Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
Data File : VY010107.D
Acq On : 19 Aug 2022 16:41
Operator : KP/MD
Sample : N4228-01RE
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OK-03-081622RE

Quant Time: Aug 22 02:42:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 22 02:37:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	143712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	261109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	250245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	111925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	88150	74.885	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 149.780%			
35) Dibromofluoromethane	7.710	113	85456	58.082	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.160%			
50) Toluene-d8	10.173	98	306349	55.568	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.140%			
62) 4-Bromofluorobenzene	12.477	95	97163	49.327	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	1678	1.567	ug/l	88
16) Acetone	3.942	43	3562	12.090	ug/l #	88
20) Methylene Chloride	4.704	84	26863	9.487	ug/l	98
95) Naphthalene	15.233	128	12322	6.588	ug/l	98

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

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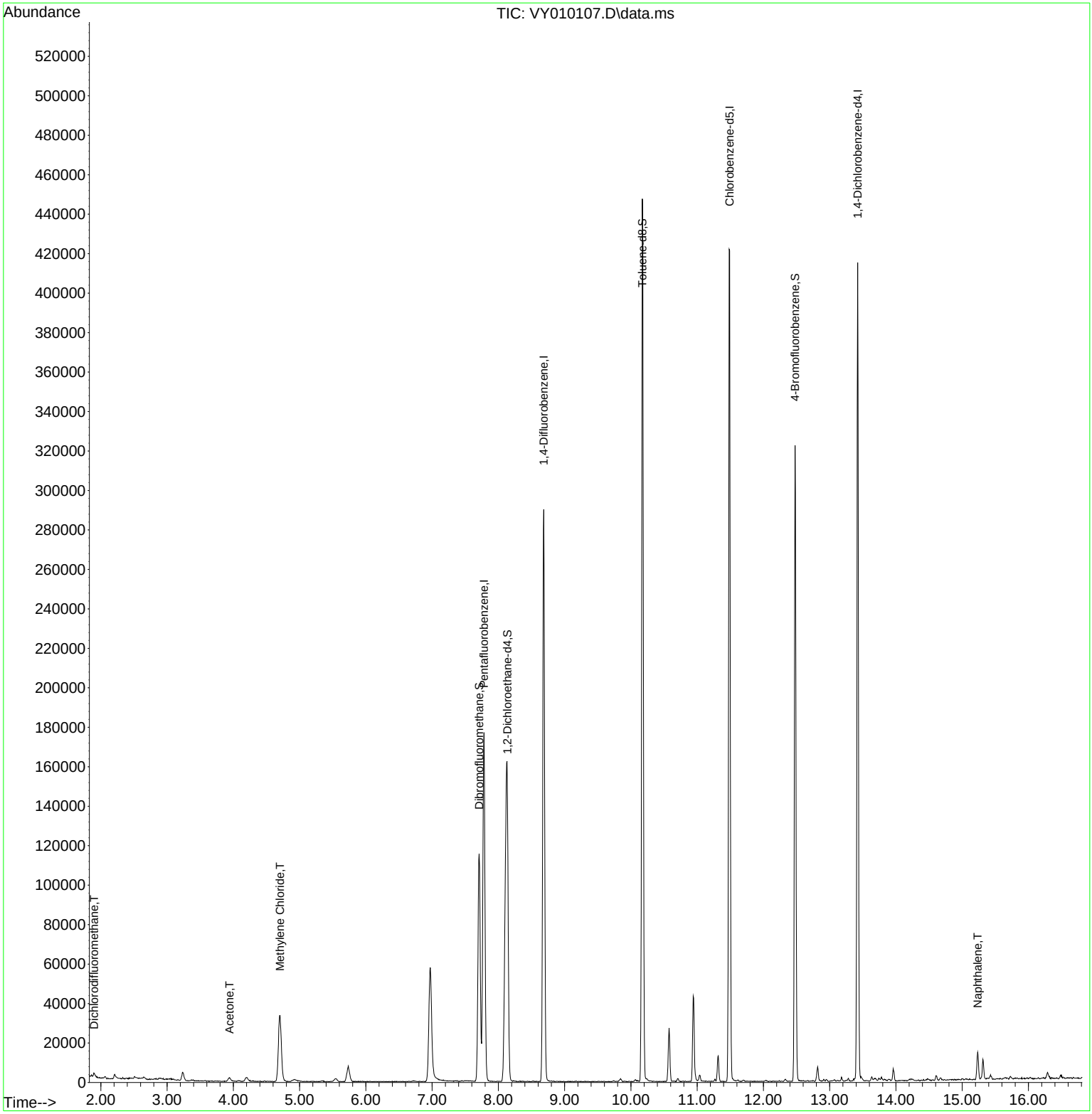
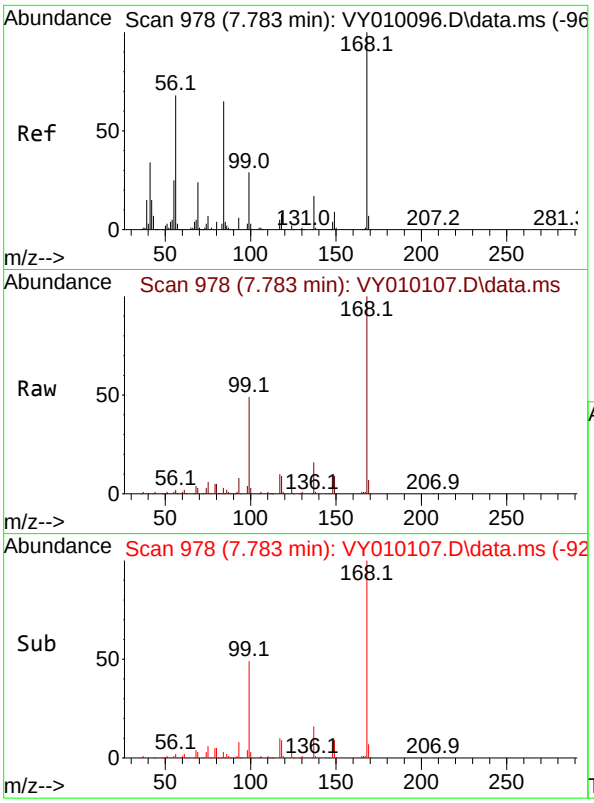


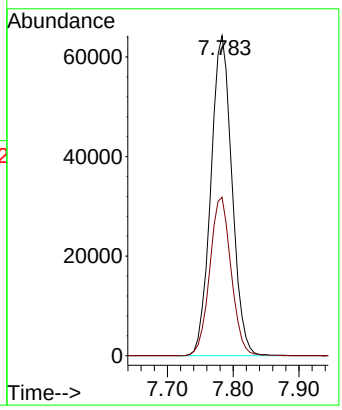


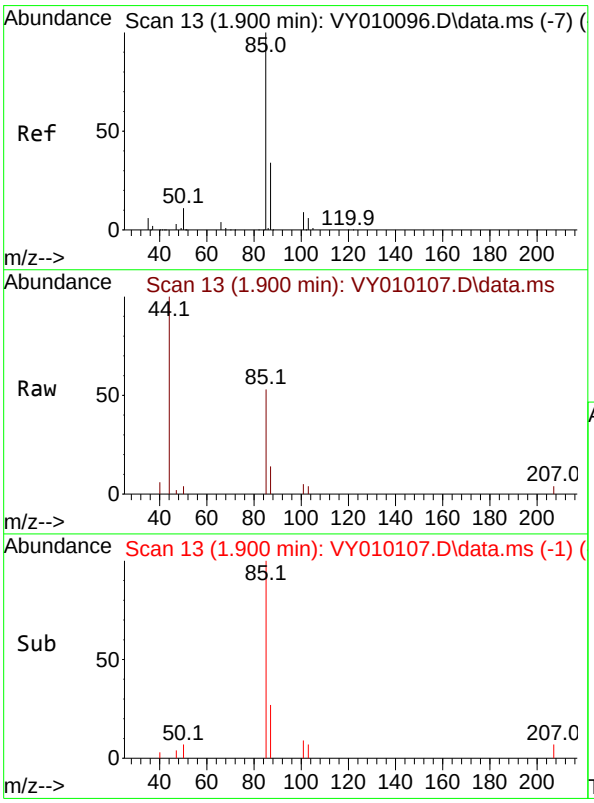
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY010107.D
Acq: 19 Aug 2022 16:41

Instrument :
MSVOA_Y
ClientSampleId :
OK-03-081622RE

Tgt Ion:168 Resp: 143712

Ion	Ratio	Lower	Upper
168	100		
99	49.5	40.7	61.1

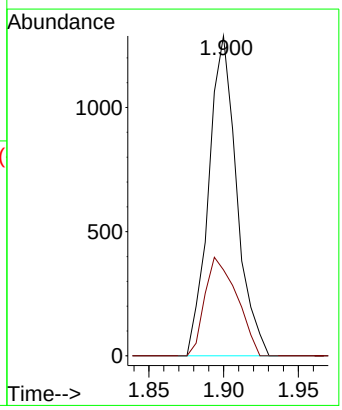


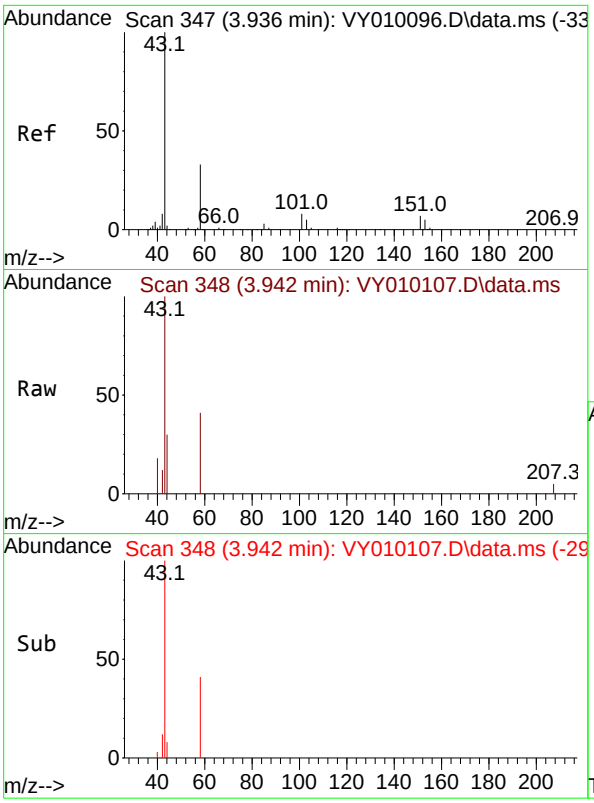


#2
Dichlorodifluoromethane
Concen: 1.567 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010107.D
Acq: 19 Aug 2022 16:41

Tgt Ion: 85 Resp: 1678

Ion	Ratio	Lower	Upper
85	100		
87	26.9	16.8	50.4



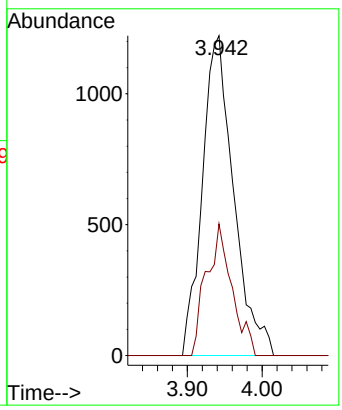


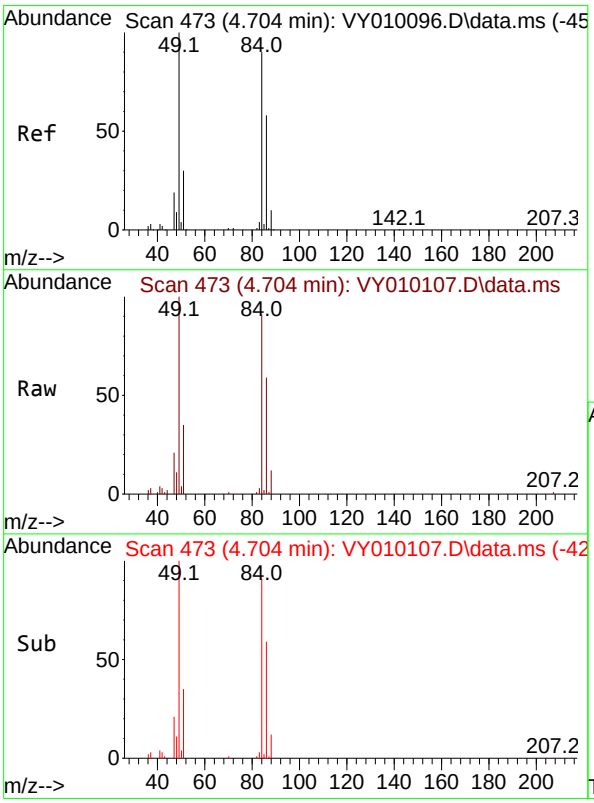
#16
Acetone
Concen: 12.090 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY010107.D
Acq: 19 Aug 2022 16:41

Instrument :
MSVOA_Y
ClientSampleId :
OK-03-081622RE

Tgt Ion: 43 Resp: 3562

Ion	Ratio	Lower	Upper
43	100		
58	41.2	27.4	41.0#

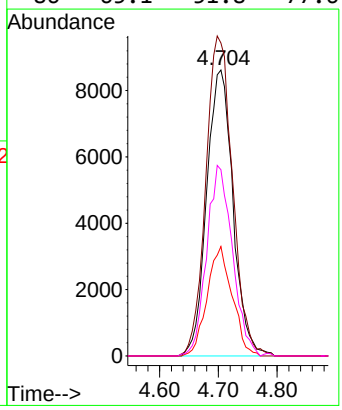


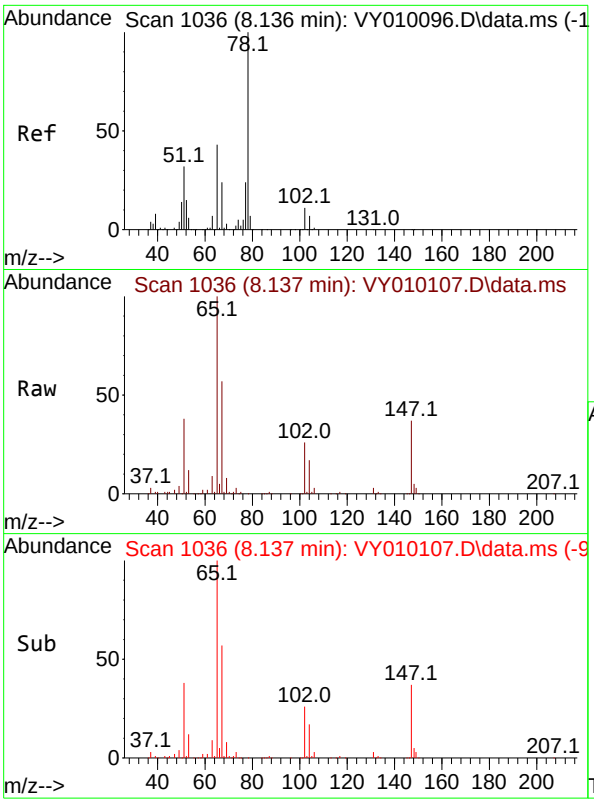


#20
Methylene Chloride
Concen: 9.487 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY010107.D
Acq: 19 Aug 2022 16:41

Tgt Ion: 84 Resp: 26863

Ion	Ratio	Lower	Upper
84	100		
49	109.5	89.0	133.4
51	38.3	27.0	40.6
86	65.1	51.8	77.6



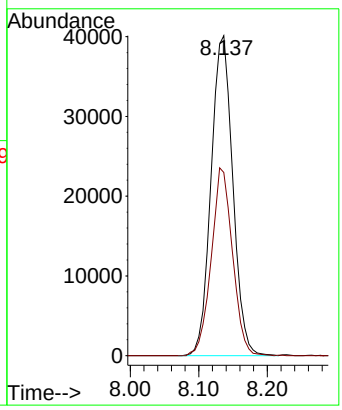


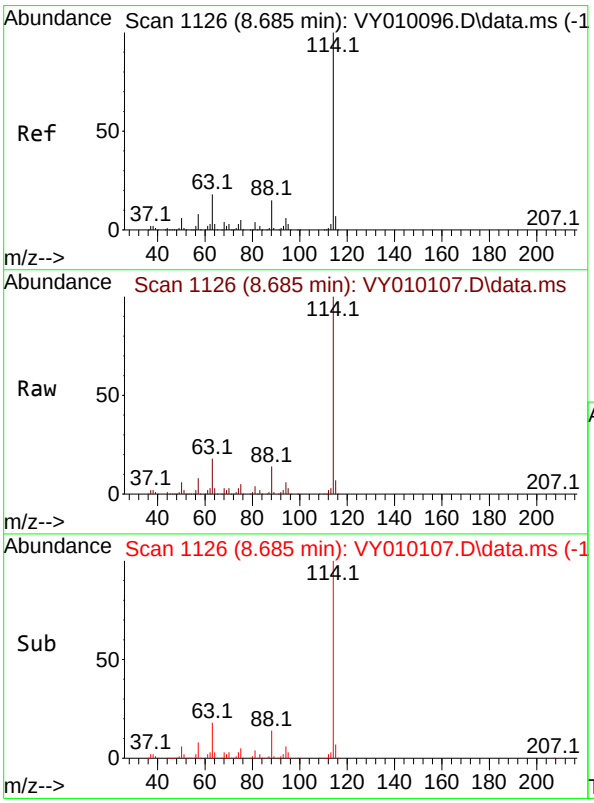
#33
1,2-Dichloroethane-d4
Concen: 74.885 ug/l
RT: 8.137 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY010107.D
Acq: 19 Aug 2022 16:41

Instrument :
MSVOA_Y
ClientSampleId :
OK-03-081622RE

Tgt Ion: 65 Resp: 88150

Ion	Ratio	Lower	Upper
65	100		
67	57.5	0.0	110.6

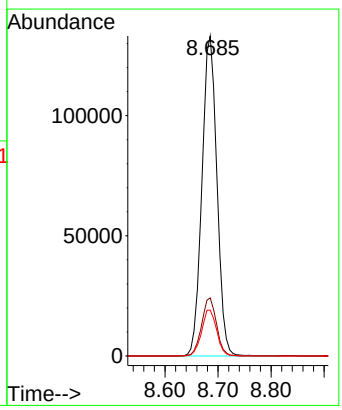


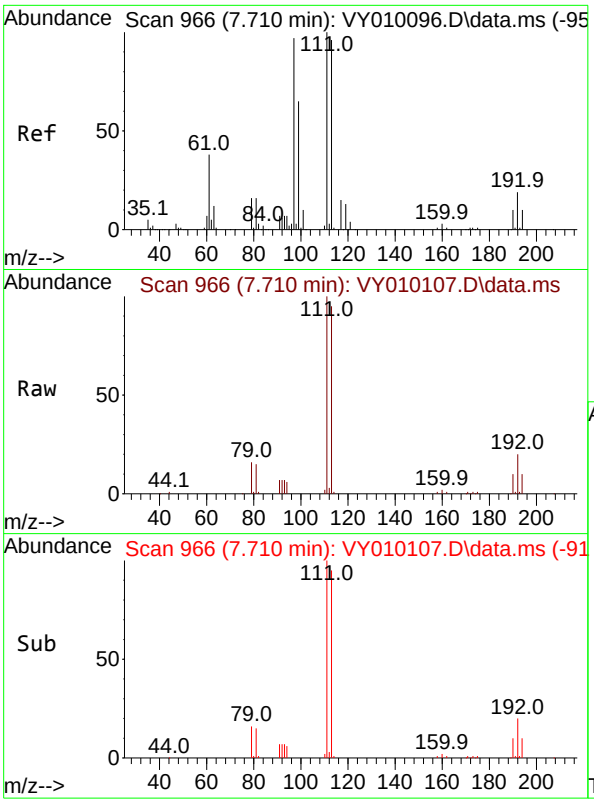


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010107.D
Acq: 19 Aug 2022 16:41

Tgt Ion:114 Resp: 261109

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	35.6
88	14.3	0.0	29.6



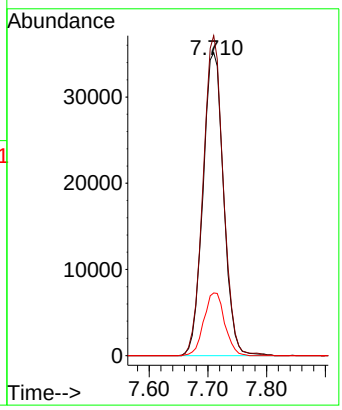


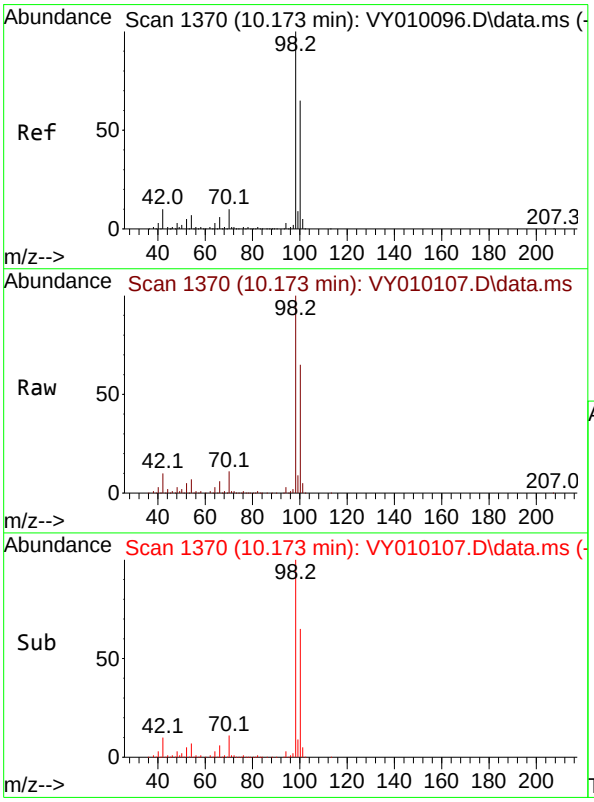
#35
Dibromofluoromethane
Concen: 58.082 ug/l
RT: 7.710 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY010107.D
Acq: 19 Aug 2022 16:41

Instrument :
MSVOA_Y
ClientSampleId :
OK-03-081622RE

Tgt Ion:113 Resp: 85456

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.8	124.2
192	20.9	16.3	24.5

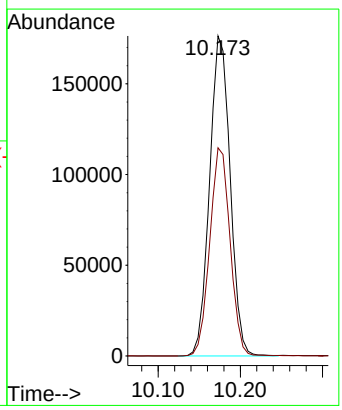


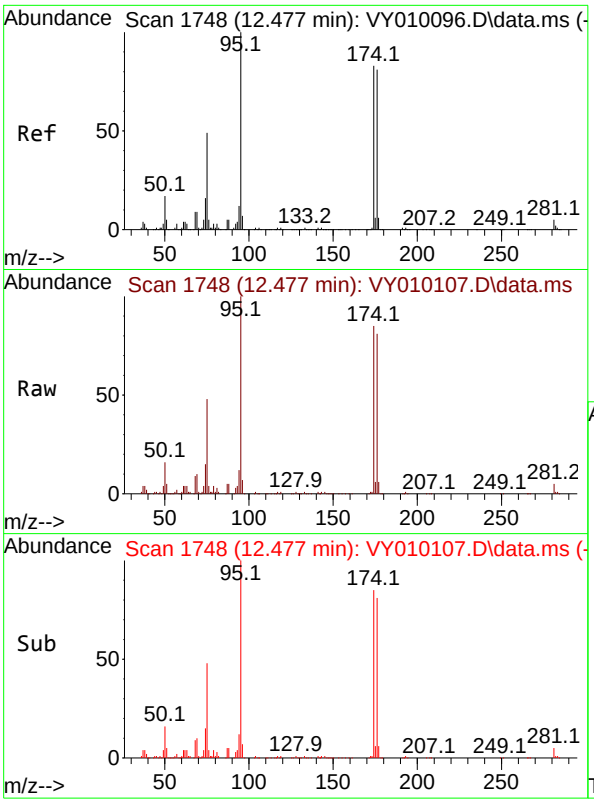


#50
Toluene-d8
Concen: 55.568 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY010107.D
Acq: 19 Aug 2022 16:41

Tgt Ion: 98 Resp: 306349

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.9	77.9



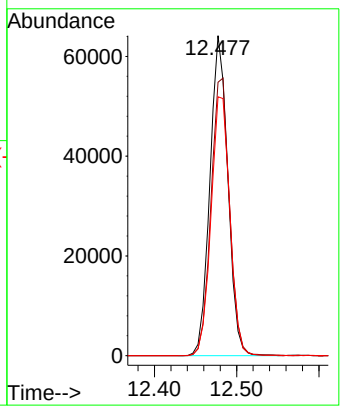


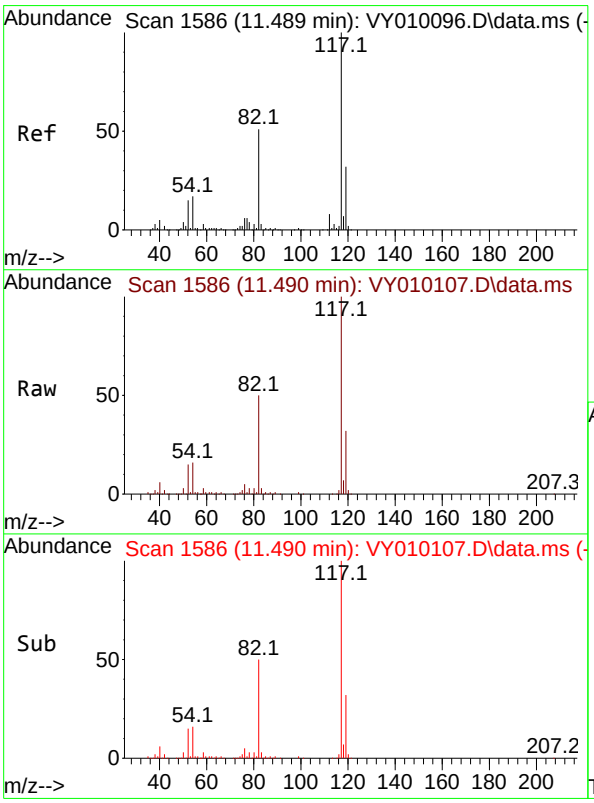
#62
4-Bromofluorobenzene
Concen: 49.327 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY010107.D
Acq: 19 Aug 2022 16:41

Instrument :
MSVOA_Y
ClientSampleId :
OK-03-081622RE

Tgt Ion: 95 Resp: 97163

Ion	Ratio	Lower	Upper
95	100		
174	90.1	0.0	173.8
176	85.1	0.0	167.2

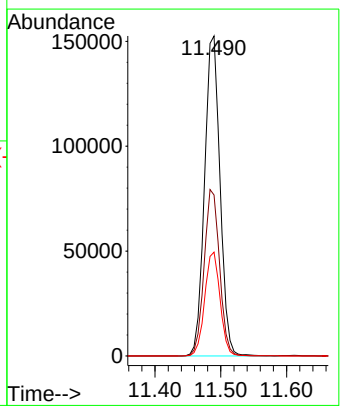


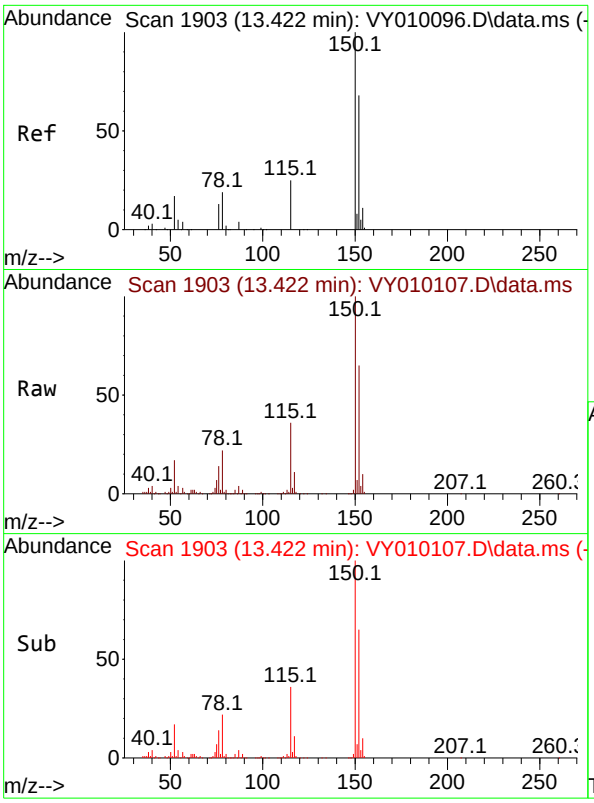


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010107.D
Acq: 19 Aug 2022 16:41

Tgt Ion:117 Resp: 250245

Ion	Ratio	Lower	Upper
117	100		
82	50.3	40.6	61.0
119	32.5	25.8	38.8



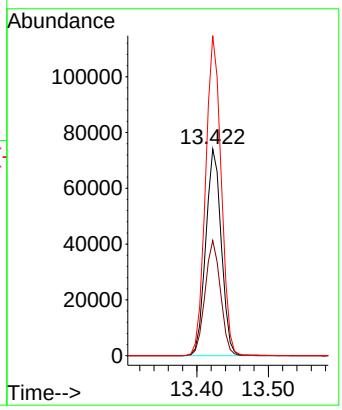


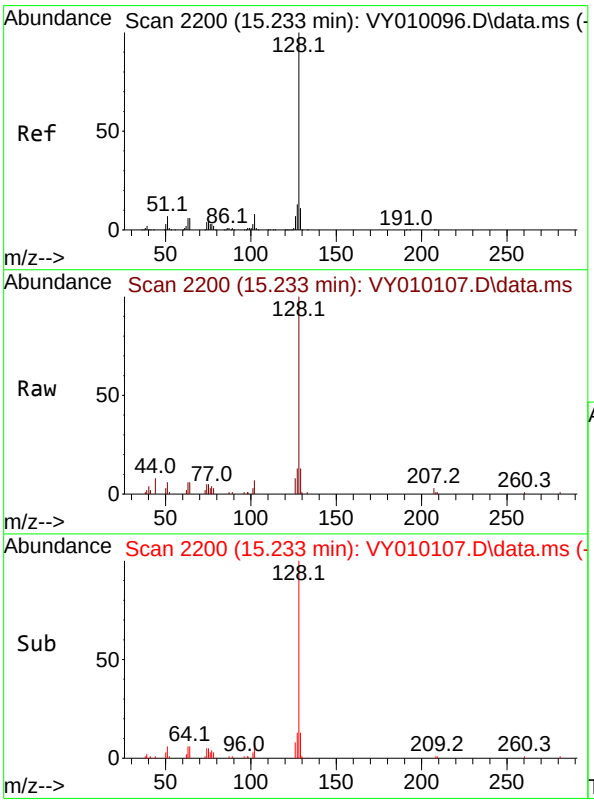
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY010107.D
Acq: 19 Aug 2022 16:41

Instrument :
MSVOA_Y
ClientSampleId :
OK-03-081622RE

Tgt Ion:152 Resp: 111925

Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.1	84.2
150	155.4	0.0	346.2





#95
Naphthalene
Concen: 6.588 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY010107.D
Acq: 19 Aug 2022 16:41

Tgt Ion:128 Resp: 12322

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.9	8.9	13.3