Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103024\
Data File : VX043627.D
Acq On : 30 Oct 2024 16:20
Operator : JC/MD
Sample : PB164501ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB164501ZHE#05

Quant Time: Oct 31 23:01:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	153192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	272498	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96971	39.699	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	79.400%		
35) Dibromofluoromethane	5.379	113	82081	44.421	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.840%		
50) Toluene-d8	8.647	98	317301	49.606	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.220%		
62) 4-Bromofluorobenzene	11.079	95	111414	47.006	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.020%		
Target Compounds						Qvalue
16) Acetone	2.392	43	30803	31.756	ug/l	97
18) Methyl Acetate	2.709	43	2857	1.008	ug/l #	89
20) Methylene Chloride	2.782	84	2617	1.252	ug/l #	81
43) Isopropyl Acetate	6.342	43	119433	27.150	ug/l	97

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

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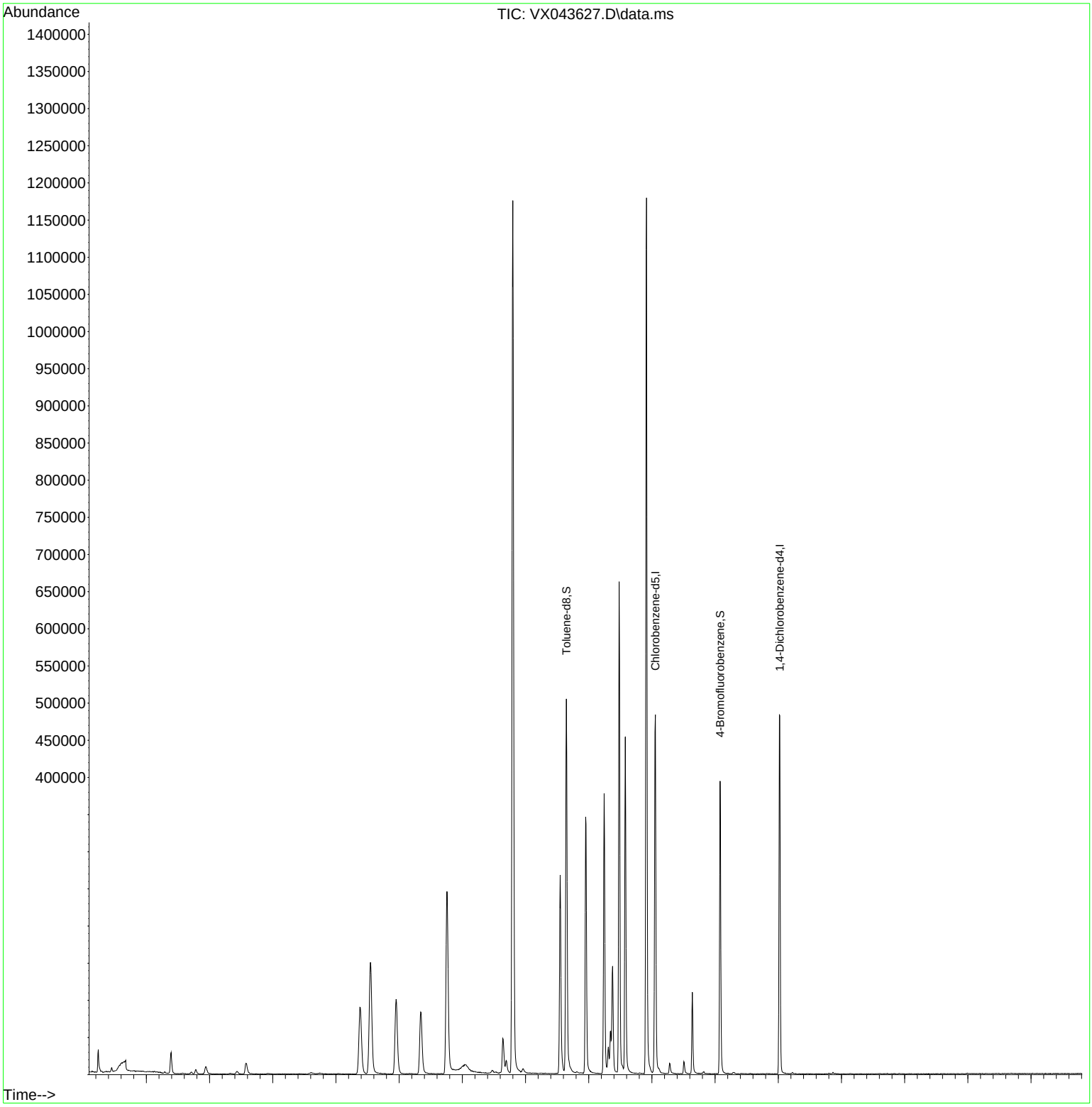
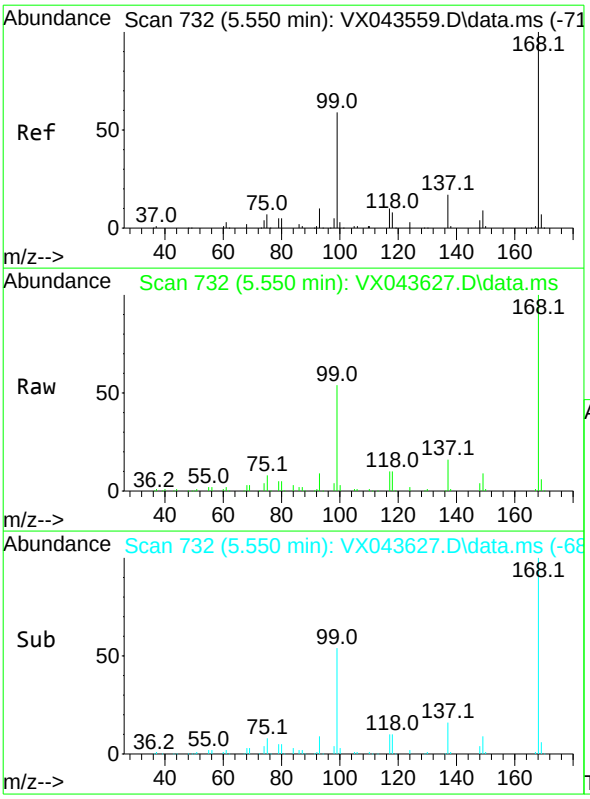


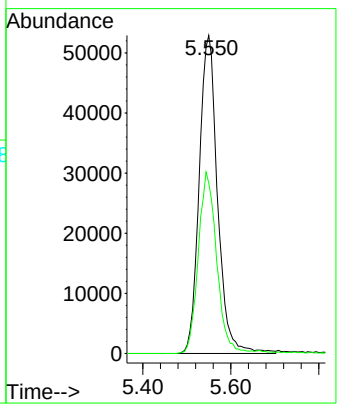


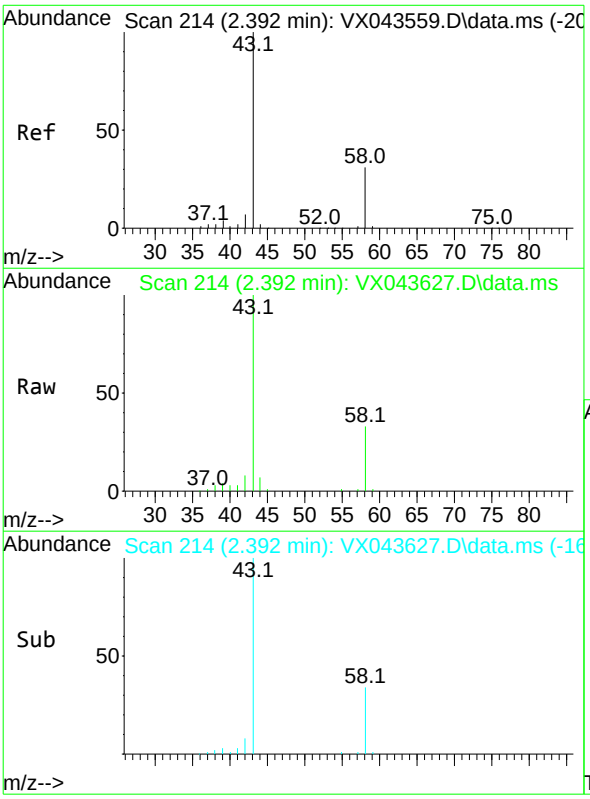
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 73
Delta R.T. -0.000 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

Instrument :
MSVOA_X
ClientSampleId :
PB164501ZHE#05

Tgt Ion:168 Resp: 153192

Ion	Ratio	Lower	Upper
168	100		
99	53.7	52.6	78.8

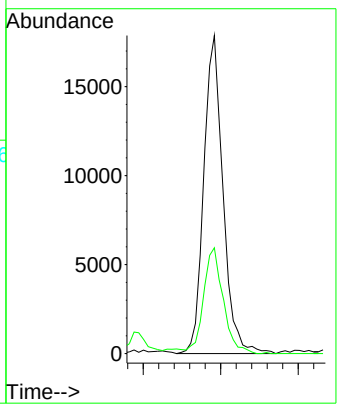


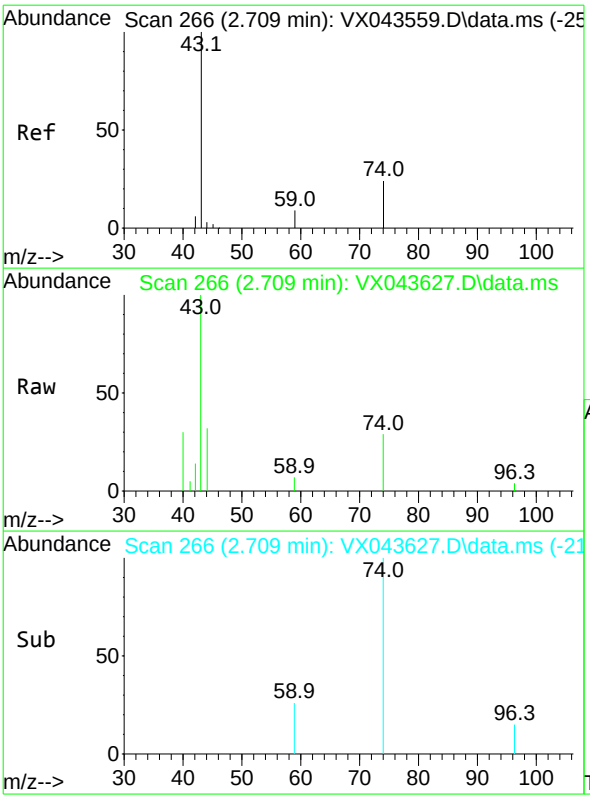


#16
Acetone
Concen: 31.756 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

Tgt Ion: 43 Resp: 30803

Ion	Ratio	Lower	Upper
43	100		
58	33.3	25.1	37.7



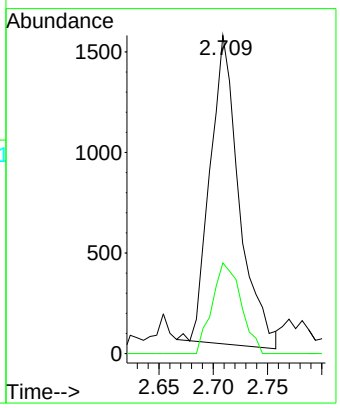


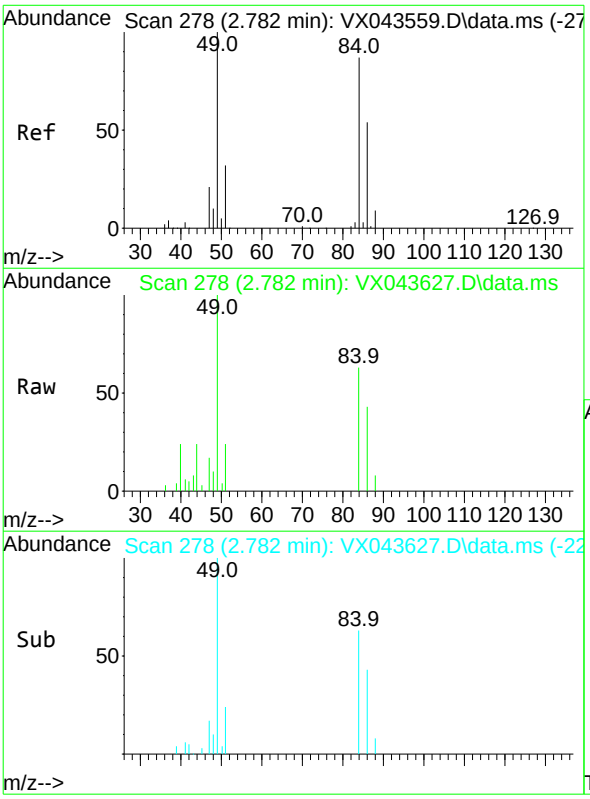
#18
Methyl Acetate
Concen: 1.008 ug/l
RT: 2.709 min Scan# 26
Delta R.T. 0.000 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

Instrument :
MSVOA_X
ClientSampleId :
PB164501ZHE#05

Tgt Ion: 43 Resp: 2857

Ion	Ratio	Lower	Upper
43	100		
74	29.1	19.1	28.7#

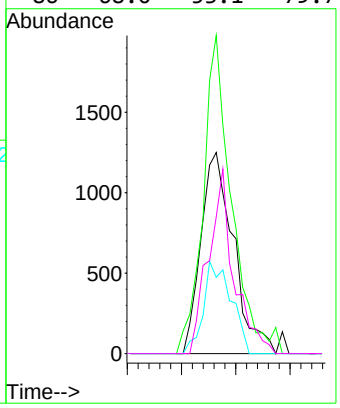


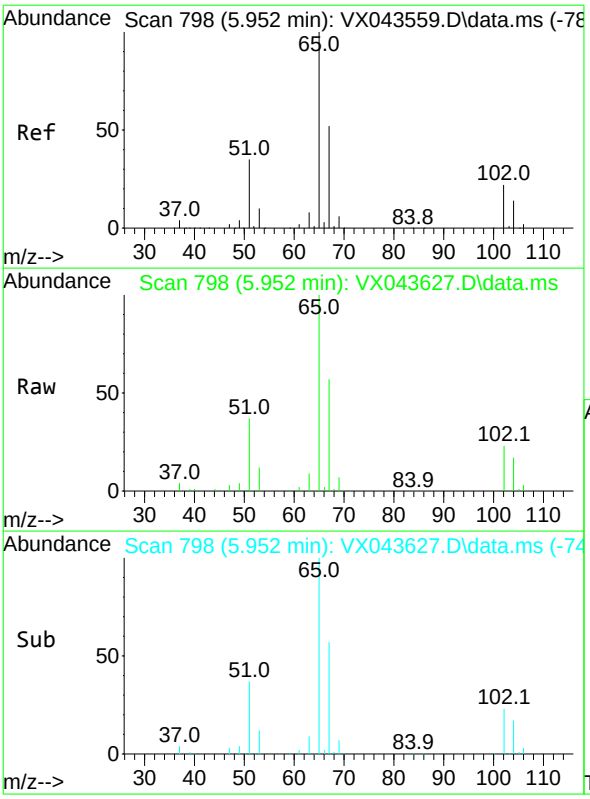


#20
Methylene Chloride
Concen: 1.252 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

Tgt Ion: 84 Resp: 2617

Ion	Ratio	Lower	Upper
84	100		
49	158.2	97.0	145.6#
51	37.9	29.8	44.8
86	68.0	53.1	79.7



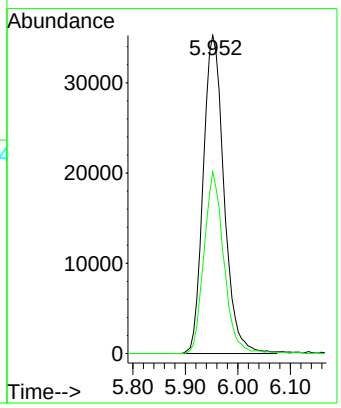


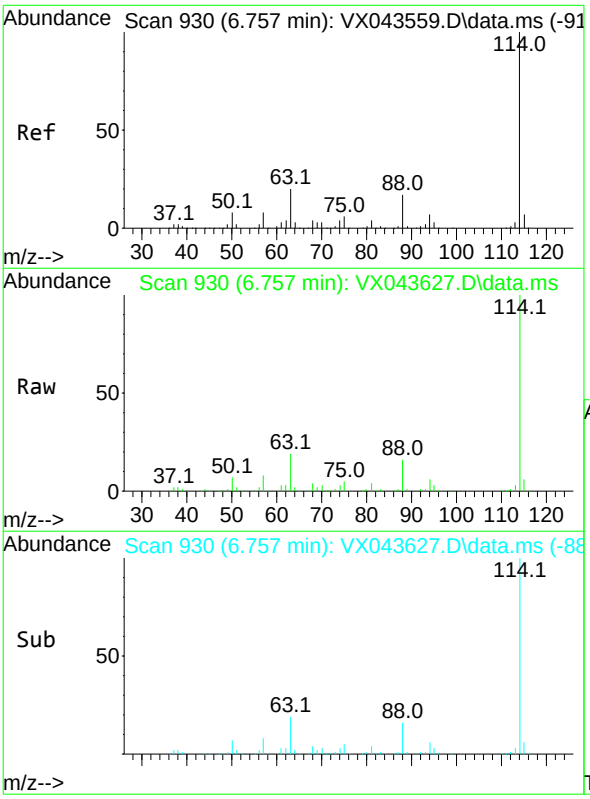
#33
1,2-Dichloroethane-d4
Concen: 39.699 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.000 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

Instrument :
MSVOA_X
ClientSampleId :
PB164501ZHE#05

Tgt Ion: 65 Resp: 96971

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	103.4

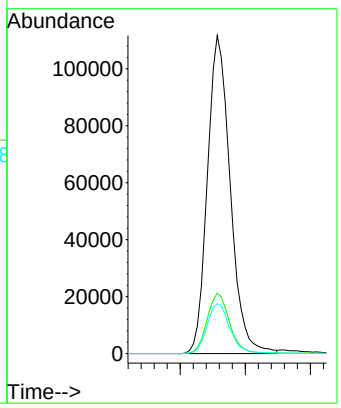


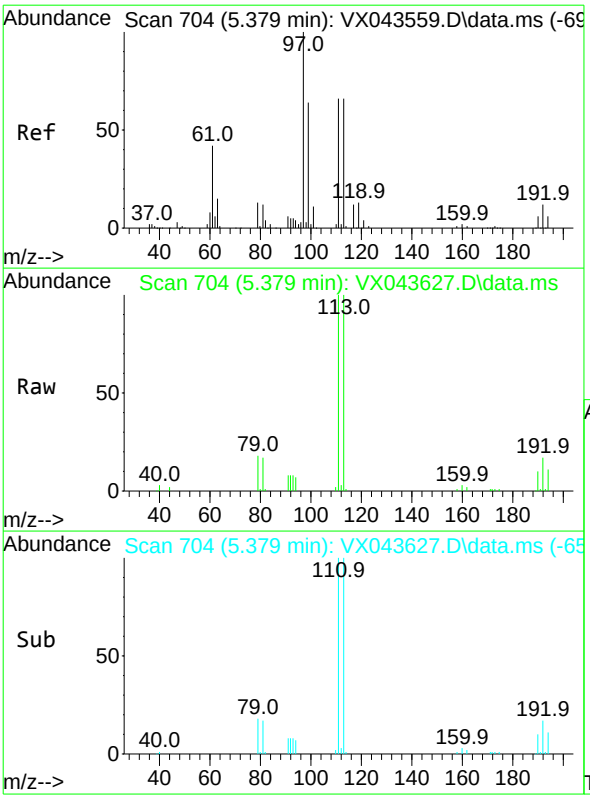


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

Tgt Ion:114 Resp: 272498

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	41.2
88	15.7	0.0	34.0



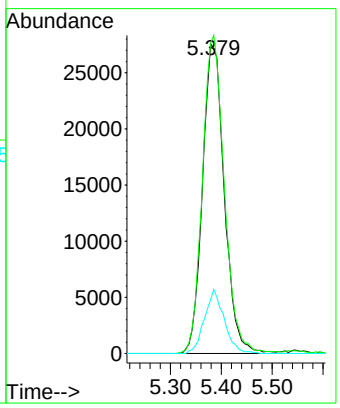


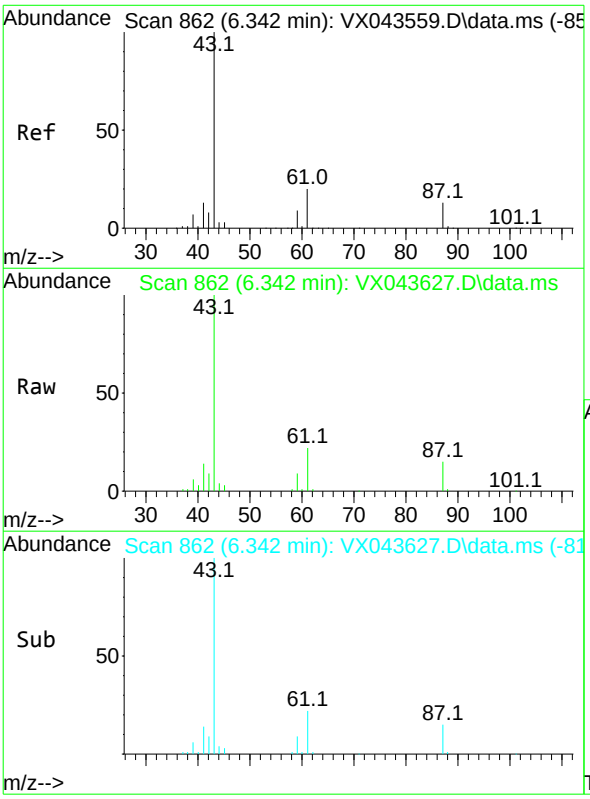
#35
Dibromofluoromethane
Concen: 44.421 ug/l
RT: 5.379 min Scan# 70
Delta R.T. -0.006 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

Instrument :
MSVOA_X
ClientSampleId :
PB164501ZHE#05

Tgt Ion:113 Resp: 82081

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.4	122.0
192	18.8	14.1	21.1

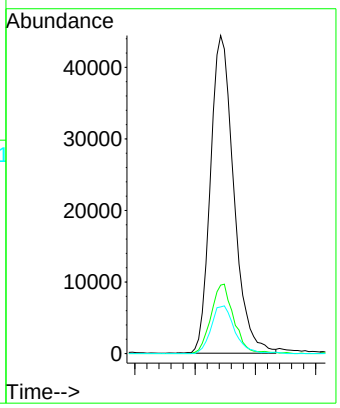


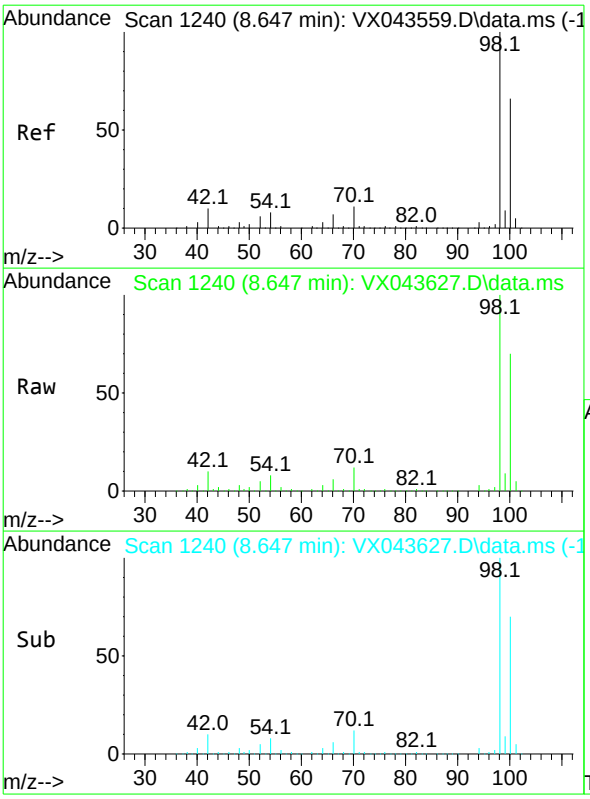


#43
Isopropyl Acetate
Concen: 27.150 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

Tgt Ion: 43 Resp: 119433

Ion	Ratio	Lower	Upper
43	100		
61	21.4	16.2	24.4
87	15.1	11.0	16.6



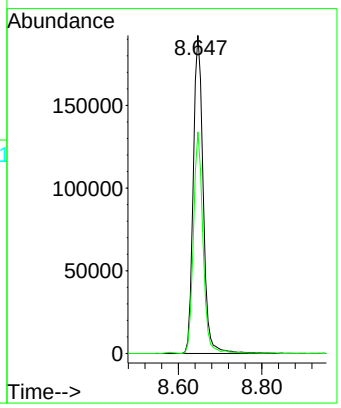


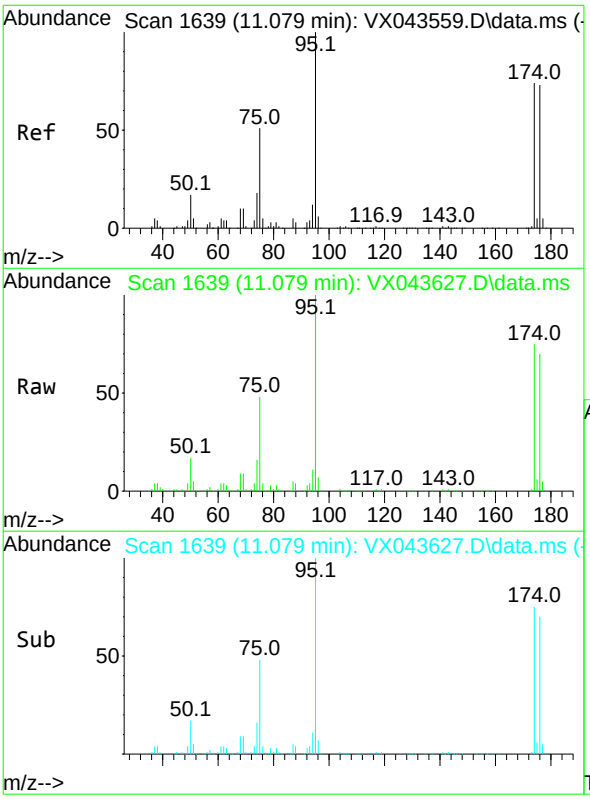
#50
Toluene-d8
Concen: 49.606 ug/l
RT: 8.647 min Scan# 12
Delta R.T. 0.000 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

Instrument :
MSVOA_X
ClientSampleId :
PB164501ZHE#05

Tgt Ion: 98 Resp: 317301

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.4	80.2

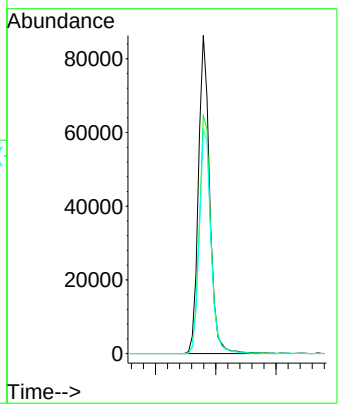


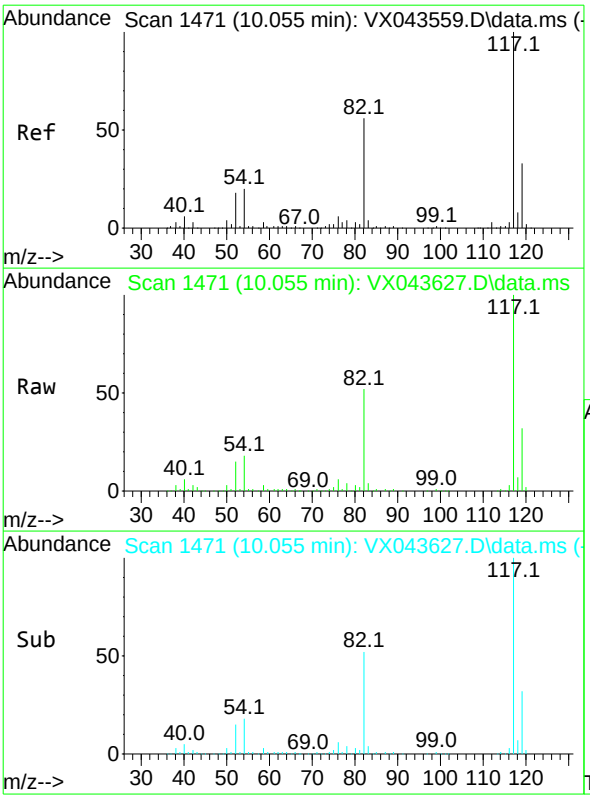


#62
4-Bromofluorobenzene
Concen: 47.006 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

Tgt Ion: 95 Resp: 111414

Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	146.6
176	72.9	0.0	139.6



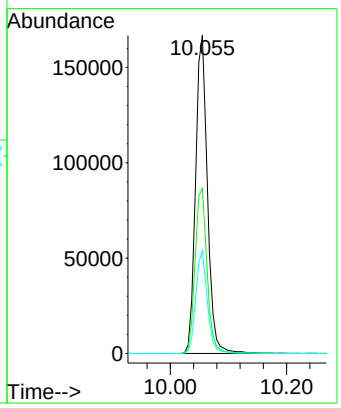


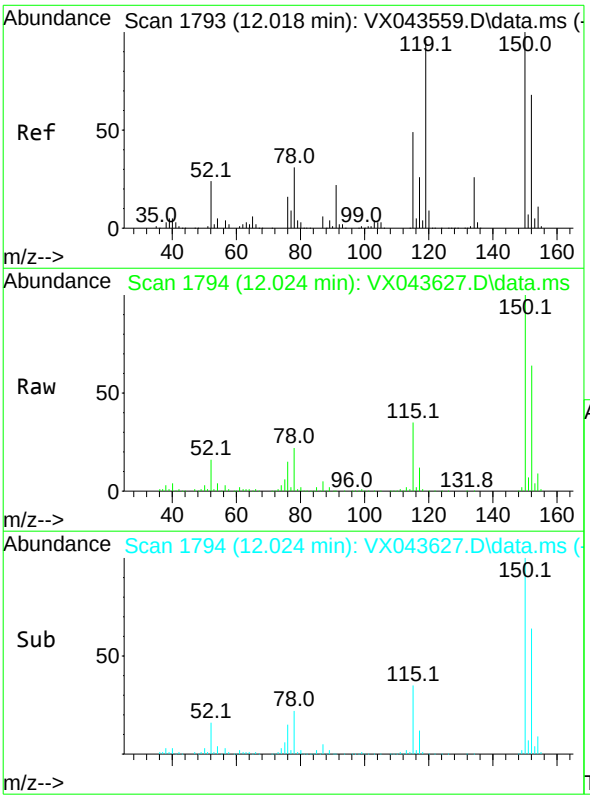
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

Instrument :
MSVOA_X
ClientSampleId :
PB164501ZHE#05

Tgt Ion:117 Resp: 236644

Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.1	63.1
119	32.3	25.4	38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043627.D
Acq: 30 Oct 2024 16:20

Tgt Ion:152 Resp: 108965

Ion	Ratio	Lower	Upper
152	100		
115	59.4	42.9	128.7
150	159.3	0.0	343.6