Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044231.D
Acq On : 11 Dec 2024 16:31
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 12 04:54:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	118071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	216551	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	83053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97547	47.120	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.240%			
35) Dibromofluoromethane	5.385	113	71560	47.713	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.420%			
50) Toluene-d8	8.647	98	266361	52.641	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.280%			
62) 4-Bromofluorobenzene	11.079	95	91612	51.815	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.620%			
Target Compounds						Qvalue
5) Bromomethane	1.605	94	513	0.398	ug/l #	75
11) Tert butyl alcohol	2.940	59	3073	10.533	ug/l #	71
14) Allyl chloride	2.648	41	492	0.223	ug/l #	40
15) Acrylonitrile	3.087	53	187	0.231	ug/l #	89
16) Acetone	2.392	43	673	0.797	ug/l #	89
17) Carbon Disulfide	2.501	76	1167	0.464	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	285	0.203	ug/l #	82
31) Cyclohexane	5.556	56	3255	1.457	ug/l #	47
36) 1,1-Dichloropropene	5.550	75	10938	5.642	ug/l #	51
38) Carbon Tetrachloride	5.544	117	14096	6.753	ug/l #	17
44) Trichloroethene	7.147	130	390	0.266	ug/l	42
53) t-1,3-Dichloropropene	9.019	75	185	1.084	ug/l #	41
60) Dibromochloromethane	9.287	129	116	1.307	ug/l #	11
71) Bromoform	10.817	173	32	1.267	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	50582	27.277	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	50582	75.021	ug/l #	4
87) 1,3-Dichlorobenzene	11.981	146	554	0.206	ug/l	90
88) 1,4-Dichlorobenzene	11.981	146	554	0.200	ug/l	90
93) 1,2,4-Trichlorobenzene	13.603	180	521	0.340	ug/l #	57
95) Naphthalene	13.786	128	2754	0.460	ug/l #	88
96) 1,2,3-Trichlorobenzene	13.963	180	465	0.286	ug/l #	82

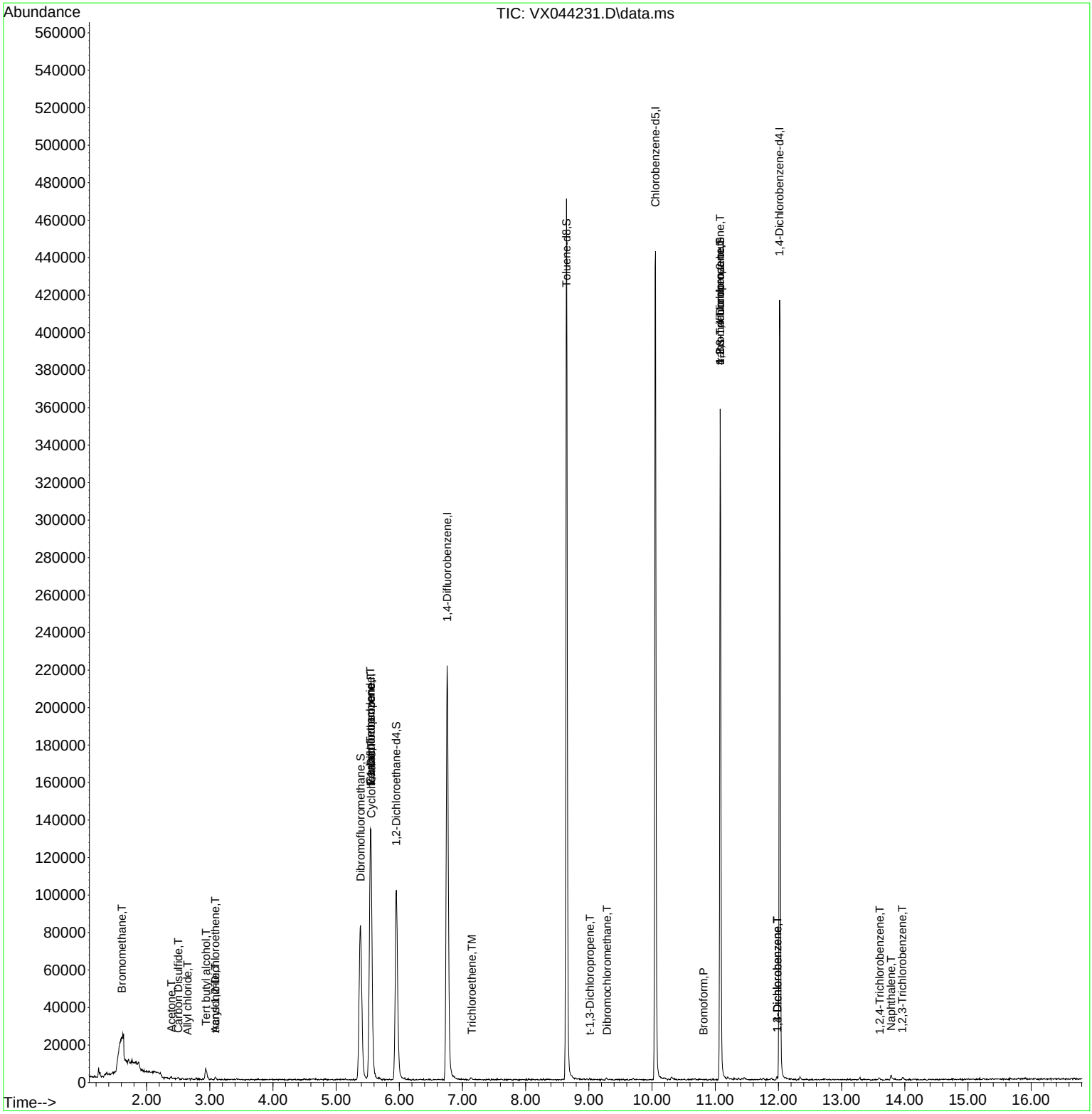
(#) = qualifier out of range (m) = manual integration (+) = signals summed

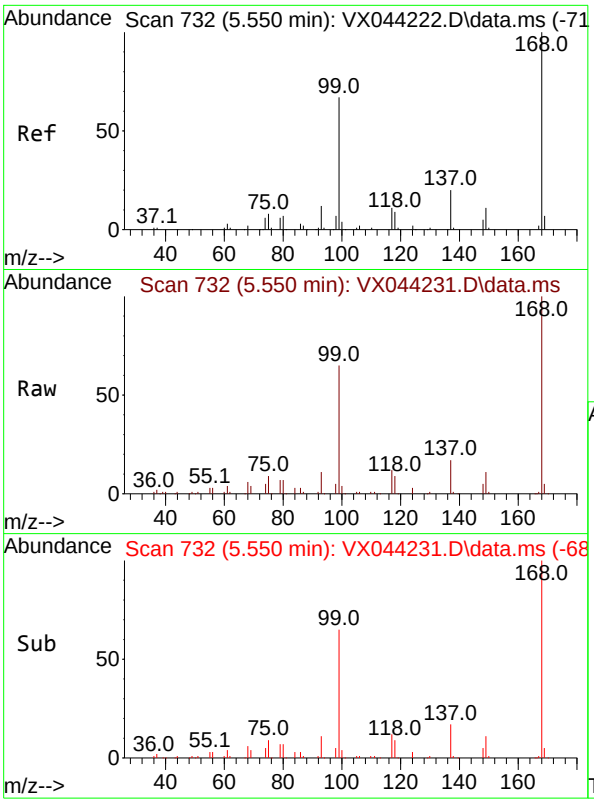
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
Data File : VX044231.D
Acq On : 11 Dec 2024 16:31
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 12 04:54:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



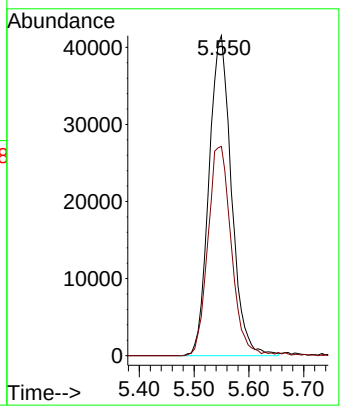


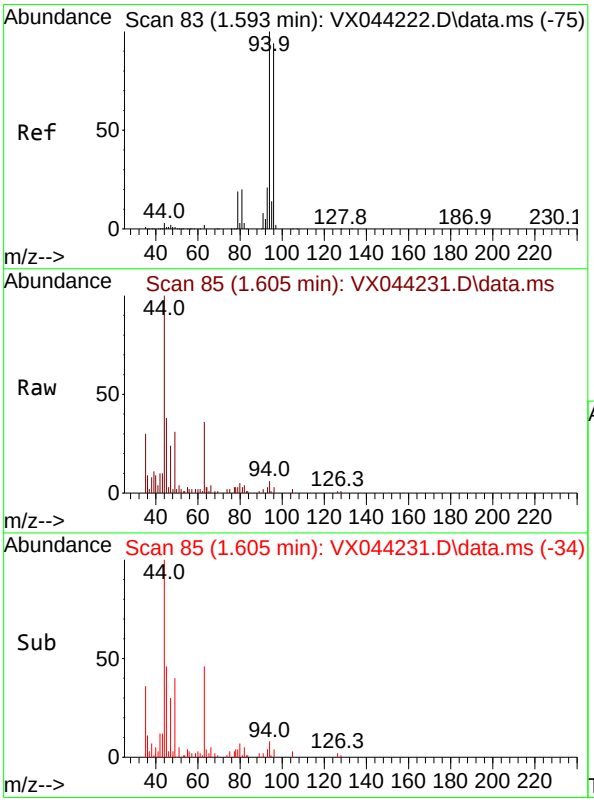
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 118071

Ion	Ratio	Lower	Upper
168	100		
99	65.4	53.4	80.0

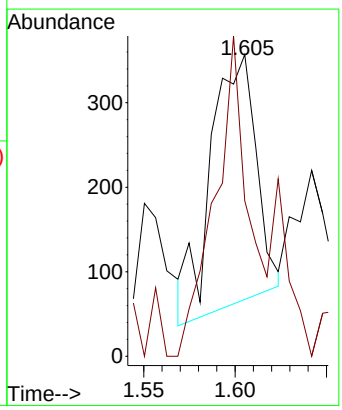


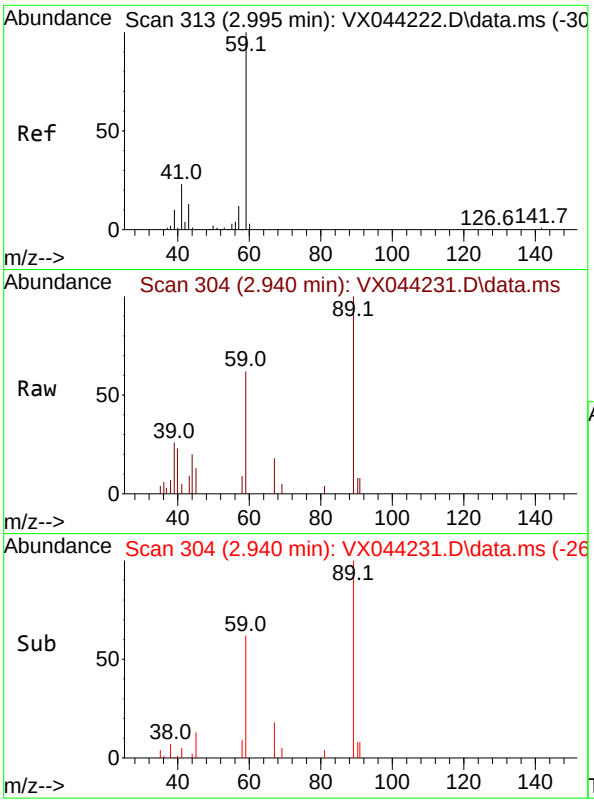


#5
Bromomethane
Concen: 0.398 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.012 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Tgt Ion: 94 Resp: 513

Ion	Ratio	Lower	Upper
94	100		
96	69.2	74.9	112.3#



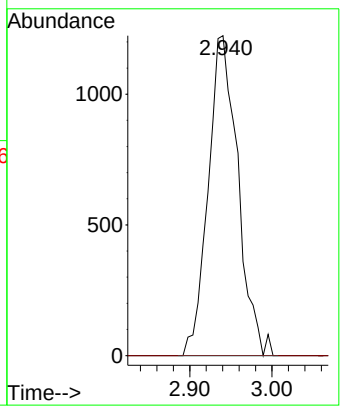


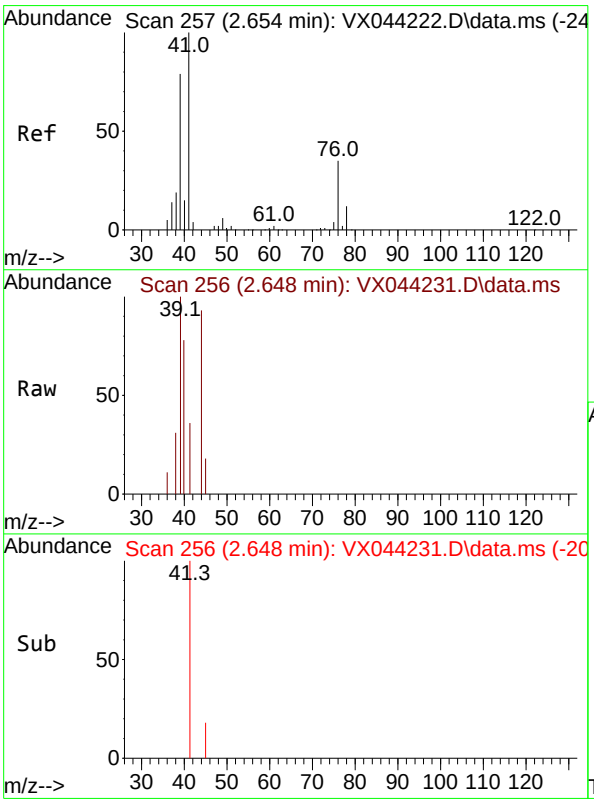
#11
Tert butyl alcohol
Concen: 10.533 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.055 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 3073

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.8	13.2#

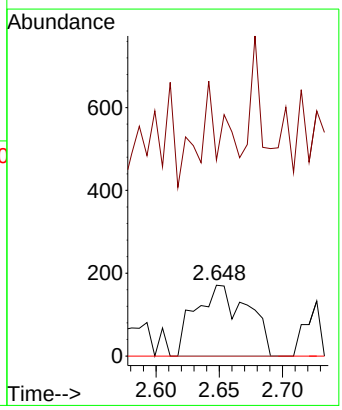


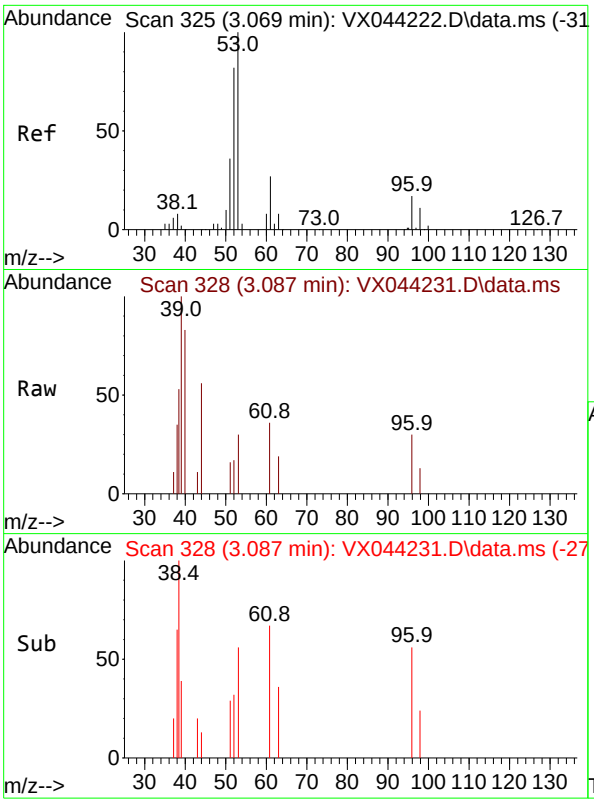


#14
Allyl chloride
Concen: 0.223 ug/l
RT: 2.648 min Scan# 256
Delta R.T. -0.006 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Tgt Ion: 41 Resp: 492

Ion	Ratio	Lower	Upper
41	100		
39	25.0	61.9	92.9#
76	0.0	27.4	41.2#



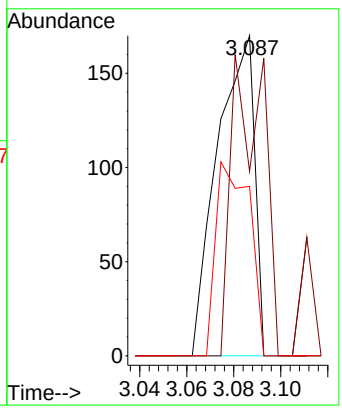


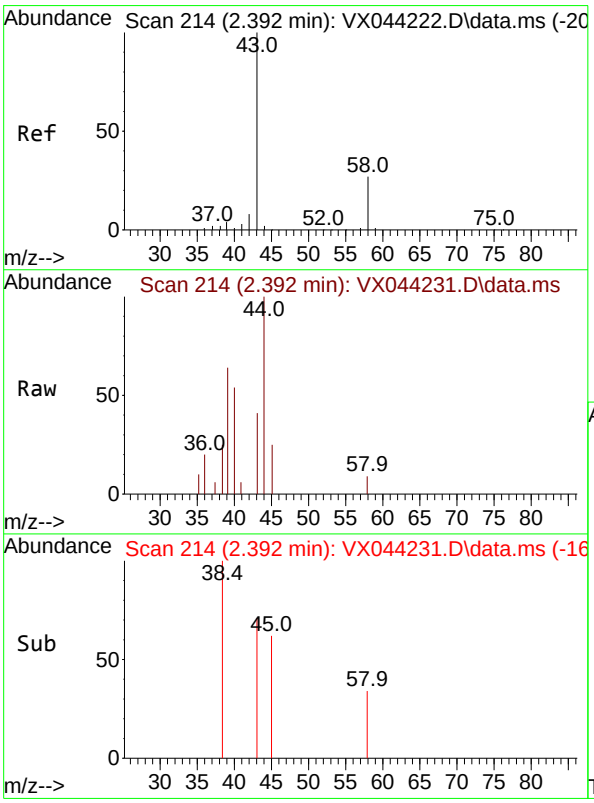
#15
Acrylonitrile
Concen: 0.231 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.018 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 187

Ion	Ratio	Lower	Upper
53	100		
52	81.3	67.4	101.0
51	55.1	30.3	45.5#

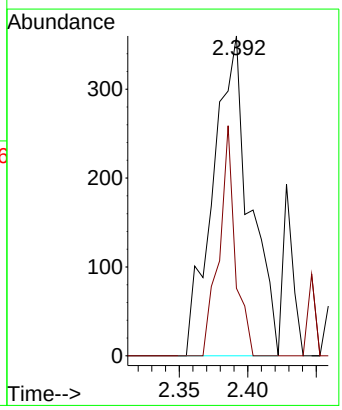


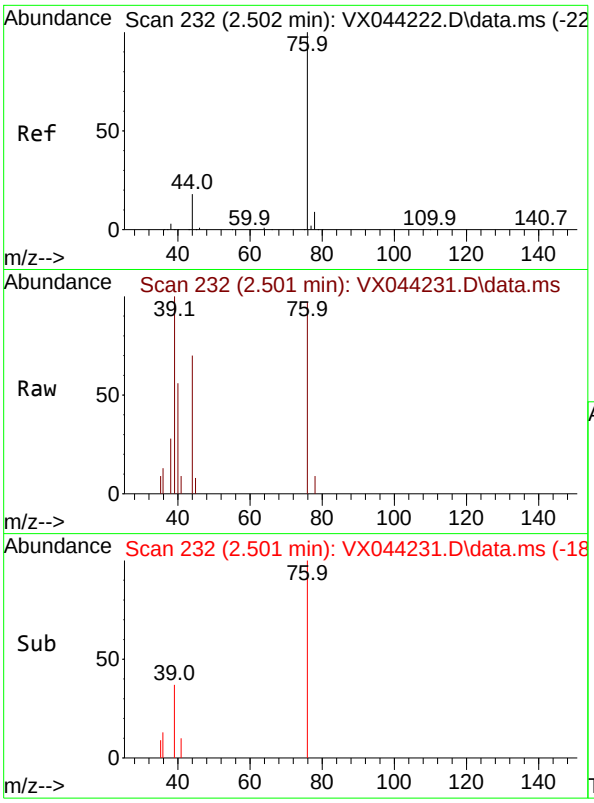


#16
Acetone
Concen: 0.797 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Tgt Ion: 43 Resp: 673

Ion	Ratio	Lower	Upper
43	100		
58	21.1	21.6	32.4#



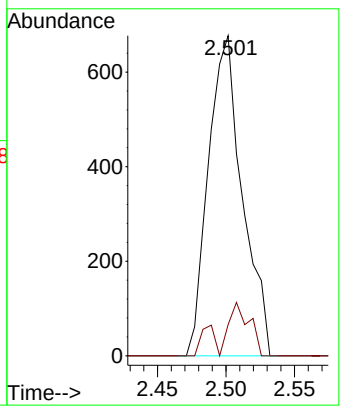


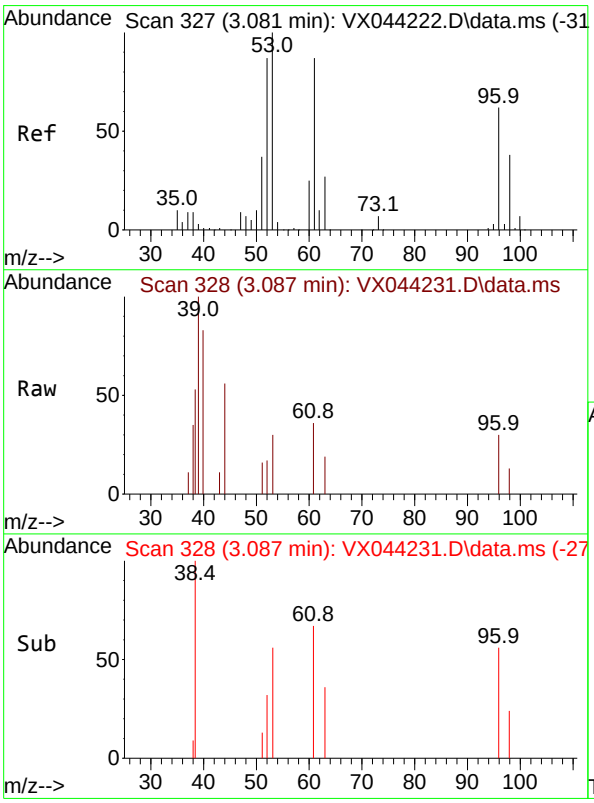
#17
Carbon Disulfide
Concen: 0.464 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 1167

Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.4	11.0

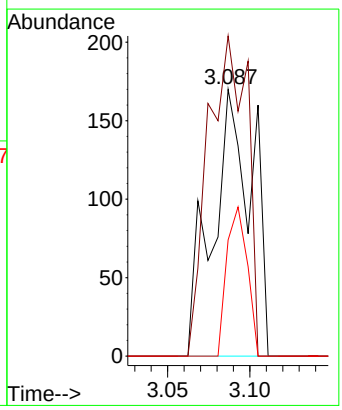


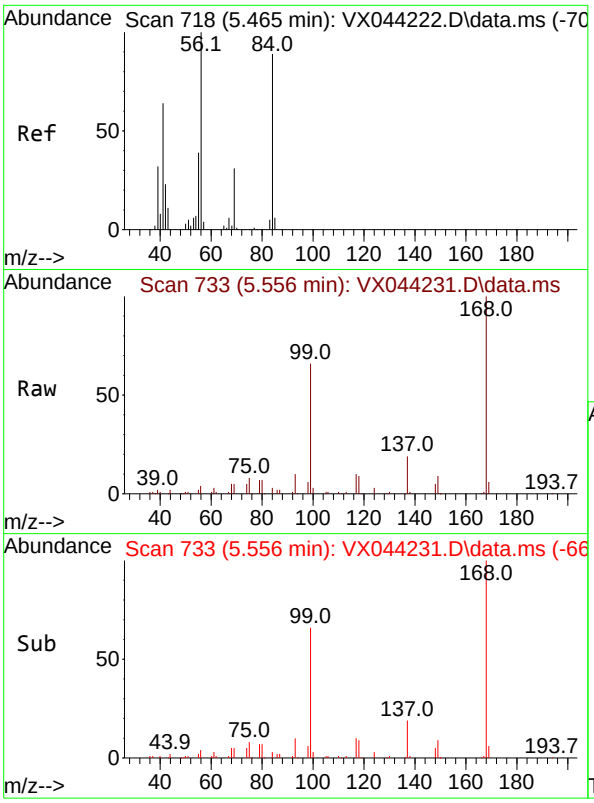


#21
trans-1,2-Dichloroethene
Concen: 0.203 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.006 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Tgt Ion: 96 Resp: 285

Ion	Ratio	Lower	Upper
96	100		
61	120.0	112.0	168.0
98	43.5	48.8	73.2#



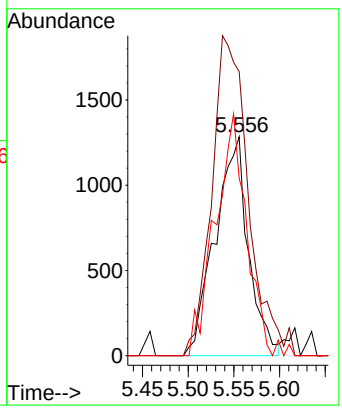


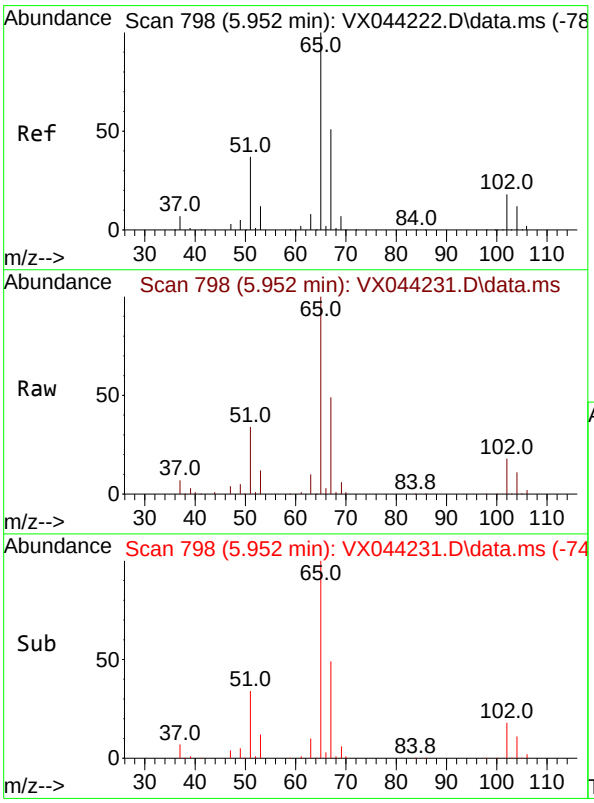
#31
Cyclohexane
Concen: 1.457 ug/l
RT: 5.556 min Scan# 7
Delta R.T. 0.091 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 3255

Ion	Ratio	Lower	Upper
56	100		
69	129.8	24.7	37.1#
84	81.2	71.0	106.6

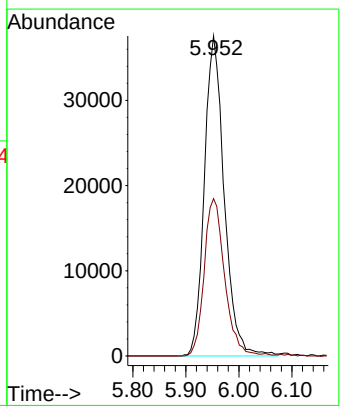


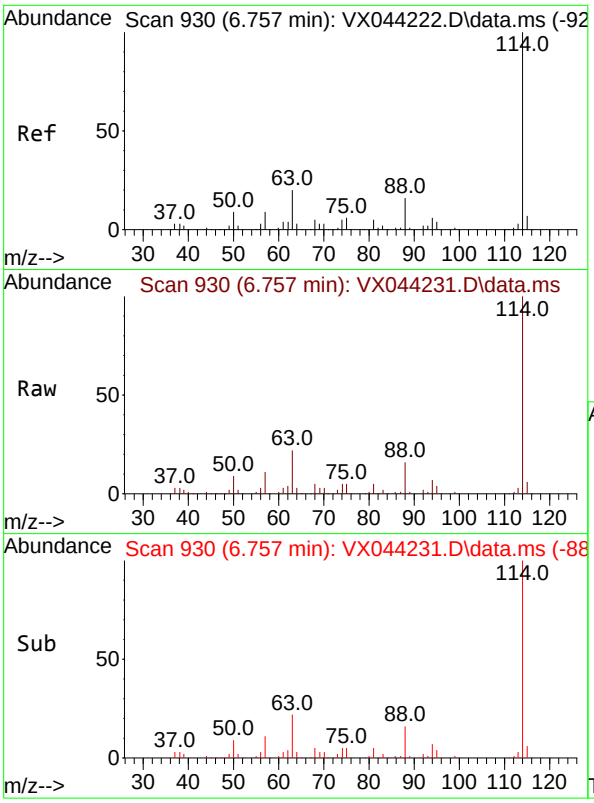


#33
1,2-Dichloroethane-d4
Concen: 47.120 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Tgt Ion: 65 Resp: 97547

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	101.6



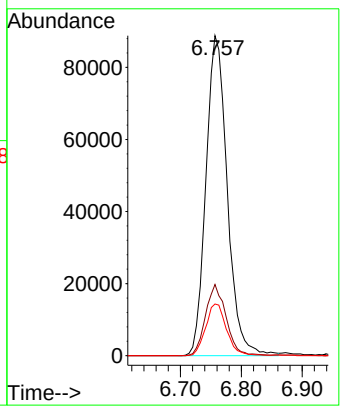


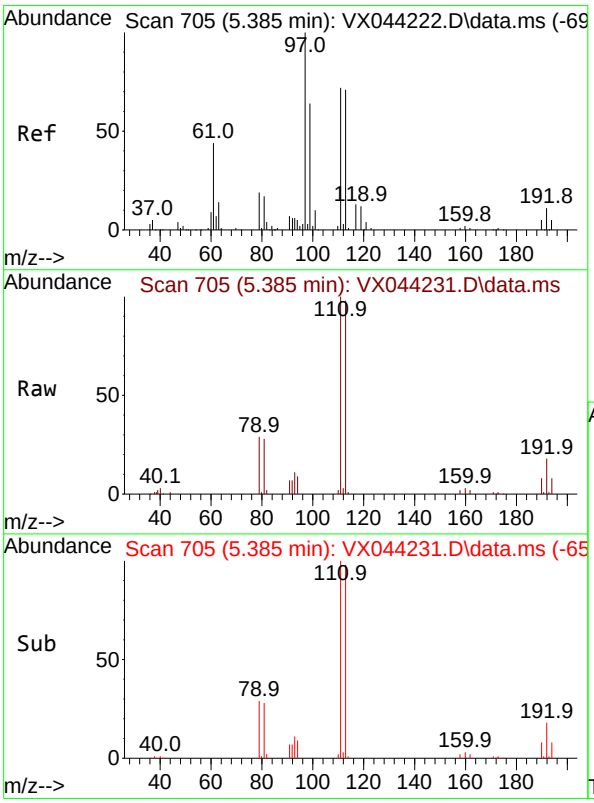
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 216551

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	40.6
88	16.1	0.0	31.8

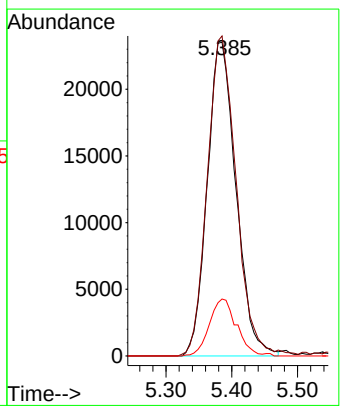


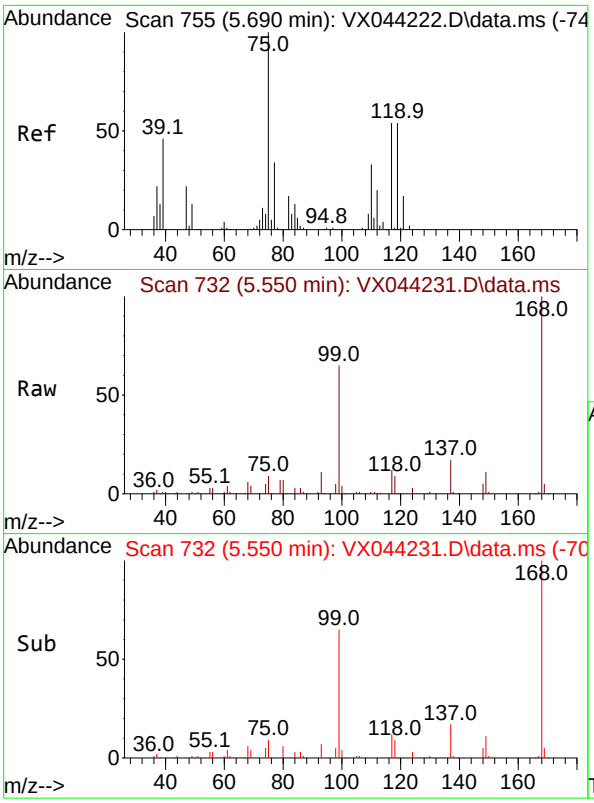


#35
Dibromofluoromethane
Concen: 47.713 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Tgt Ion:113 Resp: 71560

Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.4	120.6
192	17.3	13.3	19.9



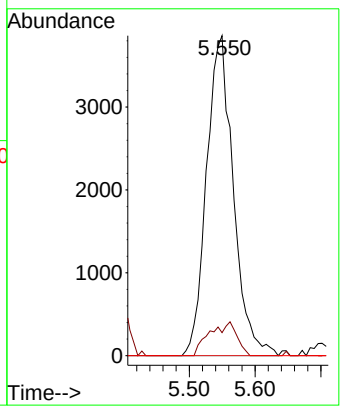


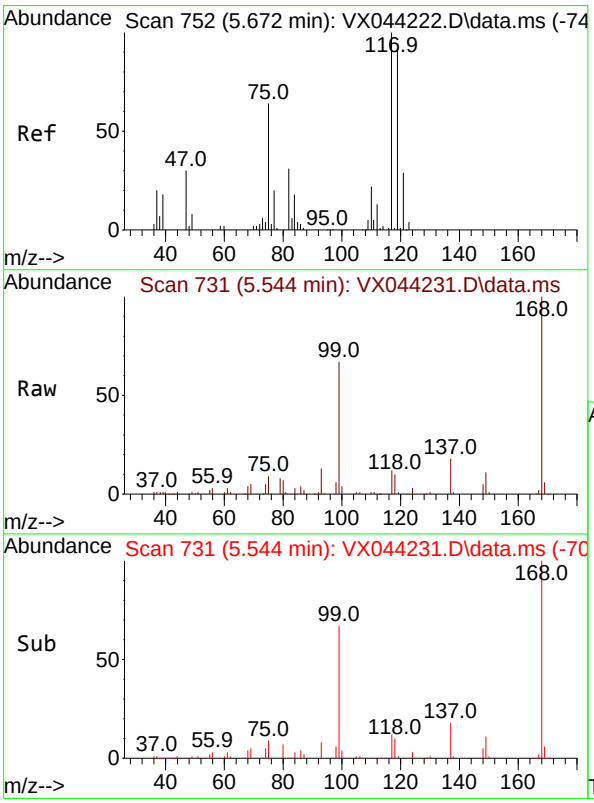
#36
1,1-Dichloropropene
Concen: 5.642 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.140 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 10938

Ion	Ratio	Lower	Upper
75	100		
110	10.8	17.3	51.7#
77	0.0	25.4	38.0#

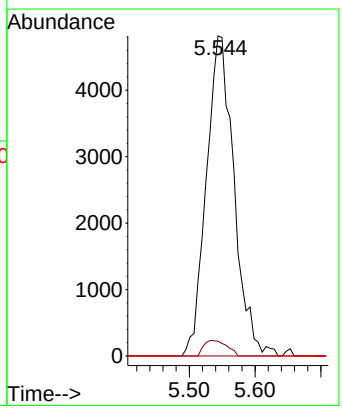


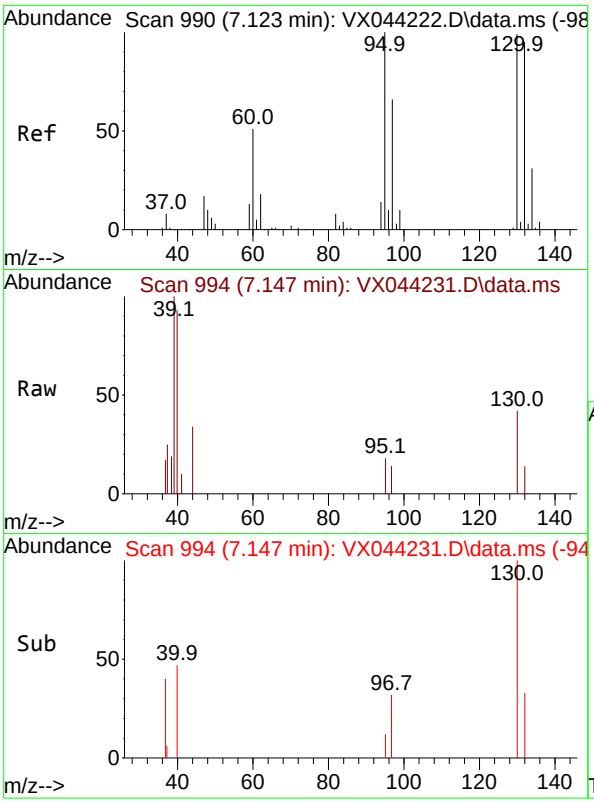


#38
Carbon Tetrachloride
Concen: 6.753 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Tgt Ion:117 Resp: 14096

Ion	Ratio	Lower	Upper
117	100		
119	4.6	74.2	111.4#
121	0.0	23.0	34.6#



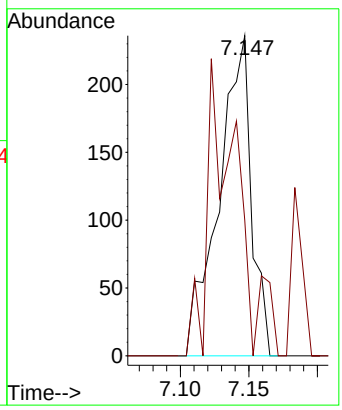


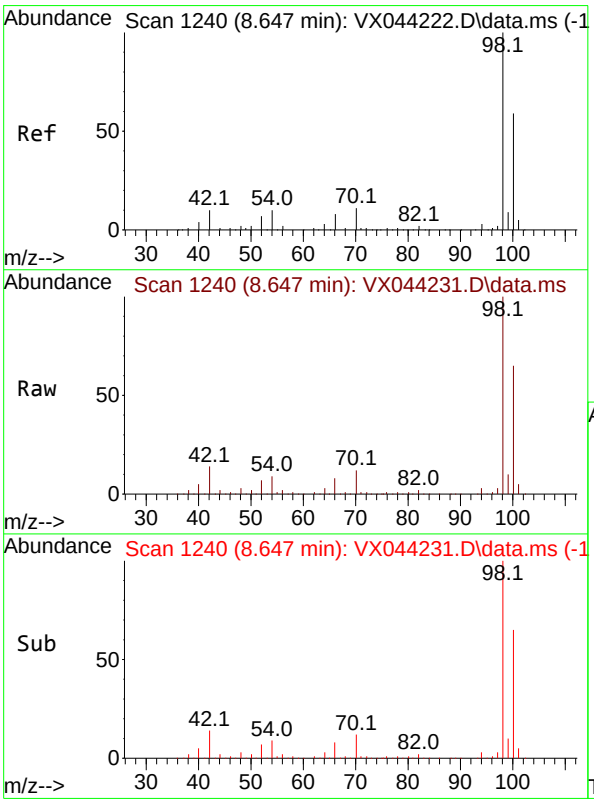
#44
Trichloroethene
Concen: 0.266 ug/l
RT: 7.147 min Scan# 9
Delta R.T. 0.024 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp: 390

Ion	Ratio	Lower	Upper
130	100		
95	42.4	0.0	201.4

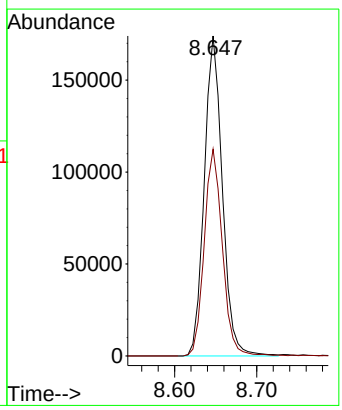


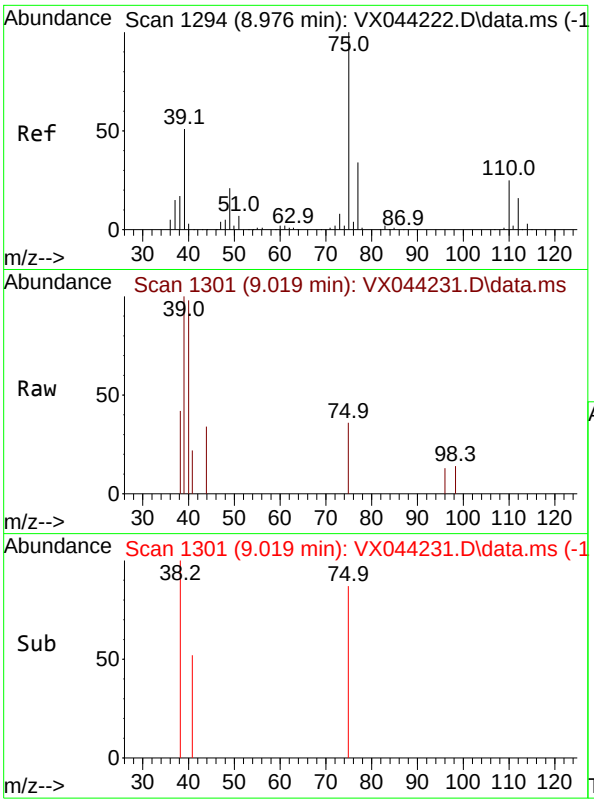


#50
Toluene-d8
Concen: 52.641 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Tgt Ion: 98 Resp: 266361

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.5	77.3



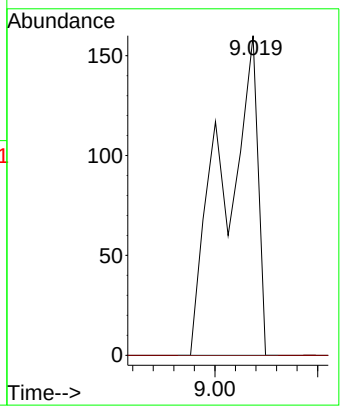


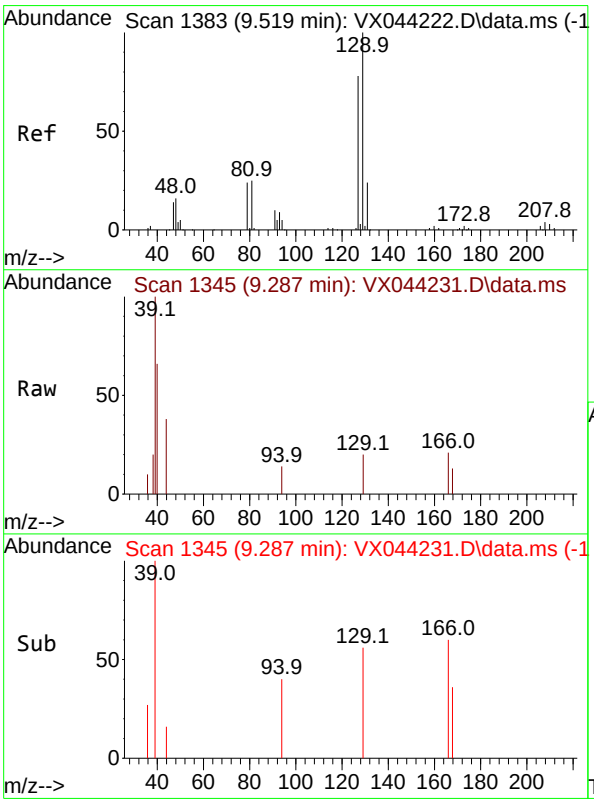
#53
t-1,3-Dichloropropene
Concen: 1.084 ug/l
RT: 9.019 min Scan# 1
Delta R.T. 0.042 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 185

Ion	Ratio	Lower	Upper
75	100		
77	0.0	27.2	40.8#

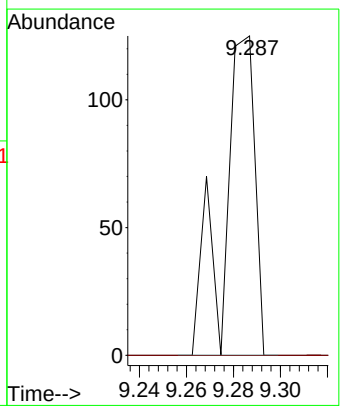


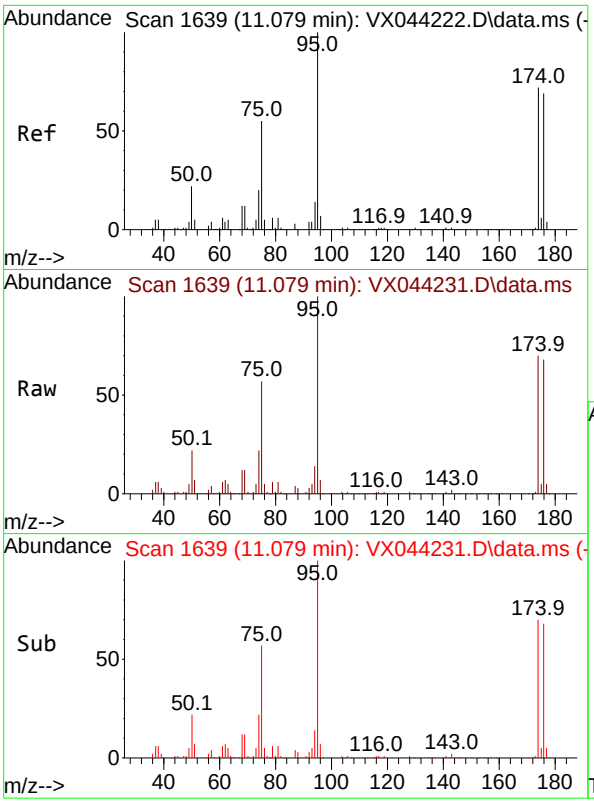


#60
Dibromochloromethane
Concen: 1.307 ug/l
RT: 9.287 min Scan# 1345
Delta R.T. -0.232 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Tgt Ion:129 Resp: 116

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.3#



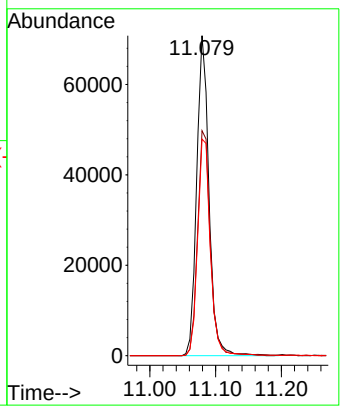


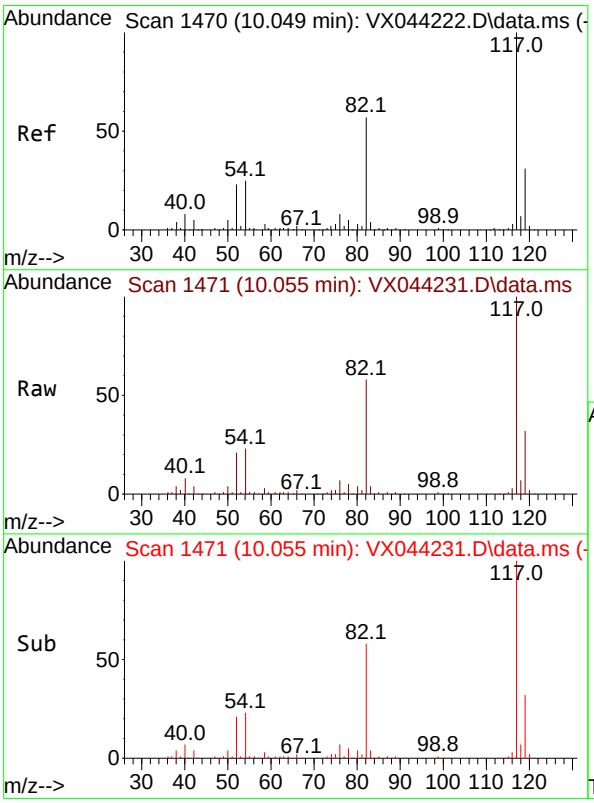
#62
4-Bromofluorobenzene
Concen: 51.815 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 91612

Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	145.8
176	69.9	0.0	137.8

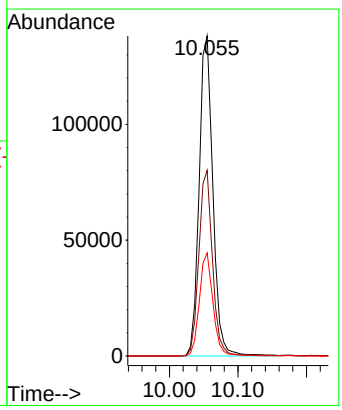


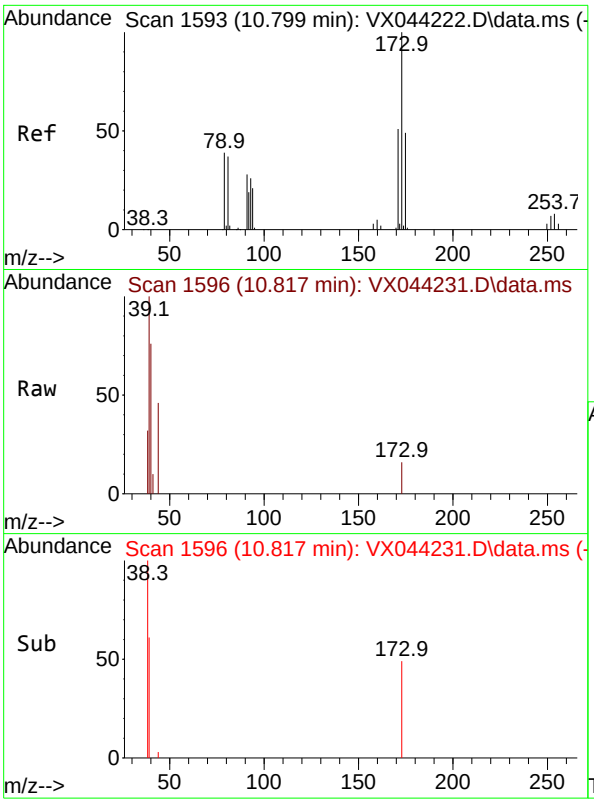


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Tgt Ion:117 Resp: 193218

Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.8	68.8
119	32.2	25.0	37.4



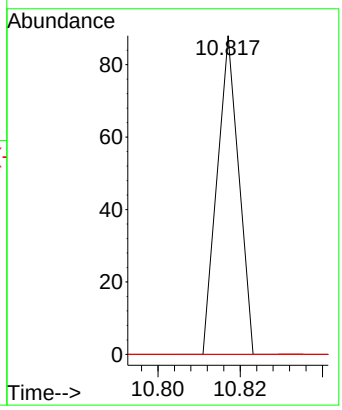


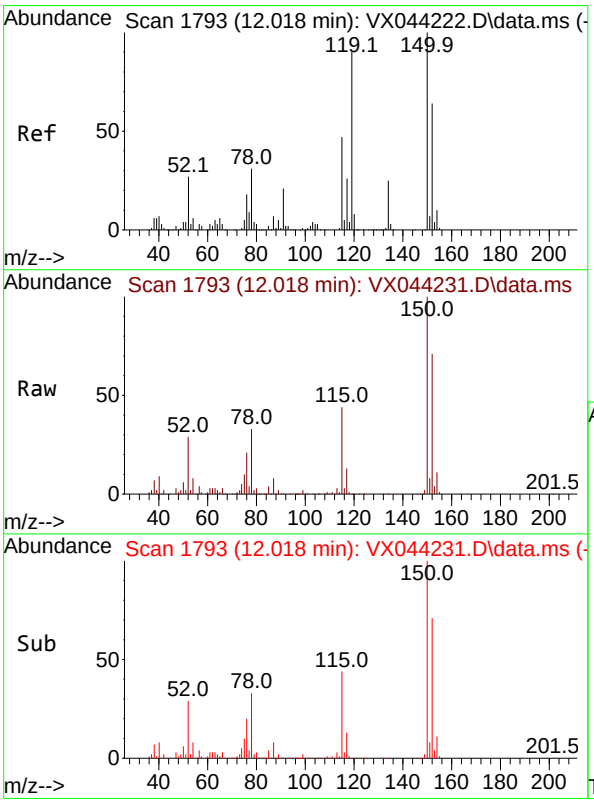
#71
Bromoform
Concen: 1.267 ug/l
RT: 10.817 min Scan# 1
Delta R.T. 0.018 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:173 Resp: 32

Ion	Ratio	Lower	Upper
173	100		
175	0.0	23.8	71.4#
254	0.0	0.0	0.0

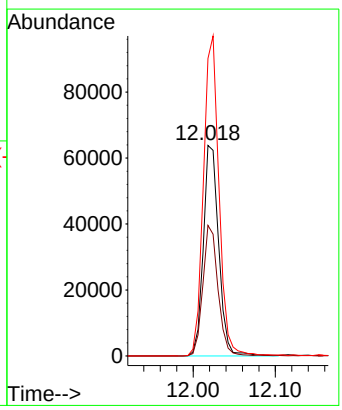


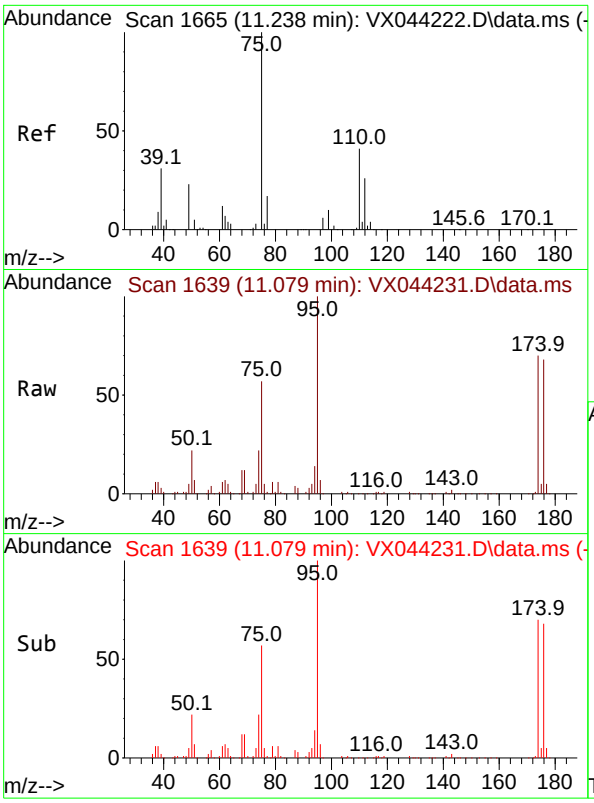


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Tgt Ion:152 Resp: 83053

Ion	Ratio	Lower	Upper
152	100		
115	61.5	44.5	133.3
150	153.8	0.0	353.8



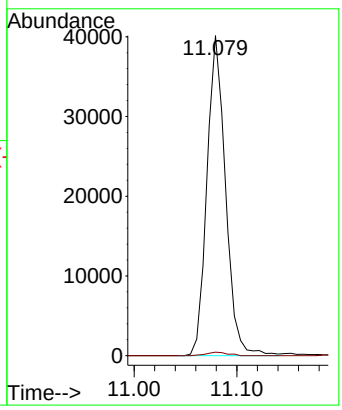


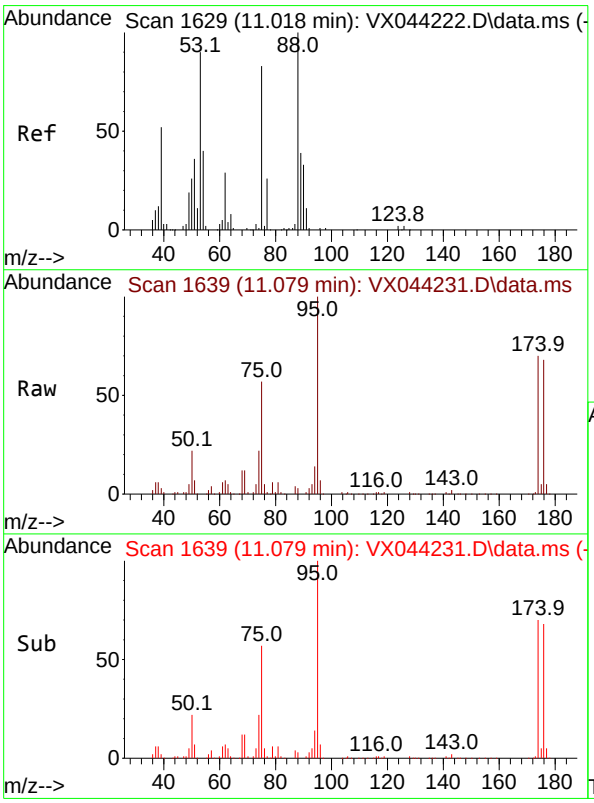
#76
1,2,3-Trichloropropane
Concen: 27.277 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.159 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 50582

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.9	62.7#

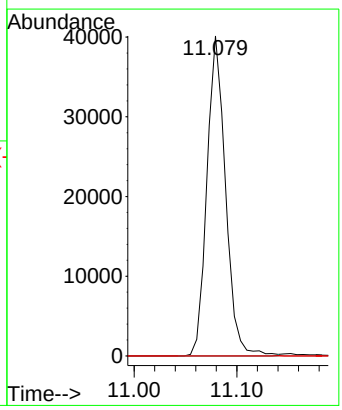


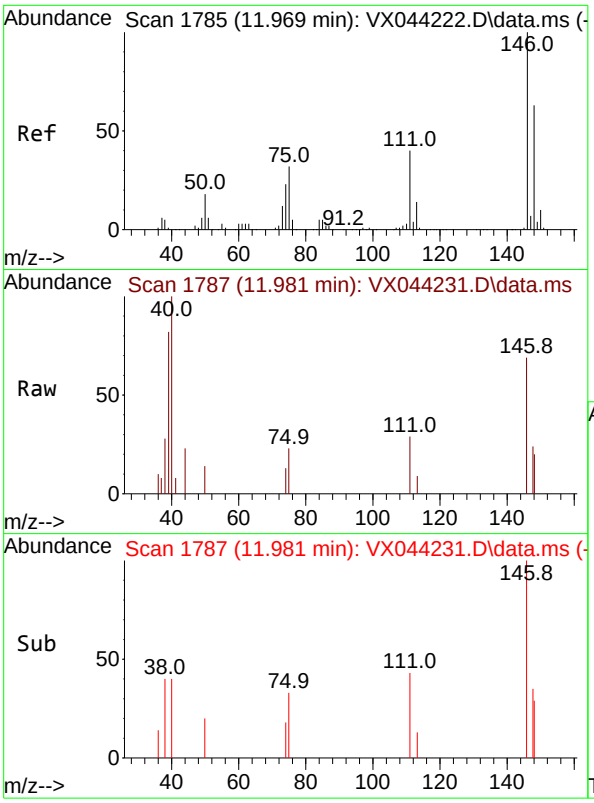


#81
trans-1,4-Dichloro-2-butene
Concen: 75.021 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Tgt Ion: 75 Resp: 50582

Ion	Ratio	Lower	Upper
75	100		
53	0.0	93.6	140.4#
89	0.0	37.3	55.9#



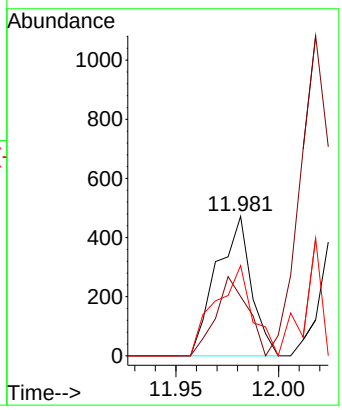


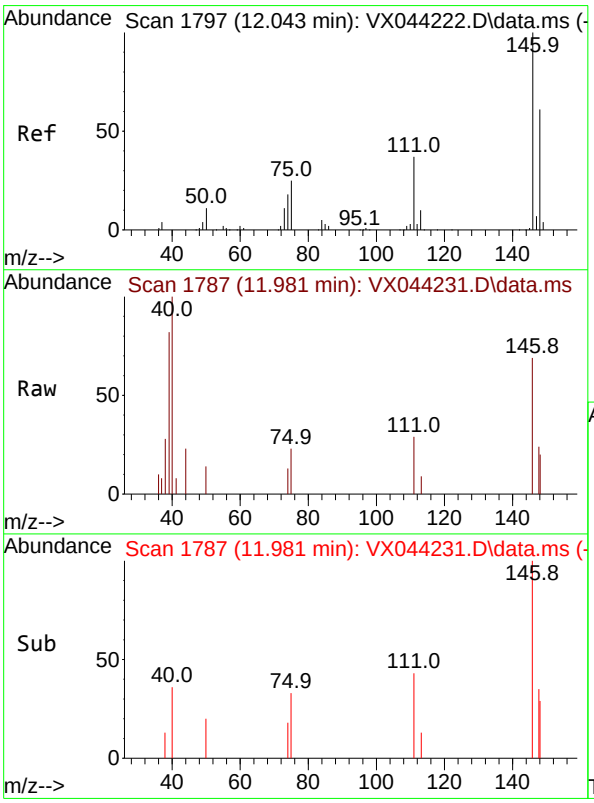
#87
1,3-Dichlorobenzene
Concen: 0.206 ug/l
RT: 11.981 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 554

Ion	Ratio	Lower	Upper
146	100		
111	52.2	21.4	64.2
148	69.0	31.7	95.1

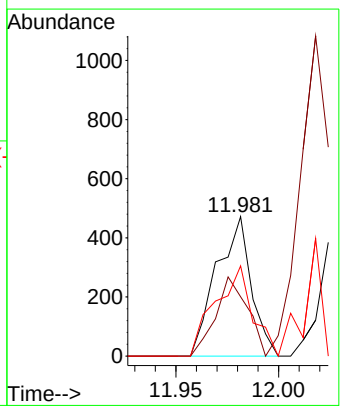


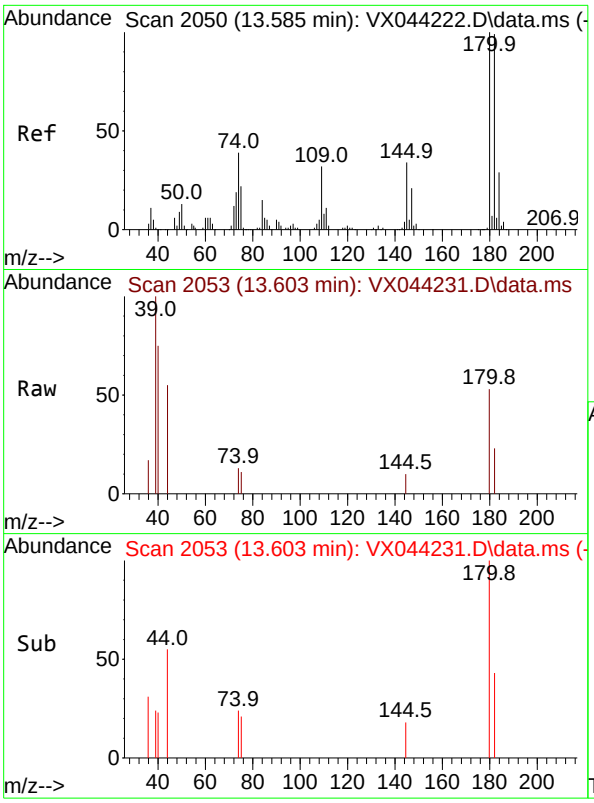


#88
1,4-Dichlorobenzene
Concen: 0.200 ug/l
RT: 11.981 min Scan# 1787
Delta R.T. -0.061 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Tgt Ion:146 Resp: 554

Ion	Ratio	Lower	Upper
146	100		
111	52.2	21.0	63.0
148	69.0	32.3	96.8



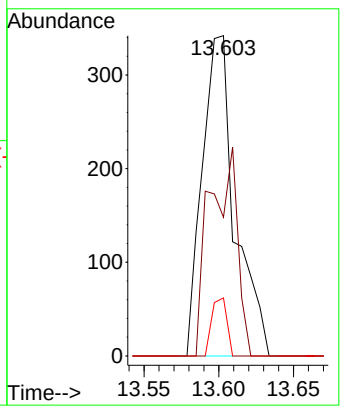


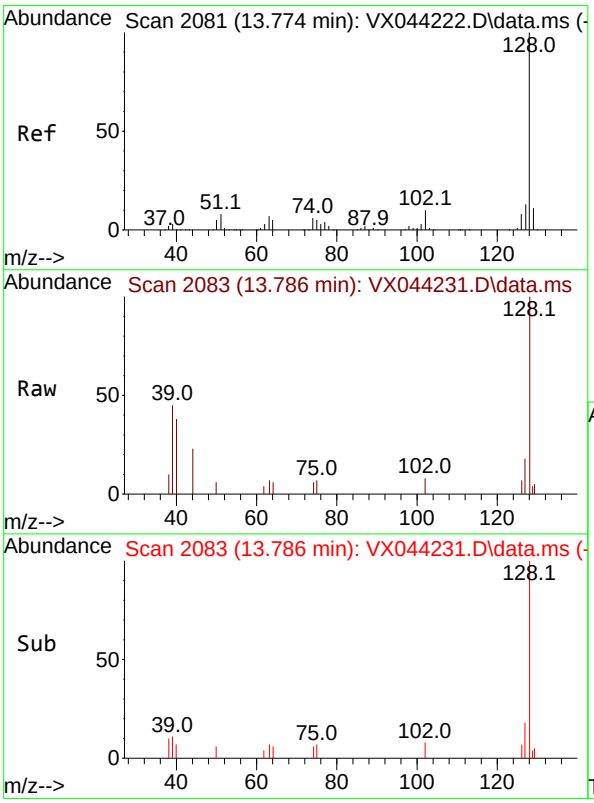
#93
1,2,4-Trichlorobenzene
Concen: 0.340 ug/l
RT: 13.603 min Scan# 2
Delta R.T. 0.018 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 521

Ion	Ratio	Lower	Upper
180	100		
182	54.9	48.0	144.2
145	8.4	16.6	49.7#

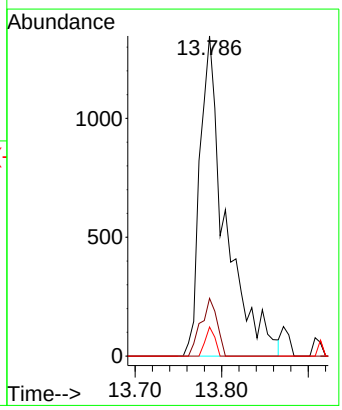


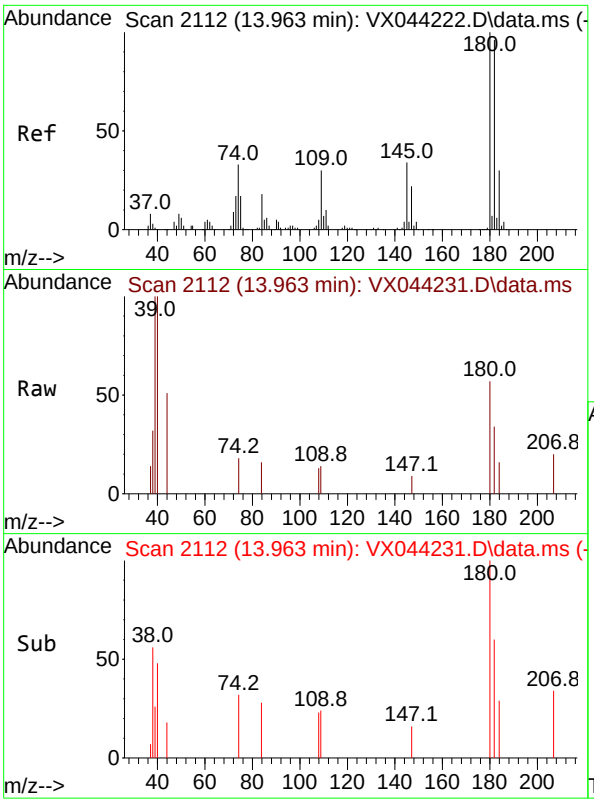


#95
Naphthalene
Concen: 0.460 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Tgt Ion:128 Resp: 2754

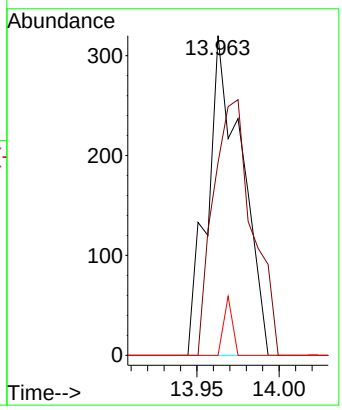
Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.5	15.7
129	3.4	9.0	13.4#





#96
1,2,3-Trichlorobenzene
Concen: 0.286 ug/l
RT: 13.963 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 465

Ion	Ratio	Lower	Upper
180	100		
182	90.8	48.0	144.0
145	4.7	17.7	53.1#