Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012524\
Data File : VX039951.D
Acq On : 25 Jan 2024 14:10
Operator : JC/MD
Sample : P1235-06ME
Misc : 5.05g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
137

Quant Time: Jan 26 01:33:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	89895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	164011	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72770	48.324	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.640%		
35) Dibromofluoromethane	5.385	113	48623	44.015	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.040%		
50) Toluene-d8	8.647	98	191472	45.956	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.920%#		
62) 4-Bromofluorobenzene	11.085	95	73399	45.051	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.100%		
Target Compounds						Qvalue
16) Acetone	2.416	43	188667	222.776	ug/l	96
18) Methyl Acetate	2.715	43	2292	1.294	ug/l #	79
31) Cyclohexane	5.495	56	23888	12.020	ug/l #	42
39) Methylcyclohexane	7.366	83	3258	1.578	ug/l	89
52) Toluene	8.720	92	585047	201.171	ug/l	95

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

Quantitation Report (LSC Reviewed)

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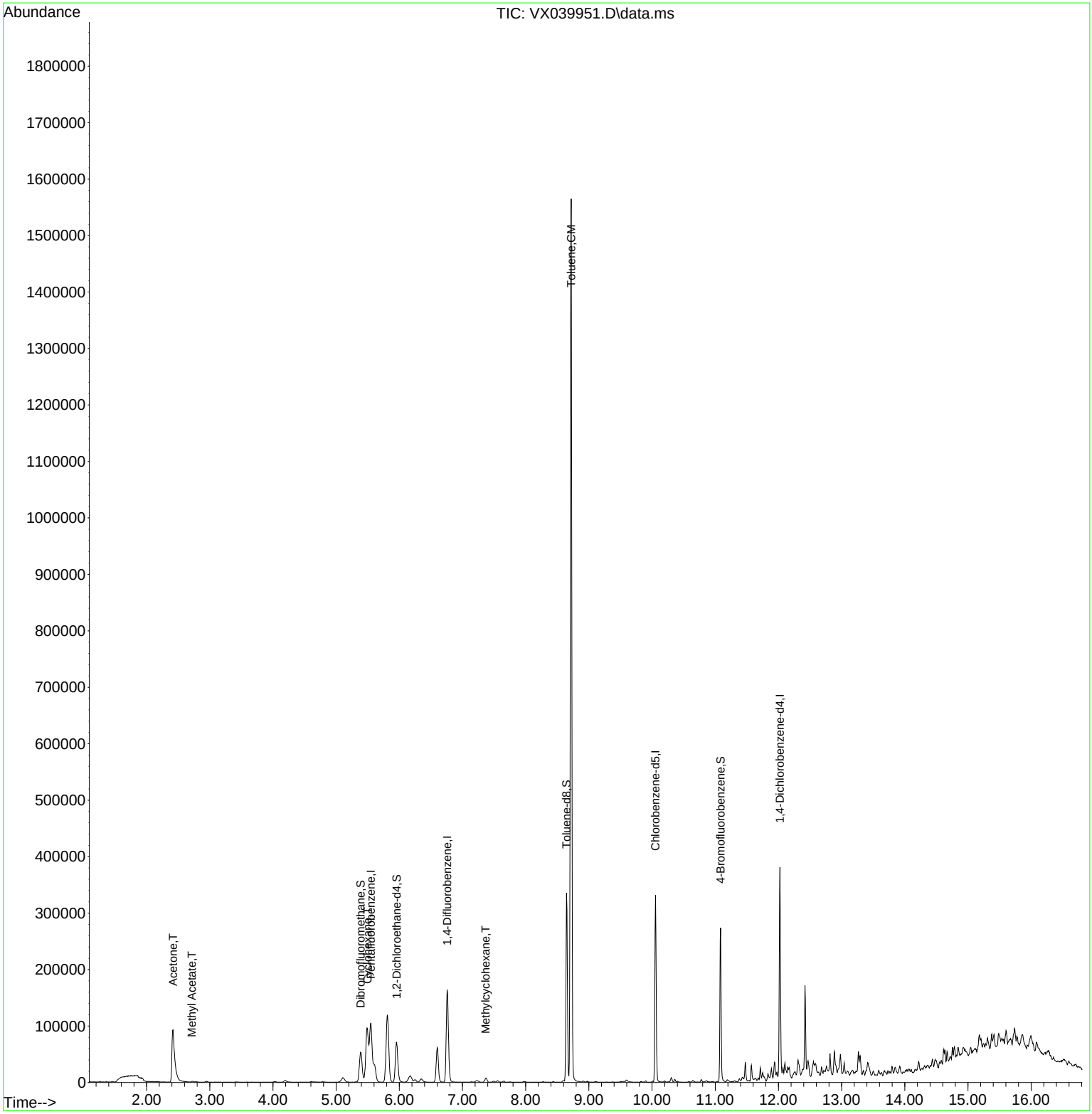
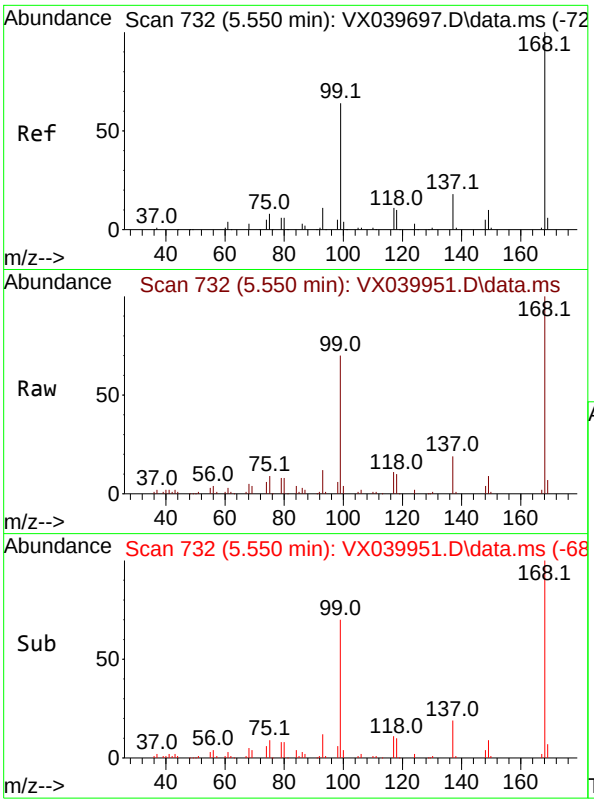


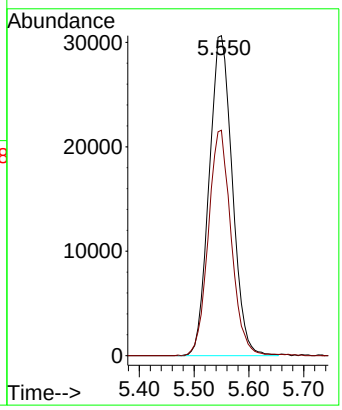


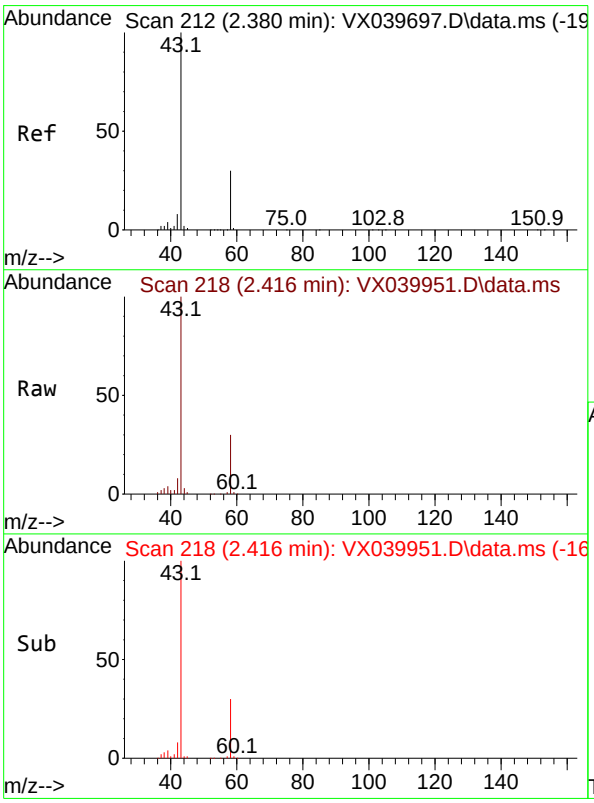
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX039951.D
Acq: 25 Jan 2024 14:10

Instrument :
MSVOA_X
ClientSampleId :
137

Tgt Ion:168 Resp: 89895

Ion	Ratio	Lower	Upper
168	100		
99	70.3	56.6	85.0

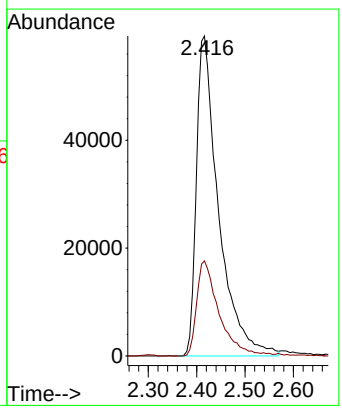


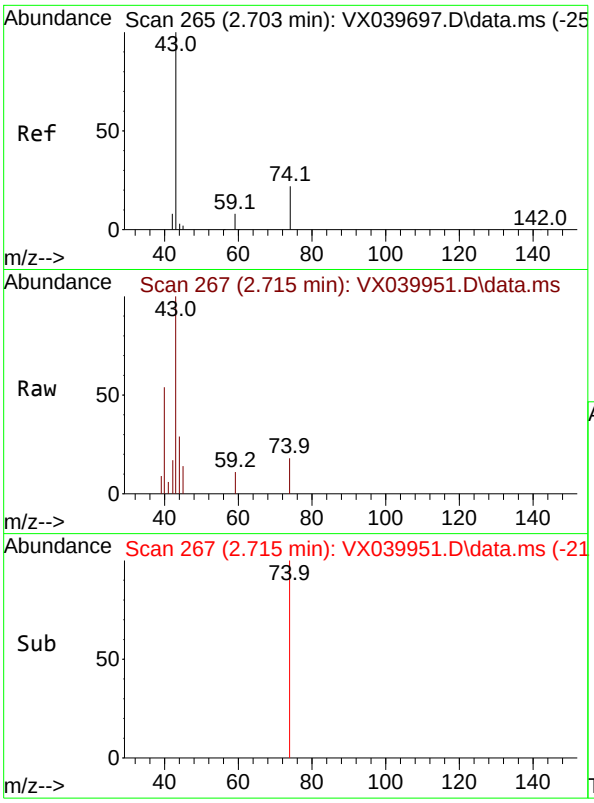


#16
Acetone
Concen: 222.776 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.036 min
Lab File: VX039951.D
Acq: 25 Jan 2024 14:10

Tgt Ion: 43 Resp: 188667

Ion	Ratio	Lower	Upper
43	100		
58	29.7	21.9	32.9



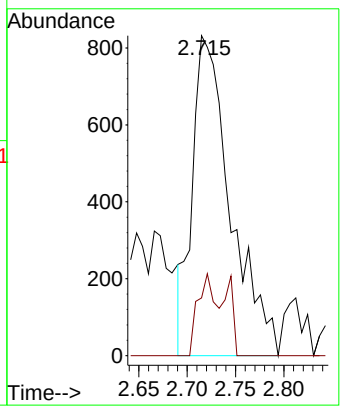


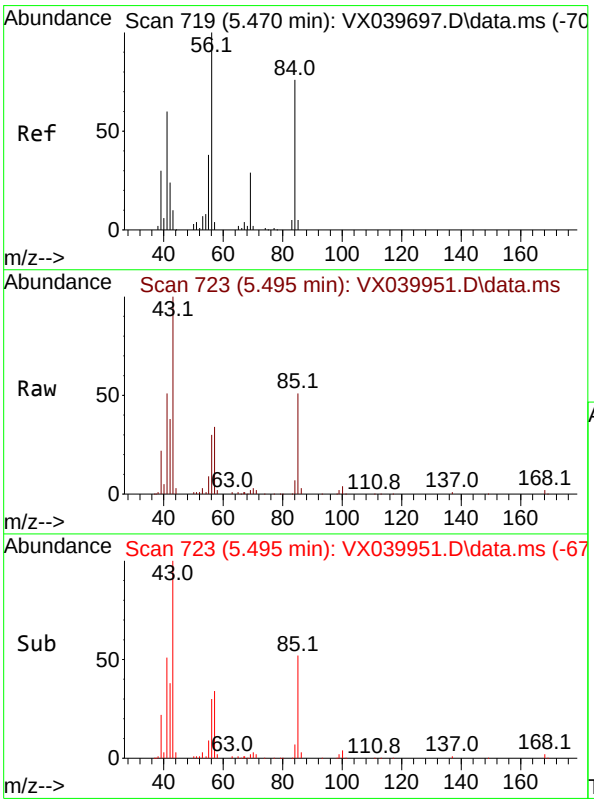
#18
Methyl Acetate
Concen: 1.294 ug/l
RT: 2.715 min Scan# 2
Delta R.T. 0.012 min
Lab File: VX039951.D
Acq: 25 Jan 2024 14:10

Instrument :
MSVOA_X
ClientSampleId :
137

Tgt Ion: 43 Resp: 2292

Ion	Ratio	Lower	Upper
43	100		
74	12.3	17.8	26.8#

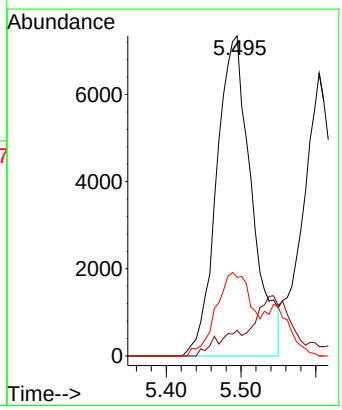


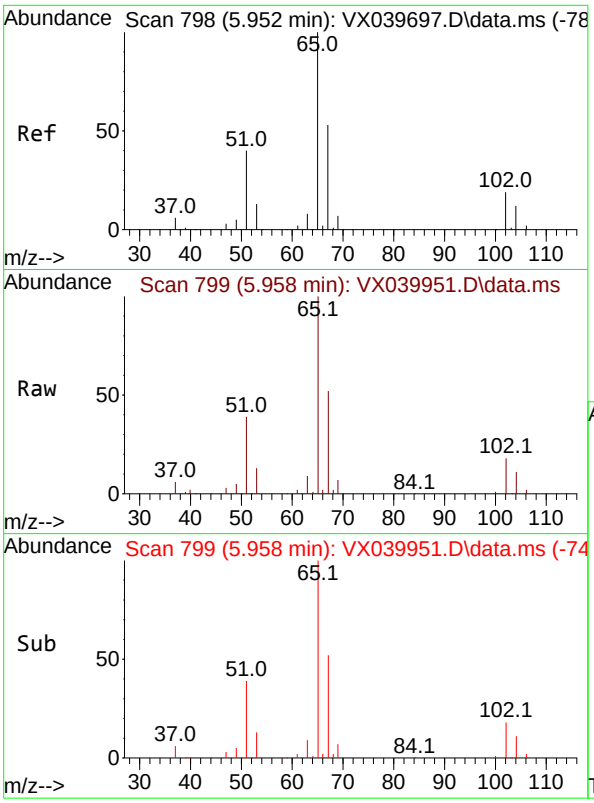


#31
Cyclohexane
Concen: 12.020 ug/l
RT: 5.495 min Scan# 723
Delta R.T. 0.024 min
Lab File: VX039951.D
Acq: 25 Jan 2024 14:10

Tgt Ion: 56 Resp: 23888

Ion	Ratio	Lower	Upper
56	100		
69	8.0	23.4	35.2#
84	24.6	65.9	98.9#



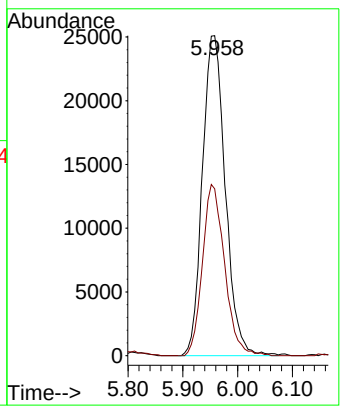


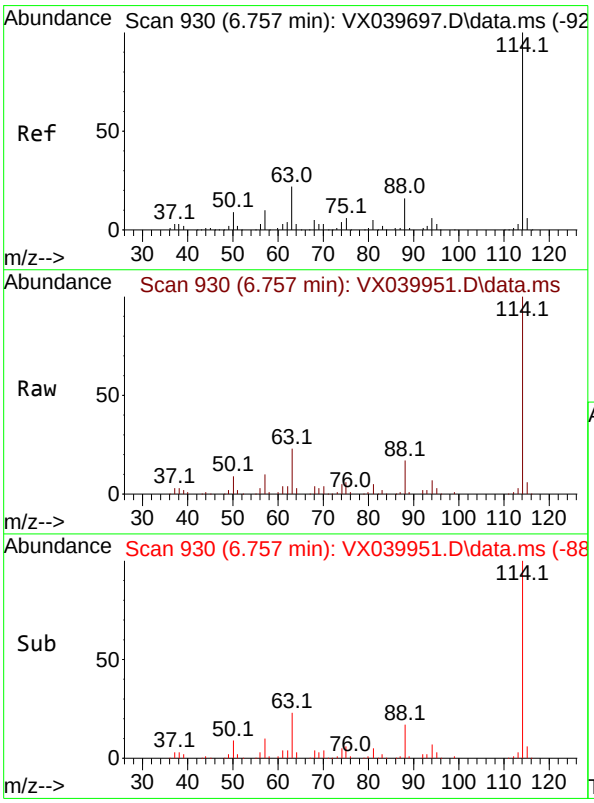
#33
1,2-Dichloroethane-d4
Concen: 48.324 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX039951.D
Acq: 25 Jan 2024 14:10

Instrument :
MSVOA_X
ClientSampleId :
137

Tgt Ion: 65 Resp: 72770

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	100.2

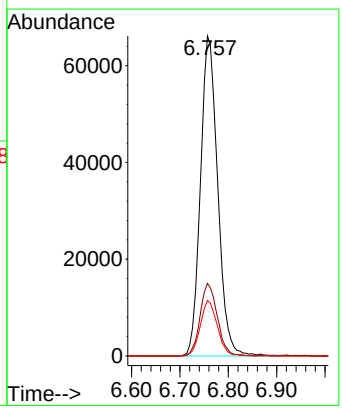


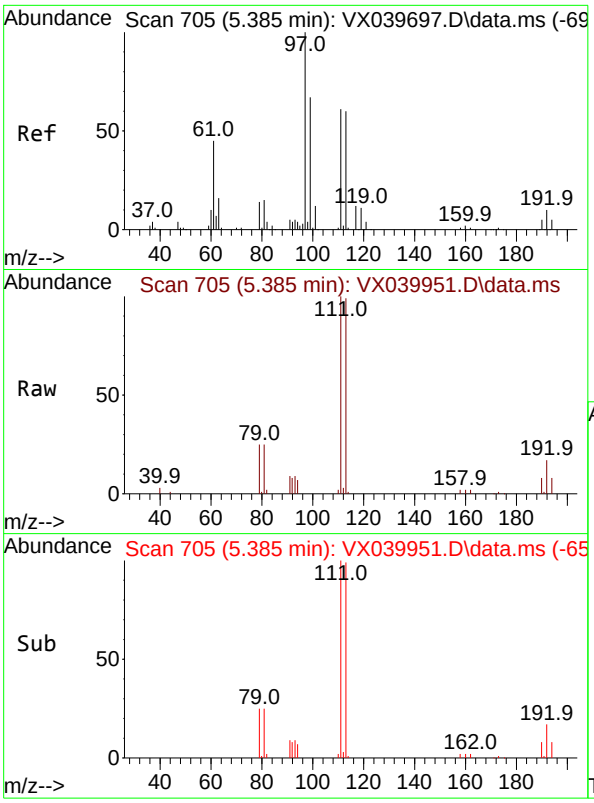


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX039951.D
Acq: 25 Jan 2024 14:10

Tgt Ion:114 Resp: 164011

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	45.0
88	17.3	0.0	36.6



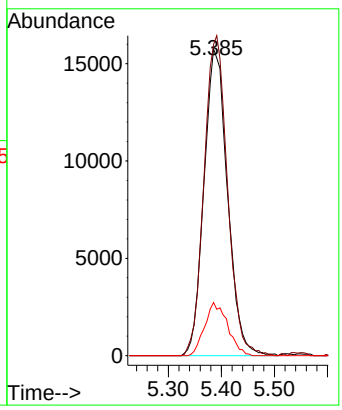


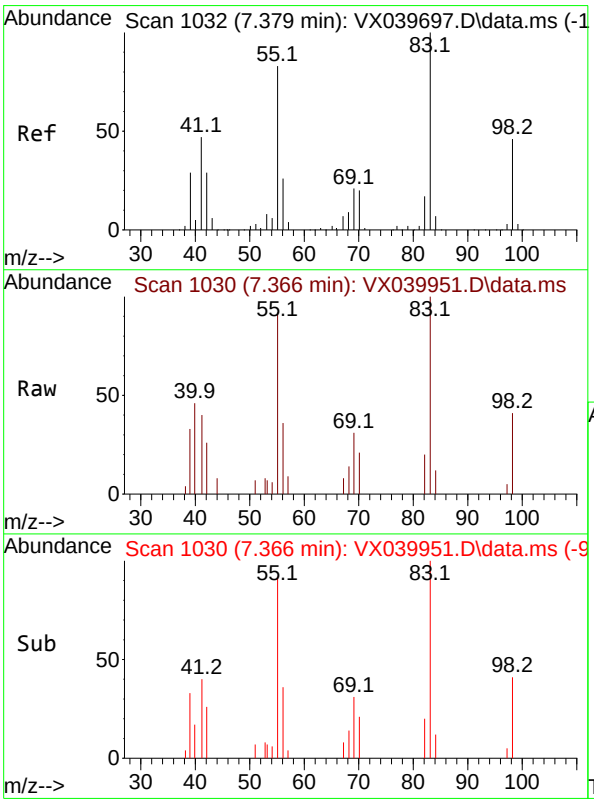
#35
Dibromofluoromethane
Concen: 44.015 ug/l
RT: 5.385 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX039951.D
Acq: 25 Jan 2024 14:10

Instrument :
MSVOA_X
ClientSampleId :
137

Tgt Ion:113 Resp: 48623

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.9	124.3
192	16.9	13.3	19.9

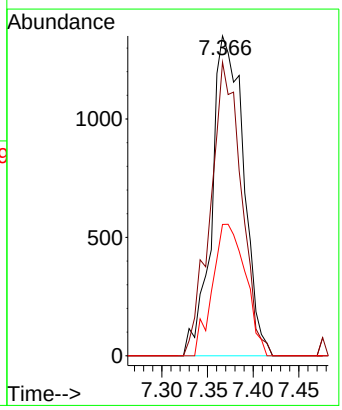


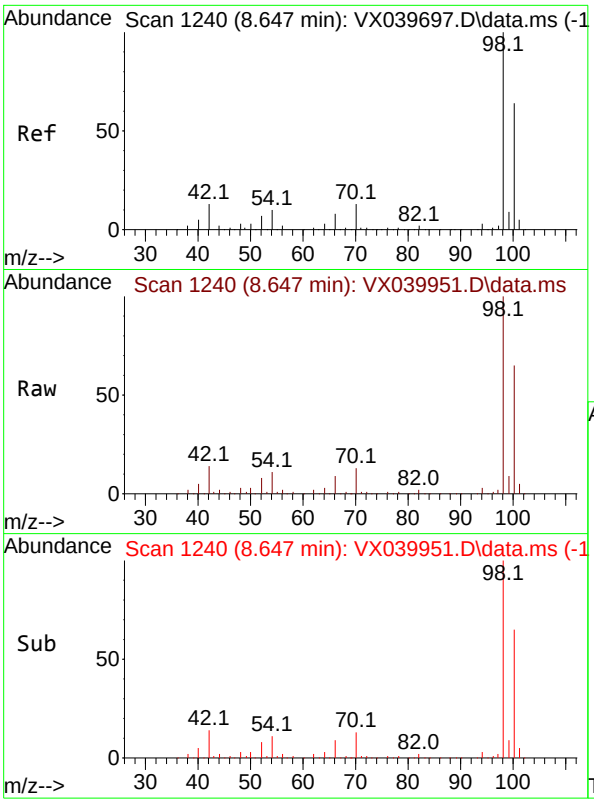


#39
Methylcyclohexane
Concen: 1.578 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VX039951.D
Acq: 25 Jan 2024 14:10

Tgt Ion: 83 Resp: 3258

Ion	Ratio	Lower	Upper
83	100		
55	91.8	64.6	97.0
98	41.1	36.7	55.1



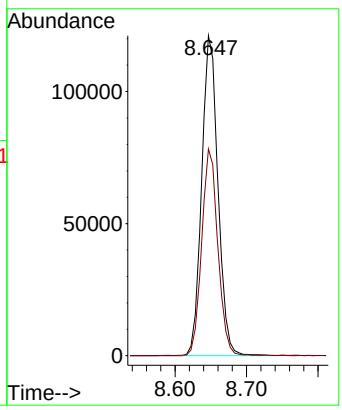


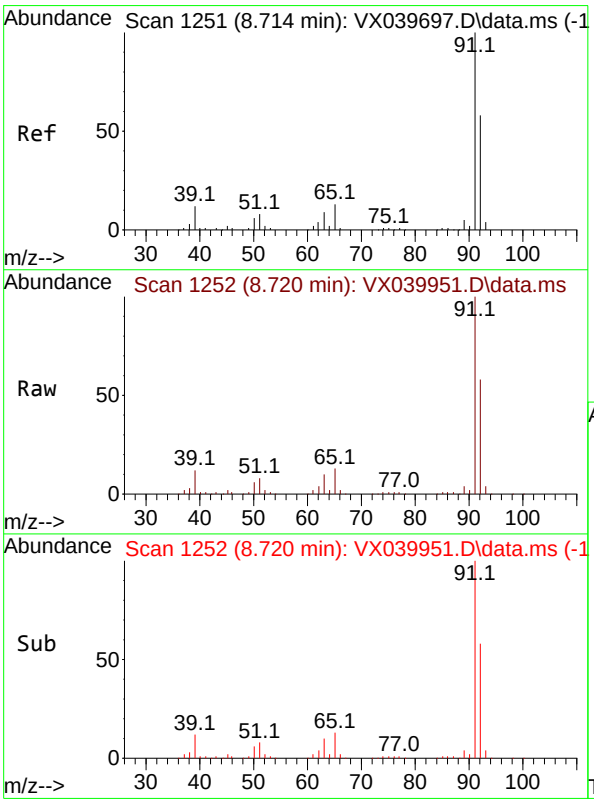
#50
Toluene-d8
Concen: 45.956 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX039951.D
Acq: 25 Jan 2024 14:10

Instrument :
MSVOA_X
ClientSampleId :
137

Tgt Ion: 98 Resp: 191472

Ion	Ratio	Lower	Upper
98	100		
100	63.9	53.1	79.7

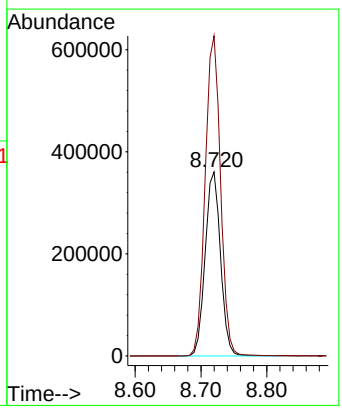


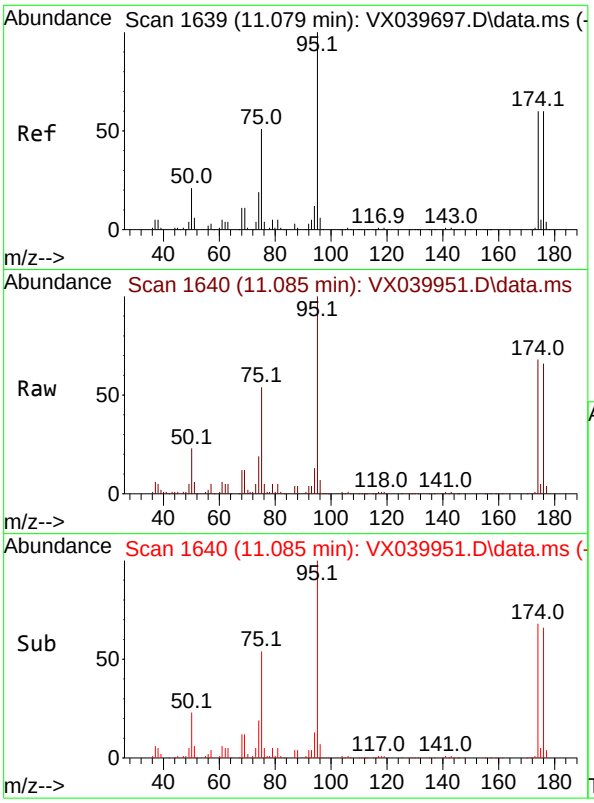


#52
Toluene
Concen: 201.171 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX039951.D
Acq: 25 Jan 2024 14:10

Tgt Ion: 92 Resp: 585047

Ion	Ratio	Lower	Upper
92	100		
91	174.0	134.2	201.2



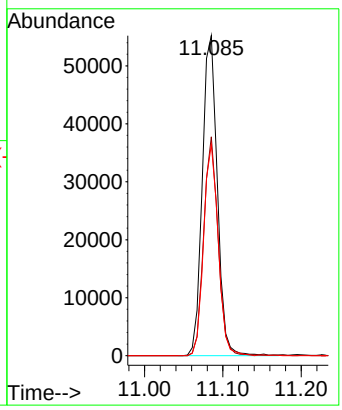


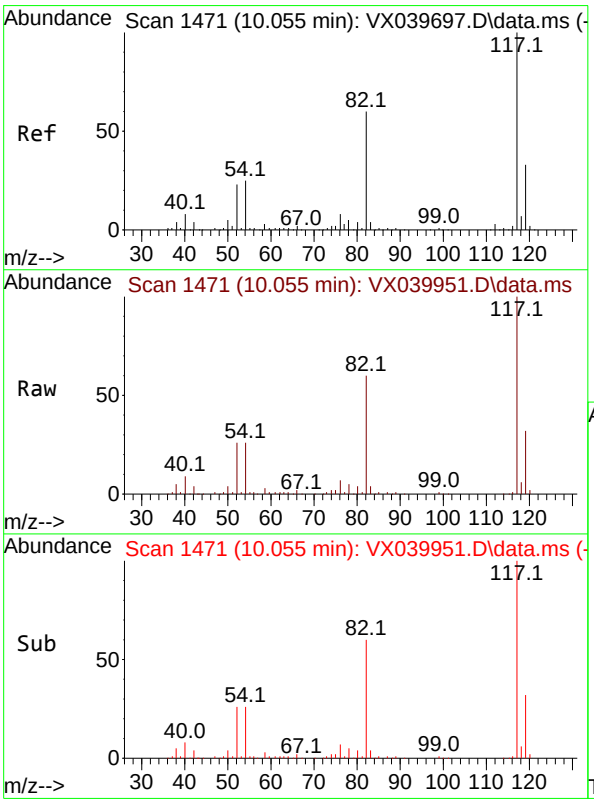
#62
4-Bromofluorobenzene
Concen: 45.051 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX039951.D
Acq: 25 Jan 2024 14:10

Instrument :
MSVOA_X
ClientSampleId :
137

Tgt Ion: 95 Resp: 73399

Ion	Ratio	Lower	Upper
95	100		
174	65.5	0.0	135.6
176	64.0	0.0	131.0

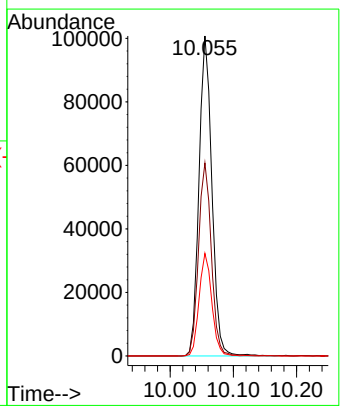


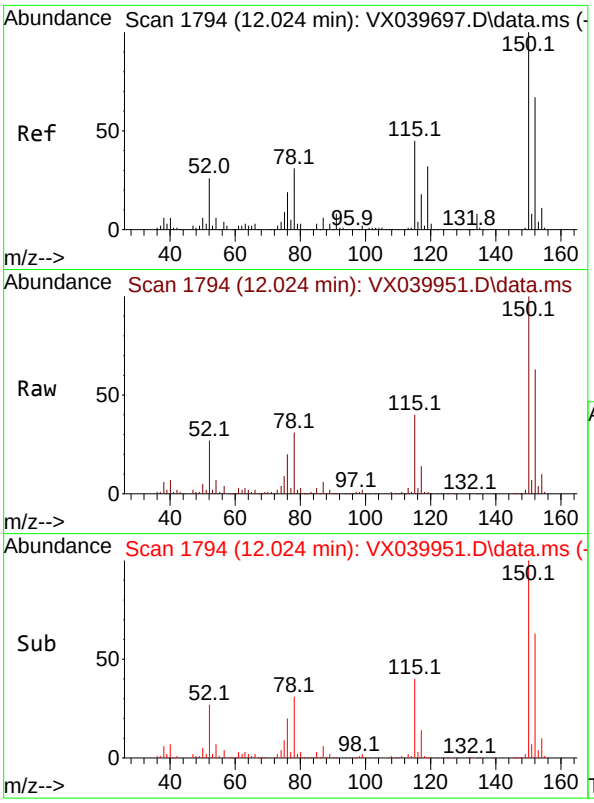


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039951.D
Acq: 25 Jan 2024 14:10

Tgt Ion:117 Resp: 143011

Ion	Ratio	Lower	Upper
117	100		
82	60.3	46.2	69.4
119	32.0	25.5	38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX039951.D
Acq: 25 Jan 2024 14:10

Instrument :
MSVOA_X
ClientSampleId :
137

Tgt Ion:152 Resp: 68510

Ion	Ratio	Lower	Upper
152	100		
115	65.1	43.3	129.9
150	158.4	0.0	345.0