Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
Data File : VX044726.D
Acq On : 27 Jan 2025 16:04
Operator : JC/MD
Sample : Q1169-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ARS20-0006

Quant Time: Jan 28 04:14:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	141001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	286144	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	250593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	106831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	105047	49.357	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.720%			
35) Dibromofluoromethane	5.379	113	91548	50.361	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.720%			
50) Toluene-d8	8.647	98	345312	54.479	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.960%			
62) 4-Bromofluorobenzene	11.079	95	119925	50.754	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.500%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.940	59	1787	3.766	ug/l #	85
13) Acrolein	2.239	56	295	1.321	ug/l #	15
16) Acetone	2.386	43	53631	63.691	ug/l	99
18) Methyl Acetate	2.703	43	2853	1.098	ug/l	96
20) Methylene Chloride	2.782	84	1371	0.699	ug/l	96
25) 2-Butanone	4.580	43	7123	5.689	ug/l	94
29) Tetrahydrofuran	5.032	42	798	0.988	ug/l #	30
30) Chloroform	5.086	83	2537	0.759	ug/l	89
31) Cyclohexane	5.544	56	3162	1.180	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11961	4.727	ug/l #	49
37) Ethyl Acetate	4.745	43	2122	0.787	ug/l #	91
38) Carbon Tetrachloride	5.544	117	14496	5.093	ug/l #	17
43) Isopropyl Acetate	6.342	43	129831	26.190	ug/l	99
48) Methyl methacrylate	7.616	41	4124	1.792	ug/l #	13
49) 1,4-Dioxane	7.805	88	47	0.979	ug/l #	1
51) 4-Methyl-2-Pentanone	8.543	43	104428	38.119	ug/l #	46
54) cis-1,3-Dichloropropene	8.543	75	49485	14.335	ug/l #	55
57) 1,3-Dichloropropane	9.482	76	5444	1.646	ug/l #	42
59) 2-Hexanone	9.482	43	75479	37.449	ug/l #	50
74) N-amyl acetate	10.787	43	1362	0.317	ug/l #	47
76) 1,2,3-Trichloropropane	11.079	75	59707	23.029	ug/l #	32
81) trans-1,4-Dichloro-2-b...	11.079	75	59707	52.665	ug/l #	12

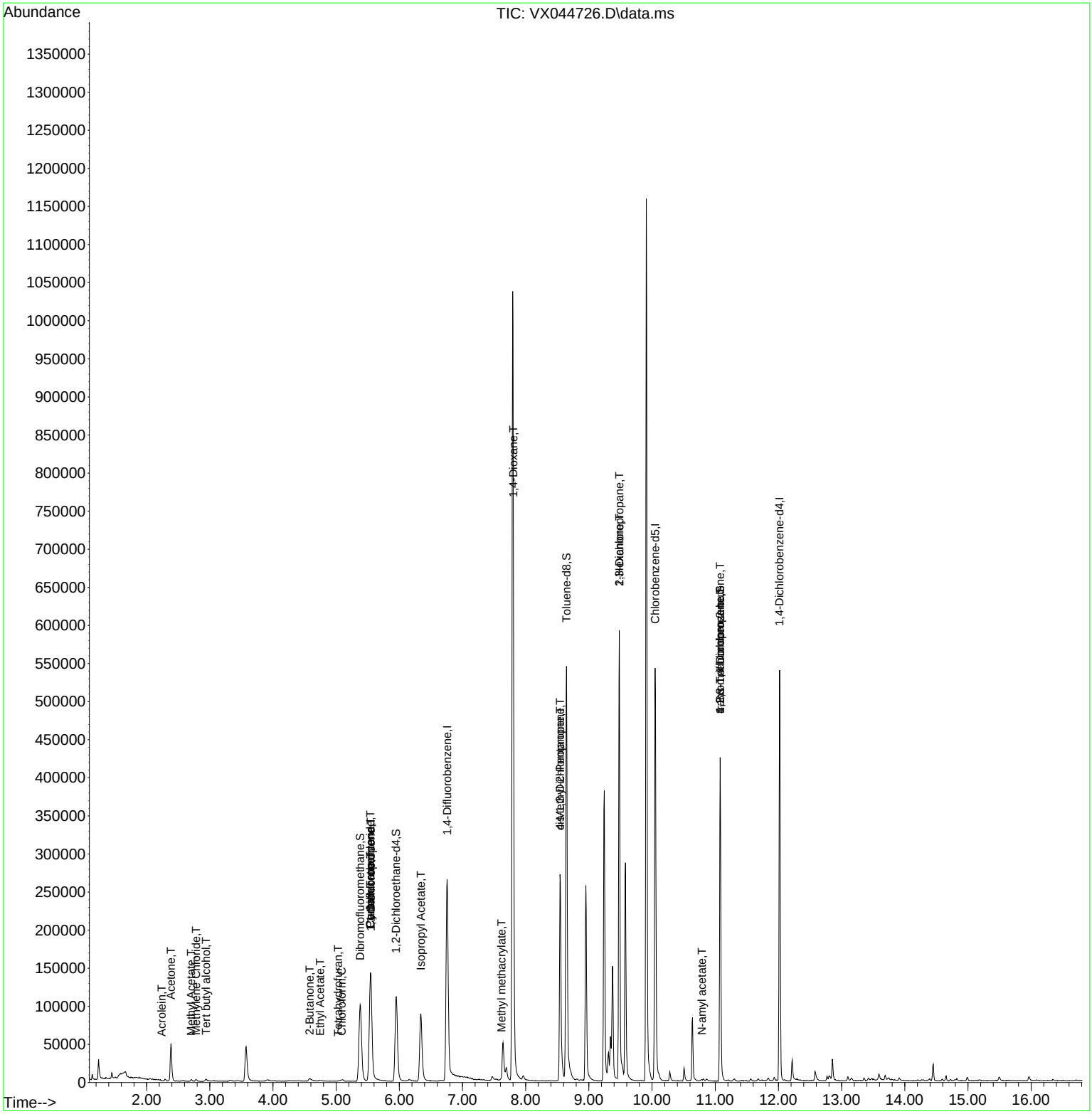
(#) = qualifier out of range (m) = manual integration (+) = signals summed

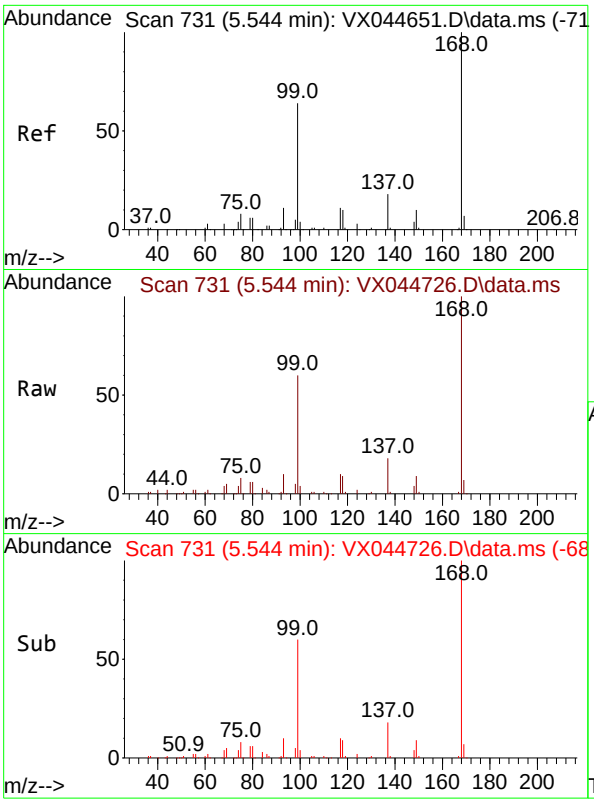
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
Data File : VX044726.D
Acq On : 27 Jan 2025 16:04
Operator : JC/MD
Sample : Q1169-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ARS20-0006

Quant Time: Jan 28 04:14:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration



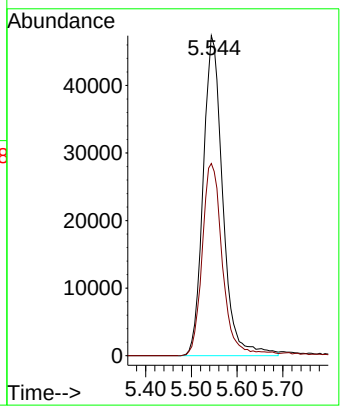


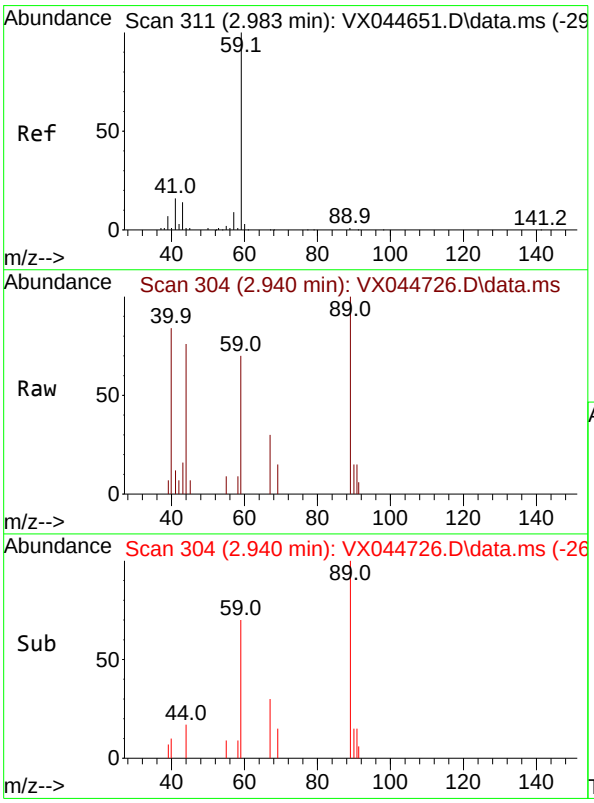
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
ARS20-0006

Tgt Ion:168 Resp: 141001

Ion	Ratio	Lower	Upper
168	100		
99	60.0	51.1	76.7

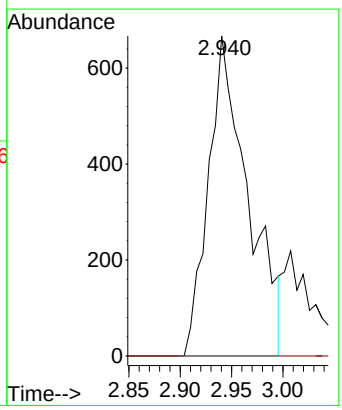


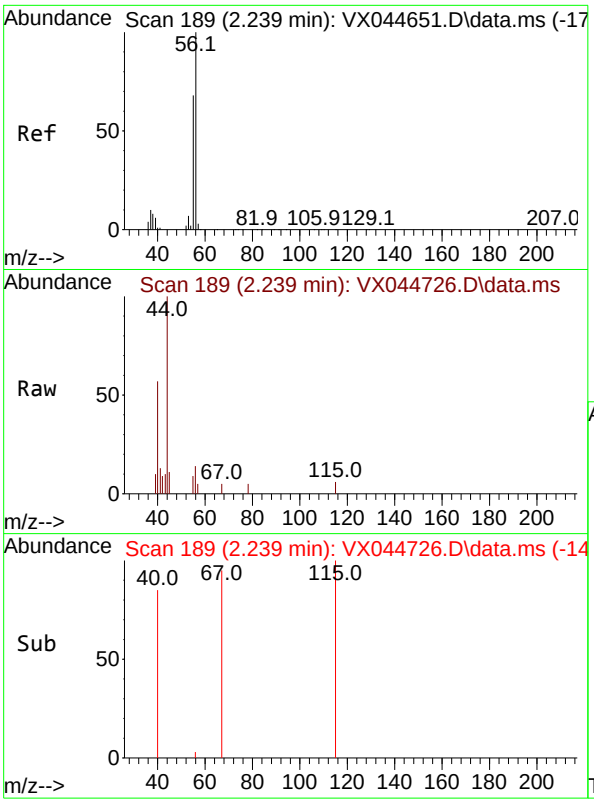


#11
Tert butyl alcohol
Concen: 3.766 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Tgt Ion: 59 Resp: 1787

Ion	Ratio	Lower	Upper
59	100		
57	0.0	3.9	5.9#



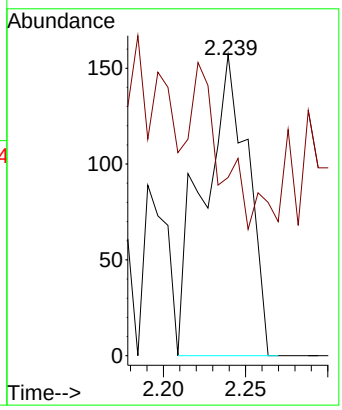


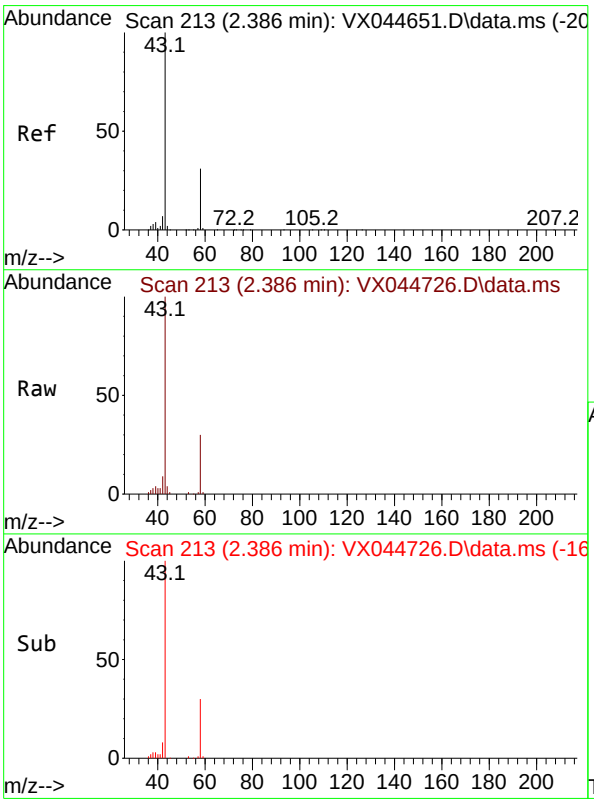
#13
Acrolein
Concen: 1.321 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
ARS20-0006

Tgt Ion: 56 Resp: 295

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.1	82.7#

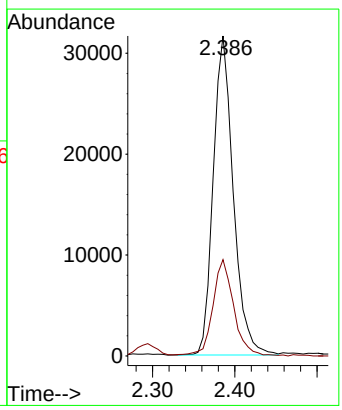


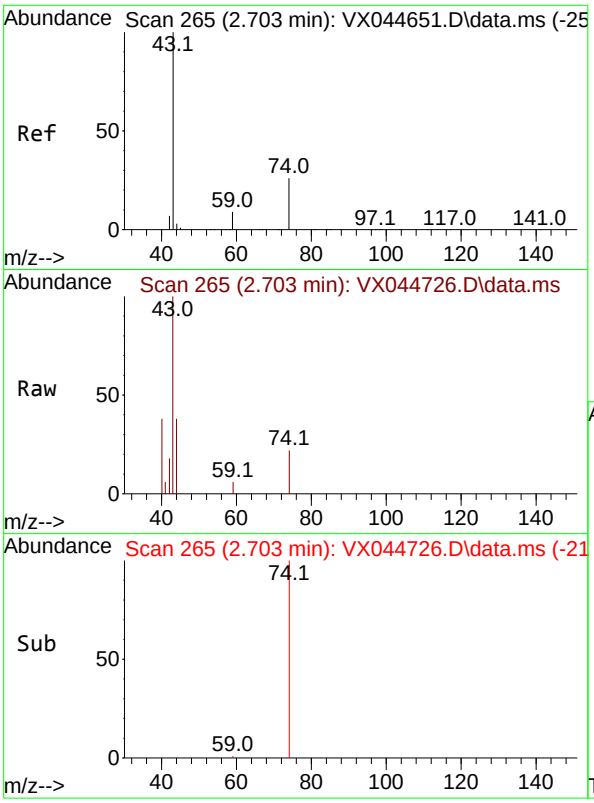


#16
Acetone
Concen: 63.691 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Tgt Ion: 43 Resp: 53631

Ion	Ratio	Lower	Upper
43	100		
58	30.0	24.6	37.0



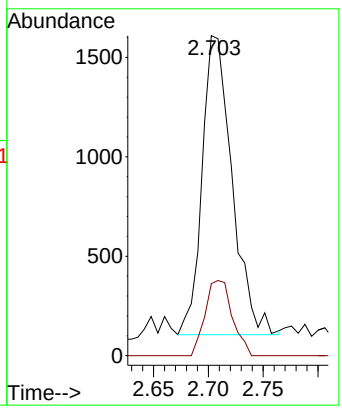


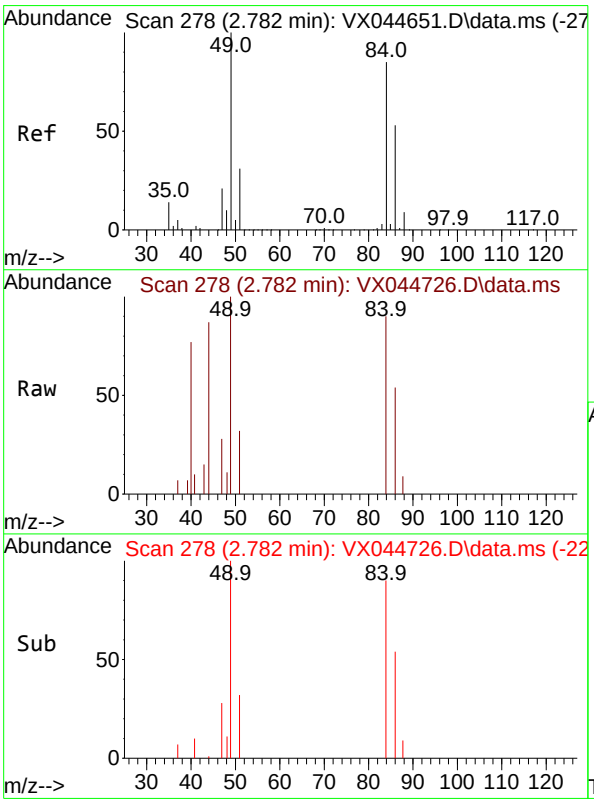
#18
Methyl Acetate
Concen: 1.098 ug/l
RT: 2.703 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
ARS20-0006

Tgt Ion: 43 Resp: 2853

Ion	Ratio	Lower	Upper
43	100		
74	22.8	19.8	29.8

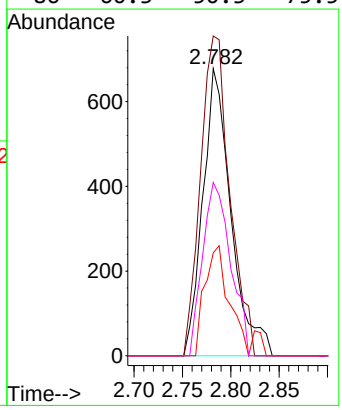


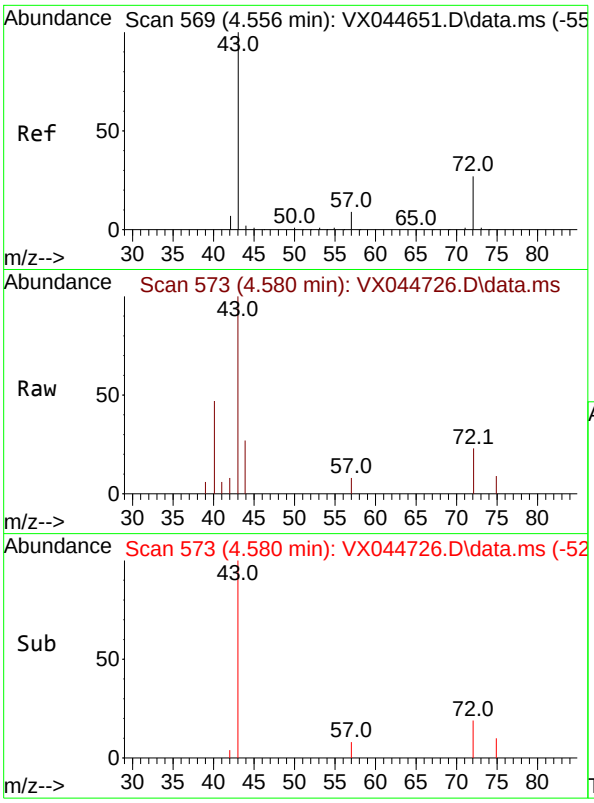


#20
Methylene Chloride
Concen: 0.699 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Tgt Ion: 84 Resp: 1371

Ion	Ratio	Lower	Upper
84	100		
49	111.4	94.2	141.4
51	35.8	28.8	43.2
86	60.3	50.3	75.5



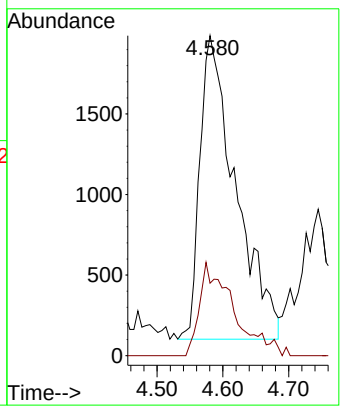


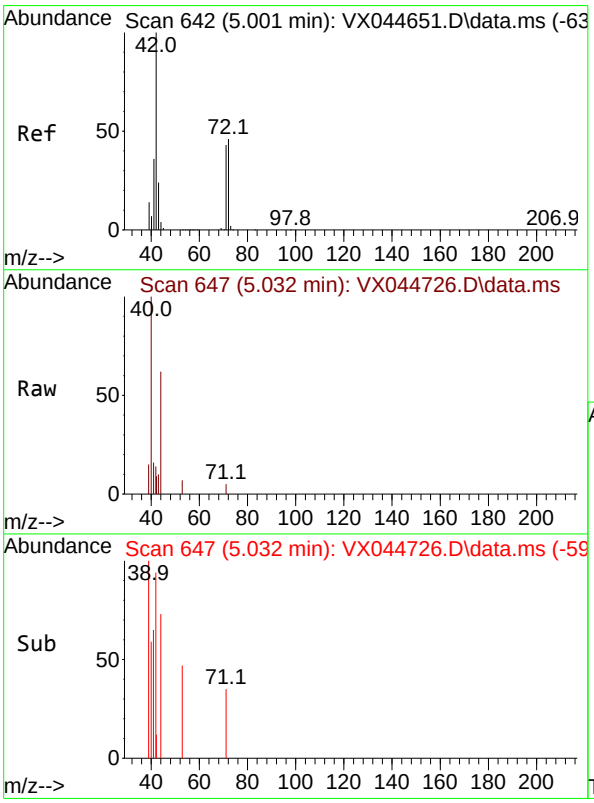
#25
2-Butanone
Concen: 5.689 ug/l
RT: 4.580 min Scan# 5
Delta R.T. 0.024 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
ARS20-0006

Tgt Ion: 43 Resp: 7123

Ion	Ratio	Lower	Upper
43	100		
72	23.9	21.7	32.5

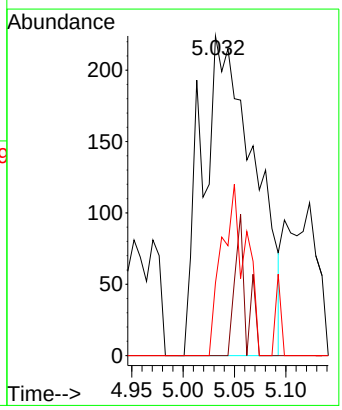


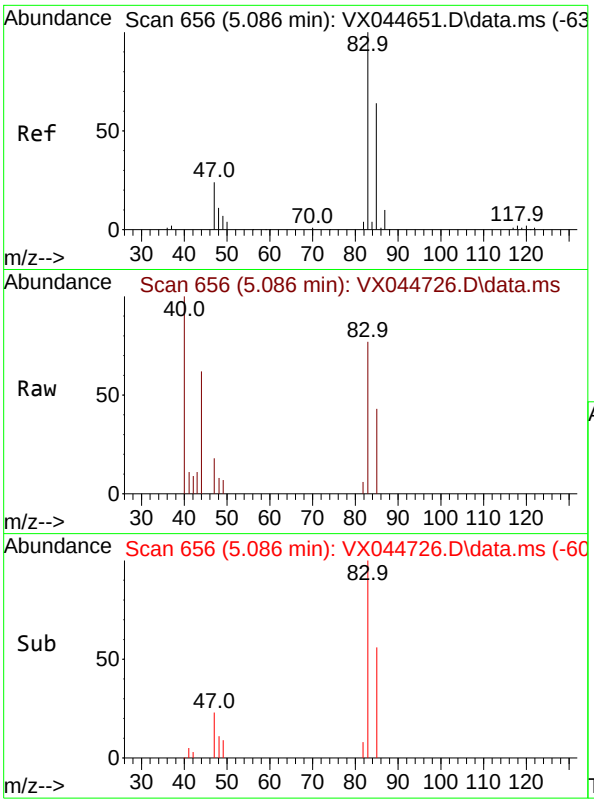


#29
Tetrahydrofuran
Concen: 0.988 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.030 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Tgt Ion: 42 Resp: 798

Ion	Ratio	Lower	Upper
42	100		
72	0.0	38.2	57.4#
71	0.0	35.3	52.9#



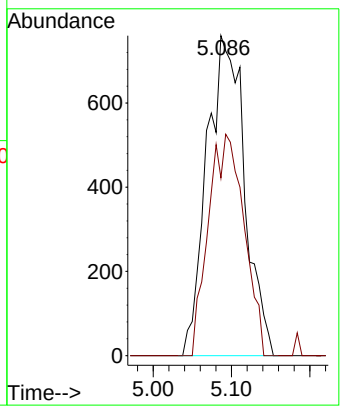


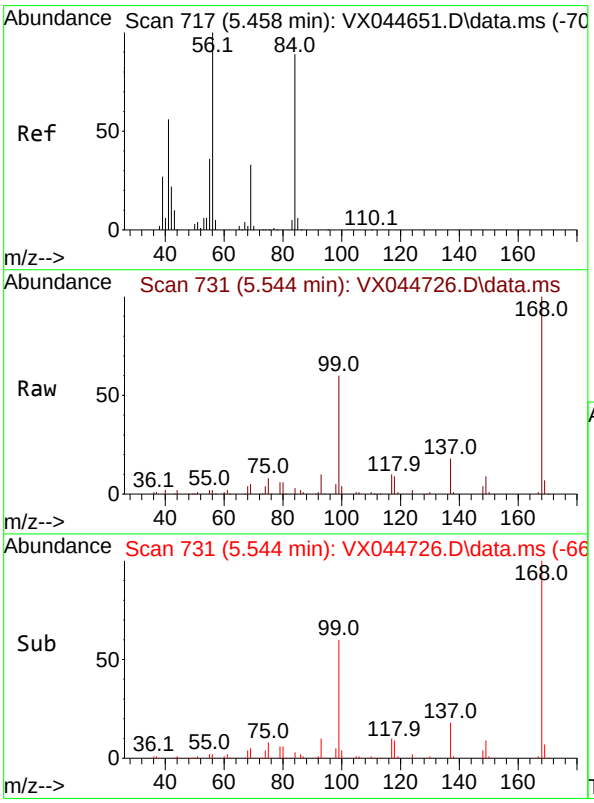
#30
Chloroform
Concen: 0.759 ug/l
RT: 5.086 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
ARS20-0006

Tgt Ion: 83 Resp: 2537

Ion	Ratio	Lower	Upper
83	100		
85	55.5	51.2	76.8

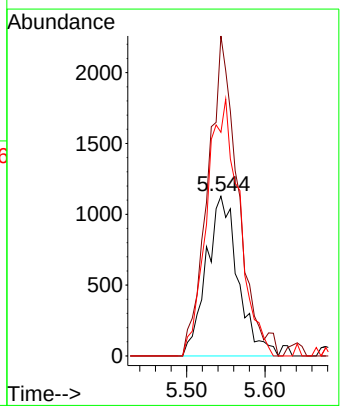


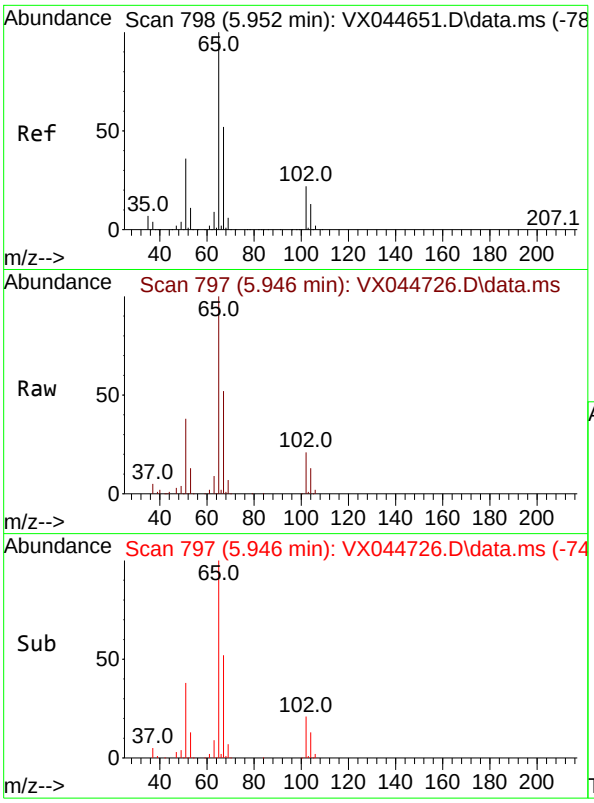


#31
Cyclohexane
Concen: 1.180 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Tgt Ion: 56 Resp: 3162

Ion	Ratio	Lower	Upper
56	100		
69	200.4	26.8	40.2#
84	140.1	71.0	106.4#



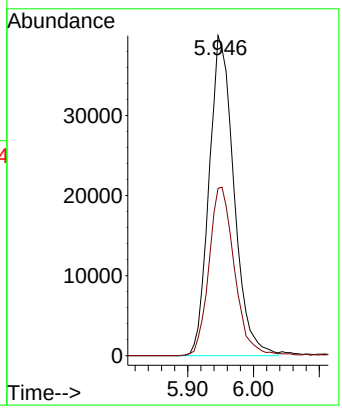


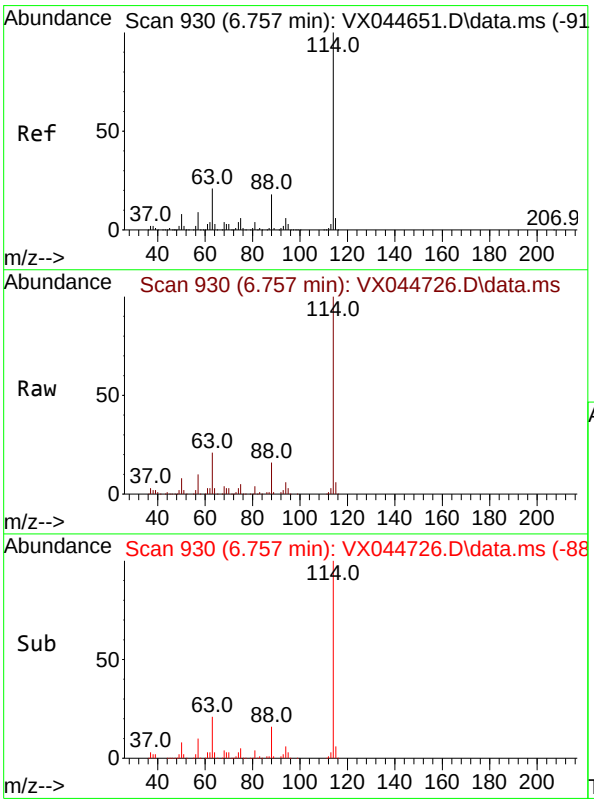
#33
1,2-Dichloroethane-d4
Concen: 49.357 ug/l
RT: 5.946 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
ARS20-0006

Tgt Ion: 65 Resp: 105047

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	103.4

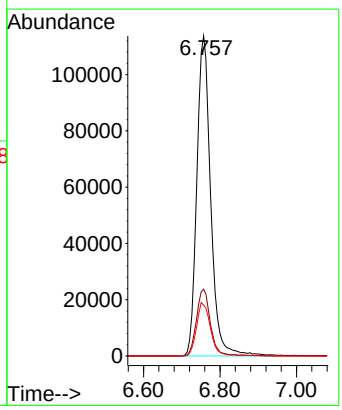


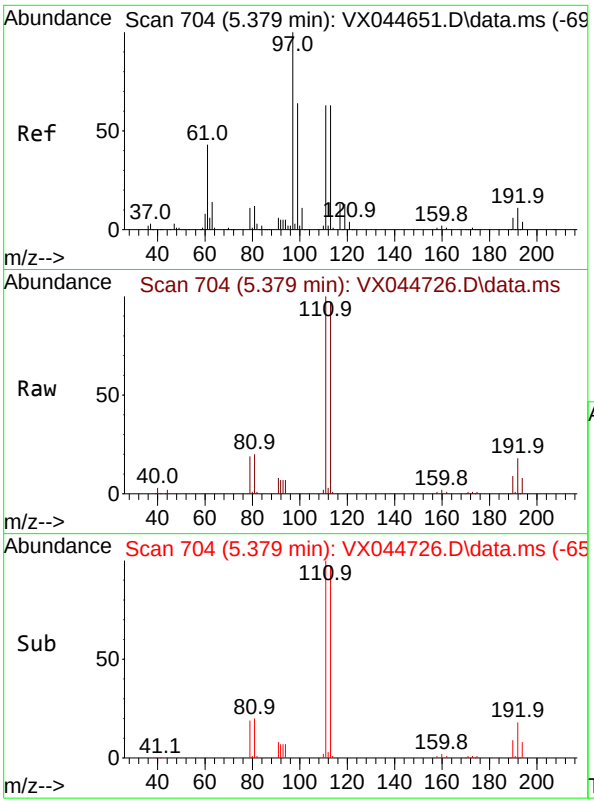


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Tgt Ion:114 Resp: 286144

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.0
88	15.9	0.0	35.4



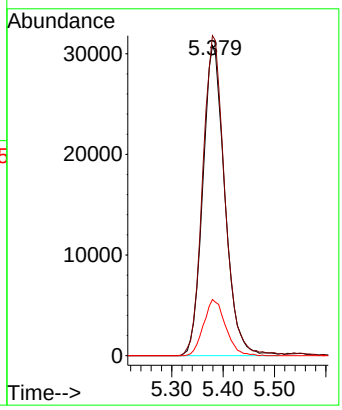


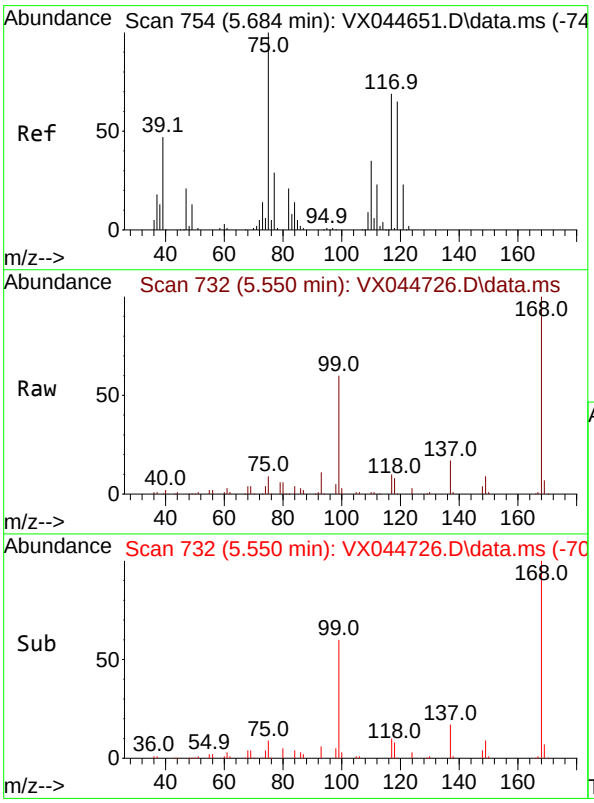
#35
Dibromofluoromethane
Concen: 50.361 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
ARS20-0006

Tgt Ion:113 Resp: 91548

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.6	122.4
192	18.1	14.4	21.6

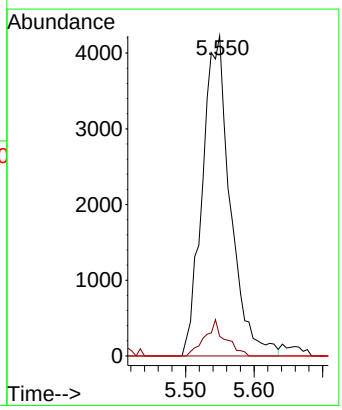


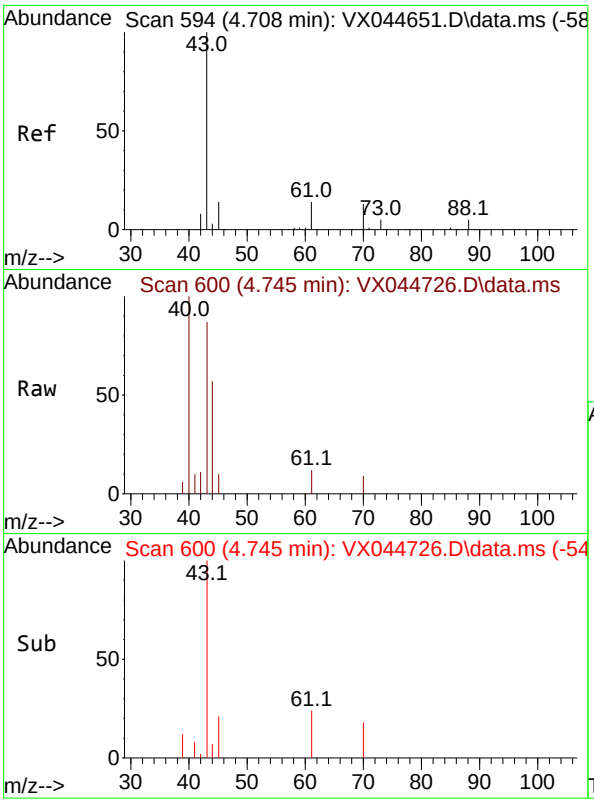


#36
1,1-Dichloropropene
Concen: 4.727 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Tgt Ion: 75 Resp: 11961

Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.9	53.8#
77	0.0	24.5	36.7#



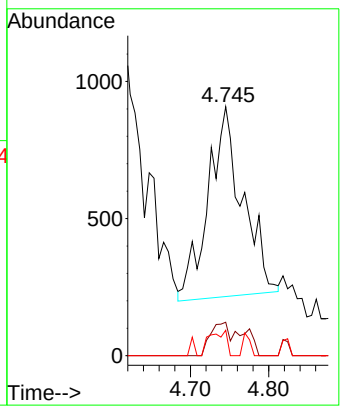


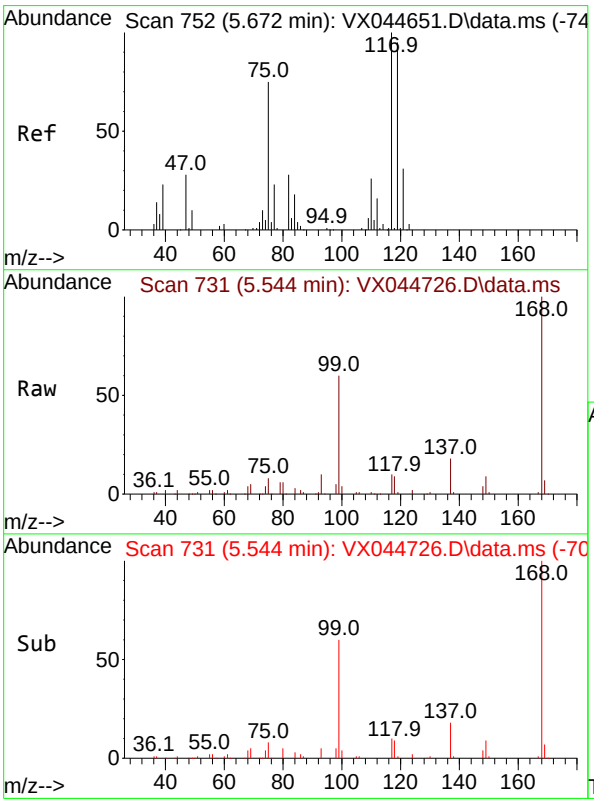
#37
Ethyl Acetate
Concen: 0.787 ug/l
RT: 4.745 min Scan# 6
Delta R.T. 0.037 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
ARS20-0006

Tgt Ion: 43 Resp: 2122

Ion	Ratio	Lower	Upper
43	100		
61	12.2	10.9	16.3
70	6.6	10.1	15.1#

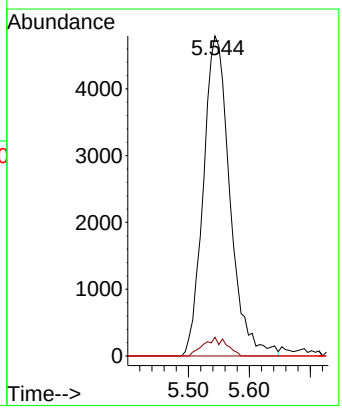


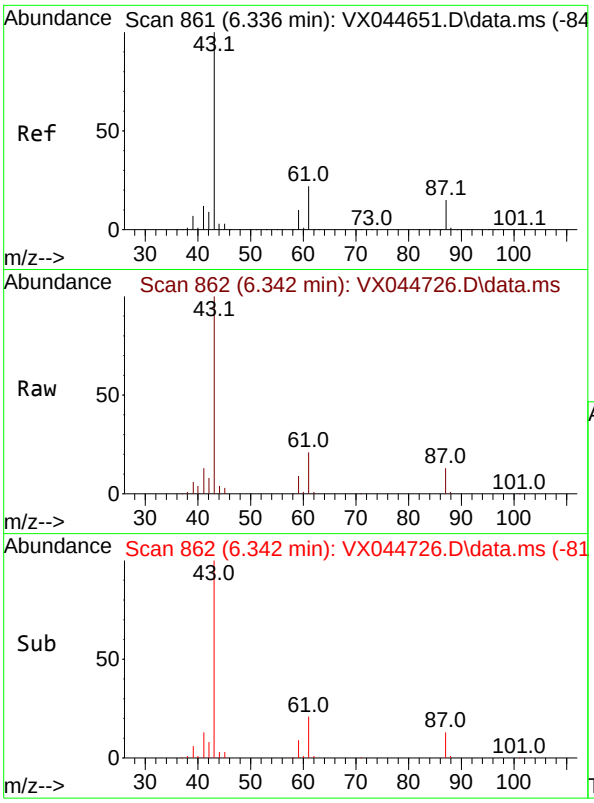


#38
Carbon Tetrachloride
Concen: 5.093 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Tgt Ion:117 Resp: 14496

Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.0	114.0#
121	0.0	24.6	36.8#



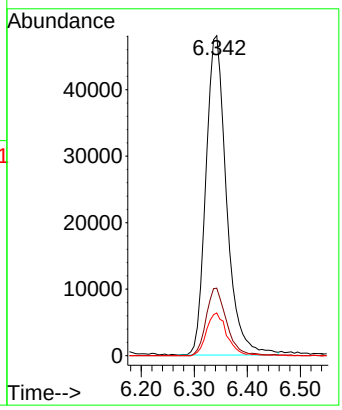


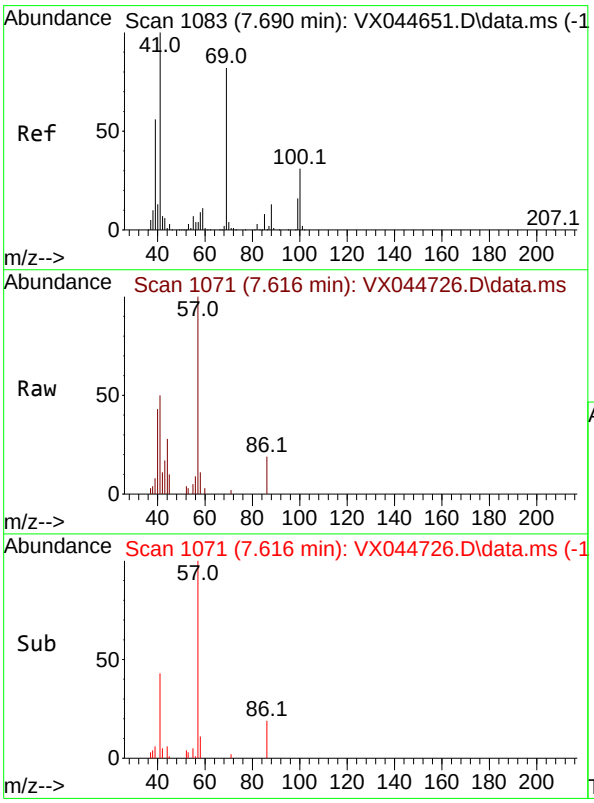
#43
Isopropyl Acetate
Concen: 26.190 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
ARS20-0006

Tgt Ion: 43 Resp: 129831

Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.6	24.8
87	13.4	11.0	16.6

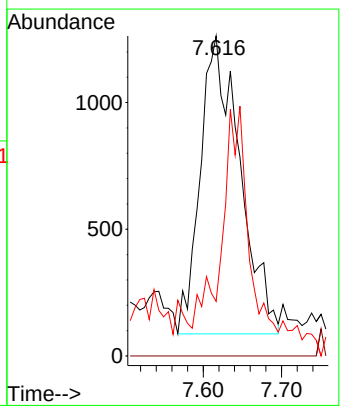


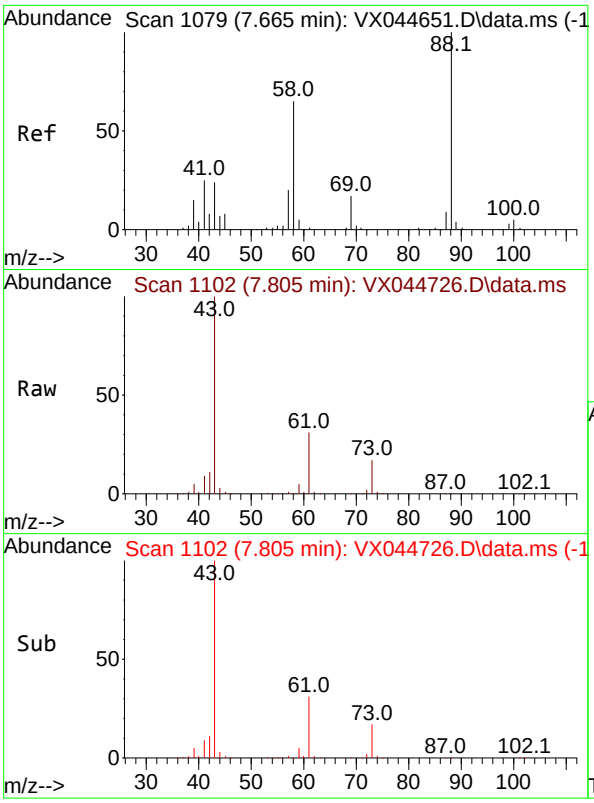


#48
Methyl methacrylate
Concen: 1.792 ug/l
RT: 7.616 min Scan# 1071
Delta R.T. -0.073 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Tgt Ion: 41 Resp: 4124

Ion	Ratio	Lower	Upper
41	100		
69	0.0	66.8	100.2#
39	0.0	47.4	71.0#



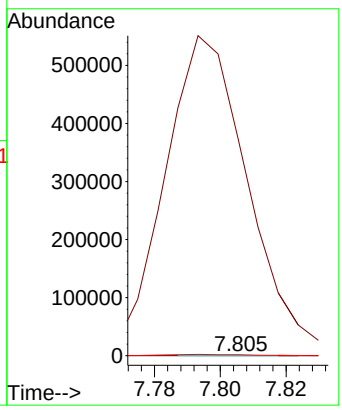


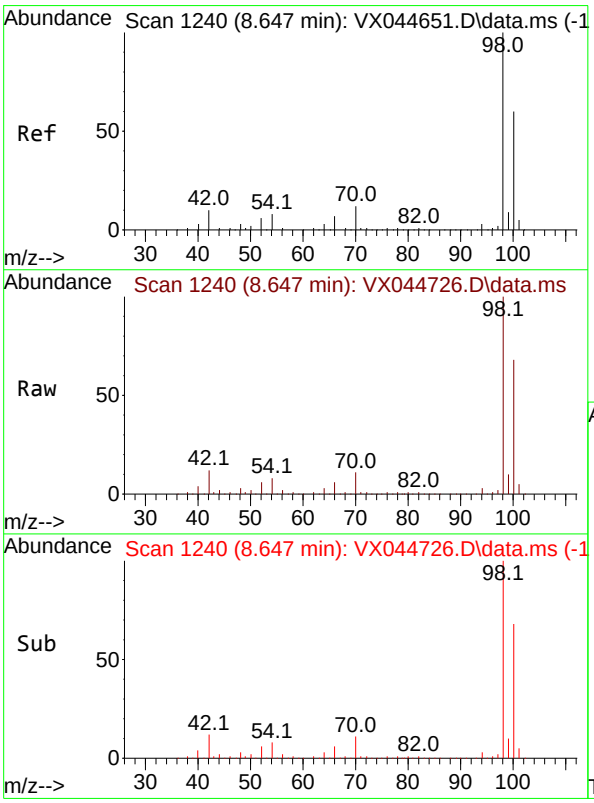
#49
1,4-Dioxane
Concen: 0.979 ug/l
RT: 7.805 min Scan# 11
Delta R.T. 0.140 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
ARS20-0006

Tgt Ion: 88 Resp: 47

Ion	Ratio	Lower	Upper
88	100		
43	2122787.2	27.0	40.4#
58	8466.0	55.8	83.8#

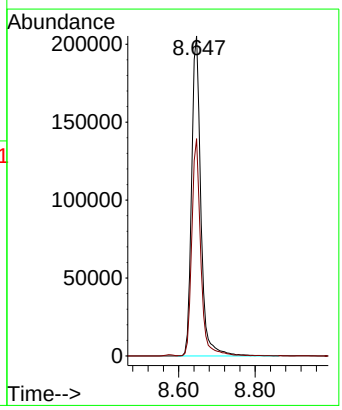


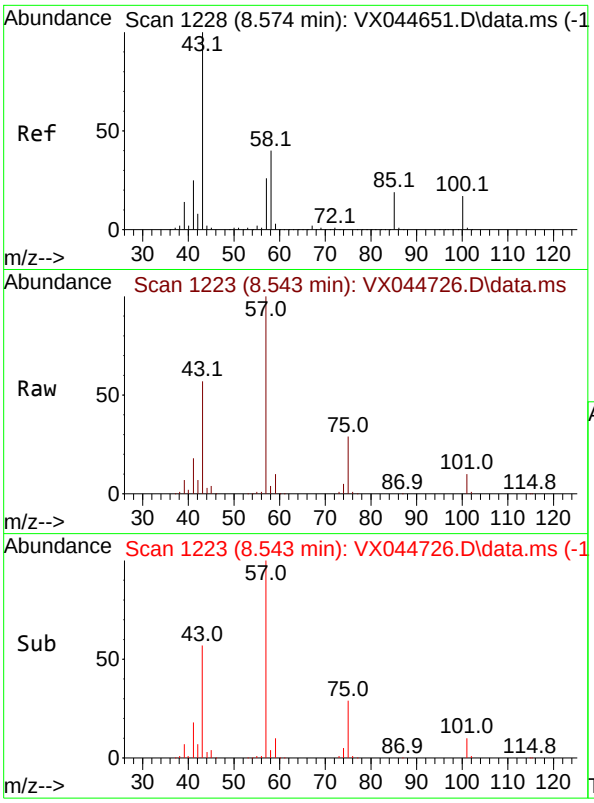


#50
Toluene-d8
Concen: 54.479 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Tgt Ion: 98 Resp: 345312

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.2	79.8



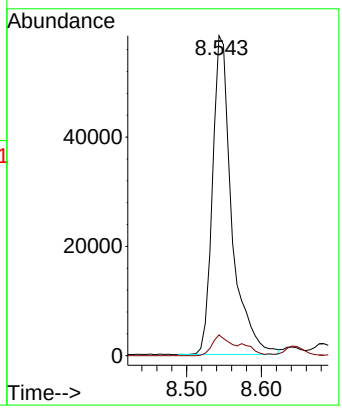


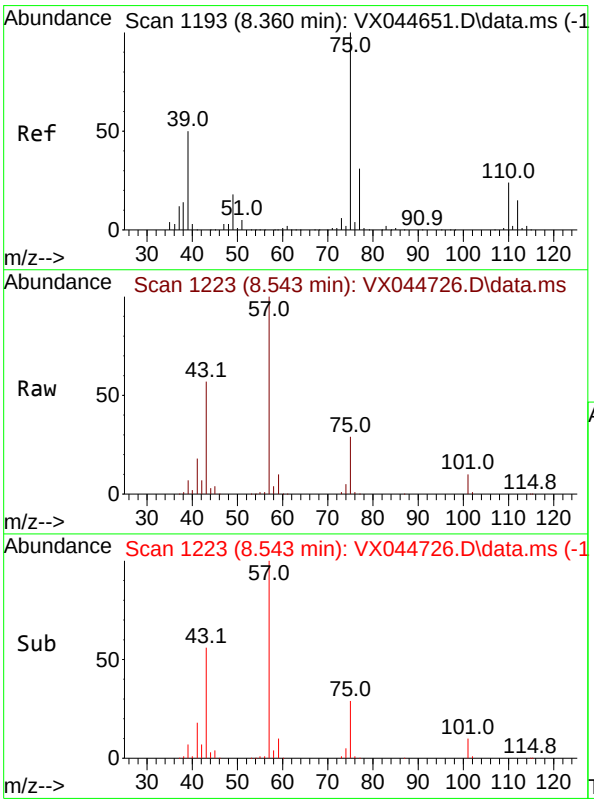
#51
4-Methyl-2-Pentanone
Concen: 38.119 ug/l
RT: 8.543 min Scan# 1
Delta R.T. -0.030 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
ARS20-0006

Tgt Ion: 43 Resp: 104428

Ion	Ratio	Lower	Upper
43	100		
58	6.3	31.9	47.9#

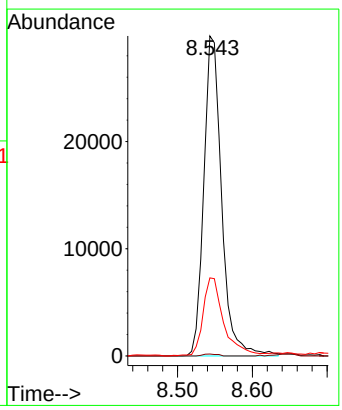


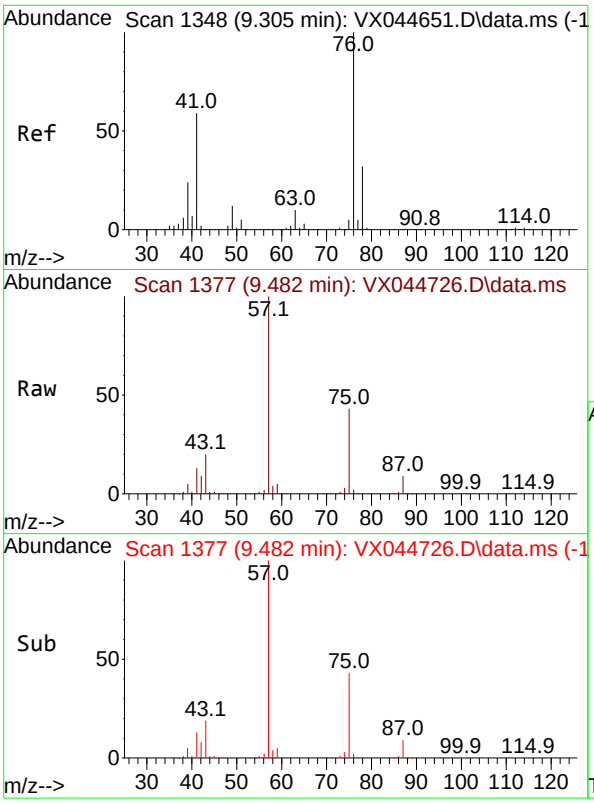


#54
cis-1,3-Dichloropropene
Concen: 14.335 ug/l
RT: 8.543 min Scan# 1223
Delta R.T. 0.183 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Tgt Ion: 75 Resp: 49485

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.1	37.7#
39	24.3	40.3	60.5#



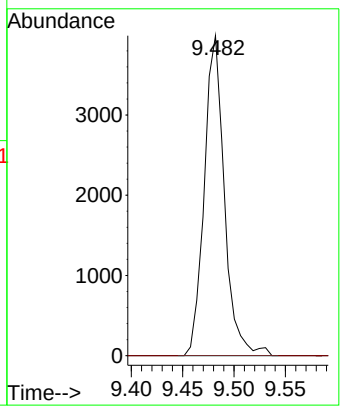


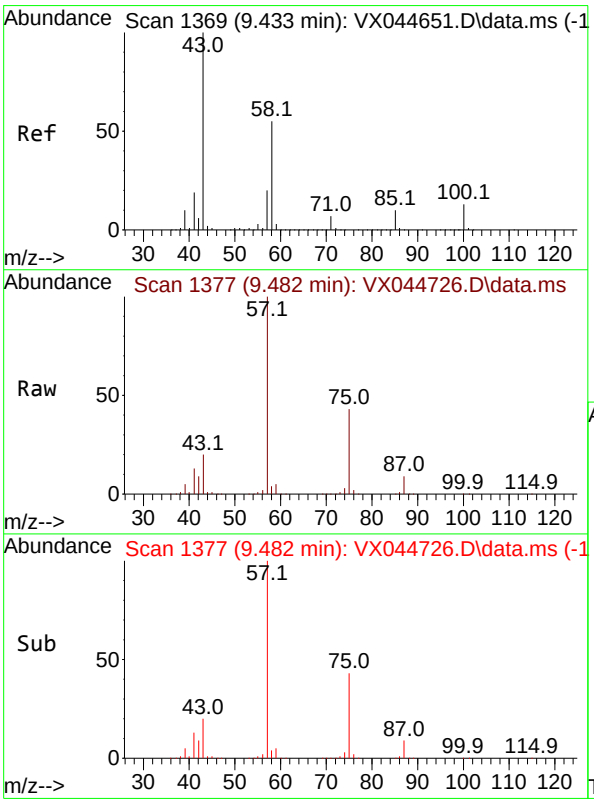
#57
1,3-Dichloropropane
Concen: 1.646 ug/l
RT: 9.482 min Scan# 1
Delta R.T. 0.177 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
ARS20-0006

Tgt Ion: 76 Resp: 5444

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#

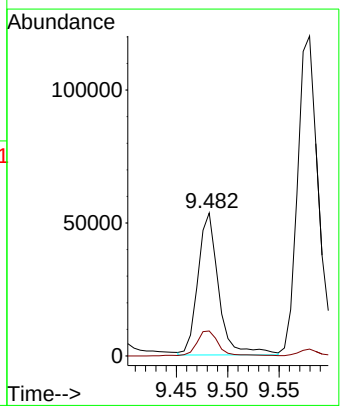


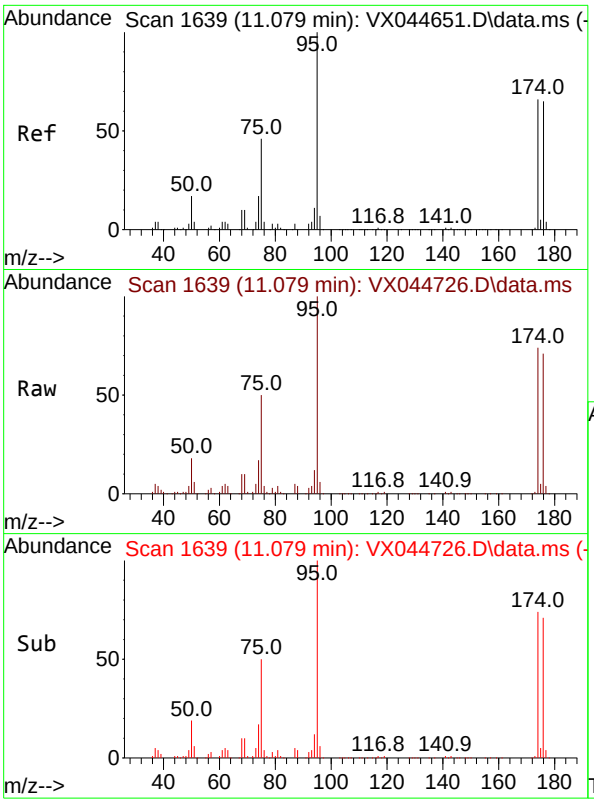


#59
2-Hexanone
Concen: 37.449 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Tgt Ion: 43 Resp: 75479

Ion	Ratio	Lower	Upper
43	100		
58	19.0	27.8	83.3#



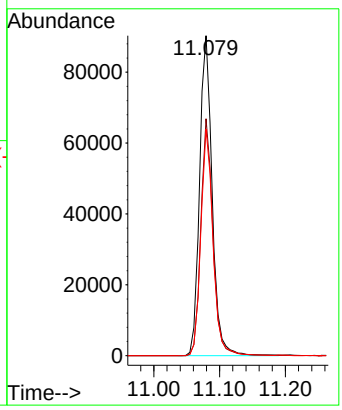


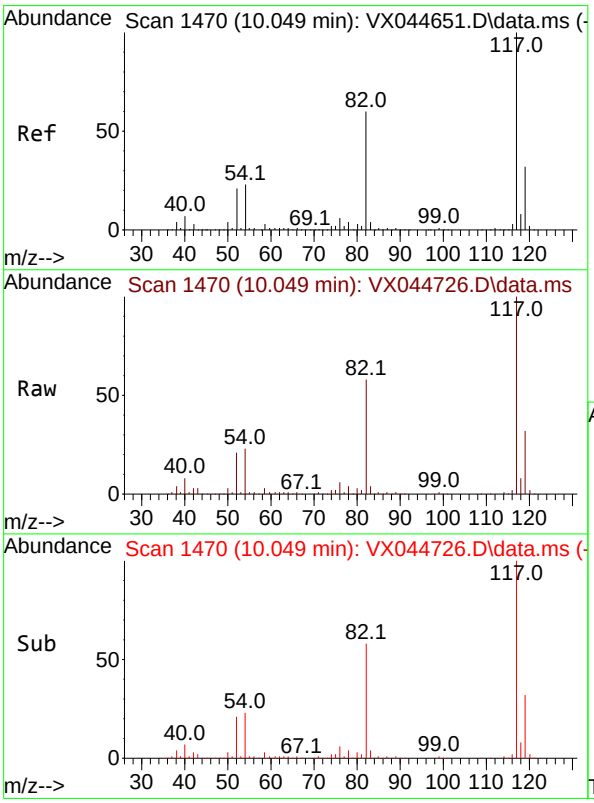
#62
4-Bromofluorobenzene
Concen: 50.754 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
ARS20-0006

Tgt Ion: 95 Resp: 119925

Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	133.0
176	68.7	0.0	129.4

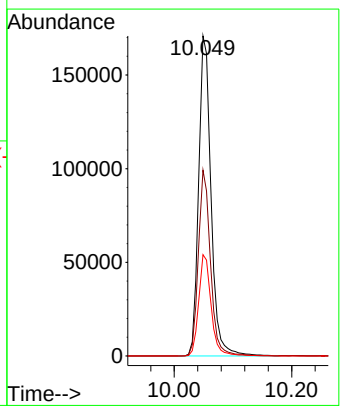


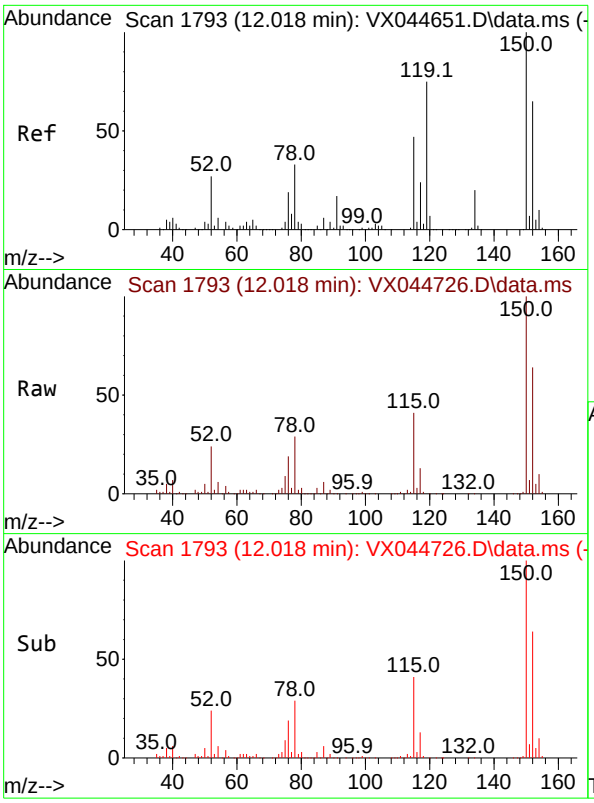


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Tgt Ion:117 Resp: 250593

Ion	Ratio	Lower	Upper
117	100		
82	58.0	47.6	71.4
119	31.6	25.4	38.2



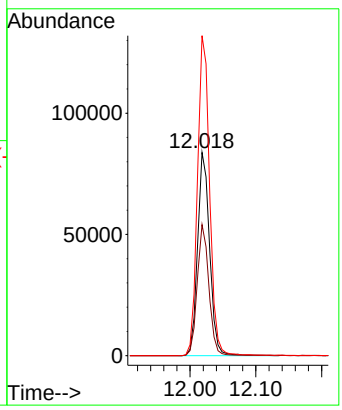


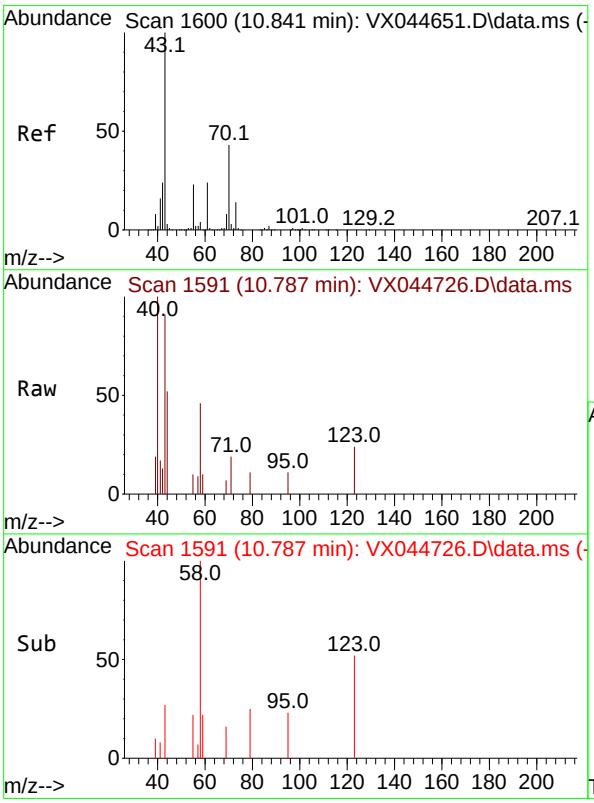
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
ARS20-0006

Tgt Ion:152 Resp: 106831

Ion	Ratio	Lower	Upper
152	100		
115	62.6	43.8	131.4
150	158.6	0.0	347.8

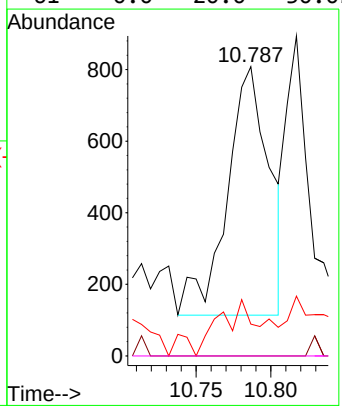


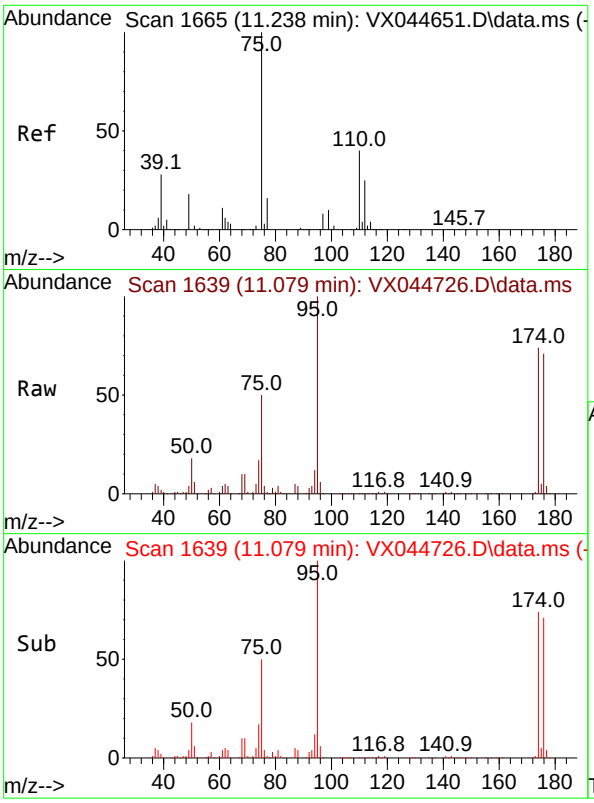


#74
N-amyl acetate
Concen: 0.317 ug/l
RT: 10.787 min Scan# 1591
Delta R.T. -0.055 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Tgt Ion: 43 Resp: 1362

Ion	Ratio	Lower	Upper
43	100		
70	0.0	35.2	52.8#
55	9.5	19.0	28.4#
61	0.0	20.0	30.0#



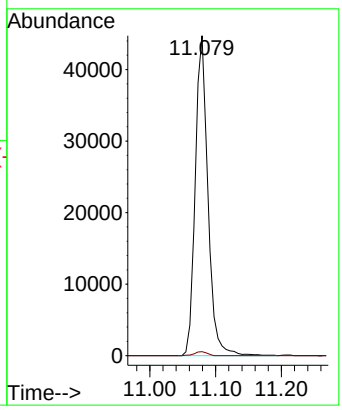


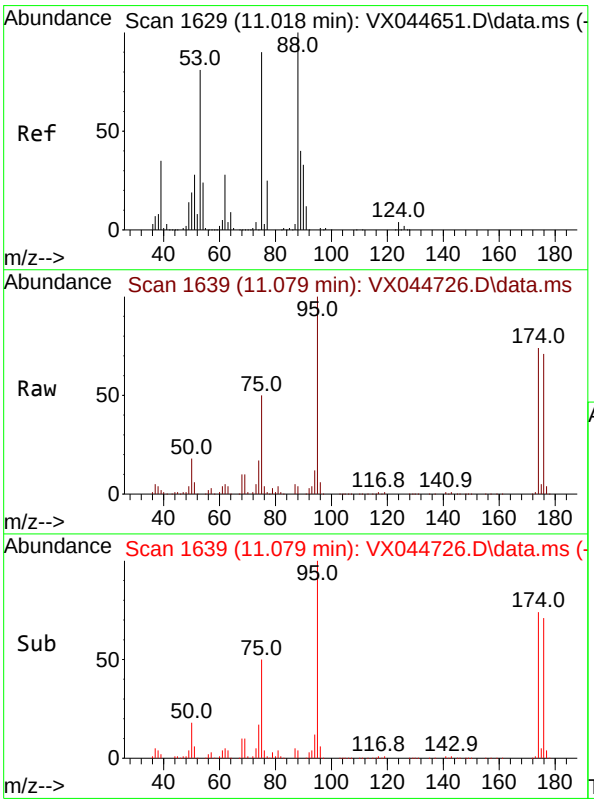
#76
1,2,3-Trichloropropane
Concen: 23.029 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.158 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Instrument :
MSVOA_X
ClientSampleId :
ARS20-0006

Tgt Ion: 75 Resp: 59707

Ion	Ratio	Lower	Upper
75	100		
77	1.3	23.4	70.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 52.665 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044726.D
Acq: 27 Jan 2025 16:04

Tgt Ion: 75 Resp: 59707

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.3	111.5#
89	0.0	37.4	56.0#