Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122022\
Data File : VX033504.D
Acq On : 20 Dec 2022 13:45
Operator : JC/MD
Sample : N6149-03 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Quant Time: Dec 21 04:14:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	109080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173974	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	32506	46.451	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 92.900%			
35) Dibromofluoromethane	5.385	113	37348	47.729	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.460%			
50) Toluene-d8	8.647	98	78096	47.708	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.420%			
62) 4-Bromofluorobenzene	11.079	95	65321	52.188	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.380%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.959	59	4054	18.949	ug/l #	91
14) Allyl chloride	2.575	41	627	0.397	ug/l #	20
16) Acetone	2.386	43	7524	14.530	ug/l	91
18) Methyl Acetate	2.709	43	896	0.598	ug/l #	81
20) Methylene Chloride	2.794	84	634	0.549	ug/l #	76
22) Diisopropyl ether	3.696	45	3721	1.100	ug/l #	1
25) 2-Butanone	4.574	43	2948	3.966	ug/l	96
31) Cyclohexane	5.550	56	2132	1.282	ug/l #	18
36) 1,1-Dichloropropene	5.556	75	8172	5.357	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11435	6.690	ug/l #	16
43) Isopropyl Acetate	6.123	43	85619	36.898	ug/l #	61
48) Methyl methacrylate	7.574	41	8877	7.413	ug/l #	41
49) 1,4-Dioxane	7.702	88	204	7.470	ug/l #	26
51) 4-Methyl-2-Pentanone	8.574	43	3309	2.255	ug/l	93
52) Toluene	8.726	92	927	0.322	ug/l	98
53) t-1,3-Dichloropropene	8.897	75	6575	5.947	ug/l #	43
56) Ethyl methacrylate	9.183	69	570	0.335	ug/l #	22
59) 2-Hexanone	9.238	43	59013	54.572	ug/l #	45
68) m/p-Xylenes	10.299	106	831	0.370	ug/l	97
69) o-Xylene	10.646	106	523	0.236	ug/l	97
74) N-amyl acetate	10.756	43	19803	9.342	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.280	83	23972	12.162	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	32754	18.781	ug/l #	37
79) 2-Chlorotoluene	11.280	91	1784	0.416	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	32754	58.422	ug/l #	6
82) 4-Chlorotoluene	11.280	91	1784	0.358	ug/l	94
89) n-Butylbenzene	12.305	91	1613	0.380	ug/l #	47

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

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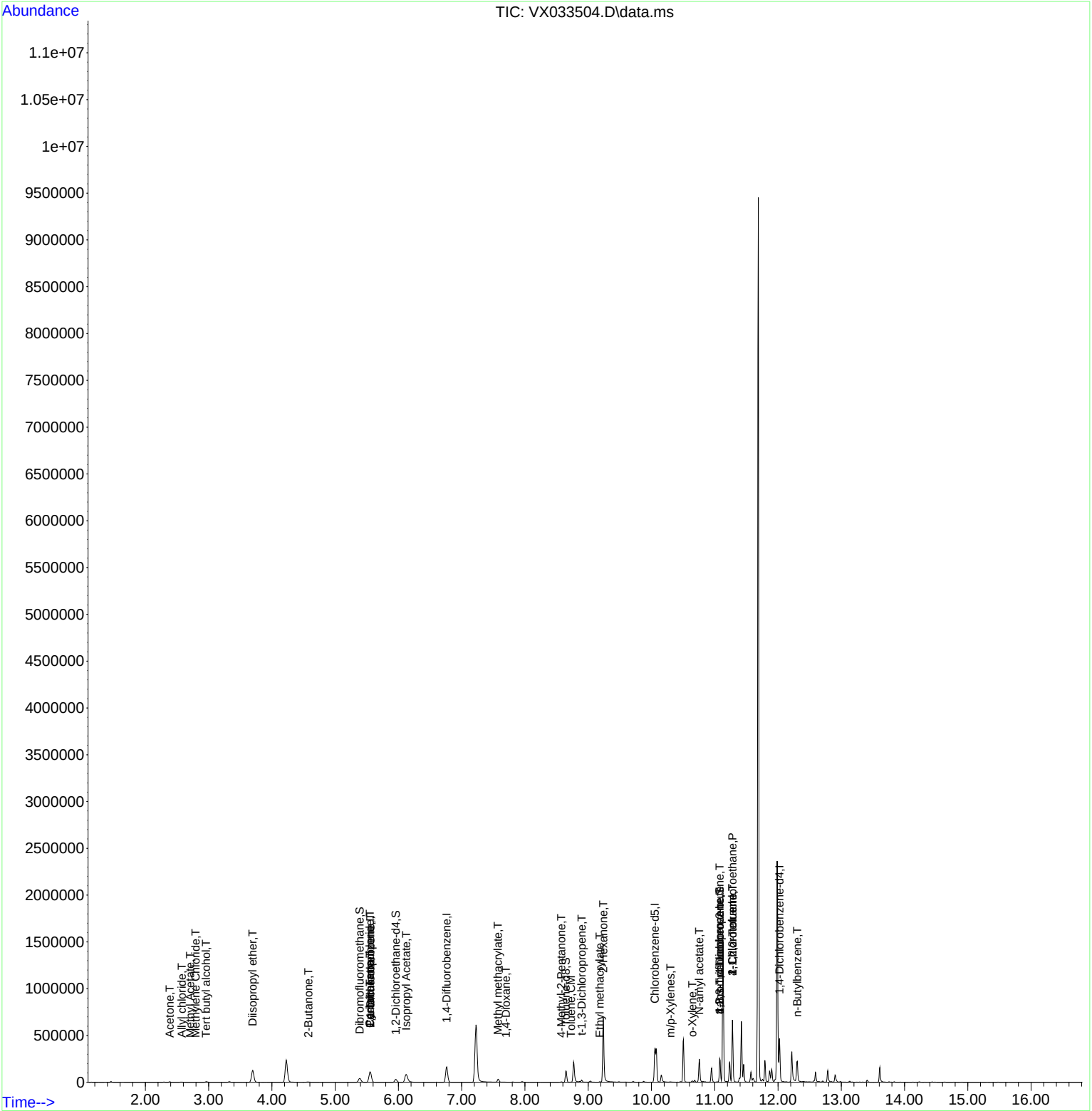
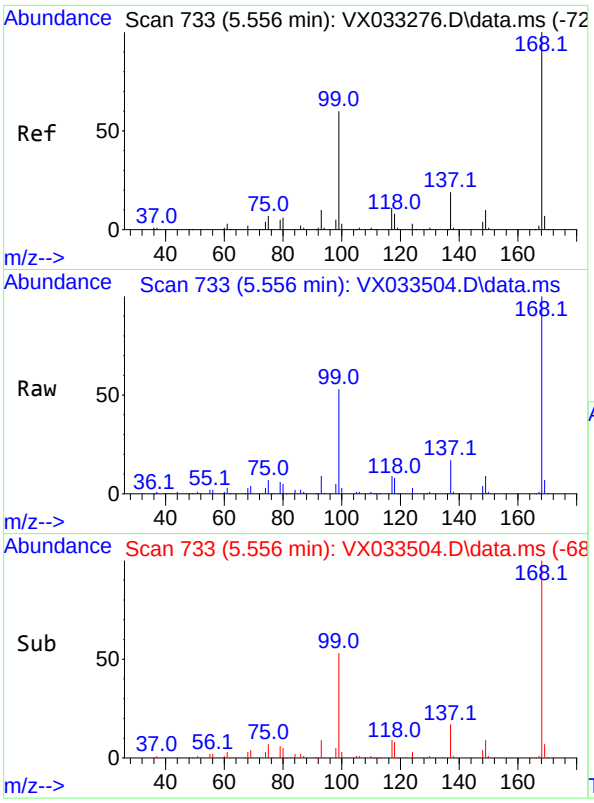
MAH-1

Quant Time: Dec 21 04:14:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration



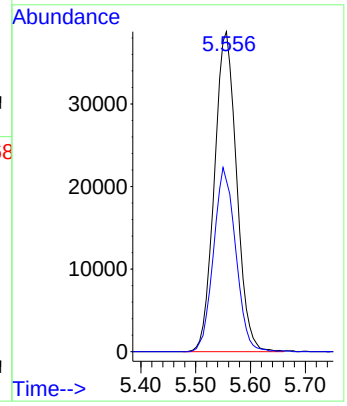


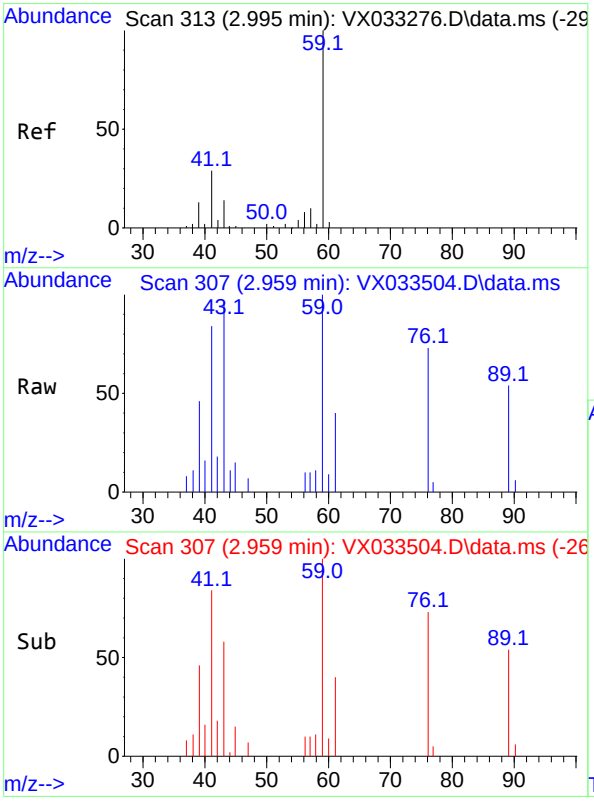
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion:168 Resp: 109080

Ion	Ratio	Lower	Upper
168	100		
99	53.4	46.1	69.1

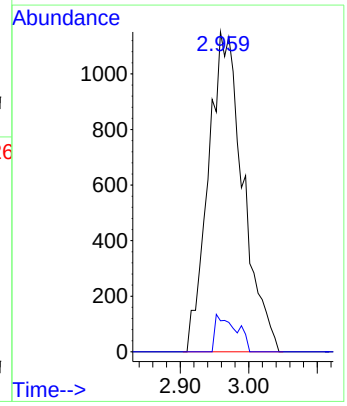


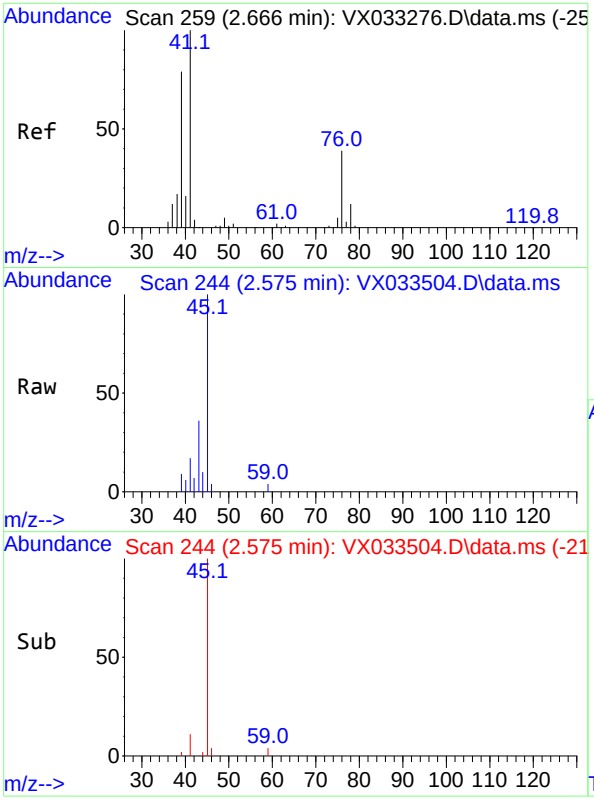


#11
Tert butyl alcohol
Concen: 18.949 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.036 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Tgt Ion: 59 Resp: 4054

Ion	Ratio	Lower	Upper
59	100		
57	7.0	8.2	12.4#



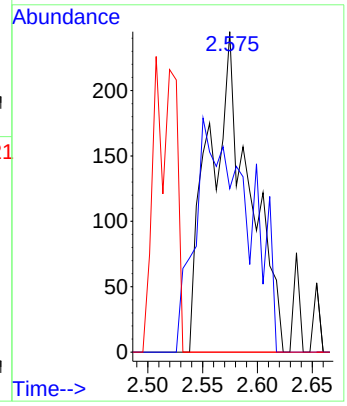


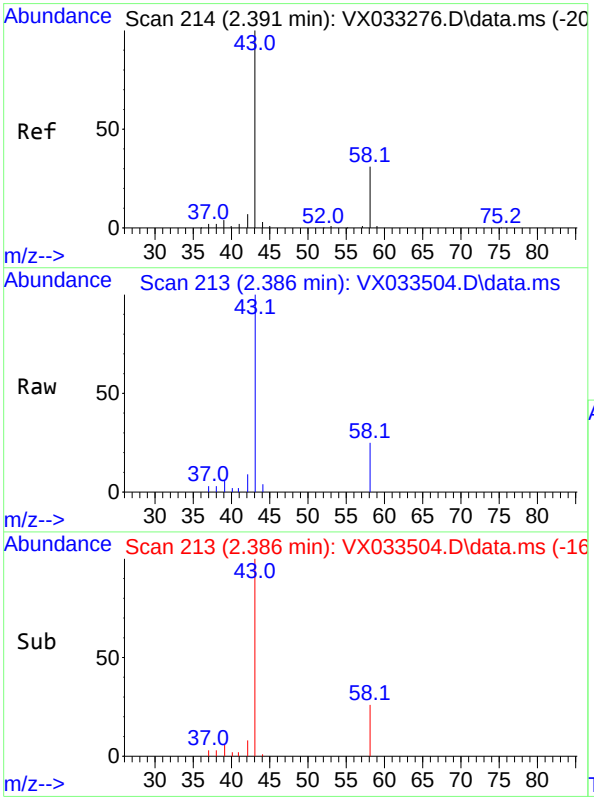
#14
Allyl chloride
Concen: 0.397 ug/l
RT: 2.575 min Scan# 24
Delta R.T. -0.091 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion: 41 Resp: 627

Ion	Ratio	Lower	Upper
41	100		
39	0.0	61.4	92.2#
76	0.0	29.2	43.8#

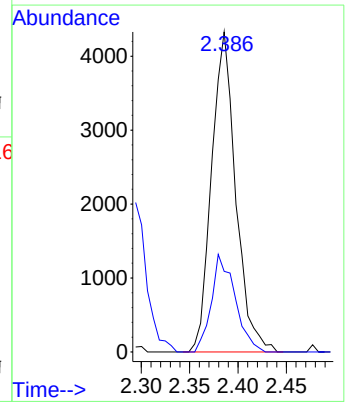


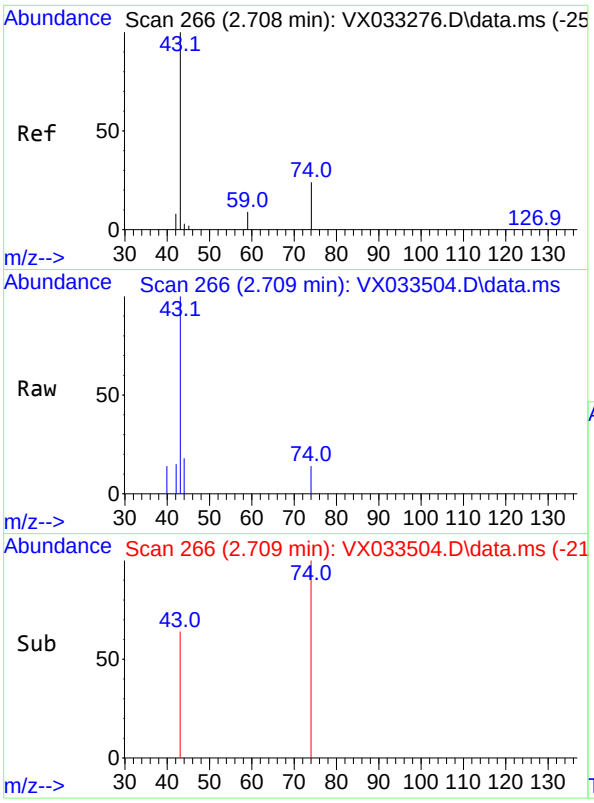


#16
Acetone
Concen: 14.530 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Tgt Ion: 43 Resp: 7524

Ion	Ratio	Lower	Upper
43	100		
58	25.2	23.8	35.8



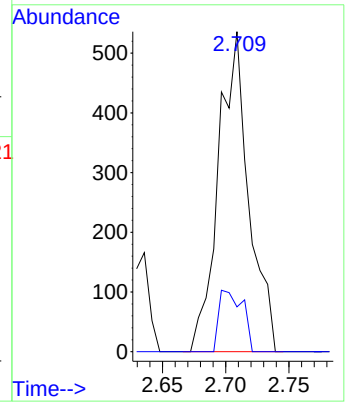


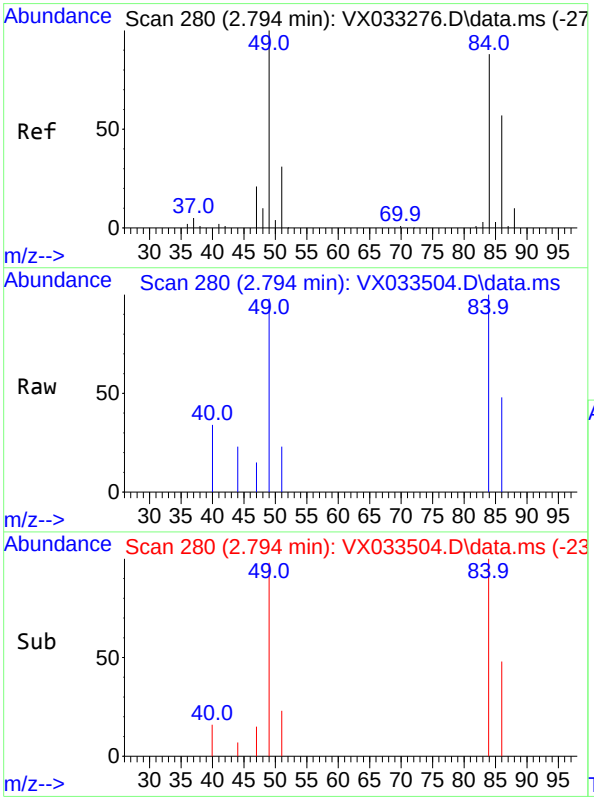
#18
Methyl Acetate
Concen: 0.598 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion: 43 Resp: 896

Ion	Ratio	Lower	Upper
43	100		
74	14.8	19.4	29.0#

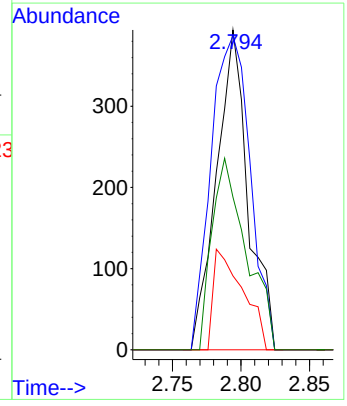


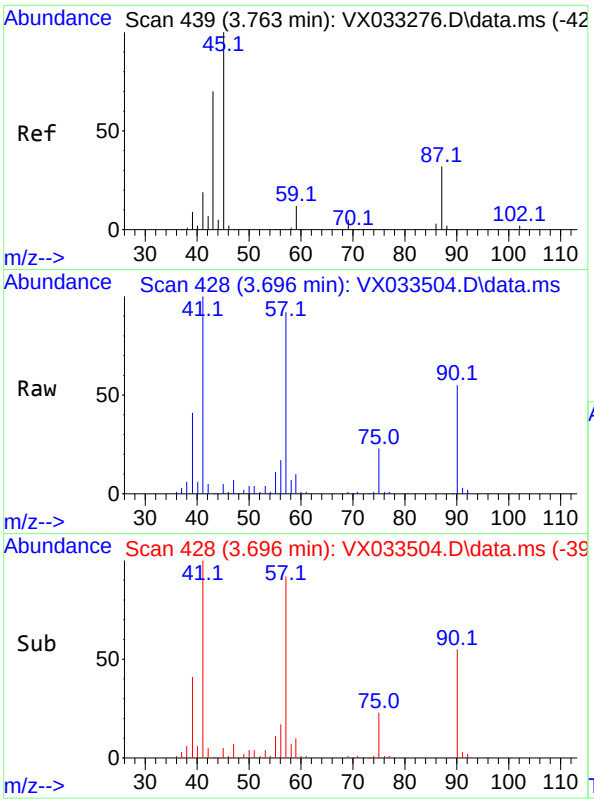


#20
Methylene Chloride
Concen: 0.549 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Tgt Ion: 84 Resp: 634

Ion	Ratio	Lower	Upper
84	100		
49	98.2	101.0	151.6#
51	23.1	31.1	46.7#
86	47.7	52.3	78.5#



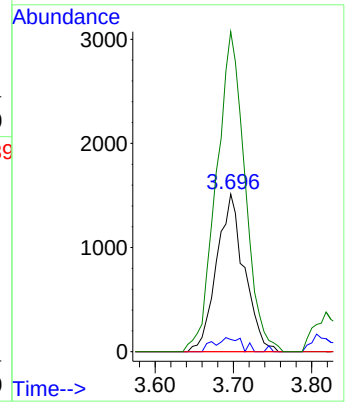


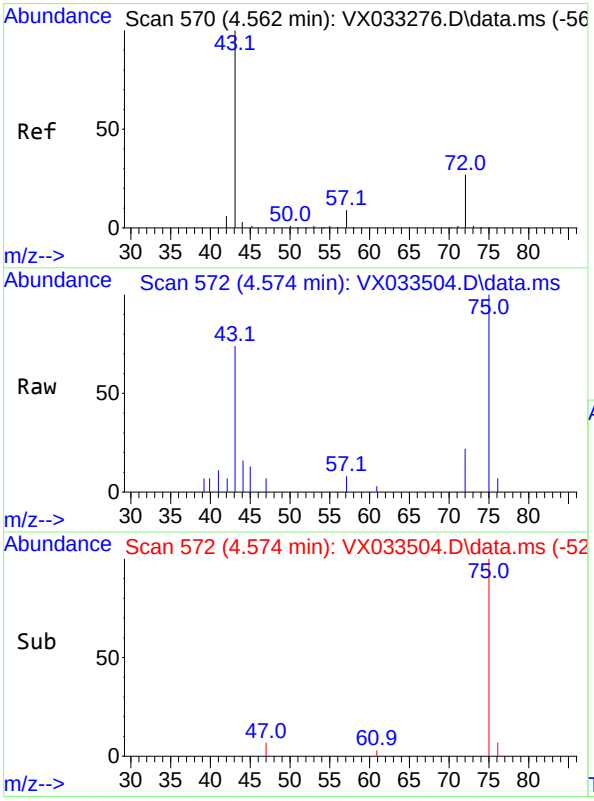
#22
Diisopropyl ether
Concen: 1.100 ug/l
RT: 3.696 min Scan# 4
Delta R.T. -0.067 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion: 45 Resp: 3721

Ion	Ratio	Lower	Upper
45	100		
43	7.7	56.4	84.6#
87	0.0	24.4	36.6#
59	203.1	9.5	14.3#

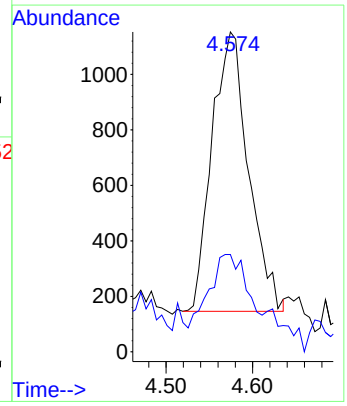


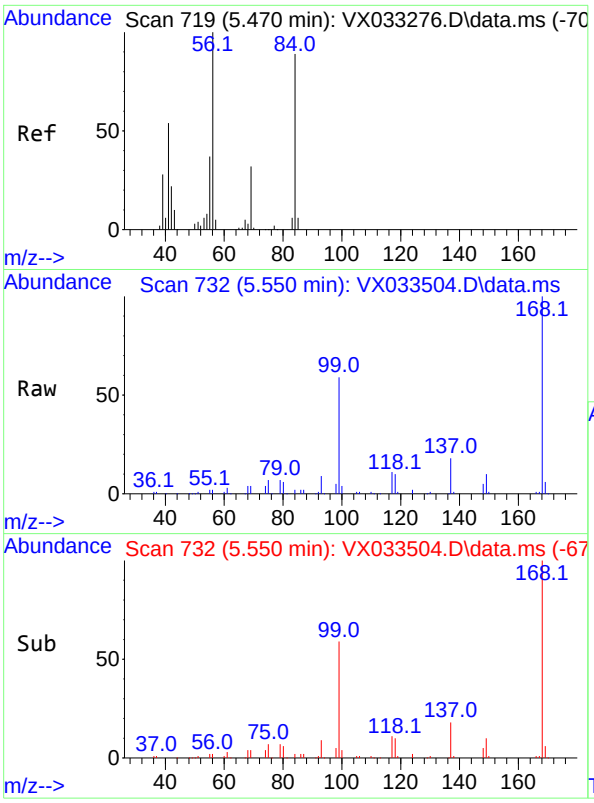


#25
2-Butanone
Concen: 3.966 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.013 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Tgt Ion: 43 Resp: 2948

Ion	Ratio	Lower	Upper
43	100		
72	25.4	22.2	33.2



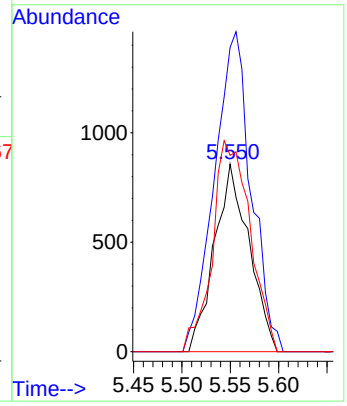


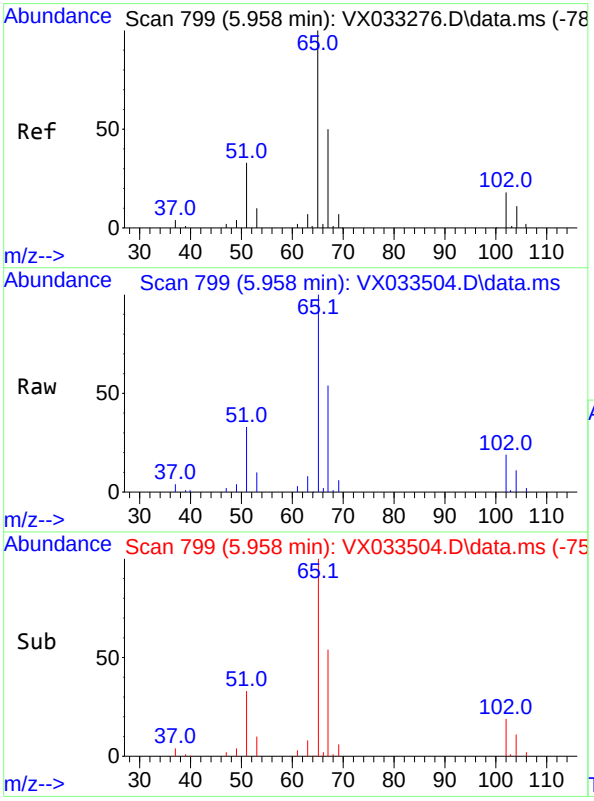
#31
Cyclohexane
Concen: 1.282 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.080 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion: 56 Resp: 2132

Ion	Ratio	Lower	Upper
56	100		
69	162.2	24.1	36.1#
84	104.7	66.9	100.3#

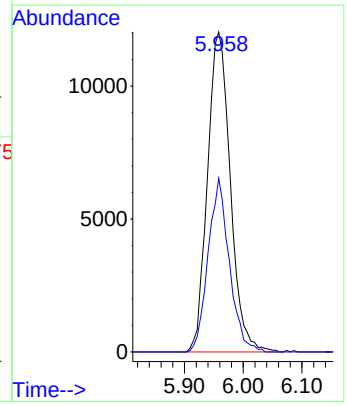


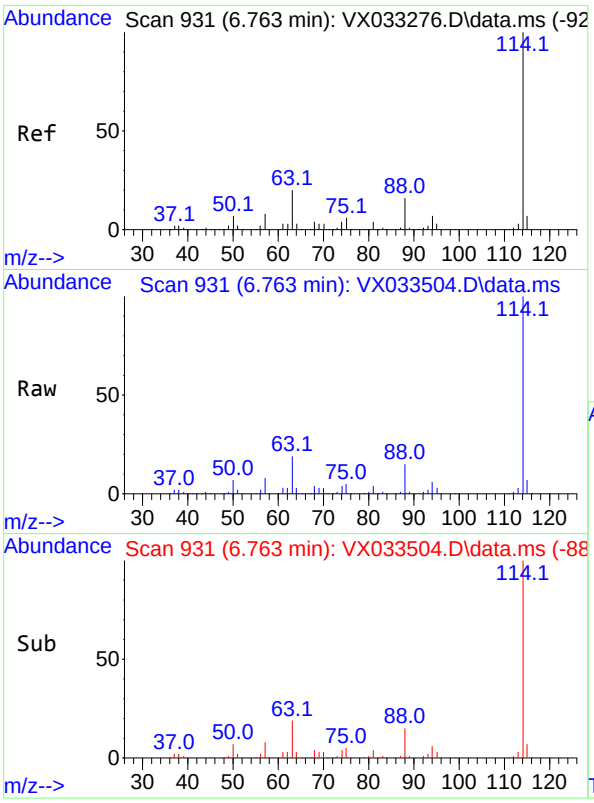


#33
1,2-Dichloroethane-d4
Concen: 46.451 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Tgt Ion: 65 Resp: 32506

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	101.8



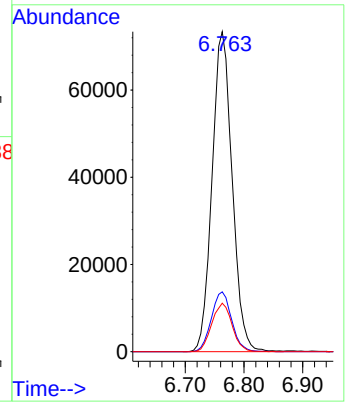


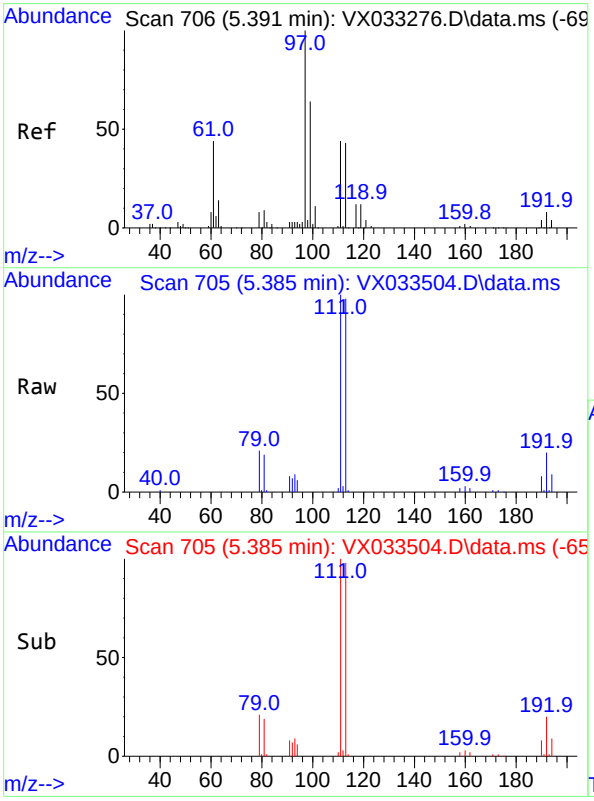
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion:114 Resp: 173974

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	41.6
88	15.2	0.0	33.4

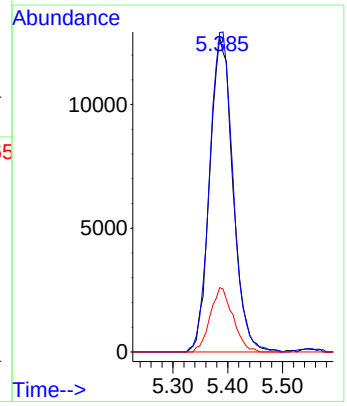


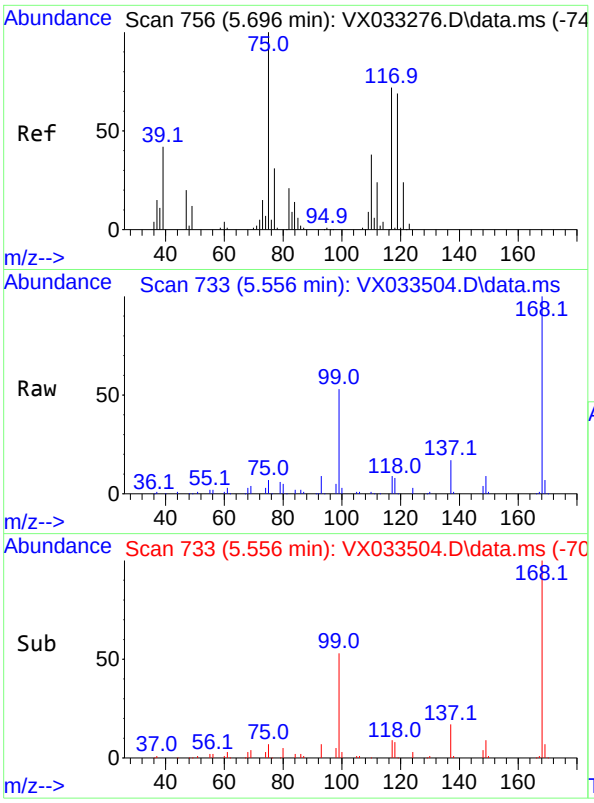


#35
Dibromofluoromethane
Concen: 47.729 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Tgt Ion:113 Resp: 37348

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	20.0	15.4	23.2



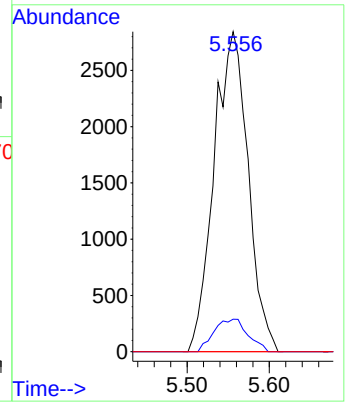


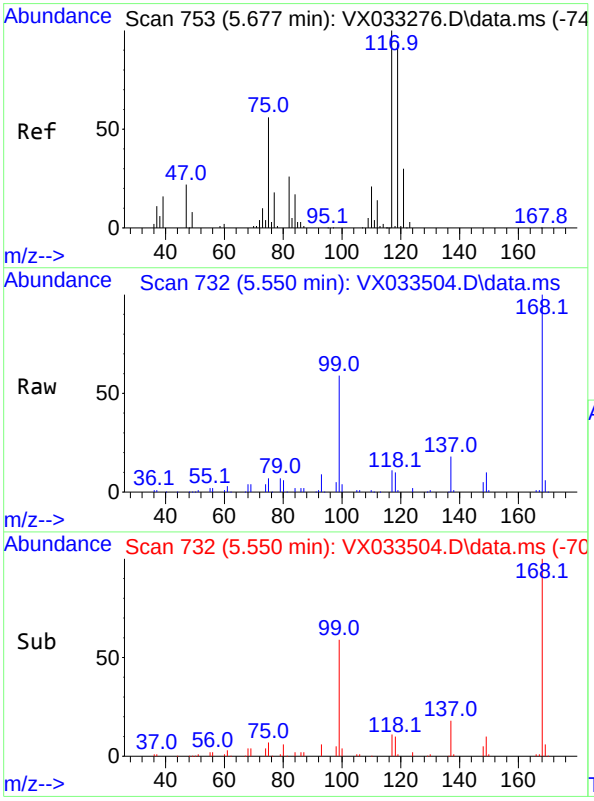
#36
1,1-Dichloropropene
Concen: 5.357 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.140 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion: 75 Resp: 8172

Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.4	55.2#
77	0.0	24.5	36.7#

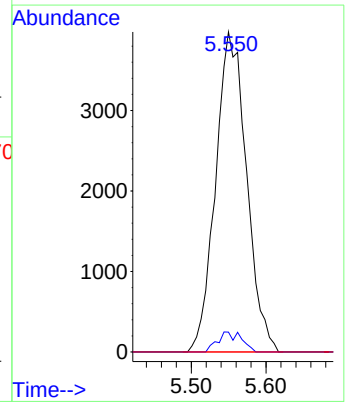


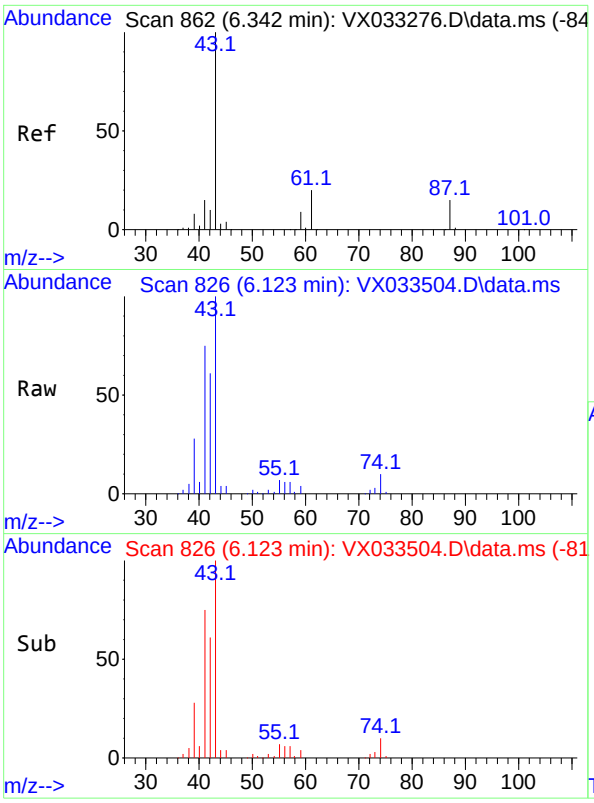


#38
Carbon Tetrachloride
Concen: 6.690 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Tgt Ion:117 Resp: 11435

Ion	Ratio	Lower	Upper
117	100		
119	6.2	77.2	115.8#
121	0.0	25.8	38.6#



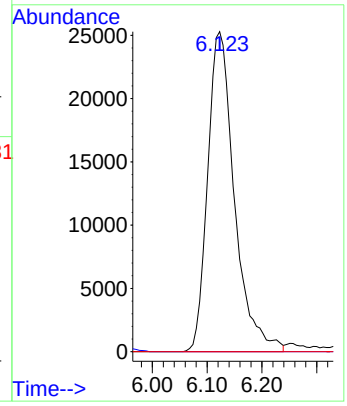


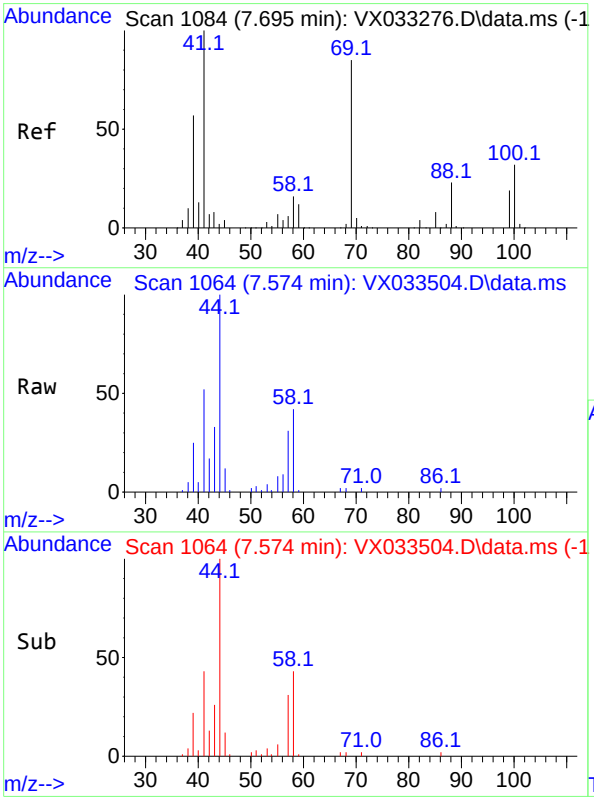
#43
Isopropyl Acetate
Concen: 36.898 ug/l
RT: 6.123 min Scan# 8
Delta R.T. -0.219 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion: 43 Resp: 85619

Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.4	23.0#
87	0.0	10.8	16.2#

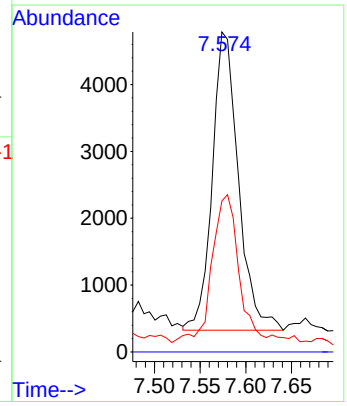


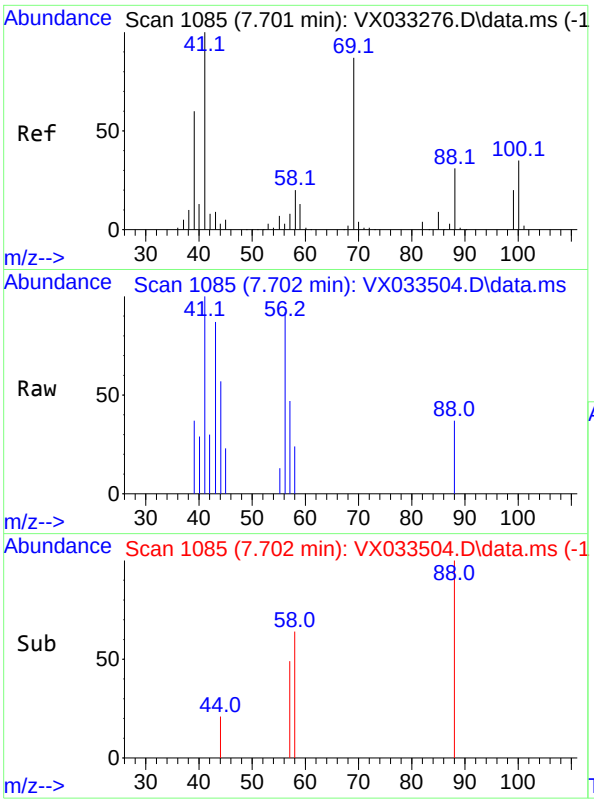


#48
Methyl methacrylate
Concen: 7.413 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.122 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Tgt Ion: 41 Resp: 8877

Ion	Ratio	Lower	Upper
41	100		
69	0.0	65.1	97.7#
39	50.3	51.9	77.9#



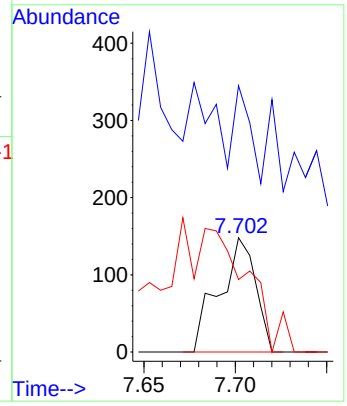


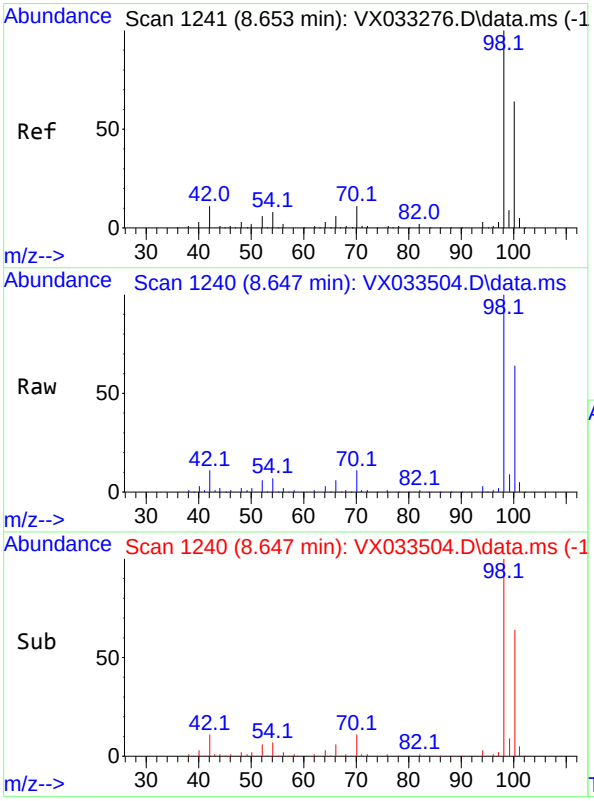
#49
1,4-Dioxane
Concen: 7.470 ug/l
RT: 7.702 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion: 88 Resp: 204

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.6	39.8#
58	0.0	51.7	77.5#

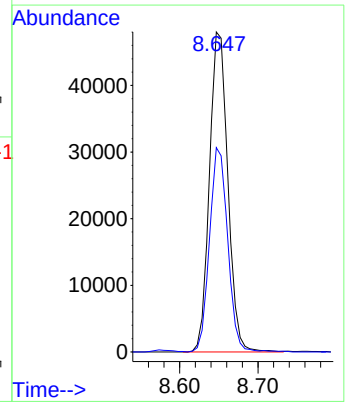


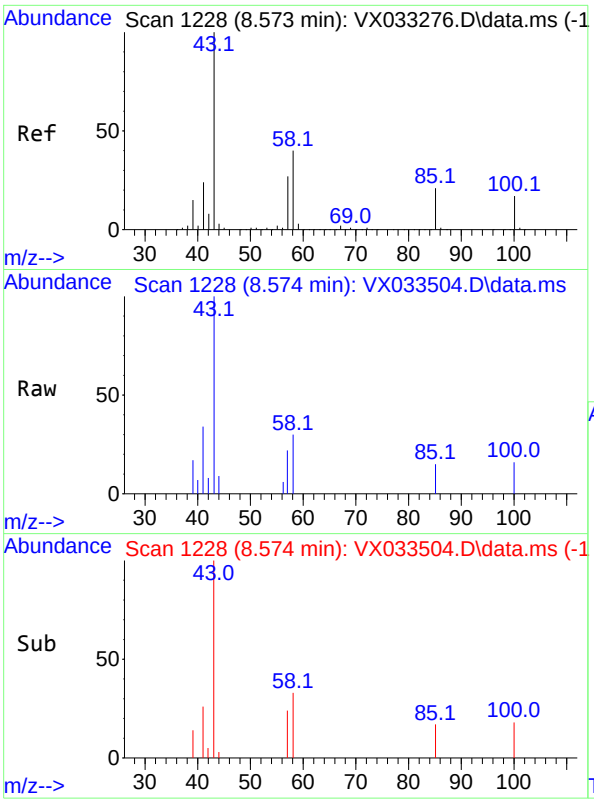


#50
Toluene-d8
Concen: 47.708 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Tgt Ion: 98 Resp: 78096

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.9	76.3



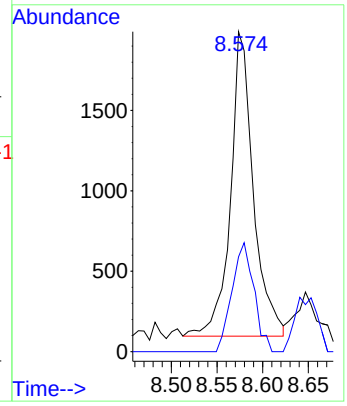


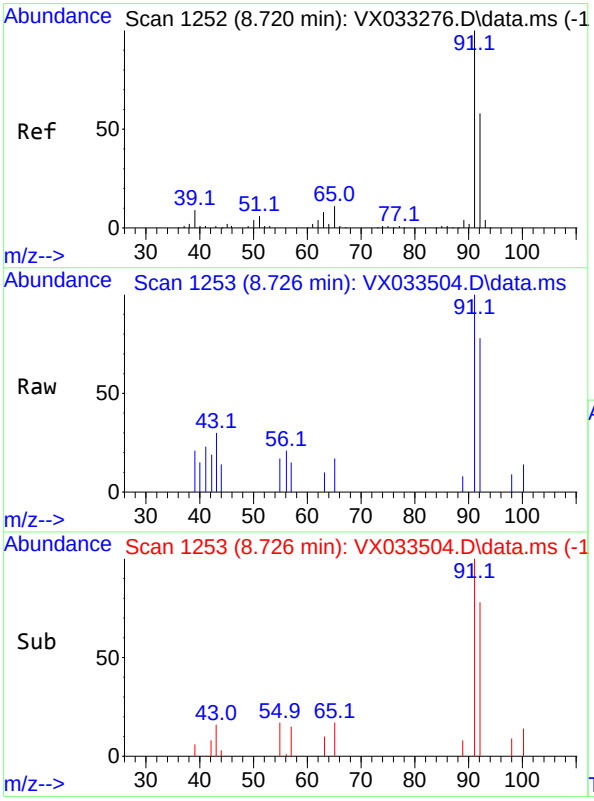
#51
4-Methyl-2-Pentanone
Concen: 2.255 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion: 43 Resp: 3309

Ion	Ratio	Lower	Upper
43	100		
58	34.1	30.9	46.3

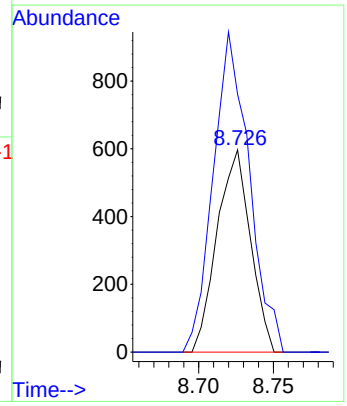


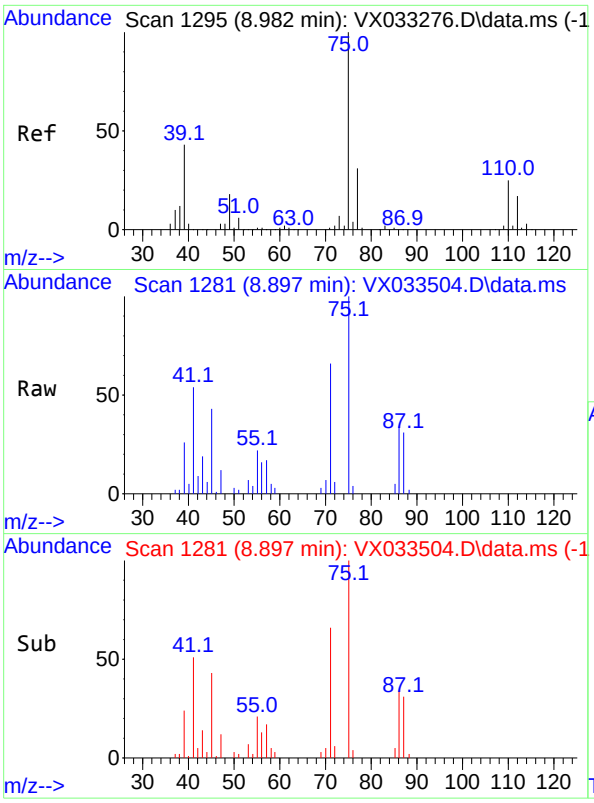


#52
Toluene
Concen: 0.322 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Tgt Ion: 92 Resp: 927

Ion	Ratio	Lower	Upper
92	100		
91	170.7	138.3	207.5



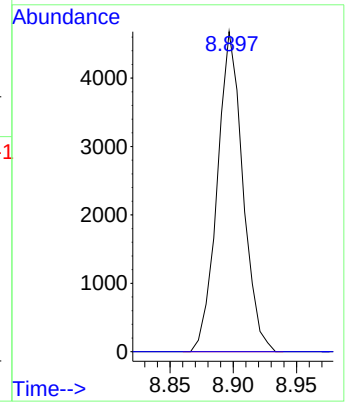


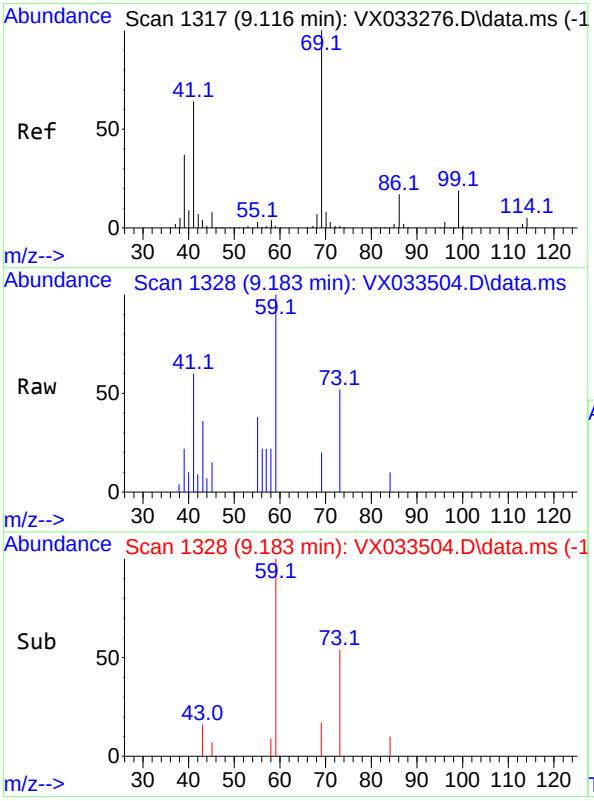
#53
t-1,3-Dichloropropene
Concen: 5.947 ug/l
RT: 8.897 min Scan# 1
Delta R.T. -0.085 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion: 75 Resp: 6575

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.1	37.7#

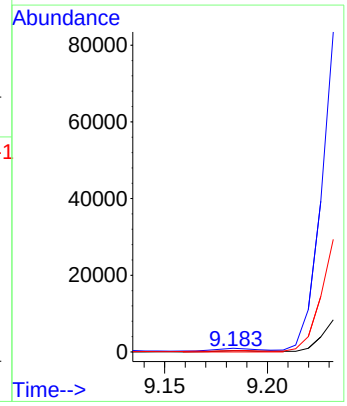


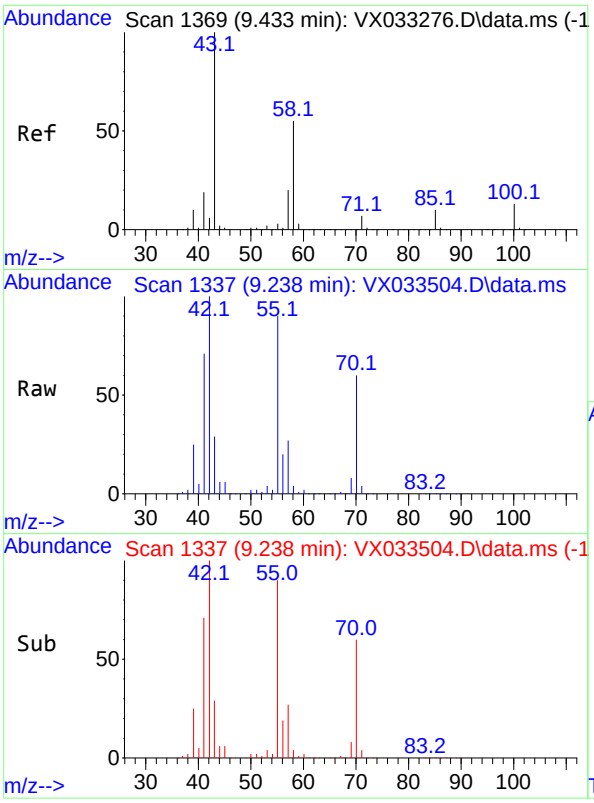


#56
Ethyl methacrylate
Concen: 0.335 ug/l
RT: 9.183 min Scan# 1328
Delta R.T. 0.067 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Tgt Ion: 69 Resp: 570

Ion	Ratio	Lower	Upper
69	100		
41	0.0	54.3	81.5#
39	0.0	35.2	52.8#



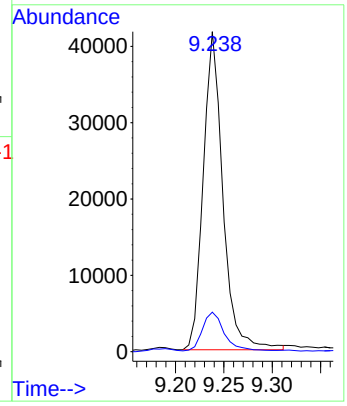


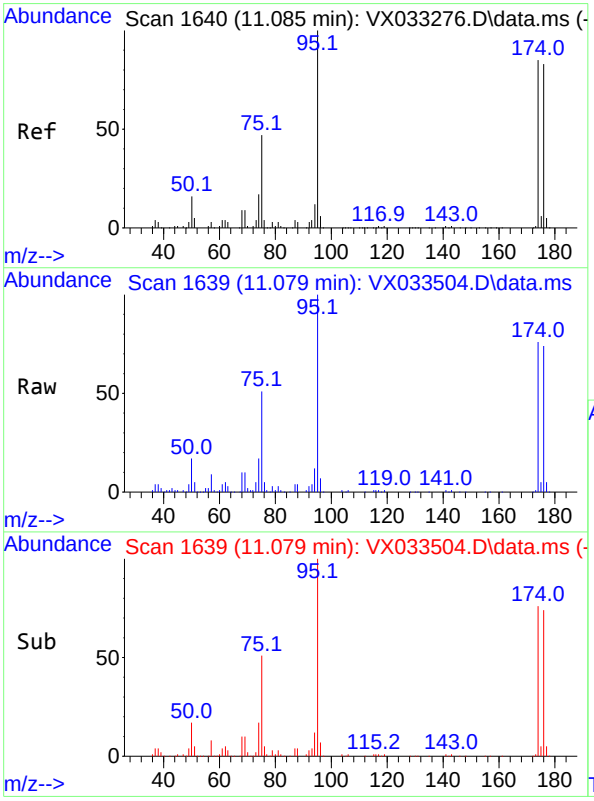
#59
2-Hexanone
Concen: 54.572 ug/l
RT: 9.238 min Scan# 1
Delta R.T. -0.195 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion: 43 Resp: 59013

Ion	Ratio	Lower	Upper
43	100		
58	13.7	26.5	79.5#

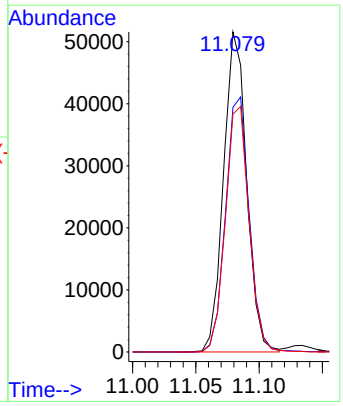


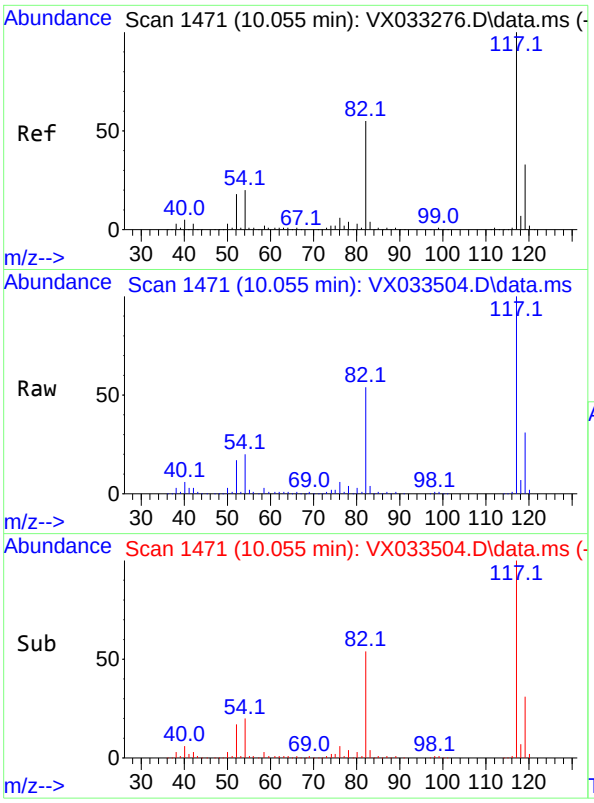


#62
4-Bromofluorobenzene
Concen: 52.188 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Tgt Ion: 95 Resp: 65321

Ion	Ratio	Lower	Upper
95	100		
174	81.8	0.0	164.0
176	78.6	0.0	154.4



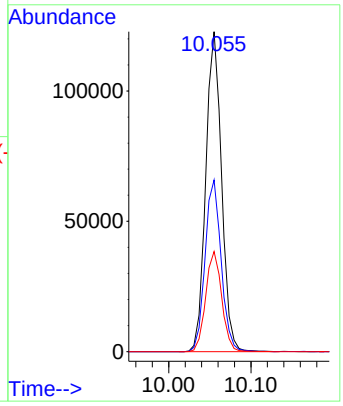


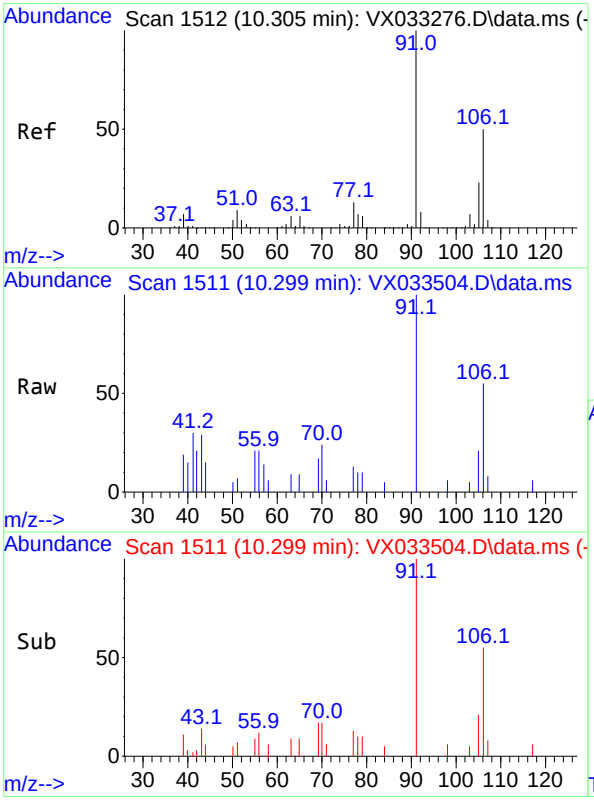
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion:117 Resp: 163516

Ion	Ratio	Lower	Upper
117	100		
82	53.6	44.3	66.5
119	31.3	25.7	38.5

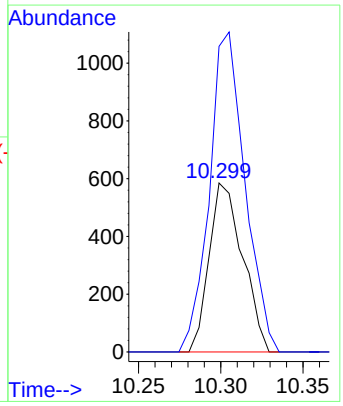


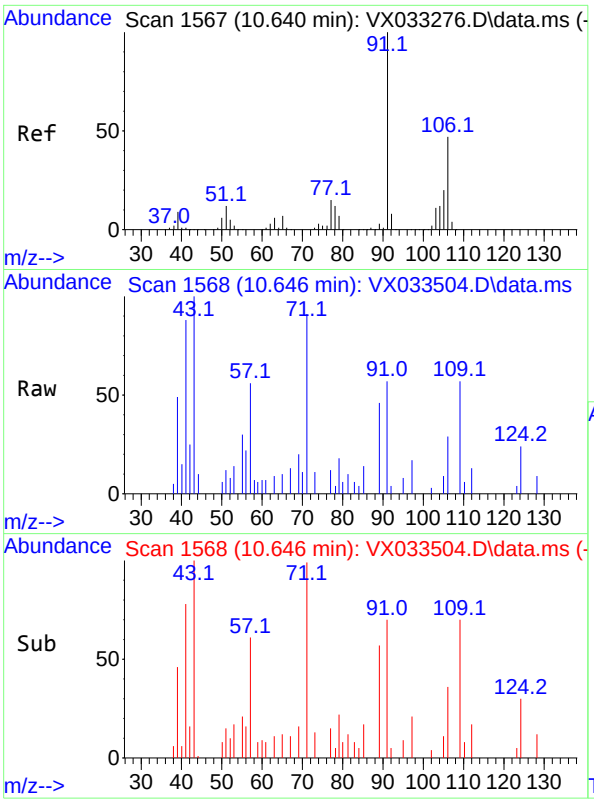


#68
m/p-Xylenes
Concen: 0.370 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Tgt Ion:106 Resp: 831

Ion	Ratio	Lower	Upper
106	100		
91	200.6	164.5	246.7



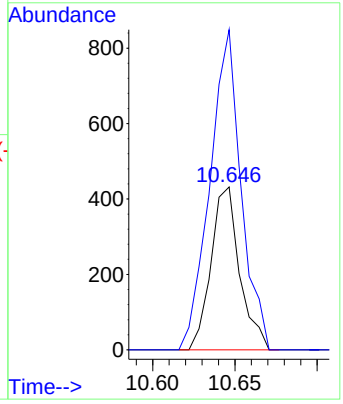


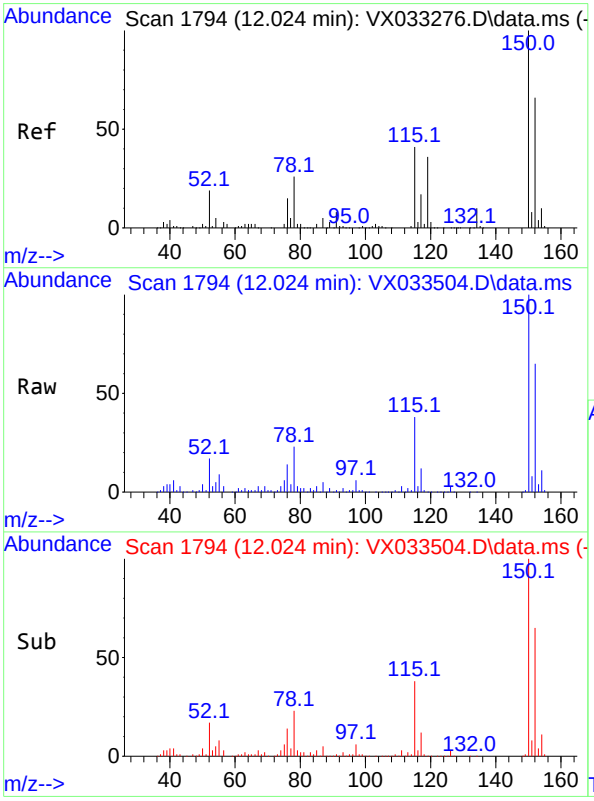
#69
o-Xylene
Concen: 0.236 ug/l
RT: 10.646 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion:106 Resp: 523

Ion	Ratio	Lower	Upper
106	100		
91	214.3	109.2	327.6

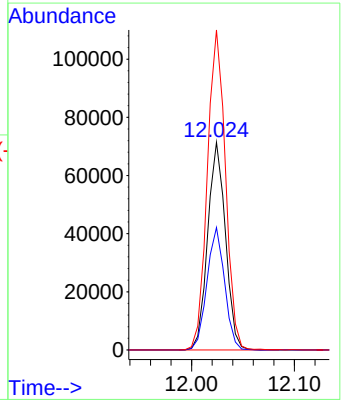


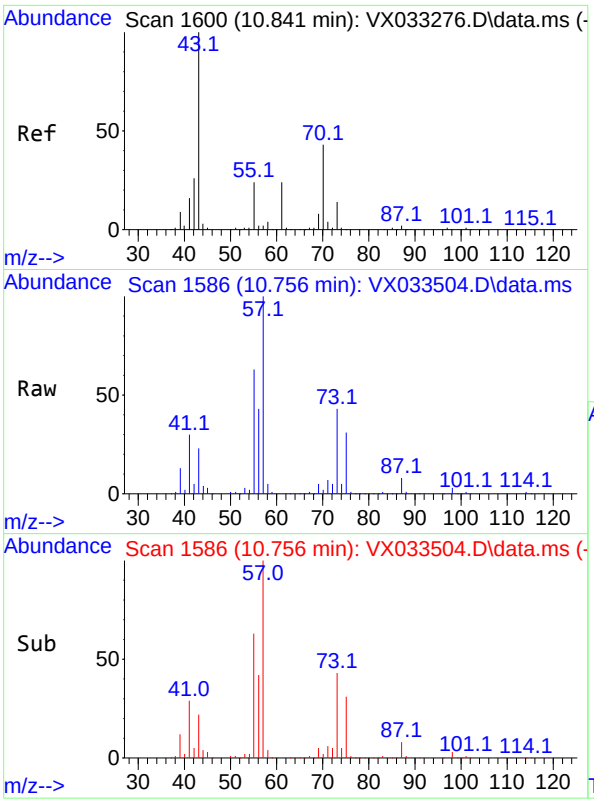


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Tgt Ion:152 Resp: 85720

Ion	Ratio	Lower	Upper
152	100		
115	58.6	44.0	132.0
150	157.2	0.0	351.8



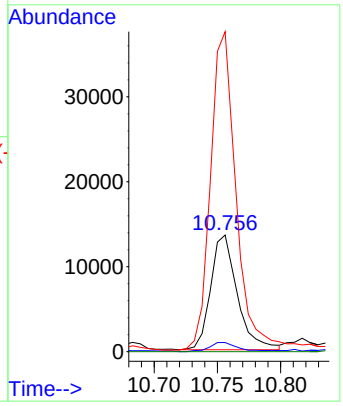


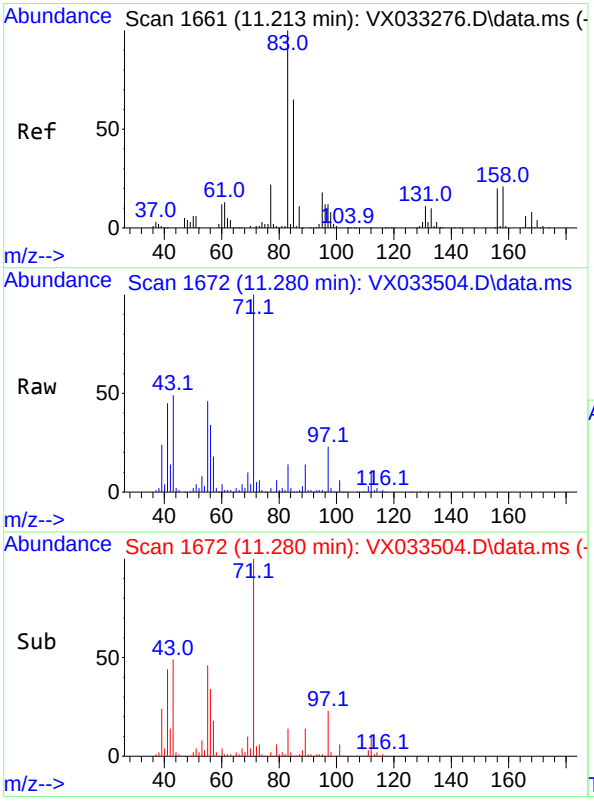
#74
N-amyl acetate
Concen: 9.342 ug/l
RT: 10.756 min Scan# 1
Delta R.T. -0.085 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion: 43 Resp: 19803

Ion	Ratio	Lower	Upper
43	100		
70	9.1	33.6	50.4#
55	270.8	19.4	29.2#
61	0.0	18.8	28.2#

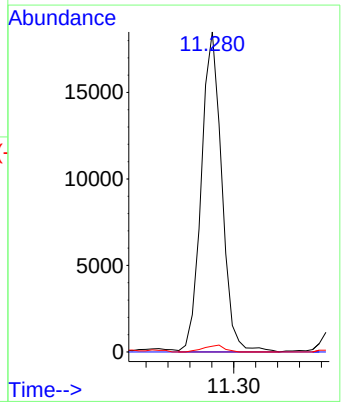


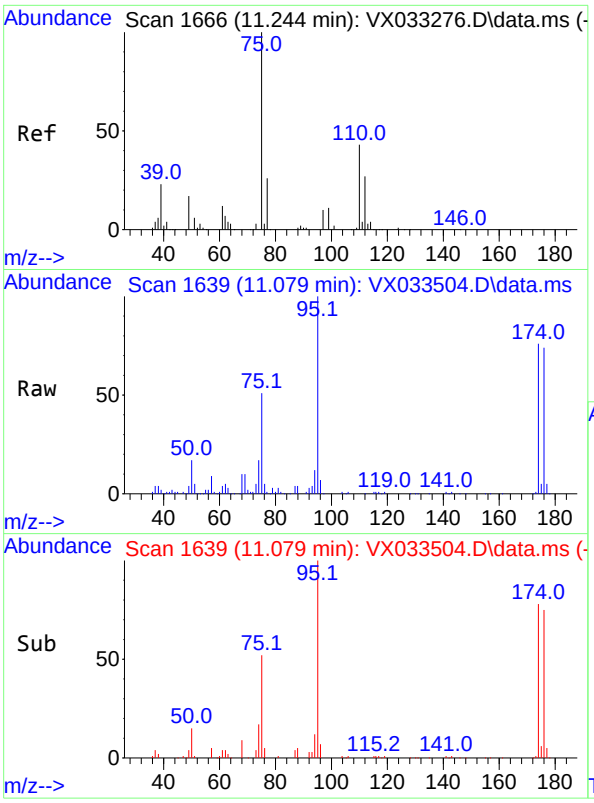


#75
1,1,2,2-Tetrachloroethane
Concen: 12.162 ug/l
RT: 11.280 min Scan# 1672
Delta R.T. 0.067 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Tgt Ion: 83 Resp: 23972

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.4	16.2#
85	0.0	31.9	95.9#



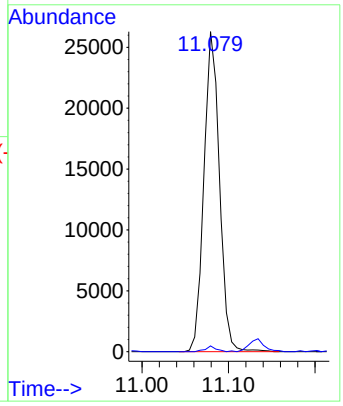


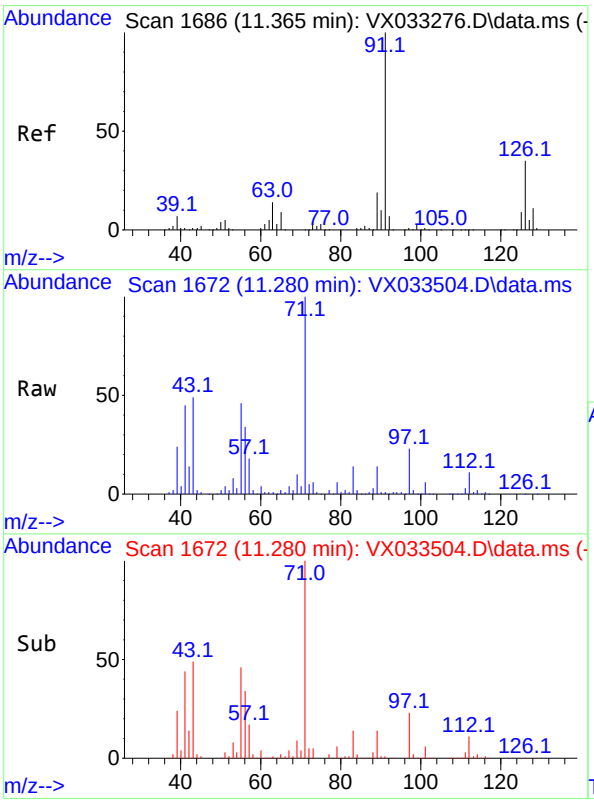
#76
1,2,3-Trichloropropane
Concen: 18.781 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.164 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion: 75 Resp: 32754

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.0	60.0#

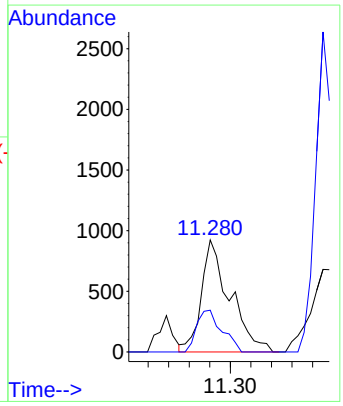


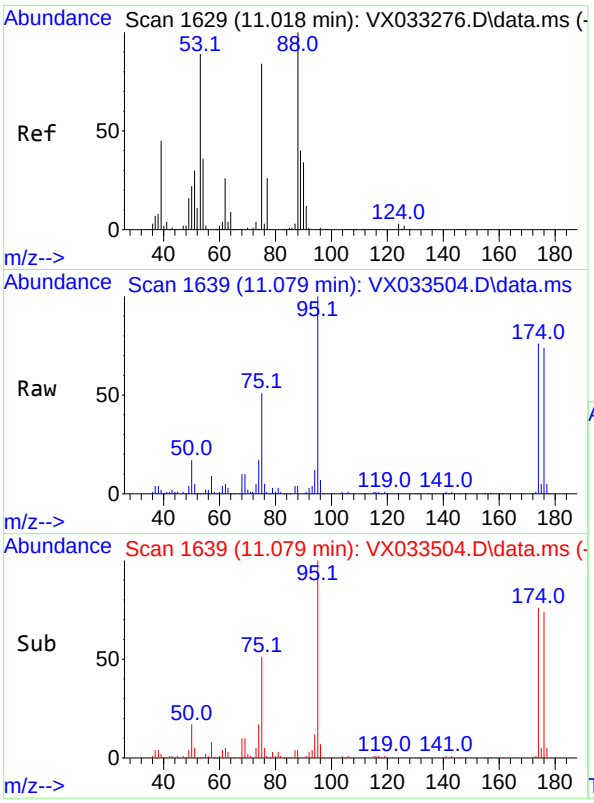


#79
2-Chlorotoluene
Concen: 0.416 ug/l
RT: 11.280 min Scan# 1672
Delta R.T. -0.085 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Tgt Ion: 91 Resp: 1784

Ion	Ratio	Lower	Upper
91	100		
126	32.8	17.1	51.2



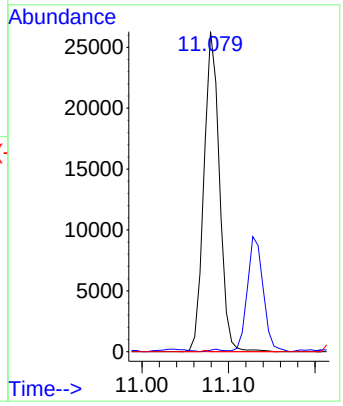


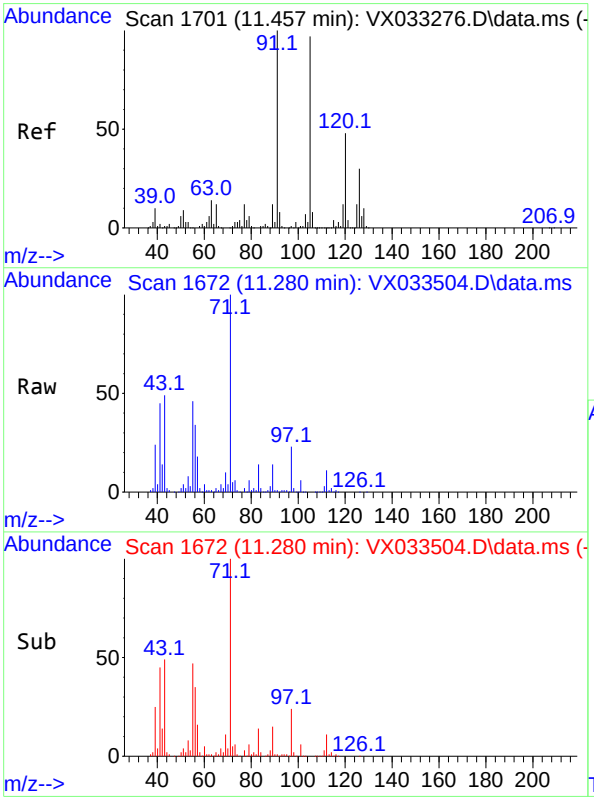
#81
trans-1,4-Dichloro-2-butene
Concen: 58.422 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion: 75 Resp: 32754

Ion	Ratio	Lower	Upper
75	100		
53	0.0	86.9	130.3#
89	0.0	38.3	57.5#

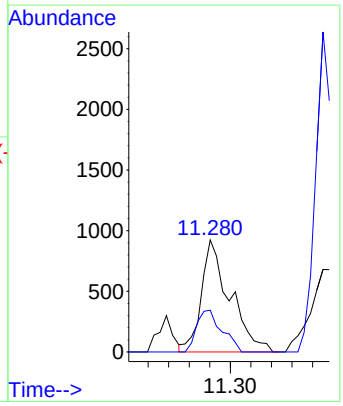


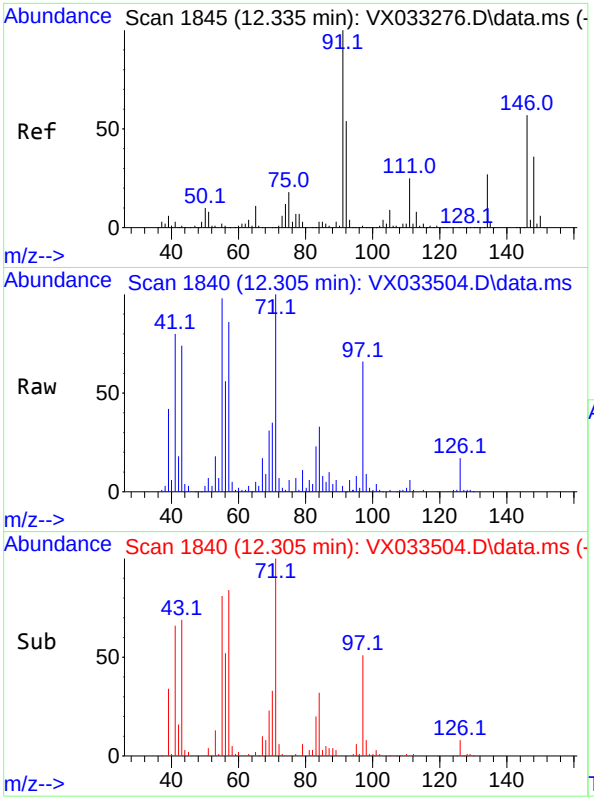


#82
4-Chlorotoluene
Concen: 0.358 ug/l
RT: 11.280 min Scan# 1672
Delta R.T. -0.176 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Tgt Ion: 91 Resp: 1784

Ion	Ratio	Lower	Upper
91	100		
126	32.8	14.8	44.4





#89
n-Butylbenzene
Concen: 0.380 ug/l
RT: 12.305 min Scan# 1
Delta R.T. -0.030 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion: 91 Resp: 1613

Ion	Ratio	Lower	Upper
91	100		
92	6.8	26.2	78.6#
134	10.2	12.9	38.6#