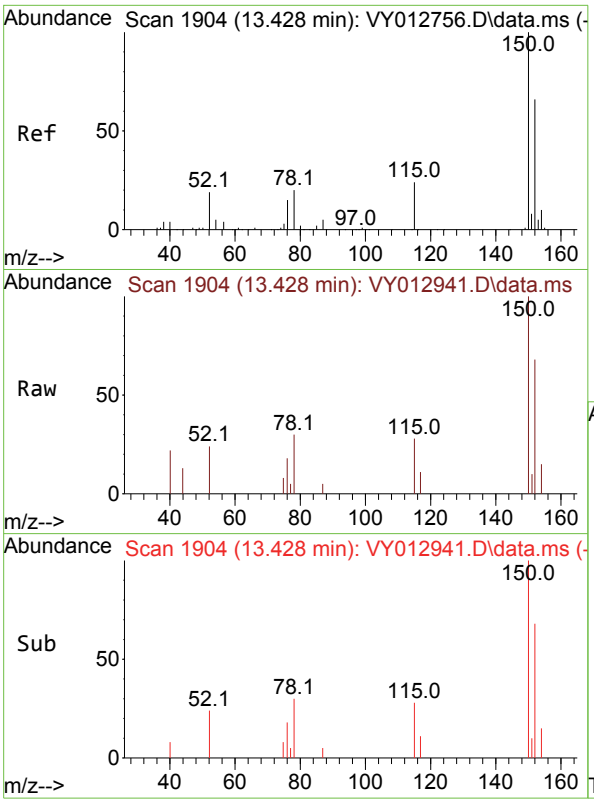


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY012941.D
Acq: 14 Mar 2023 14:36

Tgt Ion:117 Resp: 3775

Ion	Ratio	Lower	Upper
117	100		
82	51.8	45.4	68.0
119	31.9	25.6	38.4



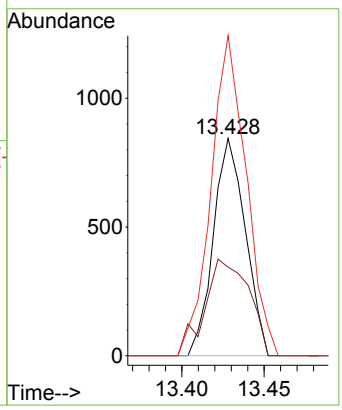


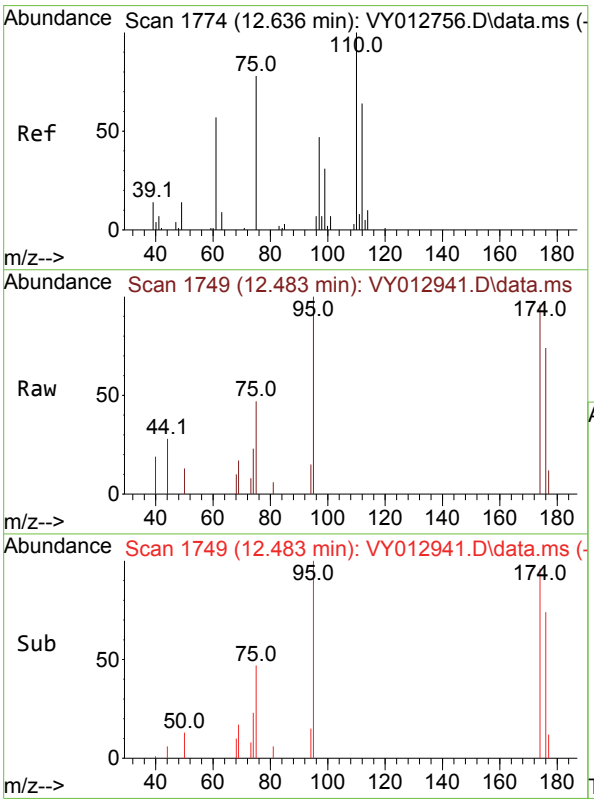
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY012941.D
Acq: 14 Mar 2023 14:36

Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-3

Tgt Ion:152 Resp: 1144

Ion	Ratio	Lower	Upper
152	100		
115	60.8	27.1	81.3
150	162.0	0.0	347.8

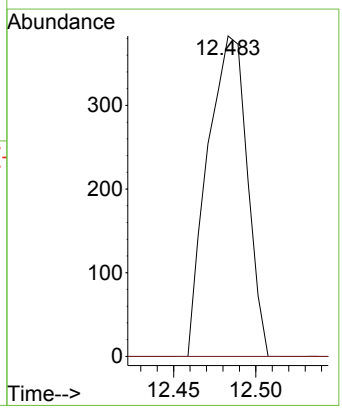


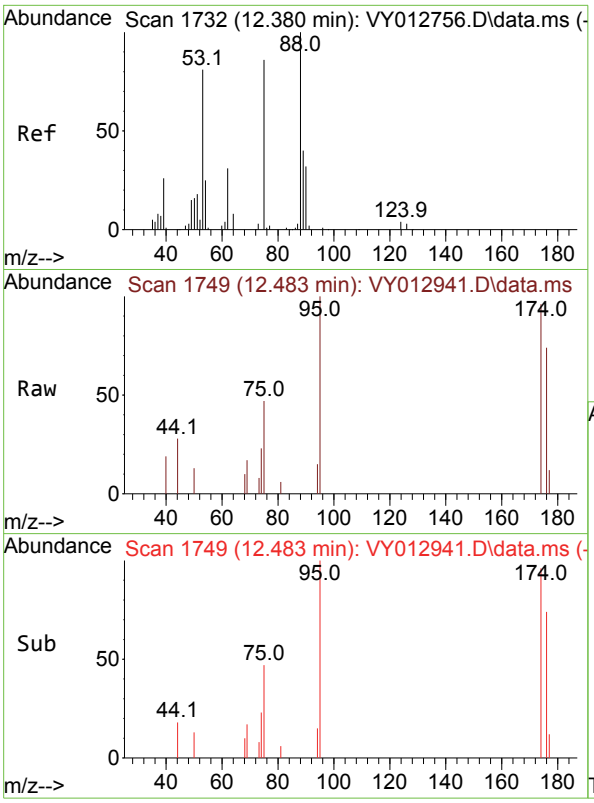


#76
1,2,3-Trichloropropane
Concen: 46.921 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012941.D
Acq: 14 Mar 2023 14:36

Tgt Ion: 75 Resp: 641

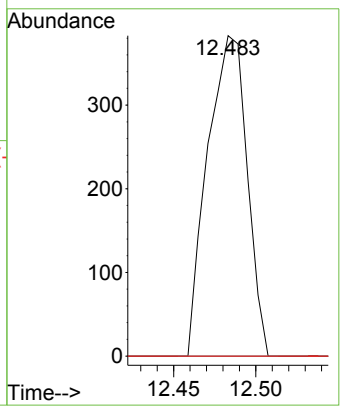
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 97.222 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.103 min
Lab File: VY012941.D
Acq: 14 Mar 2023 14:36

Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-3

Tgt Ion: 75 Resp: 641

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.4	110.0#
89	0.0	36.6	55.0#