Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044485.D
Acq On : 23 Dec 2024 17:09
Operator : JC/MD
Sample : P5317-21 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 23 22:13:19 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	5.544	168	144075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	249365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	221444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	102248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	104514	41.374	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 82.740%			
35) Dibromofluoromethane	5.385	113	82534	47.788	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.580%			
50) Toluene-d8	8.647	98	310298	53.255	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.500%			
62) 4-Bromofluorobenzene	11.079	95	102247	50.220	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.440%			
Target Compounds						Qvalue
5) Bromomethane	1.593	94	643	0.408	ug/l #	72
6) Chloroethane	1.678	64	307	0.222	ug/l #	41
9) 1,1,2-Trichlorotrifluo...	2.319	101	1168	0.664	ug/l #	87
11) Tert butyl alcohol	2.940	59	5236	14.707	ug/l #	71
12) 1,1-Dichloroethene	2.319	96	625	0.387	ug/l #	84
13) Acrolein	2.245	56	132	0.256	ug/l #	36
14) Allyl chloride	2.660	41	736	0.274	ug/l #	68
15) Acrylonitrile	3.081	53	242	0.245	ug/l #	65
16) Acetone	2.392	43	547	0.531	ug/l #	81
17) Carbon Disulfide	2.501	76	1291	0.421	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	412	0.240	ug/l #	51
31) Cyclohexane	5.537	56	3577	1.312	ug/l #	33
36) 1,1-Dichloropropene	5.544	75	11902	5.331	ug/l #	49
38) Carbon Tetrachloride	5.544	117	14934	6.213	ug/l #	17
44) Trichloroethene	7.123	130	67143	39.722	ug/l	92
49) 1,4-Dioxane	7.683	88	20	0.576	ug/l #	32
53) t-1,3-Dichloropropene	9.006	75	170	1.066	ug/l #	41
60) Dibromochloromethane	9.525	129	19	1.242	ug/l #	1
64) Tetrachloroethene	9.268	164	428	0.291	ug/l #	76
68) m/p-Xylenes	10.311	106	702	0.233	ug/l	89
71) Bromoform	10.805	173	97	1.329	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	56229	24.630	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	56229	68.281	ug/l #	4
87) 1,3-Dichlorobenzene	11.969	146	795	0.240	ug/l	92
88) 1,4-Dichlorobenzene	11.969	146	795	0.233	ug/l	93
93) 1,2,4-Trichlorobenzene	13.597	180	560	0.297	ug/l	92
95) Naphthalene	13.780	128	2946	0.400	ug/l	95
96) 1,2,3-Trichlorobenzene	13.969	180	720	0.360	ug/l	96

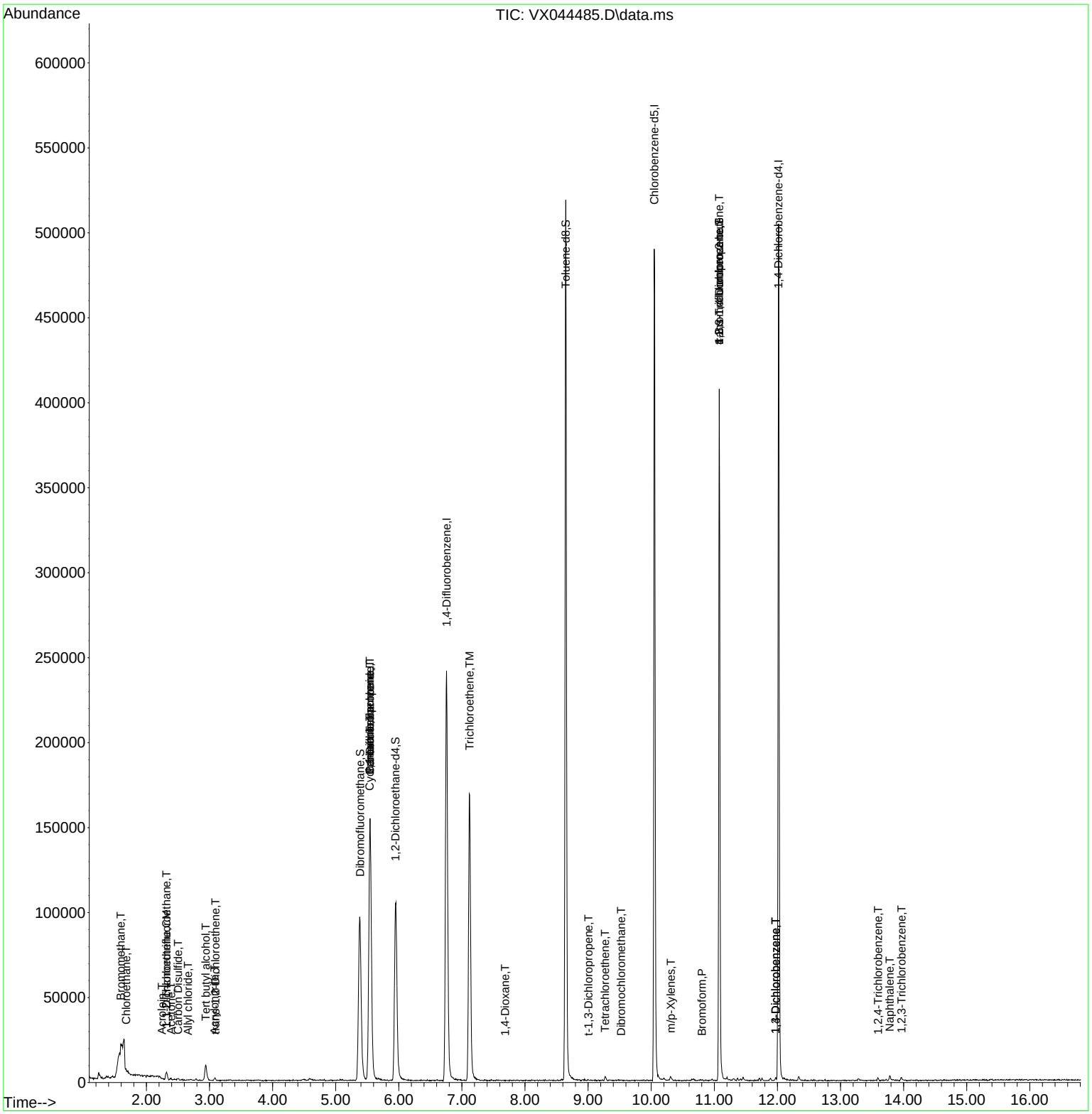
(#) = qualifier out of range (m) = manual integration (+) = signals summed

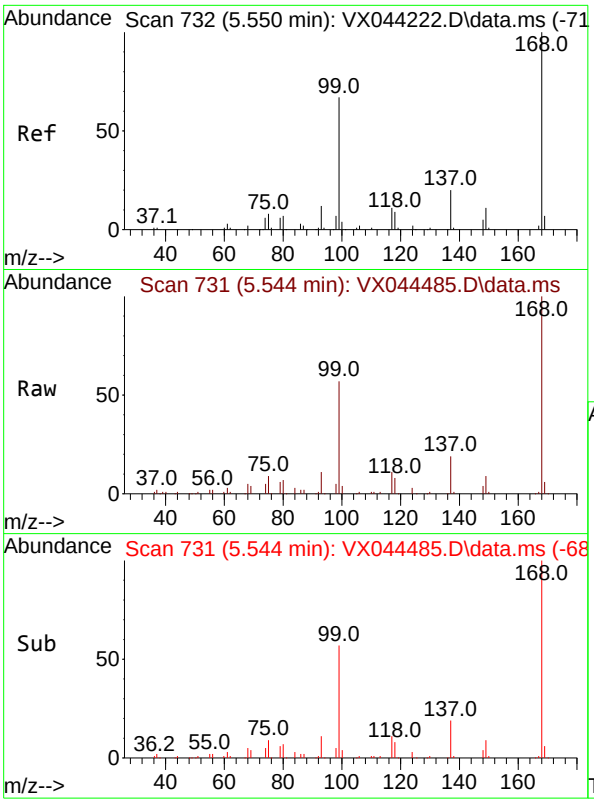
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044485.D
Acq On : 23 Dec 2024 17:09
Operator : JC/MD
Sample : P5317-21 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 23 22:13:19 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



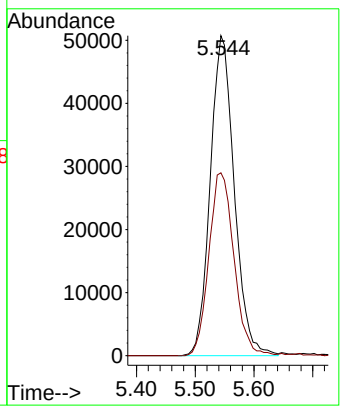


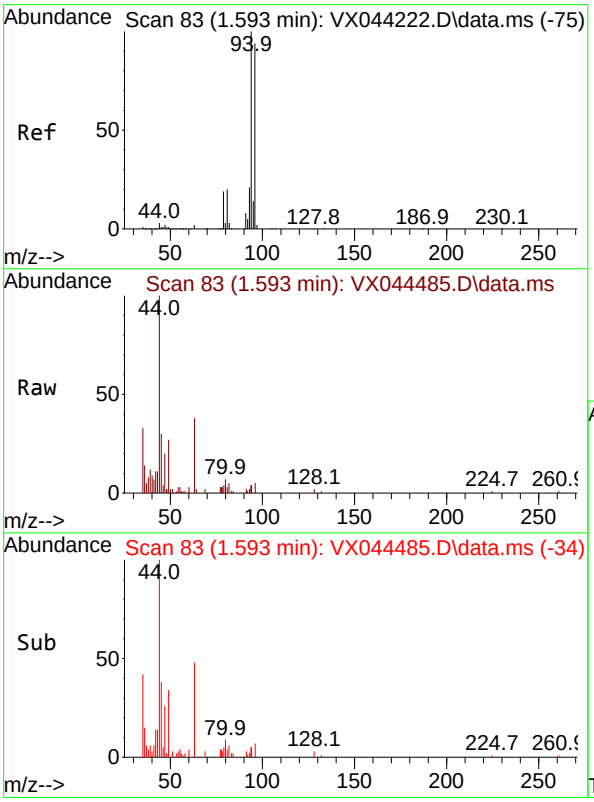
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 144075

Ion	Ratio	Lower	Upper
168	100		
99	57.1	53.4	80.0

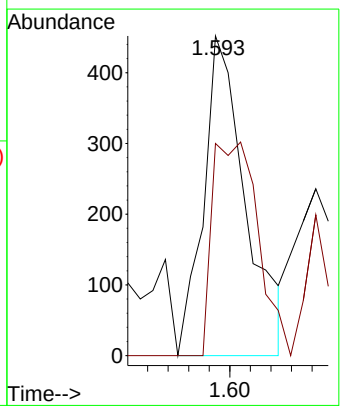


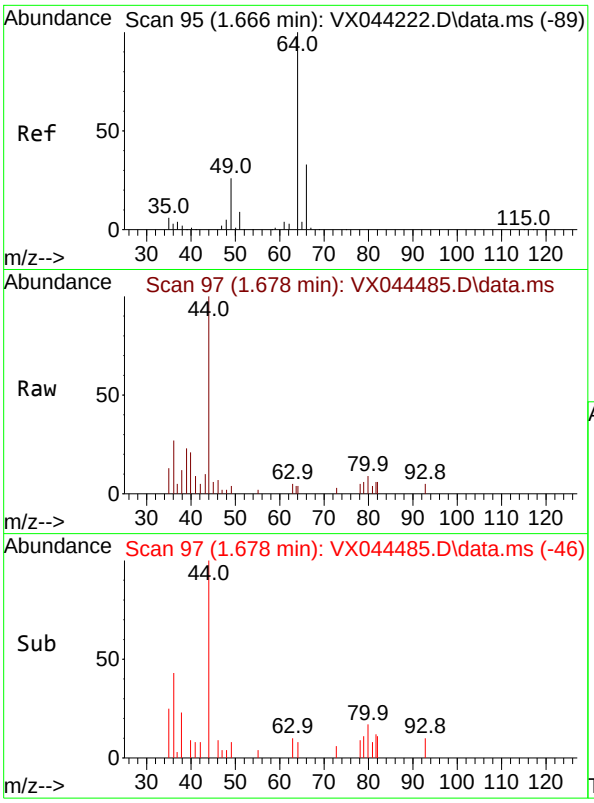


#5
Bromomethane
Concen: 0.408 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Tgt Ion: 94 Resp: 643

Ion	Ratio	Lower	Upper
94	100		
96	66.4	74.9	112.3#



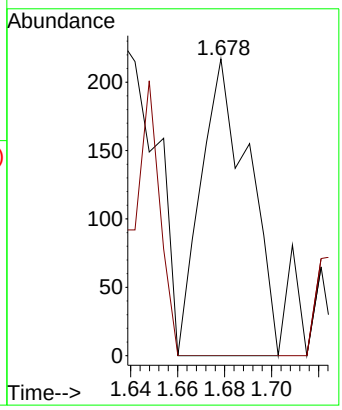


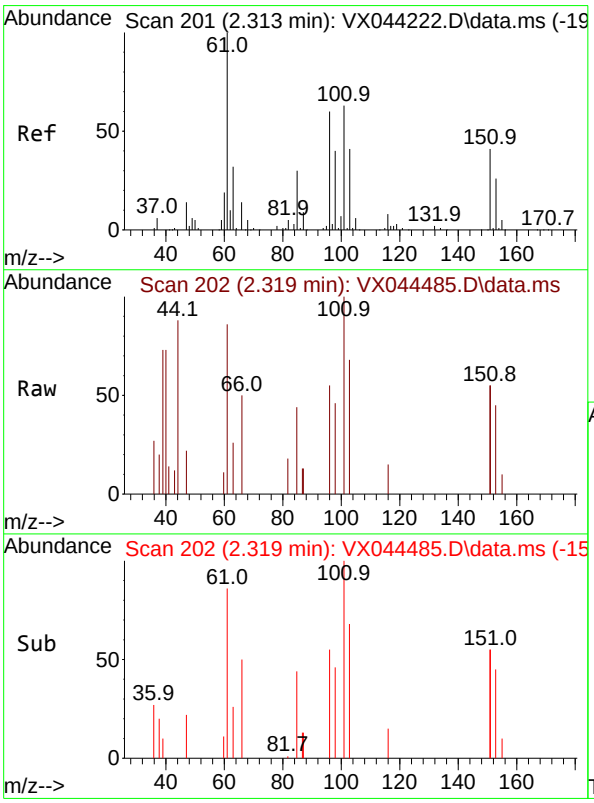
#6
Chloroethane
Concen: 0.222 ug/l
RT: 1.678 min Scan# 9
Delta R.T. 0.012 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 307

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.6	39.8#

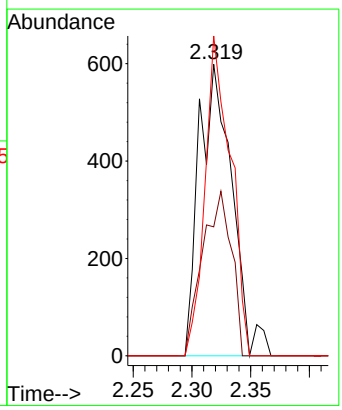


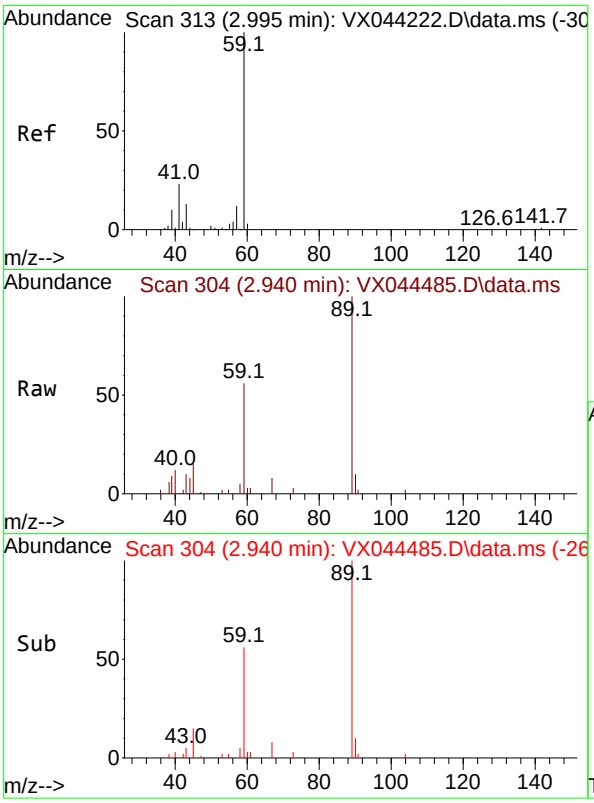


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.664 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Tgt Ion:101 Resp: 1168

Ion	Ratio	Lower	Upper
101	100		
85	49.7	38.5	57.7
151	85.7	55.8	83.6#



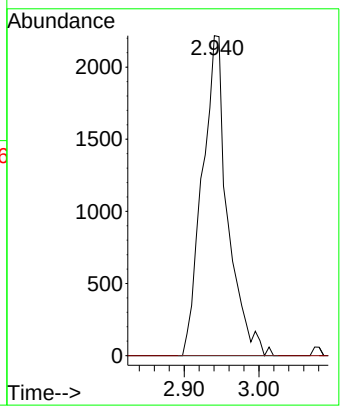


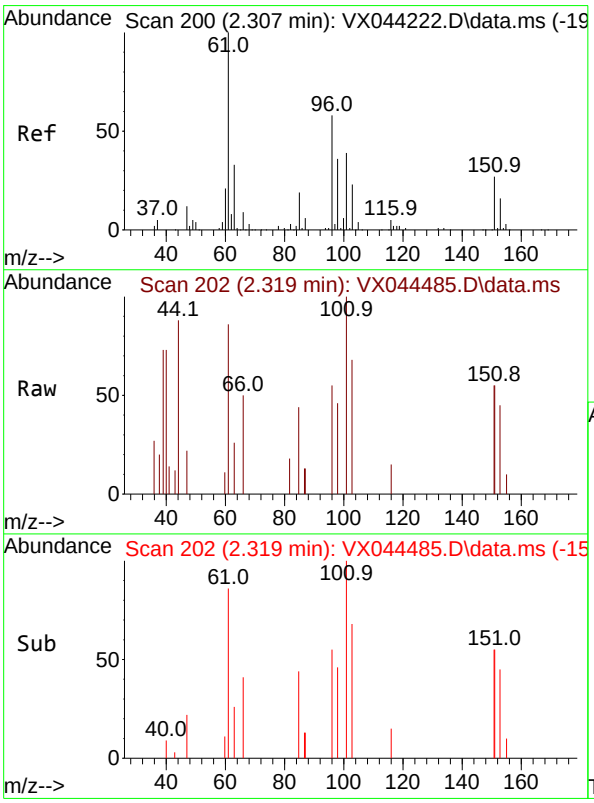
#11
Tert butyl alcohol
Concen: 14.707 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.055 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 5236

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.8	13.2#

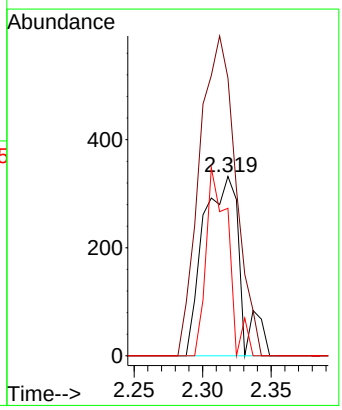


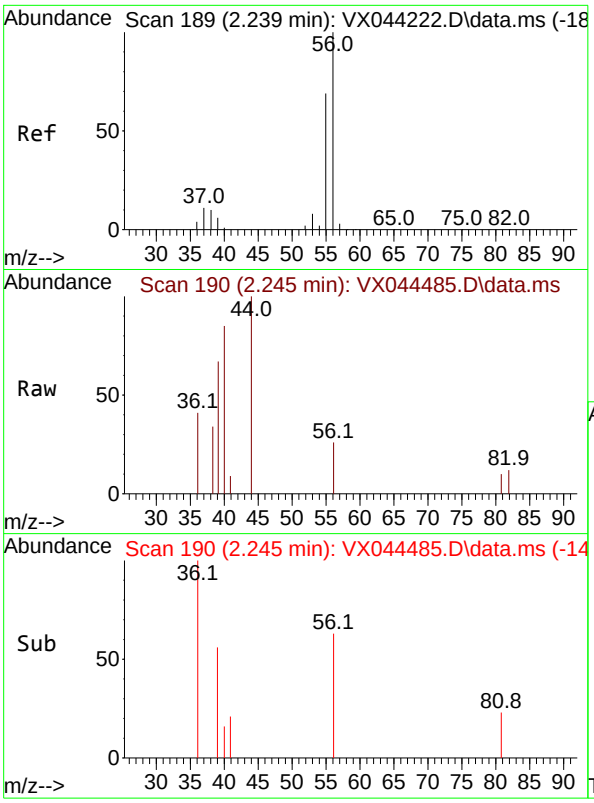


#12
1,1-Dichloroethene
Concen: 0.387 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.012 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Tgt Ion: 96 Resp: 625

Ion	Ratio	Lower	Upper
96	100		
61	154.8	138.0	207.0
98	82.2	50.0	75.0#



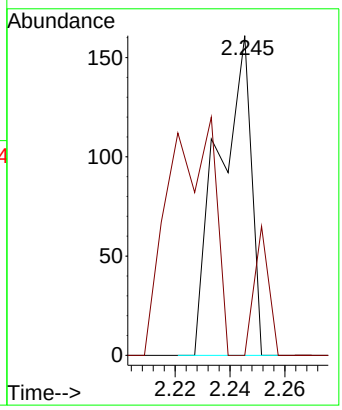


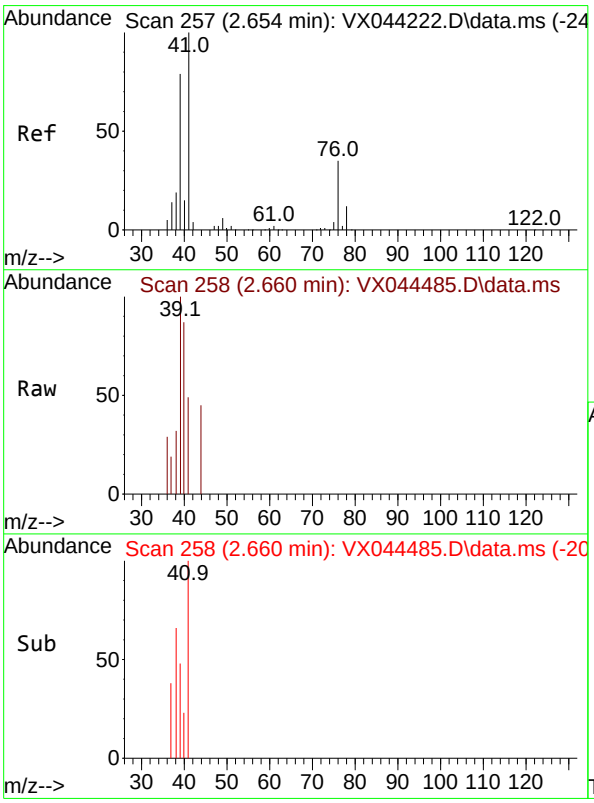
#13
Acrolein
Concen: 0.256 ug/l
RT: 2.245 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 132

Ion	Ratio	Lower	Upper
56	100		
55	18.2	56.6	84.8#

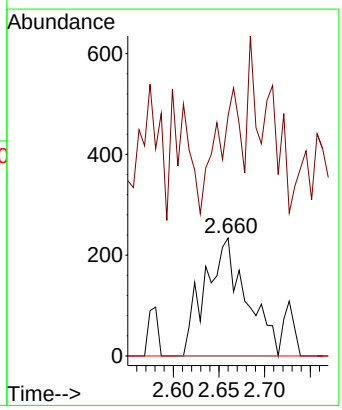


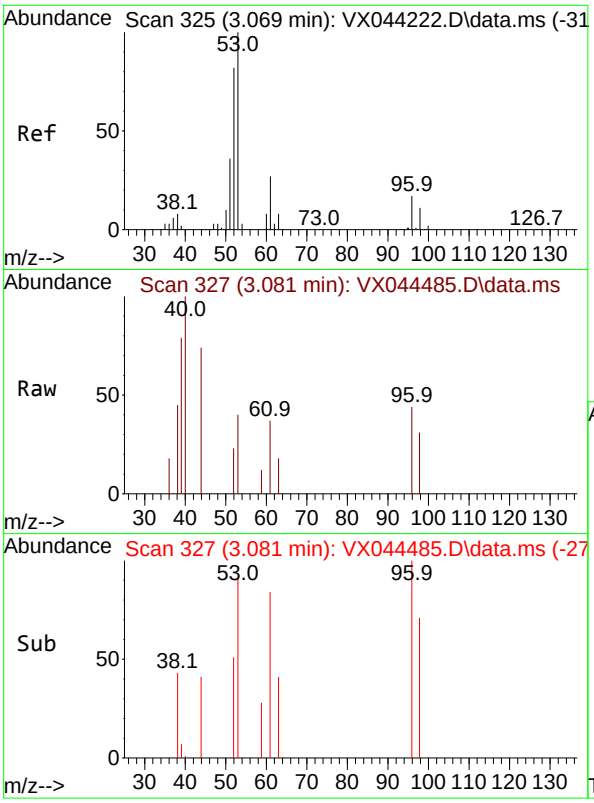


#14
Allyl chloride
Concen: 0.274 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Tgt Ion: 41 Resp: 736

Ion	Ratio	Lower	Upper
41	100		
39	59.8	61.9	92.9#
76	0.0	27.4	41.2#



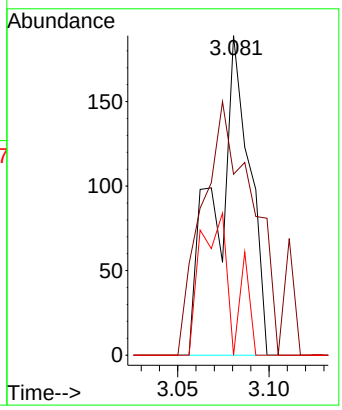


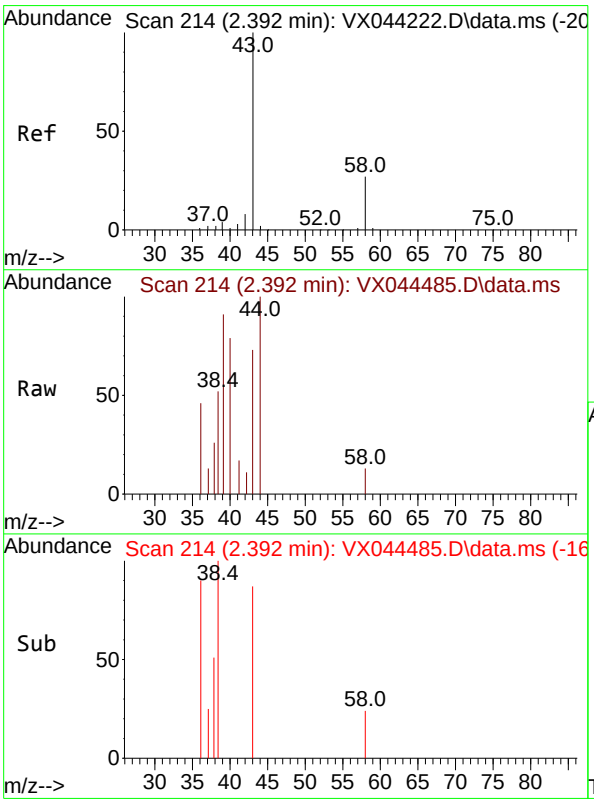
#15
Acrylonitrile
Concen: 0.245 ug/l
RT: 3.081 min Scan# 3
Delta R.T. 0.012 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 242

Ion	Ratio	Lower	Upper
53	100		
52	127.7	67.4	101.0#
51	42.6	30.3	45.5

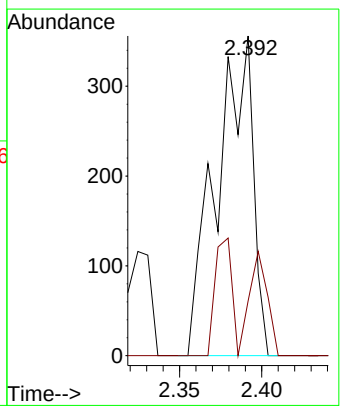


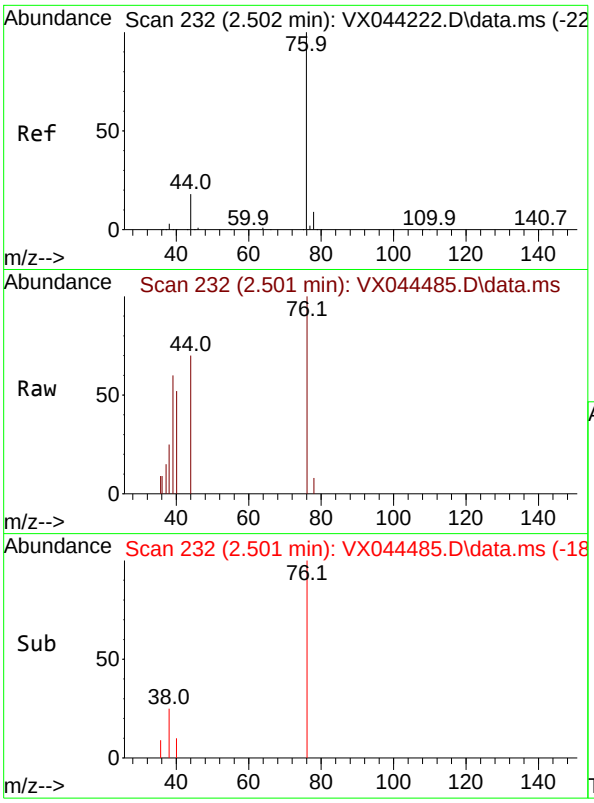


#16
Acetone
Concen: 0.531 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Tgt Ion: 43 Resp: 547

Ion	Ratio	Lower	Upper
43	100		
58	17.1	21.6	32.4#



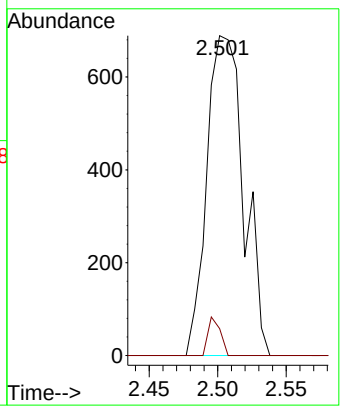


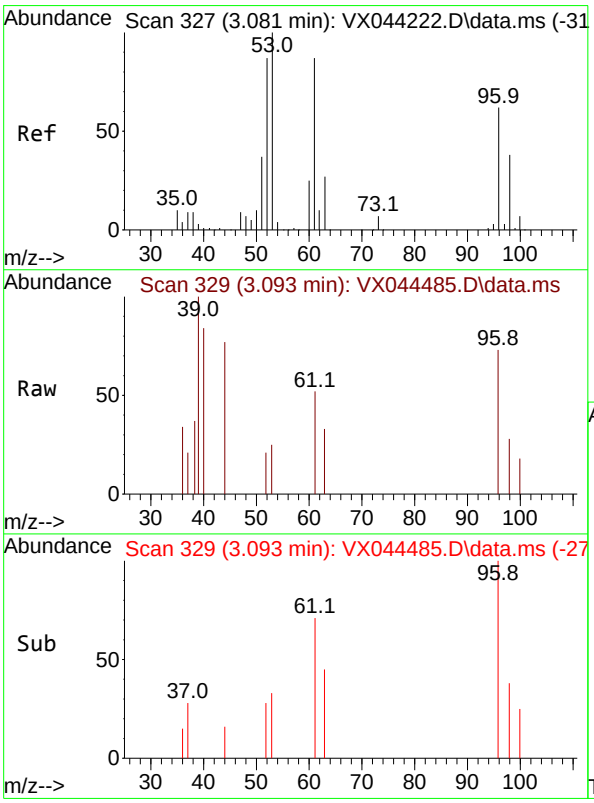
#17
Carbon Disulfide
Concen: 0.421 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 1291

Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.4	11.0

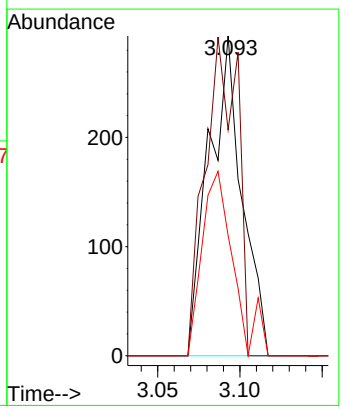


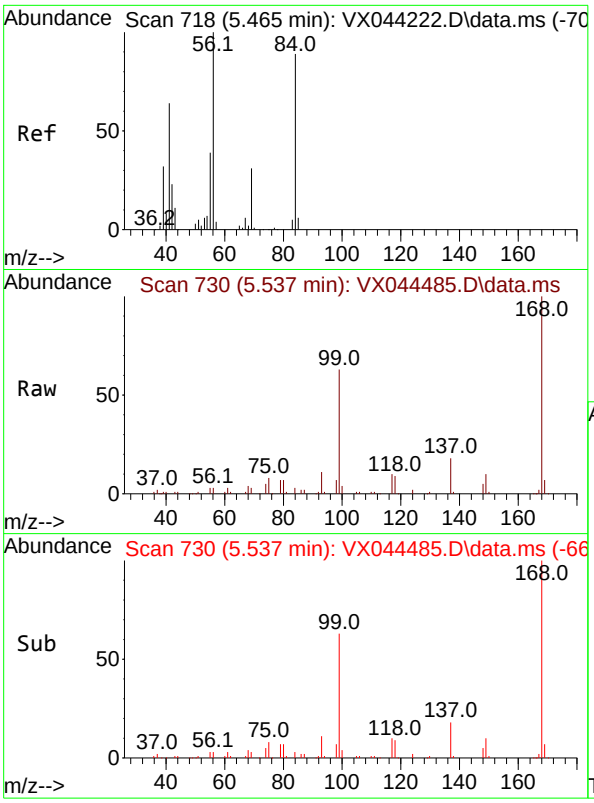


#21
trans-1,2-Dichloroethene
Concen: 0.240 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.012 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Tgt Ion: 96 Resp: 412

Ion	Ratio	Lower	Upper
96	100		
61	70.6	112.0	168.0#
98	37.5	48.8	73.2#



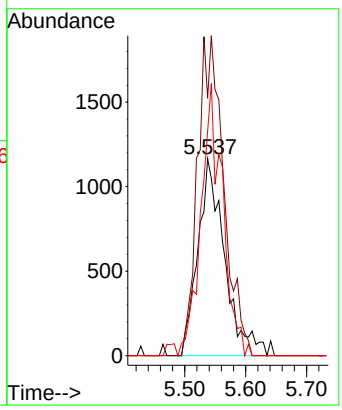


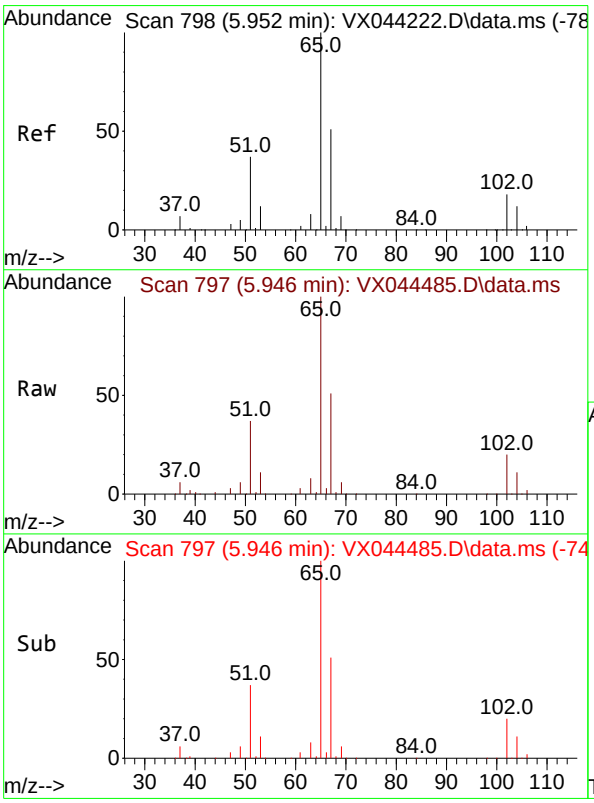
#31
Cyclohexane
Concen: 1.312 ug/l
RT: 5.537 min Scan# 7
Delta R.T. 0.073 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 3577

Ion	Ratio	Lower	Upper
56	100		
69	130.7	24.7	37.1#
84	114.0	71.0	106.6#

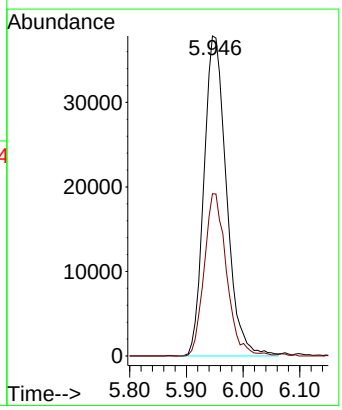


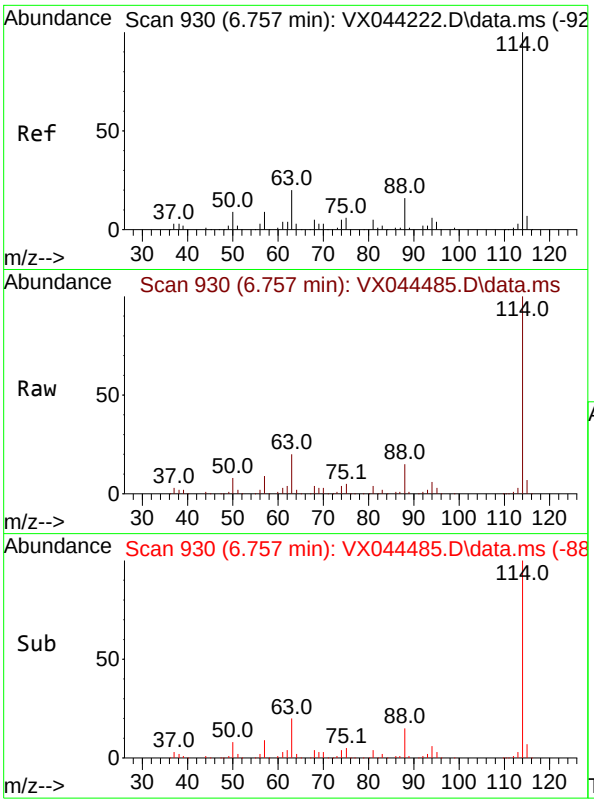


#33
1,2-Dichloroethane-d4
Concen: 41.374 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Tgt Ion: 65 Resp: 104514

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	101.6



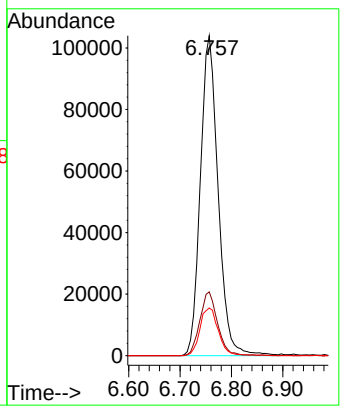


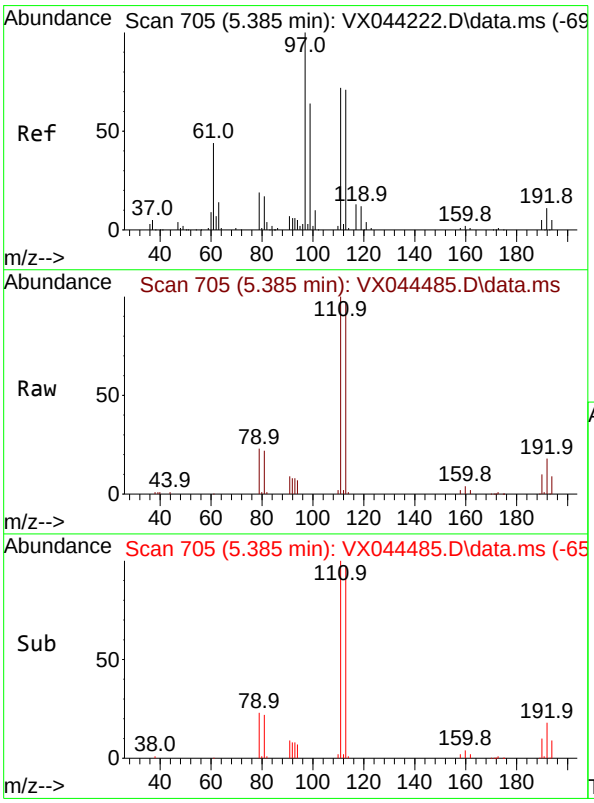
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 249365

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.6
88	14.9	0.0	31.8

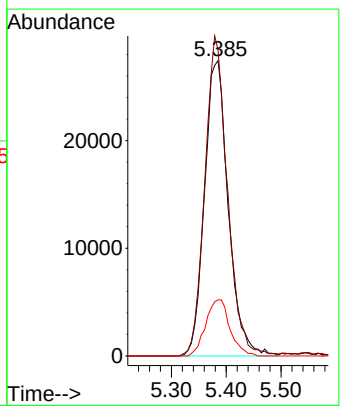


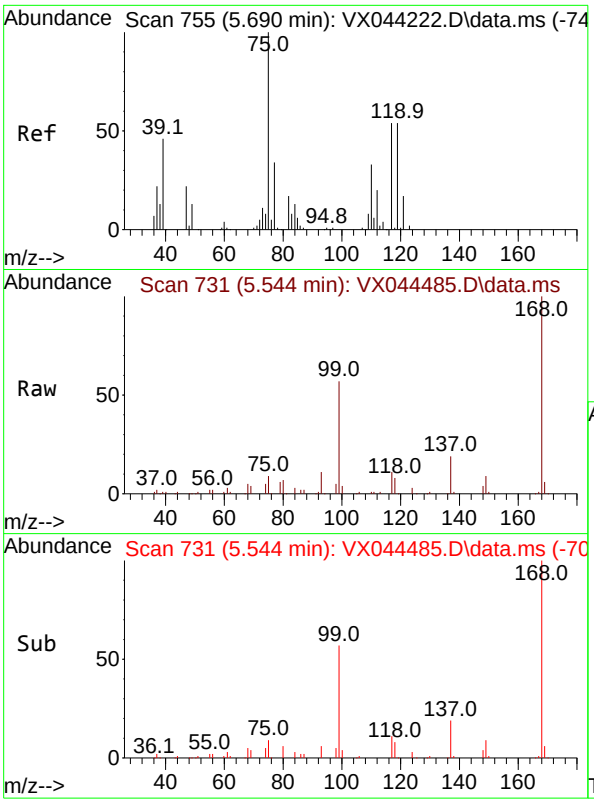


#35
Dibromofluoromethane
Concen: 47.788 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Tgt Ion:113 Resp: 82534

Ion	Ratio	Lower	Upper
113	100		
111	103.3	80.4	120.6
192	19.4	13.3	19.9



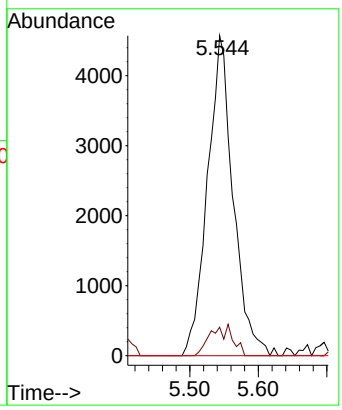


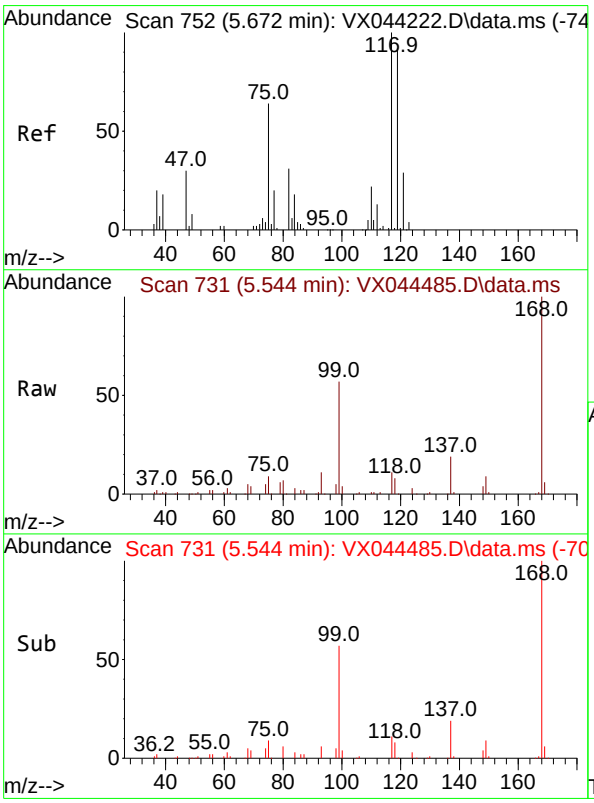
#36
1,1-Dichloropropene
Concen: 5.331 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.147 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 11902

Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.3	51.7#
77	0.0	25.4	38.0#

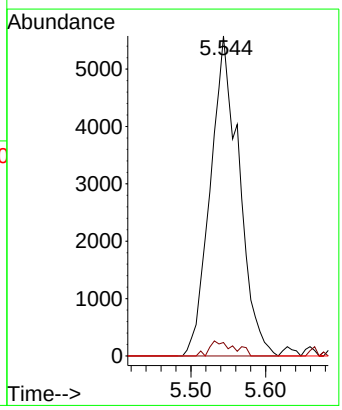


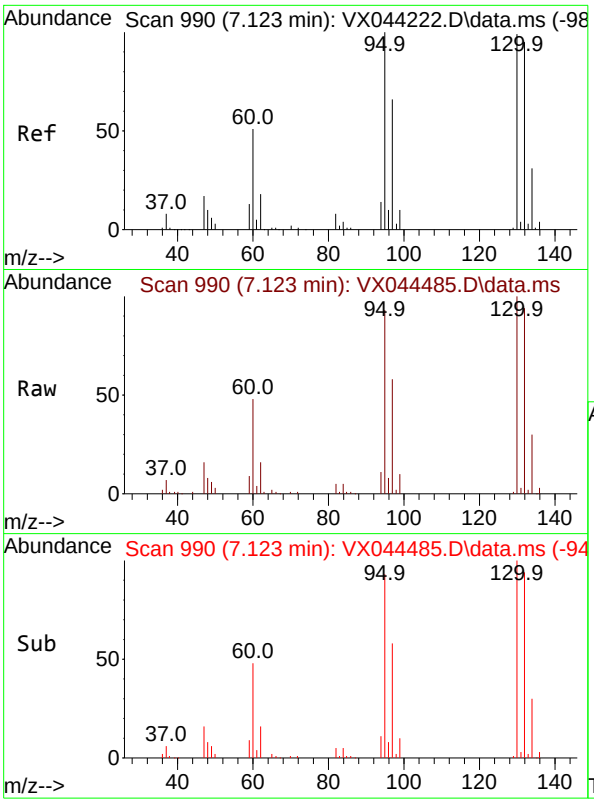


#38
Carbon Tetrachloride
Concen: 6.213 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Tgt Ion:117 Resp: 14934

Ion	Ratio	Lower	Upper
117	100		
119	4.2	74.2	111.4#
121	0.0	23.0	34.6#



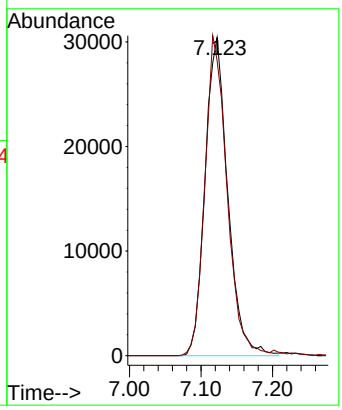


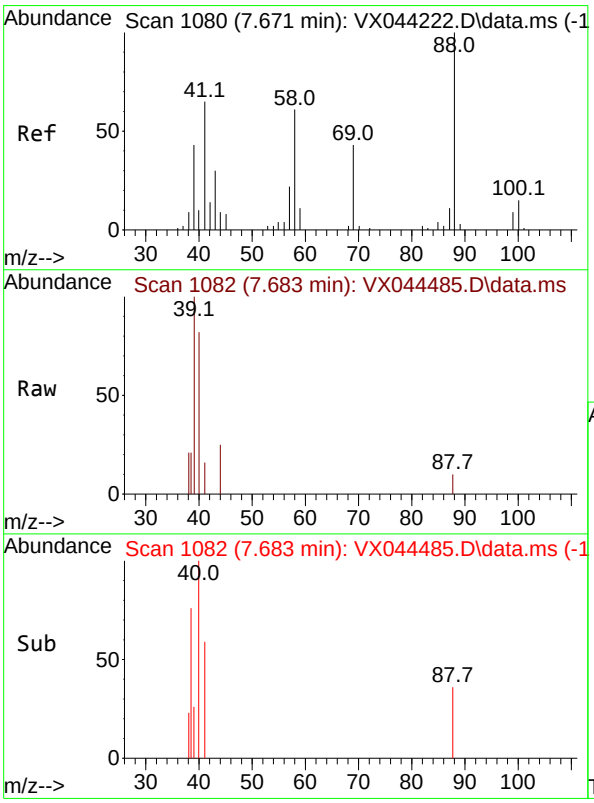
#44
Trichloroethene
Concen: 39.722 ug/l
RT: 7.123 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp: 67143

Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	201.4

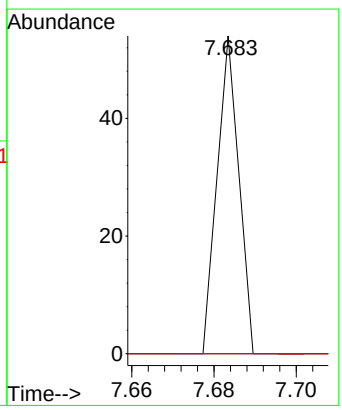


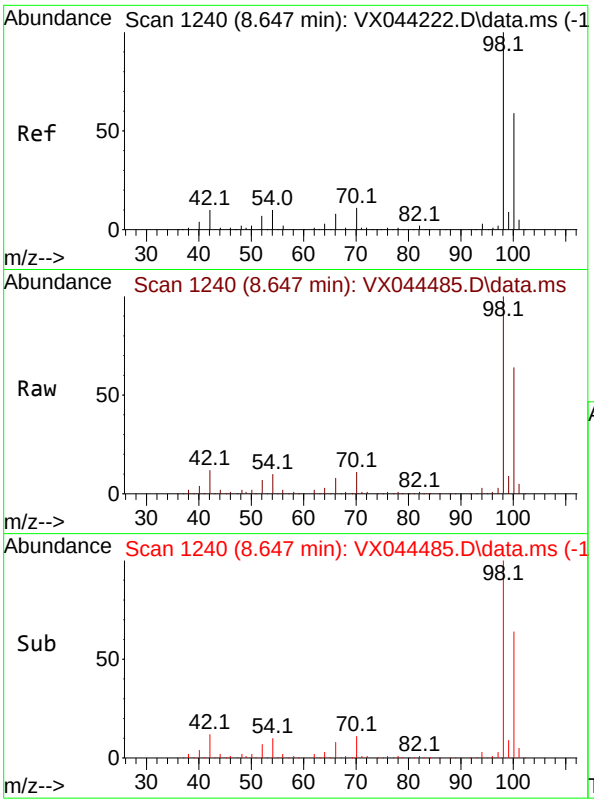


#49
1,4-Dioxane
Concen: 0.576 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.012 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.1	40.7#
58	0.0	41.0	61.4#



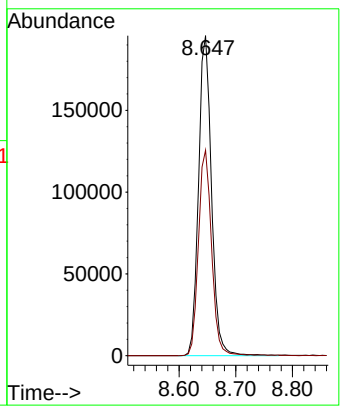


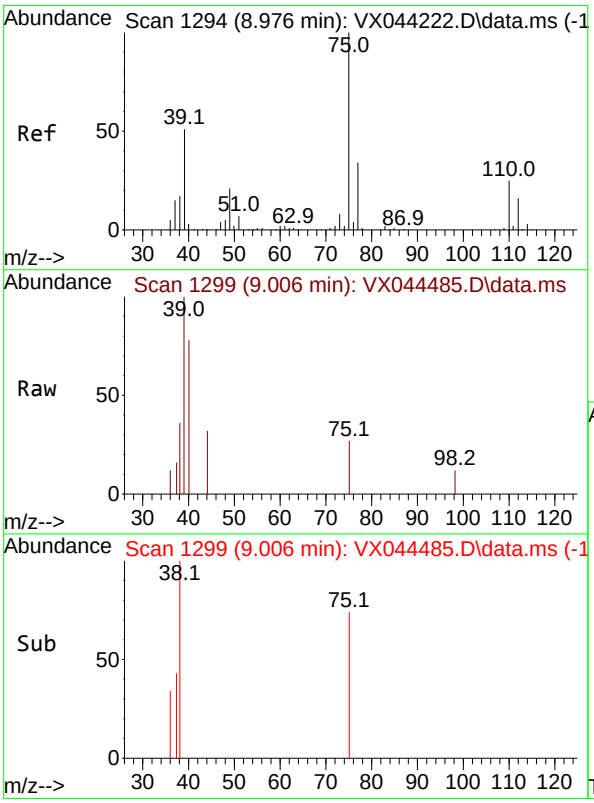
#50
Toluene-d8
Concen: 53.255 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 310298

Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.5	77.3

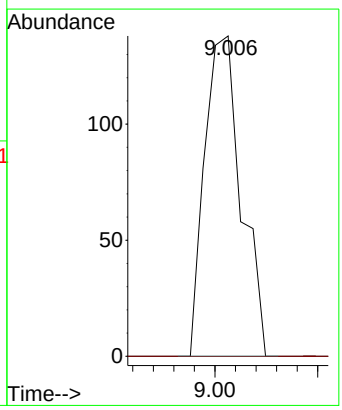


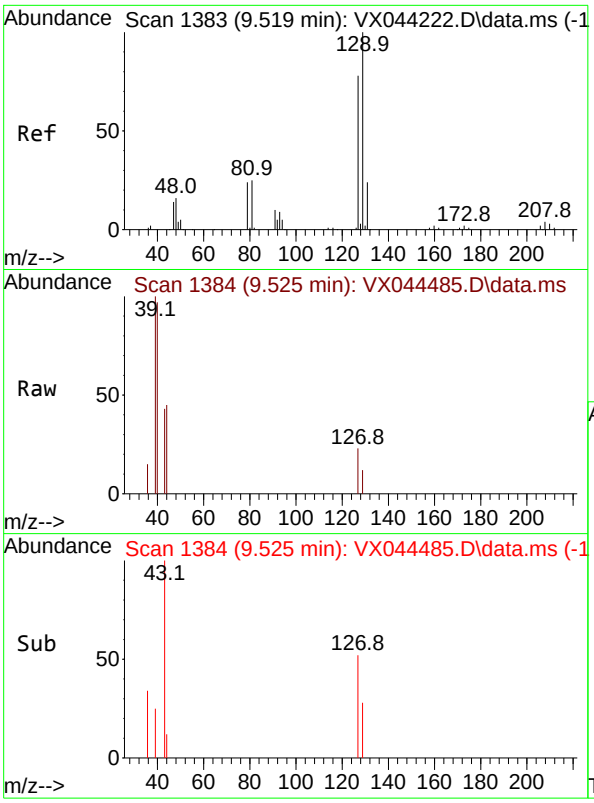


#53
t-1,3-Dichloropropene
Concen: 1.066 ug/l
RT: 9.006 min Scan# 1299
Delta R.T. 0.030 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Tgt Ion: 75 Resp: 170

Ion	Ratio	Lower	Upper
75	100		
77	0.0	27.2	40.8#



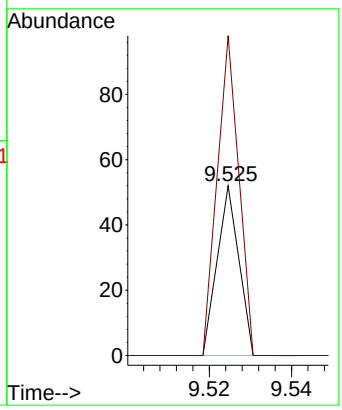


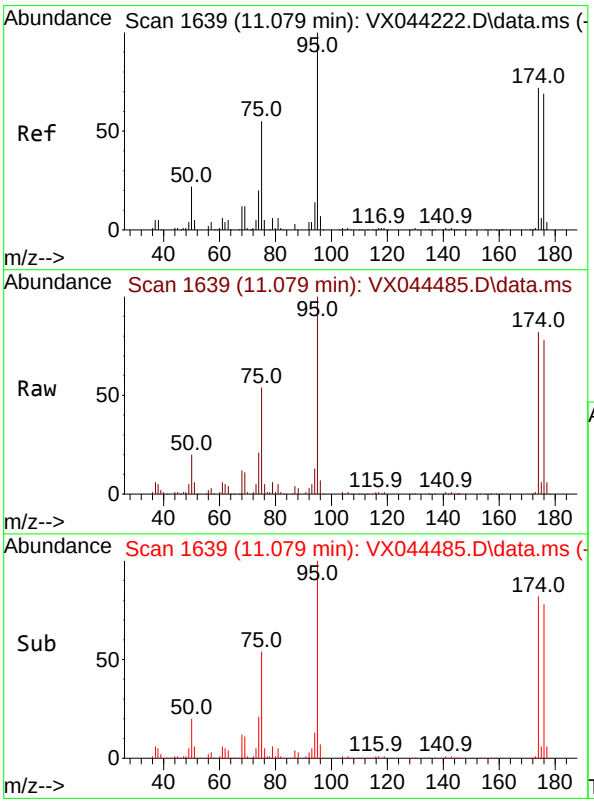
#60
Dibromochloromethane
Concen: 1.242 ug/l
RT: 9.525 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:129 Resp: 19

Ion	Ratio	Lower	Upper
129	100		
127	189.5	38.5	115.3#

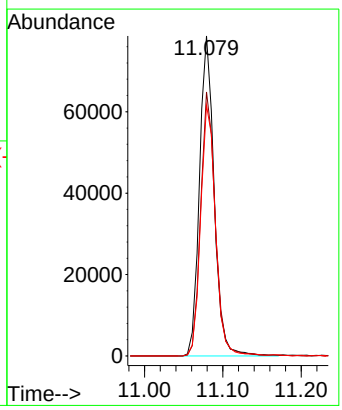


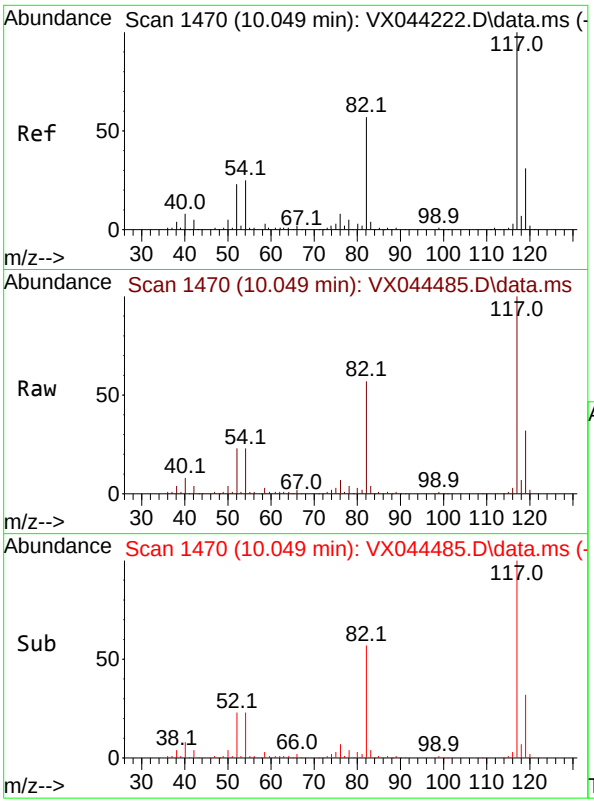


#62
4-Bromofluorobenzene
Concen: 50.220 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Tgt Ion: 95 Resp: 102247

Ion	Ratio	Lower	Upper
95	100		
174	82.3	0.0	145.8
176	79.5	0.0	137.8



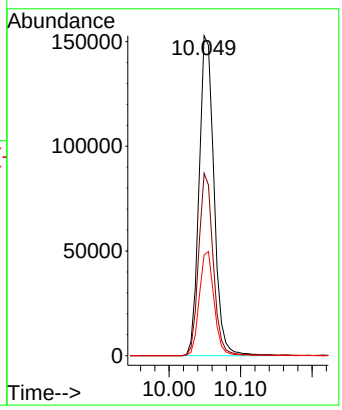


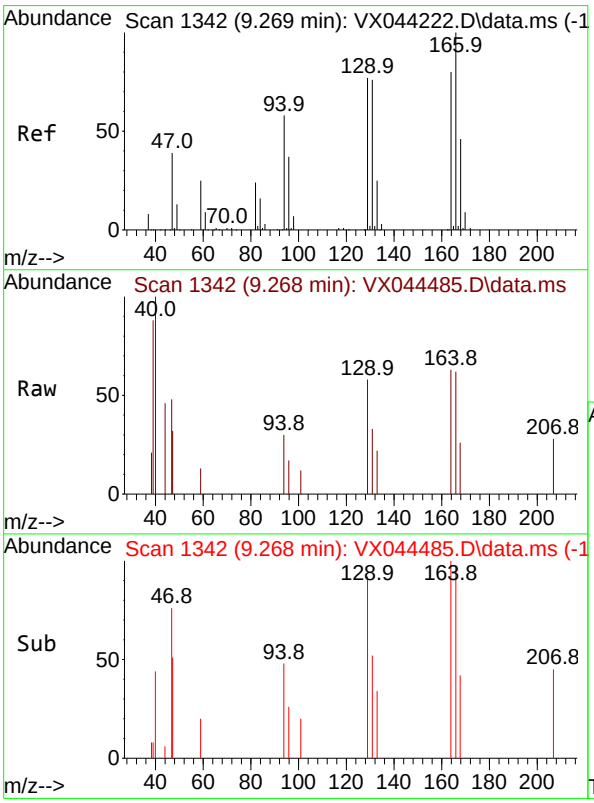
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 221444

Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.8	68.8
119	31.5	25.0	37.4

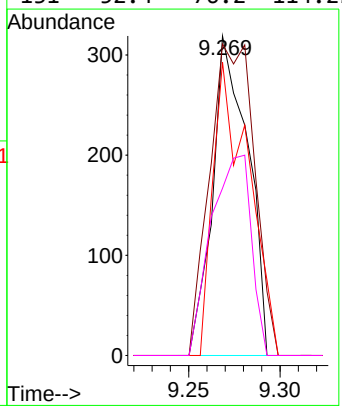


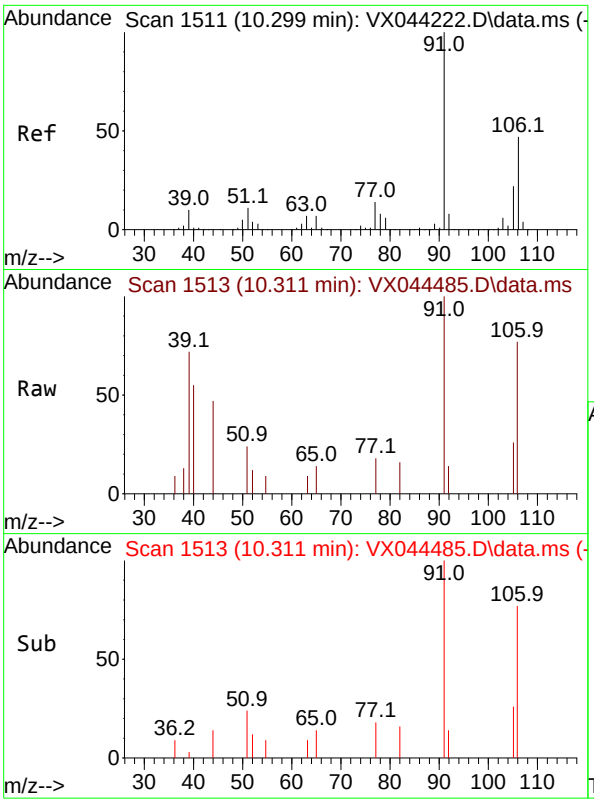


#64
Tetrachloroethene
Concen: 0.291 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Tgt Ion:164 Resp: 428

Ion	Ratio	Lower	Upper
164	100		
166	97.5	100.4	150.6#
129	91.8	77.2	115.8
131	52.4	76.2	114.2#



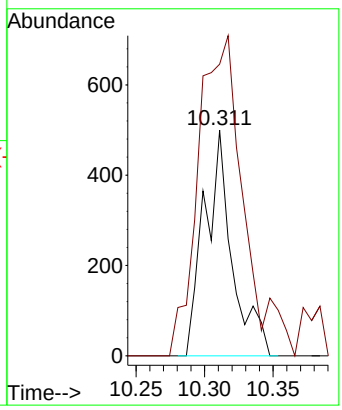


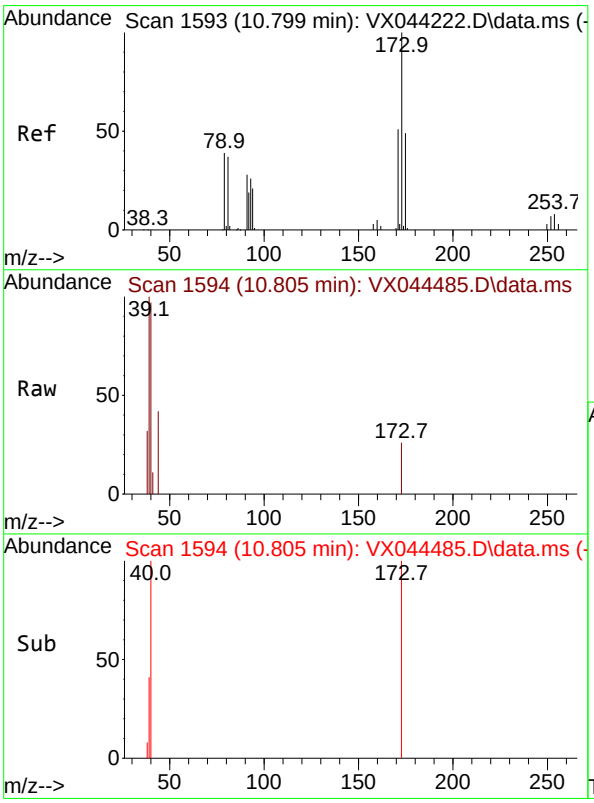
#68
m/p-Xylenes
Concen: 0.233 ug/l
RT: 10.311 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 702

Ion	Ratio	Lower	Upper
106	100		
91	230.8	170.2	255.2

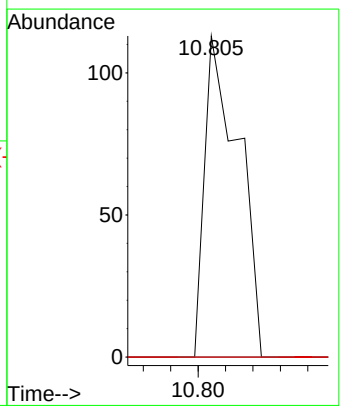


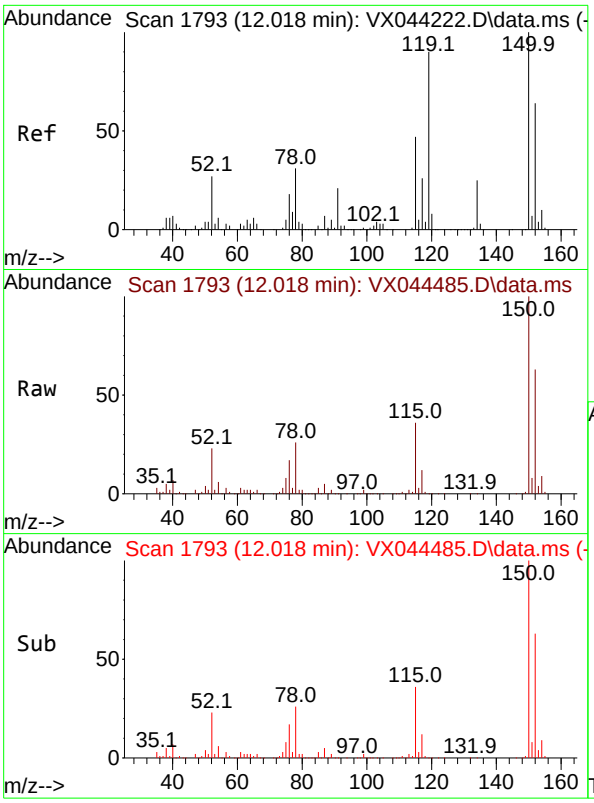


#71
Bromoform
Concen: 1.329 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Tgt Ion:173 Resp: 97

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



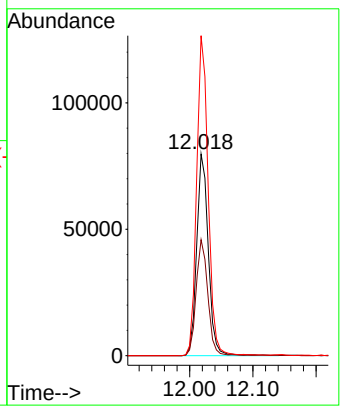


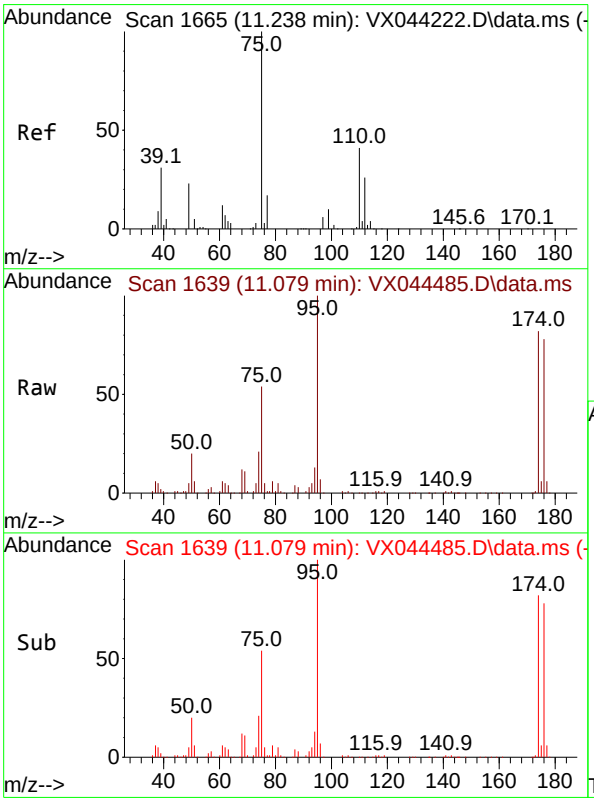
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 102248

Ion	Ratio	Lower	Upper
152	100		
115	57.8	44.5	133.3
150	156.2	0.0	353.8

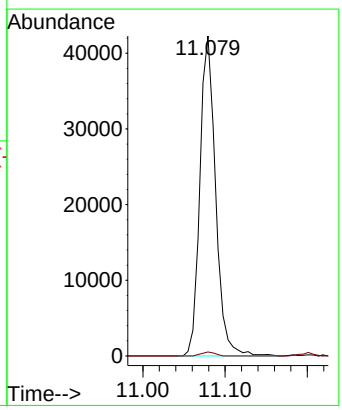


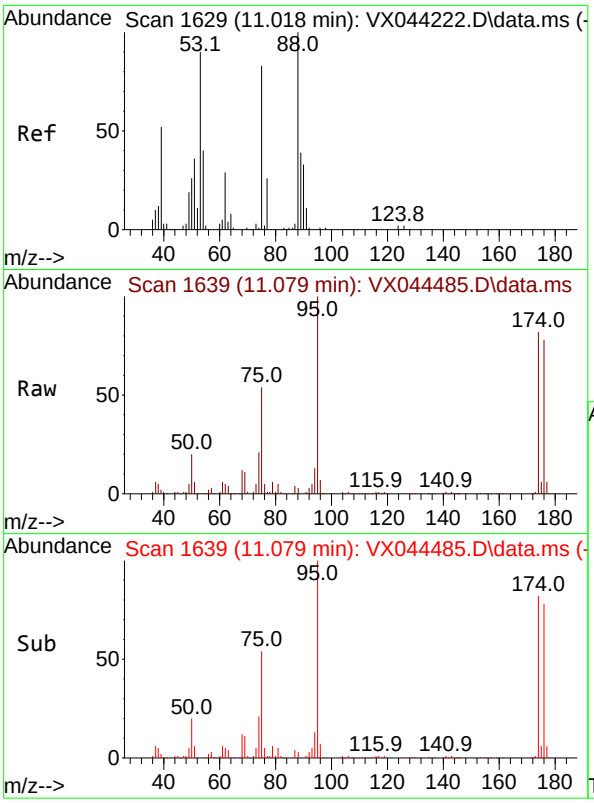


#76
1,2,3-Trichloropropane
Concen: 24.630 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Tgt Ion: 75 Resp: 56229

Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.9	62.7#



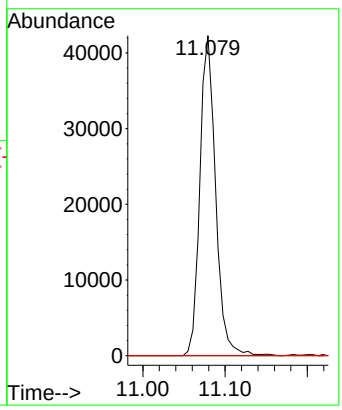


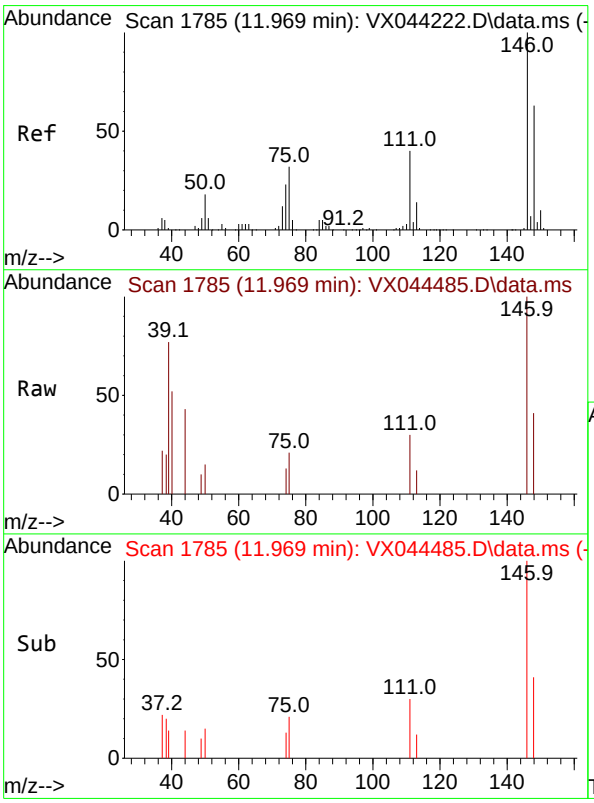
#81
trans-1,4-Dichloro-2-butene
Concen: 68.281 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 56229

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

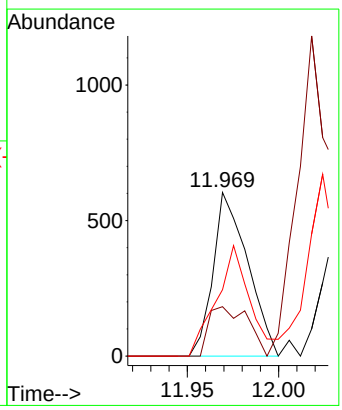


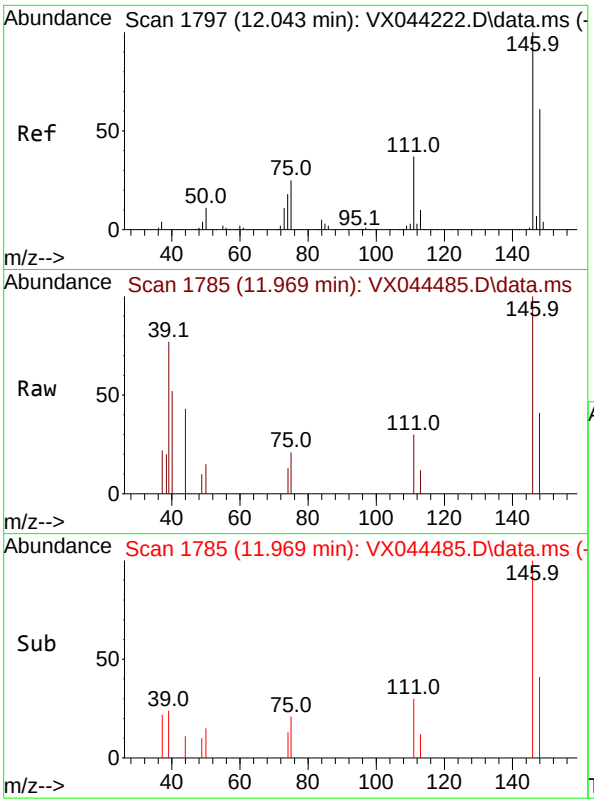


#87
1,3-Dichlorobenzene
Concen: 0.240 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Tgt Ion:146 Resp: 795

Ion	Ratio	Lower	Upper
146	100		
111	34.1	21.4	64.2
148	66.8	31.7	95.1



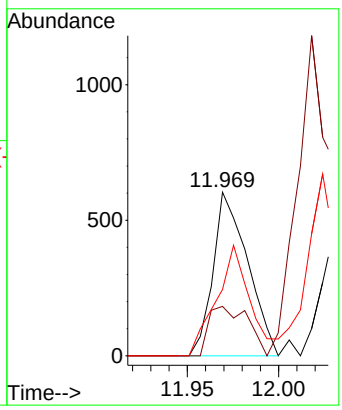


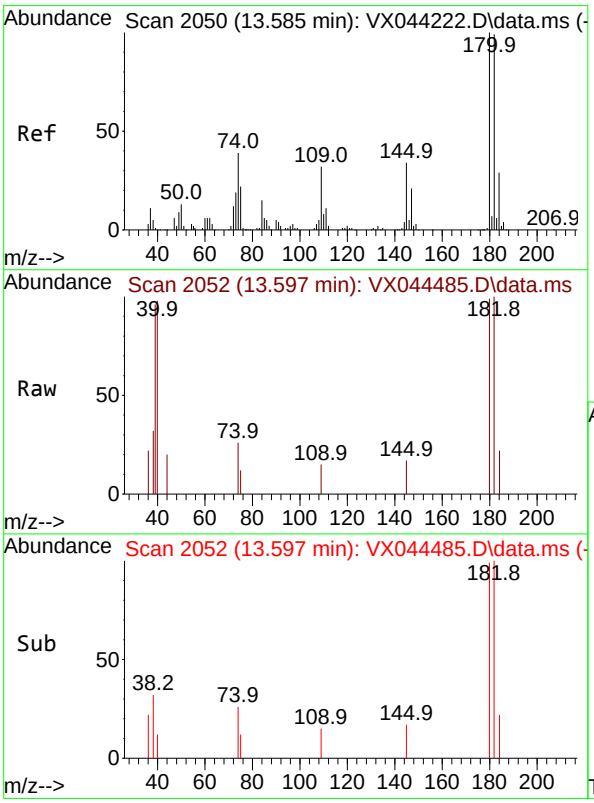
#88
1,4-Dichlorobenzene
Concen: 0.233 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.073 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 795

Ion	Ratio	Lower	Upper
146	100		
111	34.1	21.0	63.0
148	66.8	32.3	96.8

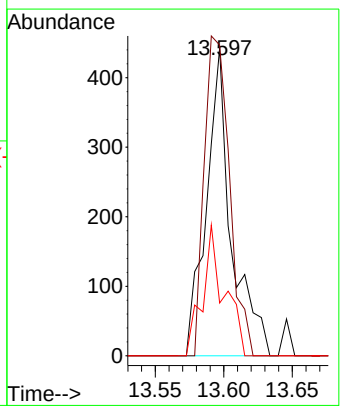


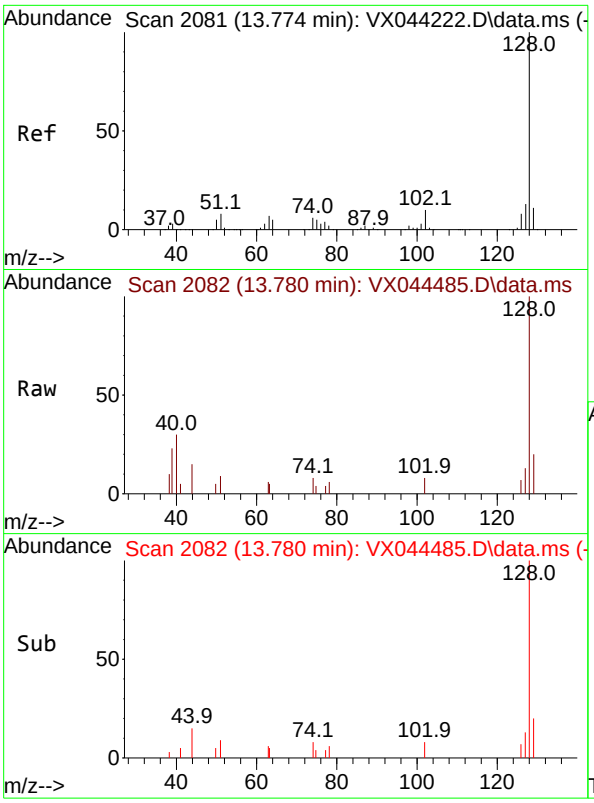


#93
1,2,4-Trichlorobenzene
Concen: 0.297 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Tgt Ion:180 Resp: 560

Ion	Ratio	Lower	Upper
180	100		
182	104.6	48.0	144.2
145	37.0	16.6	49.7



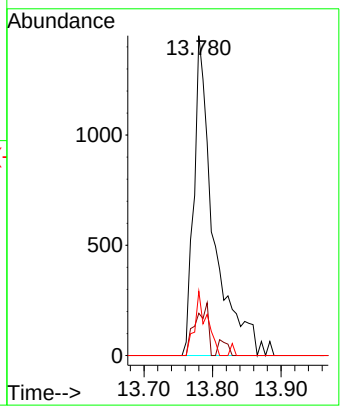


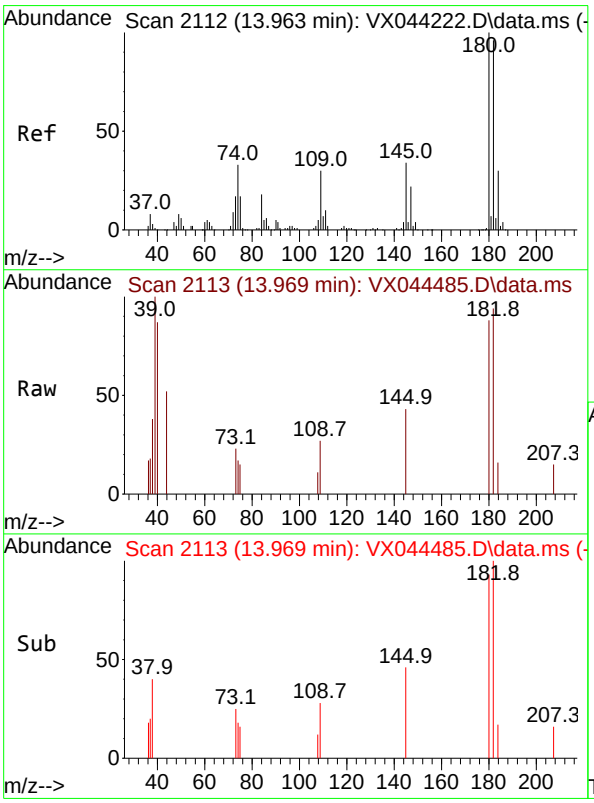
#95
Naphthalene
Concen: 0.400 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 2946

Ion	Ratio	Lower	Upper
128	100		
127	10.6	10.5	15.7
129	12.4	9.0	13.4





#96
1,2,3-Trichlorobenzene
Concen: 0.360 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX044485.D
Acq: 23 Dec 2024 17:09

Tgt Ion:180 Resp: 720

Ion	Ratio	Lower	Upper
180	100		
182	99.2	48.0	144.0
145	38.8	17.7	53.1