Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
Data File : VY011748.D
Acq On : 09 Dec 2022 17:17
Operator : KP/MD
Sample : N5804-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Quant Time: Dec 10 03:55:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 10 03:30:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	1853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	3543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1786	150.920	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 301.840%#			
35) Dibromofluoromethane	7.722	113	800	50.891	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.780%			
50) Toluene-d8	10.179	98	4198	86.140	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 172.280%#			
62) 4-Bromofluorobenzene	12.483	95	866	41.370	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 82.740%			
Target Compounds						Qvalue
3) Chloromethane	2.125	50	73	3.468	ug/l #	41
5) Bromomethane	2.674	94	148	15.748	ug/l #	1
10) Methyl Iodide	4.107	142	738	41.453	ug/l #	85
20) Methylene Chloride	4.716	84	307	12.657	ug/l #	64
36) 1,1-Dichloropropene	7.777	75	27	1.004	ug/l #	41
38) Carbon Tetrachloride	7.795	117	185	5.858	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	382	61.194	ug/l #	100
79) 2-Chlorotoluene	12.672	91	45	1.646	ug/l #	40
81) trans-1,4-Dichloro-2-b...	12.483	75	382	138.862	ug/l #	13
82) 4-Chlorotoluene	12.672	91	45	1.587	ug/l #	41
95) Naphthalene	15.239	128	119	6.232	ug/l #	69

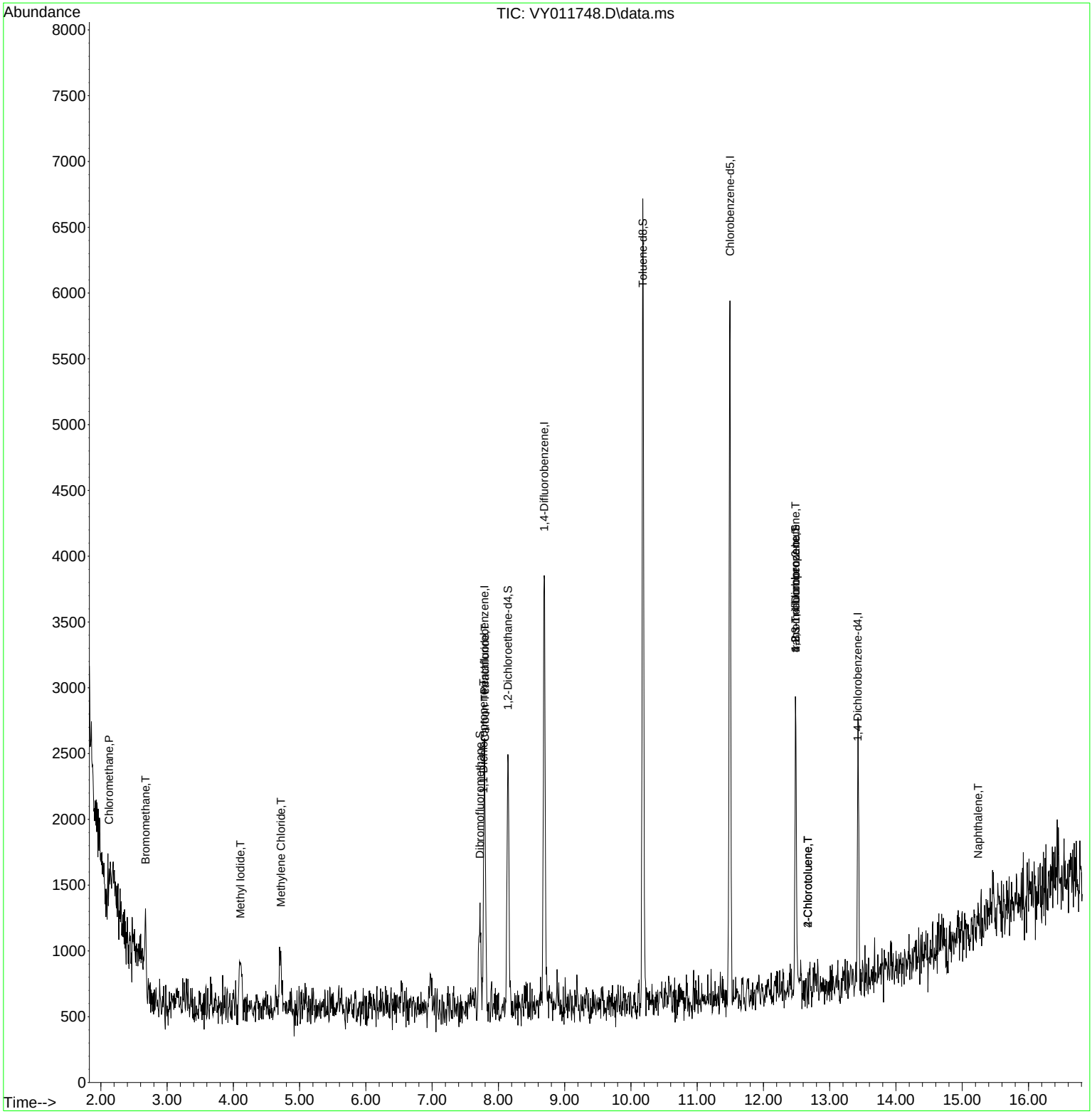
(#) = qualifier out of range (m) = manual integration (+) = signals summed

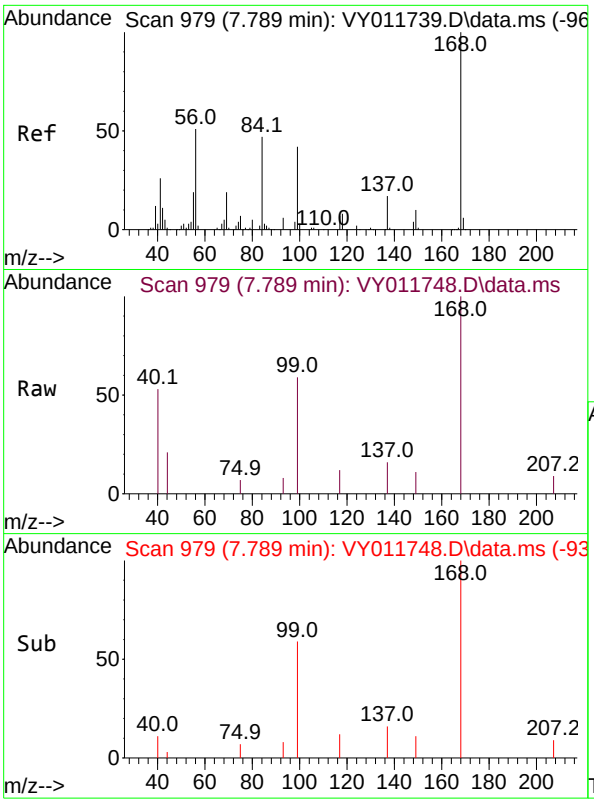
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
Data File : VY011748.D
Acq On : 09 Dec 2022 17:17
Operator : KP/MD
Sample : N5804-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Quant Time: Dec 10 03:55:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 10 03:30:20 2022
Response via : Initial Calibration



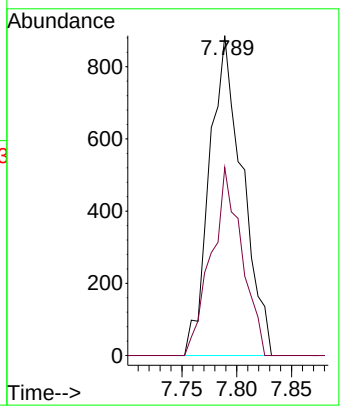


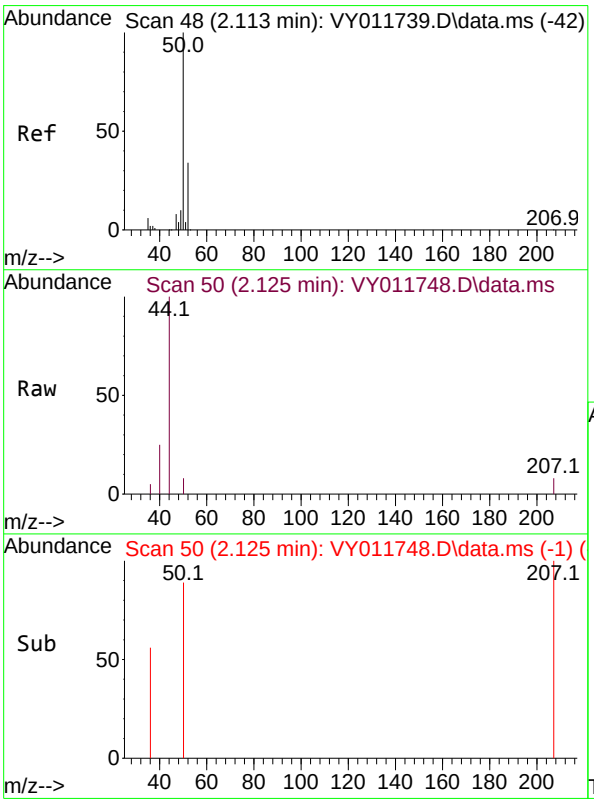
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY011748.D
Acq: 09 Dec 2022 17:17

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 1853

Ion	Ratio	Lower	Upper
168	100		
99	58.8	44.0	66.0

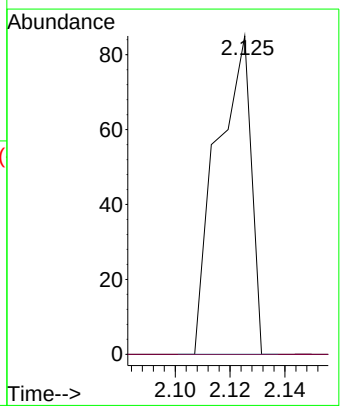


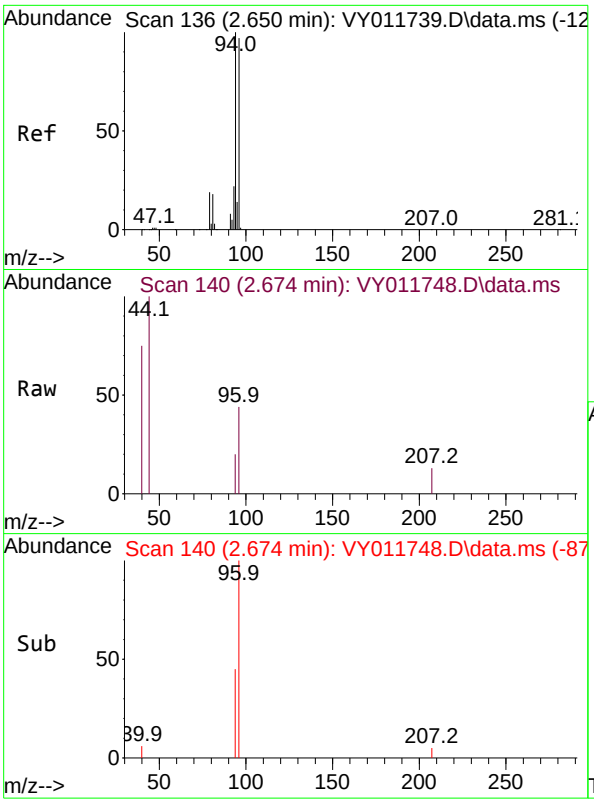


#3
Chloromethane
Concen: 3.468 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY011748.D
Acq: 09 Dec 2022 17:17

Tgt Ion: 50 Resp: 73

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.8	40.2#



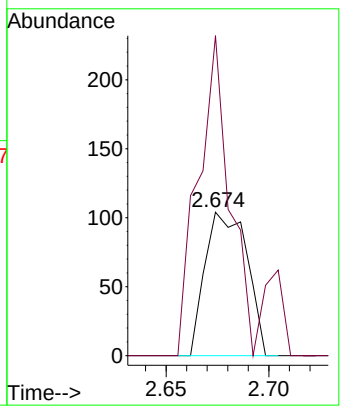


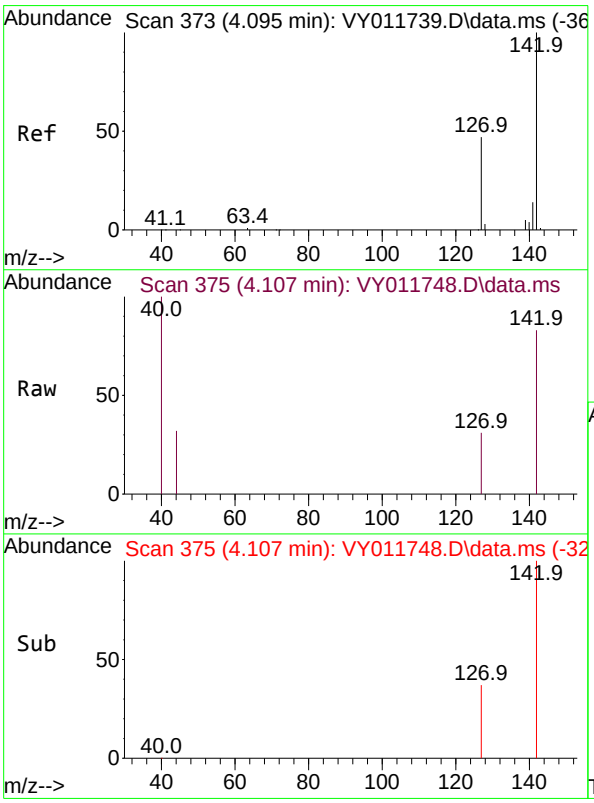
#5
Bromomethane
Concen: 15.748 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.024 min
Lab File: VY011748.D
Acq: 09 Dec 2022 17:17

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion: 94 Resp: 148

Ion	Ratio	Lower	Upper
94	100		
96	223.1	77.4	116.2#

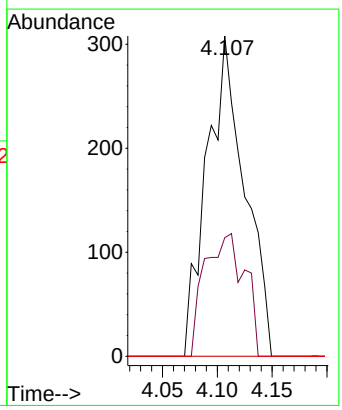


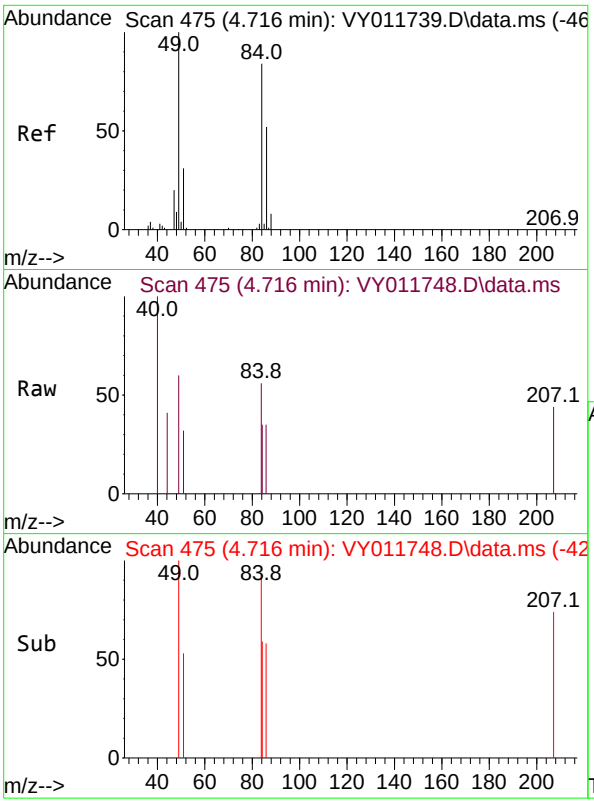


#10
Methyl Iodide
Concen: 41.453 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY011748.D
Acq: 09 Dec 2022 17:17

Tgt Ion:142 Resp: 738

Ion	Ratio	Lower	Upper
142	100		
127	40.5	37.0	55.4
141	0.0	11.4	17.0#



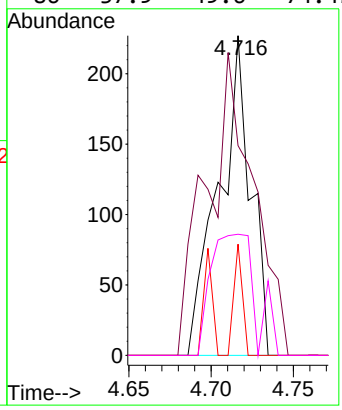


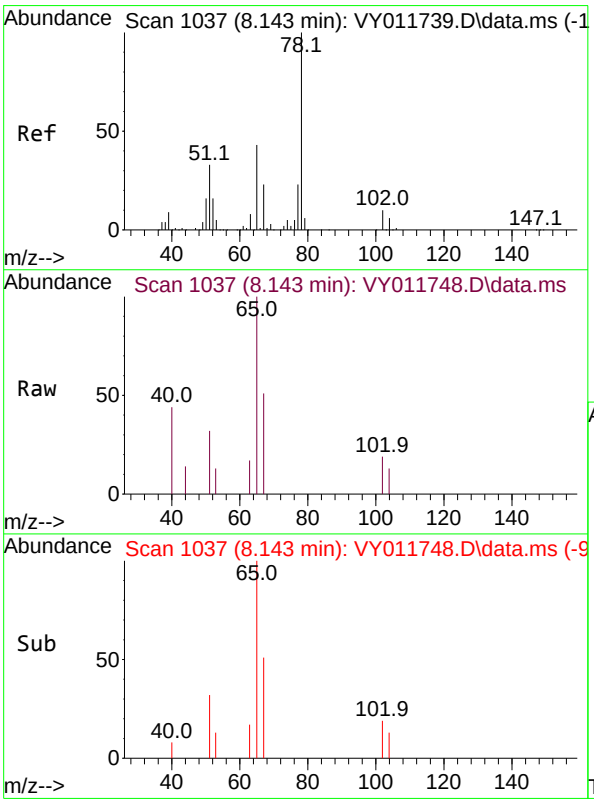
#20
Methylene Chloride
Concen: 12.657 ug/l
RT: 4.716 min Scan# 4
Delta R.T. 0.000 min
Lab File: VY011748.D
Acq: 09 Dec 2022 17:17

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 307

Ion	Ratio	Lower	Upper
84	100		
49	65.6	95.4	143.2#
51	34.8	29.9	44.9
86	37.9	49.6	74.4#

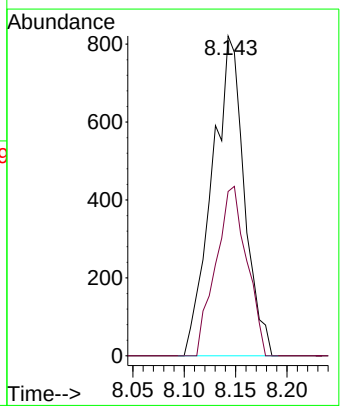


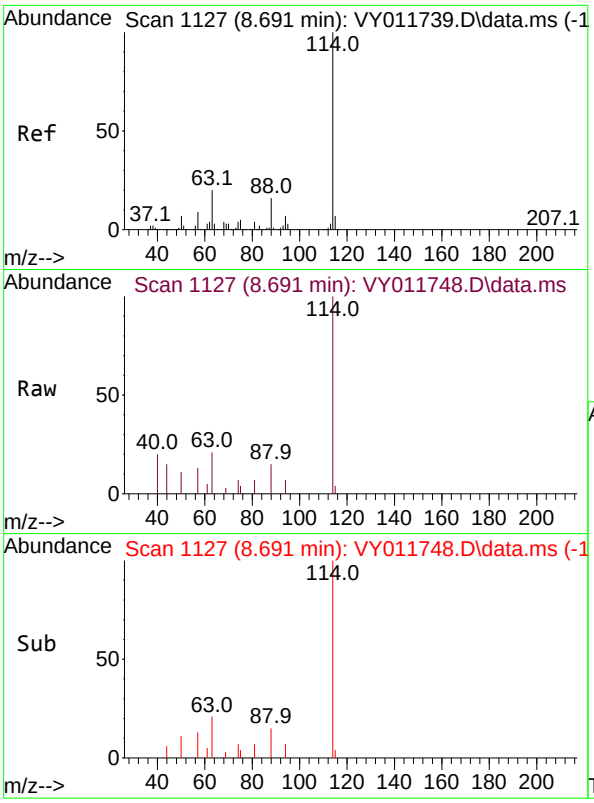


#33
1,2-Dichloroethane-d4
Concen: 150.920 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011748.D
Acq: 09 Dec 2022 17:17

Tgt Ion: 65 Resp: 1786

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	103.2



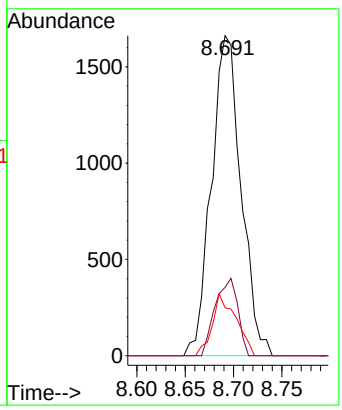


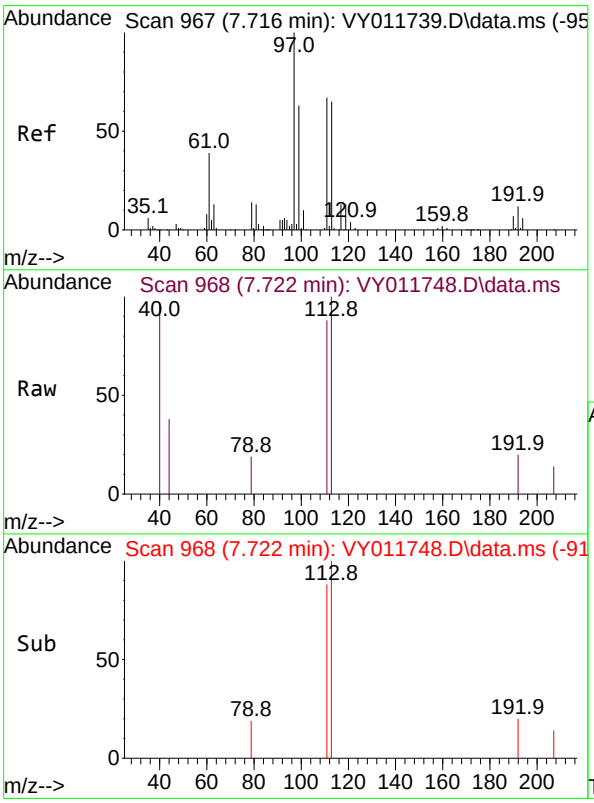
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011748.D
Acq: 09 Dec 2022 17:17

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 3543

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	39.6
88	14.9	0.0	32.2

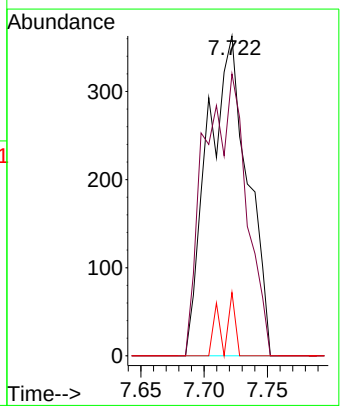


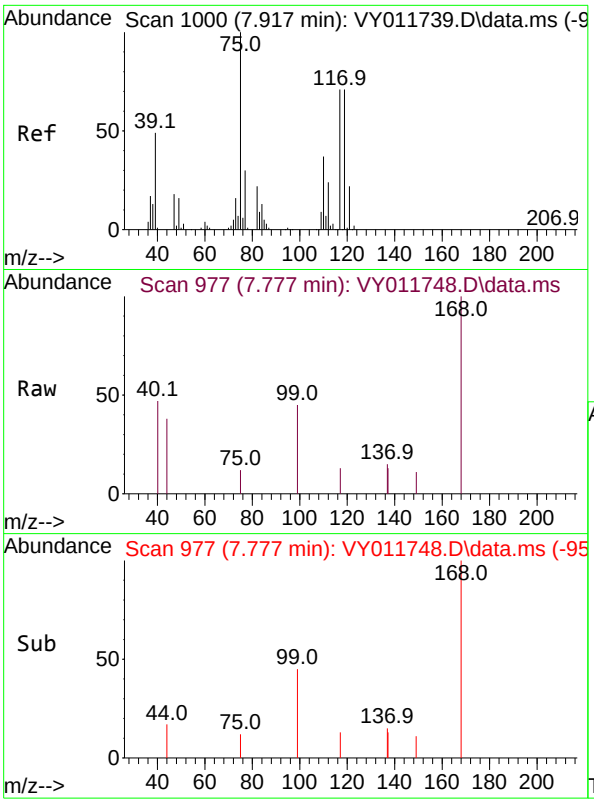


#35
Dibromofluoromethane
Concen: 50.891 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY011748.D
Acq: 09 Dec 2022 17:17

Tgt Ion:113 Resp: 800

Ion	Ratio	Lower	Upper
113	100		
111	92.1	83.0	124.4
192	2.8	16.0	24.0#



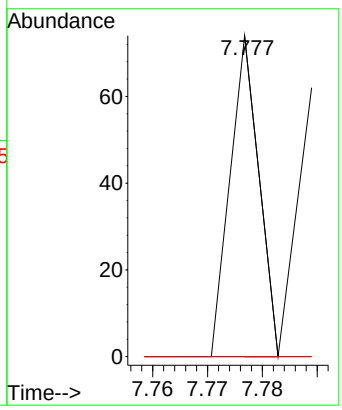


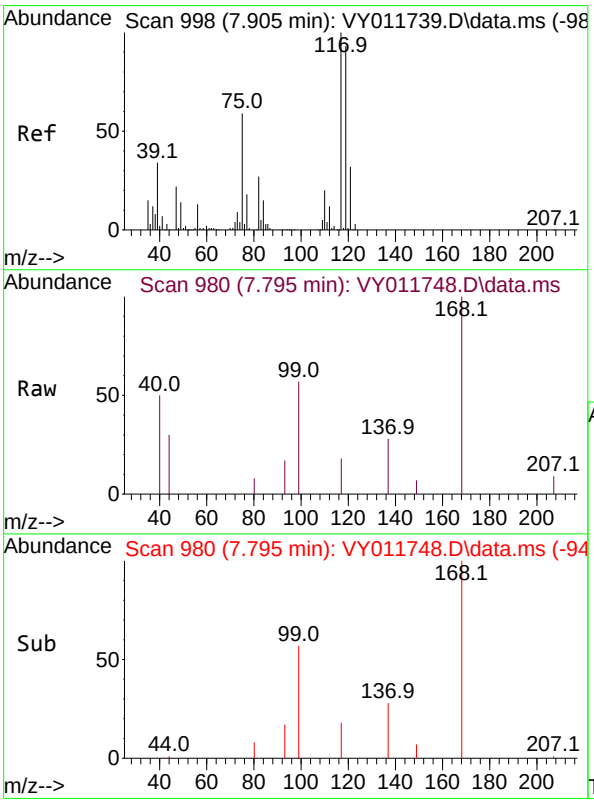
#36
1,1-Dichloropropene
Concen: 1.004 ug/l
RT: 7.777 min Scan# 9
Delta R.T. -0.140 min
Lab File: VY011748.D
Acq: 09 Dec 2022 17:17

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 27

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

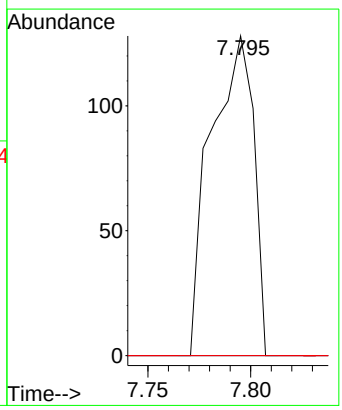


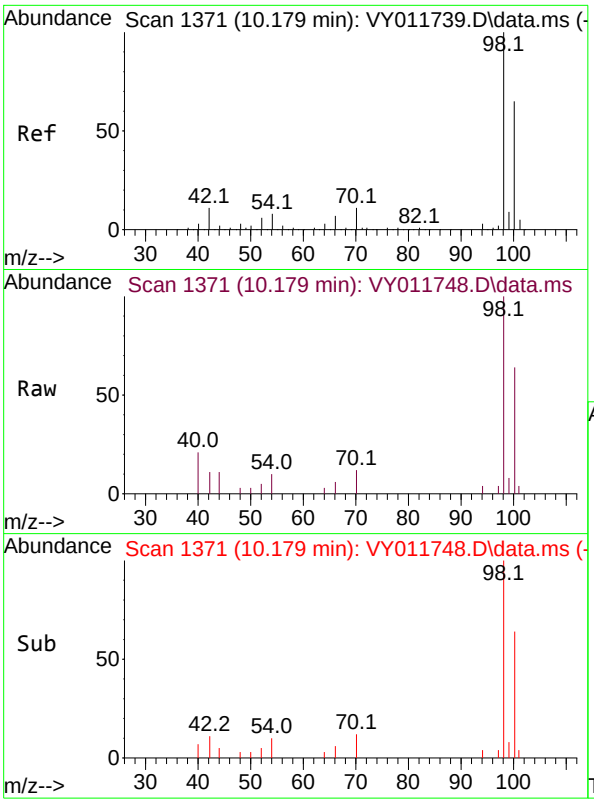


#38
Carbon Tetrachloride
Concen: 5.858 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY011748.D
Acq: 09 Dec 2022 17:17

Tgt Ion:117 Resp: 185

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



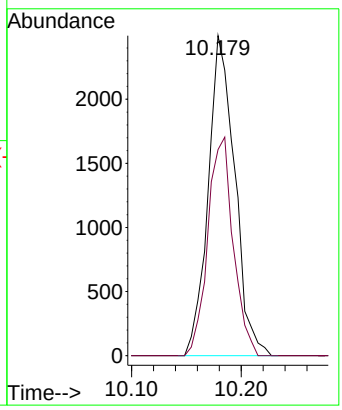


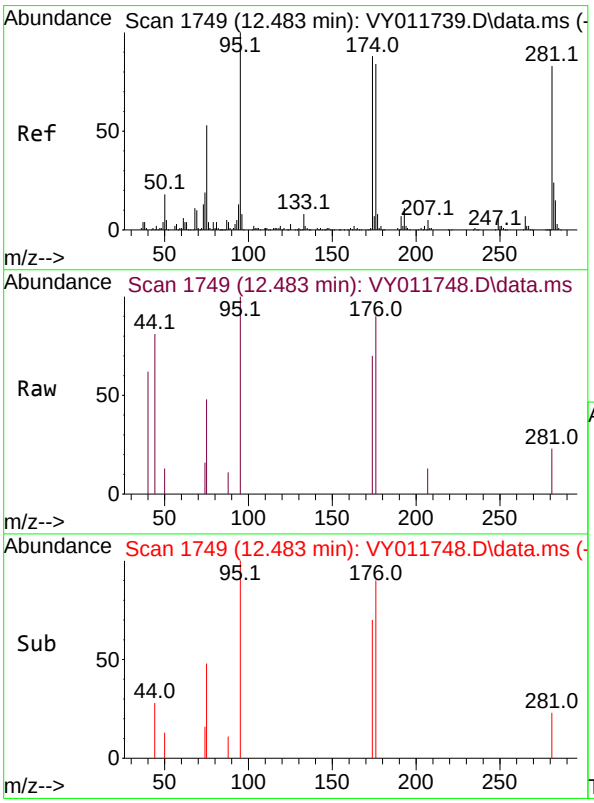
#50
Toluene-d8
Concen: 86.140 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011748.D
Acq: 09 Dec 2022 17:17

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 4198

Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.9	77.9

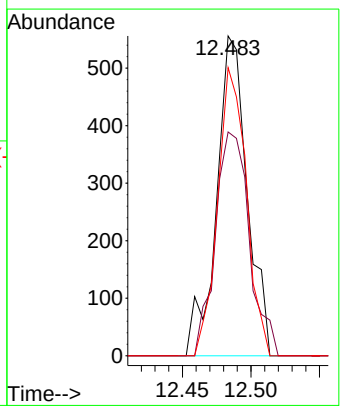


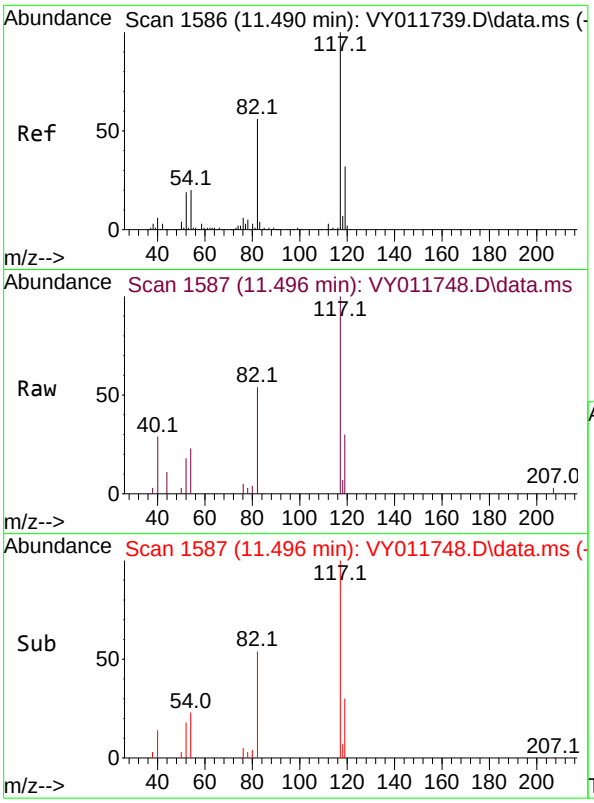


#62
4-Bromofluorobenzene
Concen: 41.370 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011748.D
Acq: 09 Dec 2022 17:17

Tgt Ion: 95 Resp: 866

Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	172.0
176	84.1	0.0	167.6



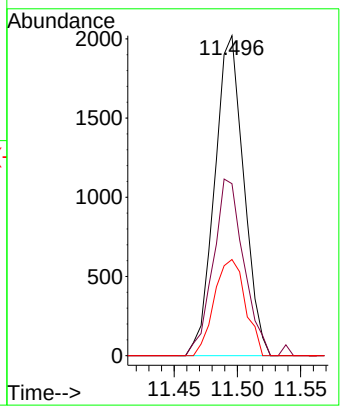


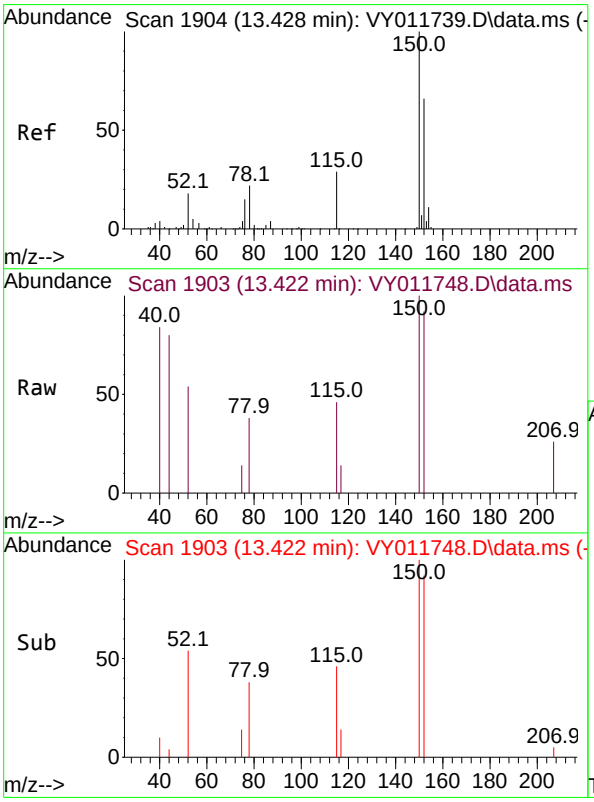
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY011748.D
Acq: 09 Dec 2022 17:17

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 3238

Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.8	67.2
119	30.0	25.4	38.2

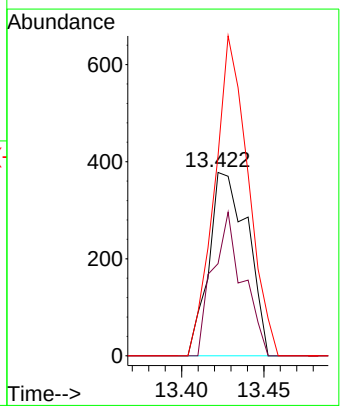


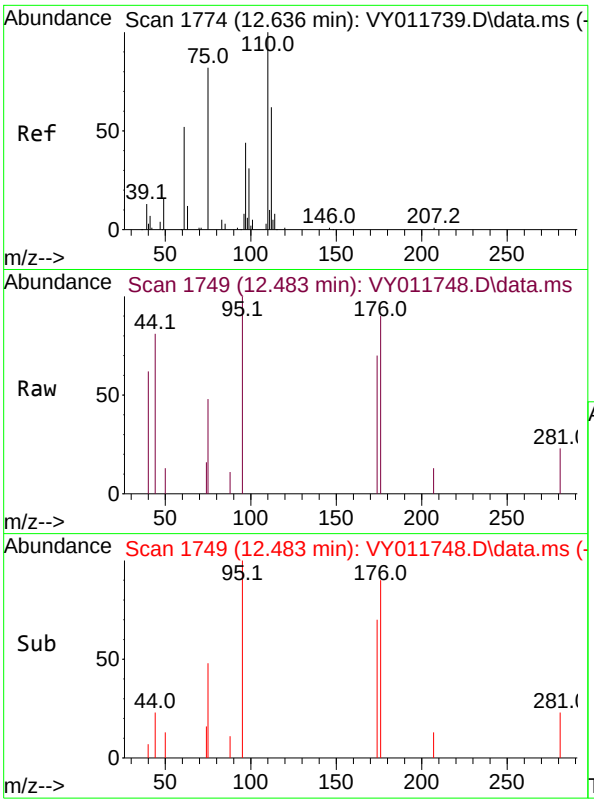


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY011748.D
Acq: 09 Dec 2022 17:17

Tgt Ion:152 Resp: 617

Ion	Ratio	Lower	Upper
152	100		
115	60.9	29.1	87.3
150	152.0	0.0	342.6



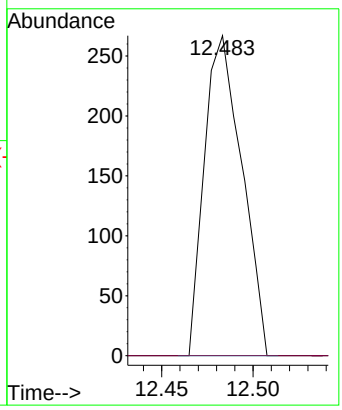


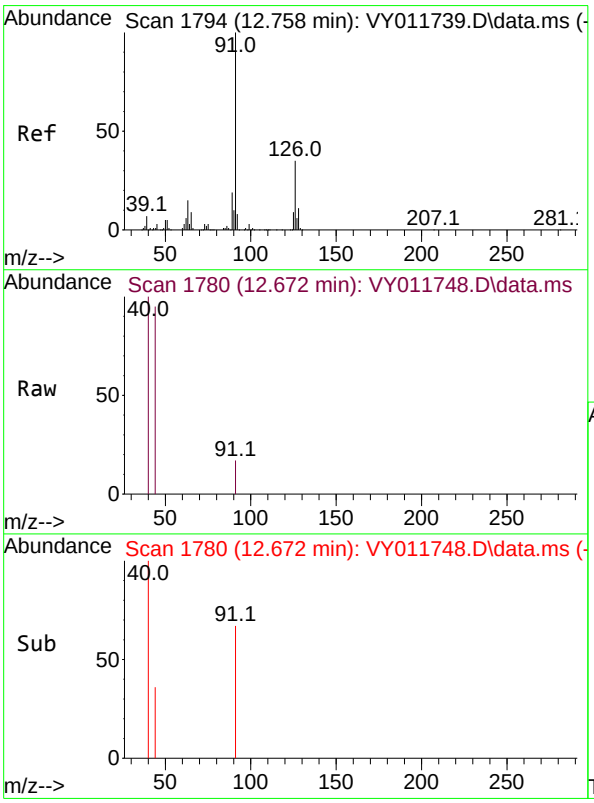
#76
1,2,3-Trichloropropane
Concen: 61.194 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.152 min
Lab File: VY011748.D
Acq: 09 Dec 2022 17:17

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 382

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

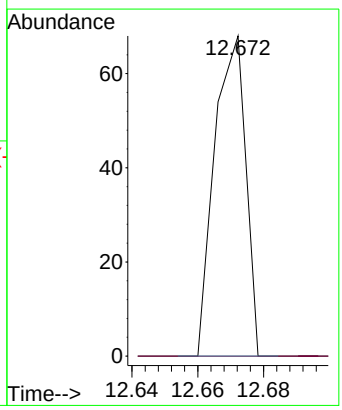


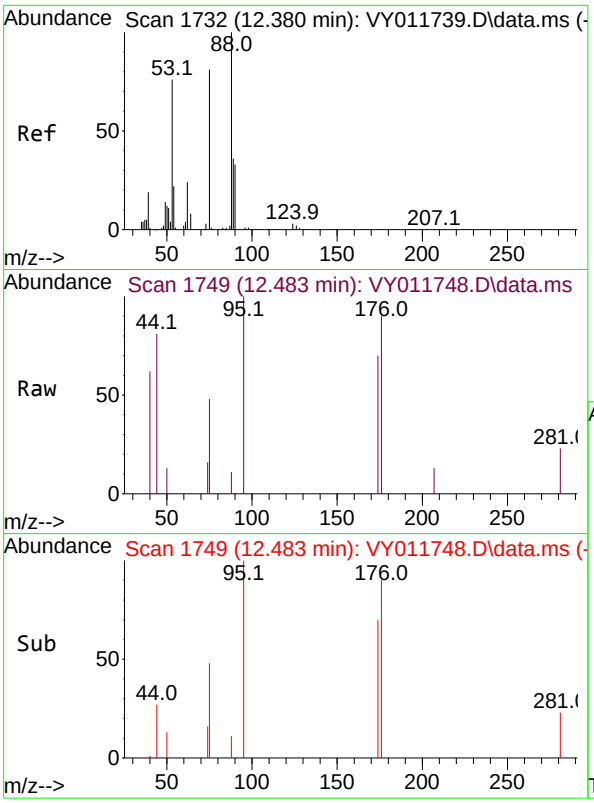


#79
2-Chlorotoluene
Concen: 1.646 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.085 min
Lab File: VY011748.D
Acq: 09 Dec 2022 17:17

Tgt Ion: 91 Resp: 45

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.2	51.5#



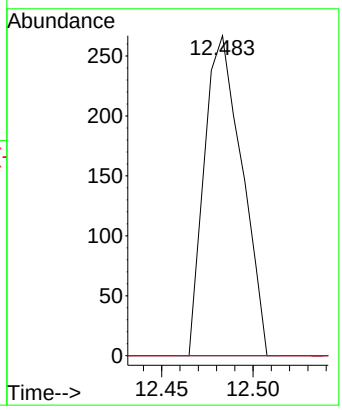


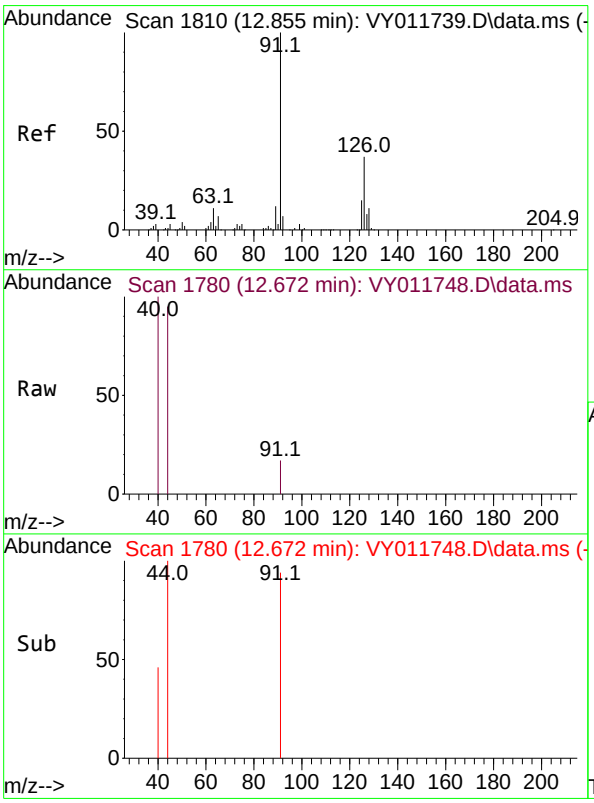
#81
trans-1,4-Dichloro-2-butene
Concen: 138.862 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY011748.D
Acq: 09 Dec 2022 17:17

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 382

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

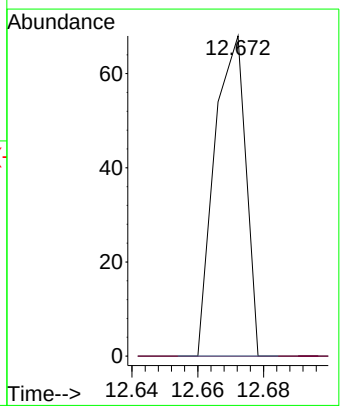


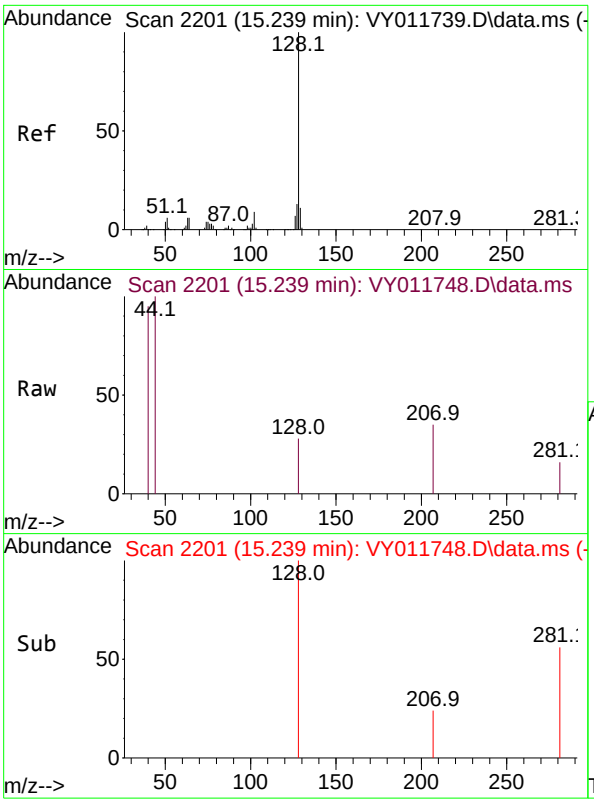


#82
4-Chlorotoluene
Concen: 1.587 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.183 min
Lab File: VY011748.D
Acq: 09 Dec 2022 17:17

Tgt Ion: 91 Resp: 45

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.1	51.2#





#95
Naphthalene
Concen: 6.232 ug/l
RT: 15.239 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY011748.D
Acq: 09 Dec 2022 17:17

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 119

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.8	13.2#