Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
Data File : VX044962.D
Acq On : 14 Feb 2025 15:29
Operator : JC/MD
Sample : Q1356-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CARBON-SOLID

Quant Time: Feb 14 22:15:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	78767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	161354	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	147582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64334	55.797	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.600%			
35) Dibromofluoromethane	5.379	113	52974	50.496	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.000%			
50) Toluene-d8	8.647	98	199003	50.165	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.340%			
62) 4-Bromofluorobenzene	11.079	95	69016	51.607	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.220%			
Target Compounds						Qvalue
6) Chloroethane	1.654	64	76	1.462	ug/l #	42
11) Tert butyl alcohol	2.941	59	880	4.114	ug/l #	73
16) Acetone	2.380	43	14951	32.255	ug/l	96
18) Methyl Acetate	2.709	43	2102	1.437	ug/l	91
20) Methylene Chloride	2.782	84	470	0.414	ug/l #	87
24) 1,1-Dichloroethane	3.605	63	1253	0.645	ug/l #	83
25) 2-Butanone	4.599	43	319	0.424	ug/l #	48
29) Tetrahydrofuran	5.032	42	220	0.440	ug/l #	33
30) Chloroform	5.099	83	2631	1.397	ug/l	95
31) Cyclohexane	5.538	56	1927	1.076	ug/l #	4
36) 1,1-Dichloropropene	5.544	75	7035	4.648	ug/l #	48
38) Carbon Tetrachloride	5.544	117	8573	5.780	ug/l #	15
43) Isopropyl Acetate	6.342	43	22497	8.275	ug/l	98
47) Bromodichloromethane	7.812	83	339	0.215	ug/l #	83
48) Methyl methacrylate	7.623	41	959	0.748	ug/l #	25
51) 4-Methyl-2-Pentanone	8.549	43	7253	4.389	ug/l #	45
54) cis-1,3-Dichloropropene	8.543	75	2916	1.637	ug/l #	61
59) 2-Hexanone	9.378	43	5550	4.661	ug/l #	24
76) 1,2,3-Trichloropropane	11.079	75	36281	25.114	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	36281	64.604	ug/l #	11

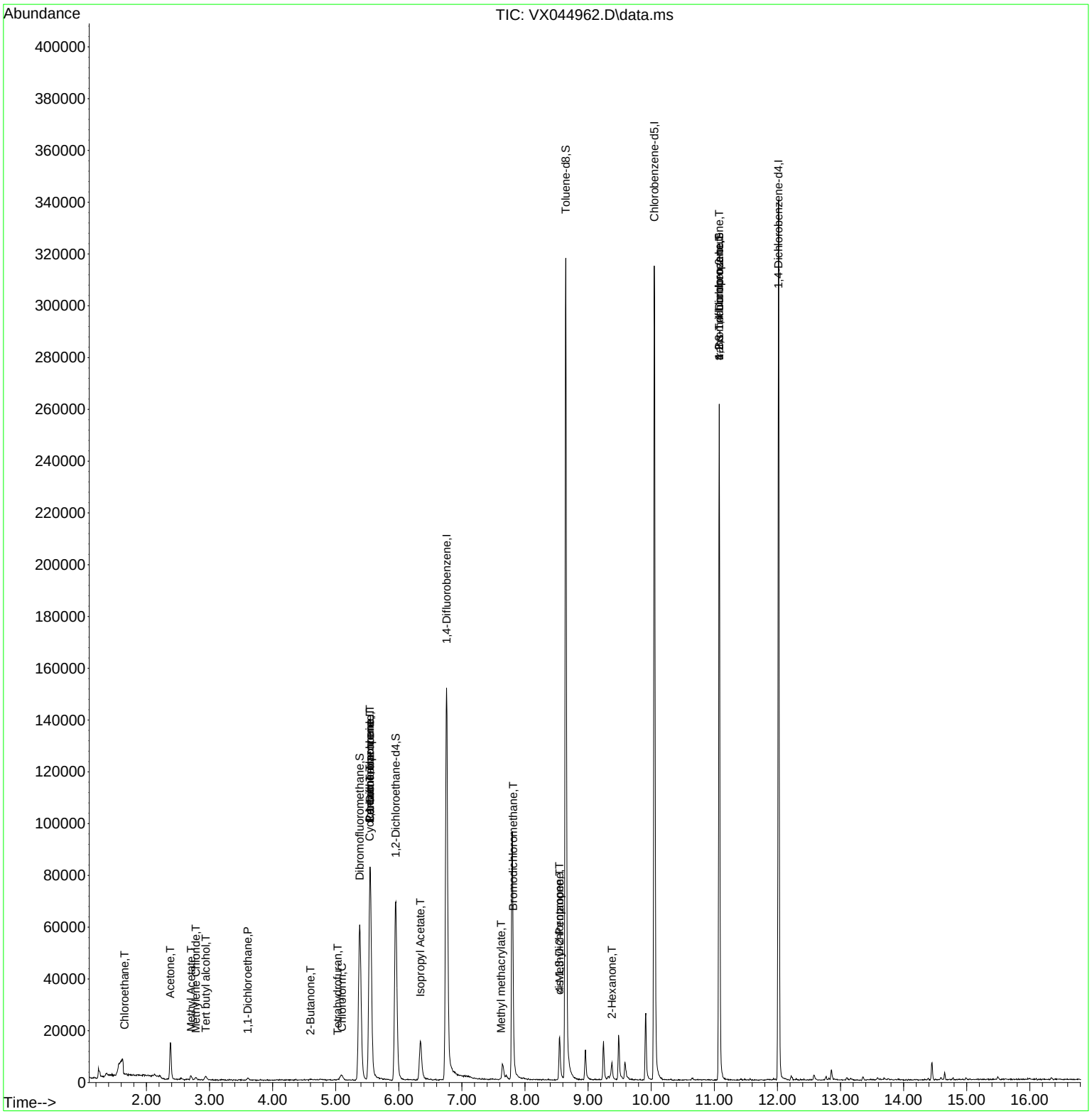
(#) = qualifier out of range (m) = manual integration (+) = signals summed

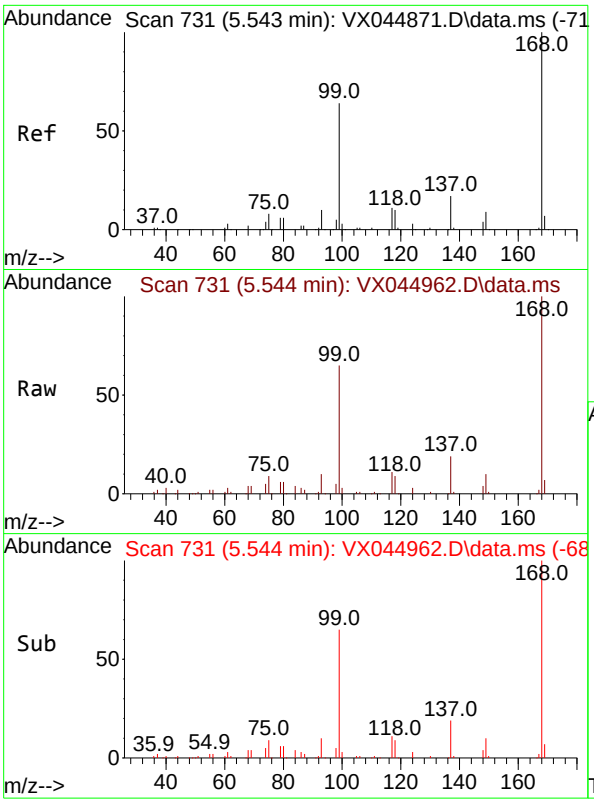
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
Data File : VX044962.D
Acq On : 14 Feb 2025 15:29
Operator : JC/MD
Sample : Q1356-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CARBON-SOLID

Quant Time: Feb 14 22:15:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration



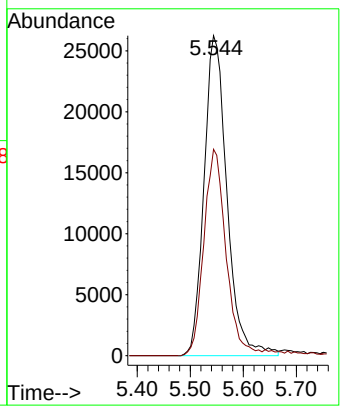


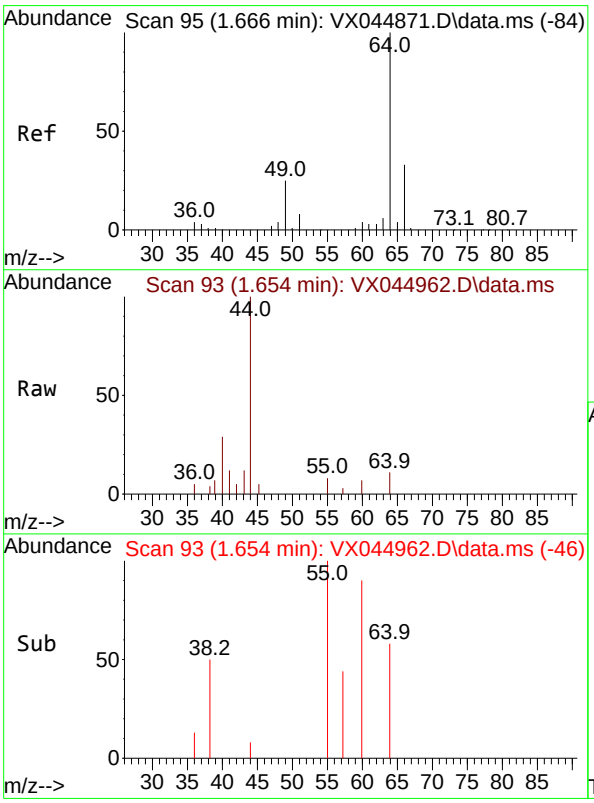
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.001 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Instrument :
MSVOA_X
ClientSampleId :
CARBON-SOLID

Tgt Ion:168 Resp: 78767

Ion	Ratio	Lower	Upper
168	100		
99	64.5	51.2	76.8

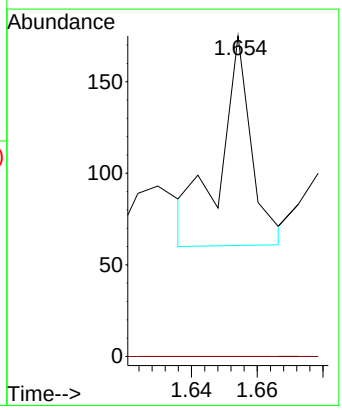


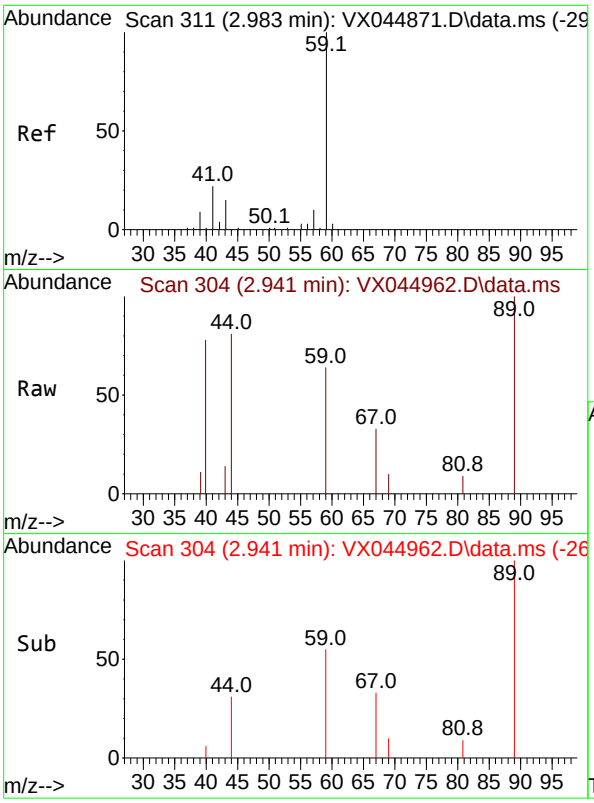


#6
Chloroethane
Concen: 1.462 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.012 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Tgt Ion: 64 Resp: 76

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.9	38.9#



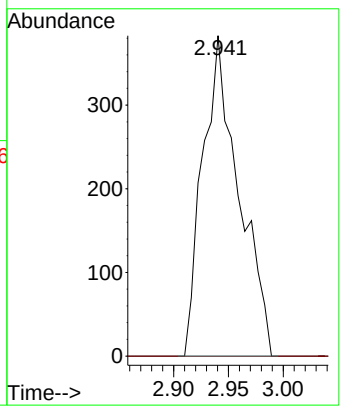


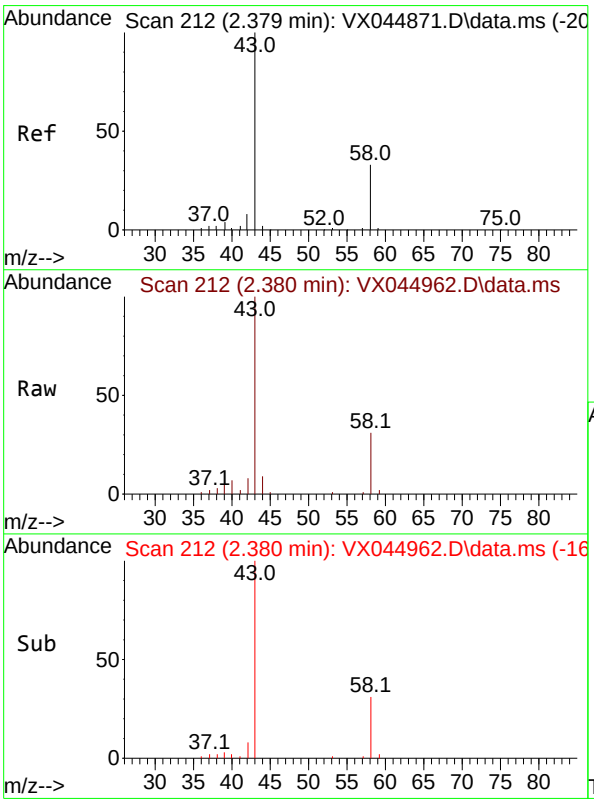
#11
Tert butyl alcohol
Concen: 4.114 ug/l
RT: 2.941 min Scan# 3
Delta R.T. -0.042 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Instrument :
MSVOA_X
ClientSampleId :
CARBON-SOLID

Tgt Ion: 59 Resp: 880

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.1	12.1#

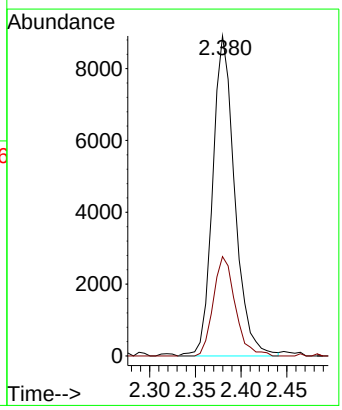


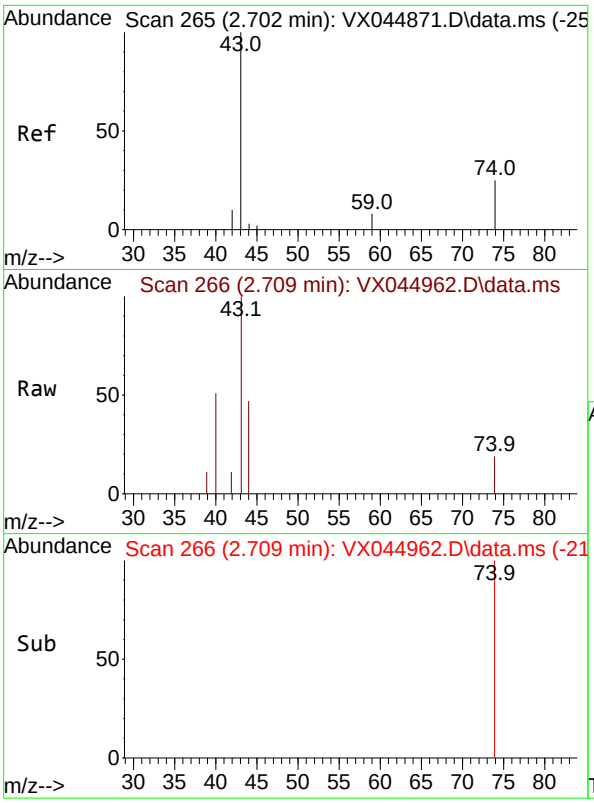


#16
Acetone
Concen: 32.255 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Tgt Ion: 43 Resp: 14951

Ion	Ratio	Lower	Upper
43	100		
58	31.1	26.5	39.7



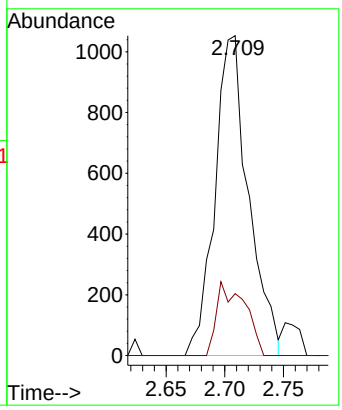


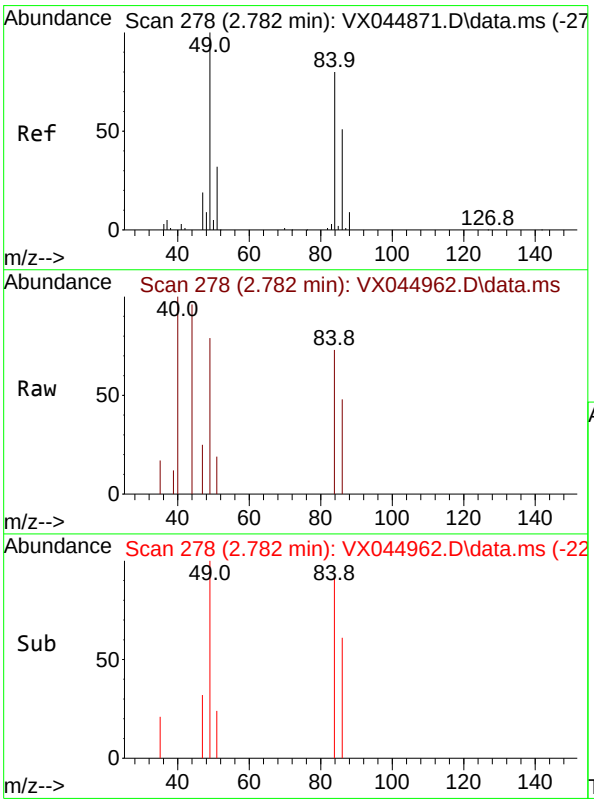
#18
Methyl Acetate
Concen: 1.437 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Instrument :
MSVOA_X
ClientSampleId :
CARBON-SOLID

Tgt Ion: 43 Resp: 2102

Ion	Ratio	Lower	Upper
43	100		
74	19.3	18.9	28.3

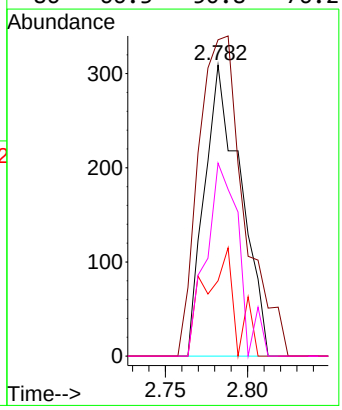


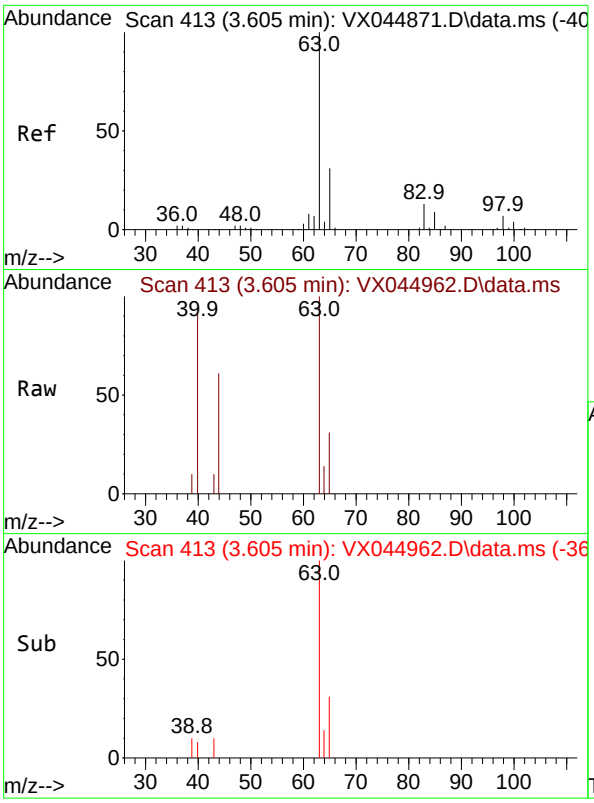


#20
Methylene Chloride
Concen: 0.414 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Tgt Ion: 84 Resp: 470

Ion	Ratio	Lower	Upper
84	100		
49	108.7	100.1	150.1
51	25.9	31.7	47.5#
86	66.3	50.8	76.2



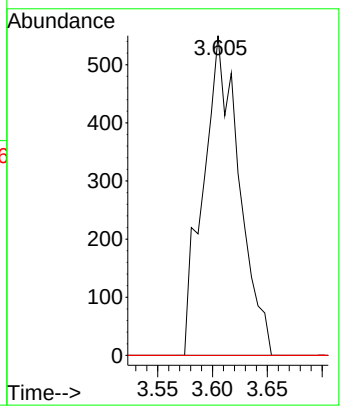


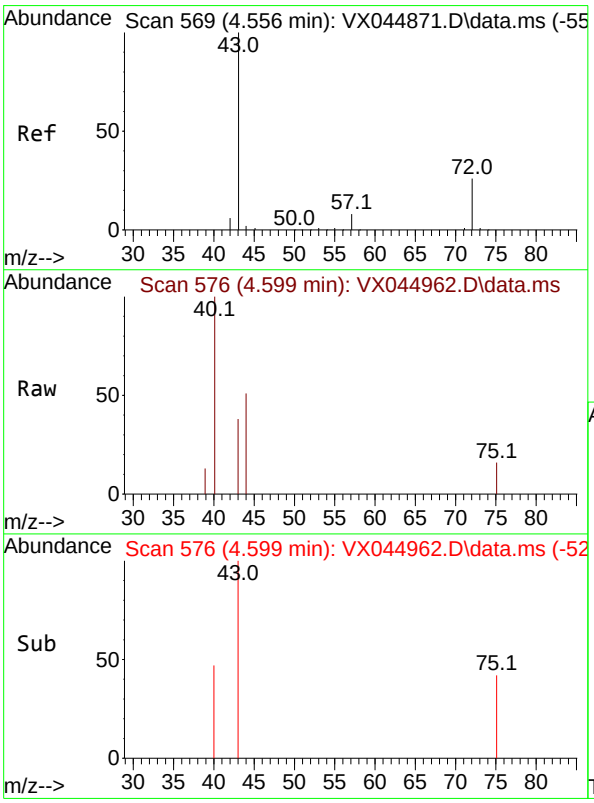
#24
1,1-Dichloroethane
Concen: 0.645 ug/l
RT: 3.605 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Instrument :
MSVOA_X
ClientSampleId :
CARBON-SOLID

Tgt Ion: 63 Resp: 1253

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.3	9.9#
100	0.0	2.1	6.5#

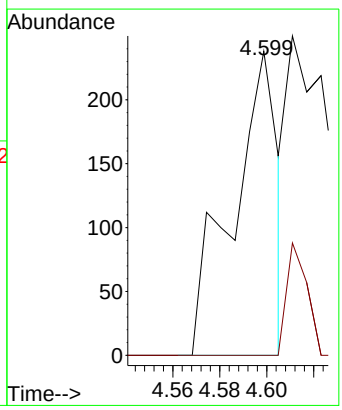


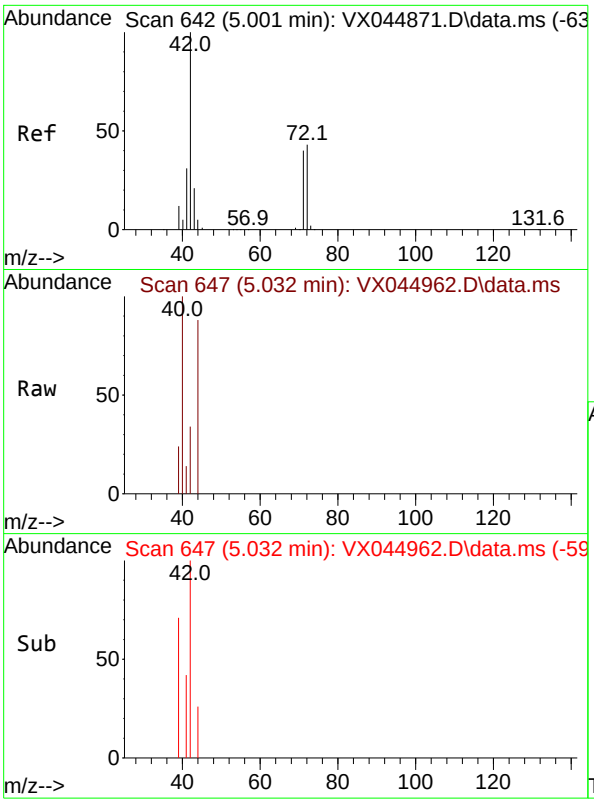


#25
2-Butanone
Concen: 0.424 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.043 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Tgt Ion: 43 Resp: 319

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.2	31.8#



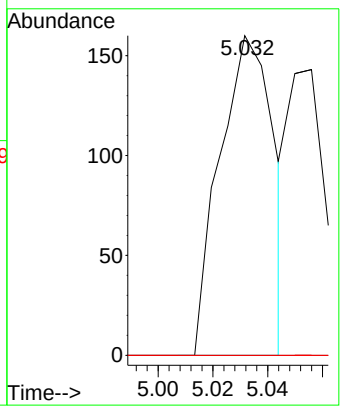


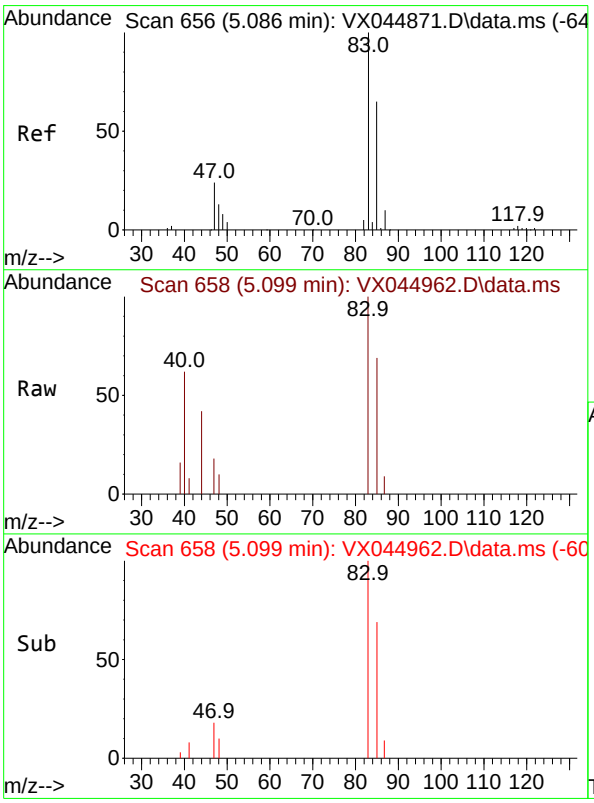
#29
Tetrahydrofuran
Concen: 0.440 ug/l
RT: 5.032 min Scan# 64
Delta R.T. 0.031 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Instrument :
MSVOA_X
ClientSampleId :
CARBON-SOLID

Tgt Ion: 42 Resp: 220

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.0	52.4#
71	0.0	32.6	48.8#

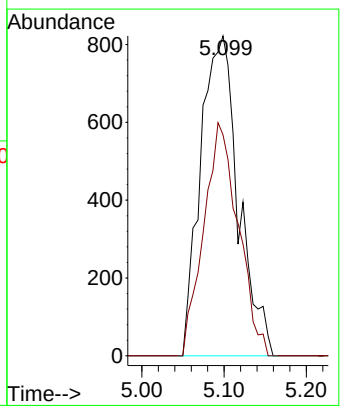


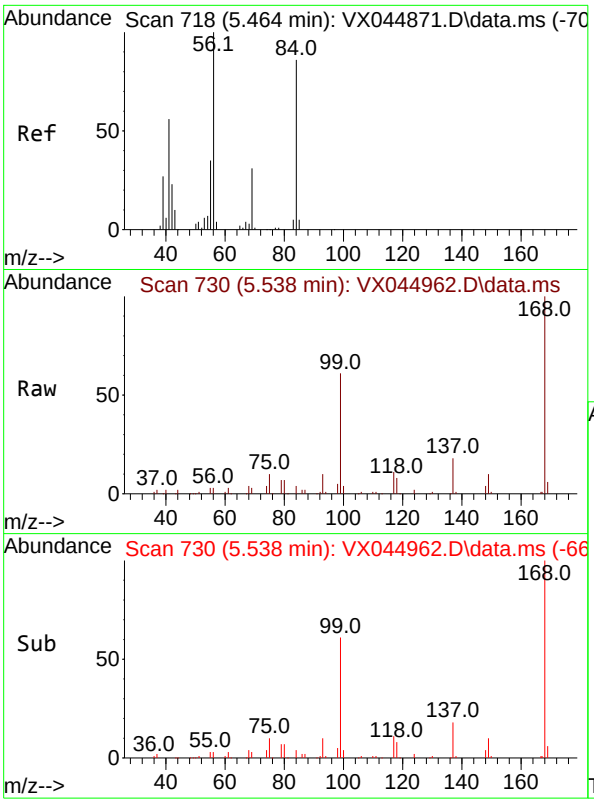


#30
Chloroform
Concen: 1.397 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.013 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Tgt Ion: 83 Resp: 2631

Ion	Ratio	Lower	Upper
83	100		
85	69.1	52.1	78.1



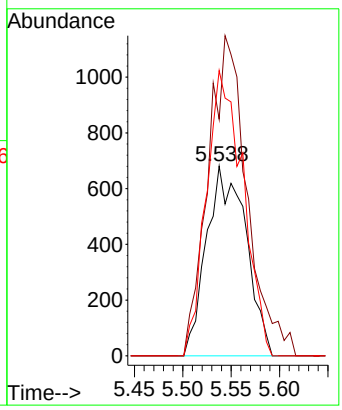


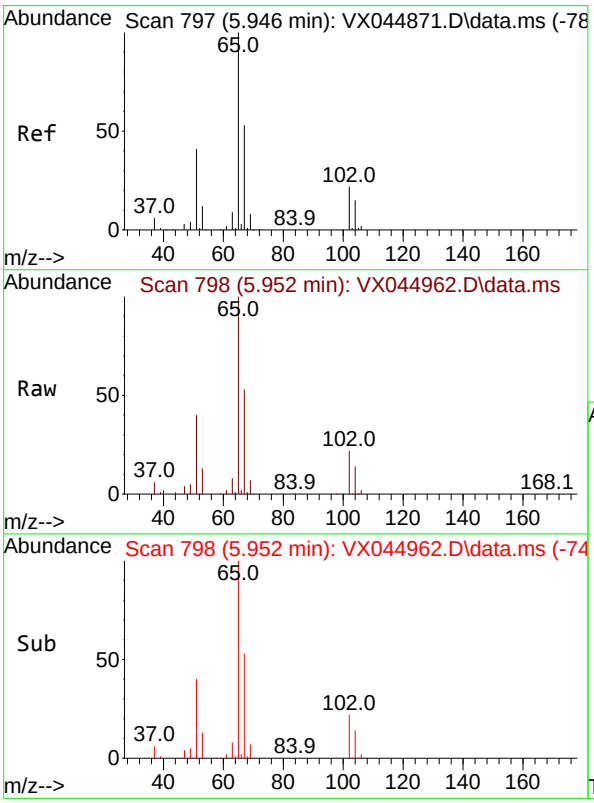
#31
Cyclohexane
Concen: 1.076 ug/l
RT: 5.538 min Scan# 7
Delta R.T. 0.073 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Instrument :
MSVOA_X
ClientSampleId :
CARBON-SOLID

Tgt Ion: 56 Resp: 1927

Ion	Ratio	Lower	Upper
56	100		
69	124.7	24.4	36.6#
84	150.4	69.0	103.6#

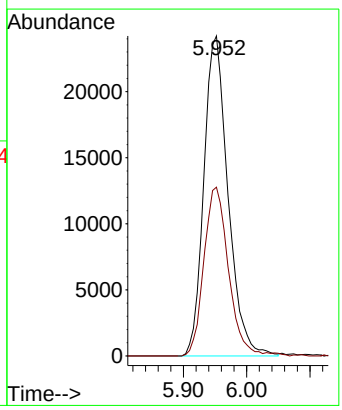


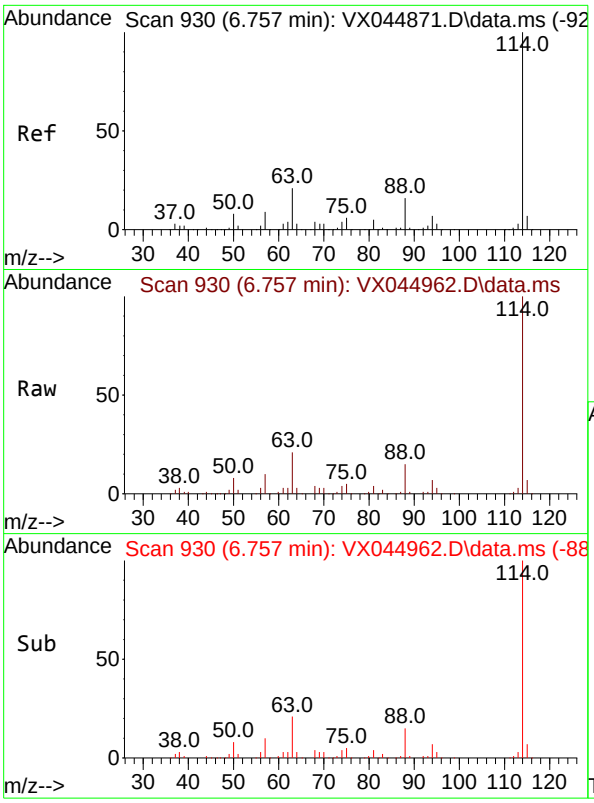


#33
1,2-Dichloroethane-d4
Concen: 55.797 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Tgt Ion: 65 Resp: 64334

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	108.2



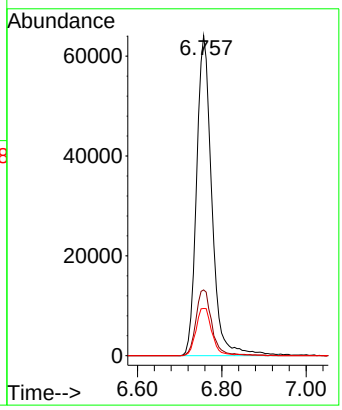


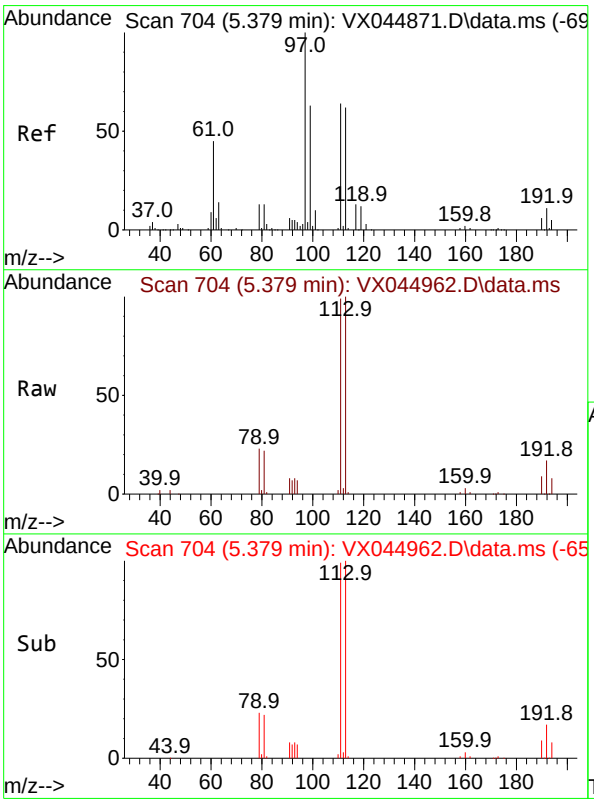
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Instrument :
MSVOA_X
ClientSampleId :
CARBON-SOLID

Tgt Ion:114 Resp: 161354

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	42.4
88	14.7	0.0	31.4

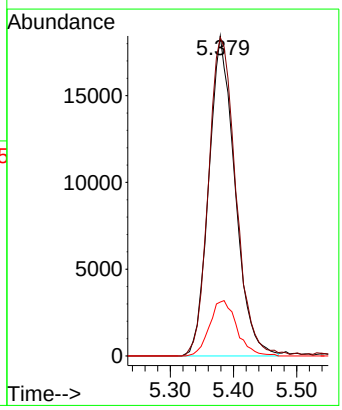


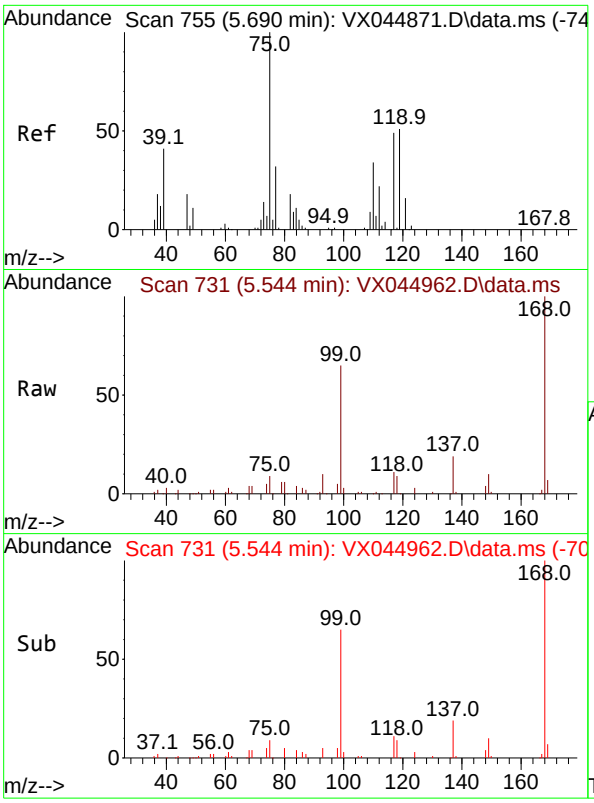


#35
Dibromofluoromethane
Concen: 50.496 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Tgt Ion:113 Resp: 52974

Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.5	125.3
192	18.0	14.4	21.6



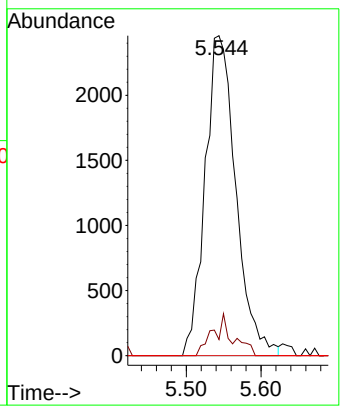


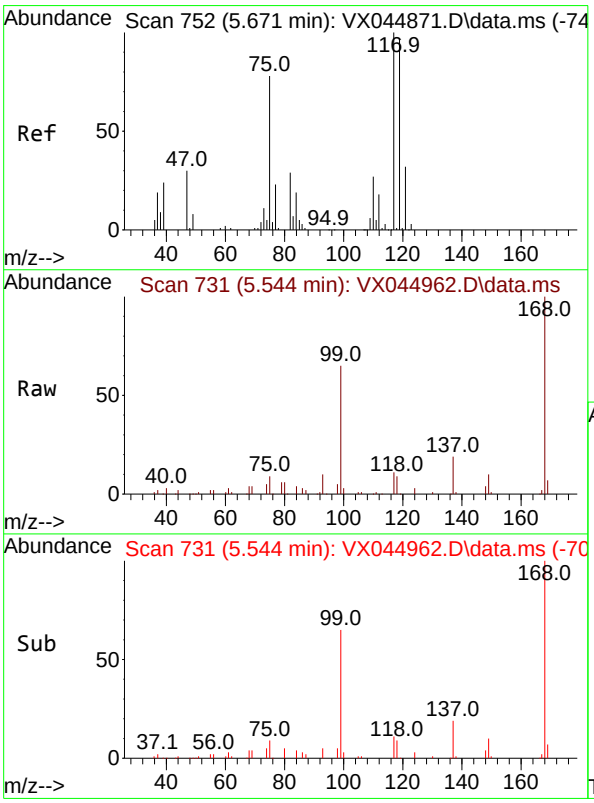
#36
1,1-Dichloropropene
Concen: 4.648 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.146 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Instrument :
MSVOA_X
ClientSampleId :
CARBON-SOLID

Tgt Ion: 75 Resp: 7035

Ion	Ratio	Lower	Upper
75	100		
110	6.4	17.2	51.6#
77	0.0	24.6	37.0#

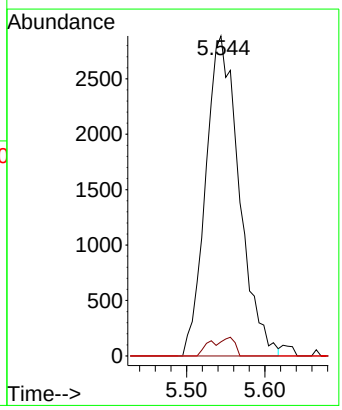


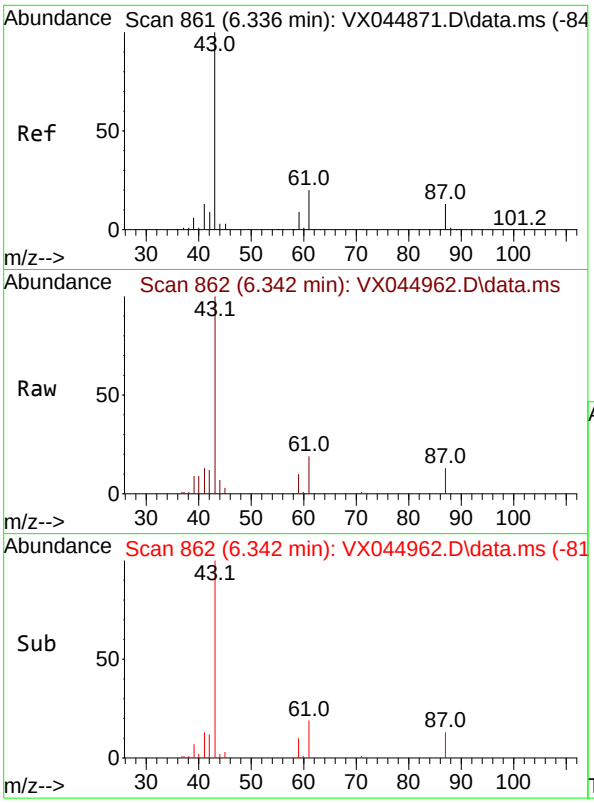


#38
Carbon Tetrachloride
Concen: 5.780 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Tgt Ion:117 Resp: 8573

Ion	Ratio	Lower	Upper
117	100		
119	4.4	77.5	116.3#
121	0.0	25.6	38.4#



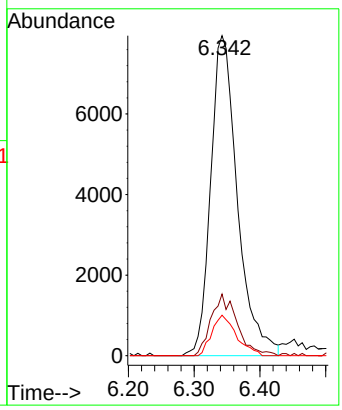


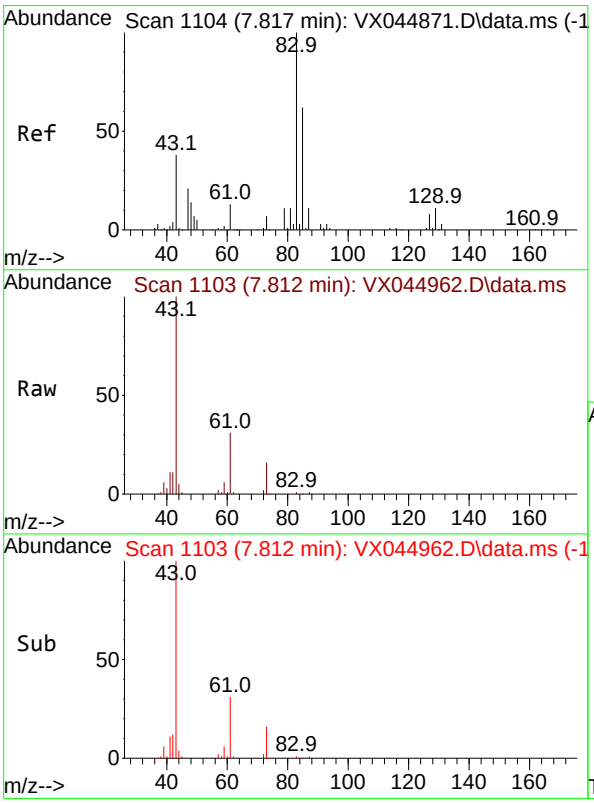
#43
Isopropyl Acetate
Concen: 8.275 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Instrument :
MSVOA_X
ClientSampleId :
CARBON-SOLID

Tgt Ion: 43 Resp: 22497

Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.8	23.8
87	11.6	10.0	15.0

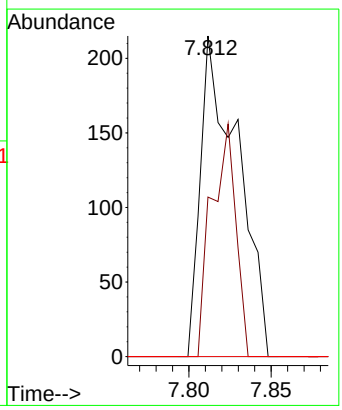


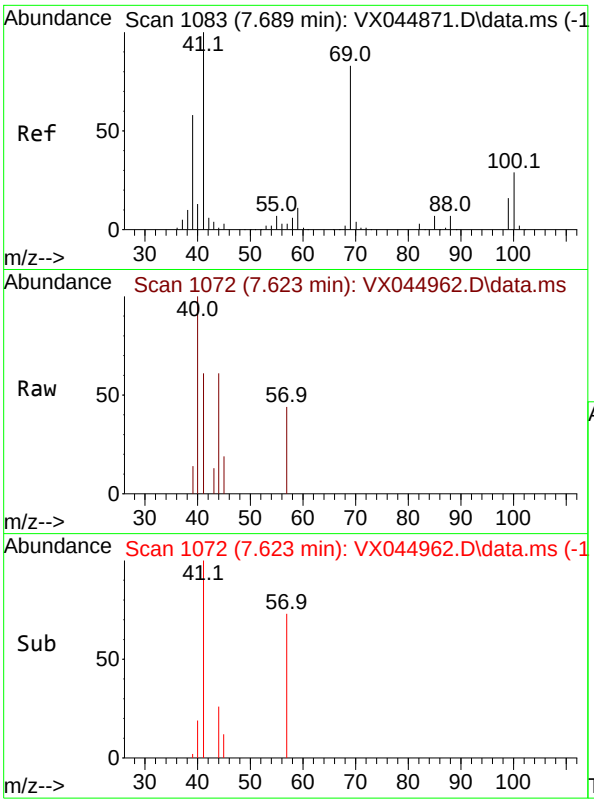


#47
Bromodichloromethane
Concen: 0.215 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Tgt Ion: 83 Resp: 339

Ion	Ratio	Lower	Upper
83	100		
85	49.8	50.0	75.0#
127	0.0	6.4	9.6#



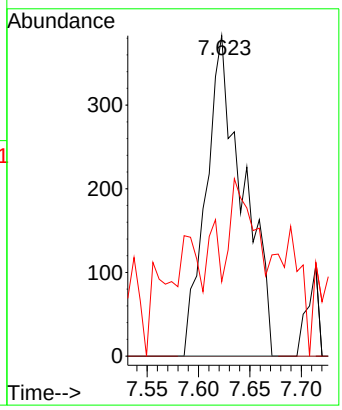


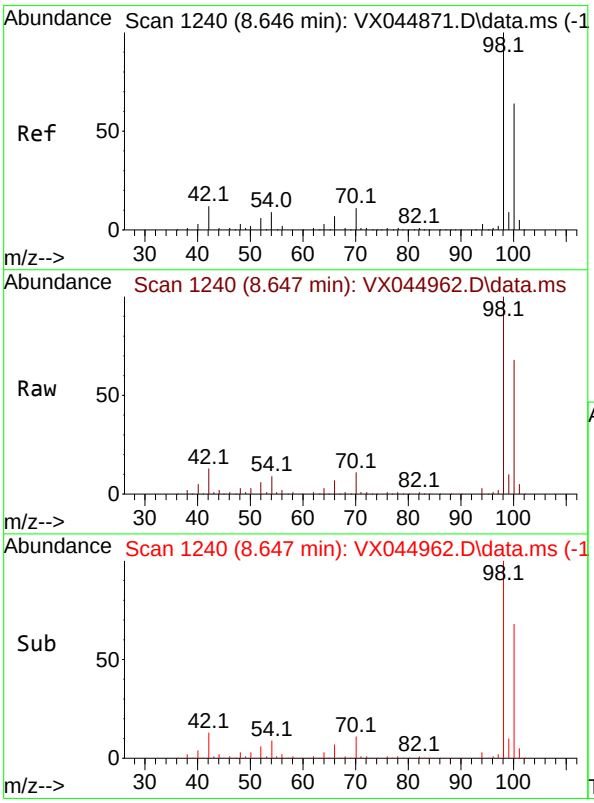
#48
Methyl methacrylate
Concen: 0.748 ug/l
RT: 7.623 min Scan# 1
Delta R.T. -0.067 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Instrument :
MSVOA_X
ClientSampleId :
CARBON-SOLID

Tgt Ion: 41 Resp: 959

Ion	Ratio	Lower	Upper
41	100		
69	0.0	65.8	98.8#
39	19.6	46.4	69.6#

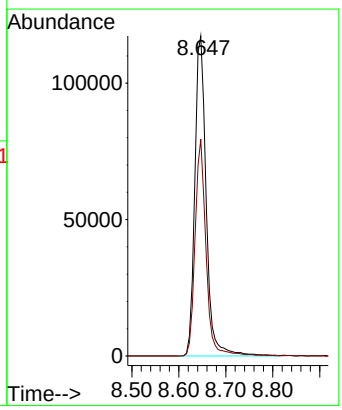


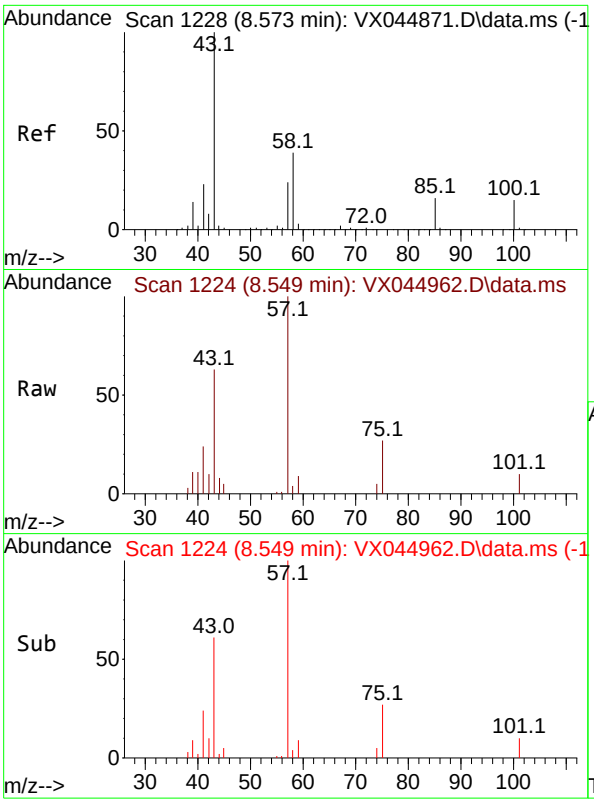


#50
Toluene-d8
Concen: 50.165 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Tgt Ion: 98 Resp: 199003

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.7	79.1



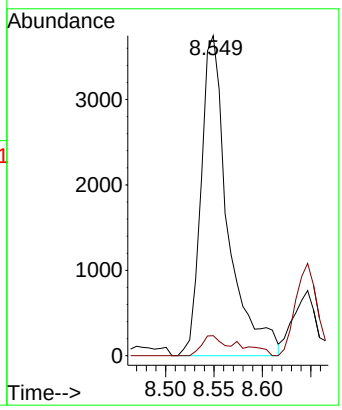


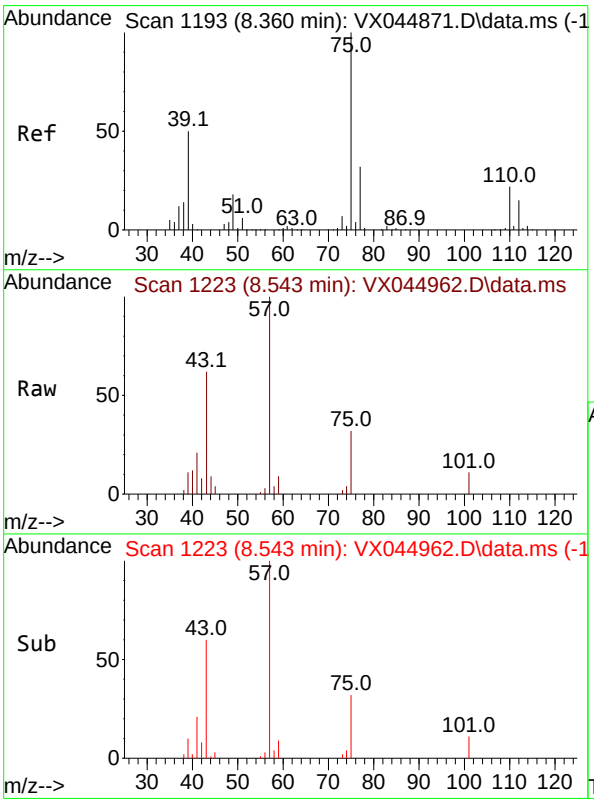
#51
4-Methyl-2-Pentanone
Concen: 4.389 ug/l
RT: 8.549 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Instrument :
MSVOA_X
ClientSampleId :
CARBON-SOLID

Tgt Ion: 43 Resp: 7253

Ion	Ratio	Lower	Upper
43	100		
58	5.2	30.8	46.2#

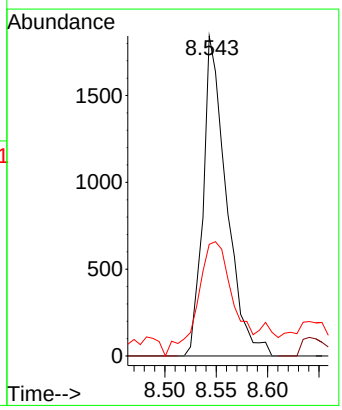


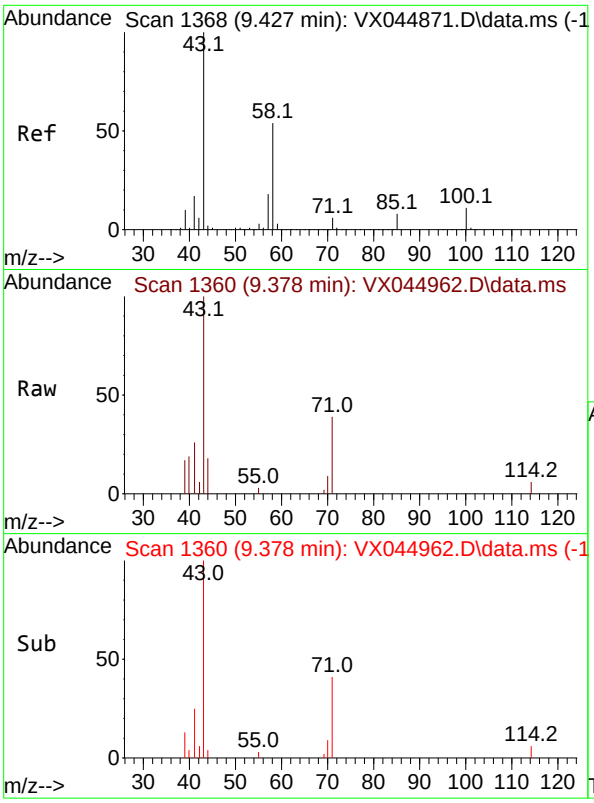


#54
cis-1,3-Dichloropropene
Concen: 1.637 ug/l
RT: 8.543 min Scan# 1223
Delta R.T. 0.183 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Tgt Ion: 75 Resp: 2916

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.3	37.9#
39	31.0	40.0	60.0#



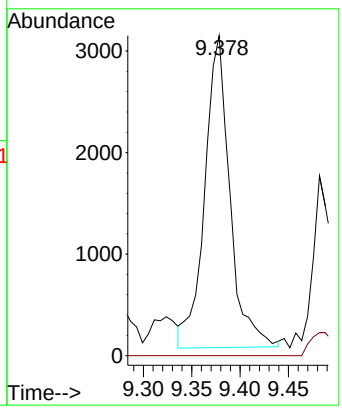


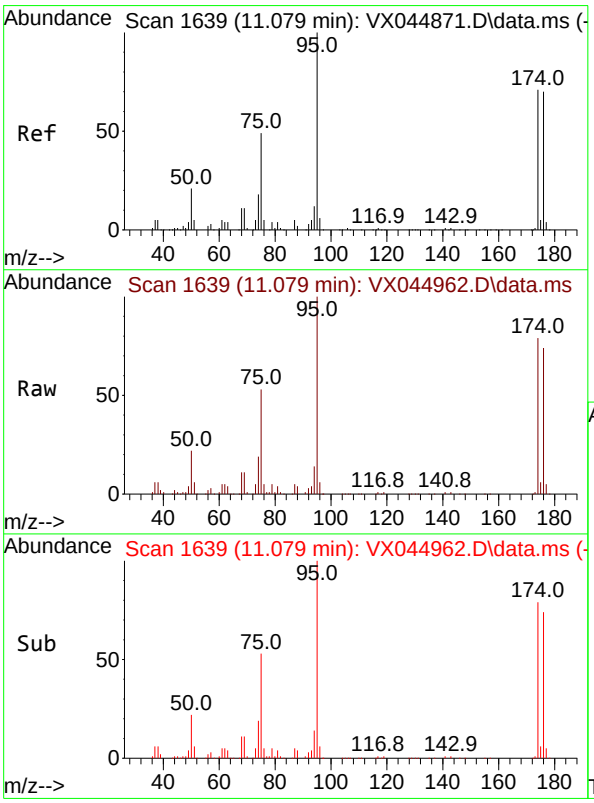
#59
2-Hexanone
Concen: 4.661 ug/l
RT: 9.378 min Scan# 1
Delta R.T. -0.048 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Instrument :
MSVOA_X
ClientSampleId :
CARBON-SOLID

Tgt Ion: 43 Resp: 5550

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.5	82.4#

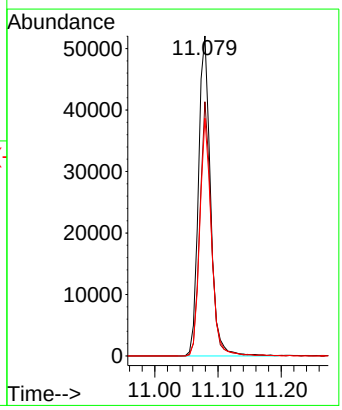


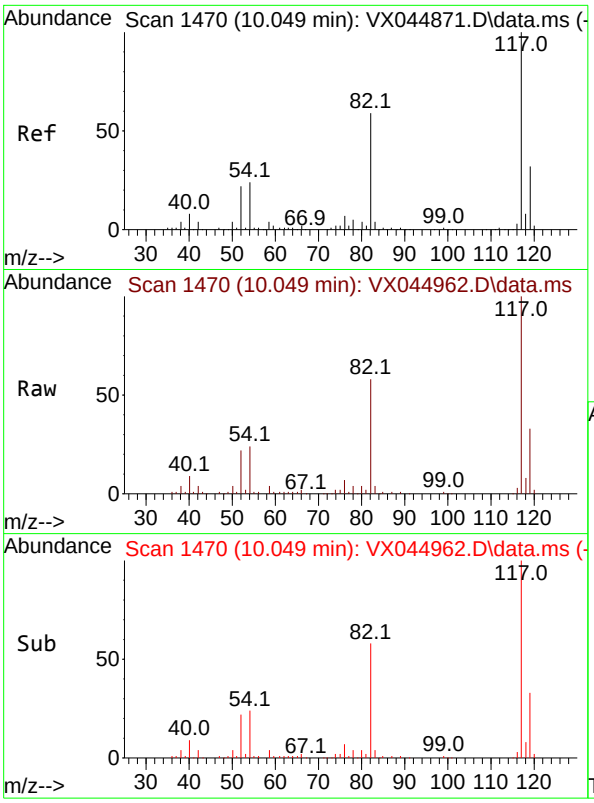


#62
4-Bromofluorobenzene
Concen: 51.607 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Tgt Ion: 95 Resp: 69016

Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	142.6
176	71.5	0.0	141.6



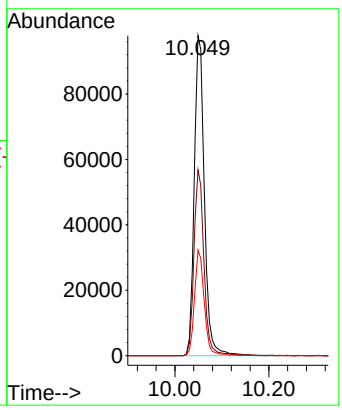


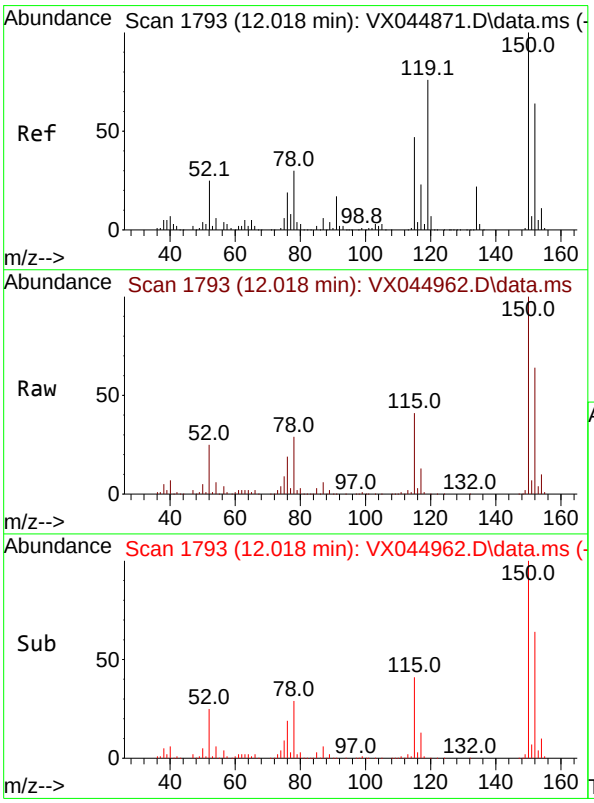
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Instrument :
MSVOA_X
ClientSampleId :
CARBON-SOLID

Tgt Ion:117 Resp: 147582

Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.5	71.3
119	32.9	25.4	38.0

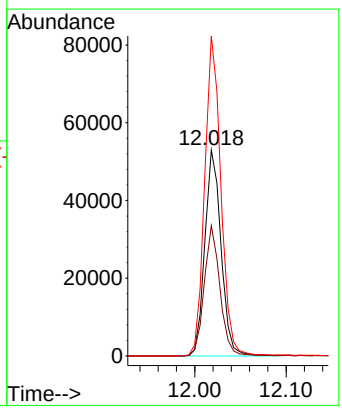


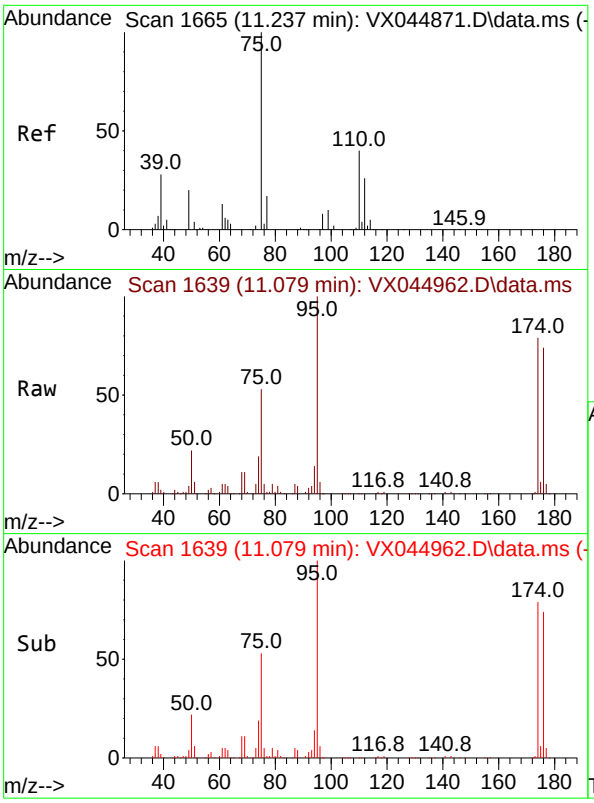


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Tgt Ion:152 Resp: 65157

Ion	Ratio	Lower	Upper
152	100		
115	61.5	43.4	130.1
150	155.3	0.0	350.4



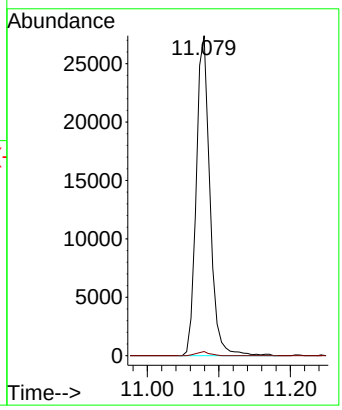


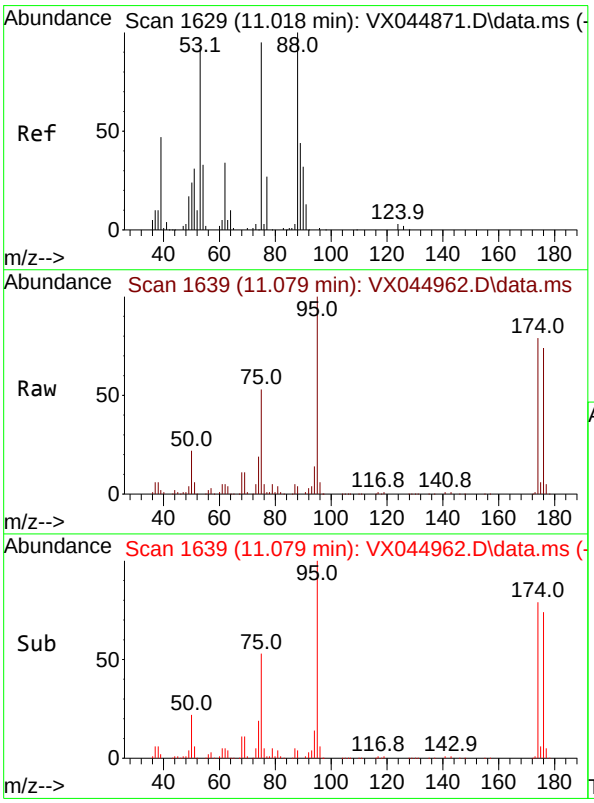
#76
1,2,3-Trichloropropane
Concen: 25.114 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.158 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Instrument :
MSVOA_X
ClientSampleId :
CARBON-SOLID

Tgt Ion: 75 Resp: 36281

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.9	65.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.604 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044962.D
Acq: 14 Feb 2025 15:29

Tgt Ion: 75 Resp: 36281

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.0	117.0#
89	0.0	36.6	54.8#