Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
Data File : VY013584.D
Acq On : 03 May 2023 16:11
Operator : KP/MD
Sample : 02573-02
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-240

Quant Time: May 04 01:21:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	15107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	25418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	25638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	10340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	14808	89.417	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 178.840%#			
35) Dibromofluoromethane	7.710	113	10591	66.249	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 132.500%			
50) Toluene-d8	10.179	98	31320	55.072	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.140%			
62) 4-Bromofluorobenzene	12.477	95	9456	49.320	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.640%			
Target Compounds						Qvalue
13) Acrolein	3.753	56	26	Below Cal	#	2
16) Acetone	3.936	43	1016	15.579	ug/l #	86
20) Methylene Chloride	4.716	84	1862	1.222	ug/l	93
96) 1,2,3-Trichlorobenzene	15.434	180	792	4.572	ug/l	88

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

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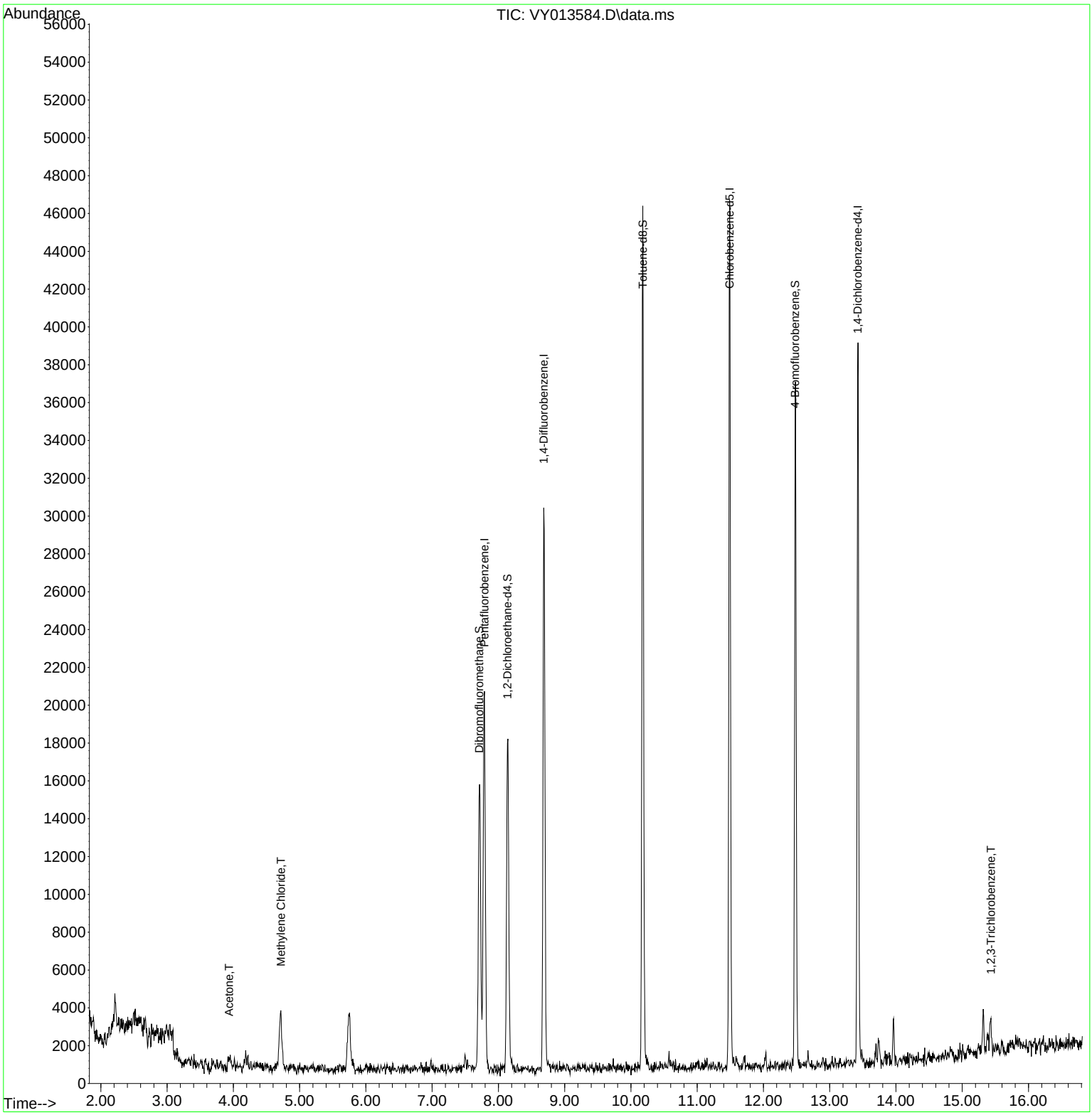
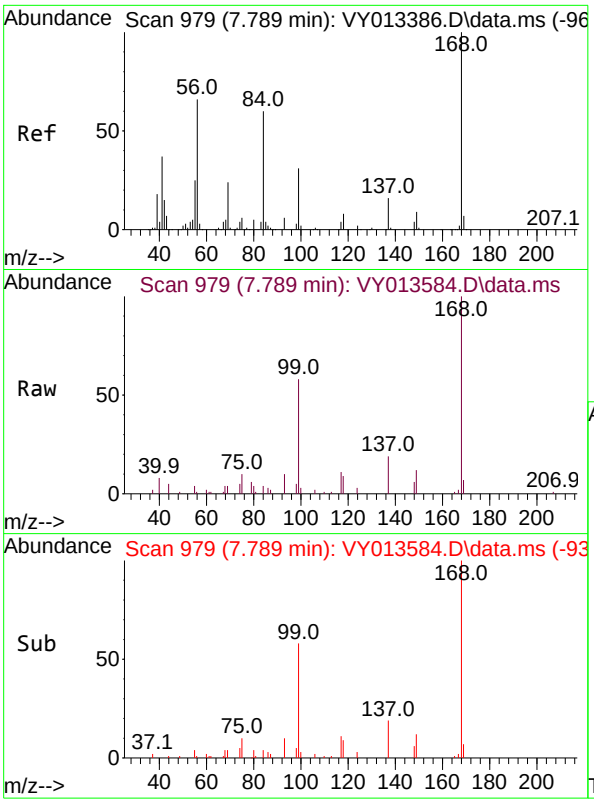


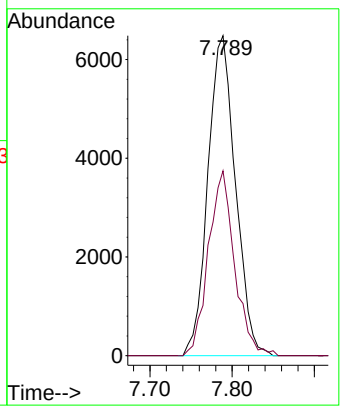


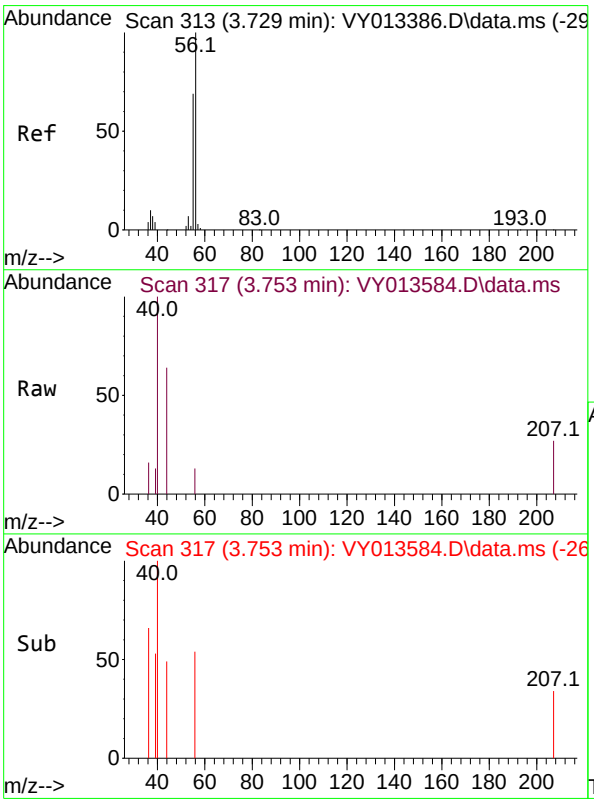
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY013584.D
Acq: 03 May 2023 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-240

Tgt Ion:168 Resp: 15107

Ion	Ratio	Lower	Upper
168	100		
99	57.8	41.8	62.6

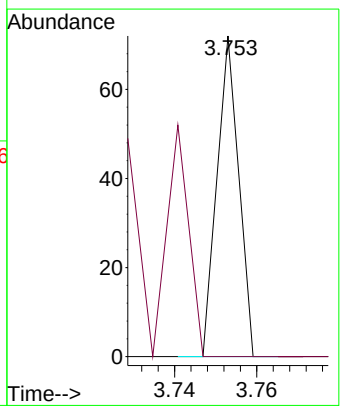


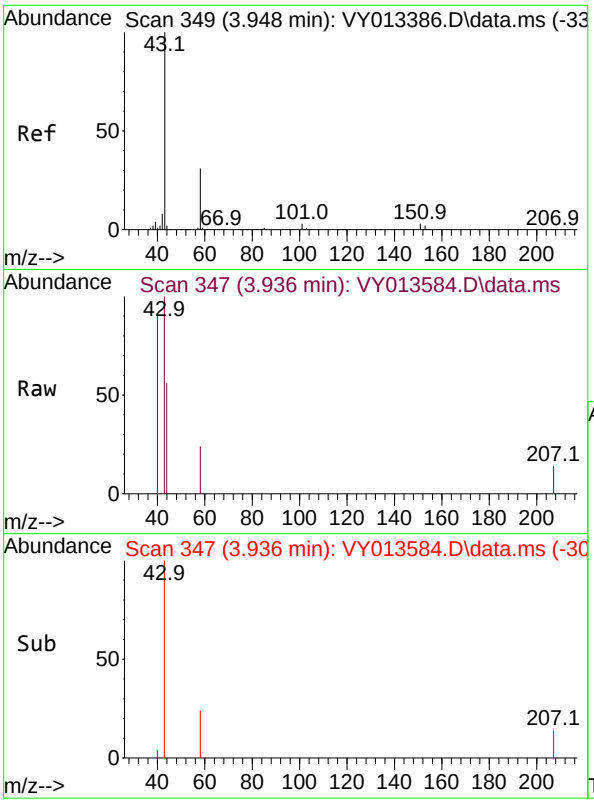


#13
Acrolein
Concen: Below Cal
RT: 3.753 min Scan# 317
Delta R.T. 0.024 min
Lab File: VY013584.D
Acq: 03 May 2023 16:11

Tgt Ion: 56 Resp: 26

Ion	Ratio	Lower	Upper
56	100		
55	146.2	54.1	81.1#



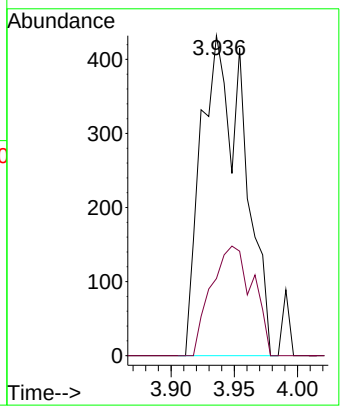


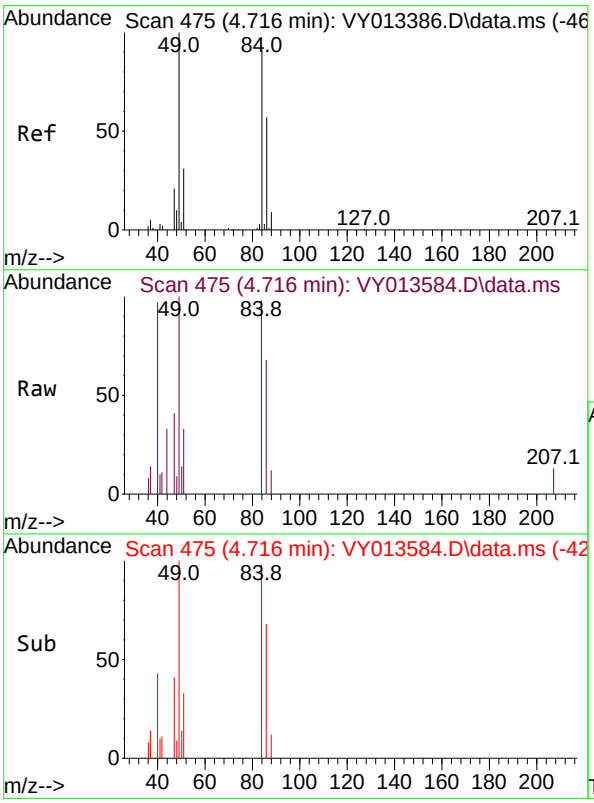
#16
Acetone
Concen: 15.579 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY013584.D
Acq: 03 May 2023 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-240

Tgt Ion: 43 Resp: 1016

Ion	Ratio	Lower	Upper
43	100		
58	24.1	25.4	38.0#

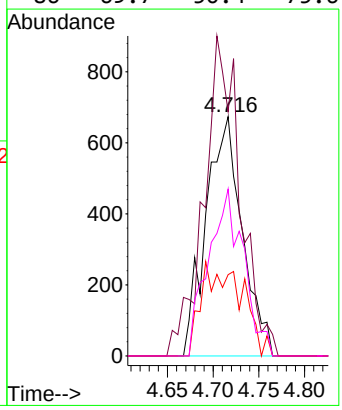


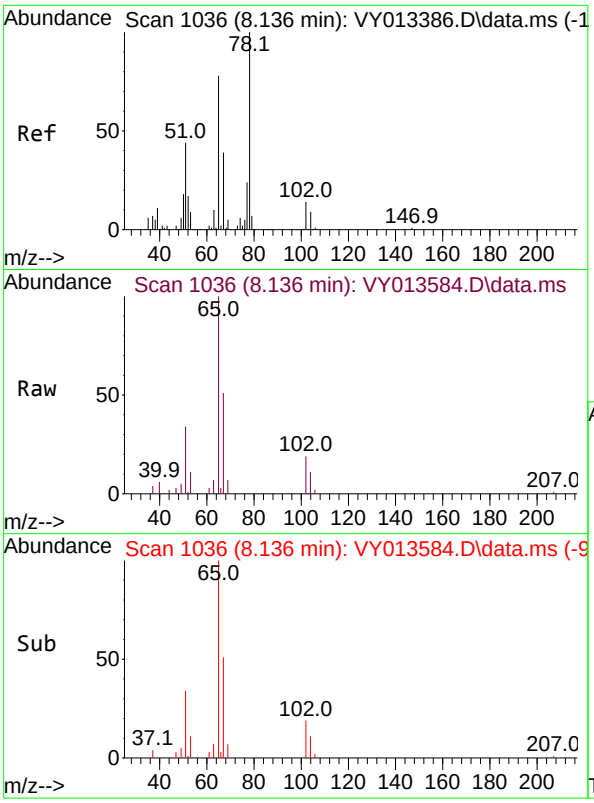


#20
Methylene Chloride
Concen: 1.222 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013584.D
Acq: 03 May 2023 16:11

Tgt Ion: 84 Resp: 1862

Ion	Ratio	Lower	Upper
84	100		
49	102.1	88.0	132.0
51	34.0	27.4	41.0
86	69.7	50.4	75.6



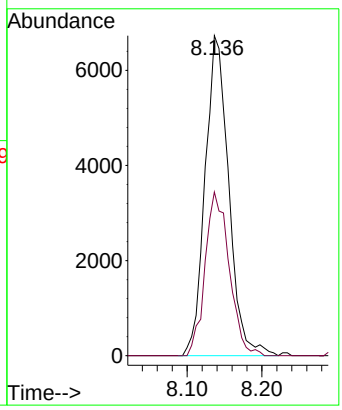


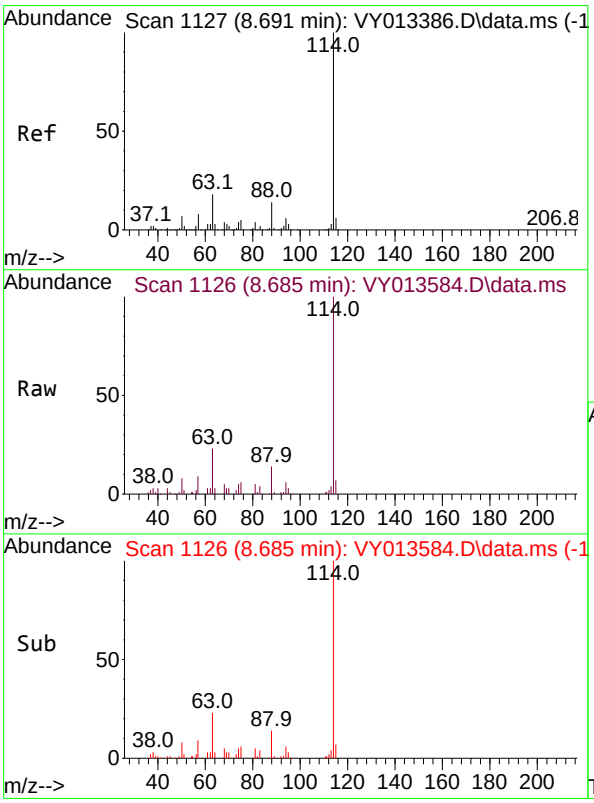
#33
1,2-Dichloroethane-d4
Concen: 89.417 ug/l
RT: 8.136 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY013584.D
Acq: 03 May 2023 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-240

Tgt Ion: 65 Resp: 14808

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.4

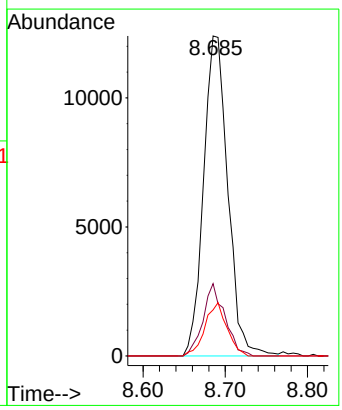


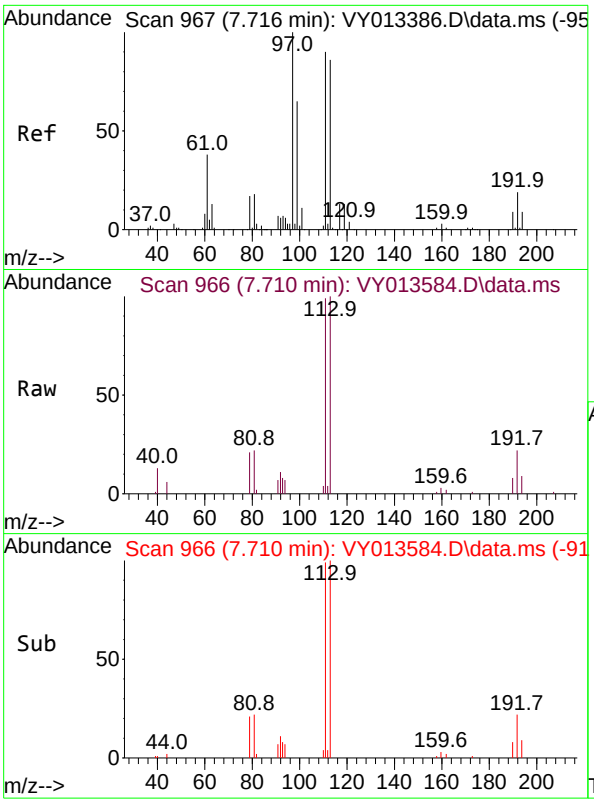


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013584.D
Acq: 03 May 2023 16:11

Tgt Ion:114 Resp: 25418

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	36.6
88	14.4	0.0	28.8



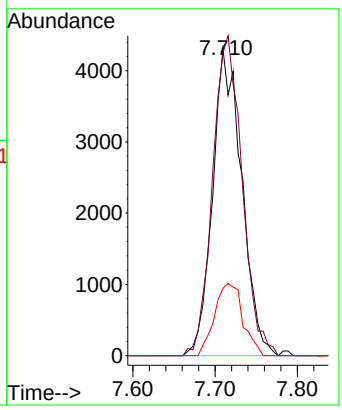


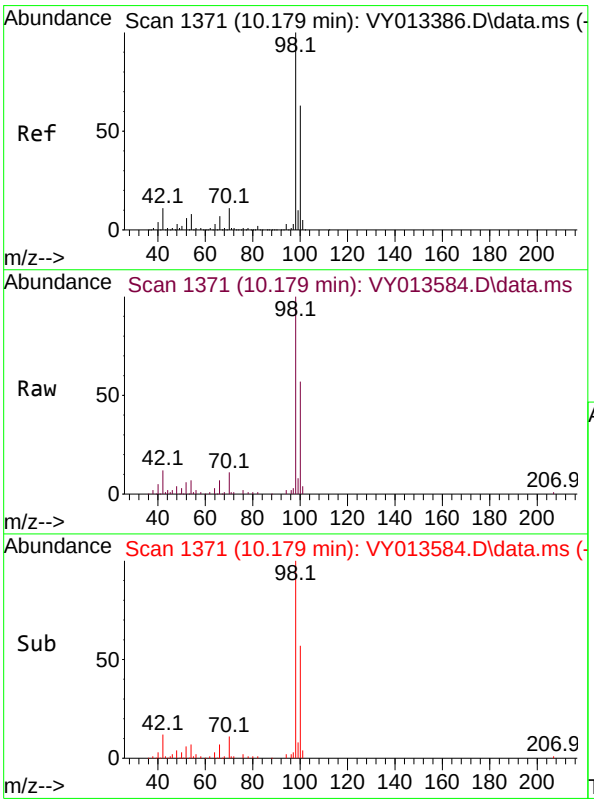
#35
Dibromofluoromethane
Concen: 66.249 ug/l
RT: 7.710 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY013584.D
Acq: 03 May 2023 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-240

Tgt Ion:113 Resp: 10591

Ion	Ratio	Lower	Upper
113	100		
111	105.2	82.2	123.2
192	22.8	16.7	25.1

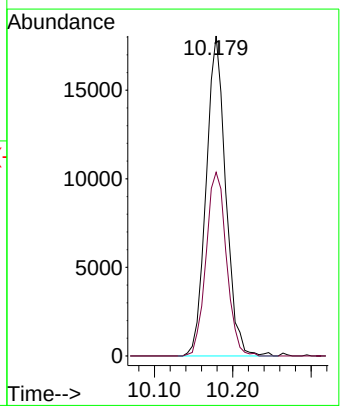


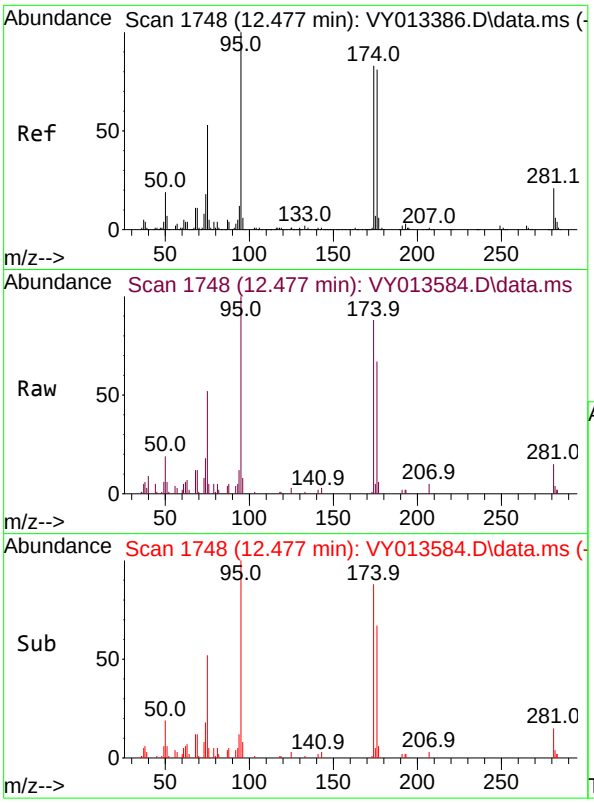


#50
Toluene-d8
Concen: 55.072 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013584.D
Acq: 03 May 2023 16:11

Tgt Ion: 98 Resp: 31320

Ion	Ratio	Lower	Upper
98	100		
100	59.8	50.5	75.7



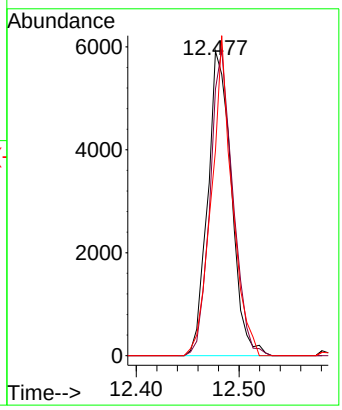


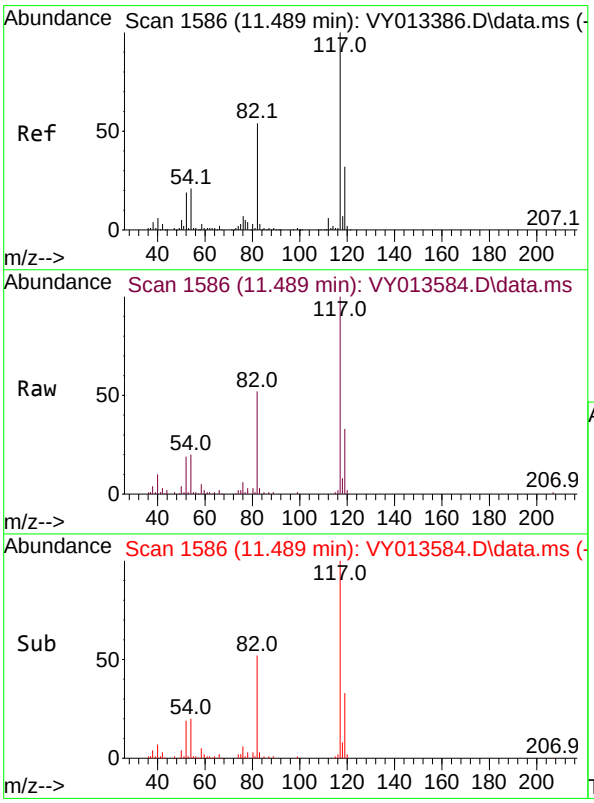
#62
4-Bromofluorobenzene
Concen: 49.320 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY013584.D
Acq: 03 May 2023 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-240

Tgt Ion: 95 Resp: 9456

Ion	Ratio	Lower	Upper
95	100		
174	96.6	0.0	182.0
176	91.2	0.0	175.4

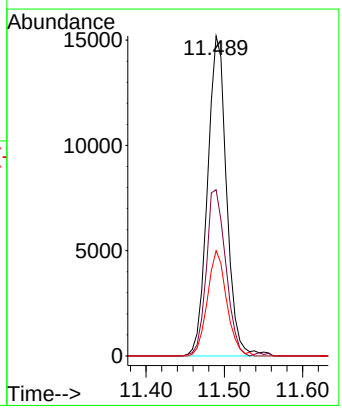


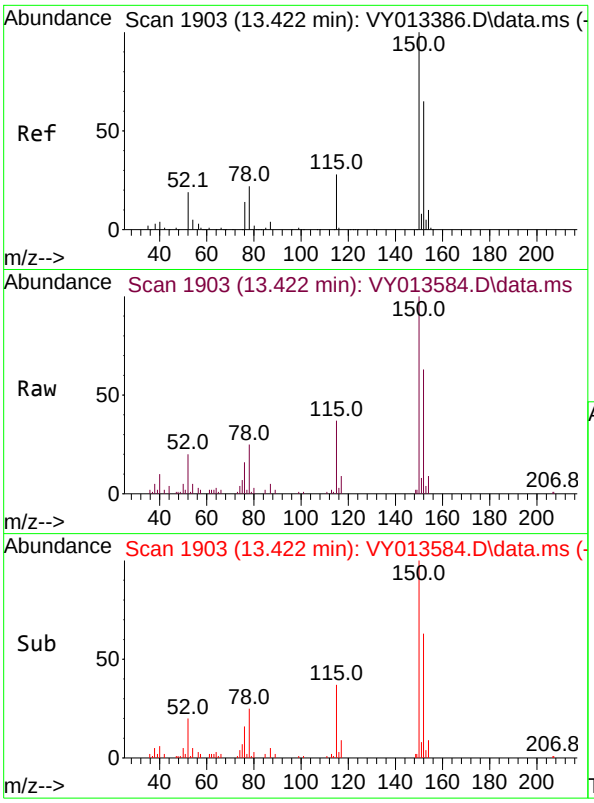


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013584.D
Acq: 03 May 2023 16:11

Tgt Ion:117 Resp: 25638

Ion	Ratio	Lower	Upper
117	100		
82	52.0	43.0	64.6
119	32.9	25.5	38.3



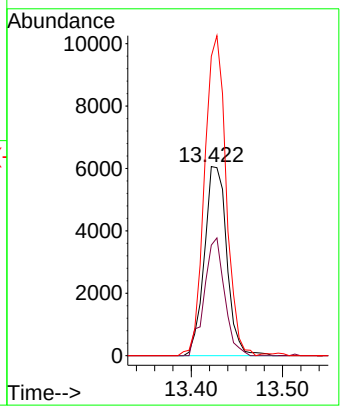


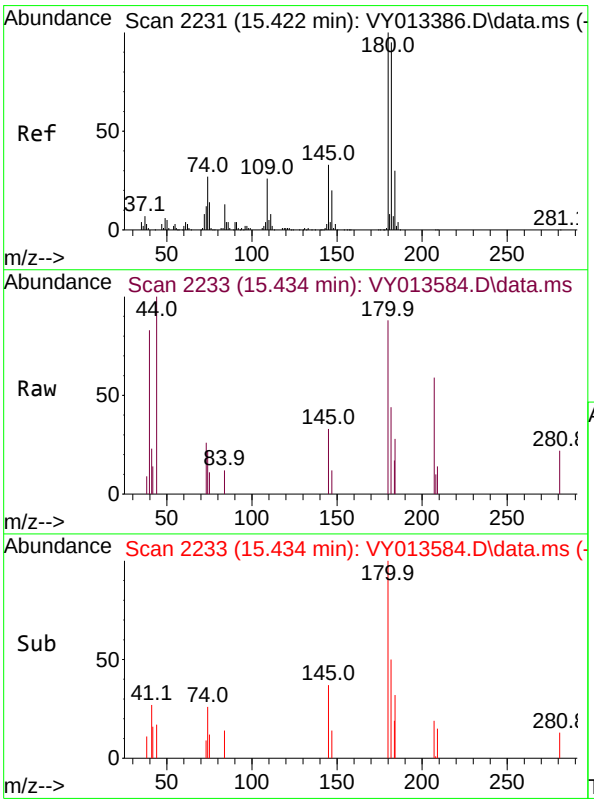
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY013584.D
Acq: 03 May 2023 16:11

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-240

Tgt Ion:152 Resp: 10340

Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.1	84.2
150	162.4	0.0	352.0





#96
1,2,3-Trichlorobenzene
Concen: 4.572 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. 0.012 min
Lab File: VY013584.D
Acq: 03 May 2023 16:11

Tgt Ion:180 Resp: 792

Ion	Ratio	Lower	Upper
180	100		
182	85.6	47.1	141.3
145	20.8	15.9	47.7