Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102824\
Data File : VX043568.D
Acq On : 28 Oct 2024 17:14
Operator : JC/MD
Sample : PB164394TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB164394TB

Quant Time: Oct 29 03:26:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	157154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	298510	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	123854	49.426	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.860%			
35) Dibromofluoromethane	5.385	113	97712	48.272	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.540%			
50) Toluene-d8	8.647	98	351010	50.094	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.180%			
62) 4-Bromofluorobenzene	11.079	95	125219	48.227	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.460%			
Target Compounds						Qvalue
3) Chloromethane	1.288	50	496	0.231	ug/l #	42
5) Bromomethane	1.593	94	411	0.506	ug/l	97
6) Chloroethane	1.636	64	325	0.463	ug/l #	43
11) Tert butyl alcohol	2.946	59	3644	7.791	ug/l #	100
13) Acrolein	2.239	56	146	0.399	ug/l	99
15) Acrylonitrile	3.081	53	375	0.355	ug/l #	30
16) Acetone	2.392	43	26778	26.910	ug/l	97
17) Carbon Disulfide	2.501	76	741	0.211	ug/l #	74
18) Methyl Acetate	2.715	43	2291	0.788	ug/l	93
20) Methylene Chloride	2.788	84	4022	1.875	ug/l #	96
25) 2-Butanone	4.593	43	1640	1.130	ug/l #	79
29) Tetrahydrofuran	5.050	42	1070	1.134	ug/l #	67
31) Cyclohexane	5.544	56	3188	1.205	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12824	5.343	ug/l #	49
37) Ethyl Acetate	4.739	43	1648	0.566	ug/l #	80
38) Carbon Tetrachloride	5.544	117	17016	6.416	ug/l #	17
43) Isopropyl Acetate	6.342	43	113795	23.614	ug/l	100
48) Methyl methacrylate	7.622	41	3426	1.500	ug/l #	13
49) 1,4-Dioxane	7.665	88	19	0.405	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	86503	29.451	ug/l #	50
53) t-1,3-Dichloropropene	8.958	75	854	0.299	ug/l #	42
54) cis-1,3-Dichloropropene	8.549	75	39965	13.113	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	5263	1.565	ug/l #	42
59) 2-Hexanone	9.482	43	66718	29.908	ug/l #	53
68) m/p-Xylenes	10.305	106	733	0.209	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	64869	26.100	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	64869	71.803	ug/l #	7
87) 1,3-Dichlorobenzene	11.981	146	876	0.230	ug/l	91
88) 1,4-Dichlorobenzene	11.981	146	876	0.222	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	651	0.275	ug/l	91
95) Naphthalene	13.780	128	2548	0.282	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	563	0.226	ug/l	85

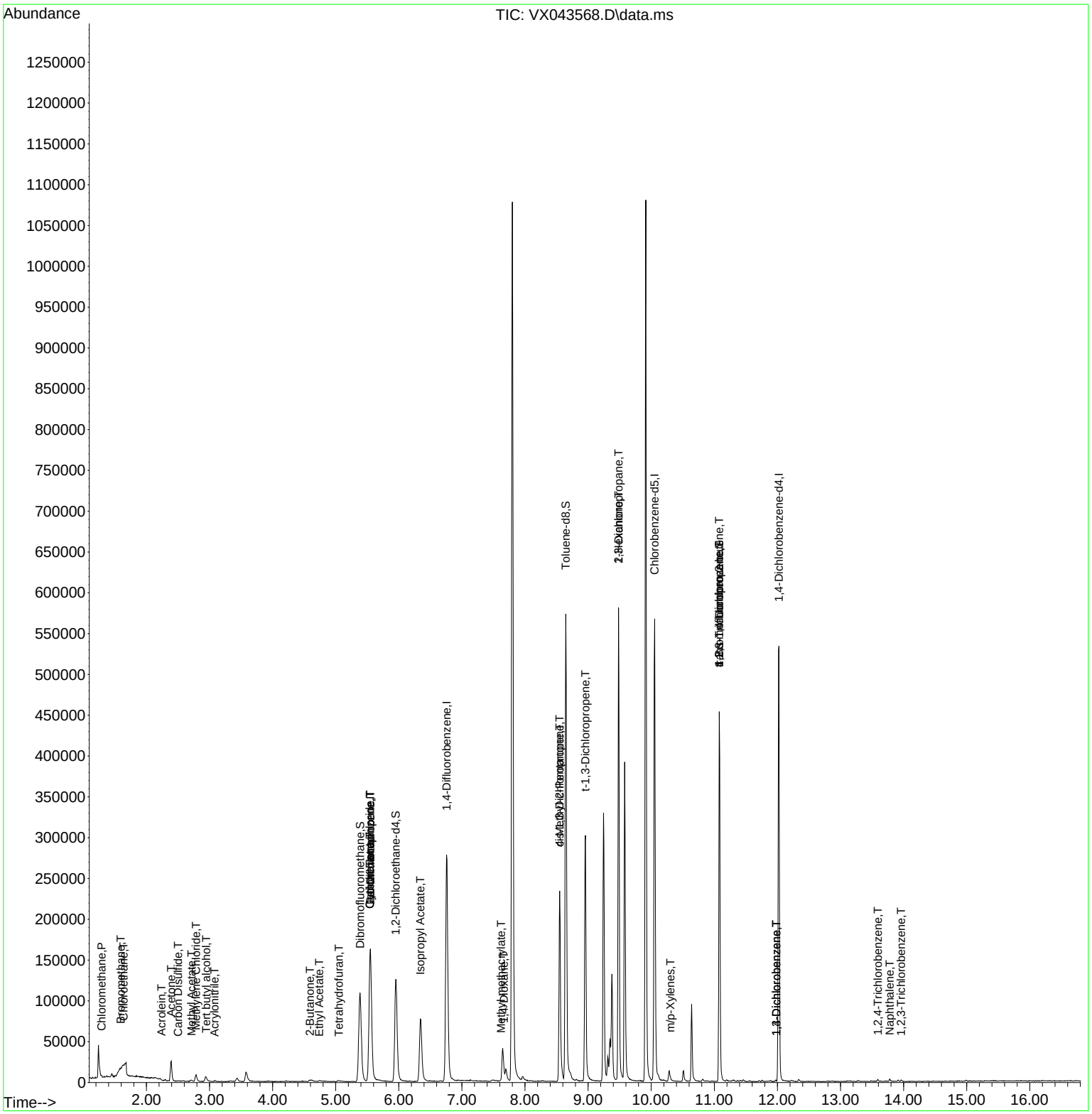
(#) = qualifier out of range (m) = manual integration (+) = signals summed

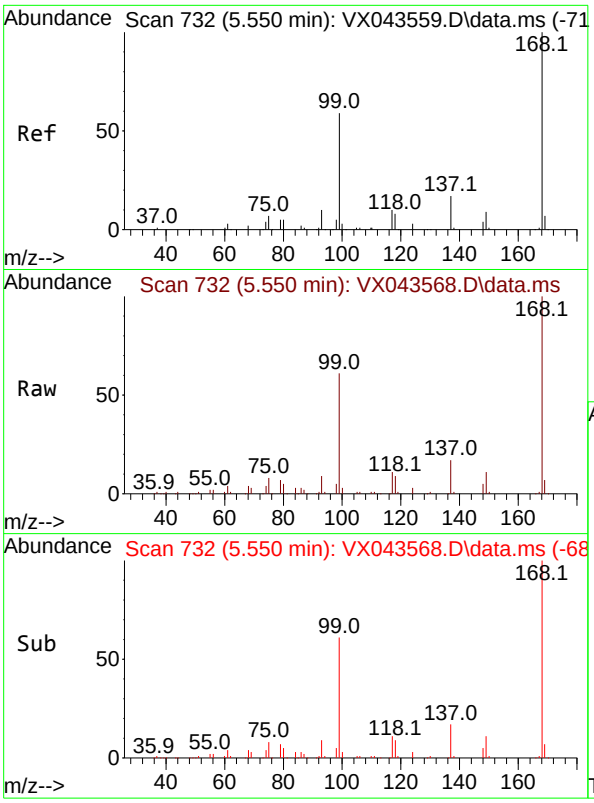
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102824\
Data File : VX043568.D
Acq On : 28 Oct 2024 17:14
Operator : JC/MD
Sample : PB164394TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB164394TB

Quant Time: Oct 29 03:26:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration



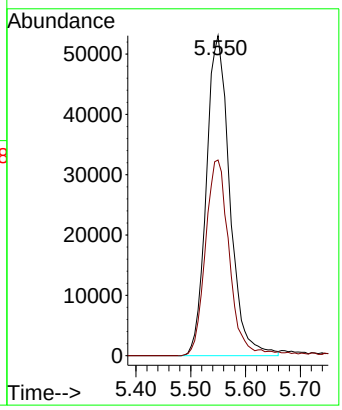


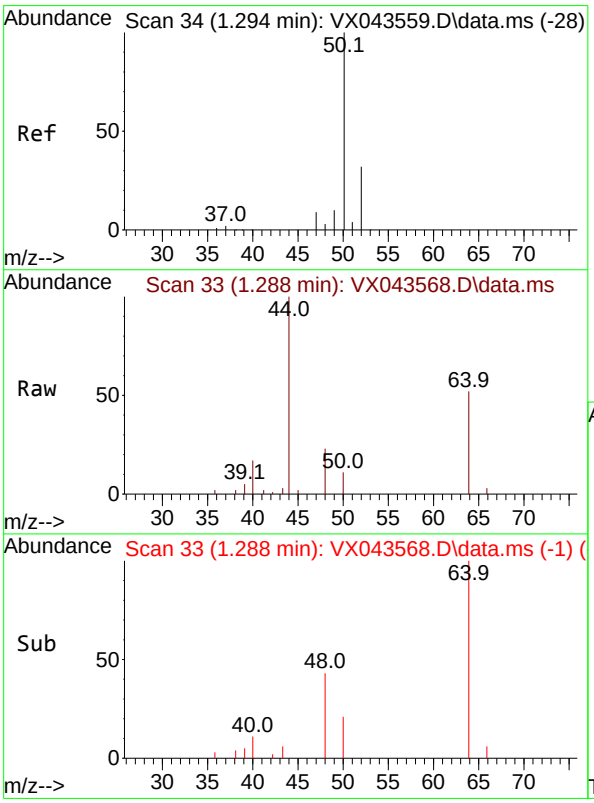
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB164394TB

Tgt Ion:168 Resp: 157154

Ion	Ratio	Lower	Upper
168	100		
99	61.2	52.6	78.8

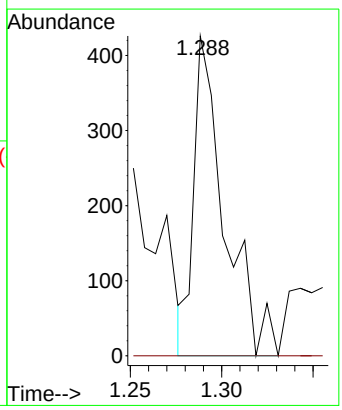


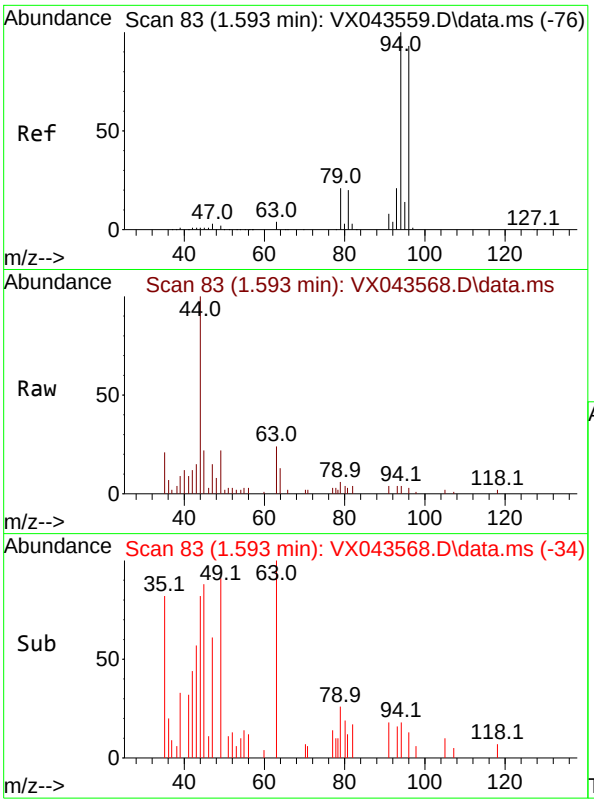


#3
Chloromethane
Concen: 0.231 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Tgt Ion: 50 Resp: 496

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.3	39.5#



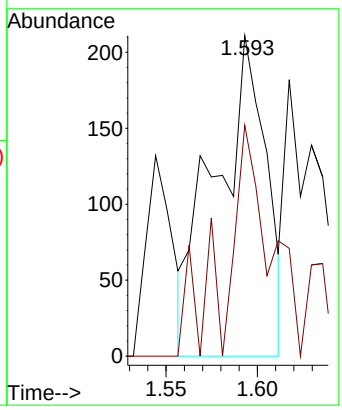


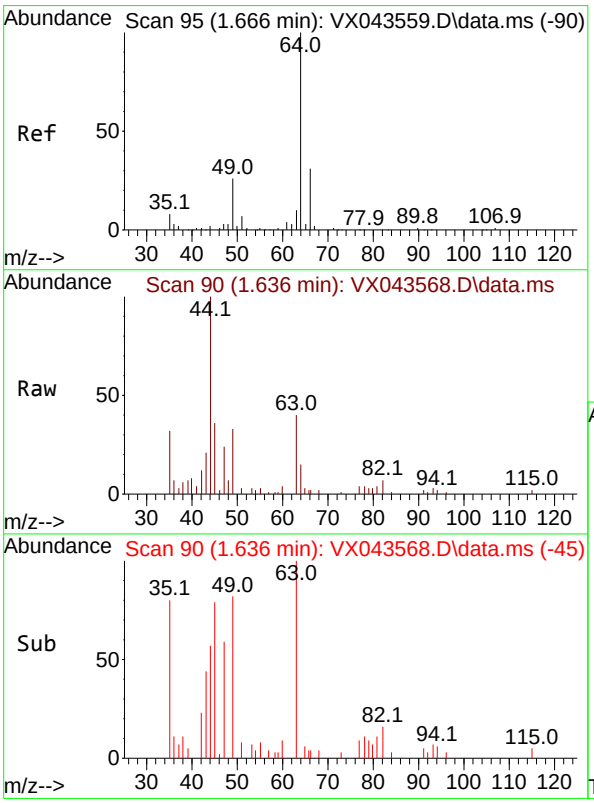
#5
Bromomethane
Concen: 0.506 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB164394TB

Tgt Ion: 94 Resp: 411

Ion	Ratio	Lower	Upper
94	100		
96	98.1	75.9	113.9

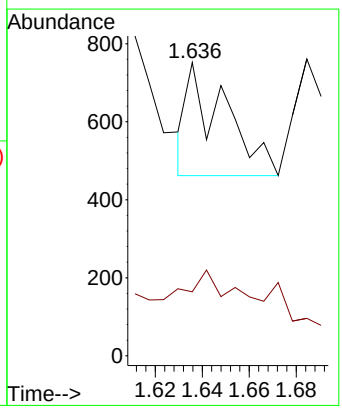


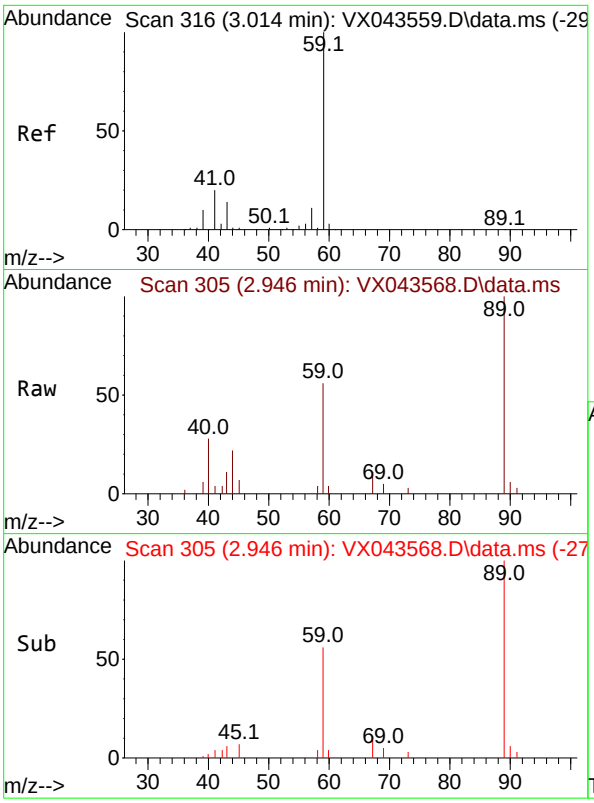


#6
Chloroethane
Concen: 0.463 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.024 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Tgt Ion: 64 Resp: 325

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.1	37.7#



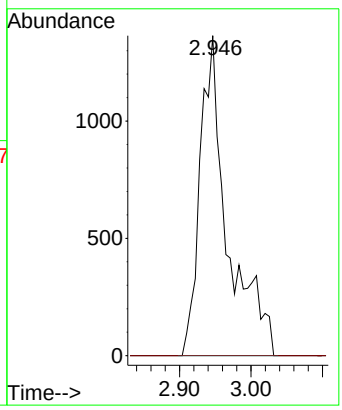


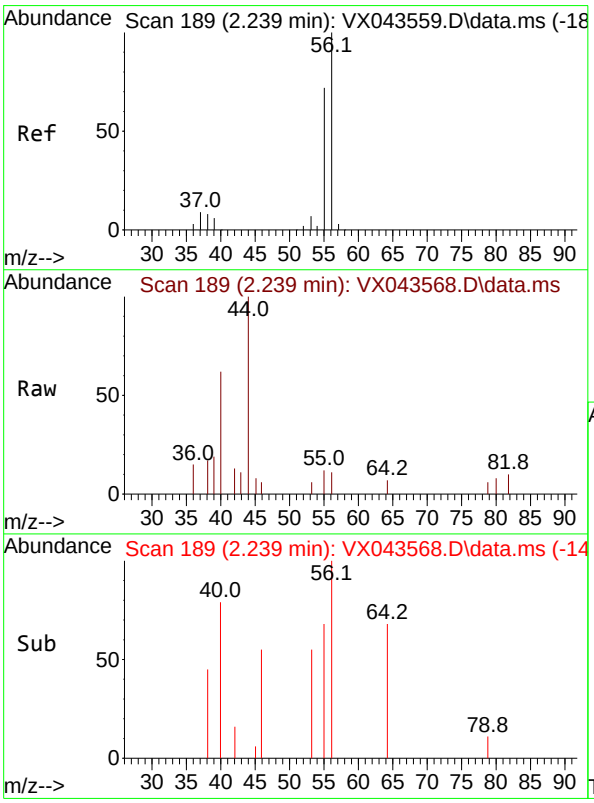
#11
Tert butyl alcohol
Concen: 7.791 ug/l
RT: 2.946 min Scan# 3
Delta R.T. -0.104 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB164394TB

Tgt Ion: 59 Resp: 3644

Ion	Ratio	Lower	Upper
59	100		
57	0.0	0.0	0.0

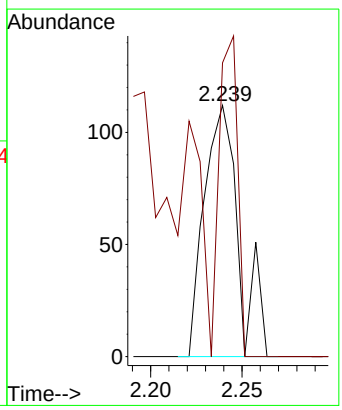


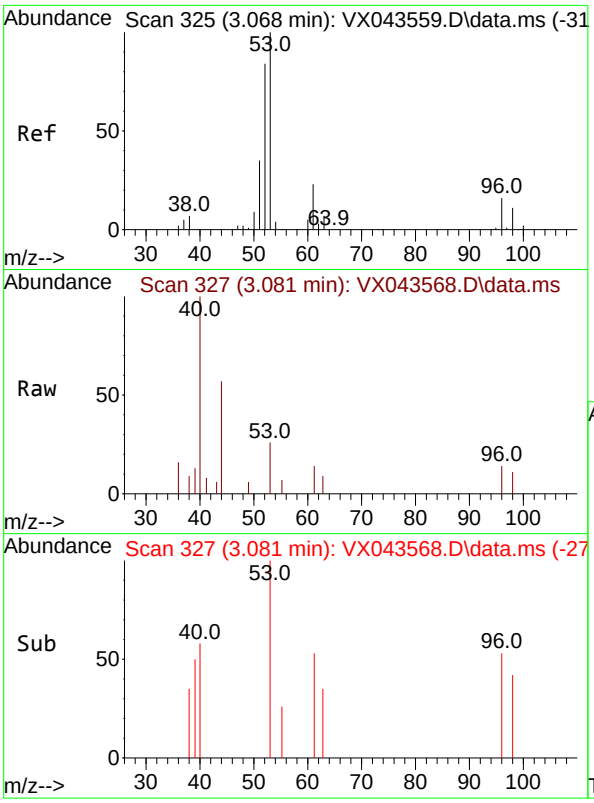


#13
Acrolein
Concen: 0.399 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Tgt Ion: 56 Resp: 146

Ion	Ratio	Lower	Upper
56	100		
55	68.5	55.3	82.9



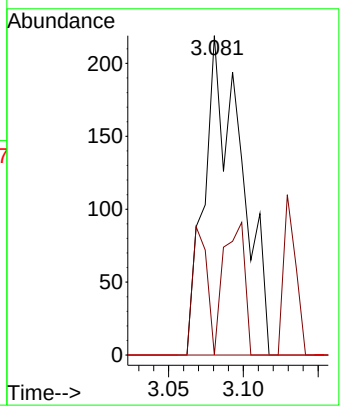


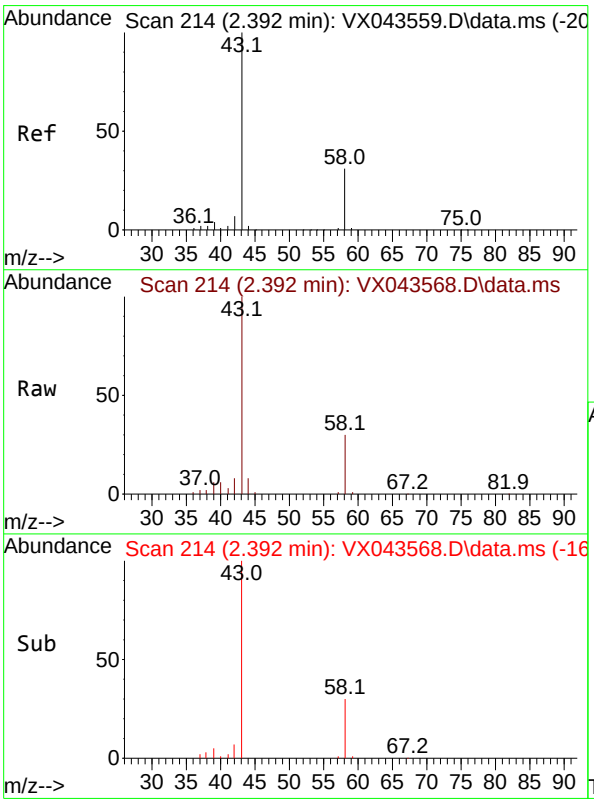
#15
Acrylonitrile
Concen: 0.355 ug/l
RT: 3.081 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB164394TB

Tgt Ion: 53 Resp: 375

Ion	Ratio	Lower	Upper
53	100		
52	15.7	65.8	98.6#
51	0.0	28.5	42.7#

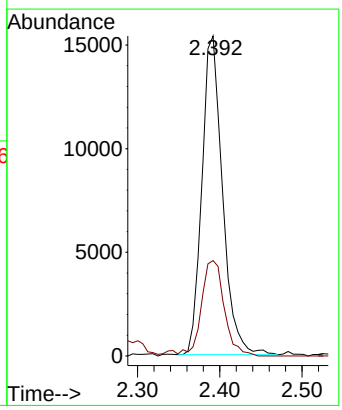


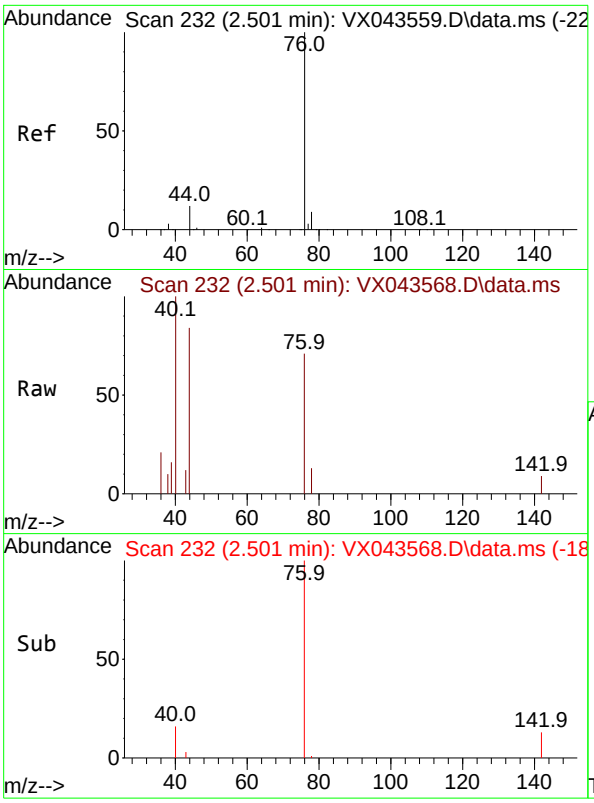


#16
Acetone
Concen: 26.910 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Tgt Ion: 43 Resp: 26778

Ion	Ratio	Lower	Upper
43	100		
58	29.9	25.1	37.7



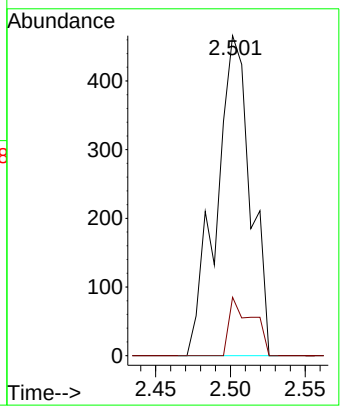


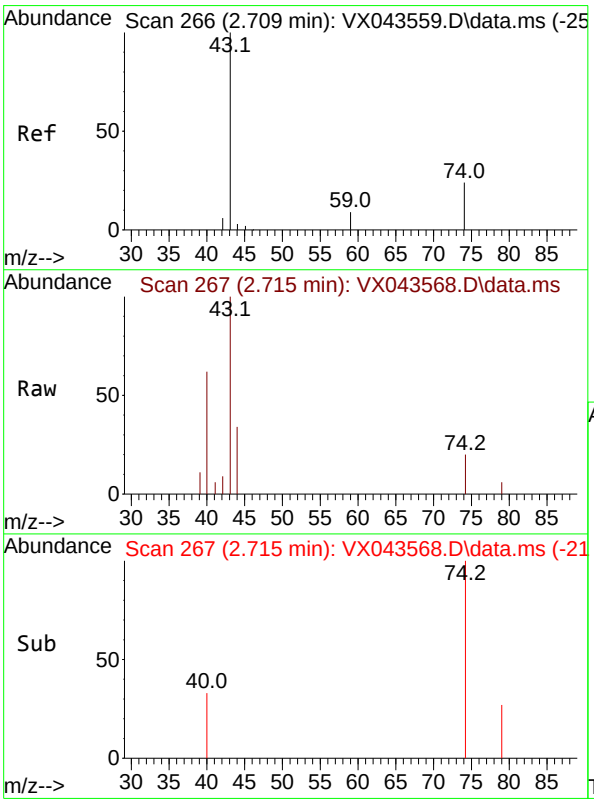
#17
Carbon Disulfide
Concen: 0.211 ug/l
RT: 2.501 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB164394TB

Tgt Ion: 76 Resp: 741

Ion	Ratio	Lower	Upper
76	100		
78	18.2	7.1	10.7#

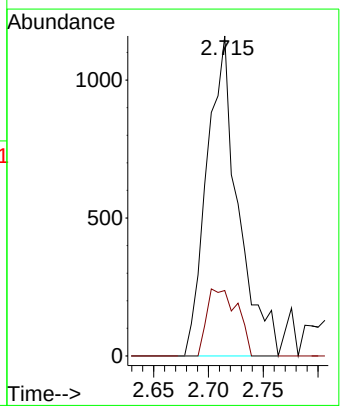


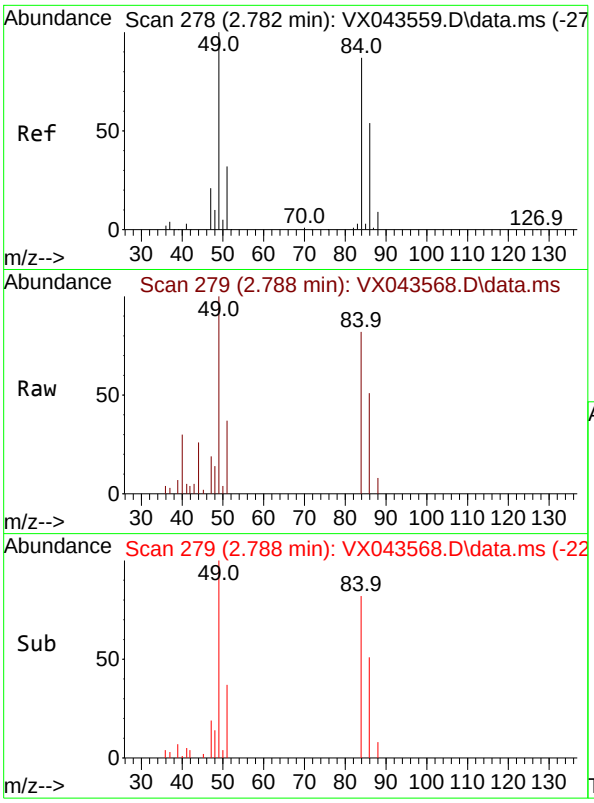


#18
Methyl Acetate
Concen: 0.788 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Tgt Ion: 43 Resp: 2291

Ion	Ratio	Lower	Upper
43	100		
74	20.5	19.1	28.7



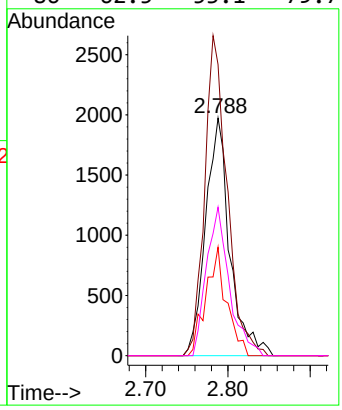


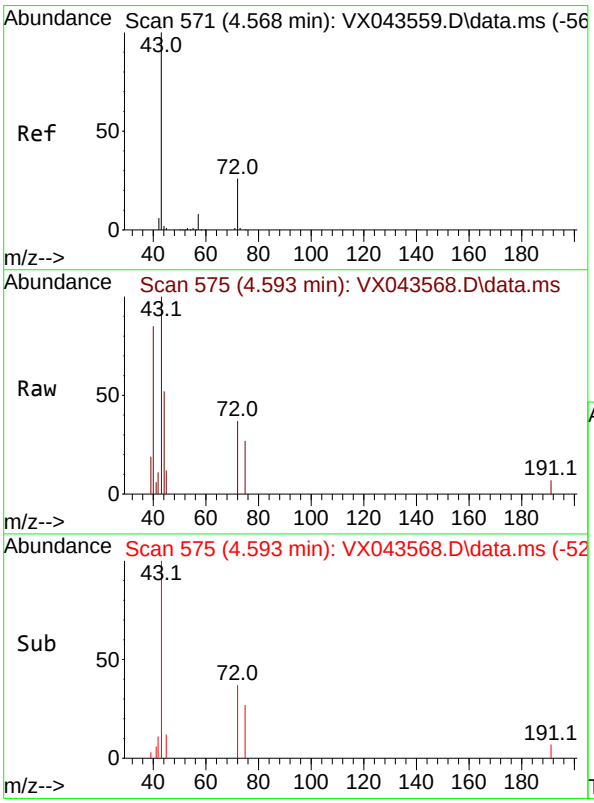
#20
Methylene Chloride
Concen: 1.875 ug/l
RT: 2.788 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB164394TB

Tgt Ion: 84 Resp: 4022

Ion	Ratio	Lower	Upper
84	100		
49	122.6	97.0	145.6
51	45.7	29.8	44.8#
86	62.5	53.1	79.7

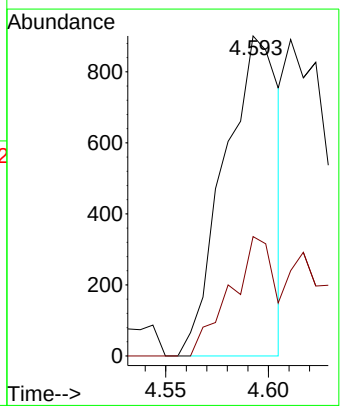


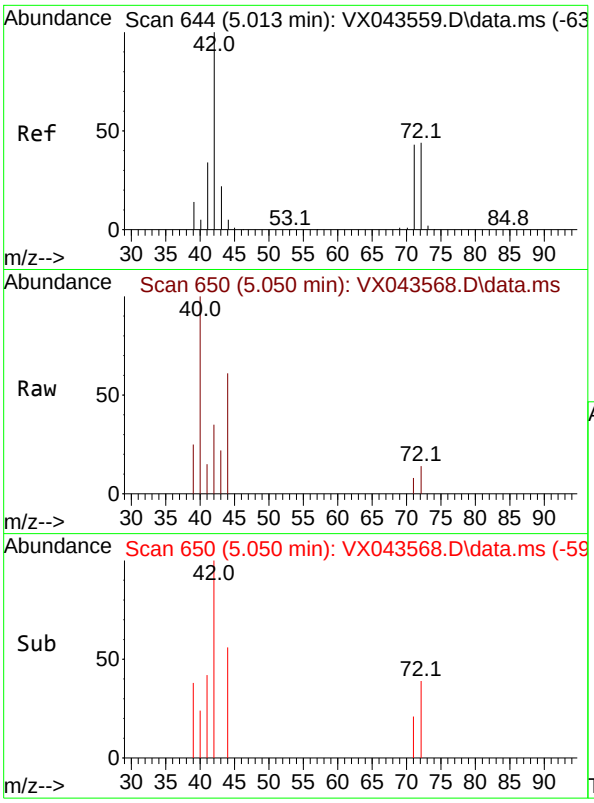


#25
2-Butanone
Concen: 1.130 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.024 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Tgt Ion: 43 Resp: 1640

Ion	Ratio	Lower	Upper
43	100		
72	37.3	21.1	31.7#



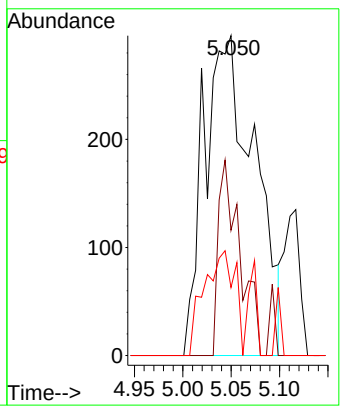


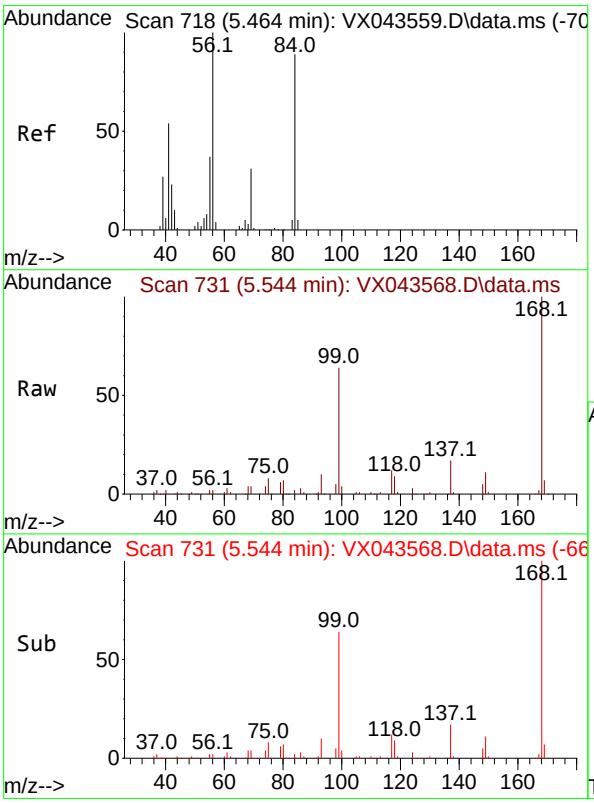
#29
Tetrahydrofuran
Concen: 1.134 ug/l
RT: 5.050 min Scan# 6
Delta R.T. 0.037 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB164394TB

Tgt Ion: 42 Resp: 1070

Ion	Ratio	Lower	Upper
42	100		
72	26.3	36.6	55.0#
71	20.1	34.2	51.4#

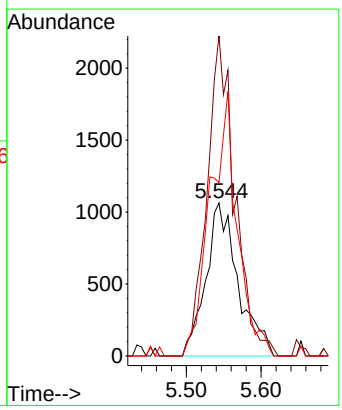


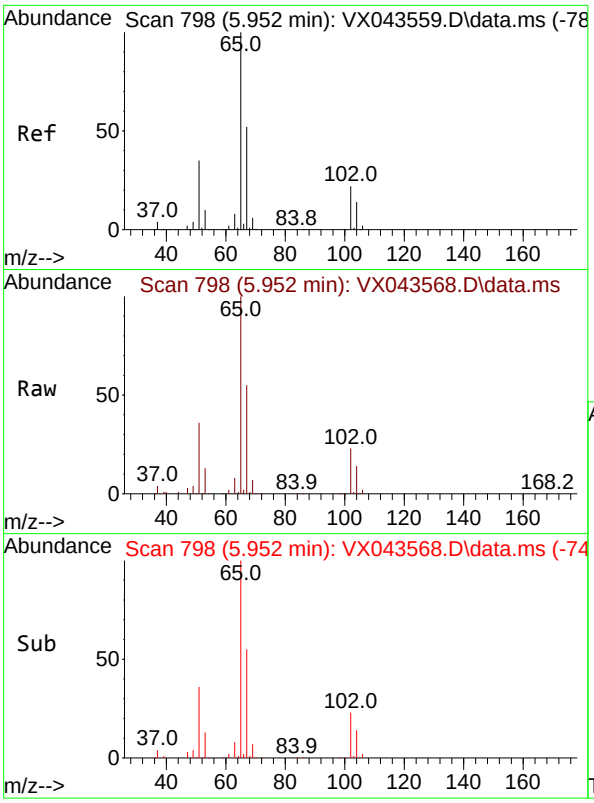


#31
Cyclohexane
Concen: 1.205 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Tgt Ion: 56 Resp: 3188

Ion	Ratio	Lower	Upper
56	100		
69	209.2	24.9	37.3#
84	113.3	73.3	109.9#



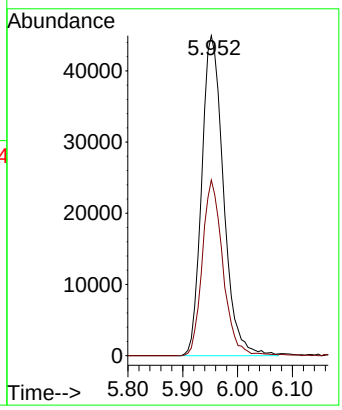


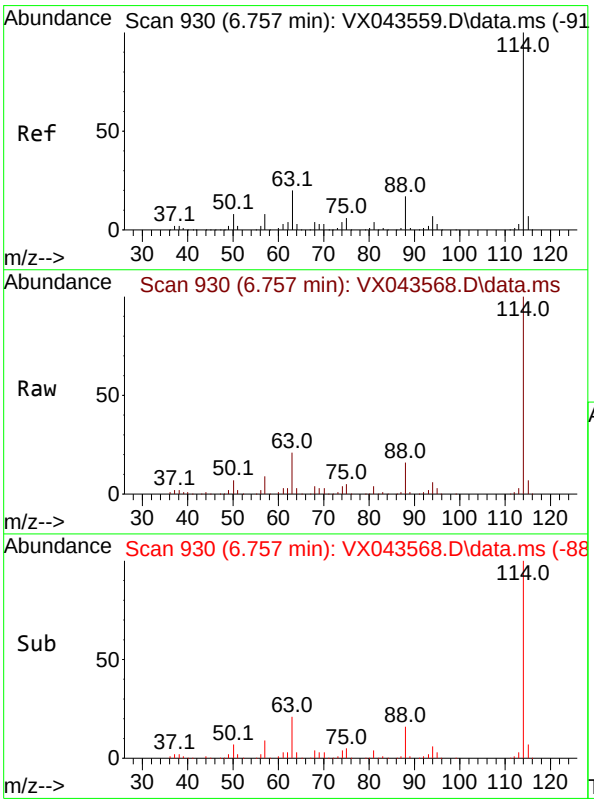
#33
1,2-Dichloroethane-d4
Concen: 49.426 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB164394TB

Tgt Ion: 65 Resp: 123854

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.4

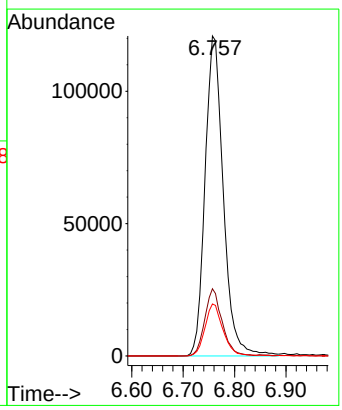


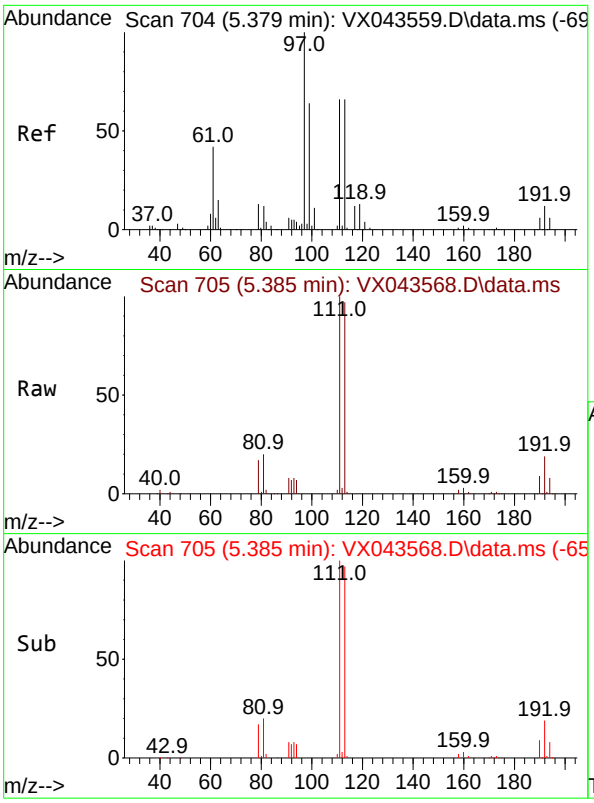


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Tgt Ion:114 Resp: 298510

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.2
88	16.2	0.0	34.0



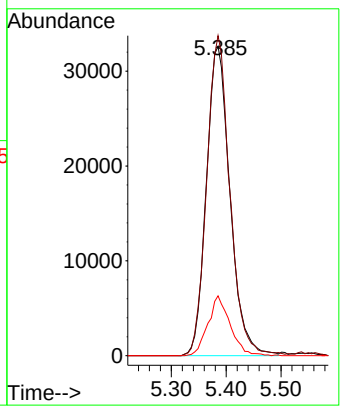


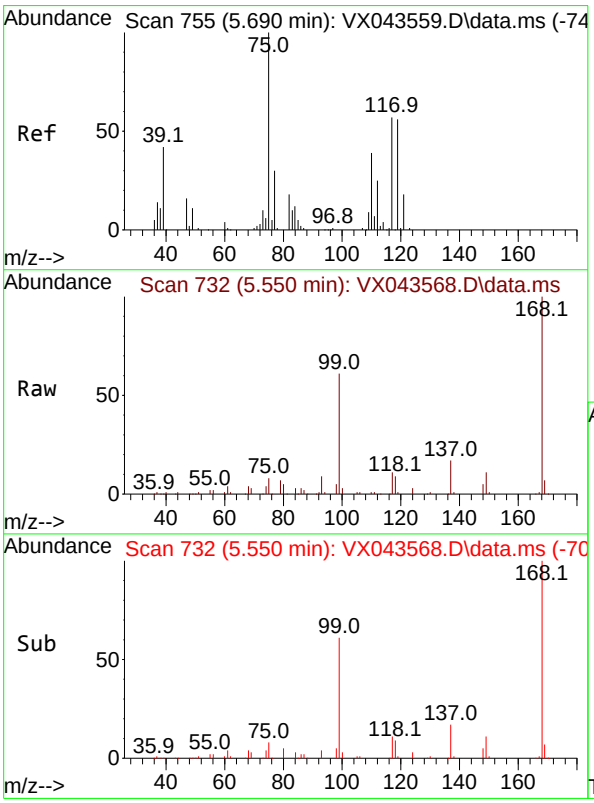
#35
Dibromofluoromethane
Concen: 48.272 ug/l
RT: 5.385 min Scan# 7(
Delta R.T. 0.000 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB164394TB

Tgt Ion:113 Resp: 97712

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.4	122.0
192	18.2	14.1	21.1

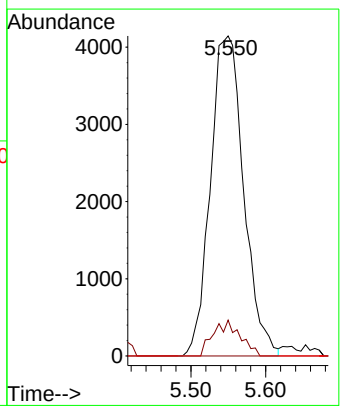


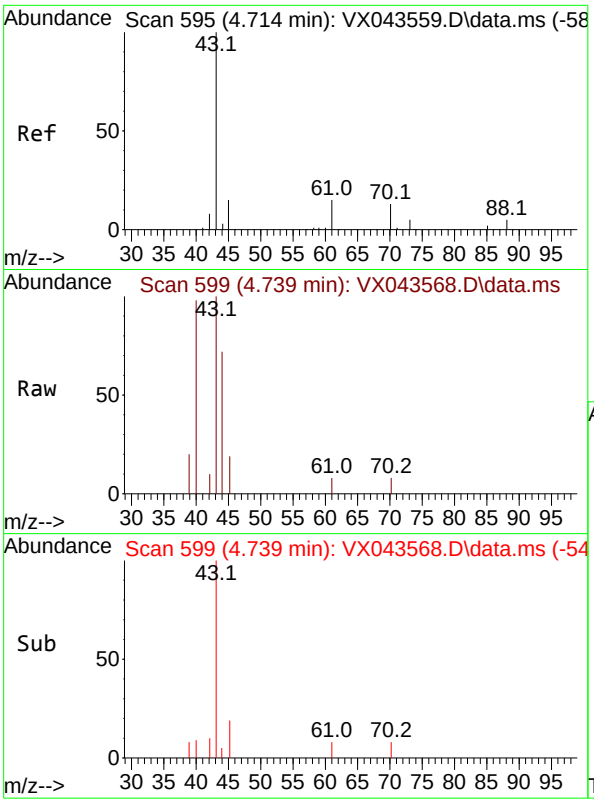


#36
1,1-Dichloropropene
Concen: 5.343 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Tgt Ion: 75 Resp: 12824

Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.9	53.7#
77	0.0	25.0	37.4#



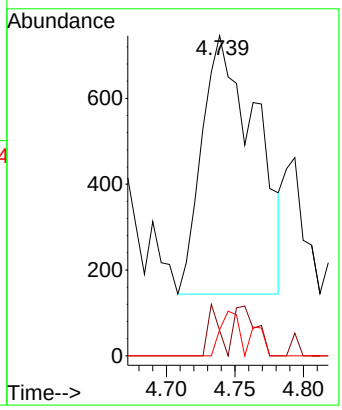


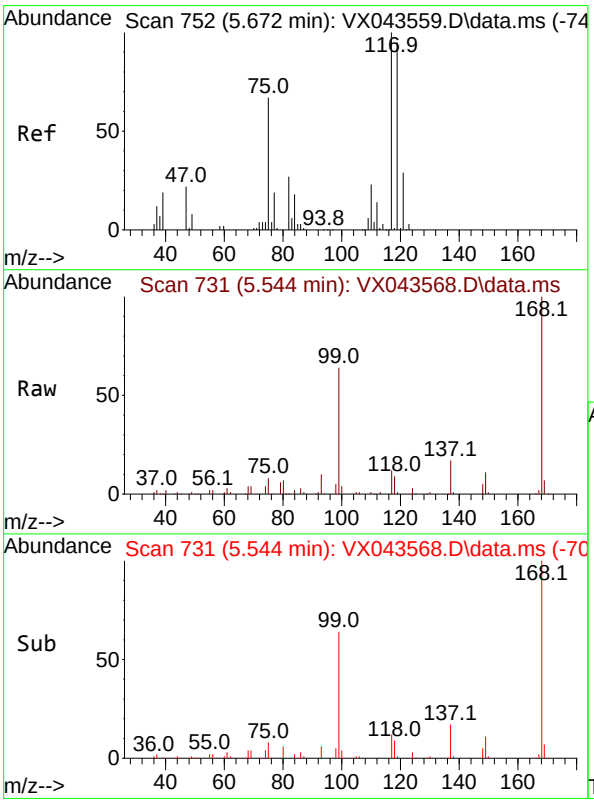
#37
Ethyl Acetate
Concen: 0.566 ug/l
RT: 4.739 min Scan# 5
Delta R.T. 0.018 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB164394TB

Tgt Ion: 43 Resp: 1648

Ion	Ratio	Lower	Upper
43	100		
61	4.0	11.0	16.6#
70	5.8	8.9	13.3#

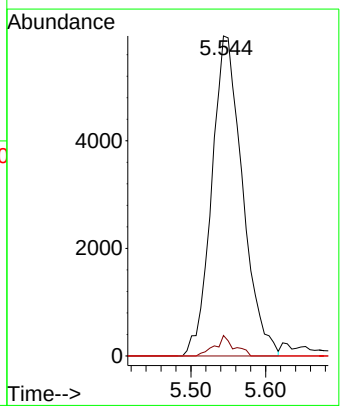


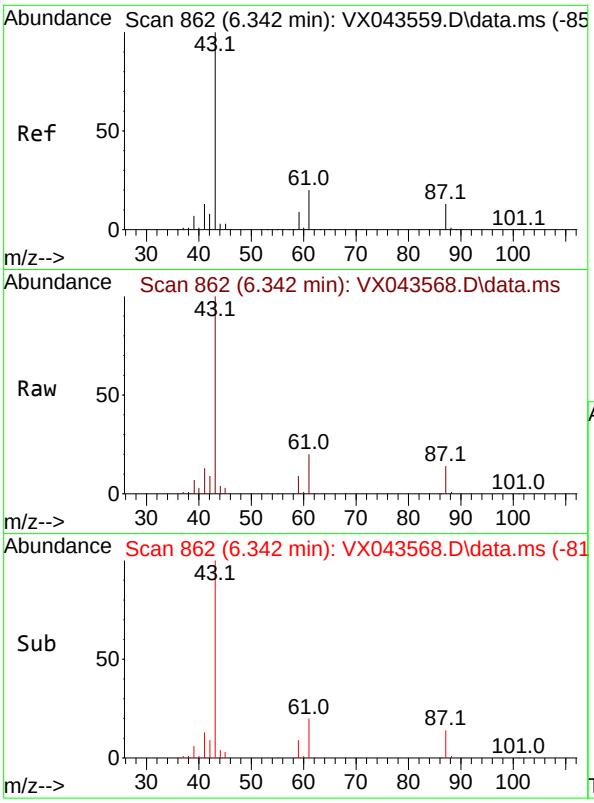


#38
Carbon Tetrachloride
Concen: 6.416 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Tgt Ion:117 Resp: 17016

Ion	Ratio	Lower	Upper
117	100		
119	6.4	77.0	115.6#
121	0.0	24.7	37.1#



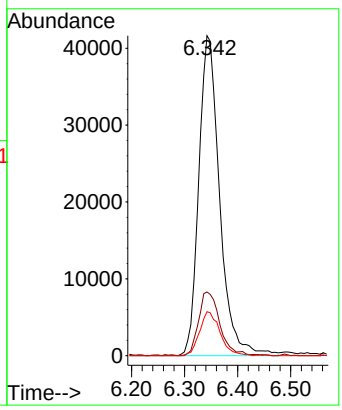


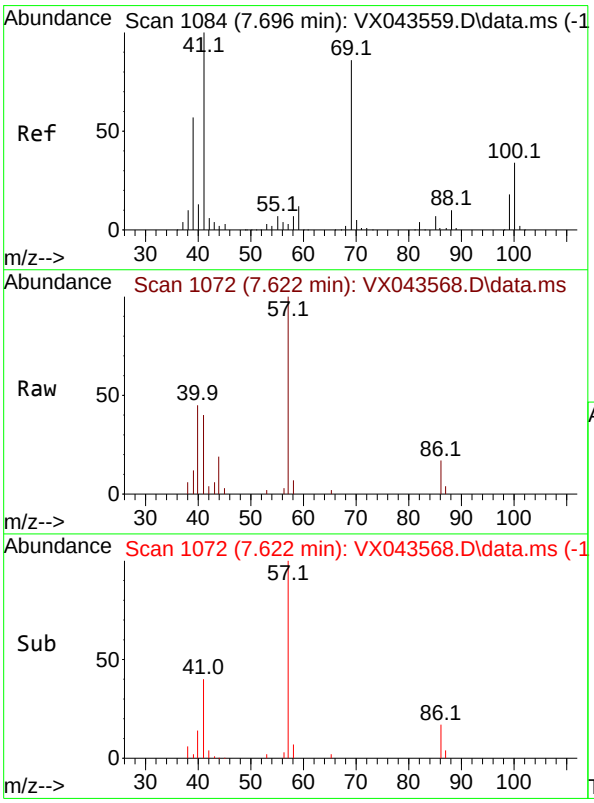
#43
Isopropyl Acetate
Concen: 23.614 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB164394TB

Tgt Ion: 43 Resp: 113795

Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.2	24.4
87	13.5	11.0	16.6

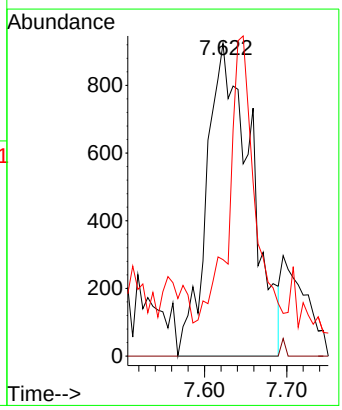


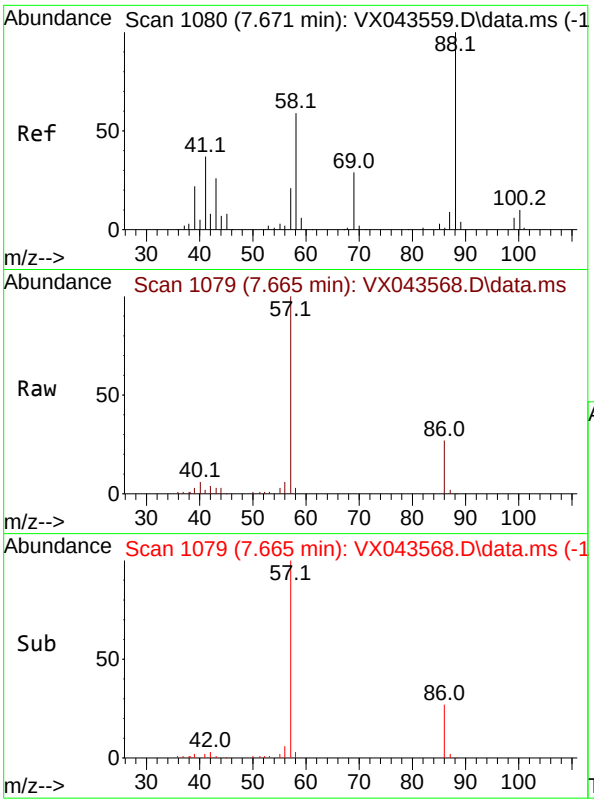


#48
Methyl methacrylate
Concen: 1.500 ug/l
RT: 7.622 min Scan# 1072
Delta R.T. -0.073 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Tgt Ion: 41 Resp: 3426

Ion	Ratio	Lower	Upper
41	100		
69	0.0	67.7	101.5#
39	0.0	46.3	69.5#



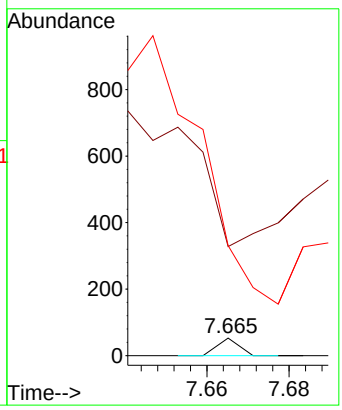


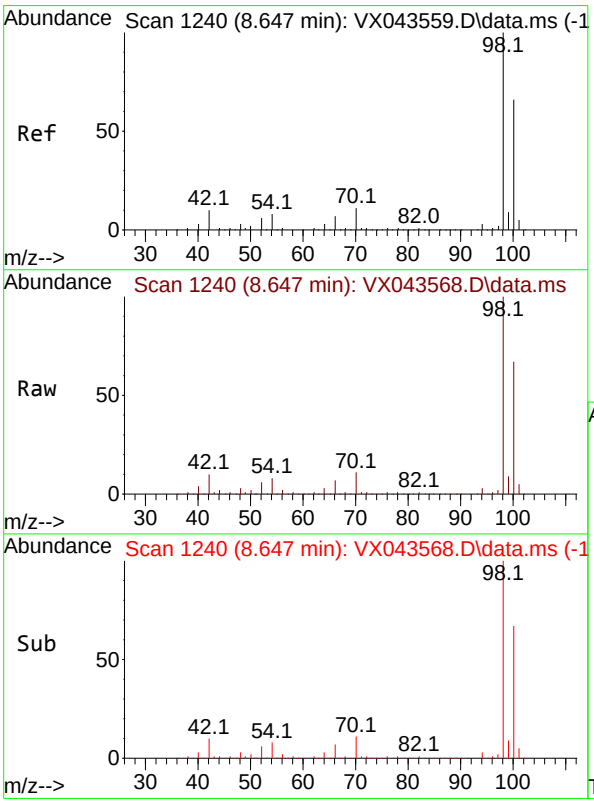
#49
1,4-Dioxane
Concen: 0.405 ug/l
RT: 7.665 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB164394TB

Tgt Ion: 88 Resp: 19

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.3	37.9#
58	10136.8	53.9	80.9#

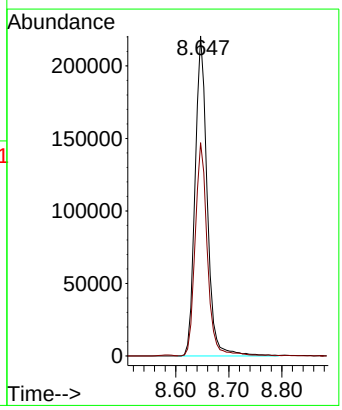


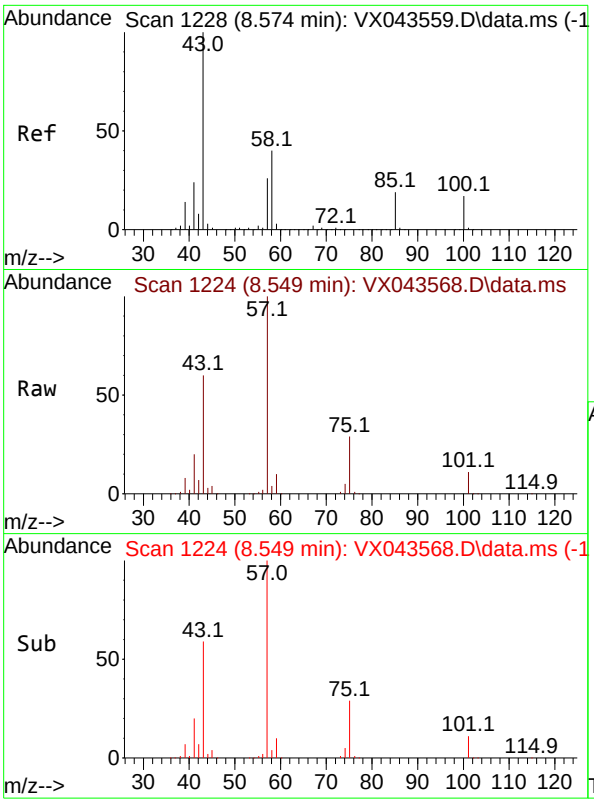


#50
Toluene-d8
Concen: 50.094 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Tgt Ion: 98 Resp: 351010

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.4	80.2



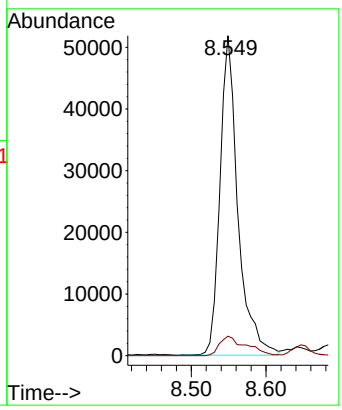


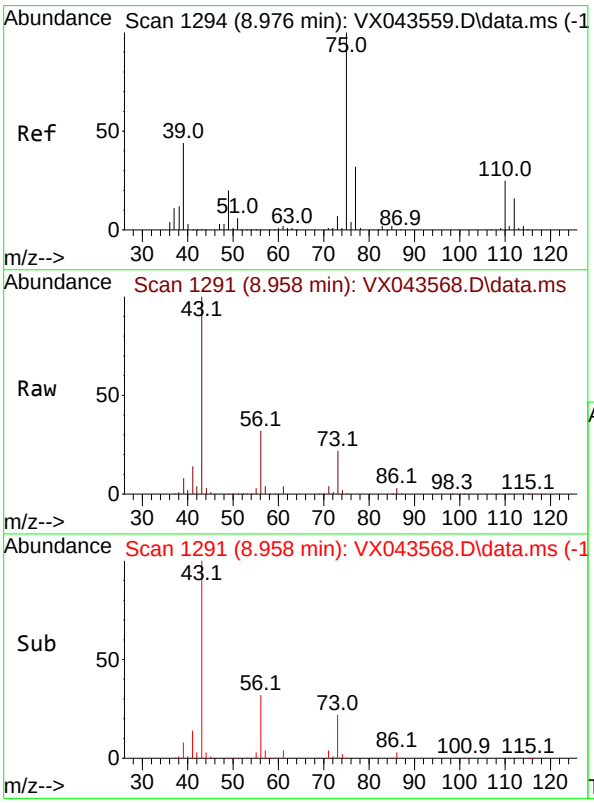
#51
4-Methyl-2-Pentanone
Concen: 29.451 ug/l
RT: 8.549 min Scan# 1
Delta R.T. -0.030 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB164394TB

Tgt Ion: 43 Resp: 86503

Ion	Ratio	Lower	Upper
43	100		
58	9.2	31.7	47.5#

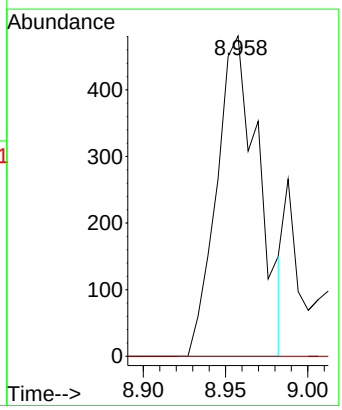


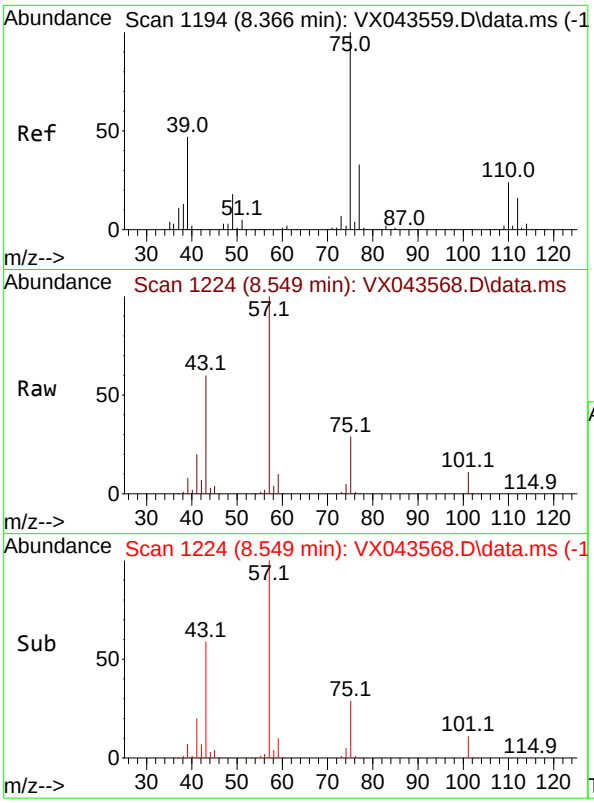


#53
t-1,3-Dichloropropene
Concen: 0.299 ug/l
RT: 8.958 min Scan# 1291
Delta R.T. -0.018 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Tgt Ion: 75 Resp: 854

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.0	39.0#



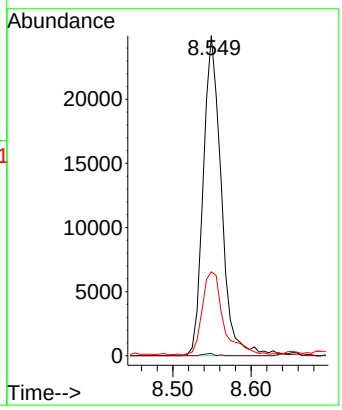


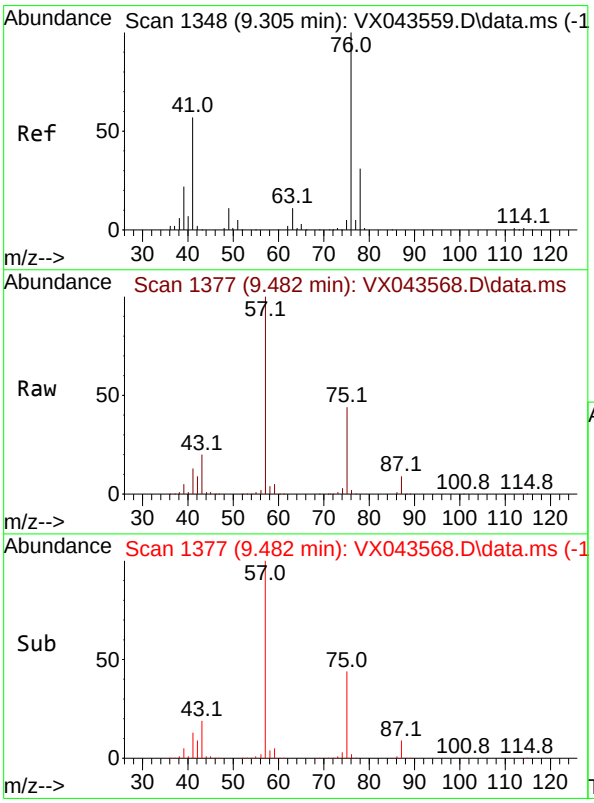
#54
cis-1,3-Dichloropropene
Concen: 13.113 ug/l
RT: 8.549 min Scan# 1
Delta R.T. 0.183 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB164394TB

Tgt Ion: 75 Resp: 39965

Ion	Ratio	Lower	Upper
75	100		
77	0.7	24.8	37.2#
39	25.7	37.7	56.5#

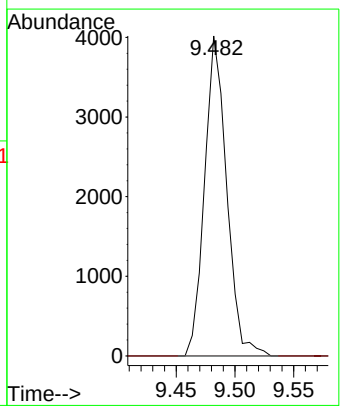


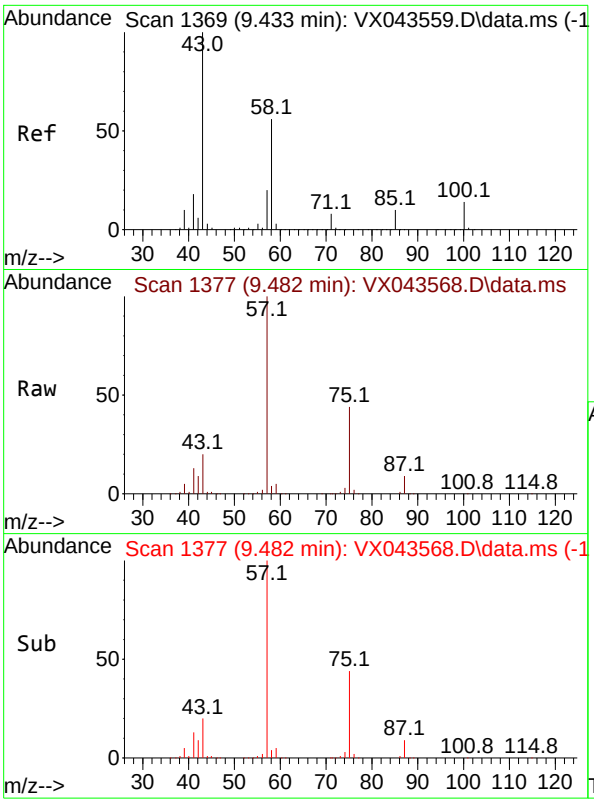


#57
1,3-Dichloropropane
Concen: 1.565 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Tgt Ion: 76 Resp: 5263

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.9	38.9#



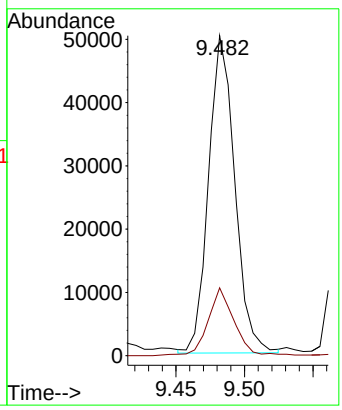


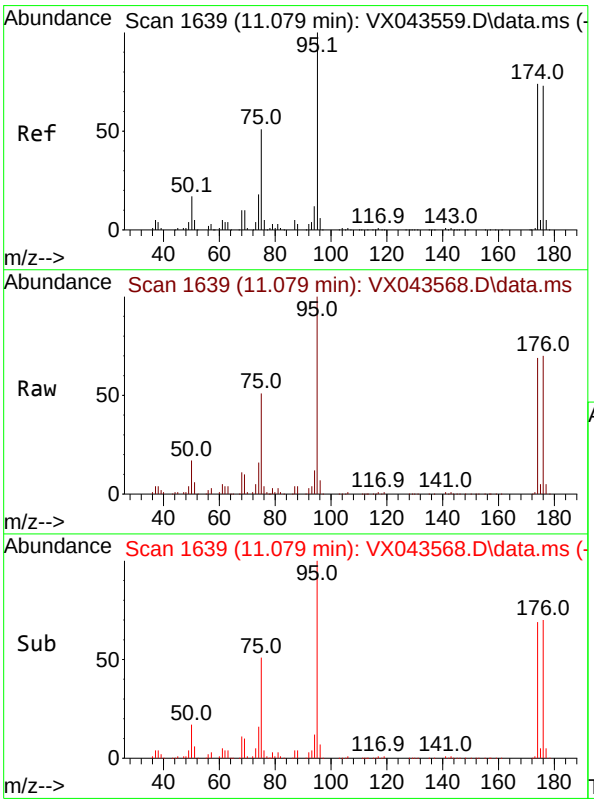
#59
2-Hexanone
Concen: 29.908 ug/l
RT: 9.482 min Scan# 1
Delta R.T. 0.049 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB164394TB

Tgt Ion: 43 Resp: 66718

Ion	Ratio	Lower	Upper
43	100		
58	21.4	27.5	82.5#

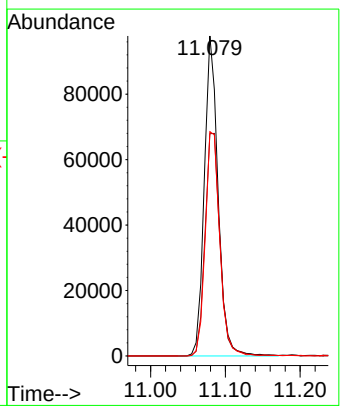


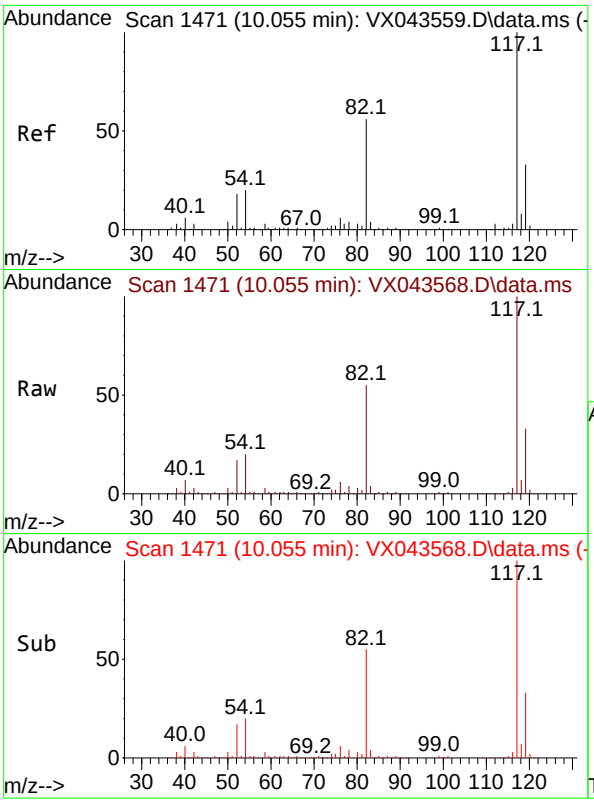


#62
4-Bromofluorobenzene
Concen: 48.227 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Tgt Ion: 95 Resp: 125219

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	146.6
176	74.2	0.0	139.6



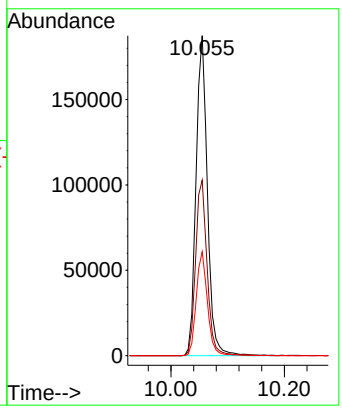


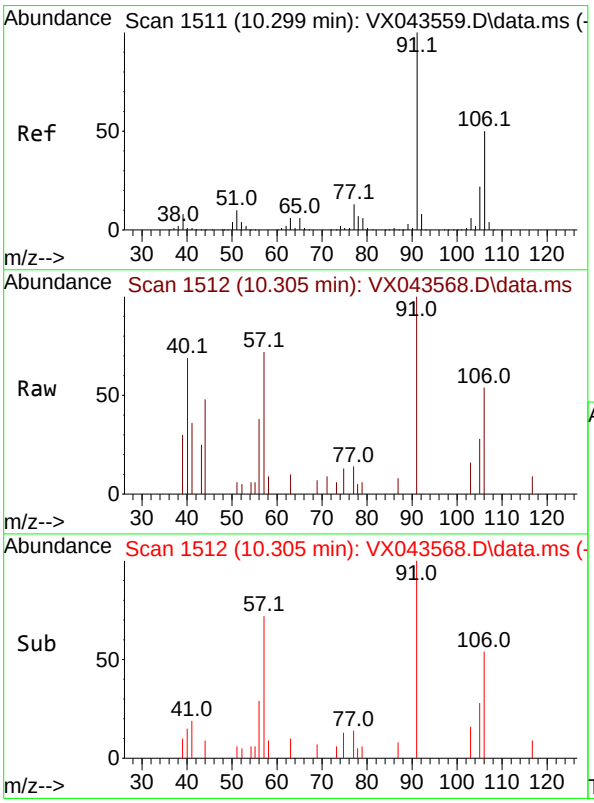
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB164394TB

Tgt Ion:117 Resp: 260799

Ion	Ratio	Lower	Upper
117	100		
82	54.8	42.1	63.1
119	32.5	25.4	38.2

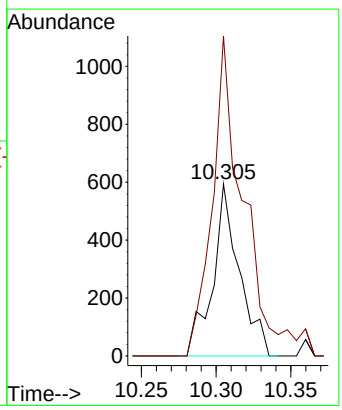


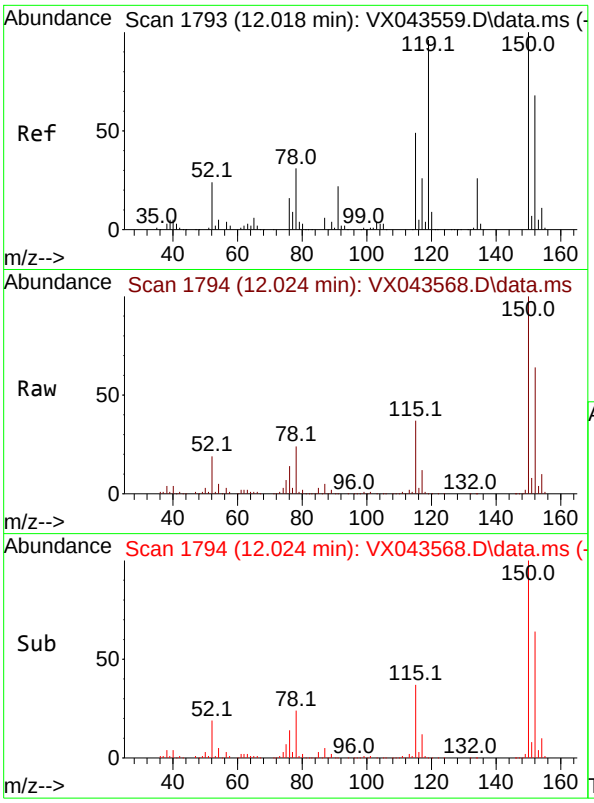


#68
m/p-Xylenes
Concen: 0.209 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Tgt Ion:106 Resp: 733

Ion	Ratio	Lower	Upper
106	100		
91	220.2	164.7	247.1



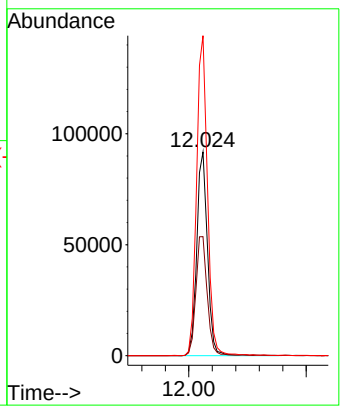


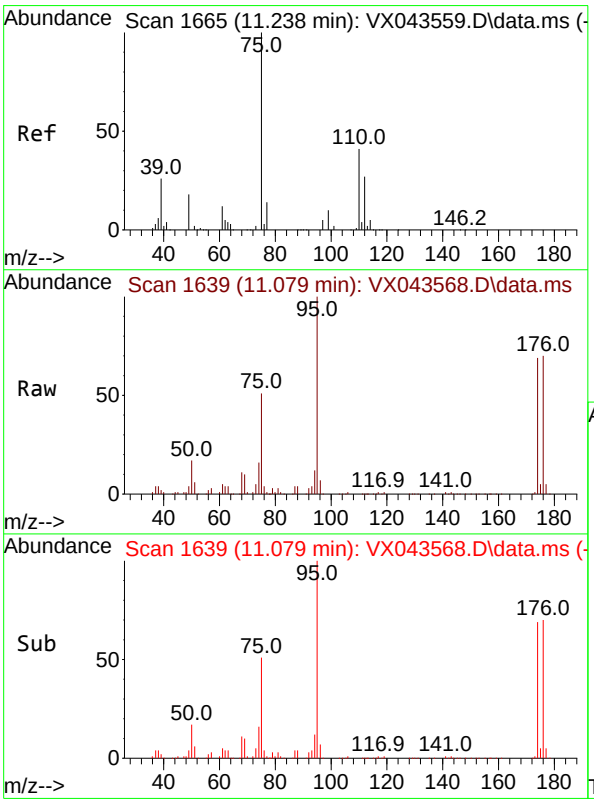
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB164394TB

Tgt Ion:152 Resp: 116240

Ion	Ratio	Lower	Upper
152	100		
115	61.9	42.9	128.7
150	159.3	0.0	343.6

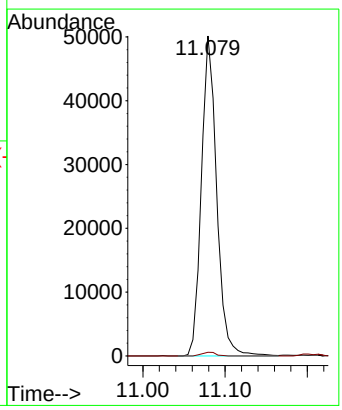


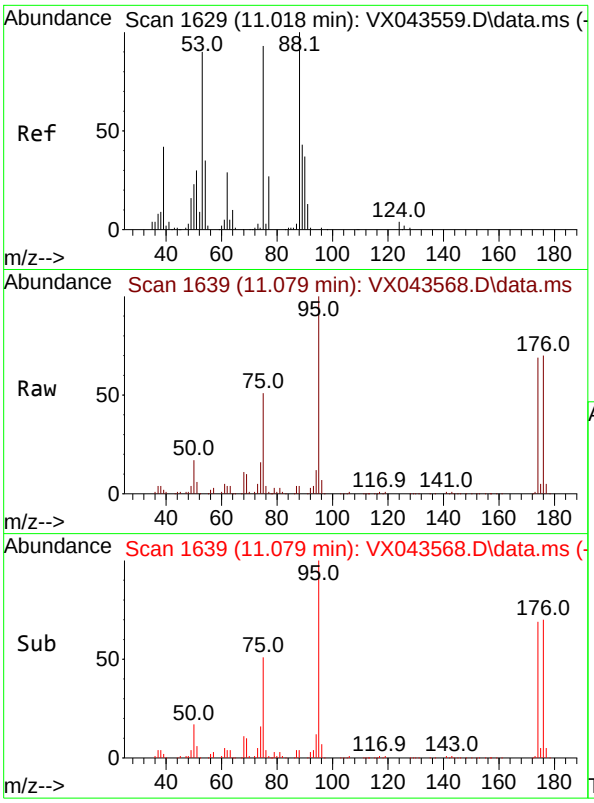


#76
1,2,3-Trichloropropane
Concen: 26.100 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Tgt Ion: 75 Resp: 64869

Ion	Ratio	Lower	Upper
75	100		
77	1.1	22.4	67.2#



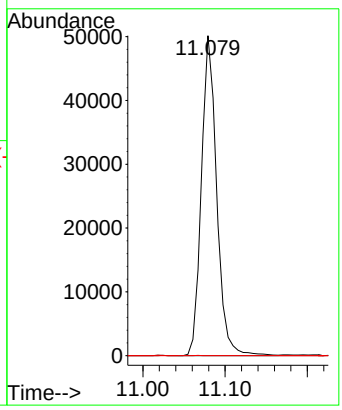


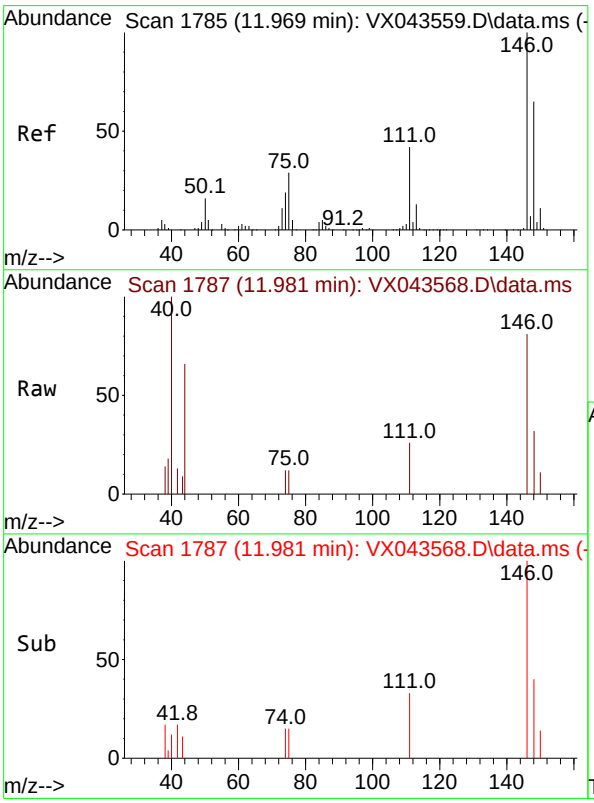
#81
trans-1,4-Dichloro-2-butene
Concen: 71.803 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB164394TB

Tgt Ion: 75 Resp: 64869

Ion	Ratio	Lower	Upper
75	100		
53	0.0	84.6	126.8#
89	0.0	38.6	58.0#

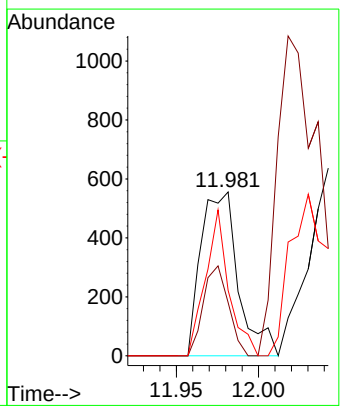


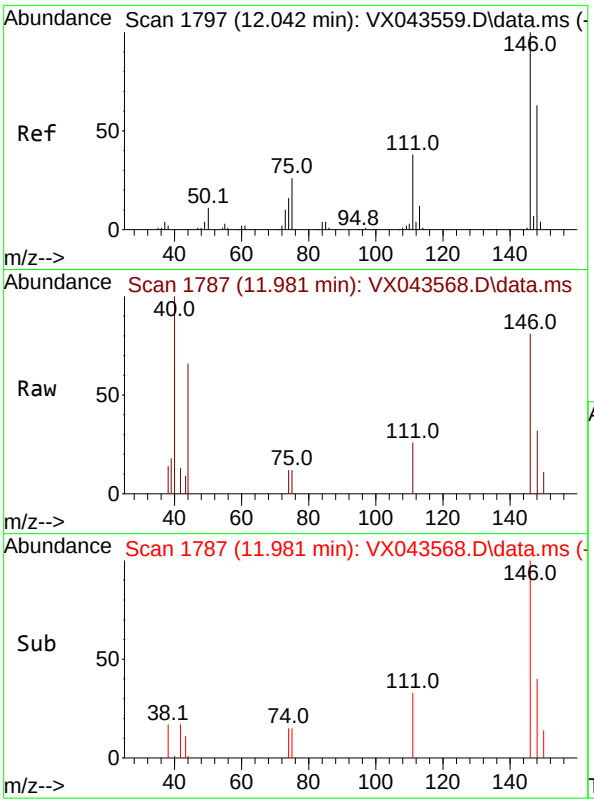


#87
1,3-Dichlorobenzene
Concen: 0.230 ug/l
RT: 11.981 min Scan# 1787
Delta R.T. 0.012 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Tgt Ion:146 Resp: 876

Ion	Ratio	Lower	Upper
146	100		
111	37.1	21.1	63.4
148	55.8	31.6	94.8



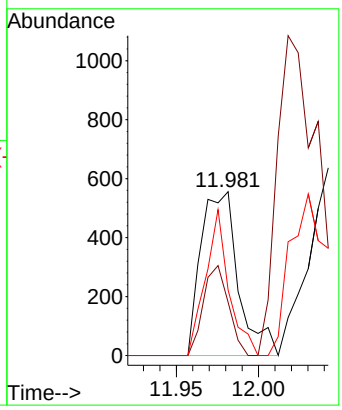


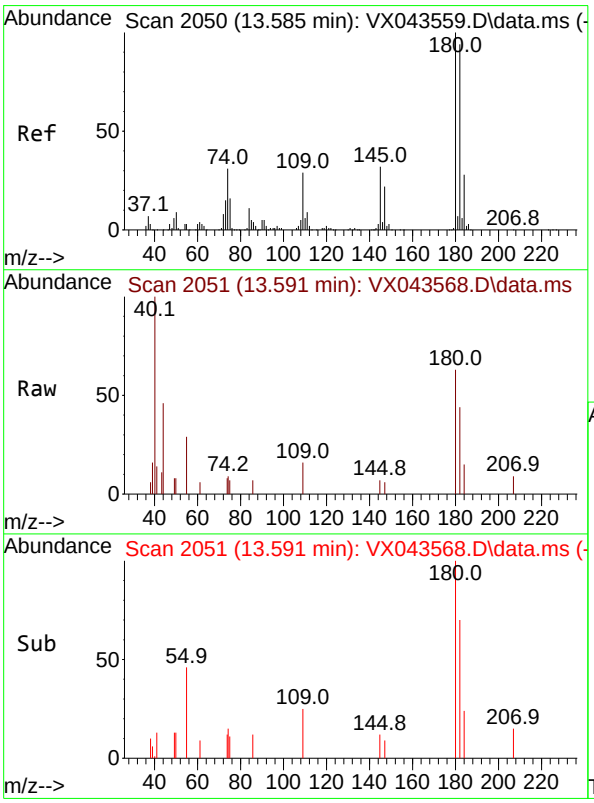
#88
1,4-Dichlorobenzene
Concen: 0.222 ug/l
RT: 11.981 min Scan# 1
Delta R.T. -0.061 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB164394TB

Tgt Ion:146 Resp: 876

Ion	Ratio	Lower	Upper
146	100		
111	37.1	20.4	61.3
148	55.8	31.9	95.9

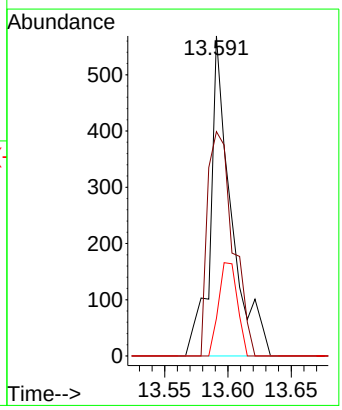


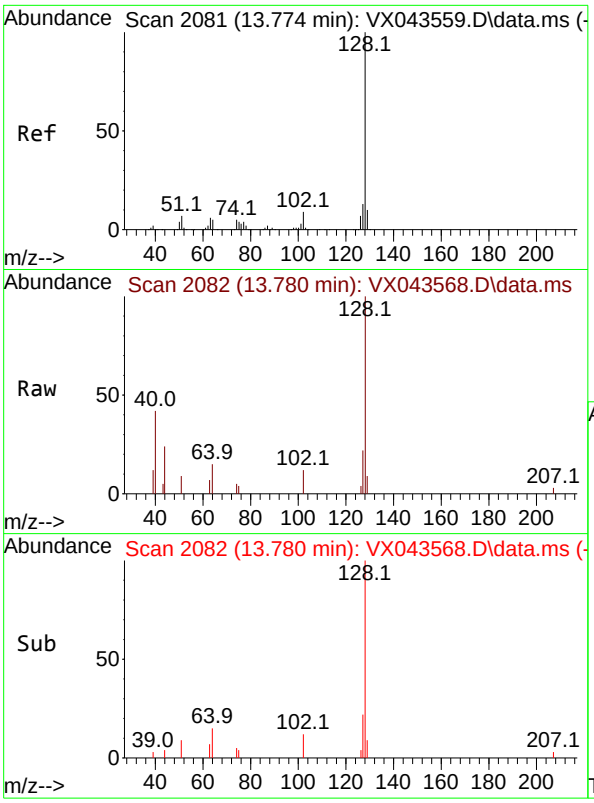


#93
1,2,4-Trichlorobenzene
Concen: 0.275 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Tgt Ion:180 Resp: 651

Ion	Ratio	Lower	Upper
180	100		
182	85.9	46.8	140.4
145	26.3	16.1	48.3



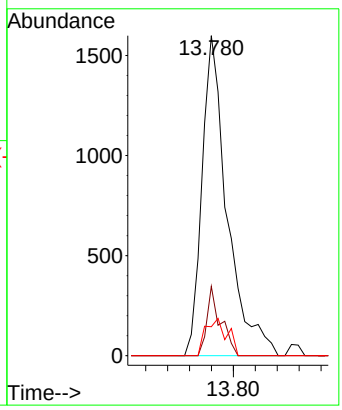


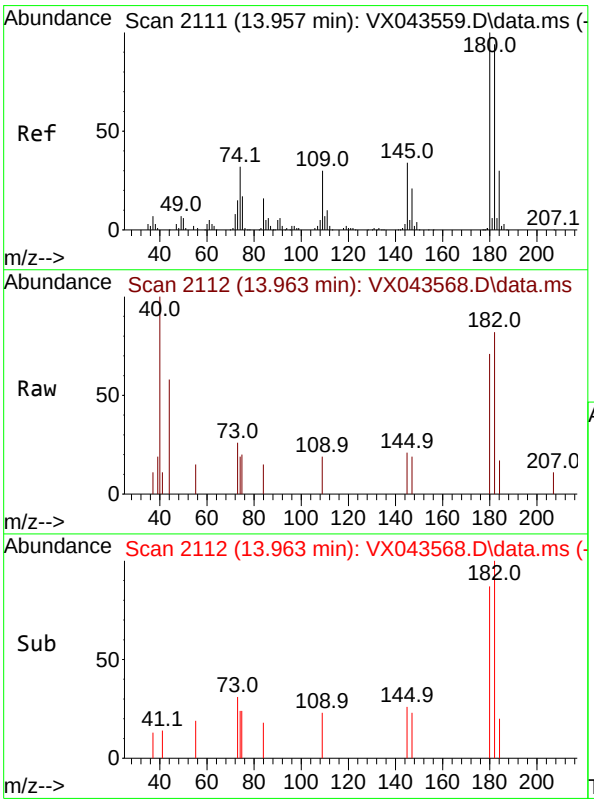
#95
Naphthalene
Concen: 0.282 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB164394TB

Tgt Ion:128 Resp: 2548

Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.2	15.4
129	10.0	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 0.226 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX043568.D
Acq: 28 Oct 2024 17:14

Tgt Ion:180 Resp: 563

Ion	Ratio	Lower	Upper
180	100		
182	109.9	47.1	141.3
145	42.1	17.4	52.3