Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070623\
Data File : VX036441.D
Acq On : 06 Jul 2023 17:52
Operator : JC/MD
Sample : 03500-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Quant Time: Jul 07 04:42:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	166785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	281722	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109377	45.750	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.500%		
35) Dibromofluoromethane	5.385	113	88824	47.817	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.640%		
50) Toluene-d8	8.653	98	346453	49.935	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.860%		
62) 4-Bromofluorobenzene	11.079	95	117349	48.018	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.040%		
Target Compounds						Qvalue
39) Methylcyclohexane	7.372	83	2530	0.763	ug/l	93
73) Isopropylbenzene	10.963	105	4647	0.544	ug/l	97
78) n-propylbenzene	11.305	91	8434	0.846	ug/l	97
89) n-Butylbenzene	12.329	91	2616	0.399	ug/l	88
95) Naphthalene	13.780	128	4068	0.526	ug/l #	93

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

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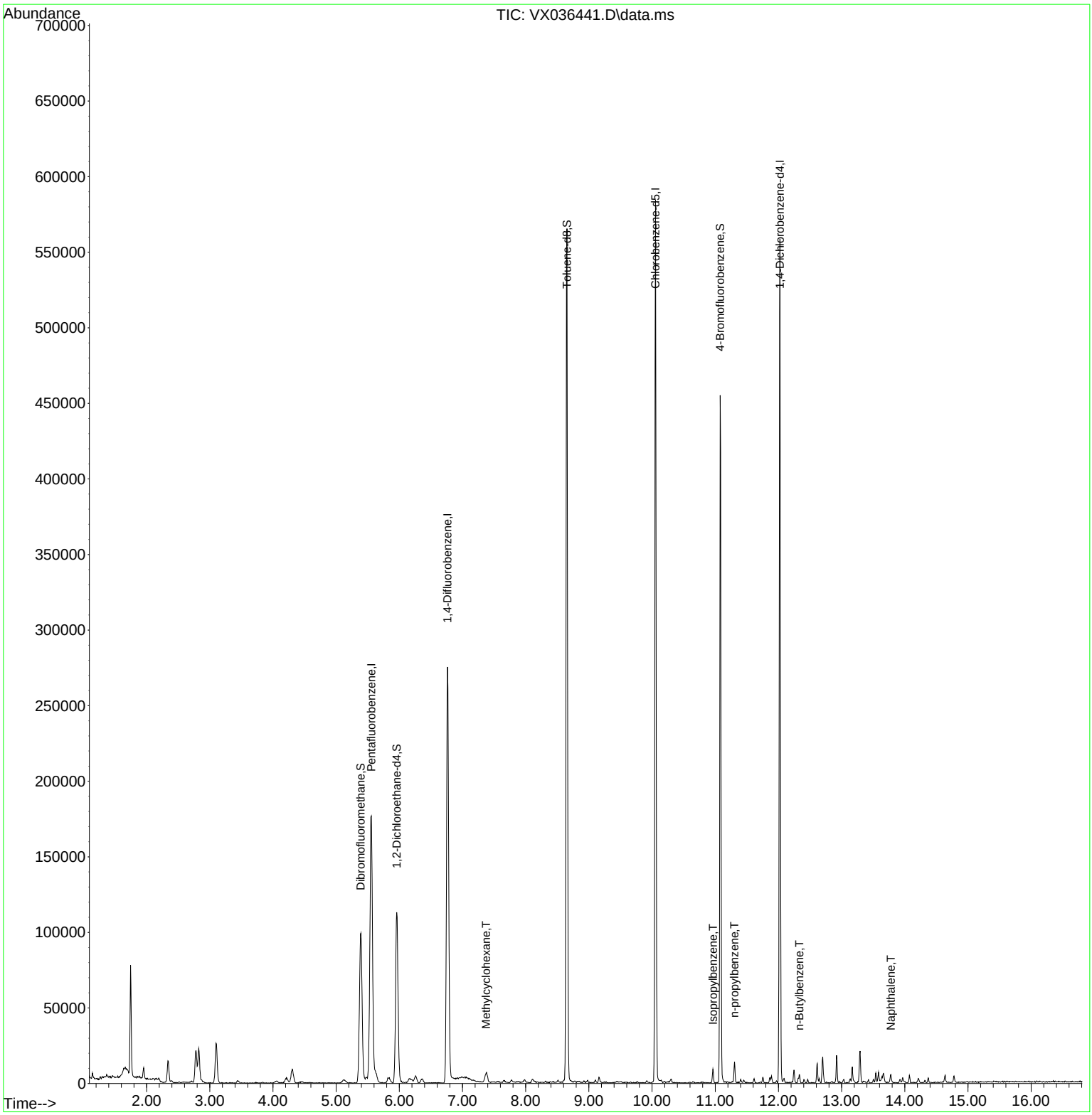
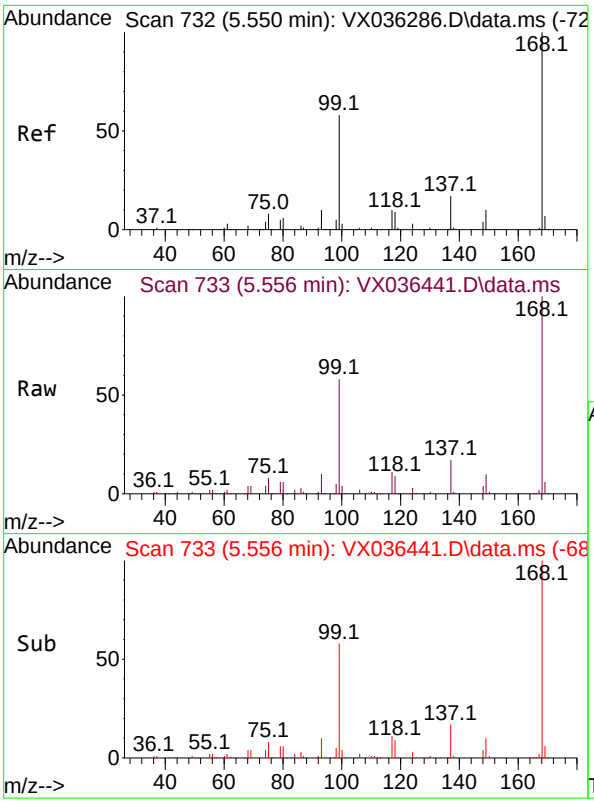


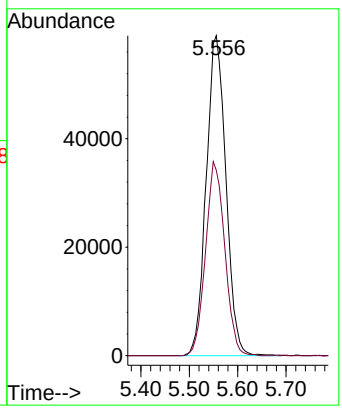


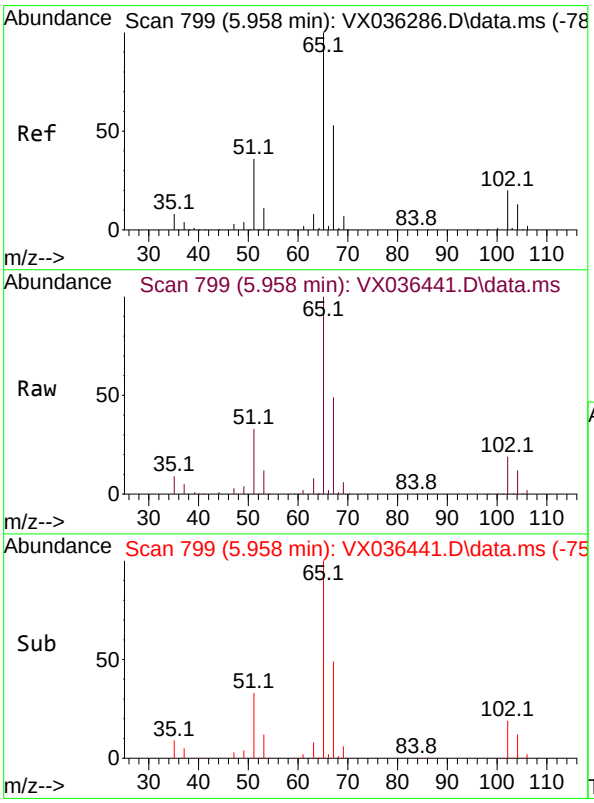
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. 0.007 min
Lab File: VX036441.D
Acq: 06 Jul 2023 17:52

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:168 Resp: 166785

Ion	Ratio	Lower	Upper
168	100		
99	57.9	56.6	85.0

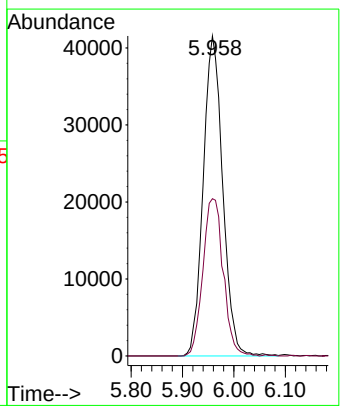


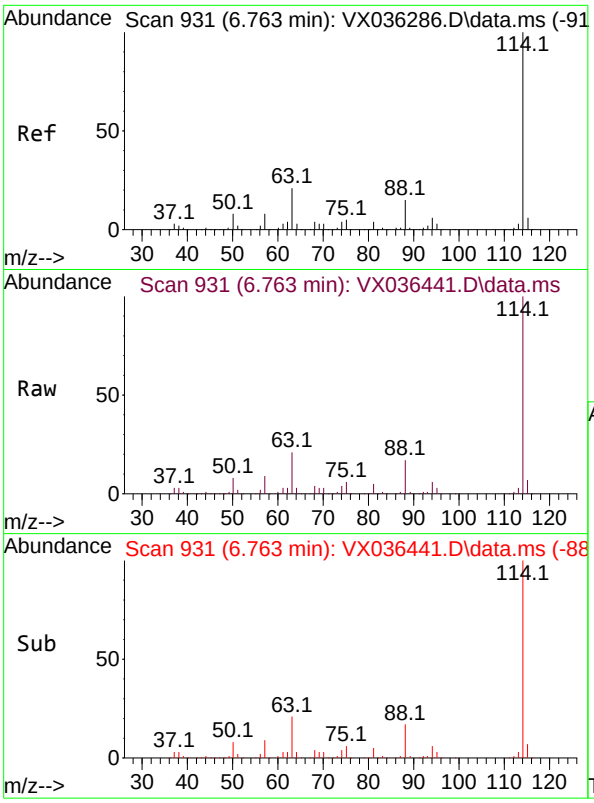


#33
1,2-Dichloroethane-d4
Concen: 45.750 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036441.D
Acq: 06 Jul 2023 17:52

Tgt Ion: 65 Resp: 109377

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	100.2



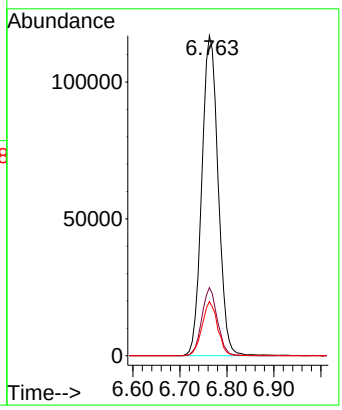


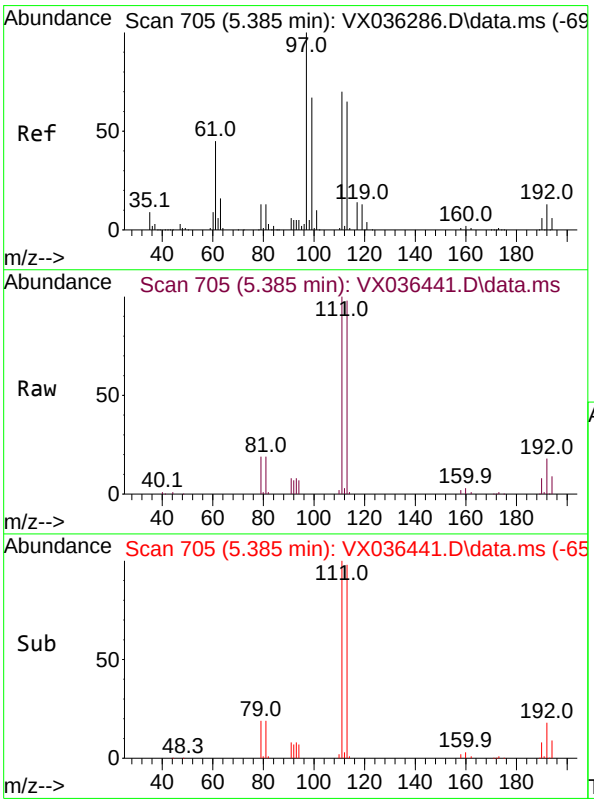
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX036441.D
Acq: 06 Jul 2023 17:52

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:114 Resp: 281722

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	45.0
88	16.9	0.0	36.6

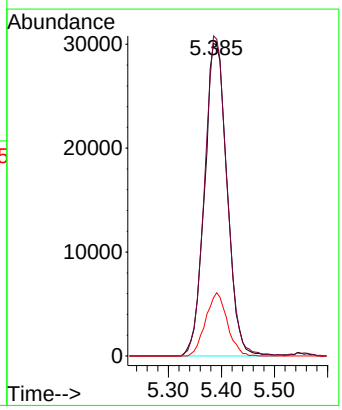


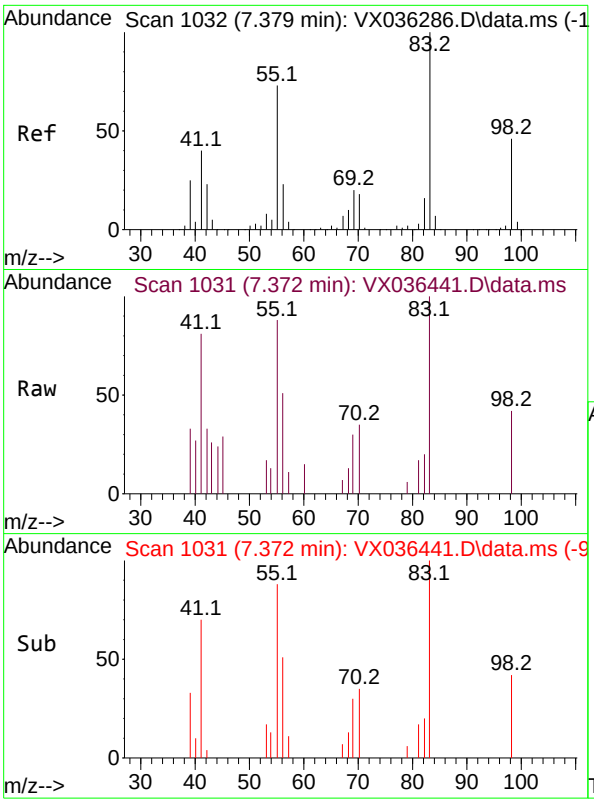


#35
Dibromofluoromethane
Concen: 47.817 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036441.D
Acq: 06 Jul 2023 17:52

Tgt Ion:113 Resp: 88824

Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.9	124.3
192	19.4	13.3	19.9



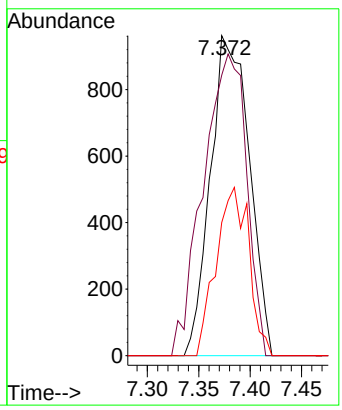


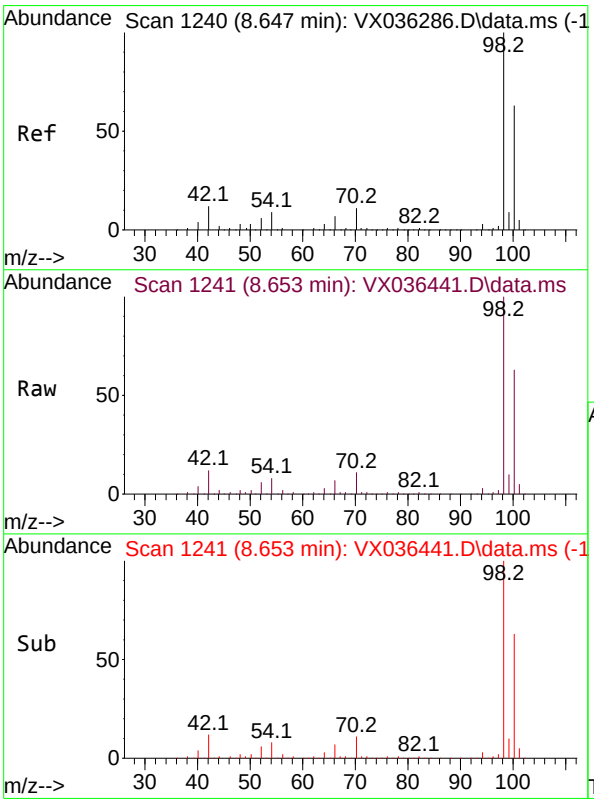
#39
Methylcyclohexane
Concen: 0.763 ug/l
RT: 7.372 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX036441.D
Acq: 06 Jul 2023 17:52

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 83 Resp: 2530

Ion	Ratio	Lower	Upper
83	100		
55	87.6	64.6	97.0
98	41.6	36.7	55.1

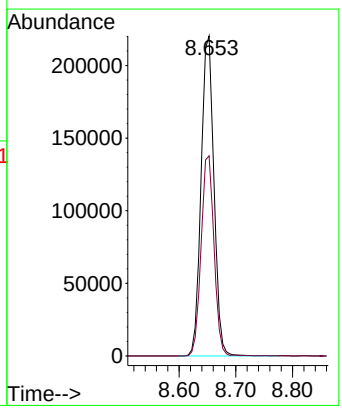


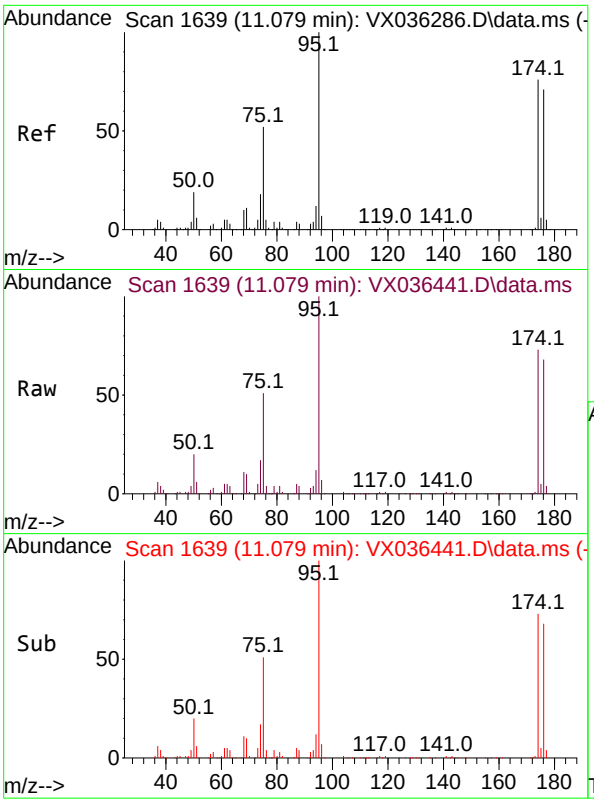


#50
Toluene-d8
Concen: 49.935 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX036441.D
Acq: 06 Jul 2023 17:52

Tgt Ion: 98 Resp: 346453

Ion	Ratio	Lower	Upper
98	100		
100	62.9	53.1	79.7



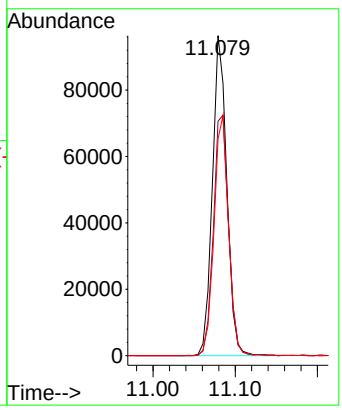


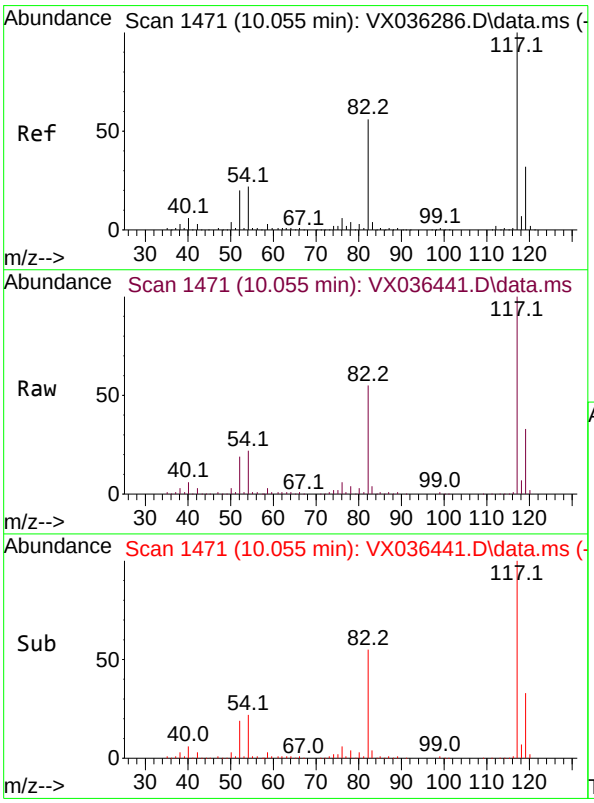
#62
4-Bromofluorobenzene
Concen: 48.018 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036441.D
Acq: 06 Jul 2023 17:52

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 95 Resp: 117349

Ion	Ratio	Lower	Upper
95	100		
174	79.3	0.0	135.6
176	75.5	0.0	131.0

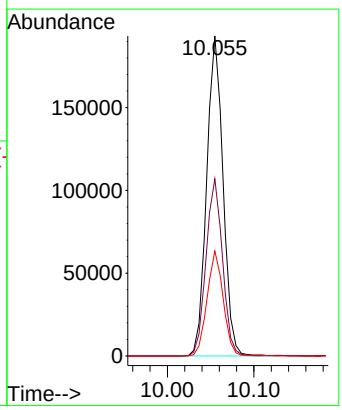


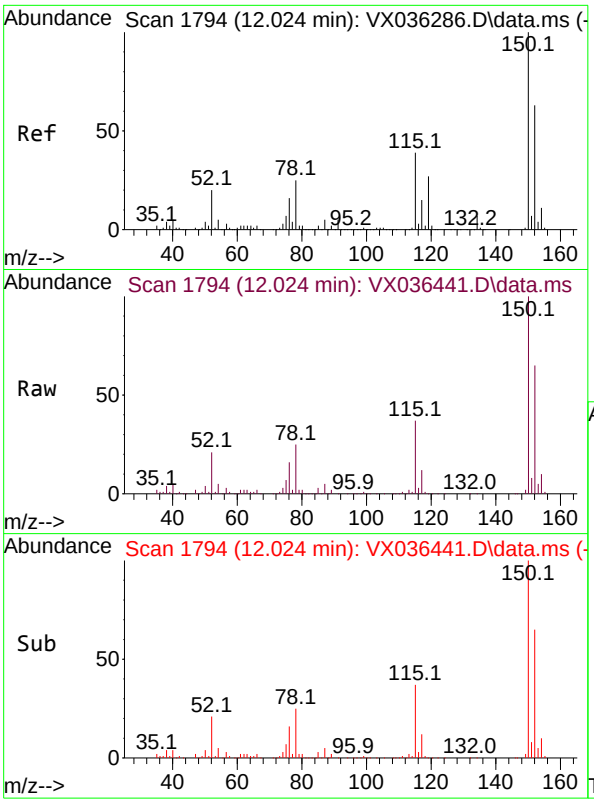


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036441.D
Acq: 06 Jul 2023 17:52

Tgt Ion:117 Resp: 253877

Ion	Ratio	Lower	Upper
117	100		
82	55.4	46.2	69.4
119	32.8	25.5	38.3



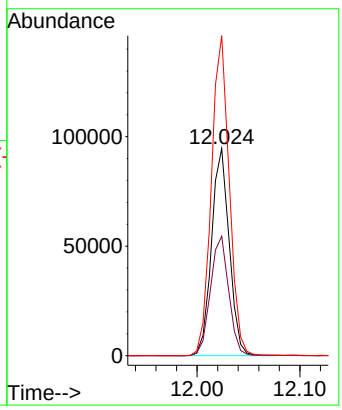


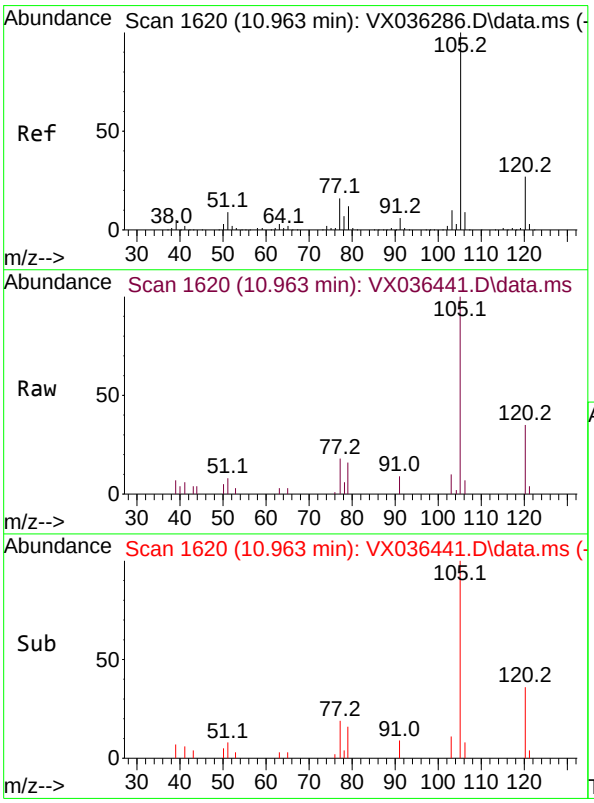
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX036441.D
Acq: 06 Jul 2023 17:52

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 113289

Ion	Ratio	Lower	Upper
152	100		
115	59.5	43.3	129.9
150	156.0	0.0	345.0

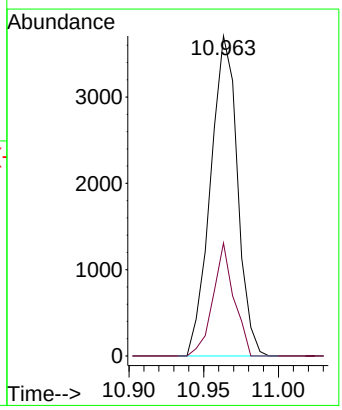


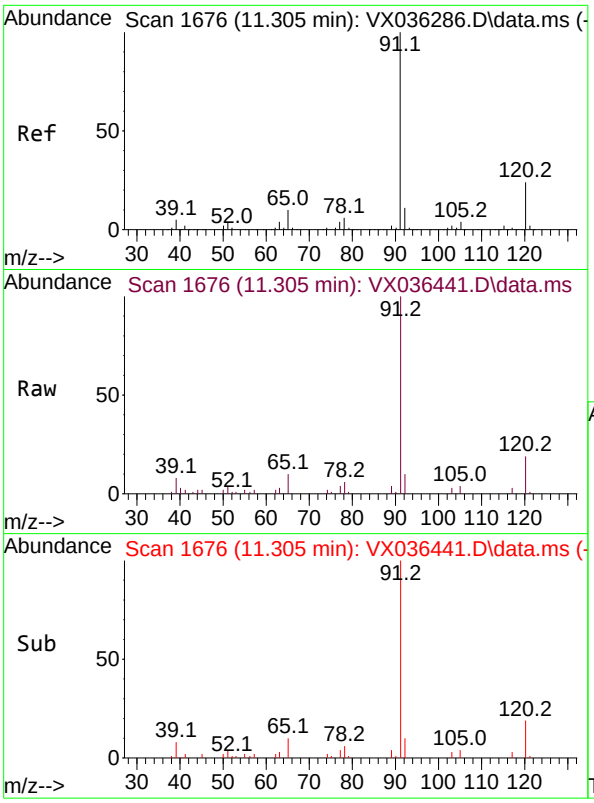


#73
Isopropylbenzene
Concen: 0.544 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036441.D
Acq: 06 Jul 2023 17:52

Tgt Ion:105 Resp: 4647

Ion	Ratio	Lower	Upper
105	100		
120	27.4	12.9	38.6



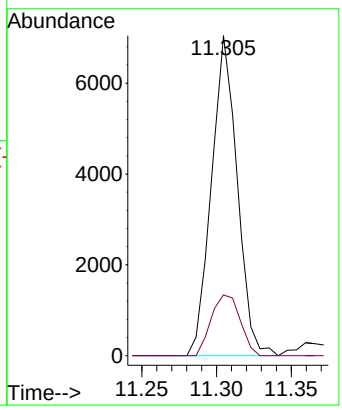


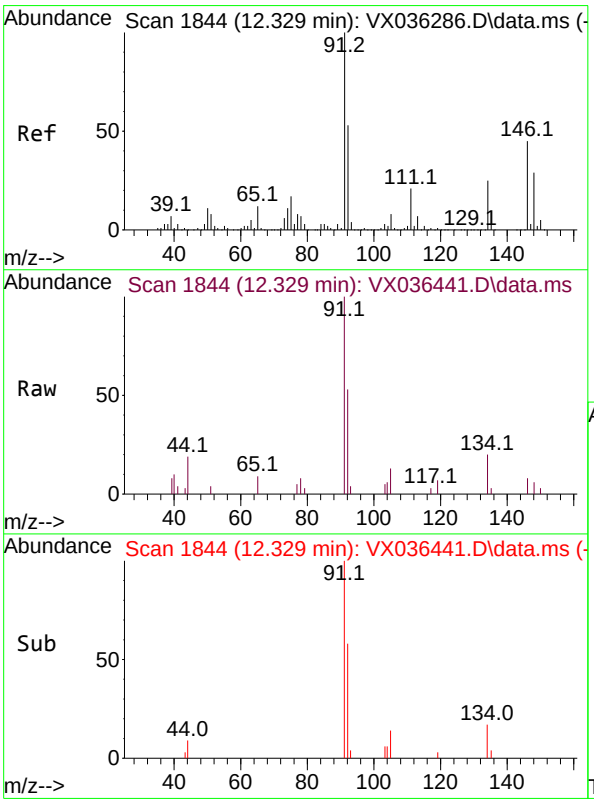
#78
n-propylbenzene
Concen: 0.846 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX036441.D
Acq: 06 Jul 2023 17:52

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 91 Resp: 8434

Ion	Ratio	Lower	Upper
91	100		
120	21.3	11.5	34.4

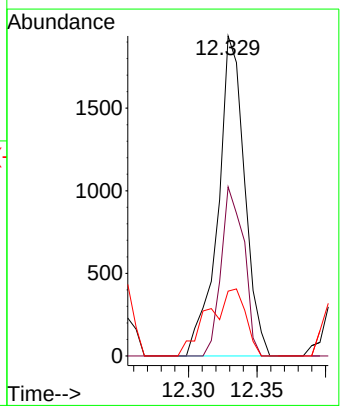


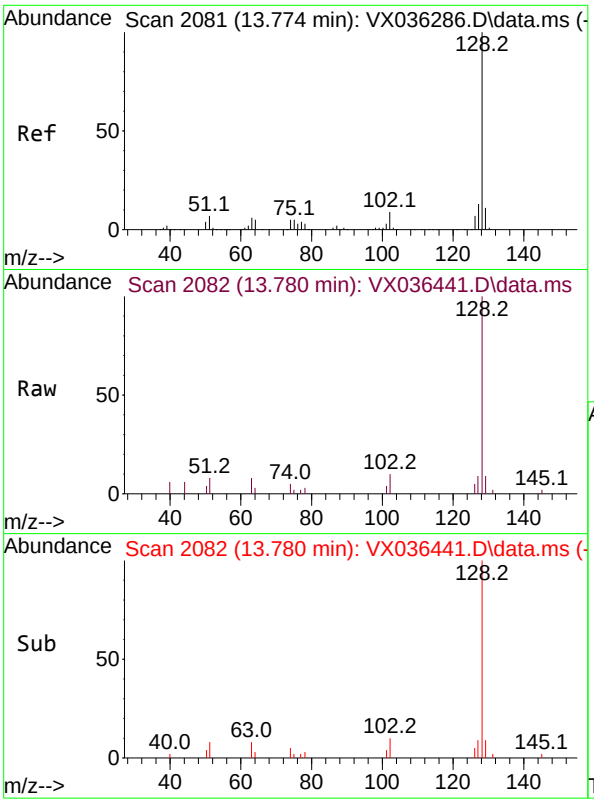


#89
n-Butylbenzene
Concen: 0.399 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX036441.D
Acq: 06 Jul 2023 17:52

Tgt Ion: 91 Resp: 2616

Ion	Ratio	Lower	Upper
91	100		
92	45.2	27.4	82.0
134	29.7	12.6	37.8





#95
Naphthalene
Concen: 0.526 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX036441.D
Acq: 06 Jul 2023 17:52

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:128 Resp: 4068

Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.3	15.5
129	14.7	8.8	13.2#