Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100224\
Data File : VY019771.D
Acq On : 02 Oct 2024 17:42
Operator : SY/MD
Sample : P4254-02
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-147-SLUDGE-VOC

Quant Time: Oct 03 02:07:22 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	7.713	168	21142	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	35584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	24453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	5278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	9872	50.426	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.860%			
35) Dibromofluoromethane	7.640	113	10841	53.734	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.460%			
50) Toluene-d8	10.103	98	39087	52.378	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.760%			
62) 4-Bromofluorobenzene	12.402	95	8511	29.662	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 59.320%			
Target Compounds						Qvalue
16) Acetone	3.860	43	3008	64.495	ug/l #	85
20) Methylene Chloride	4.623	84	1907	8.966	ug/l #	61
73) Isopropylbenzene	12.249	105	4660	12.170	ug/l	97
78) n-propylbenzene	12.591	91	781	1.721	ug/l	86

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

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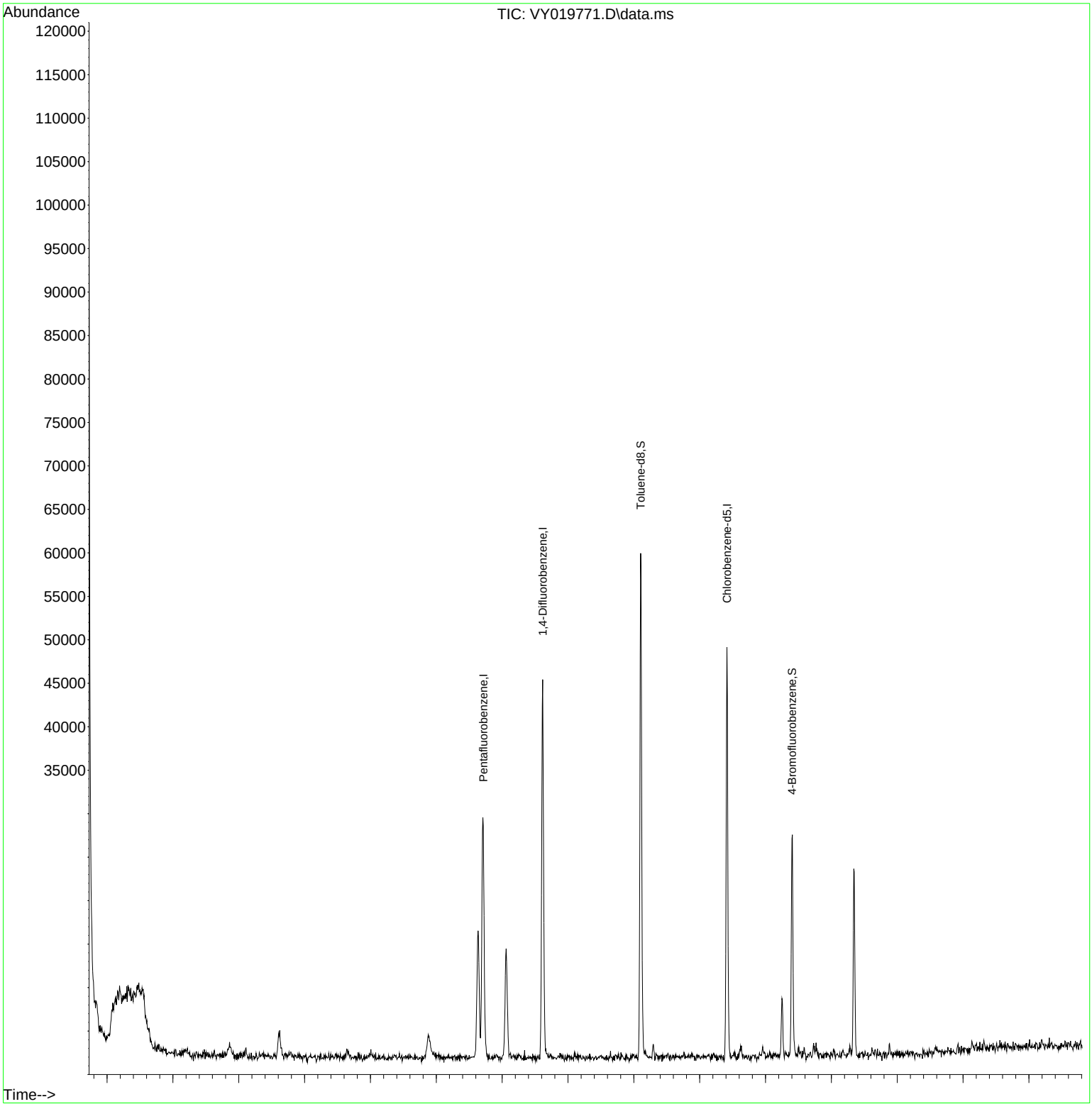
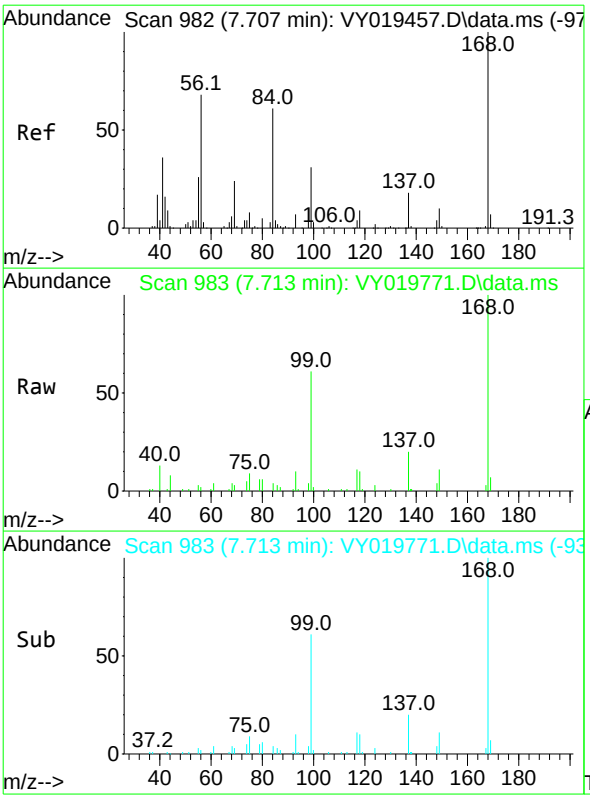


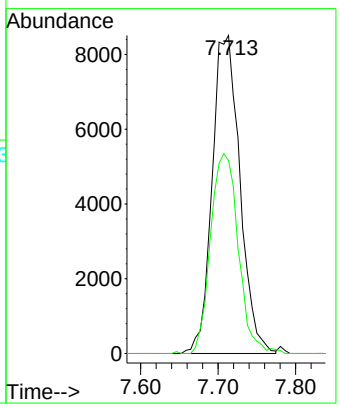


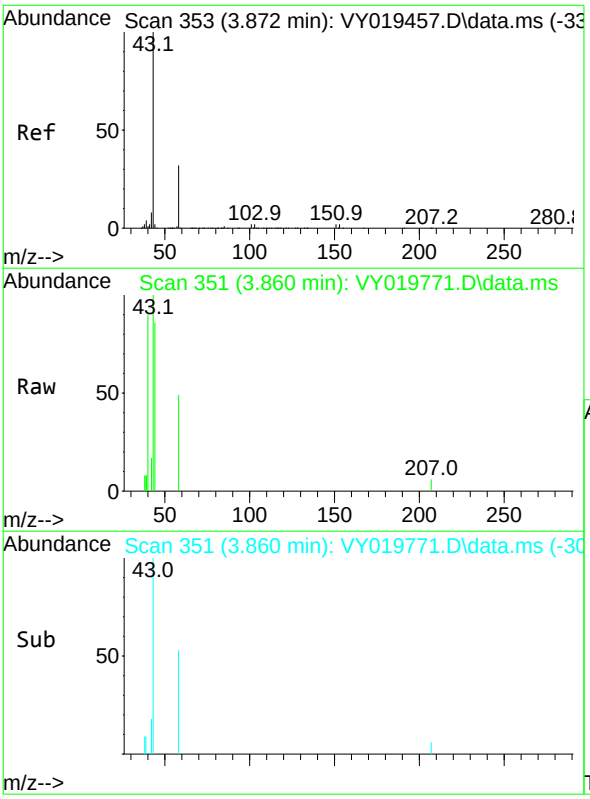
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY019771.D
Acq: 02 Oct 2024 17:42

Instrument :
MSVOA_Y
ClientSampleId :
MH-147-SLUDGE-VOC

Tgt Ion:168 Resp: 21142

Ion	Ratio	Lower	Upper
168	100		
99	60.1	39.1	58.7#

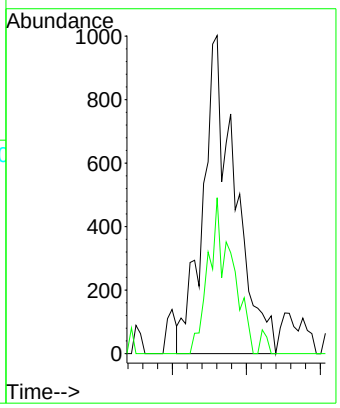


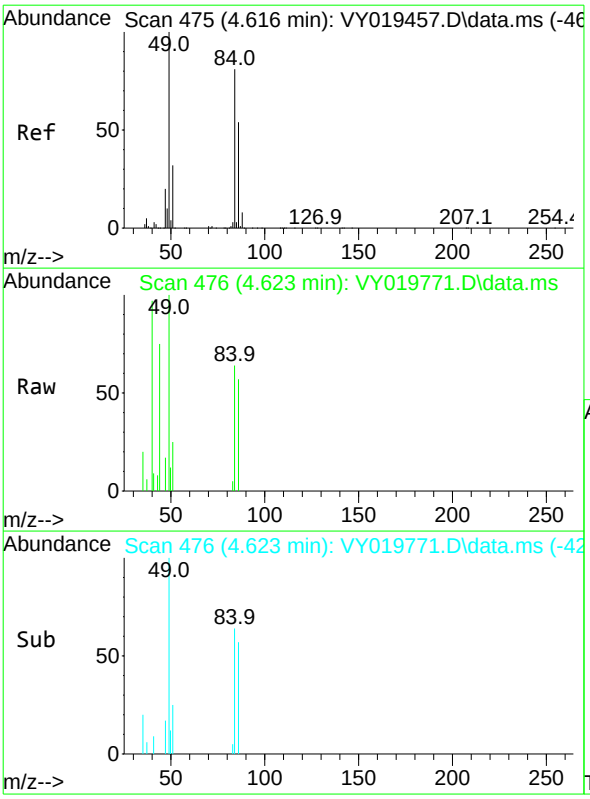


#16
Acetone
Concen: 64.495 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY019771.D
Acq: 02 Oct 2024 17:42

Tgt Ion: 43 Resp: 3008

Ion	Ratio	Lower	Upper
43	100		
58	49.0	31.7	47.5#



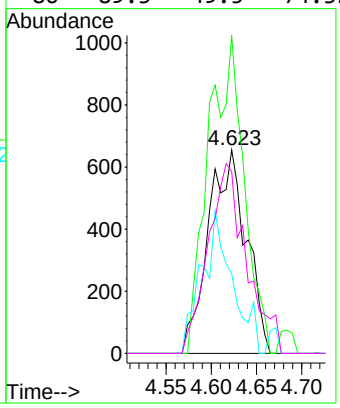


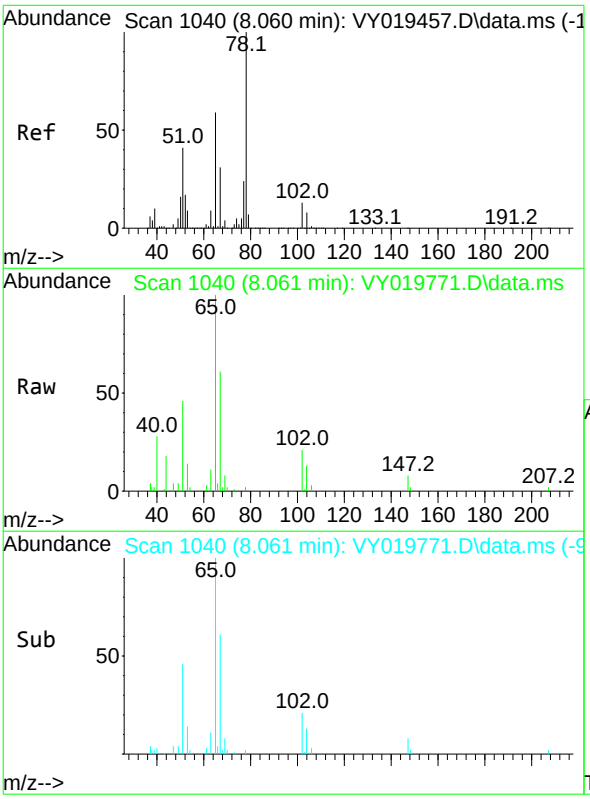
#20
Methylene Chloride
Concen: 8.966 ug/l
RT: 4.623 min Scan# 47
Delta R.T. 0.007 min
Lab File: VY019771.D
Acq: 02 Oct 2024 17:42

Instrument :
MSVOA_Y
ClientSampleId :
MH-147-SLUDGE-VOC

Tgt Ion: 84 Resp: 1907

Ion	Ratio	Lower	Upper
84	100		
49	156.3	84.4	126.6#
51	39.2	26.0	39.0#
86	89.3	49.5	74.3#

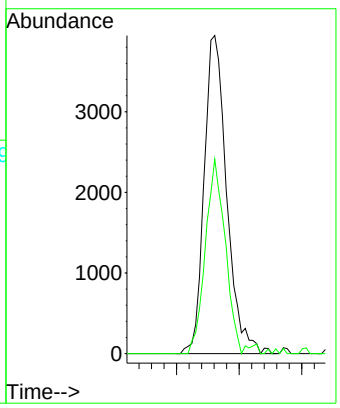


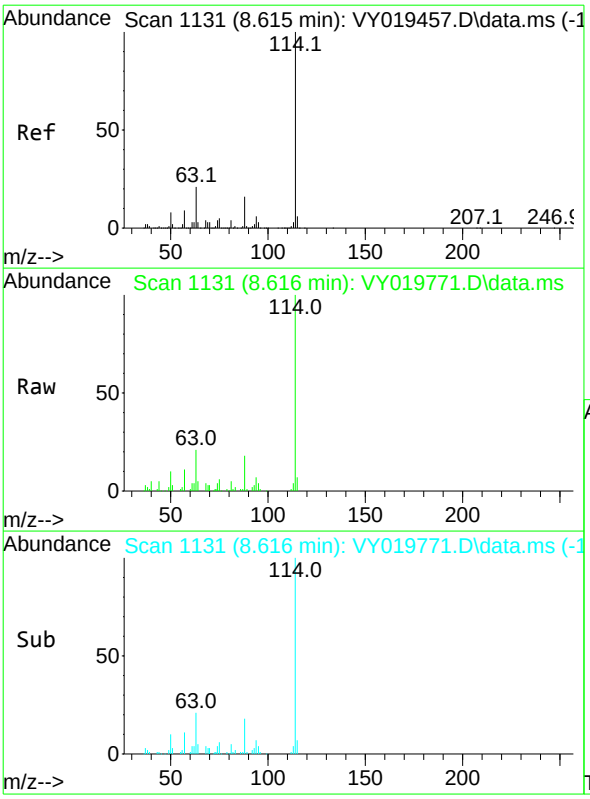


#33
1,2-Dichloroethane-d4
Concen: 50.426 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019771.D
Acq: 02 Oct 2024 17:42

Tgt Ion: 65 Resp: 9872

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	109.6



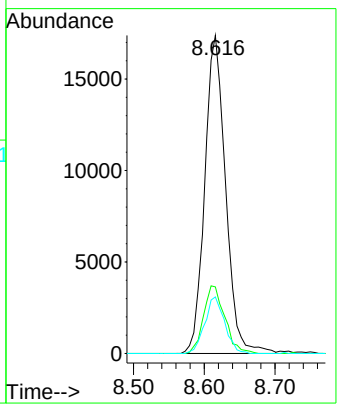


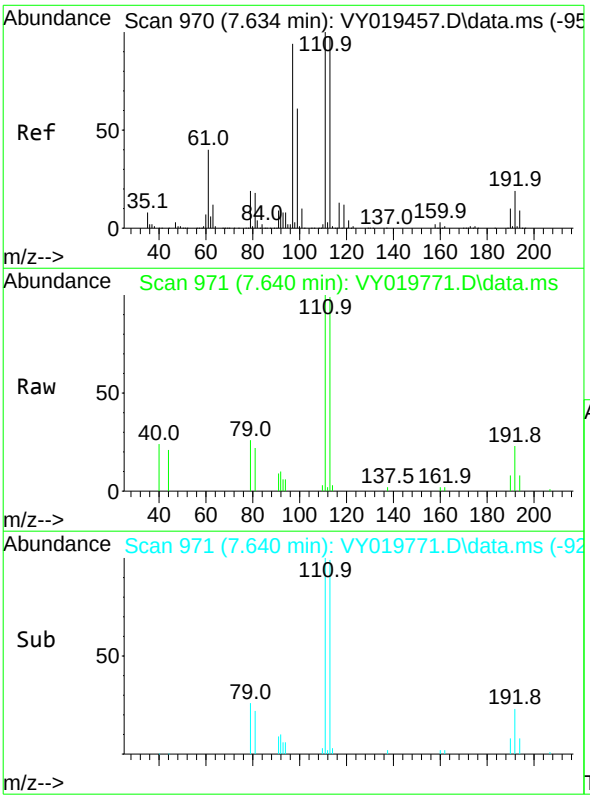
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019771.D
Acq: 02 Oct 2024 17:42

Instrument :
MSVOA_Y
ClientSampleId :
MH-147-SLUDGE-VOC

Tgt Ion:114 Resp: 35584

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	35.0
88	17.8	0.0	27.2

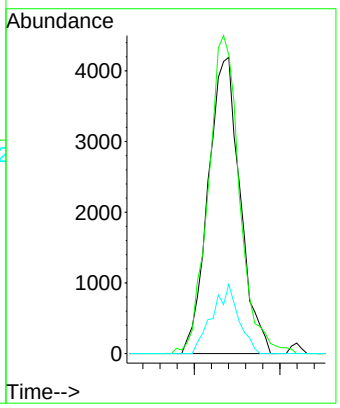


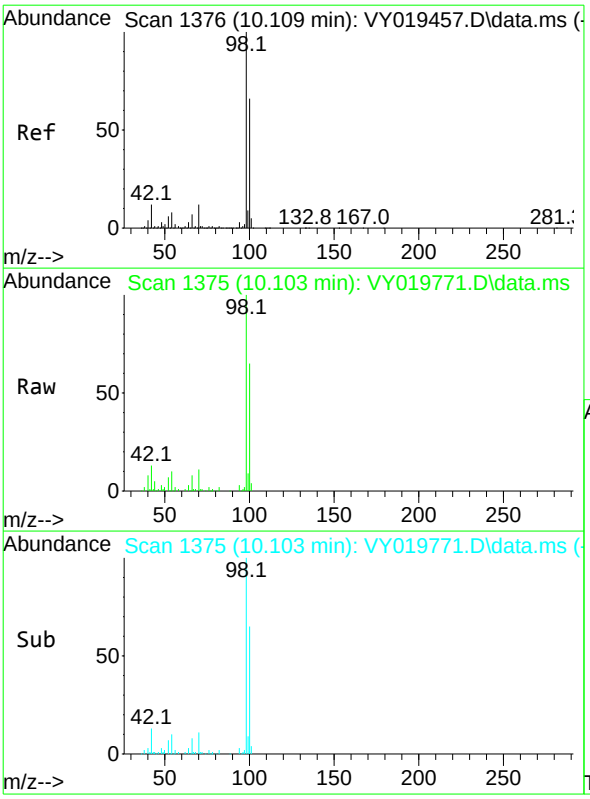


#35
Dibromofluoromethane
Concen: 53.734 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.007 min
Lab File: VY019771.D
Acq: 02 Oct 2024 17:42

Tgt Ion:113 Resp: 10841

Ion	Ratio	Lower	Upper
113	100		
111	105.1	82.2	123.4
192	19.2	15.9	23.9



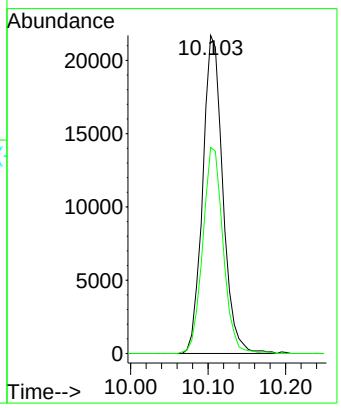


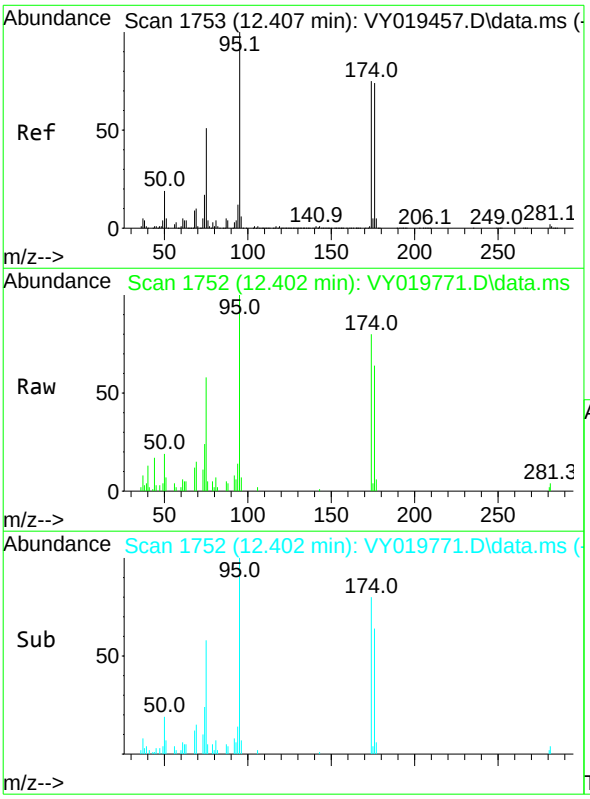
#50
Toluene-d8
Concen: 52.378 ug/l
RT: 10.103 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY019771.D
Acq: 02 Oct 2024 17:42

Instrument :
MSVOA_Y
ClientSampleId :
MH-147-SLUDGE-VOC

Tgt Ion: 98 Resp: 39087

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.0	78.0

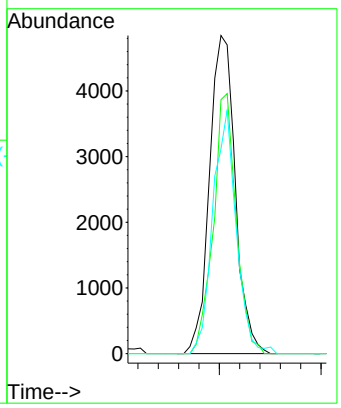


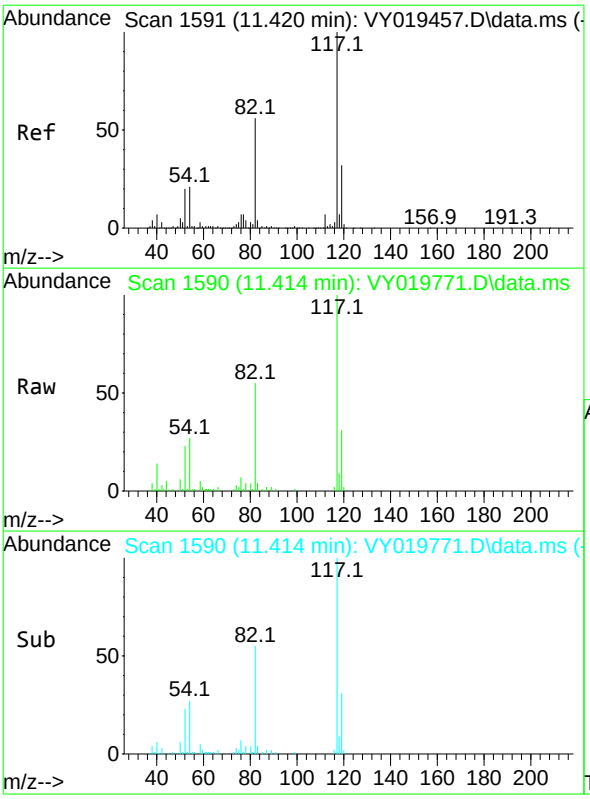


#62
4-Bromofluorobenzene
Concen: 29.662 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019771.D
Acq: 02 Oct 2024 17:42

Tgt Ion: 95 Resp: 8511

Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	175.6
176	69.6	0.0	171.4



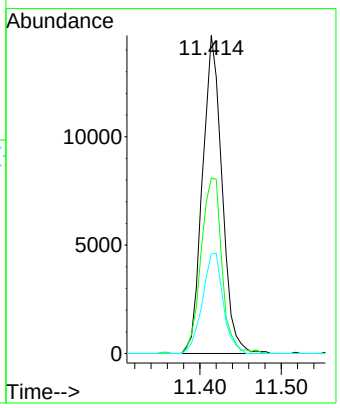


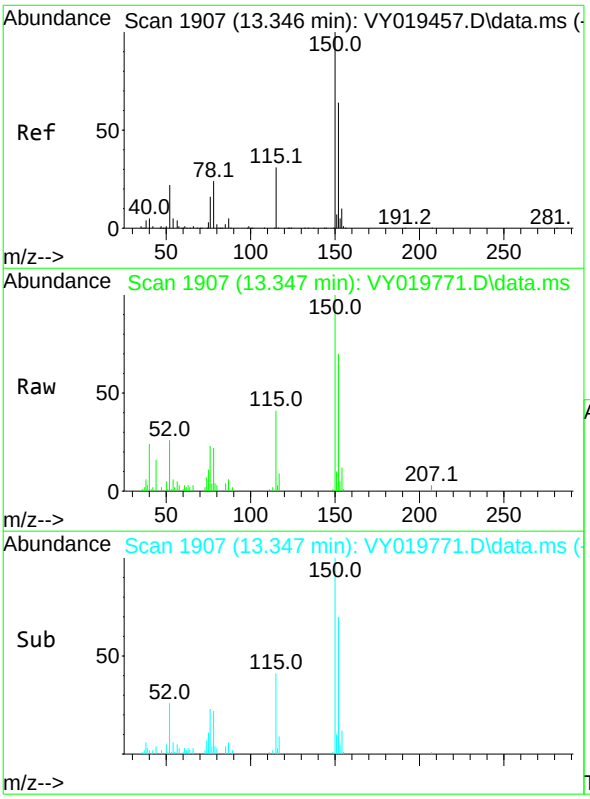
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 15
Delta R.T. -0.006 min
Lab File: VY019771.D
Acq: 02 Oct 2024 17:42

Instrument :
MSVOA_Y
ClientSampleId :
MH-147-SLUDGE-VOC

Tgt Ion:117 Resp: 24453

Ion	Ratio	Lower	Upper
117	100		
82	55.2	42.4	63.6
119	31.2	25.9	38.9

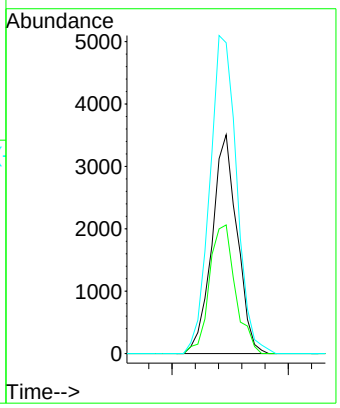


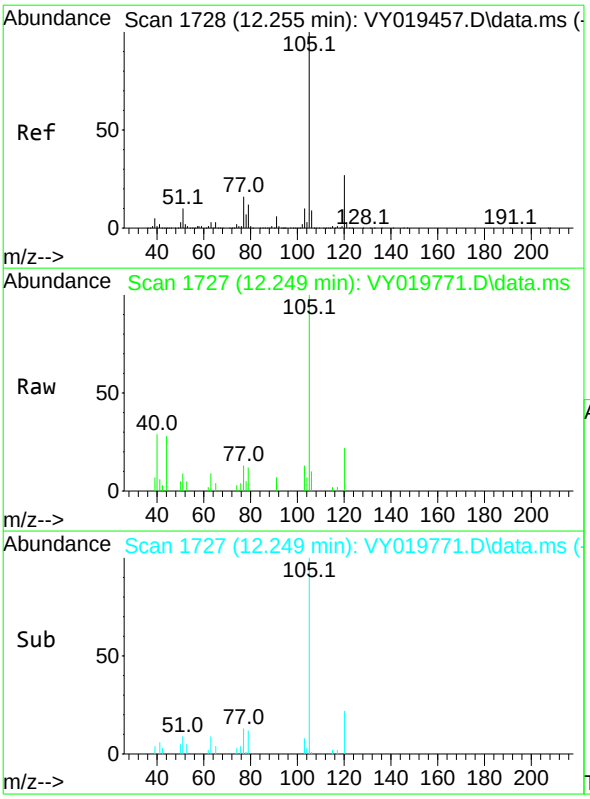


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019771.D
Acq: 02 Oct 2024 17:42

Tgt Ion:152 Resp: 5278

Ion	Ratio	Lower	Upper
152	100		
115	60.6	28.2	84.7
150	155.5	0.0	345.6



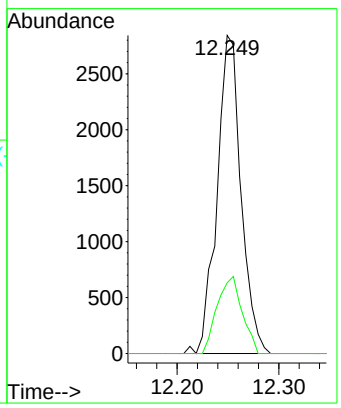


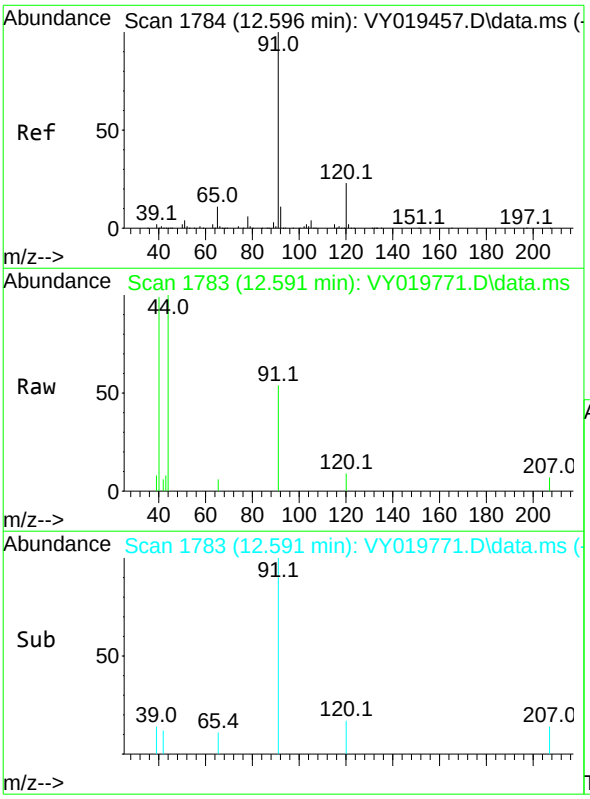
#73
Isopropylbenzene
Concen: 12.170 ug/l
RT: 12.249 min Scan# 17
Delta R.T. -0.006 min
Lab File: VY019771.D
Acq: 02 Oct 2024 17:42

Instrument :
MSVOA_Y
ClientSampleId :
MH-147-SLUDGE-VOC

Tgt Ion:105 Resp: 4660

Ion	Ratio	Lower	Upper
105	100		
120	25.2	13.4	40.1





#78
n-propylbenzene
Concen: 1.721 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY019771.D
Acq: 02 Oct 2024 17:42

Tgt Ion: 91 Resp: 781

Ion	Ratio	Lower	Upper
91	100		
120	16.1	11.5	34.4