Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
Data File : VY016752.D
Acq On : 21 Dec 2023 09:51
Operator : SY/MD
Sample : VSTDCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 21 14:21:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.813	168	155949	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	268721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	230909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	99909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	66465	46.686	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 93.380%			
35) Dibromofluoromethane	7.746	113	68847	44.726	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 89.460%			
50) Toluene-d8	10.197	98	248749	44.828	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 89.660%			
62) 4-Bromofluorobenzene	12.495	95	81281	45.149	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 90.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.918	85	52127	39.113	ug/l	96
3) Chloromethane	2.131	50	83723	40.869	ug/l	96
4) Vinyl Chloride	2.266	62	98146	42.416	ug/l	98
5) Bromomethane	2.674	94	68727	41.702	ug/l	98
6) Chloroethane	2.814	64	65985	42.084	ug/l	99
7) Trichlorofluoromethane	3.150	101	113823	42.227	ug/l	99
8) Diethyl Ether	3.552	74	38296	44.412	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.924	101	69719	42.164	ug/l	99
10) Methyl Iodide	4.119	142	73217	42.493	ug/l	99
11) Tert butyl alcohol	4.991	59	25273	216.515	ug/l	100
12) 1,1-Dichloroethene	3.899	96	65811	44.701	ug/l	98
13) Acrolein	3.753	56	21103	234.317	ug/l	97
14) Allyl chloride	4.509	41	103749	46.009	ug/l	99
15) Acrylonitrile	5.198	53	85658	234.572	ug/l	99
16) Acetone	3.973	43	89523	232.545	ug/l	99
17) Carbon Disulfide	4.229	76	181735	45.367	ug/l	99
18) Methyl Acetate	4.509	43	74527	49.537	ug/l	99
19) Methyl tert-butyl Ether	5.259	73	169322	44.698	ug/l	98
20) Methylene Chloride	4.753	84	80466	40.545	ug/l	99
21) trans-1,2-Dichloroethene	5.259	96	76713	45.687	ug/l	97
22) Diisopropyl ether	6.149	45	237600	46.573	ug/l	98
23) Vinyl Acetate	6.094	43	542690	224.917	ug/l	100
24) 1,1-Dichloroethane	6.051	63	137280	44.795	ug/l	99
25) 2-Butanone	7.015	43	123003	232.066	ug/l	96
26) 2,2-Dichloropropane	7.015	77	116978	43.741	ug/l	100
27) cis-1,2-Dichloroethene	7.015	96	87182	45.115	ug/l	98
28) Bromochloromethane	7.362	49	60413	49.807	ug/l	99
29) Tetrahydrofuran	7.374	42	69987	241.483	ug/l	98
30) Chloroform	7.533	83	139748	44.545	ug/l	99
31) Cyclohexane	7.813	56	117029	42.905	ug/l	99
32) 1,1,1-Trichloroethane	7.728	97	119608	43.433	ug/l	99
36) 1,1-Dichloropropene	7.941	75	106080	42.987	ug/l	100
37) Ethyl Acetate	7.100	43	47602	45.004	ug/l	99
38) Carbon Tetrachloride	7.929	117	103742	42.484	ug/l	99
39) Methylcyclohexane	9.203	83	127083	44.603	ug/l	98
40) Benzene	8.185	78	316210	44.033	ug/l	99

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 21 14:21:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.332	41	23668	42.145	ug/l	#	84
42) 1,2-Dichloroethane	8.258	62	83821	44.740	ug/l		100
43) Isopropyl Acetate	8.295	43	91530	44.554	ug/l		100
44) Trichloroethene	8.960	130	78978	43.090	ug/l		99
45) 1,2-Dichloropropane	9.234	63	78248	43.438	ug/l		100
46) Dibromomethane	9.325	93	41206	44.279	ug/l		98
47) Bromodichloromethane	9.514	83	107015	43.630	ug/l		97
48) Methyl methacrylate	9.313	41	51023	44.689	ug/l		96
49) 1,4-Dioxane	9.319	88	8536	945.053	ug/l		94
51) 4-Methyl-2-Pentanone	10.087	43	247069	225.721	ug/l		99
52) Toluene	10.264	92	192585	44.751	ug/l		100
53) t-1,3-Dichloropropene	10.484	75	100230	44.815	ug/l		99
54) cis-1,3-Dichloropropene	9.947	75	120270	44.582	ug/l		96
55) 1,1,2-Trichloroethane	10.660	97	58362	43.956	ug/l		98
56) Ethyl methacrylate	10.526	69	53868	46.138	ug/l		99
57) 1,3-Dichloropropane	10.807	76	100827	44.708	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.801	63	195399	311.106	ug/l		99
59) 2-Hexanone	10.849	43	181761	222.697	ug/l		100
60) Dibromochloromethane	11.002	129	67284	43.806	ug/l		100
61) 1,2-Dibromoethane	11.105	107	52448	44.048	ug/l		100
64) Tetrachloroethene	10.740	164	60503	42.180	ug/l		98
65) Chlorobenzene	11.532	112	195901	43.181	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.605	131	72930	42.726	ug/l		100
67) Ethyl Benzene	11.611	91	367438	44.003	ug/l		99
68) m/p-Xylenes	11.721	106	268582	87.103	ug/l		98
69) o-Xylene	12.044	106	124814	44.122	ug/l		99
70) Styrene	12.063	104	185871	44.403	ug/l		100
71) Bromoform	12.227	173	36433	42.812	ug/l	#	98
73) Isopropylbenzene	12.343	105	340175	43.718	ug/l		100
74) N-amyl acetate	12.160	43	69762	42.721	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.599	83	66339	42.664	ug/l		98
76) 1,2,3-Trichloropropane	12.648	75	78533	71.107	ug/l	#	100
77) Bromobenzene	12.623	156	71344	42.029	ug/l		98
78) n-propylbenzene	12.684	91	412098	43.713	ug/l		99
79) 2-Chlorotoluene	12.770	91	224590	43.053	ug/l		99
80) 1,3,5-Trimethylbenzene	12.825	105	270917	43.985	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.392	75	19367	41.181	ug/l		97
82) 4-Chlorotoluene	12.867	91	227505	42.511	ug/l		99
83) tert-Butylbenzene	13.087	119	238898	44.590	ug/l		100
84) 1,2,4-Trimethylbenzene	13.136	105	266285	43.844	ug/l		99
85) sec-Butylbenzene	13.270	105	343827	43.328	ug/l		99
86) p-Isopropyltoluene	13.386	119	283873	42.955	ug/l		100
87) 1,3-Dichlorobenzene	13.379	146	137984	41.594	ug/l		100
88) 1,4-Dichlorobenzene	13.459	146	134469	41.512	ug/l		98
89) n-Butylbenzene	13.709	91	272375	43.115	ug/l		100
90) Hexachloroethane	13.977	117	56368	40.962	ug/l		99
91) 1,2-Dichlorobenzene	13.757	146	118728	42.011	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.373	75	7990	39.641	ug/l		99
93) 1,2,4-Trichlorobenzene	15.019	180	60660	40.451	ug/l		98
94) Hexachlorobutadiene	15.123	225	34477	40.479	ug/l		97
95) Naphthalene	15.251	128	112283	35.876	ug/l		100
96) 1,2,3-Trichlorobenzene	15.440	180	49438	38.710	ug/l		98

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Operator : SY/MD
Sample : VSTDCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 21 14:21:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
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ClientSampleId :

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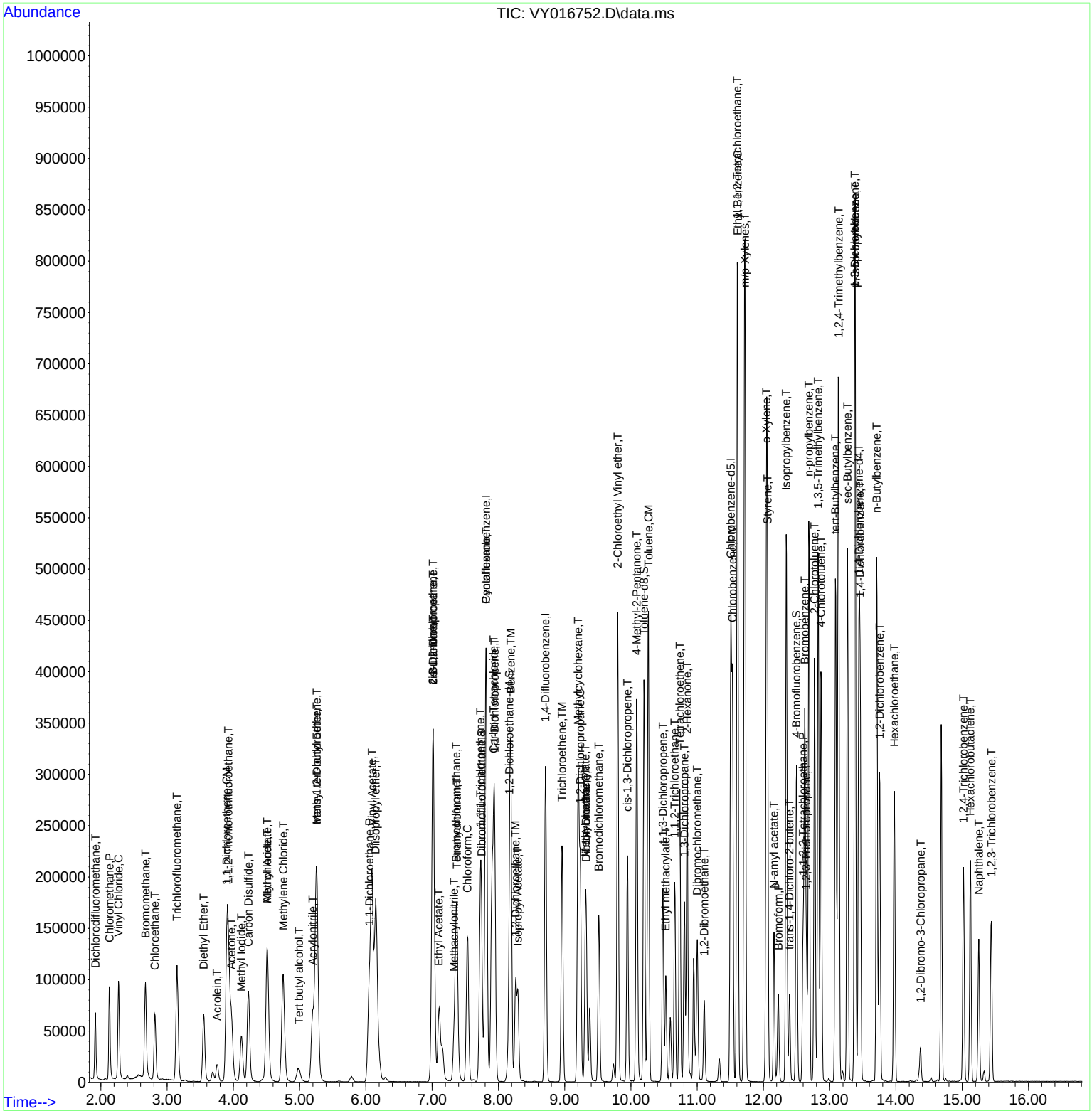
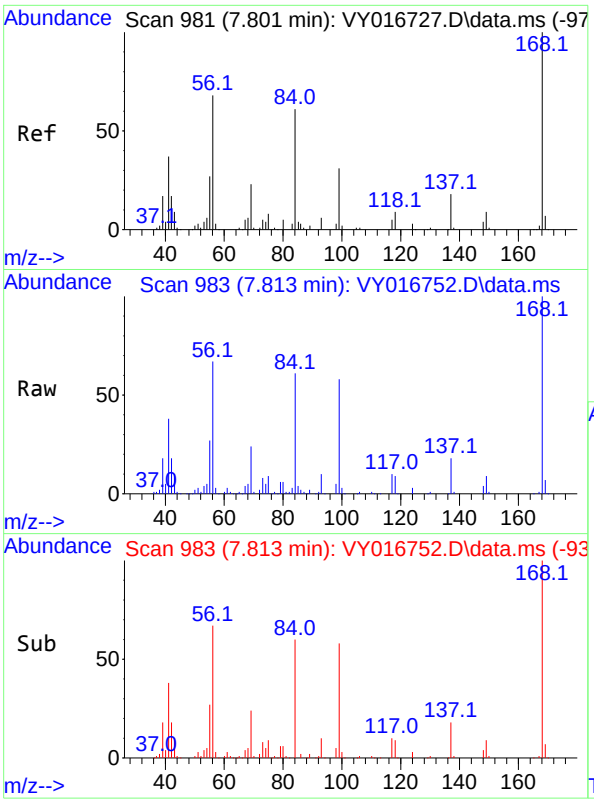
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration



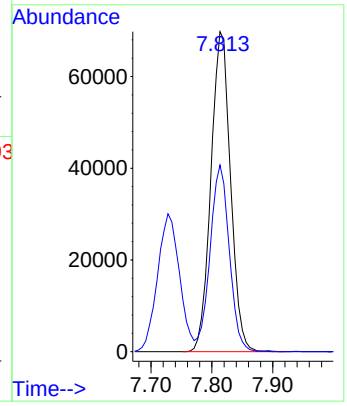


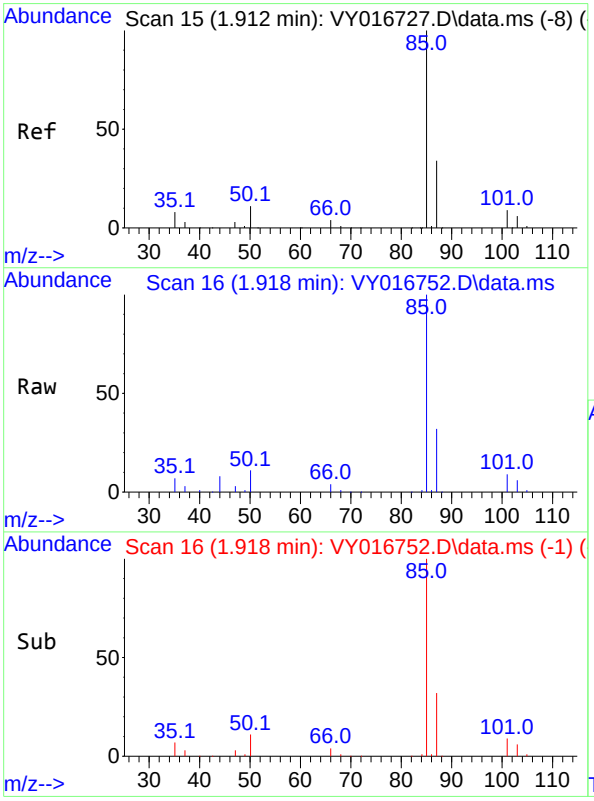
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 9
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 155949

Ion	Ratio	Lower	Upper
168	100		
99	58.3	44.2	66.4

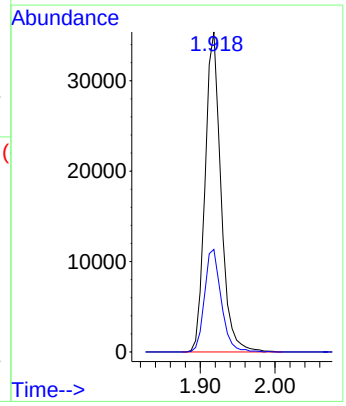


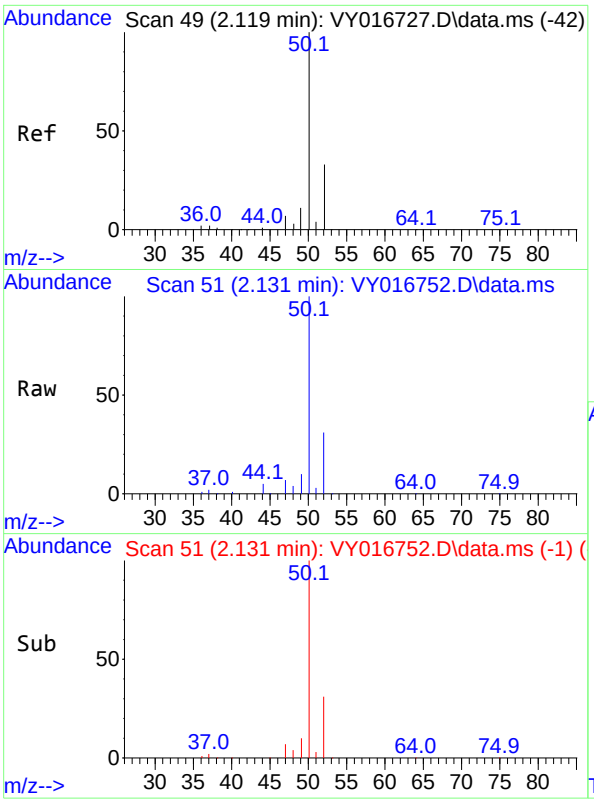


#2
Dichlorodifluoromethane
Concen: 39.113 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 85 Resp: 52127

Ion	Ratio	Lower	Upper
85	100		
87	32.1	17.1	51.3



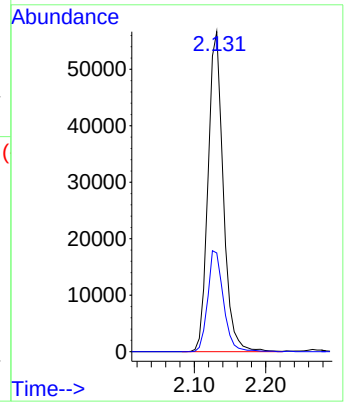


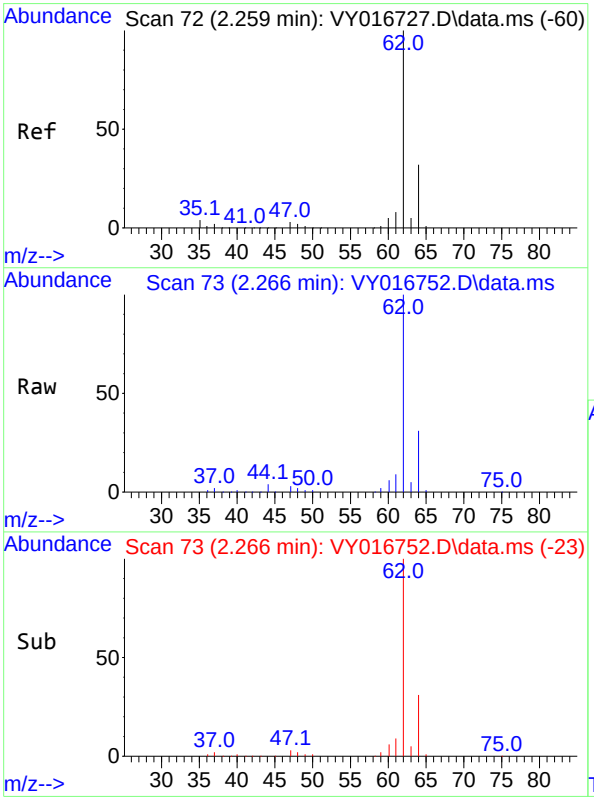
#3
Chloromethane
Concen: 40.869 ug/l
RT: 2.131 min Scan# 5
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 83723

Ion	Ratio	Lower	Upper
50	100		
52	30.8	26.7	40.1

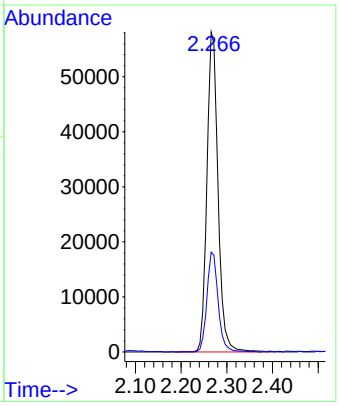


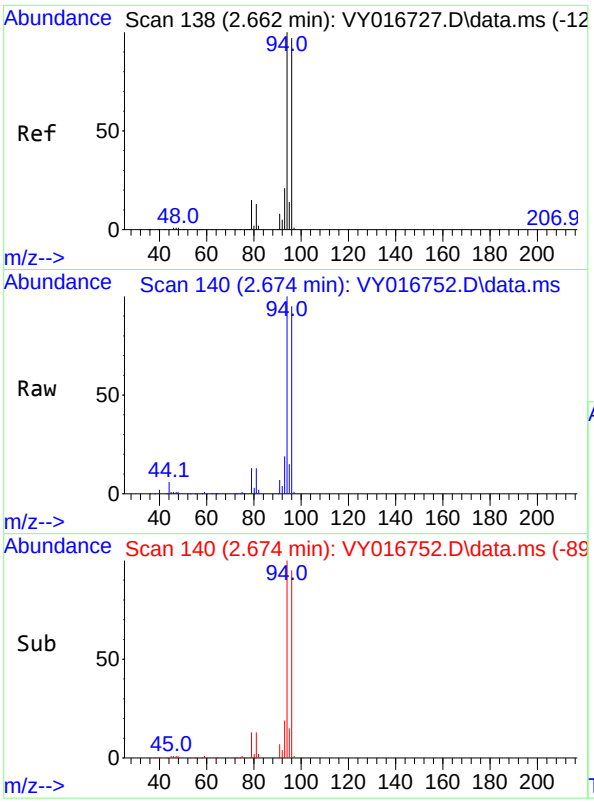


#4
Vinyl Chloride
Concen: 42.416 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 62 Resp: 98146

Ion	Ratio	Lower	Upper
62	100		
64	31.2	25.7	38.5



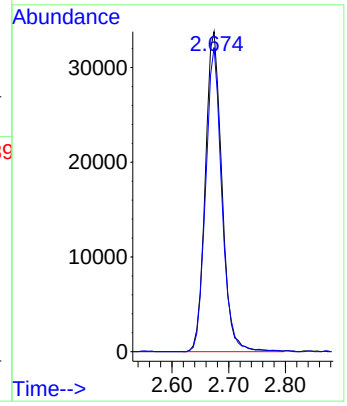


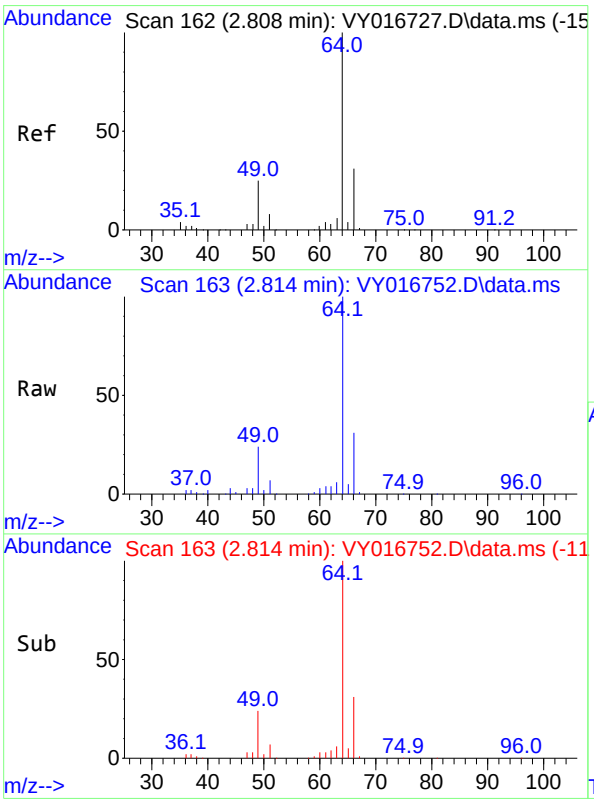
#5
Bromomethane
Concen: 41.702 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 68727

Ion	Ratio	Lower	Upper
94	100		
96	95.1	77.3	115.9

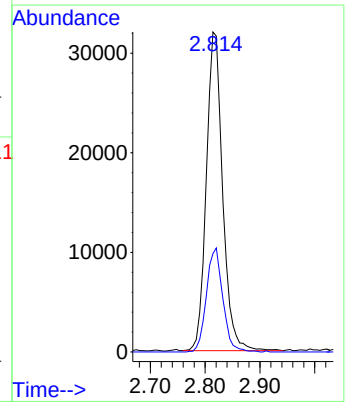


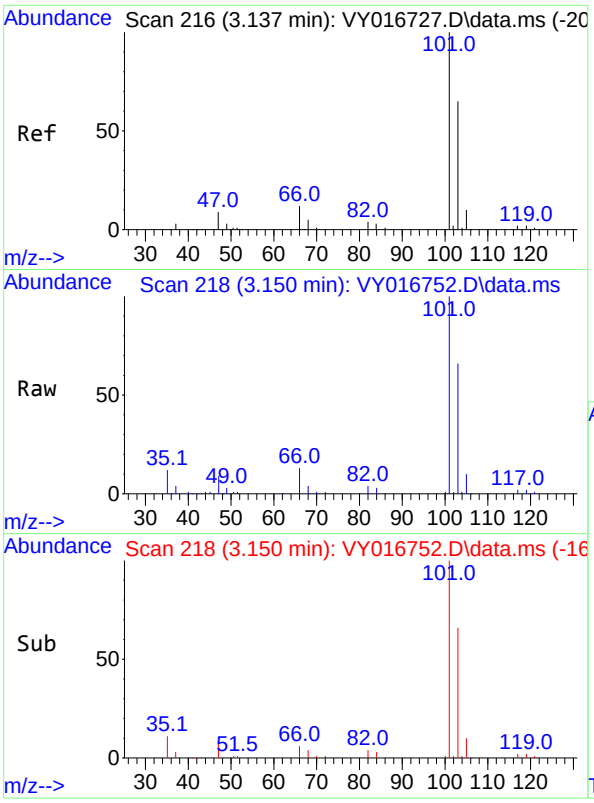


#6
Chloroethane
Concen: 42.084 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 64 Resp: 65985

Ion	Ratio	Lower	Upper
64	100		
66	30.9	25.1	37.7



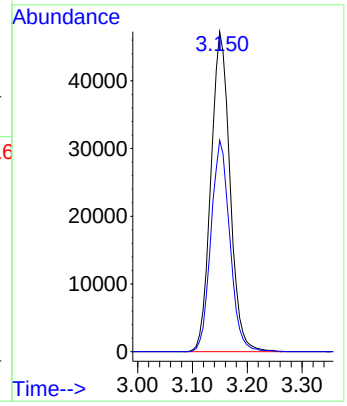


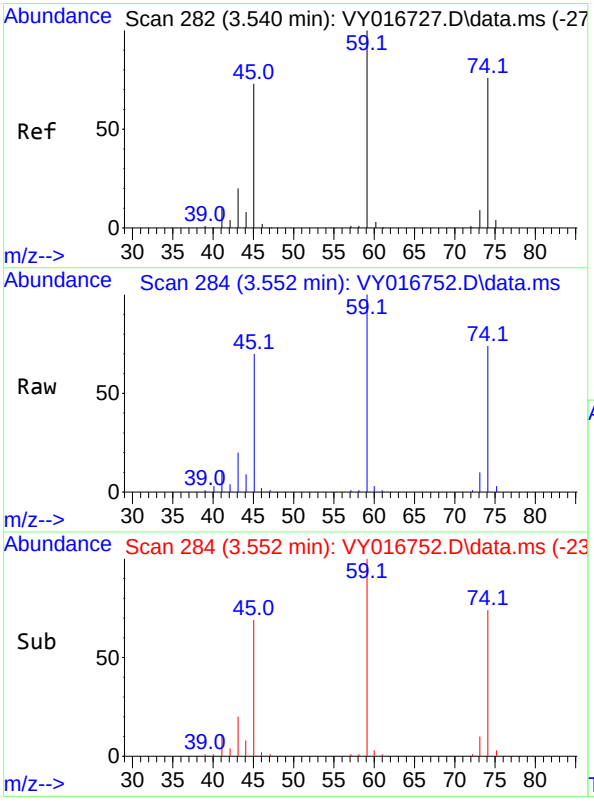
#7
Trichlorofluoromethane
Concen: 42.227 ug/l
RT: 3.150 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 113823

Ion	Ratio	Lower	Upper
101	100		
103	66.1	51.9	77.9

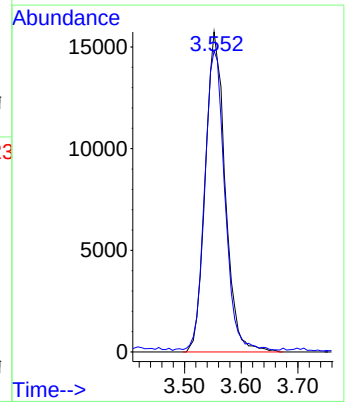


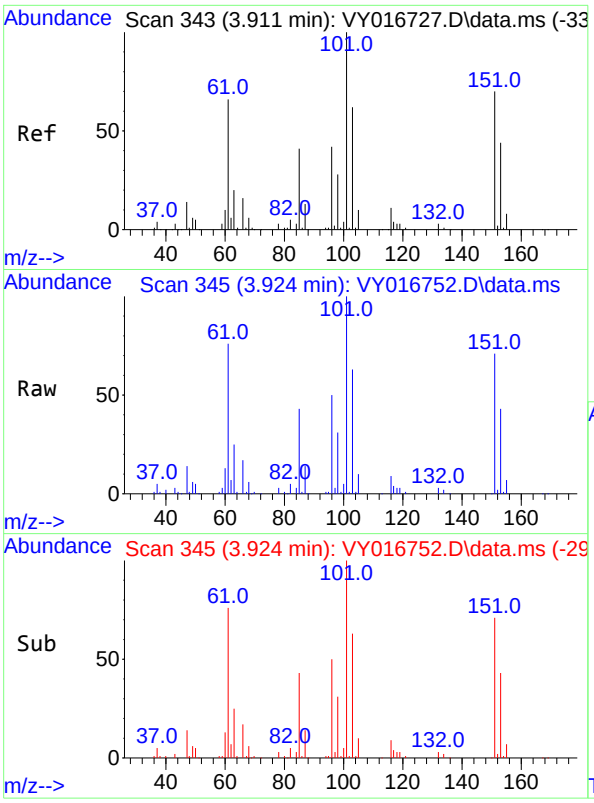


#8
Diethyl Ether
Concen: 44.412 ug/l
RT: 3.552 min Scan# 284
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 74 Resp: 38296

Ion	Ratio	Lower	Upper
74	100		
45	94.1	47.9	143.7



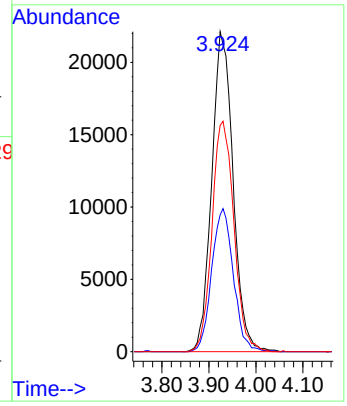


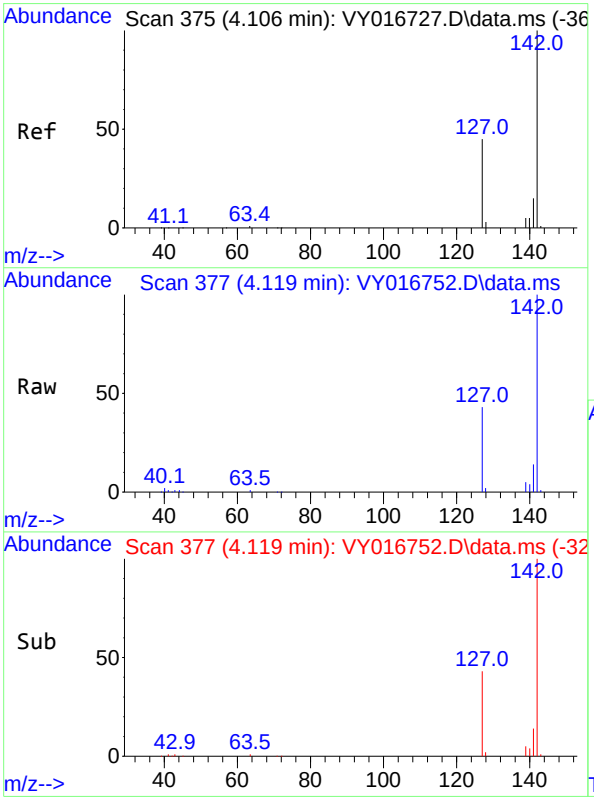
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.164 ug/l
RT: 3.924 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 69719

Ion	Ratio	Lower	Upper
101	100		
85	45.4	35.8	53.6
151	74.2	58.6	88.0

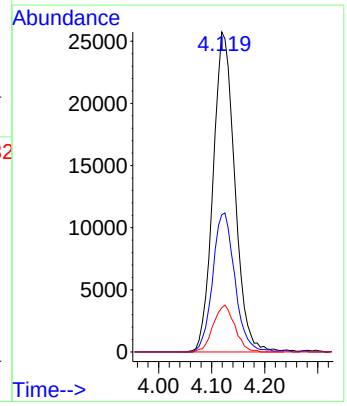


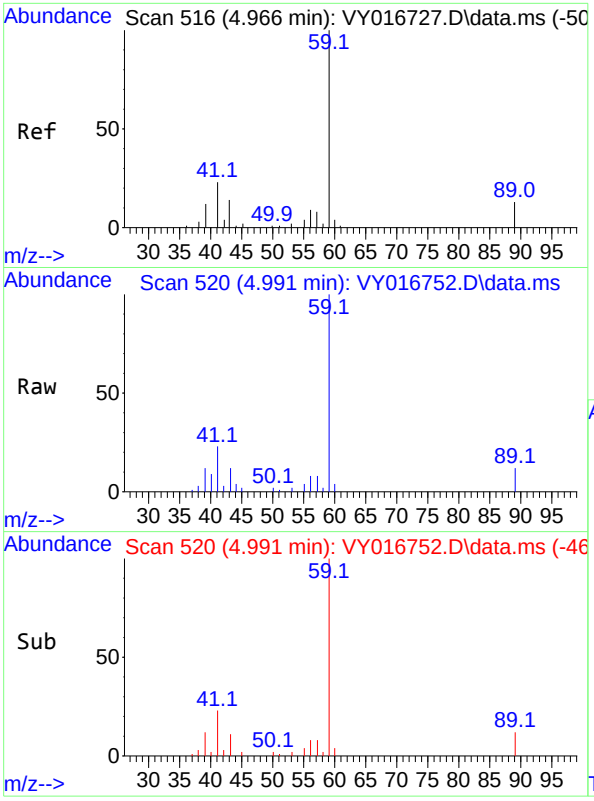


#10
Methyl Iodide
Concen: 42.493 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion:142 Resp: 73217

Ion	Ratio	Lower	Upper
142	100		
127	44.4	35.1	52.7
141	14.6	11.8	17.6



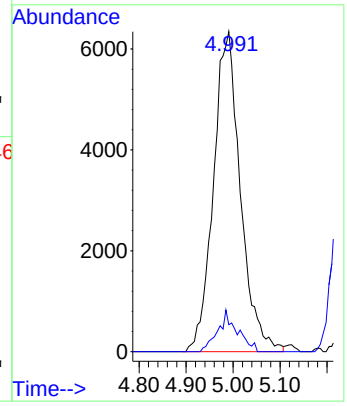


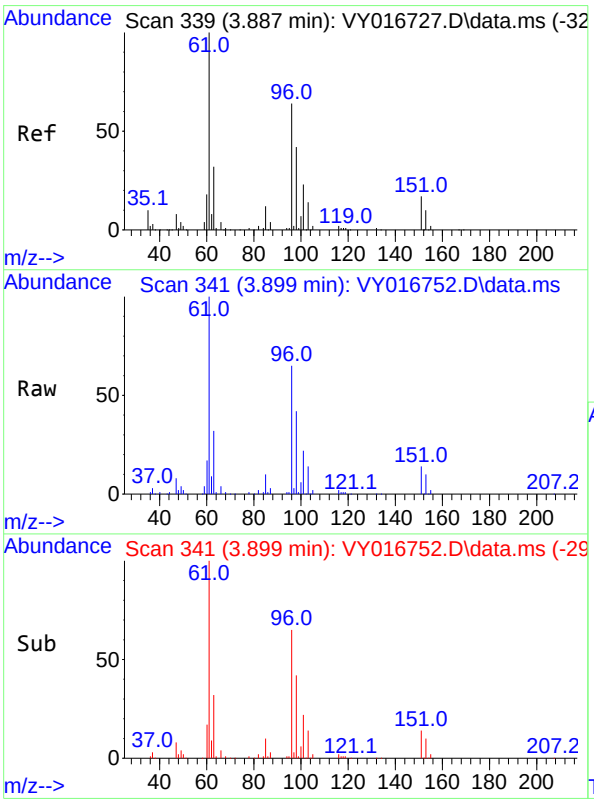
#11
Tert butyl alcohol
Concen: 216.515 ug/l
RT: 4.991 min Scan# 5
Delta R.T. 0.025 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 25273

Ion	Ratio	Lower	Upper
59	100		
57	9.3	7.4	11.0

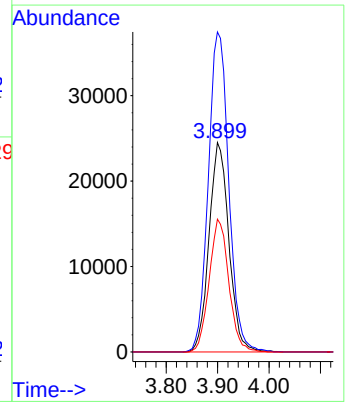


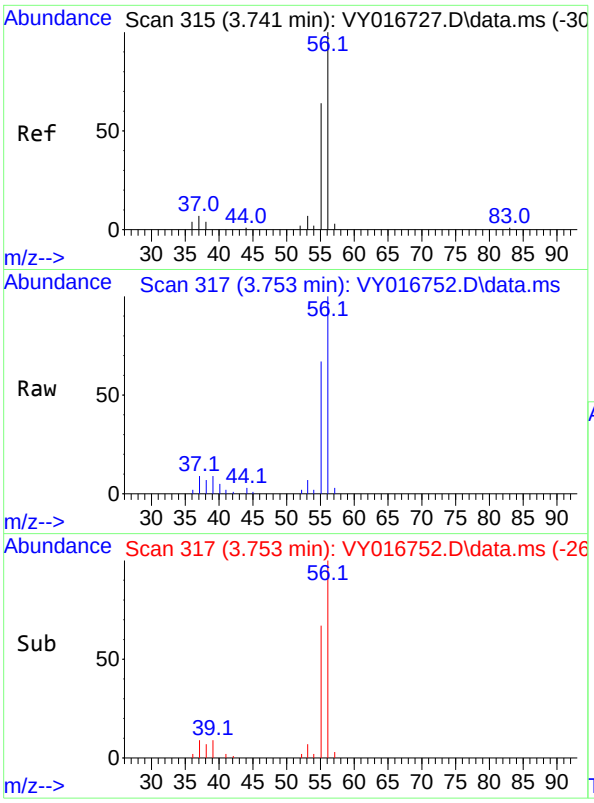


#12
1,1-Dichloroethene
Concen: 44.701 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 96 Resp: 65811

Ion	Ratio	Lower	Upper
96	100		
61	152.8	124.2	186.2
98	63.4	52.6	79.0



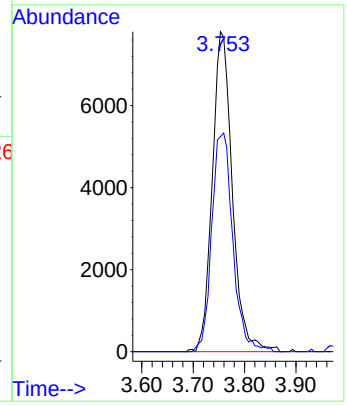


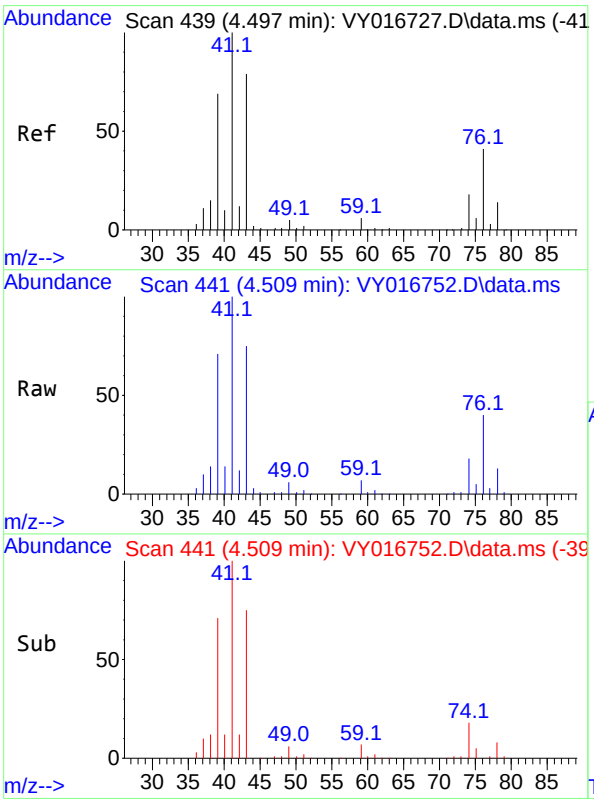
#13
Acrolein
Concen: 234.317 ug/l
RT: 3.753 min Scan# 3
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 21103

Ion	Ratio	Lower	Upper
56	100		
55	71.8	55.4	83.0

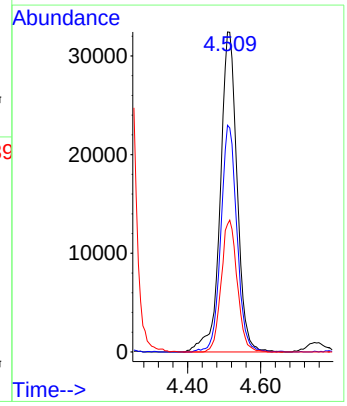


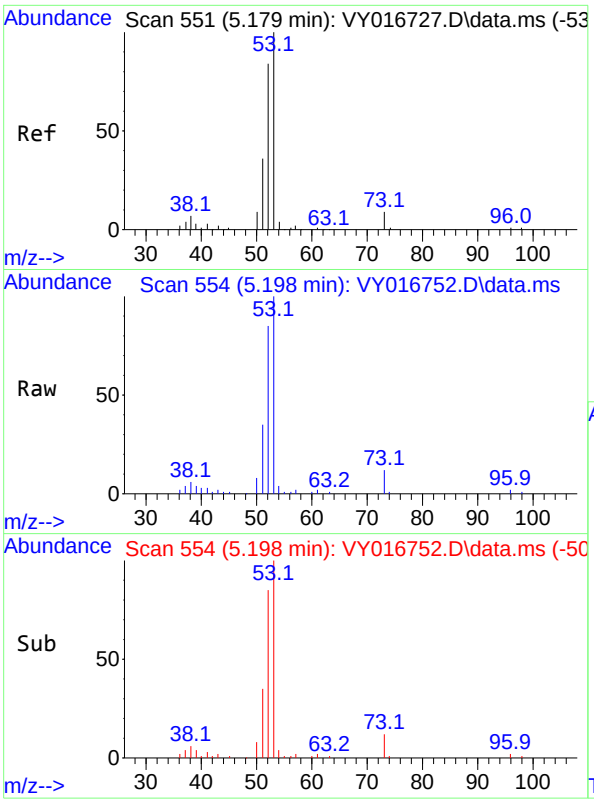


#14
Allyl chloride
Concen: 46.009 ug/l
RT: 4.509 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 41 Resp: 103749

Ion	Ratio	Lower	Upper
41	100		
39	67.7	54.7	82.1
76	39.2	31.8	47.6



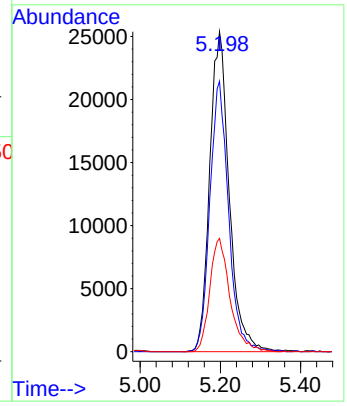


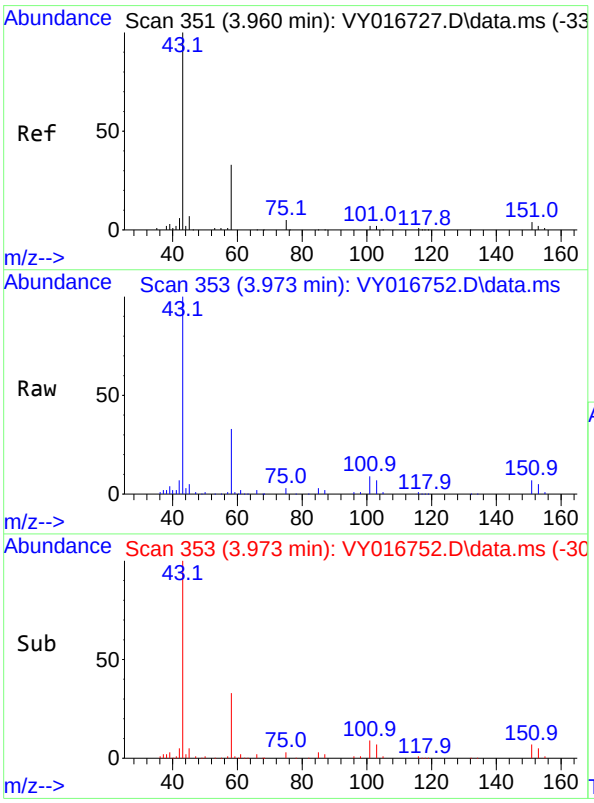
#15
Acrylonitrile
Concen: 234.572 ug/l
RT: 5.198 min Scan# 5
Delta R.T. 0.019 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 53 Resp: 85658

Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.1	97.7
51	36.8	29.0	43.4

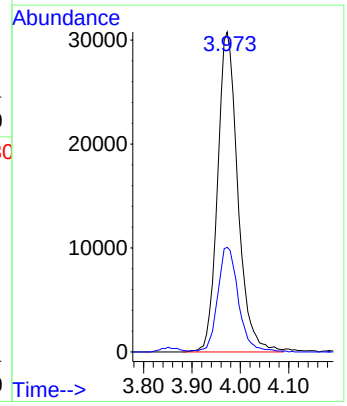


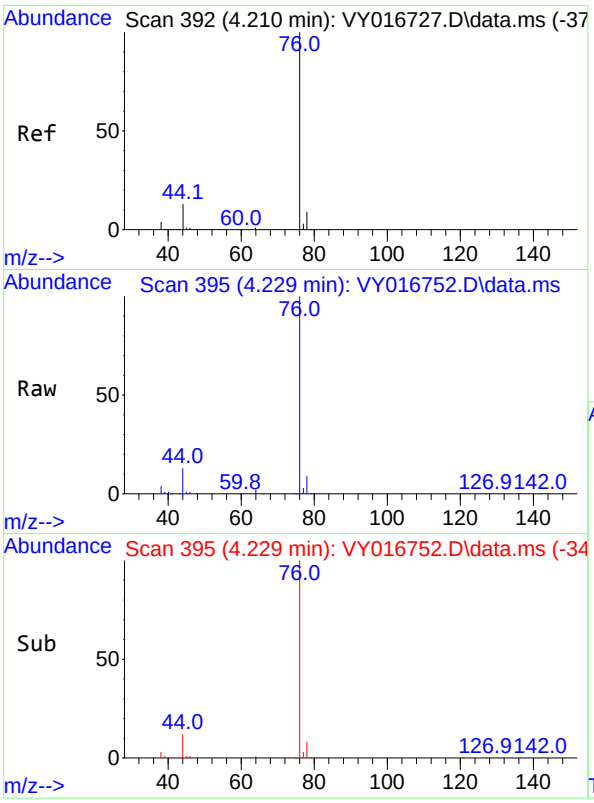


#16
Acetone
Concen: 232.545 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 43 Resp: 89523

Ion	Ratio	Lower	Upper
43	100		
58	32.4	26.6	39.8



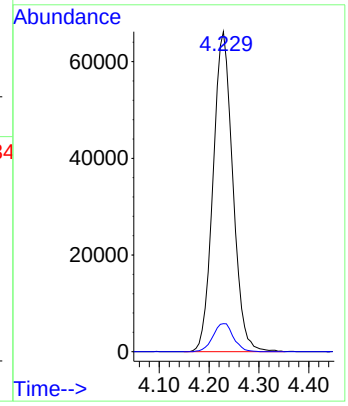


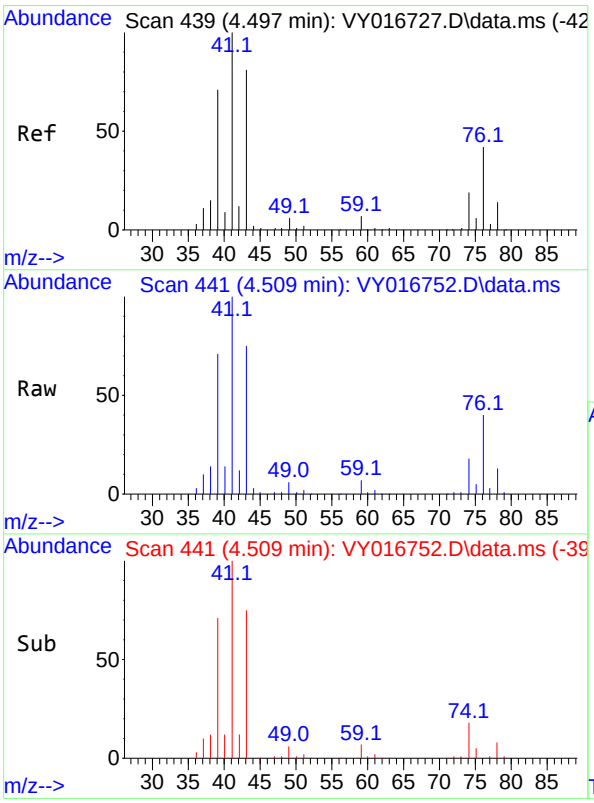
#17
Carbon Disulfide
Concen: 45.367 ug/l
RT: 4.229 min Scan# 3
Delta R.T. 0.019 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 181735

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.0

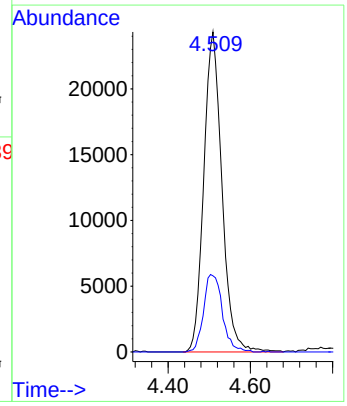


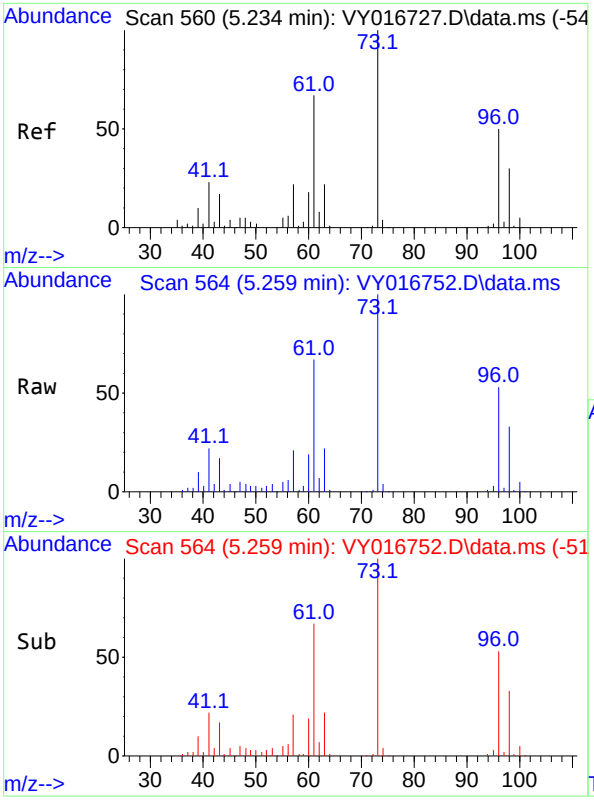


#18
Methyl Acetate
Concen: 49.537 ug/l
RT: 4.509 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 43 Resp: 74527

Ion	Ratio	Lower	Upper
43	100		
74	25.1	19.8	29.6



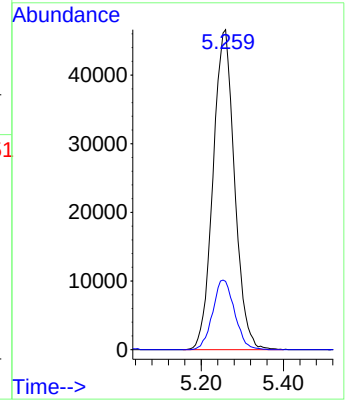


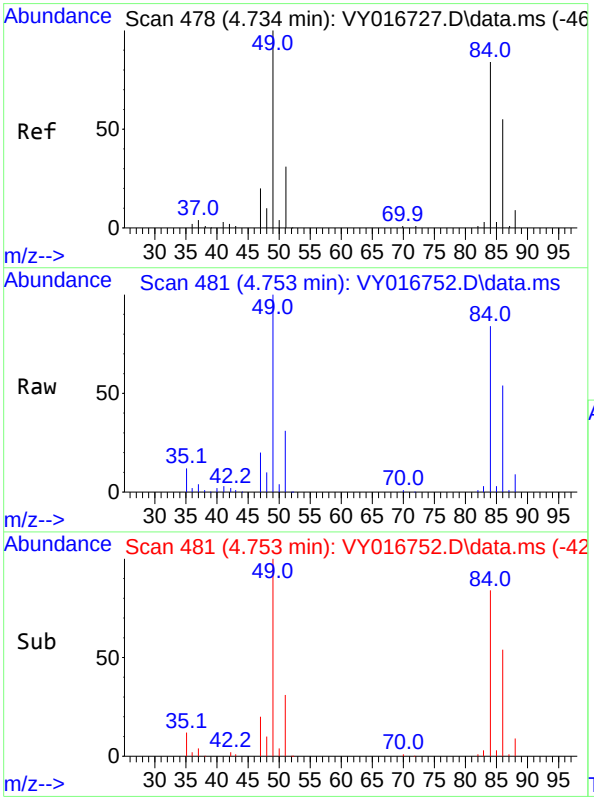
#19
Methyl tert-butyl Ether
Concen: 44.698 ug/l
RT: 5.259 min Scan# 5
Delta R.T. 0.025 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 73 Resp: 169322

Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.7	26.5

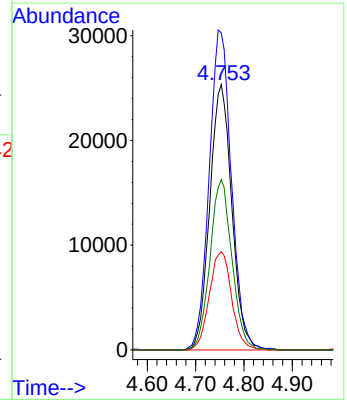


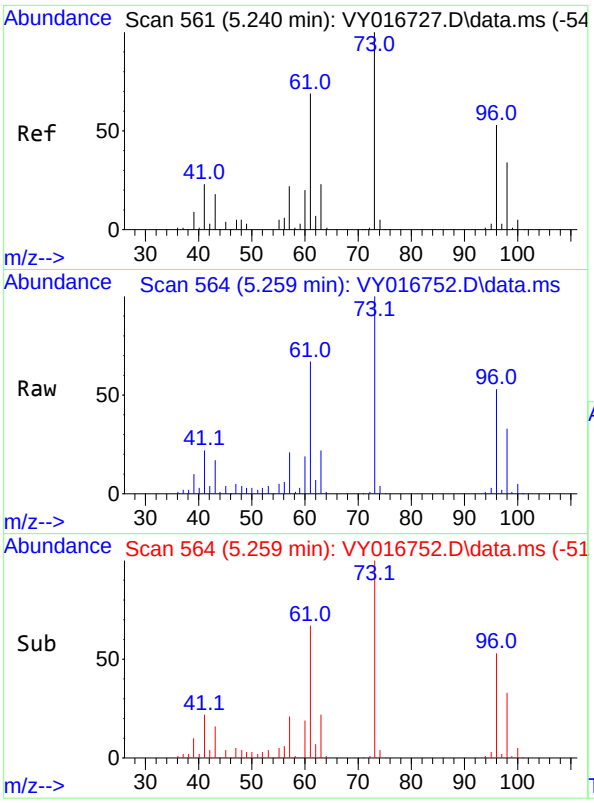


#20
Methylene Chloride
Concen: 40.545 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.019 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 84 Resp: 80466

Ion	Ratio	Lower	Upper
84	100		
49	119.5	95.2	142.8
51	37.0	29.9	44.9
86	64.2	52.2	78.4



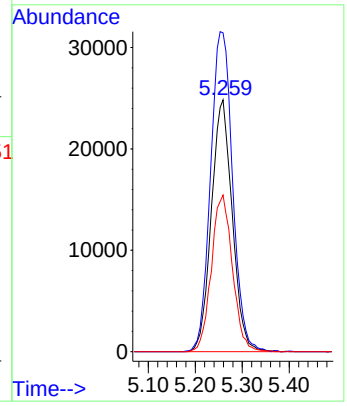


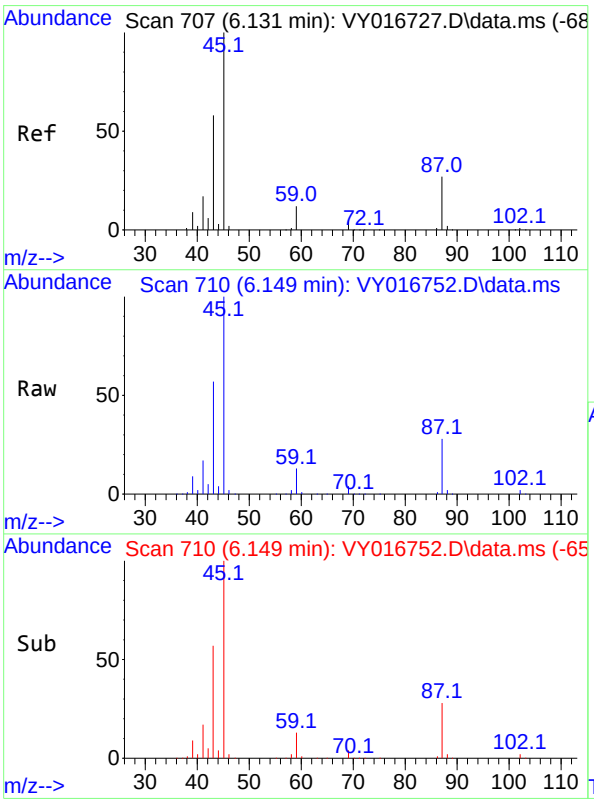
#21
trans-1,2-Dichloroethene
Concen: 45.687 ug/l
RT: 5.259 min Scan# 5
Delta R.T. 0.019 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 76713

Ion	Ratio	Lower	Upper
96	100		
61	126.6	104.6	156.8
98	62.2	50.9	76.3

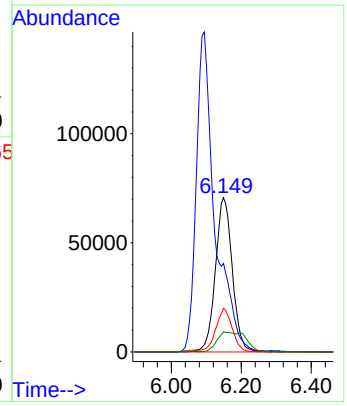


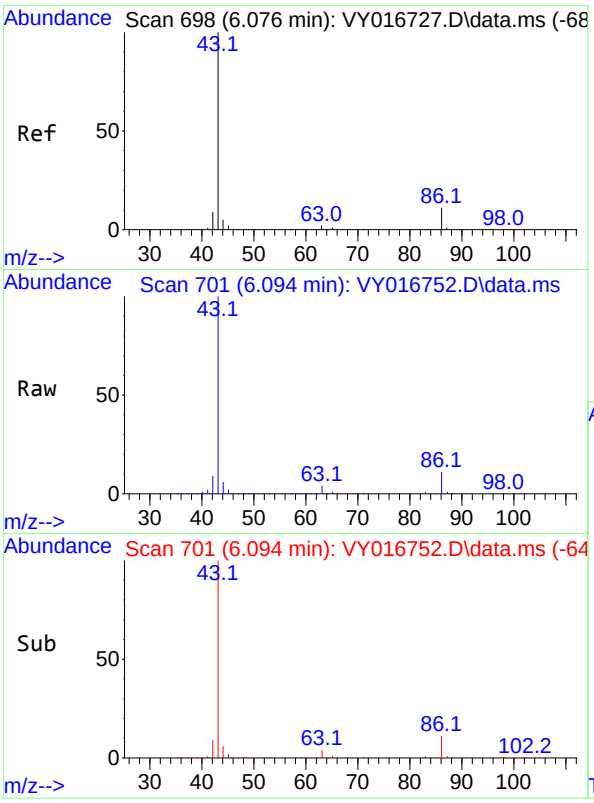


#22
Diisopropyl ether
Concen: 46.573 ug/l
RT: 6.149 min Scan# 710
Delta R.T. 0.019 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 45 Resp: 237600

Ion	Ratio	Lower	Upper
45	100		
43	56.8	46.8	70.2
87	28.4	22.2	33.2
59	12.9	9.9	14.9



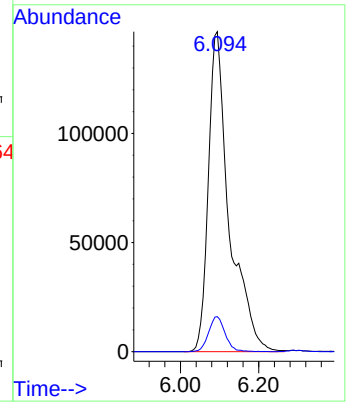


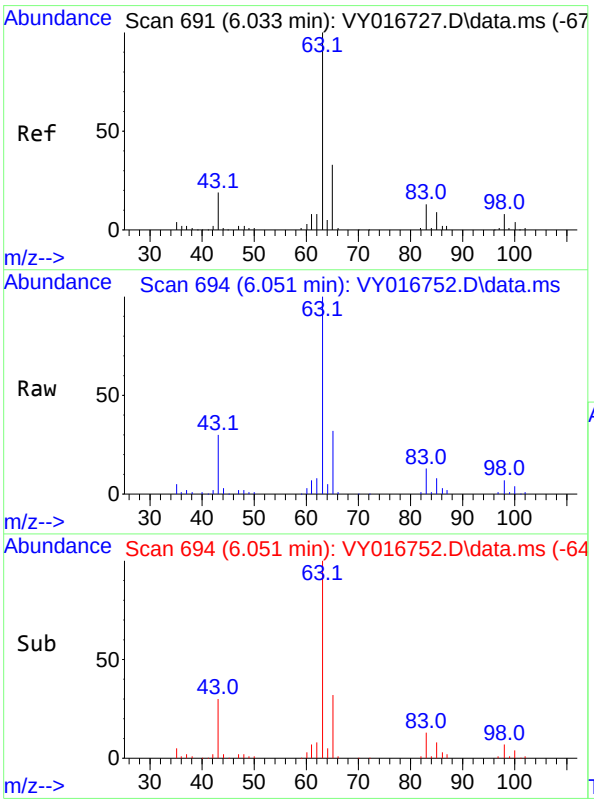
#23
Vinyl Acetate
Concen: 224.917 ug/l
RT: 6.094 min Scan# 7
Delta R.T. 0.018 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 542690

Ion	Ratio	Lower	Upper
43	100		
86	11.0	8.6	13.0

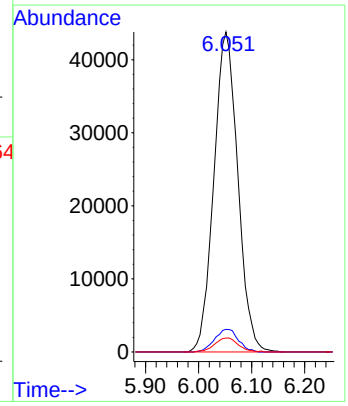


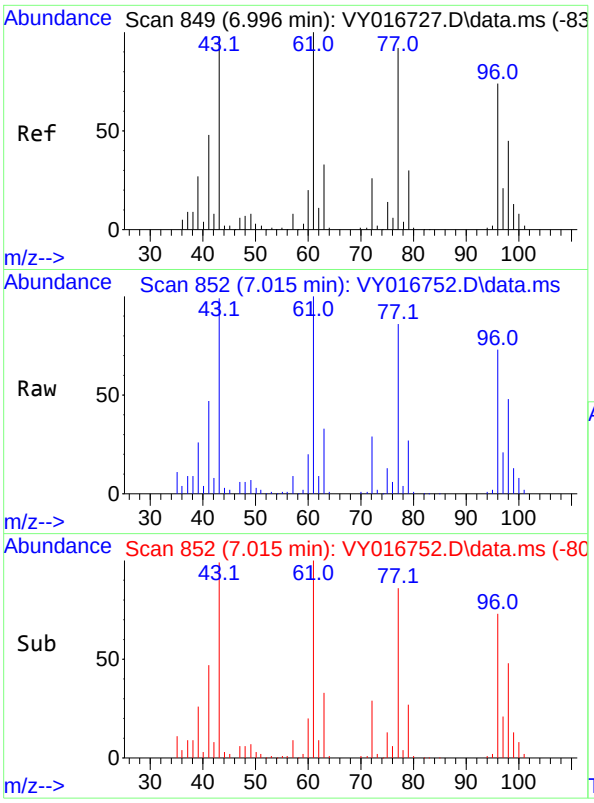


#24
1,1-Dichloroethane
Concen: 44.795 ug/l
RT: 6.051 min Scan# 694
Delta R.T. 0.019 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 63 Resp: 137280

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.8	11.4
100	4.4	2.1	6.2



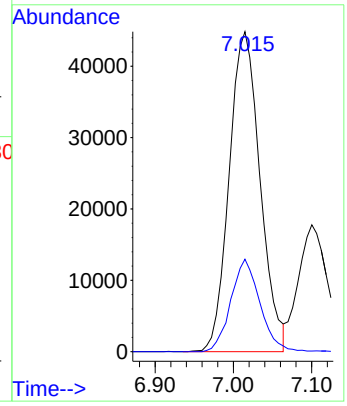


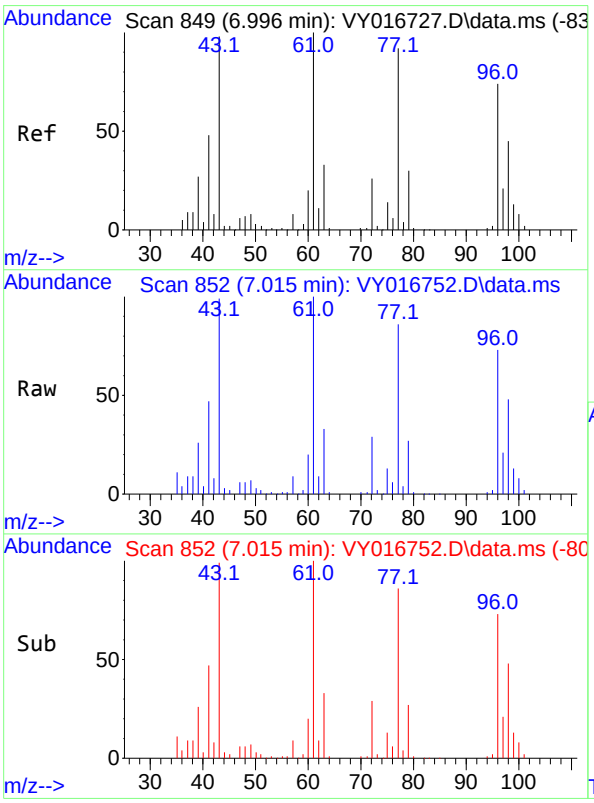
#25
2-Butanone
Concen: 232.066 ug/l
RT: 7.015 min Scan# 8
Delta R.T. 0.019 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 123003

Ion	Ratio	Lower	Upper
43	100		
72	28.9	21.4	32.2

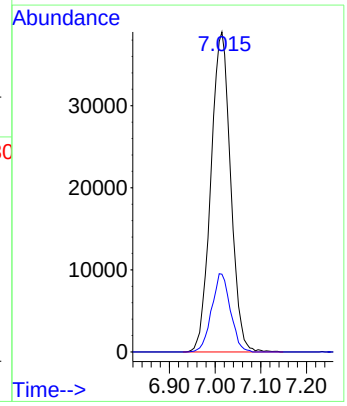


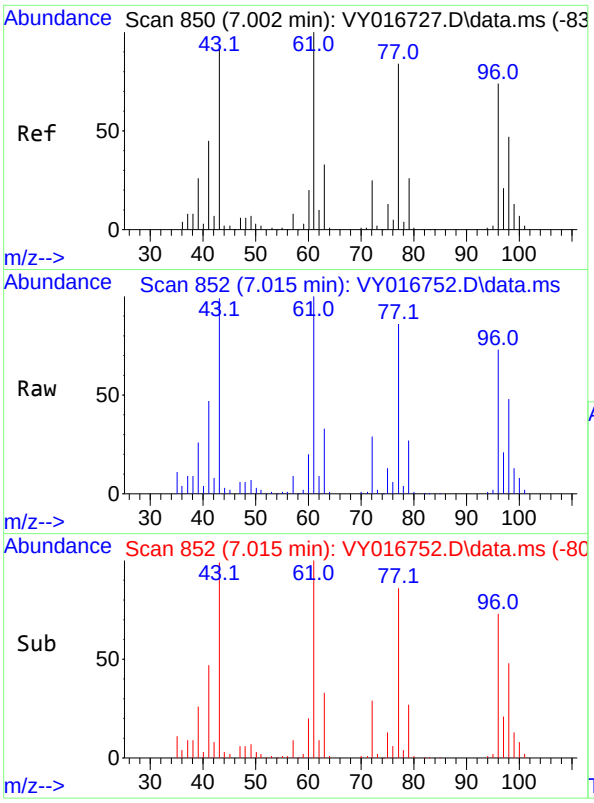


#26
2,2-Dichloropropane
Concen: 43.741 ug/l
RT: 7.015 min Scan# 852
Delta R.T. 0.019 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 77 Resp: 116978

Ion	Ratio	Lower	Upper
77	100		
97	23.2	11.7	35.0



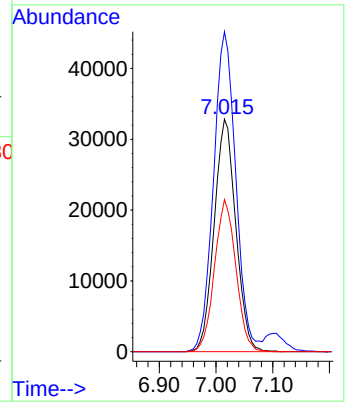


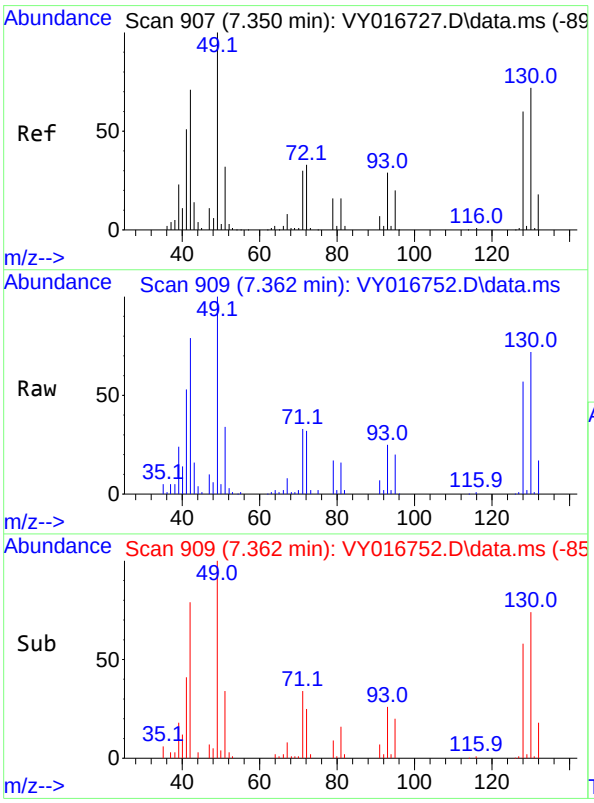
#27
cis-1,2-Dichloroethene
Concen: 45.115 ug/l
RT: 7.015 min Scan# 8
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 87182

Ion	Ratio	Lower	Upper
96	100		
61	142.0	0.0	278.8
98	64.6	0.0	127.0

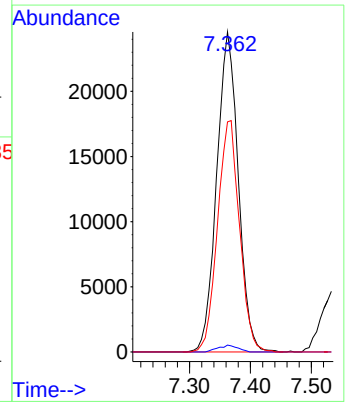


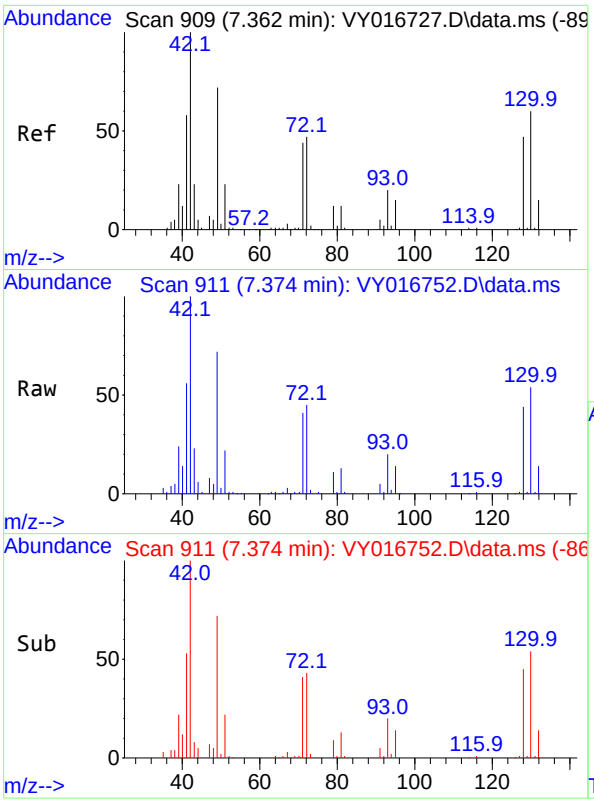


#28
Bromochloromethane
Concen: 49.807 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 49 Resp: 60413

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	73.8	59.8	89.8



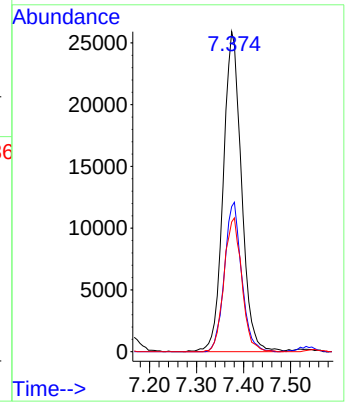


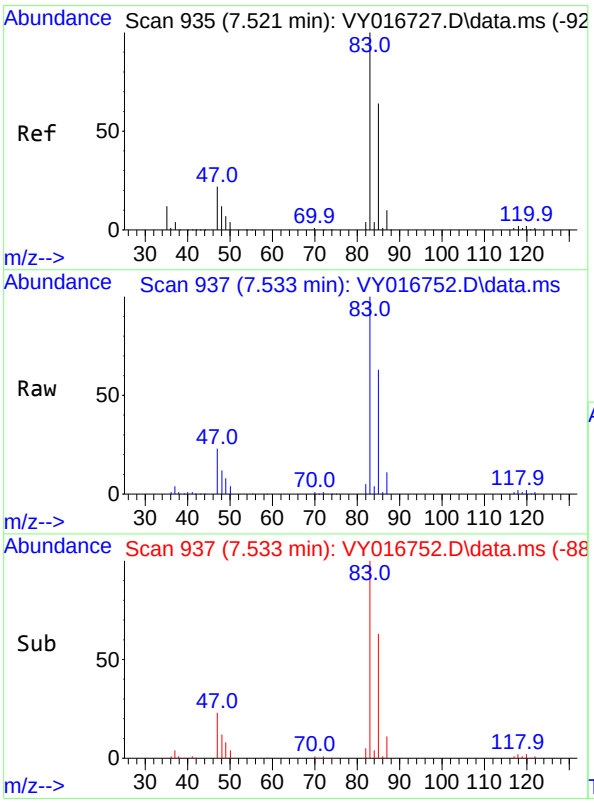
#29
Tetrahydrofuran
Concen: 241.483 ug/l
RT: 7.374 min Scan# 9
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 42 Resp: 69987

Ion	Ratio	Lower	Upper
42	100		
72	44.0	36.6	54.8
71	40.8	33.8	50.6

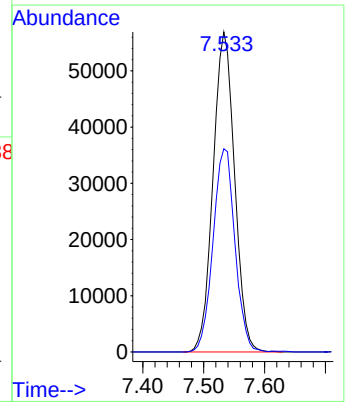


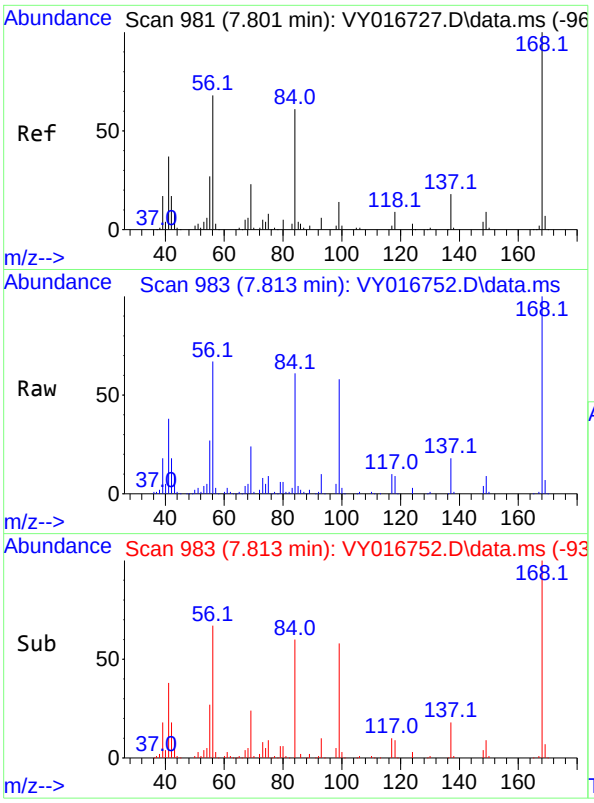


#30
Chloroform
Concen: 44.545 ug/l
RT: 7.533 min Scan# 937
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 83 Resp: 139748

Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.2	76.8



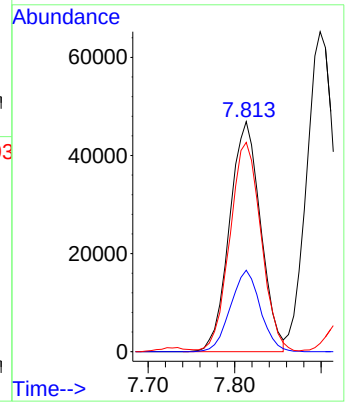


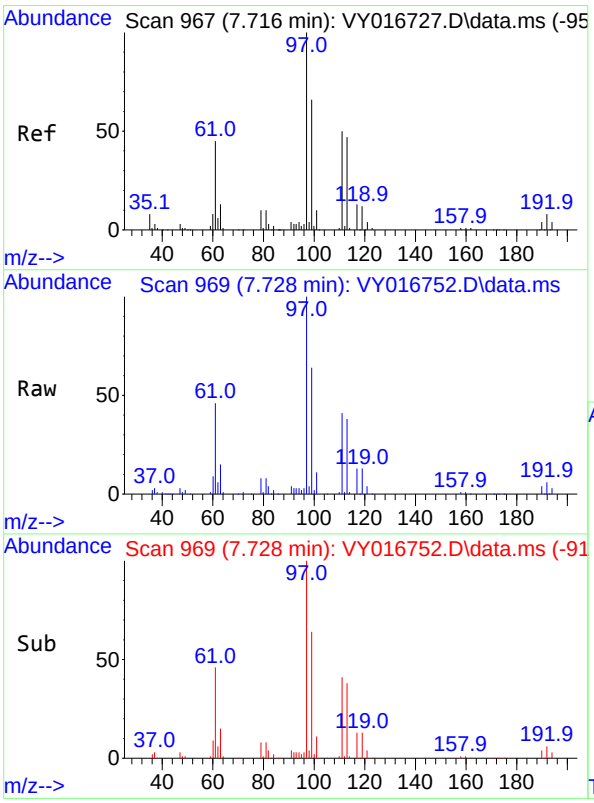
#31
Cyclohexane
Concen: 42.905 ug/l
RT: 7.813 min Scan# 9
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 117029

Ion	Ratio	Lower	Upper
56	100		
69	35.4	27.0	40.6
84	89.9	71.8	107.6

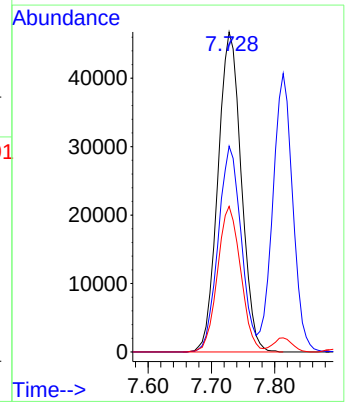


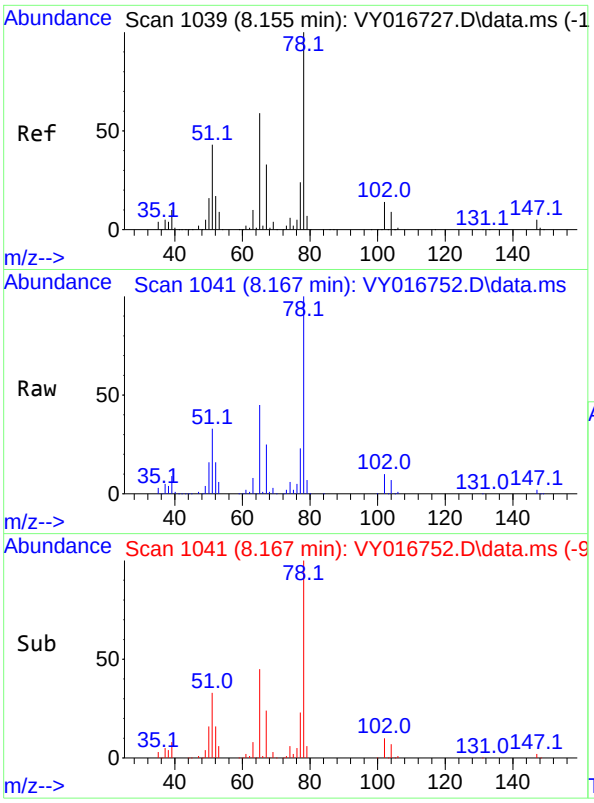


#32
1,1,1-Trichloroethane
Concen: 43.433 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 97 Resp: 119608

Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.2	76.8
61	45.2	35.0	52.6



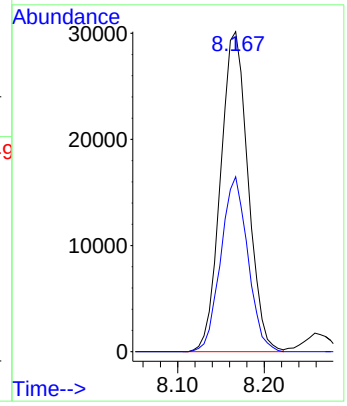


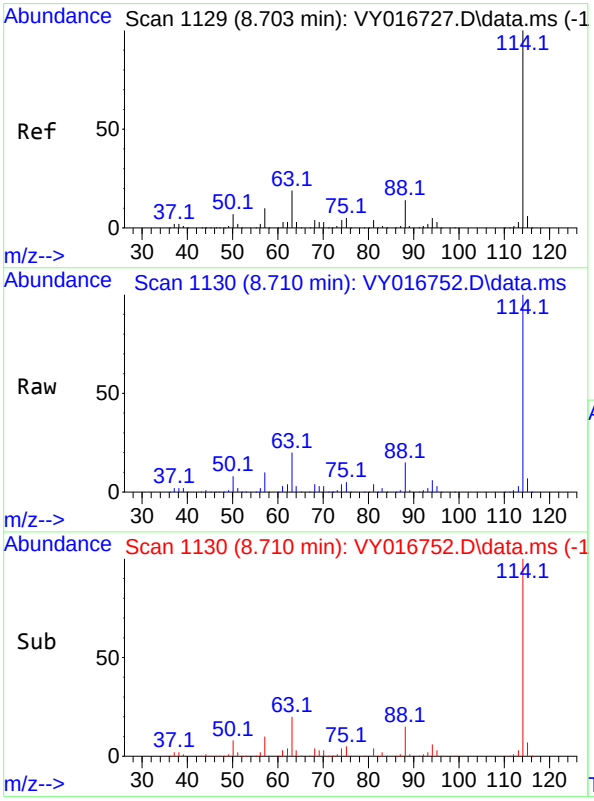
#33
1,2-Dichloroethane-d4
Concen: 46.686 ug/l
RT: 8.167 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 66465

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	109.0

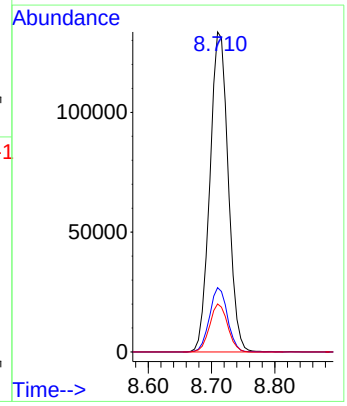


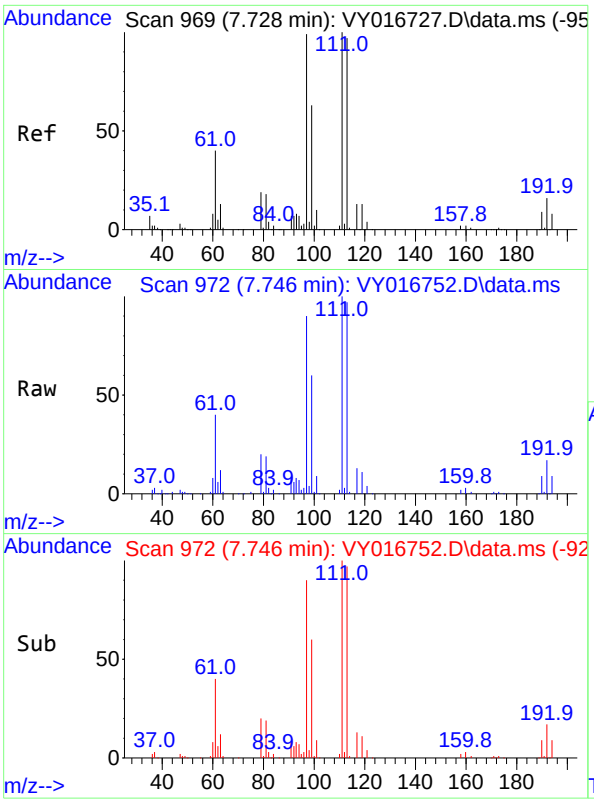


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.710 min Scan# 1130
Delta R.T. 0.007 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion:114 Resp: 268721

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	37.4
88	15.0	0.0	29.0



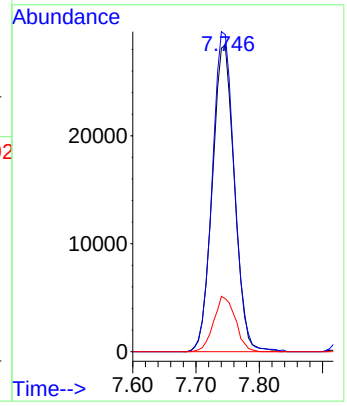


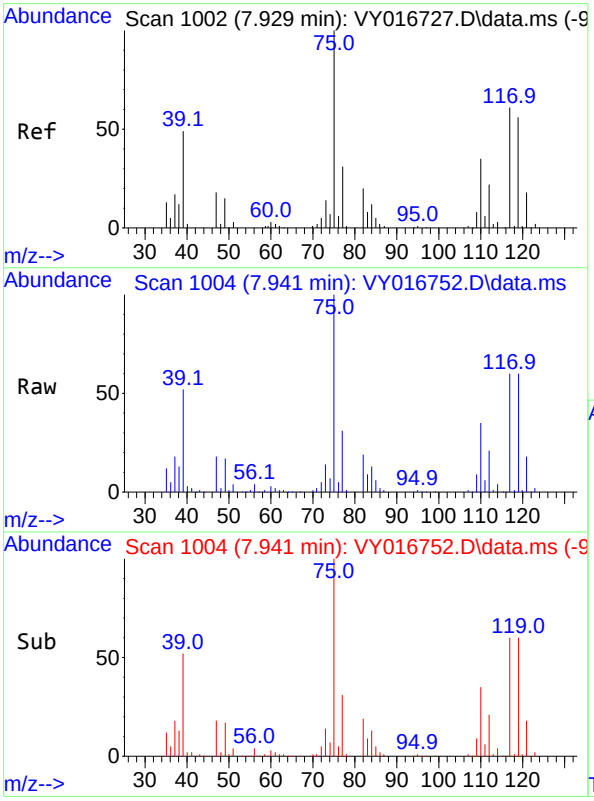
#35
Dibromofluoromethane
Concen: 44.726 ug/l
RT: 7.746 min Scan# 9
Delta R.T. 0.019 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 68847

Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.8	125.6
192	17.7	14.5	21.7

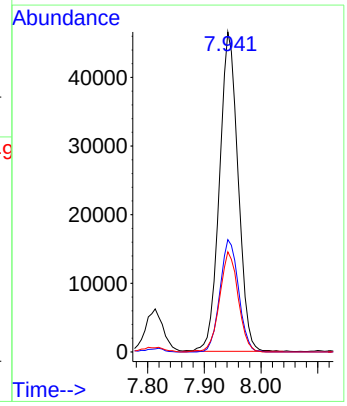


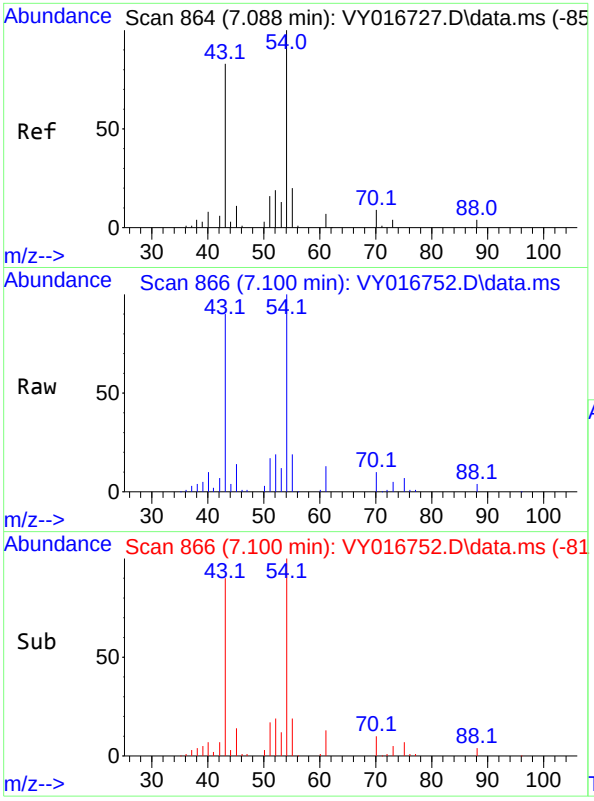


#36
1,1-Dichloropropene
Concen: 42.987 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 75 Resp: 106080

Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.4	52.3
77	31.3	24.7	37.1



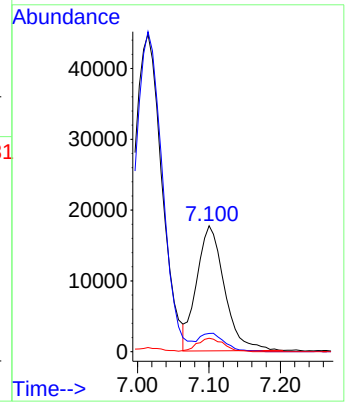


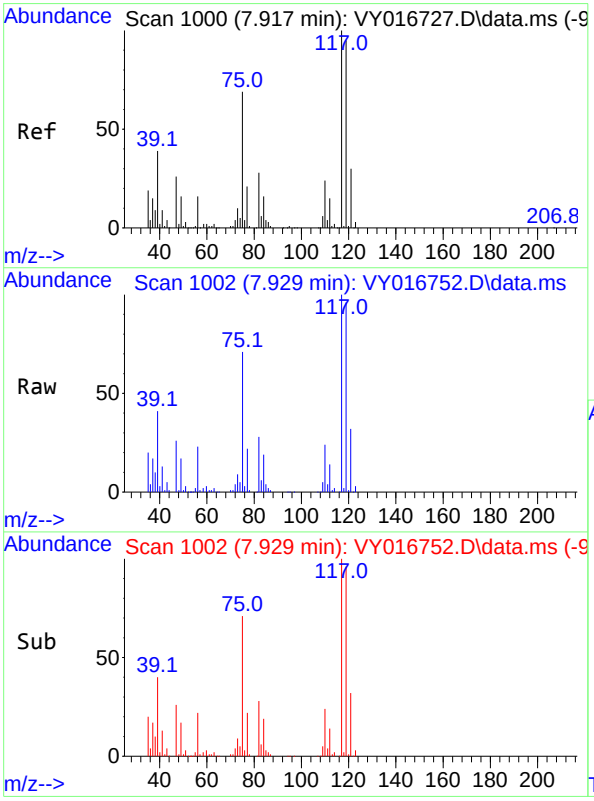
#37
Ethyl Acetate
Concen: 45.004 ug/l
RT: 7.100 min Scan# 8
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 47602

Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.0	16.6
70	10.3	8.1	12.1

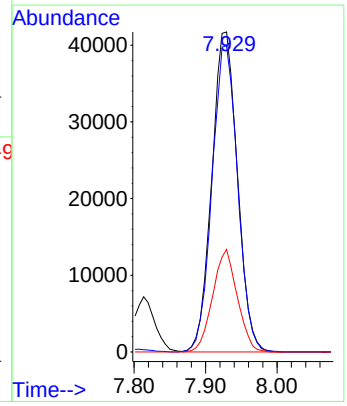


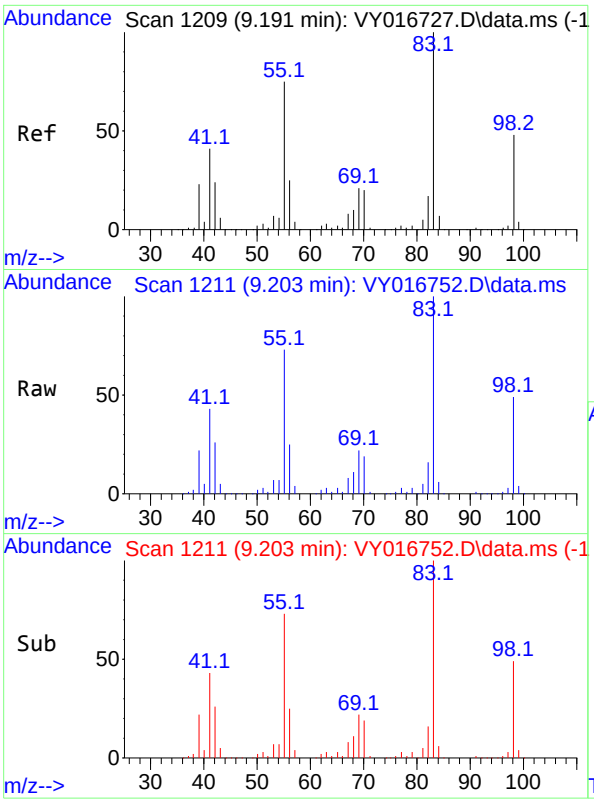


#38
Carbon Tetrachloride
Concen: 42.484 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion:117 Resp: 103742

Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.0	114.0
121	32.1	24.2	36.2



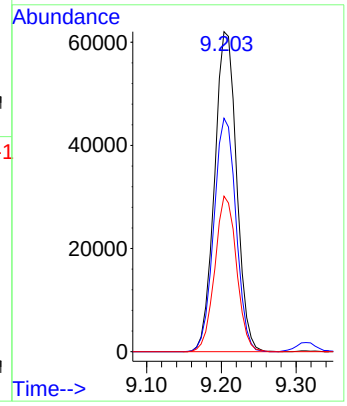


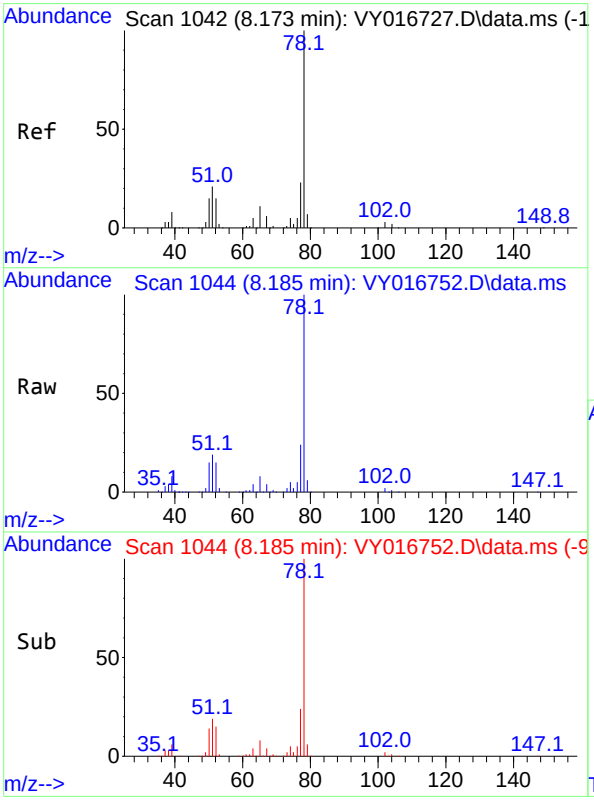
#39
Methylcyclohexane
Concen: 44.603 ug/l
RT: 9.203 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 127083

Ion	Ratio	Lower	Upper
83	100		
55	72.9	59.7	89.5
98	48.6	38.0	57.0

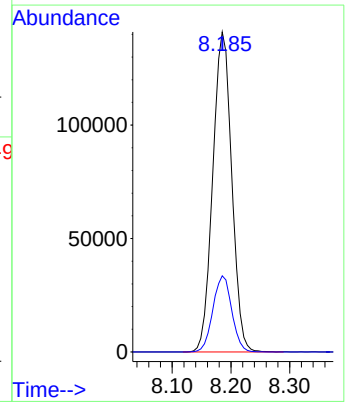


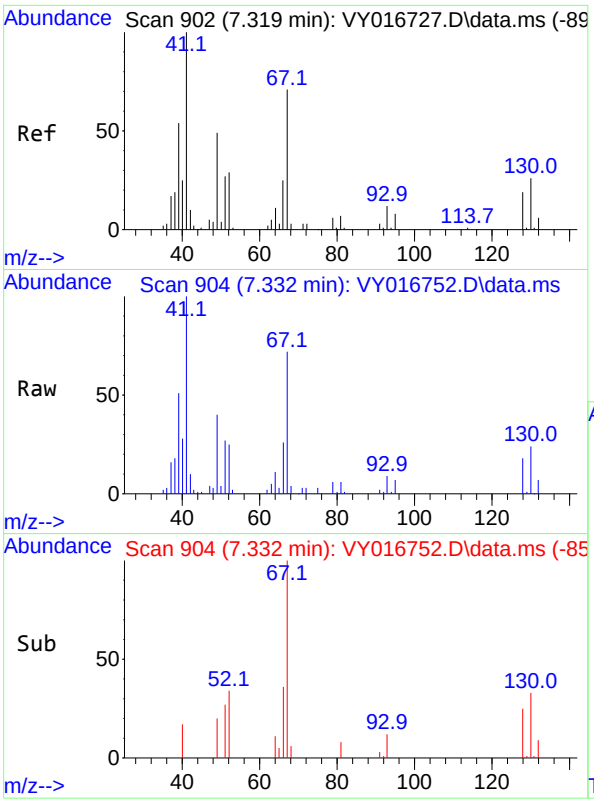


#40
Benzene
Concen: 44.033 ug/l
RT: 8.185 min Scan# 1044
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 78 Resp: 316210

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2



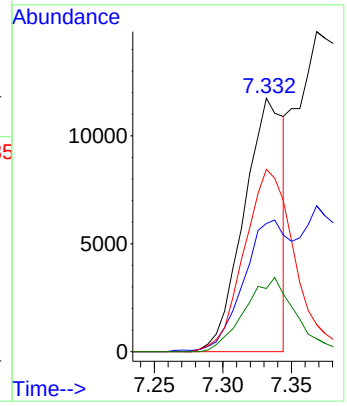


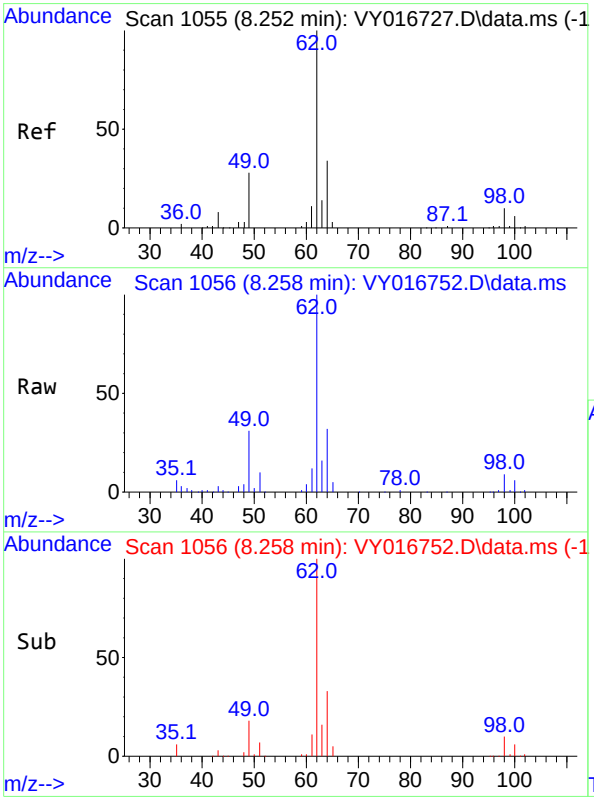
#41
Methacrylonitrile
Concen: 42.145 ug/l
RT: 7.332 min Scan# 9
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 23668

Ion	Ratio	Lower	Upper
41	100		
39	60.7	41.9	62.9
67	91.4	59.8	89.6#
52	37.5	24.8	37.2#

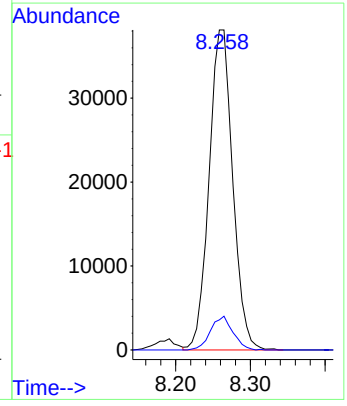


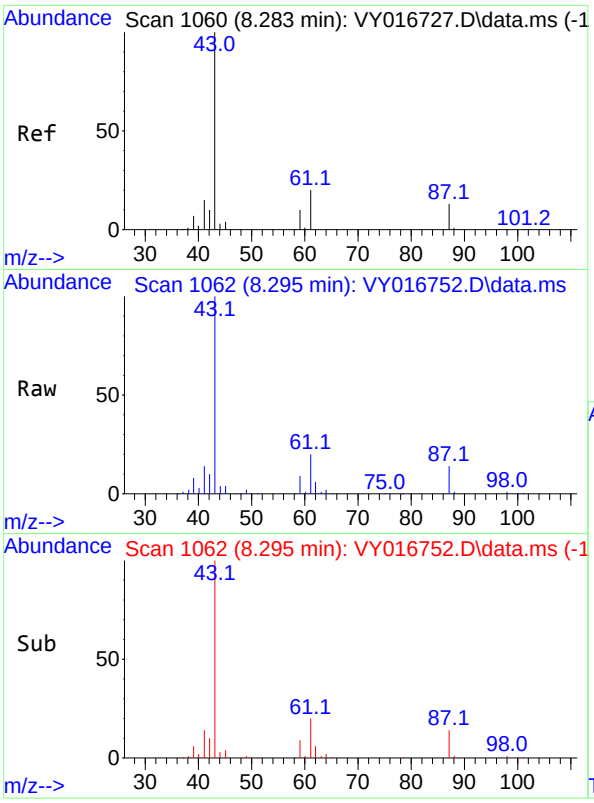


#42
1,2-Dichloroethane
Concen: 44.740 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 62 Resp: 83821

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2



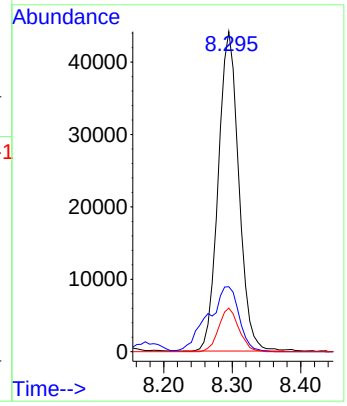


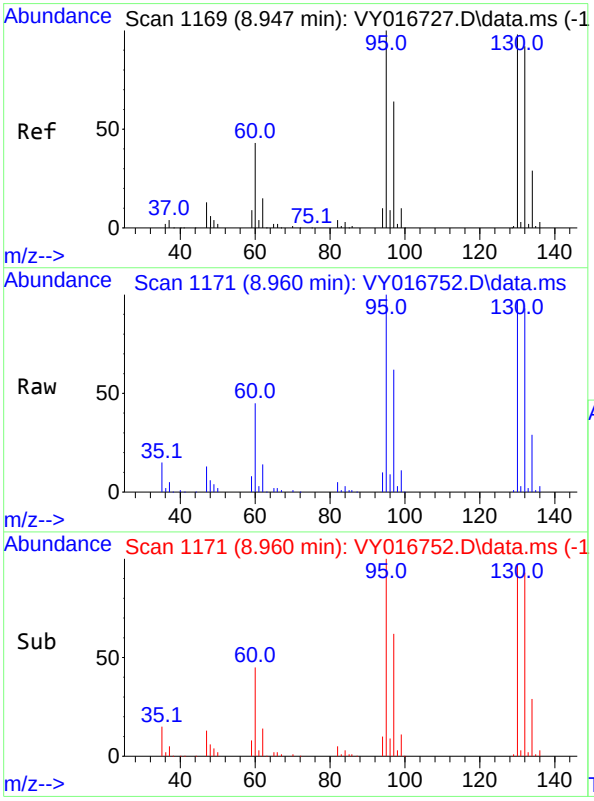
#43
Isopropyl Acetate
Concen: 44.554 ug/l
RT: 8.295 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 91530

Ion	Ratio	Lower	Upper
43	100		
61	30.8	24.8	37.2
87	13.4	10.7	16.1

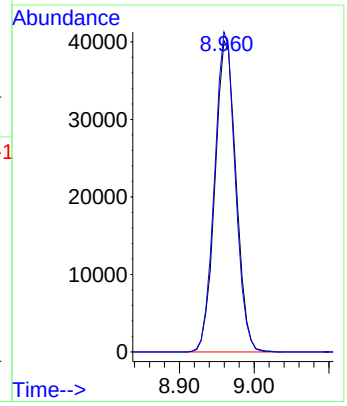


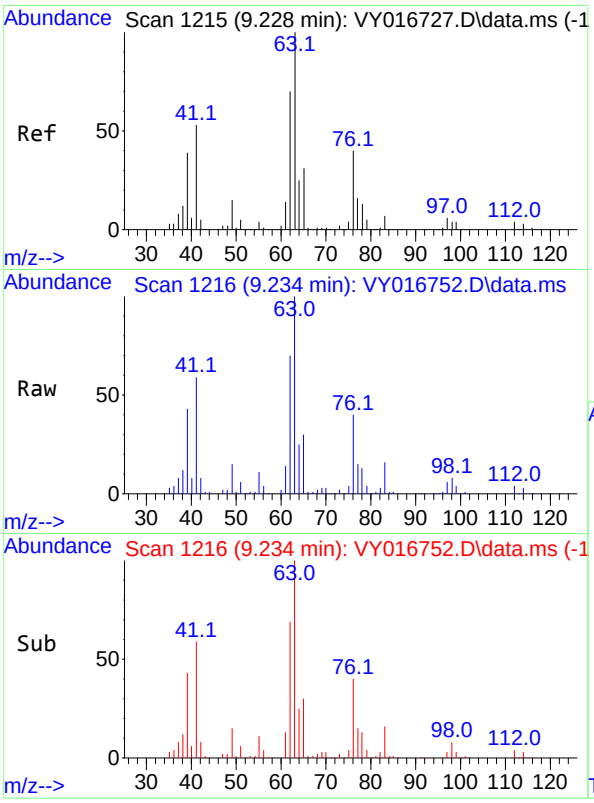


#44
Trichloroethene
Concen: 43.090 ug/l
RT: 8.960 min Scan# 1171
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion:130 Resp: 78978

Ion	Ratio	Lower	Upper
130	100		
95	102.8	0.0	203.8



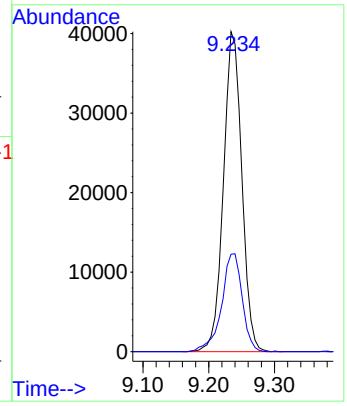


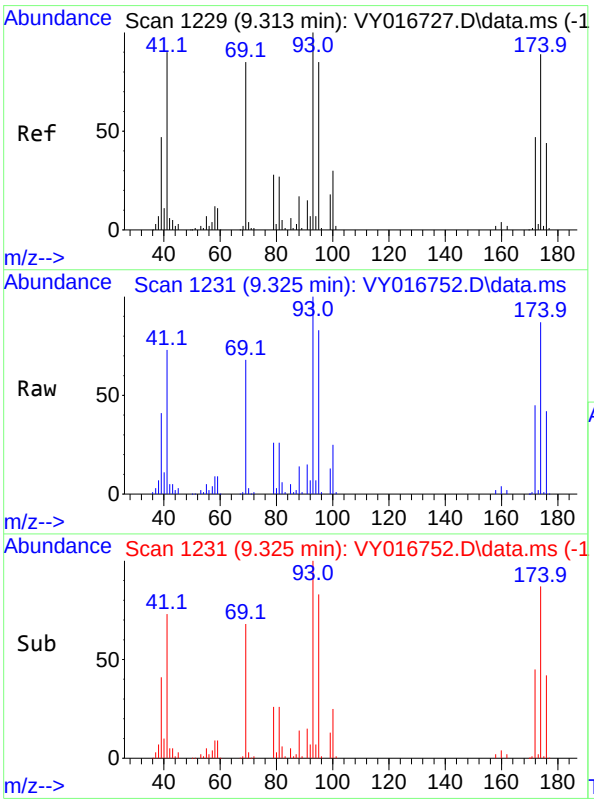
#45
1,2-Dichloropropane
Concen: 43.438 ug/l
RT: 9.234 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 63 Resp: 78248

Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.6	36.8

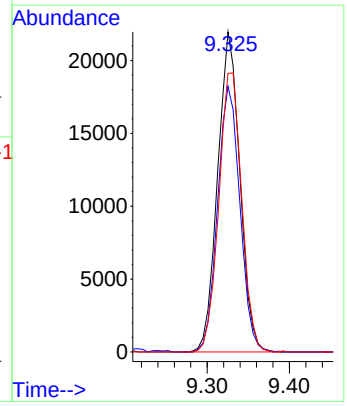


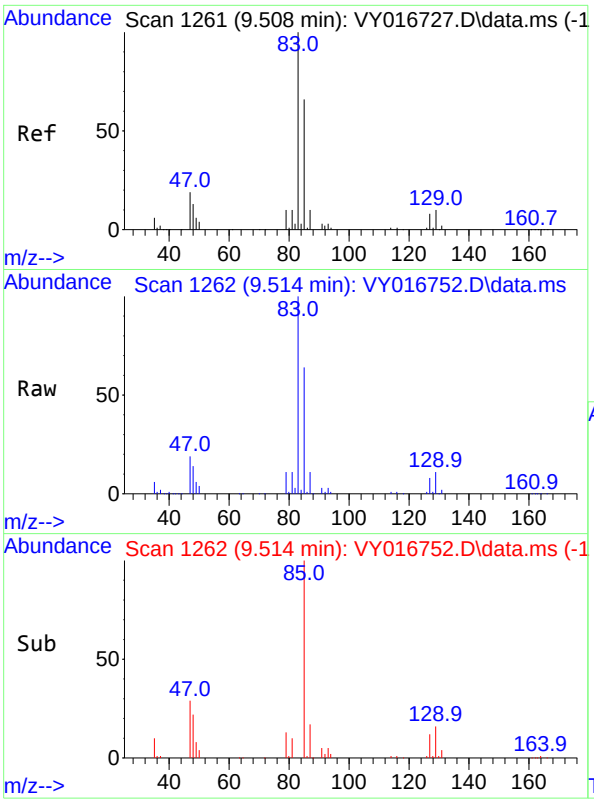


#46
Dibromomethane
Concen: 44.279 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 93 Resp: 41206

Ion	Ratio	Lower	Upper
93	100		
95	83.5	66.6	99.8
174	89.7	73.8	110.6



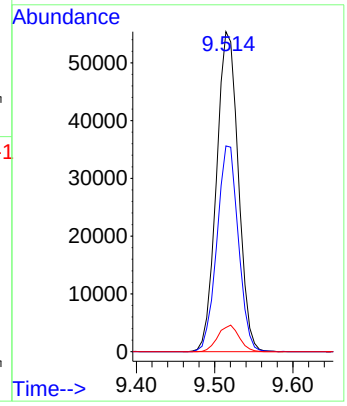


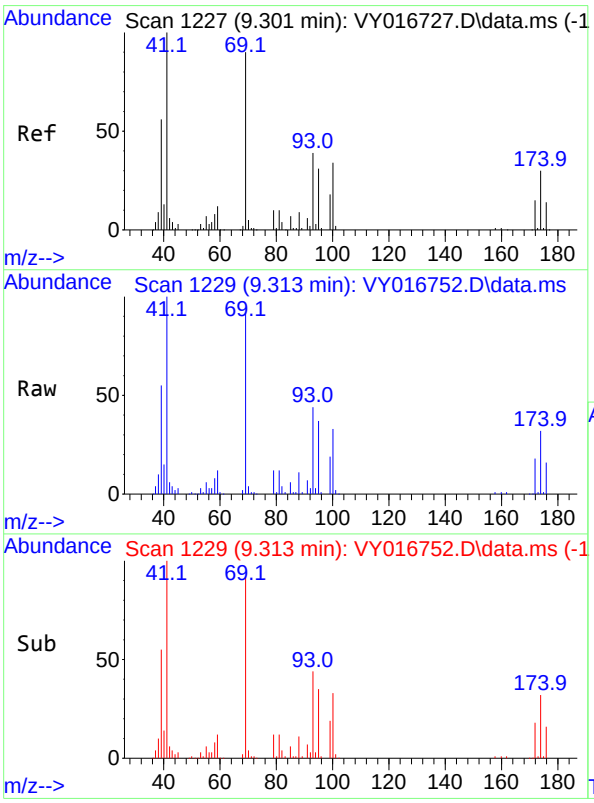
#47
Bromodichloromethane
Concen: 43.630 ug/l
RT: 9.514 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 107015

Ion	Ratio	Lower	Upper
83	100		
85	64.3	53.2	79.8
127	7.6	6.4	9.6

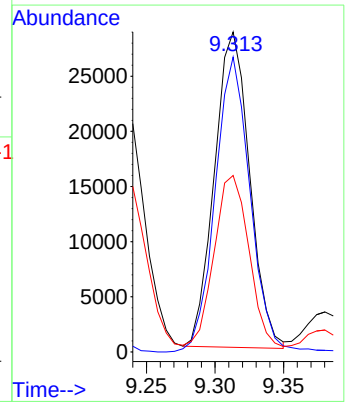


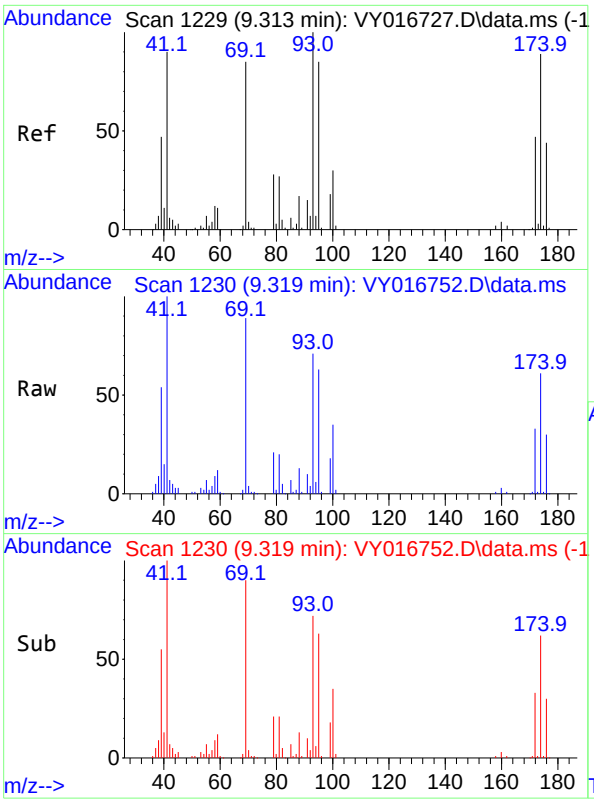


#48
Methyl methacrylate
Concen: 44.689 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 41 Resp: 51023

Ion	Ratio	Lower	Upper
41	100		
69	93.5	72.1	108.1
39	56.9	42.8	64.2



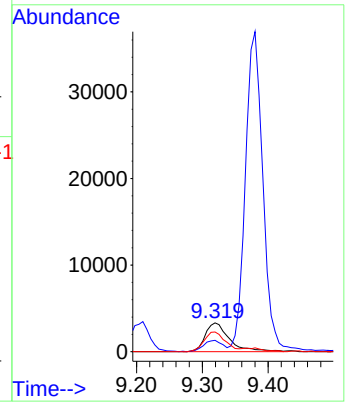


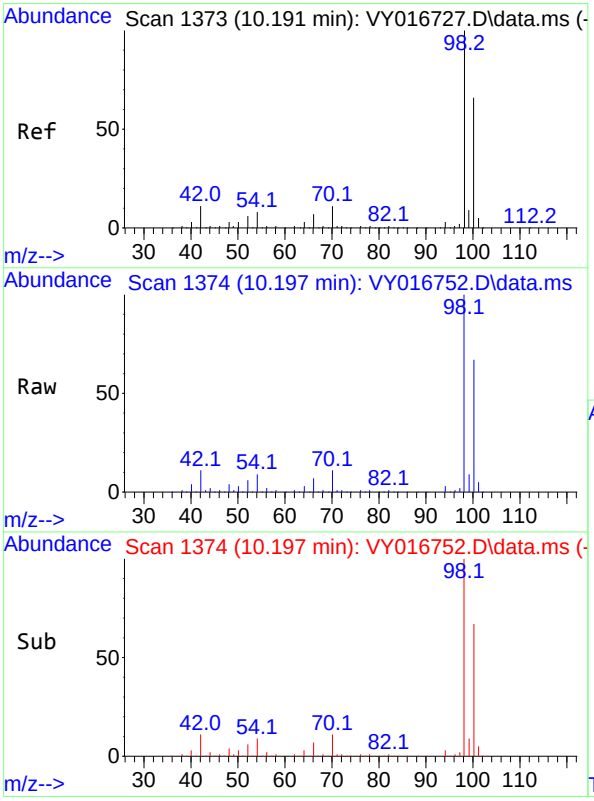
#49
1,4-Dioxane
Concen: 945.053 ug/l
RT: 9.319 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 88 Resp: 8536

Ion	Ratio	Lower	Upper
88	100		
43	31.1	28.2	42.4
58	60.4	52.2	78.2

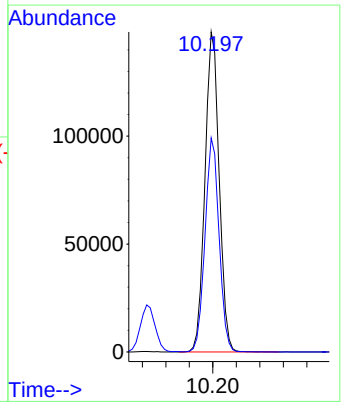


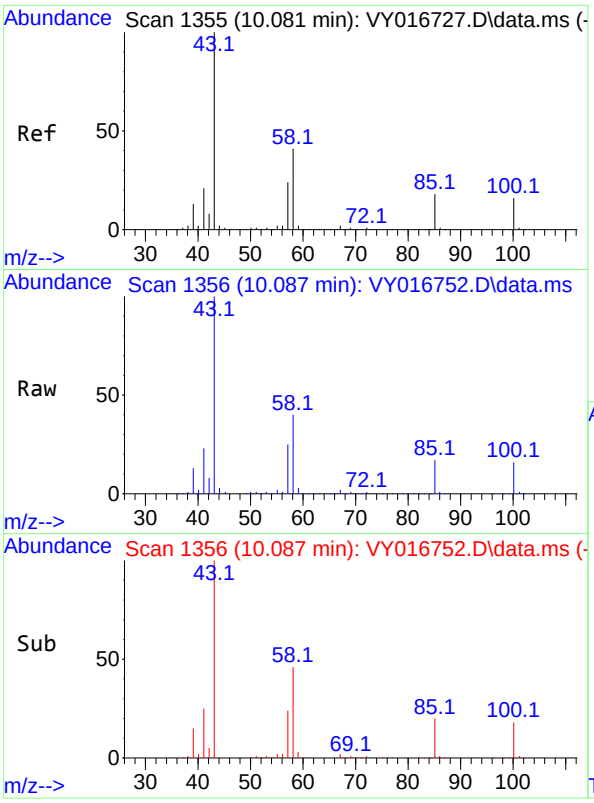


#50
Toluene-d8
Concen: 44.828 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 98 Resp: 248749

Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.3	78.5



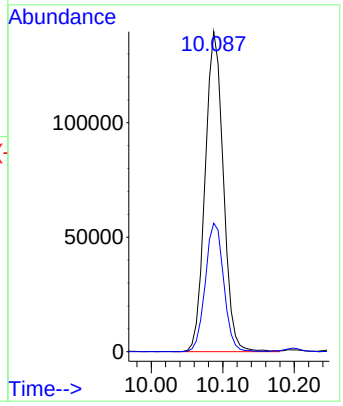


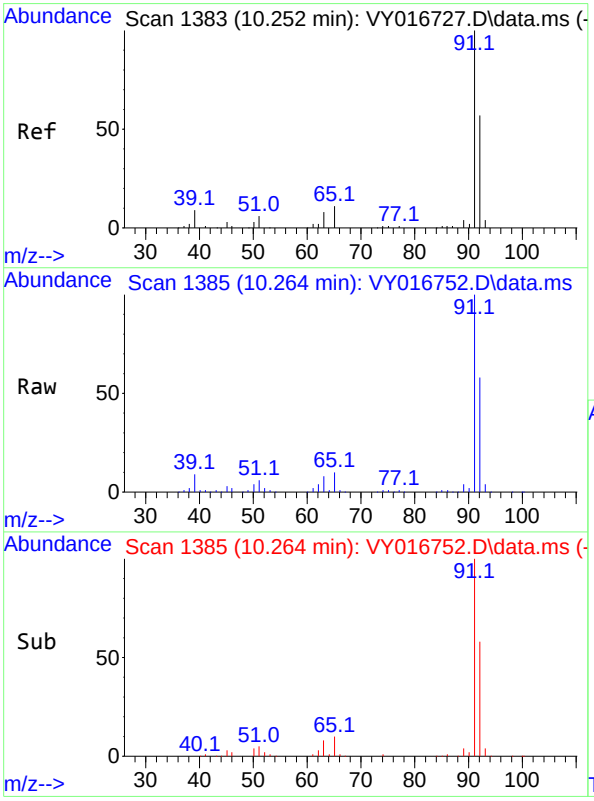
#51
4-Methyl-2-Pentanone
Concen: 225.721 ug/l
RT: 10.087 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 247069

Ion	Ratio	Lower	Upper
43	100		
58	40.7	32.2	48.2

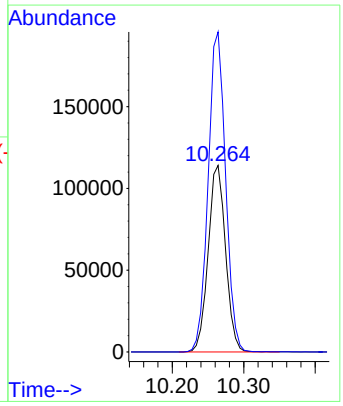


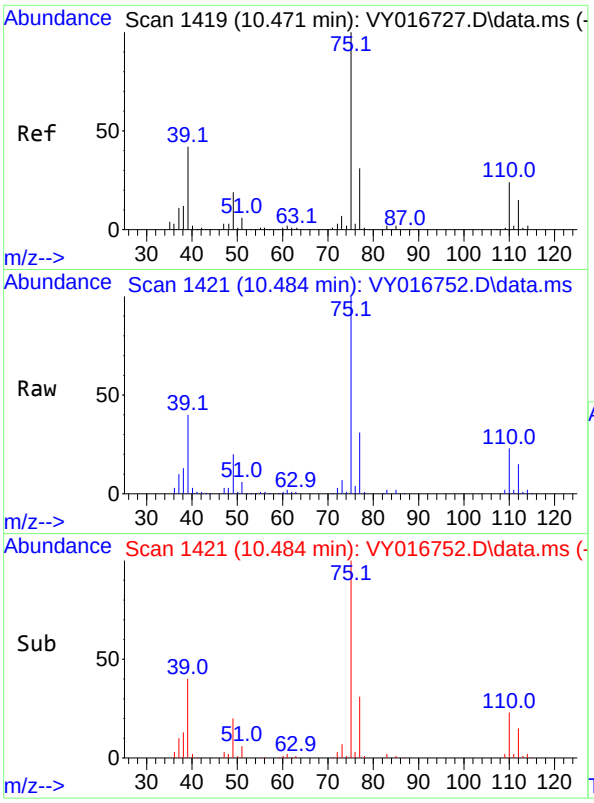


#52
Toluene
Concen: 44.751 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 92 Resp: 192585

Ion	Ratio	Lower	Upper
92	100		
91	172.1	137.6	206.4



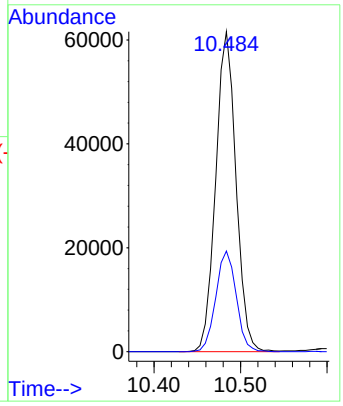


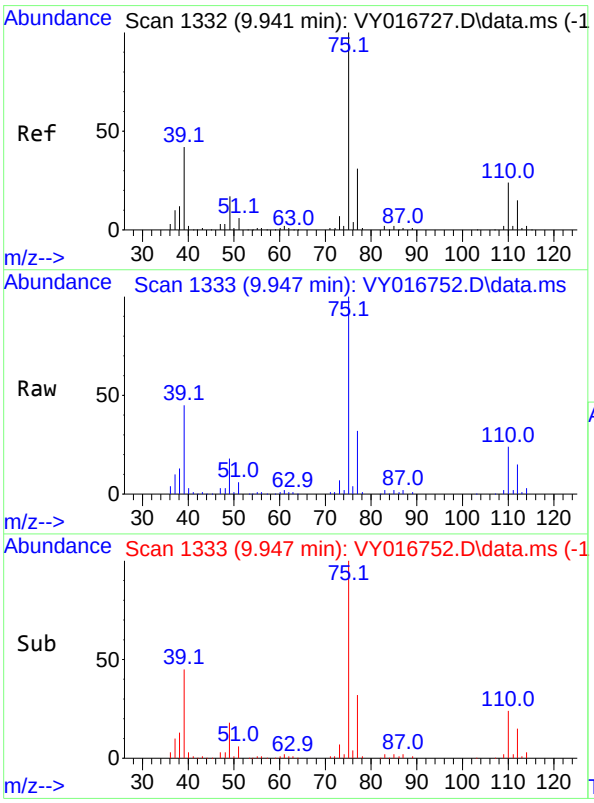
#53
t-1,3-Dichloropropene
Concen: 44.815 ug/l
RT: 10.484 min Scan# 14
Delta R.T. 0.013 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 100230

Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.6	36.8

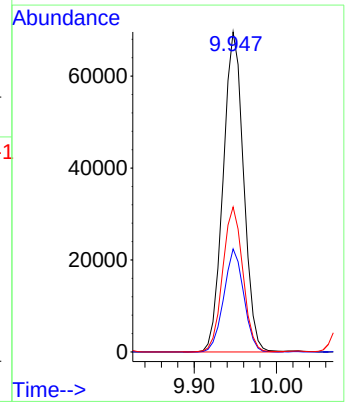


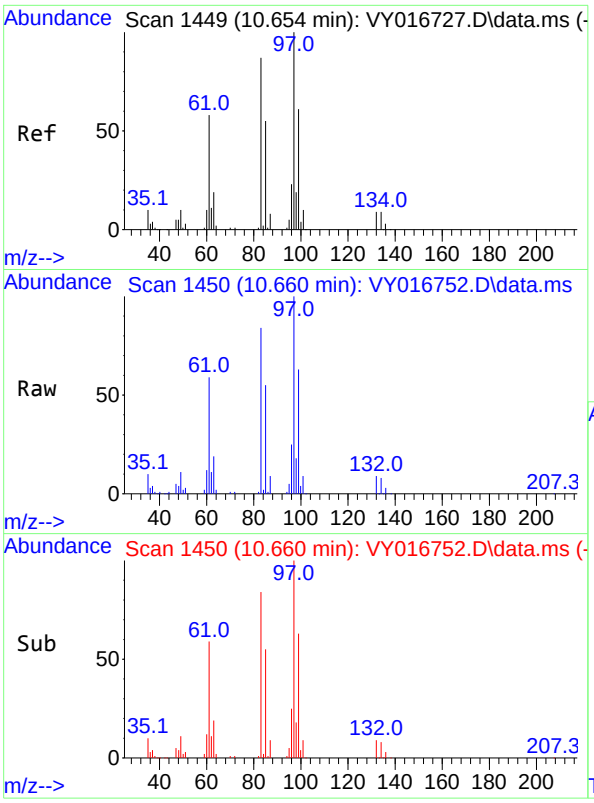


#54
cis-1,3-Dichloropropene
Concen: 44.582 ug/l
RT: 9.947 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 75 Resp: 120270

Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.6	36.8
39	45.2	33.6	50.4



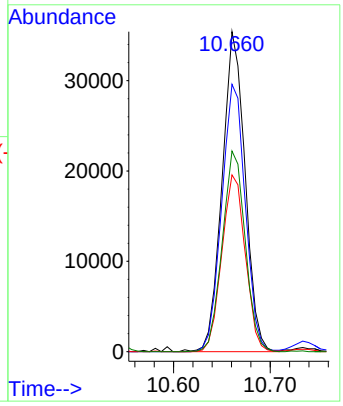


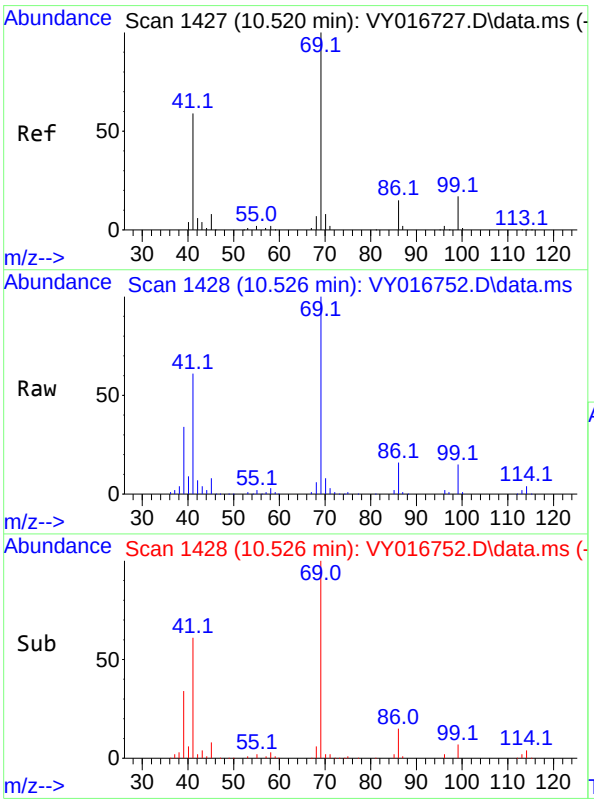
#55
1,1,2-Trichloroethane
Concen: 43.956 ug/l
RT: 10.660 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 97 Resp: 58362

Ion	Ratio	Lower	Upper
97	100		
83	83.6	69.4	104.2
85	55.2	43.9	65.9
99	62.7	48.6	73.0

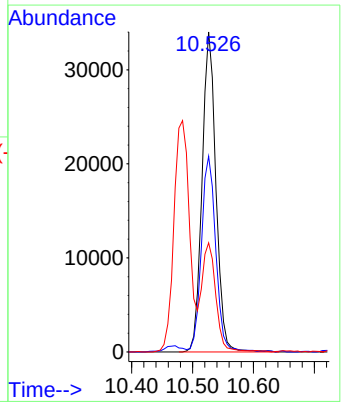


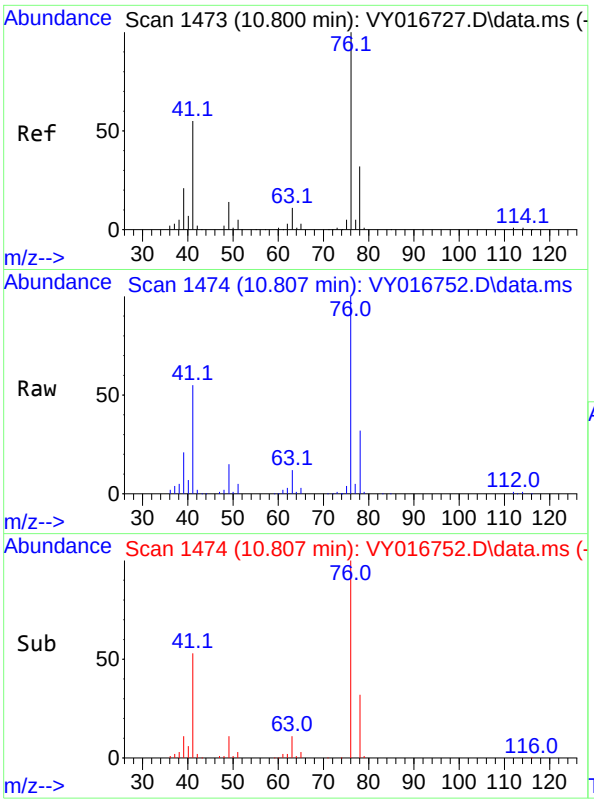


#56
Ethyl methacrylate
Concen: 46.138 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 69 Resp: 53868

Ion	Ratio	Lower	Upper
69	100		
41	62.9	49.2	73.8
39	34.0	26.8	40.2



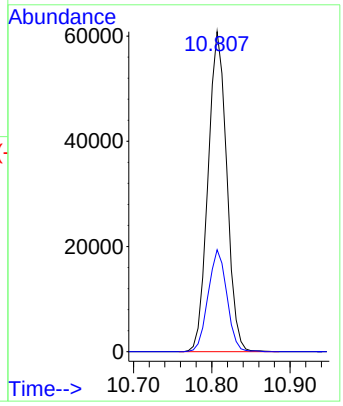


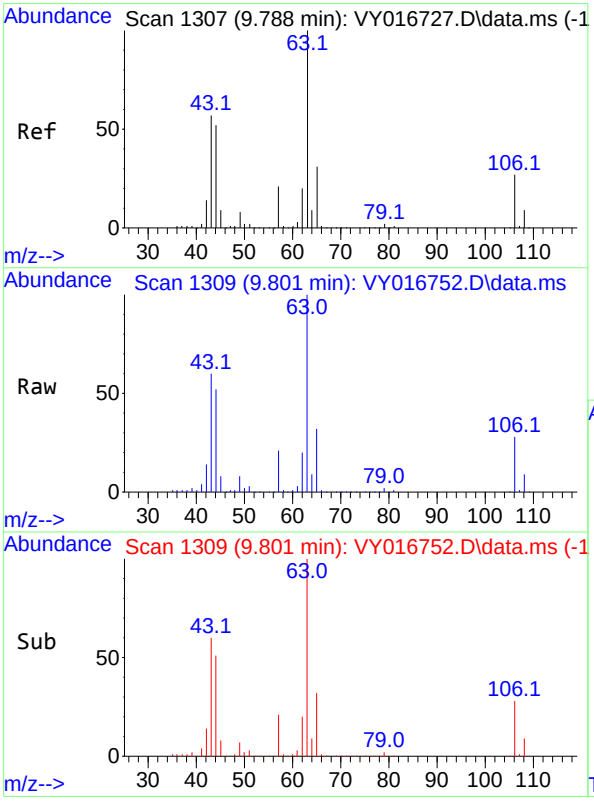
#57
1,3-Dichloropropane
Concen: 44.708 ug/l
RT: 10.807 min Scan# 14
Delta R.T. 0.007 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 100827

Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.1	39.1

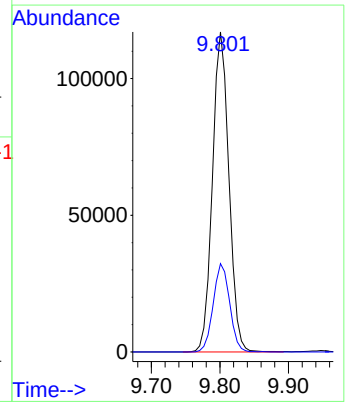


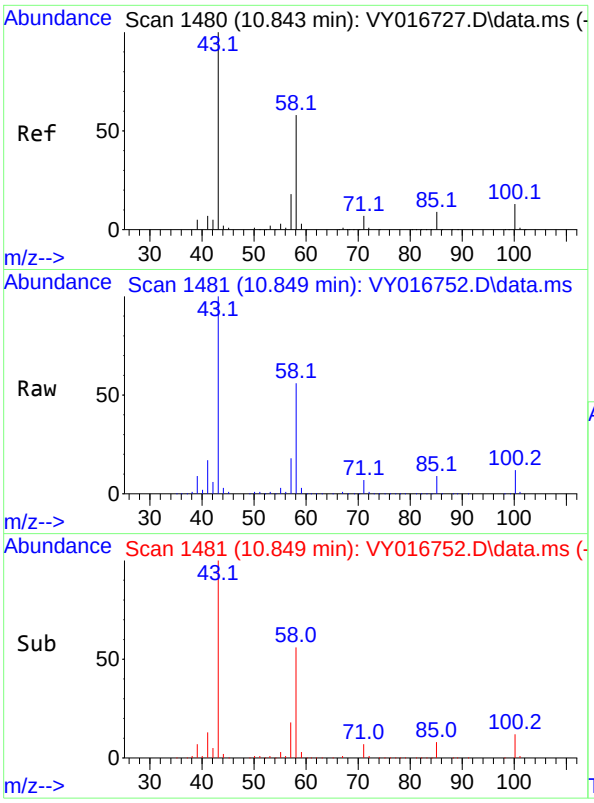


#58
2-Chloroethyl Vinyl ether
Concen: 311.106 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.013 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 63 Resp: 195399

Ion	Ratio	Lower	Upper
63	100		
106	27.5	22.4	33.6



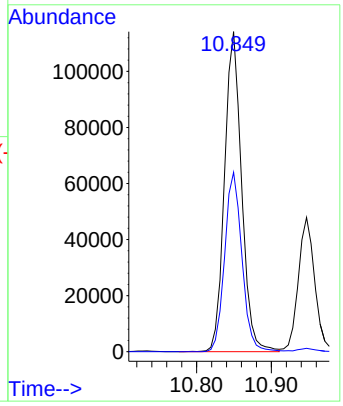


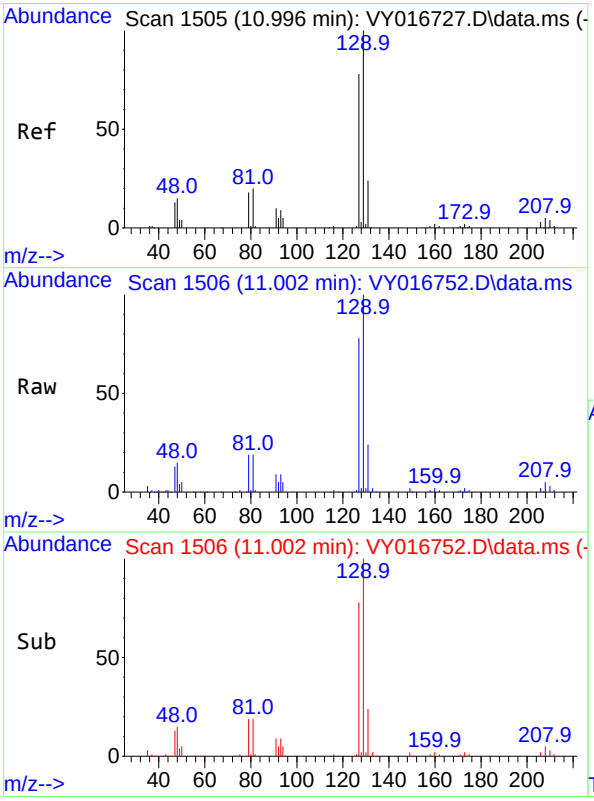
#59
2-Hexanone
Concen: 222.697 ug/l
RT: 10.849 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 181761

Ion	Ratio	Lower	Upper
43	100		
58	56.5	28.1	84.3

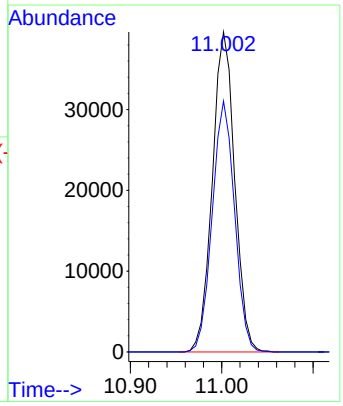


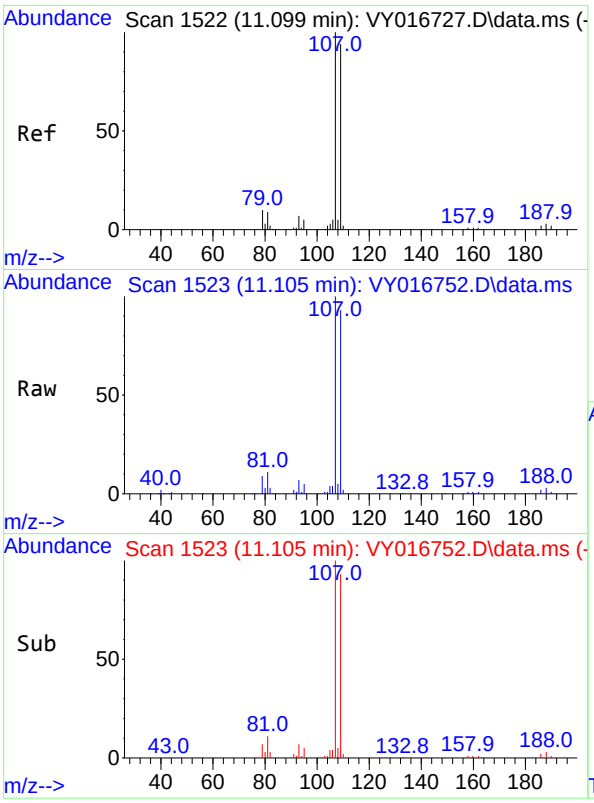


#60
Dibromochloromethane
Concen: 43.806 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion:129 Resp: 67284

Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.2	117.6



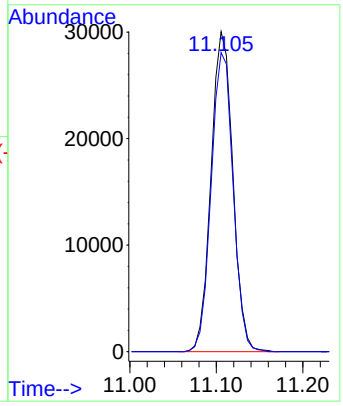


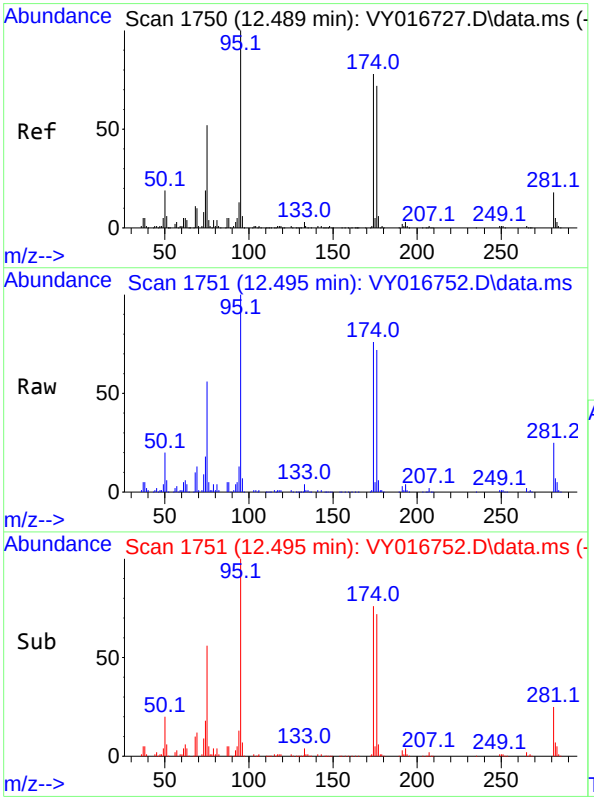
#61
1,2-Dibromoethane
Concen: 44.048 ug/l
RT: 11.105 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 52448

Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.4	113.2

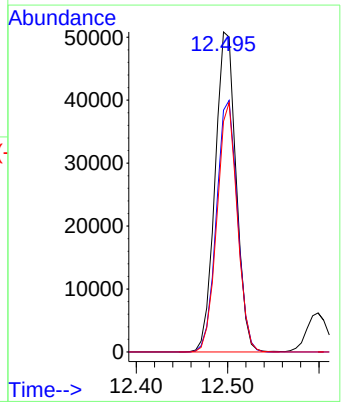


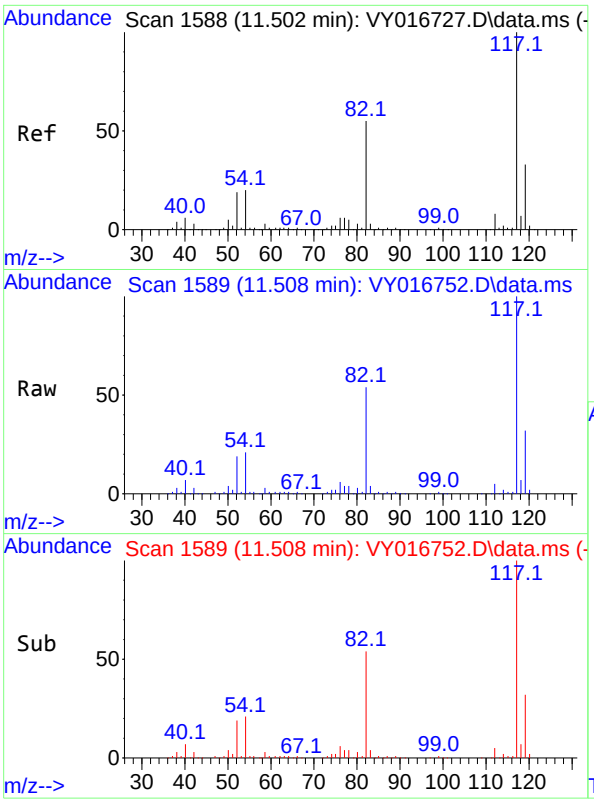


#62
4-Bromofluorobenzene
Concen: 45.149 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 95 Resp: 81281

Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	160.0
176	75.0	0.0	151.8



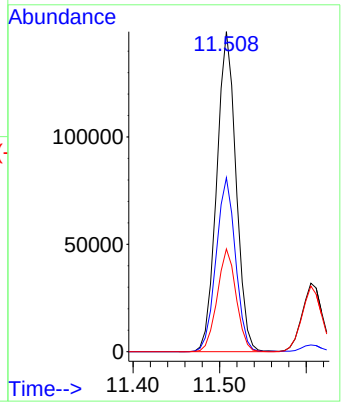


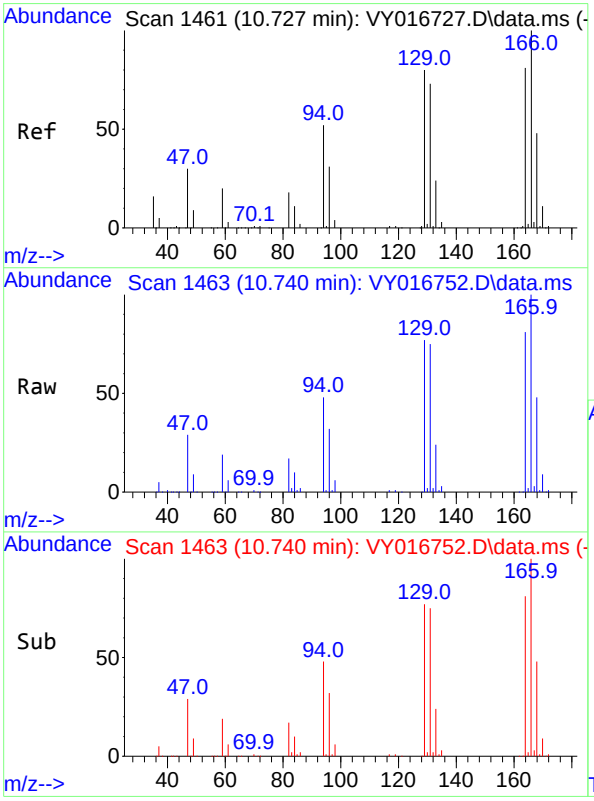
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 230909

Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.8	65.8
119	32.1	26.5	39.7

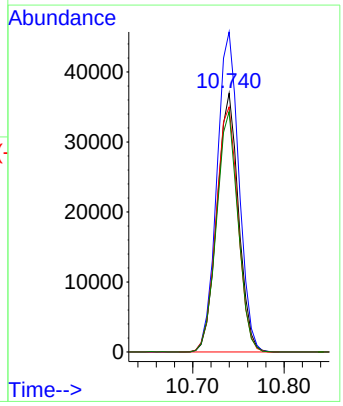


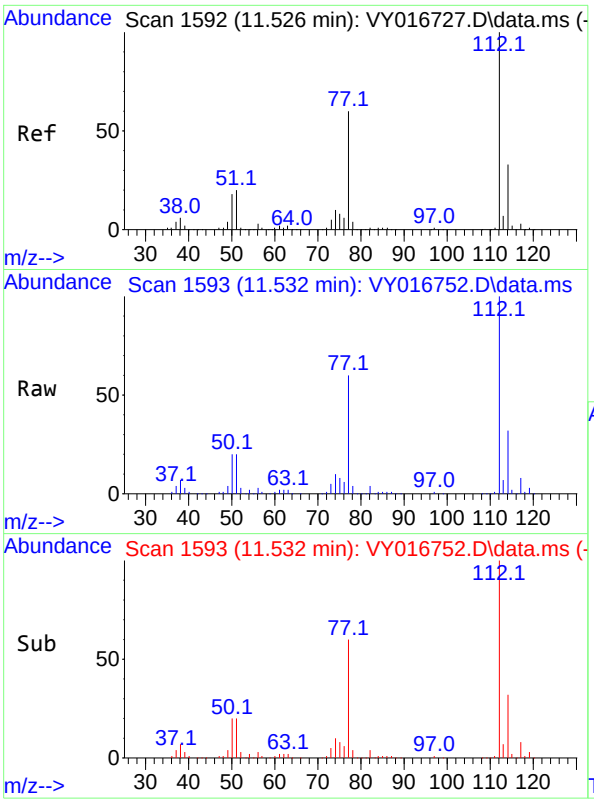


#64
Tetrachloroethene
Concen: 42.180 ug/l
RT: 10.740 min Scan# 1463
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion:164 Resp: 60503

Ion	Ratio	Lower	Upper
164	100		
166	123.6	98.8	148.2
129	94.7	78.9	118.3
131	92.8	72.5	108.7



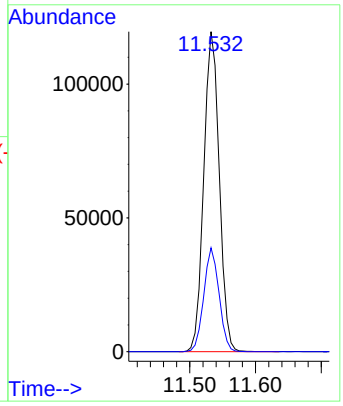


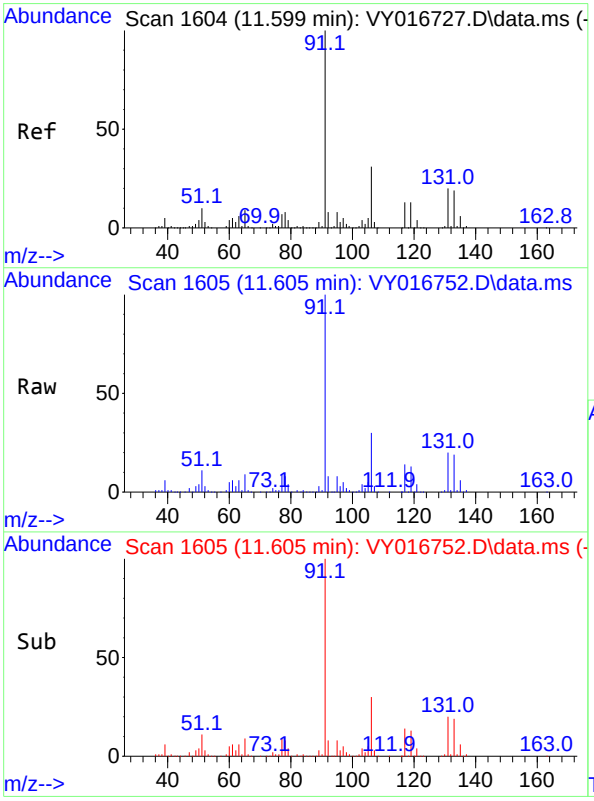
#65
Chlorobenzene
Concen: 43.181 ug/l
RT: 11.532 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:112 Resp: 195901

Ion	Ratio	Lower	Upper
112	100		
114	32.4	26.1	39.1

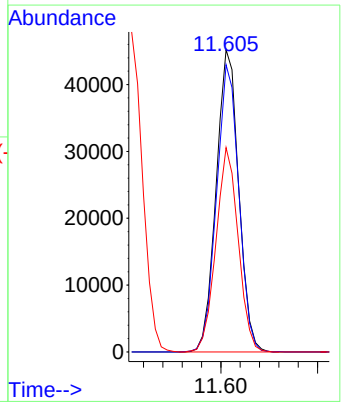


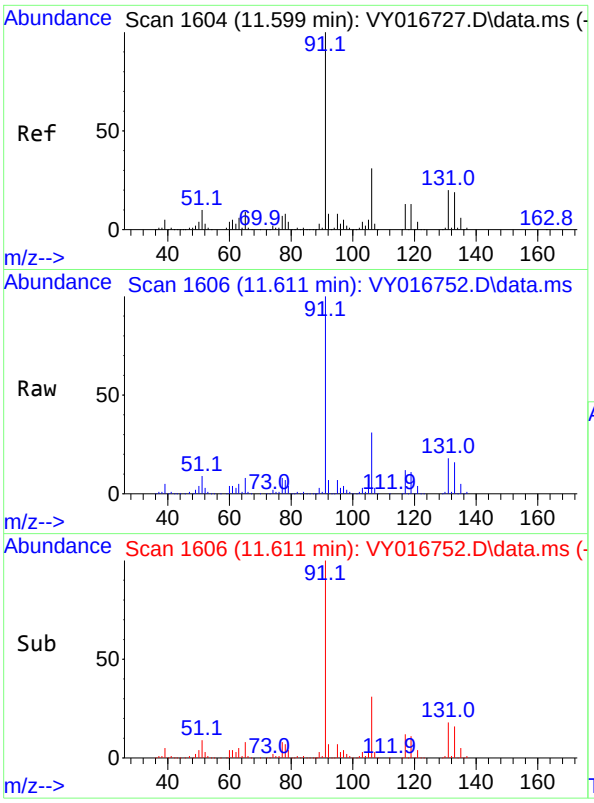


#66
1,1,1,2-Tetrachloroethane
Concen: 42.726 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion:131 Resp: 72930

Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.0	141.0
119	66.8	33.3	99.9



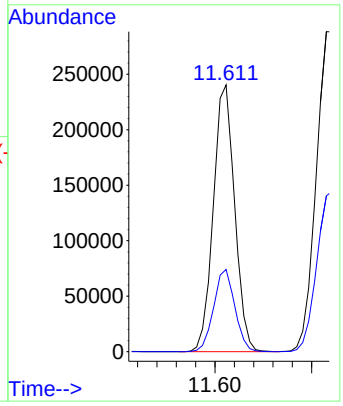


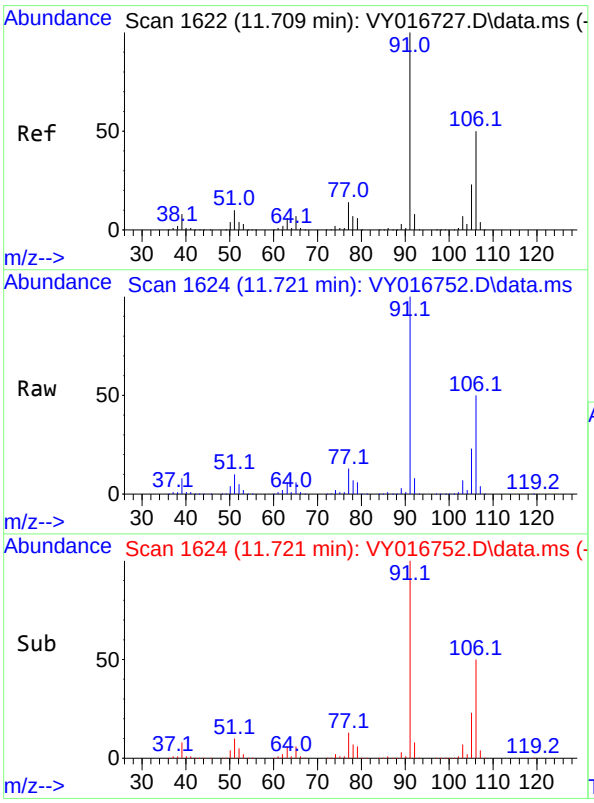
#67
Ethyl Benzene
Concen: 44.003 ug/l
RT: 11.611 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 367438

Ion	Ratio	Lower	Upper
91	100		
106	30.8	25.0	37.4

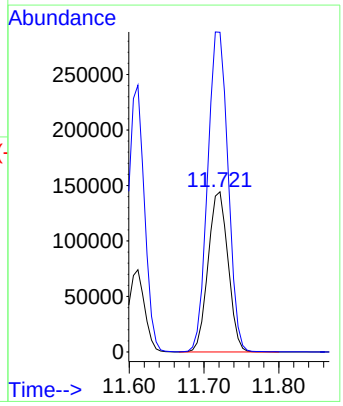


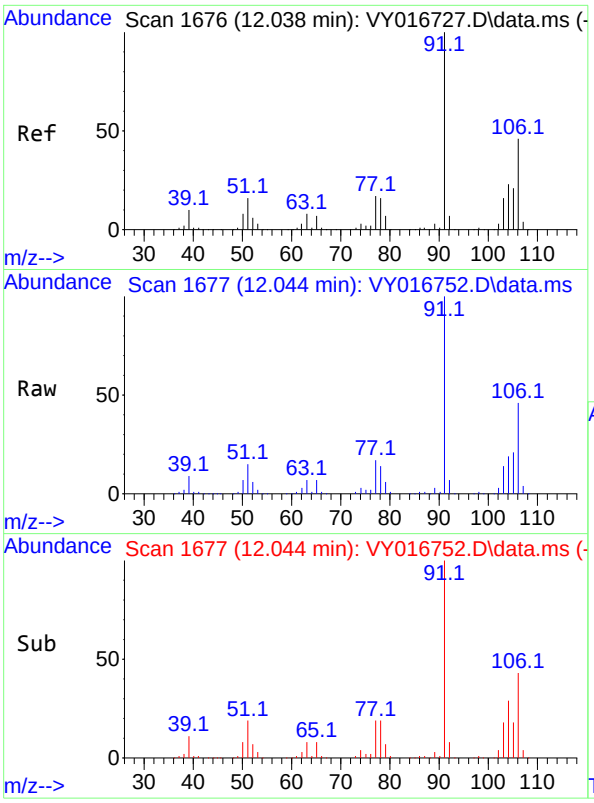


#68
m/p-Xylenes
Concen: 87.103 ug/l
RT: 11.721 min Scan# 1624
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion:106 Resp: 268582

Ion	Ratio	Lower	Upper
106	100		
91	203.6	160.7	241.1



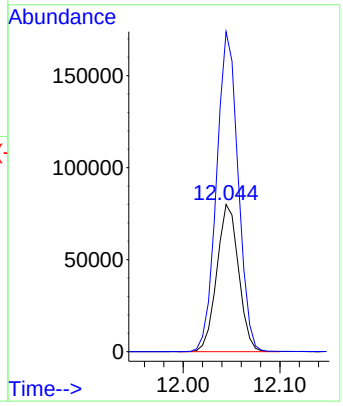


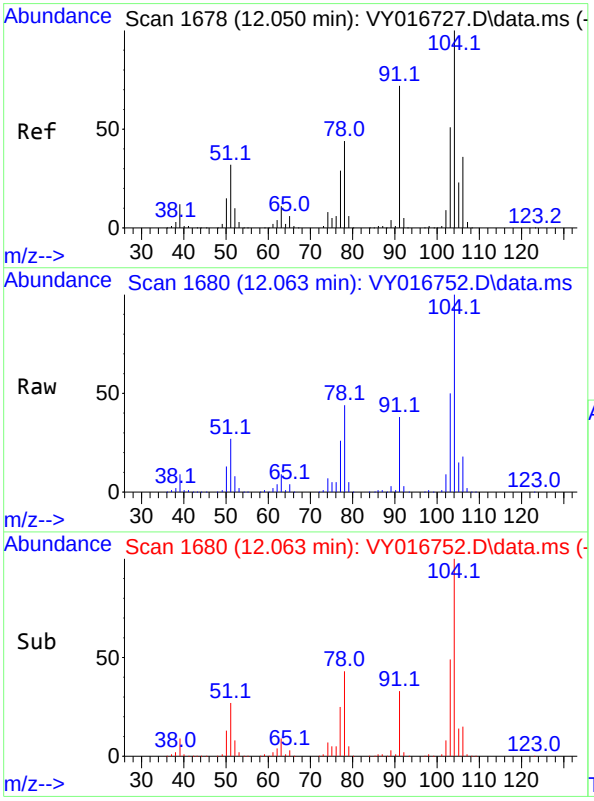
#69
o-Xylene
Concen: 44.122 ug/l
RT: 12.044 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 124814

Ion	Ratio	Lower	Upper
106	100		
91	215.2	106.5	319.5

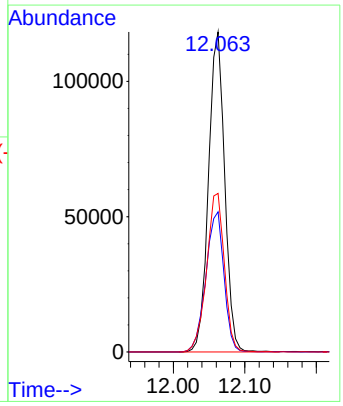


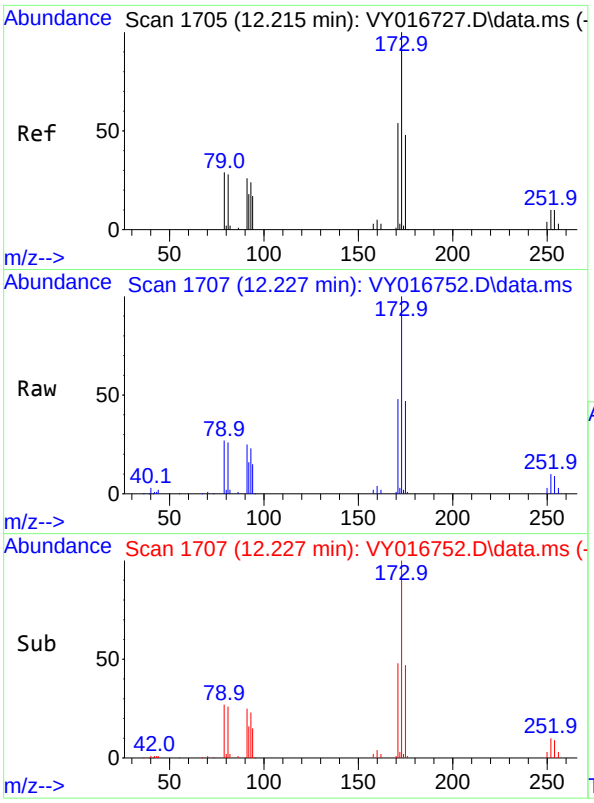


#70
Styrene
Concen: 44.403 ug/l
RT: 12.063 min Scan# 1680
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion:104 Resp: 185871

Ion	Ratio	Lower	Upper
104	100		
78	49.1	39.2	58.8
103	54.6	43.8	65.6



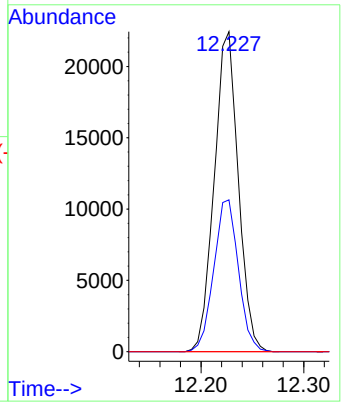


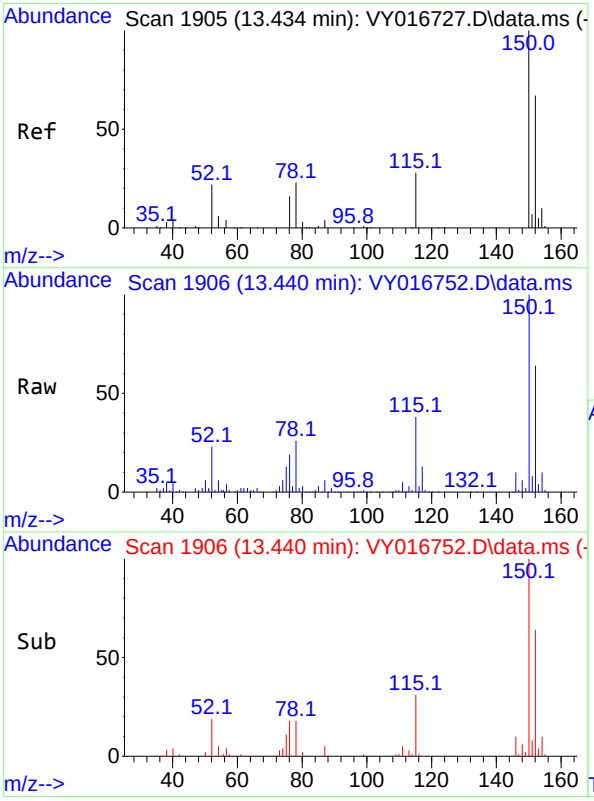
#71
Bromoform
Concen: 42.812 ug/l
RT: 12.227 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:173 Resp: 36433

Ion	Ratio	Lower	Upper
173	100		
175	48.7	23.5	70.6
254	0.0	0.0	0.0

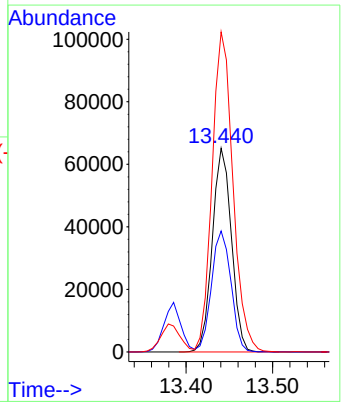


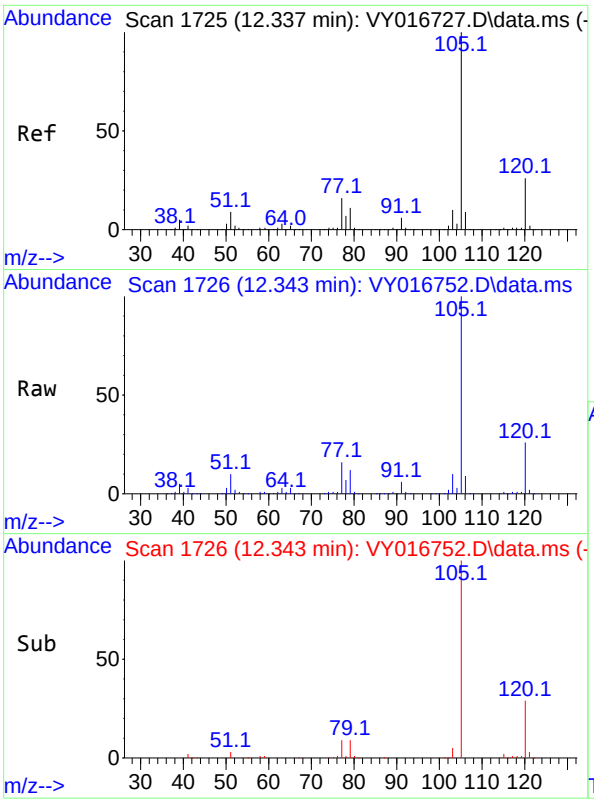


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion:152 Resp: 99909

Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.0	90.0
150	171.2	0.0	344.6



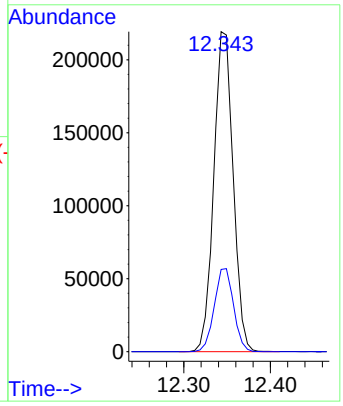


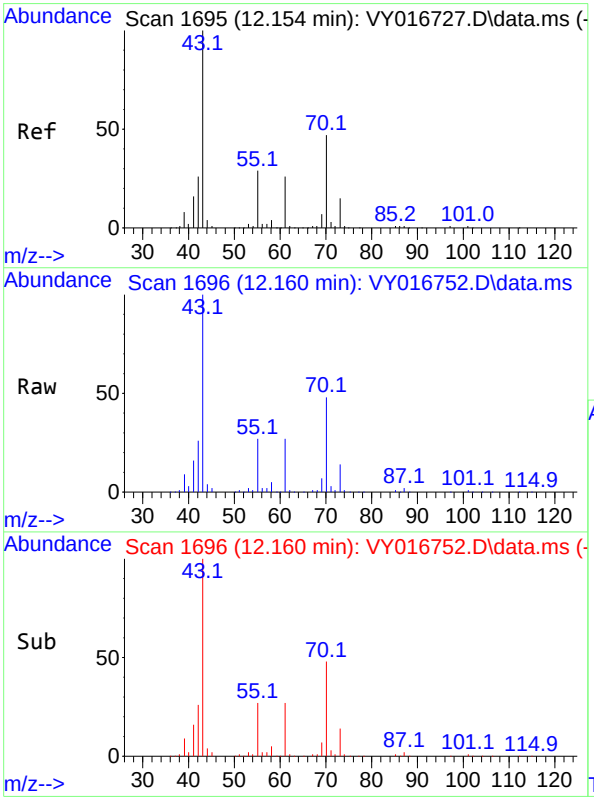
#73
Isopropylbenzene
Concen: 43.718 ug/l
RT: 12.343 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 340175

Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.0	39.0

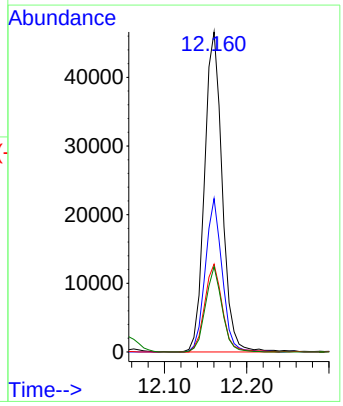


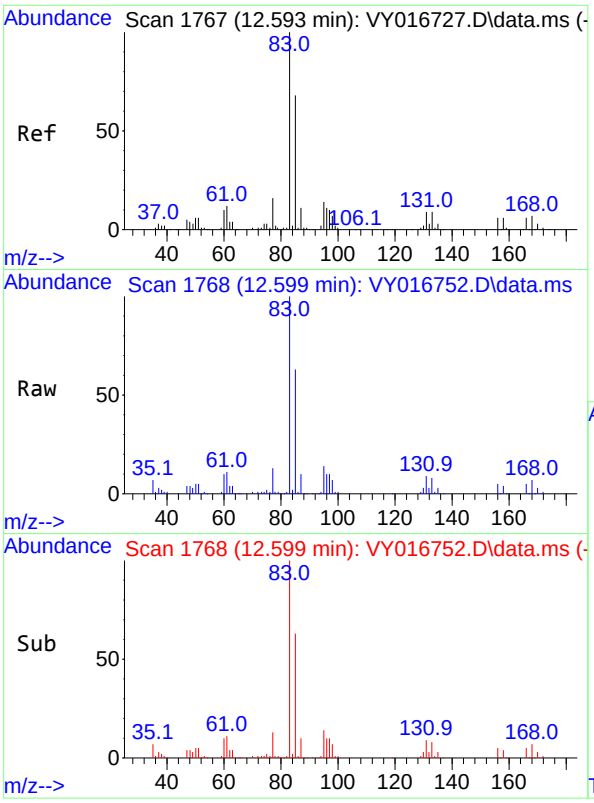


#74
N-amyl acetate
Concen: 42.721 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 43 Resp: 69762

Ion	Ratio	Lower	Upper
43	100		
70	45.7	36.6	55.0
55	27.4	22.2	33.4
61	25.1	20.2	30.4



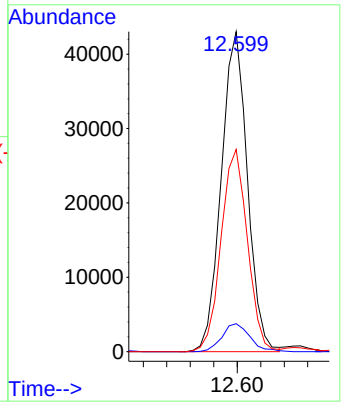


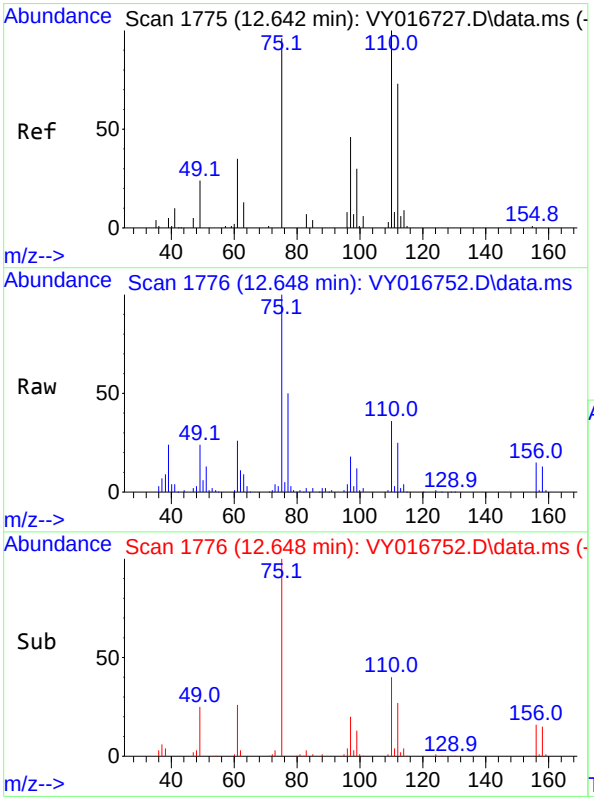
#75
1,1,2,2-Tetrachloroethane
Concen: 42.664 ug/l
RT: 12.599 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 66339

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.9	14.6
85	63.8	32.6	98.0

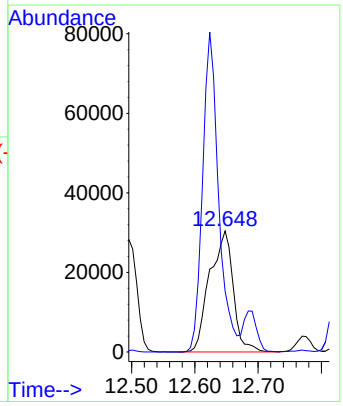


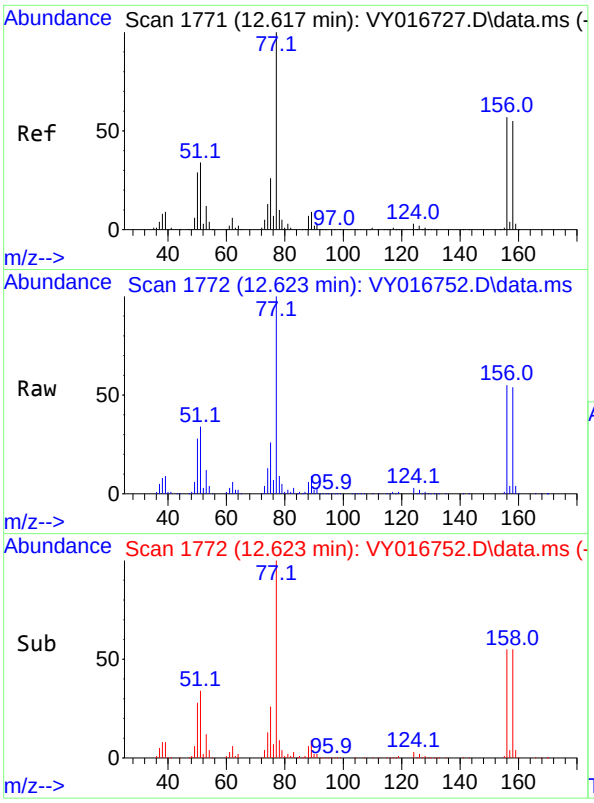


#76
1,2,3-Trichloropropane
Concen: 71.107 ug/l
RT: 12.648 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 75 Resp: 78533

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



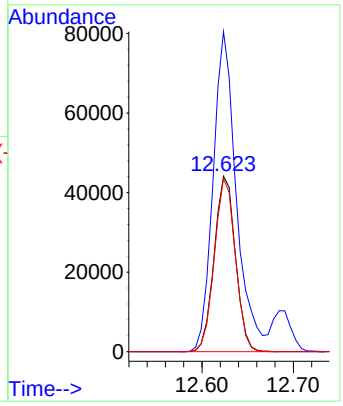


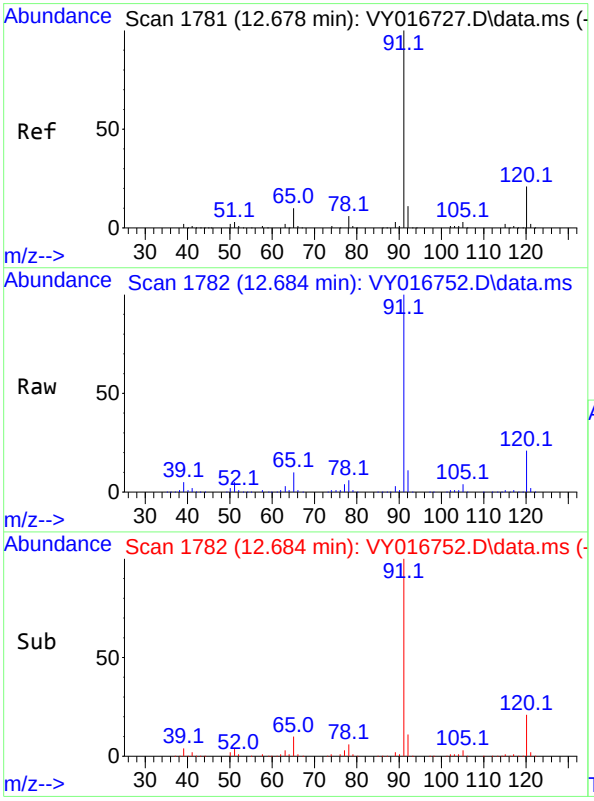
#77
Bromobenzene
Concen: 42.029 ug/l
RT: 12.623 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:156 Resp: 71344

Ion	Ratio	Lower	Upper
156	100		
77	198.1	97.3	291.8
158	96.9	48.4	145.0

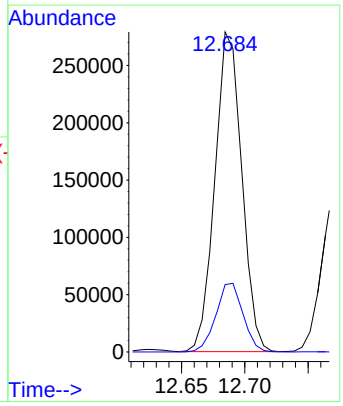


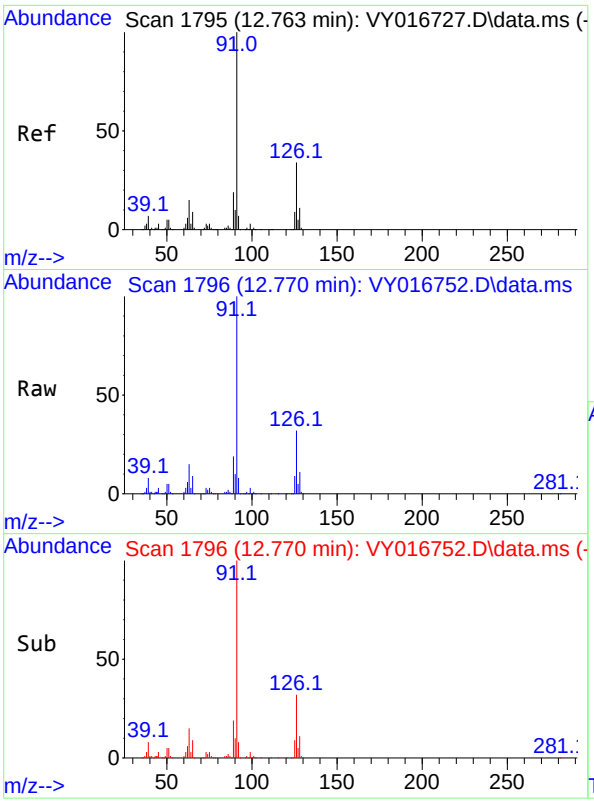


#78
n-propylbenzene
Concen: 43.713 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 91 Resp: 412098

Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.0	33.0



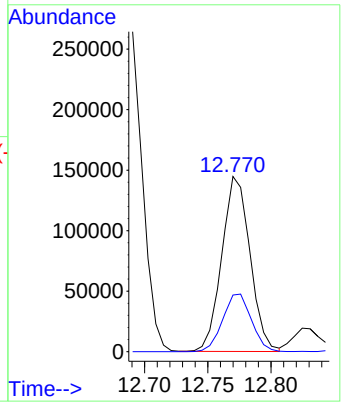


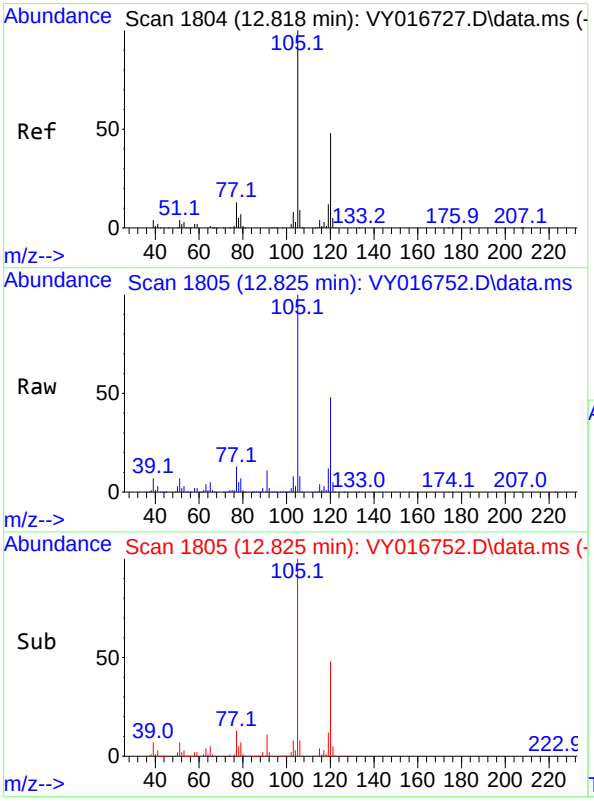
#79
2-Chlorotoluene
Concen: 43.053 ug/l
RT: 12.770 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 224590

Ion	Ratio	Lower	Upper
91	100		
126	33.5	17.0	51.0

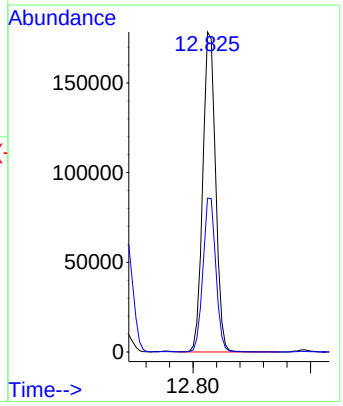


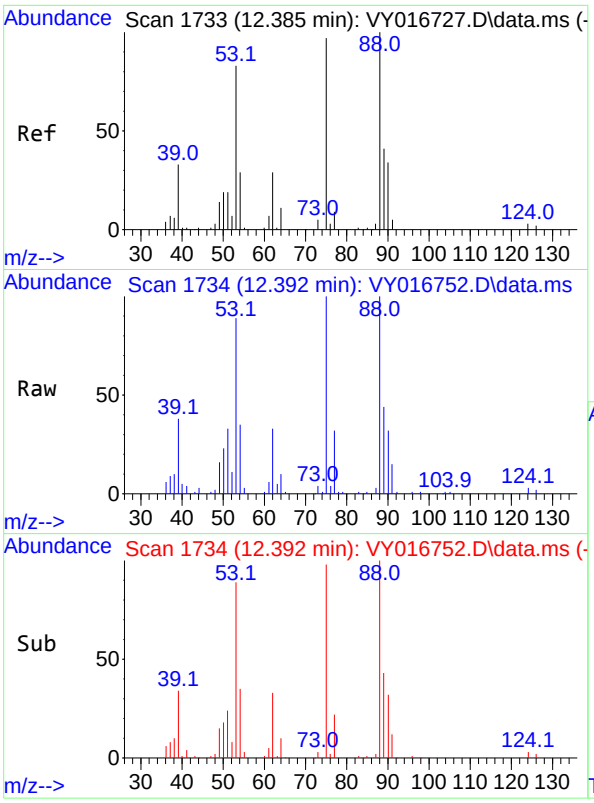


#80
1,3,5-Trimethylbenzene
Concen: 43.985 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion:105 Resp: 270917

Ion	Ratio	Lower	Upper
105	100		
120	48.2	24.3	72.8



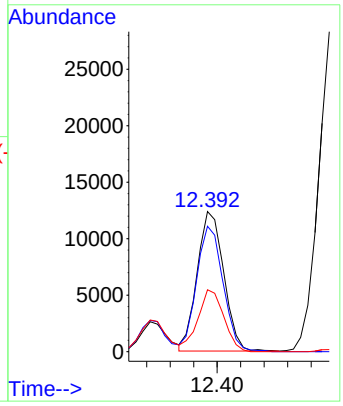


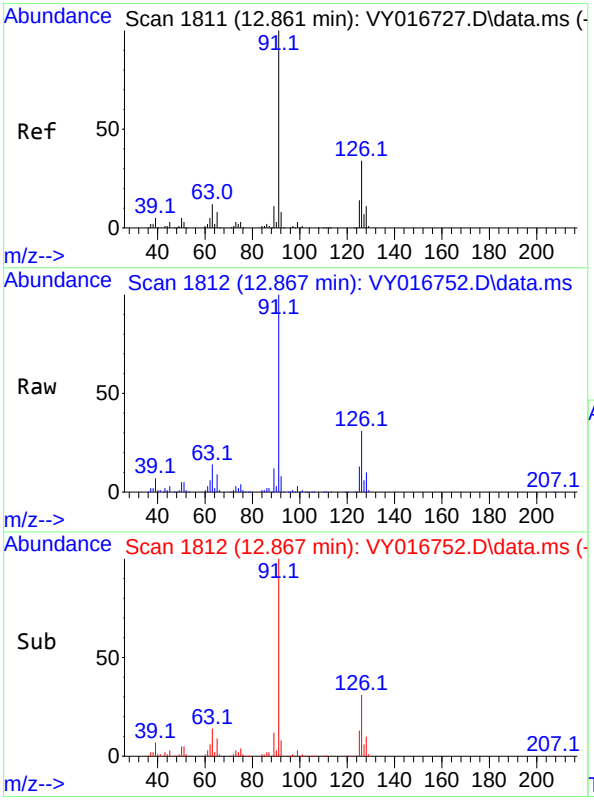
#81
trans-1,4-Dichloro-2-butene
Concen: 41.181 ug/l
RT: 12.392 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 19367

Ion	Ratio	Lower	Upper
75	100		
53	89.9	74.0	111.0
89	43.5	36.5	54.7

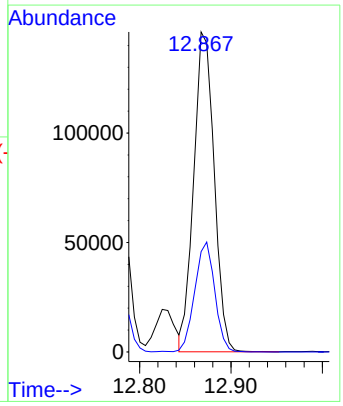


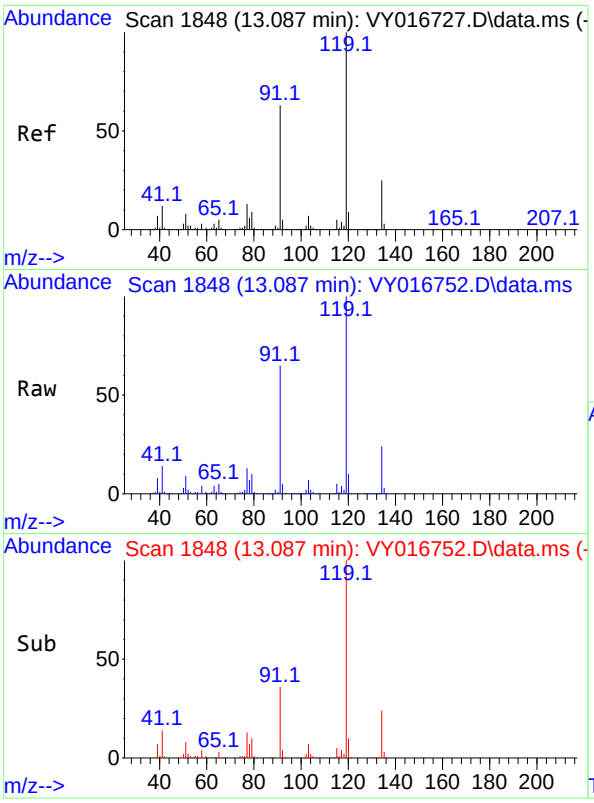


#82
4-Chlorotoluene
Concen: 42.511 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 91 Resp: 227505

Ion	Ratio	Lower	Upper
91	100		
126	33.7	17.1	51.2



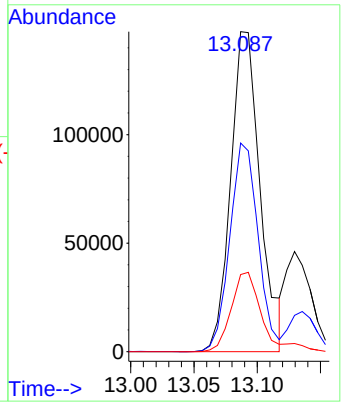


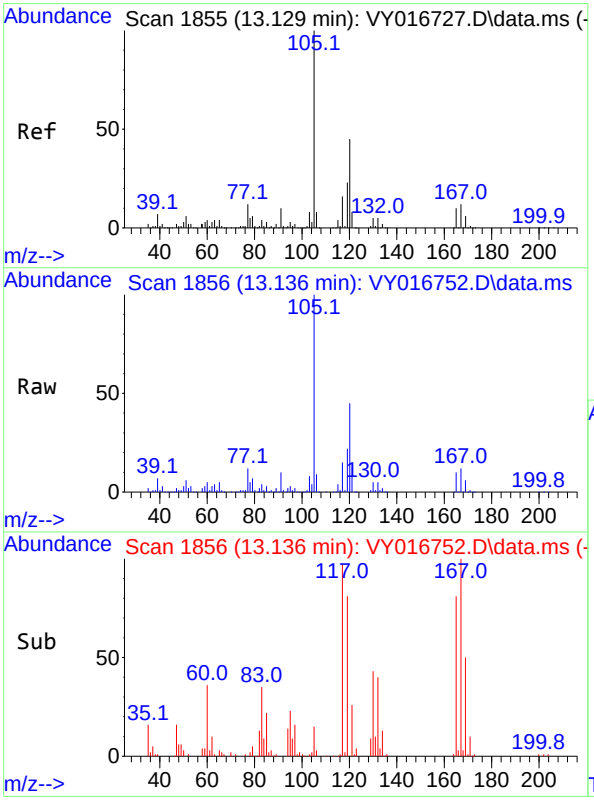
#83
tert-Butylbenzene
Concen: 44.590 ug/l
RT: 13.087 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:119 Resp: 238898

Ion	Ratio	Lower	Upper
119	100		
91	62.8	31.5	94.5
134	25.9	13.1	39.3

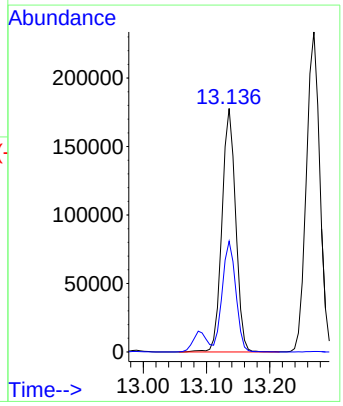


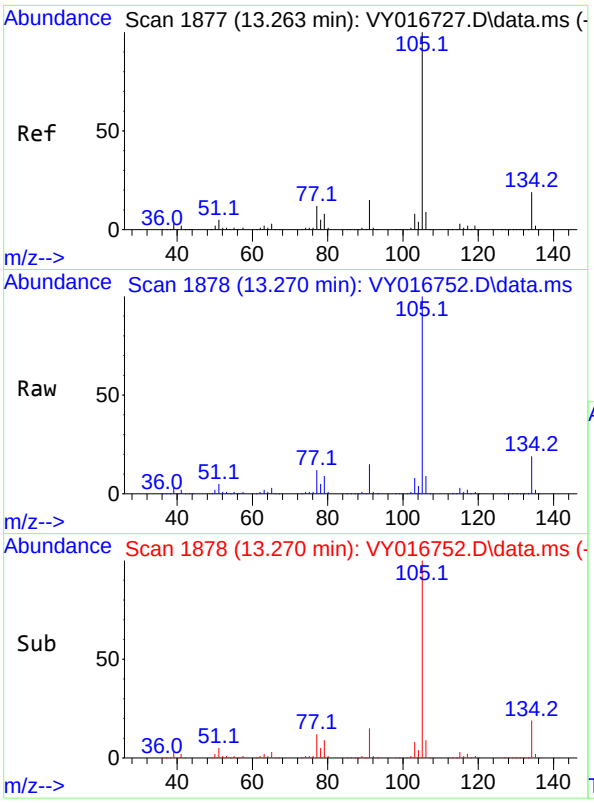


#84
1,2,4-Trimethylbenzene
Concen: 43.844 ug/l
RT: 13.136 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion:105 Resp: 266285

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.1	66.3



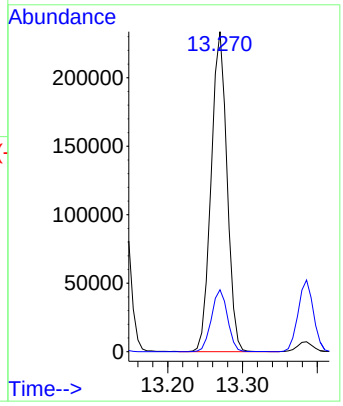


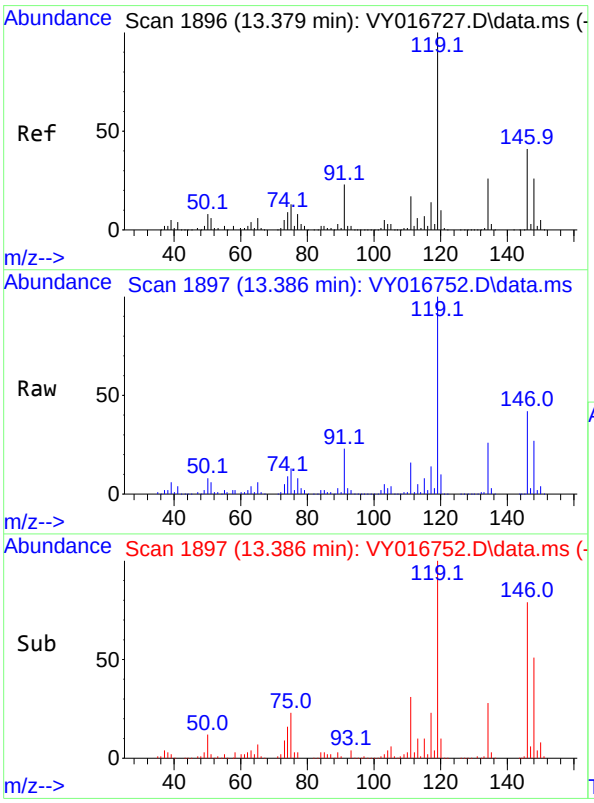
#85
sec-Butylbenzene
Concen: 43.328 ug/l
RT: 13.270 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 343827

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.7	28.9

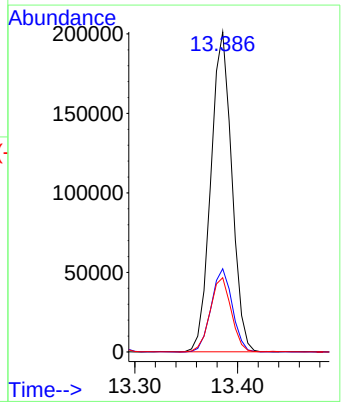


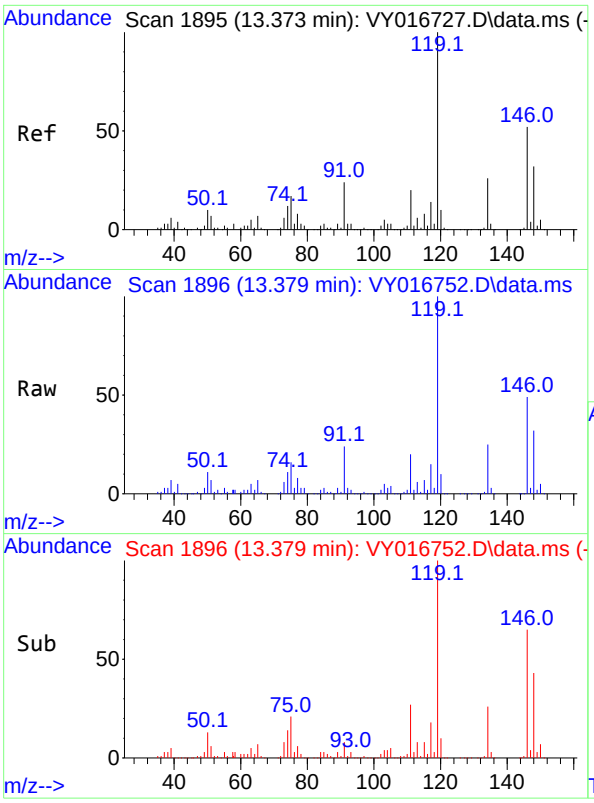


#86
p-Isopropyltoluene
Concen: 42.955 ug/l
RT: 13.386 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion:119 Resp: 283873

Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.1	39.1
91	23.5	11.7	35.0



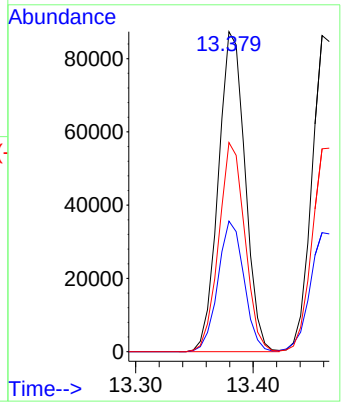


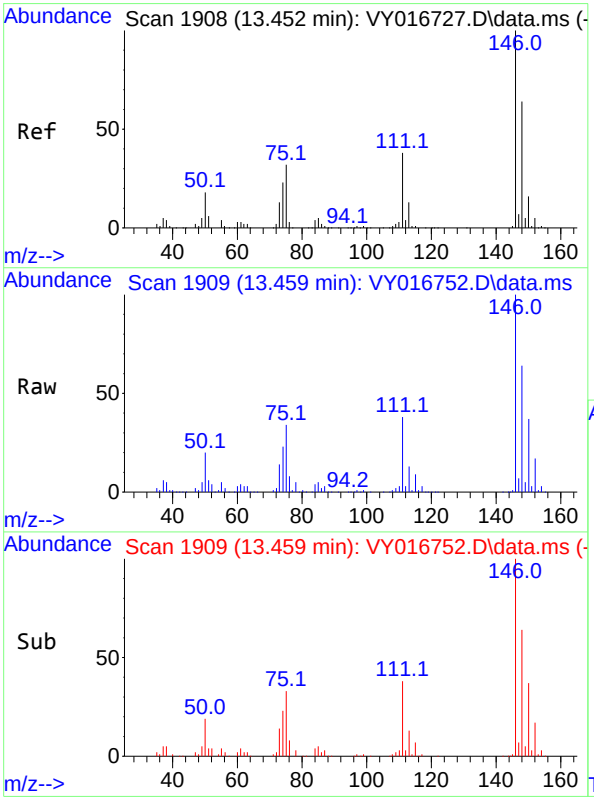
#87
1,3-Dichlorobenzene
Concen: 41.594 ug/l
RT: 13.379 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:146 Resp: 137984

Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.2	60.5
148	63.8	31.9	95.9

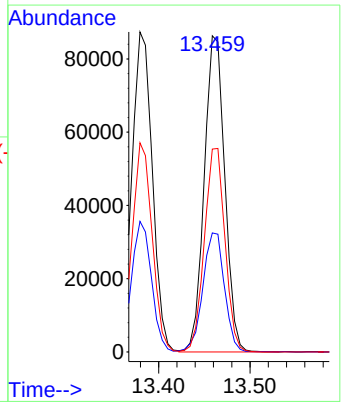


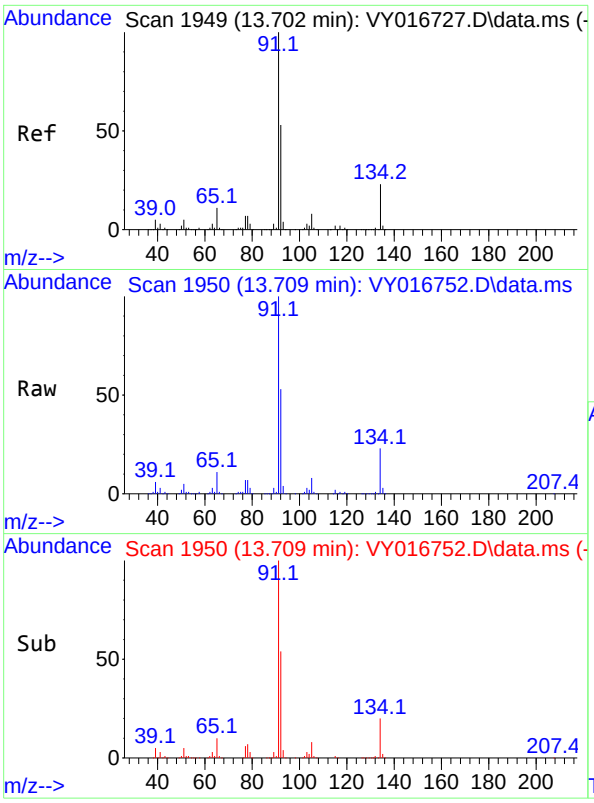


#88
1,4-Dichlorobenzene
Concen: 41.512 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion:146 Resp: 134469

Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.3	57.9
148	64.7	31.6	94.7



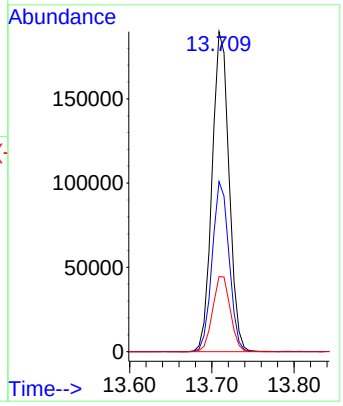


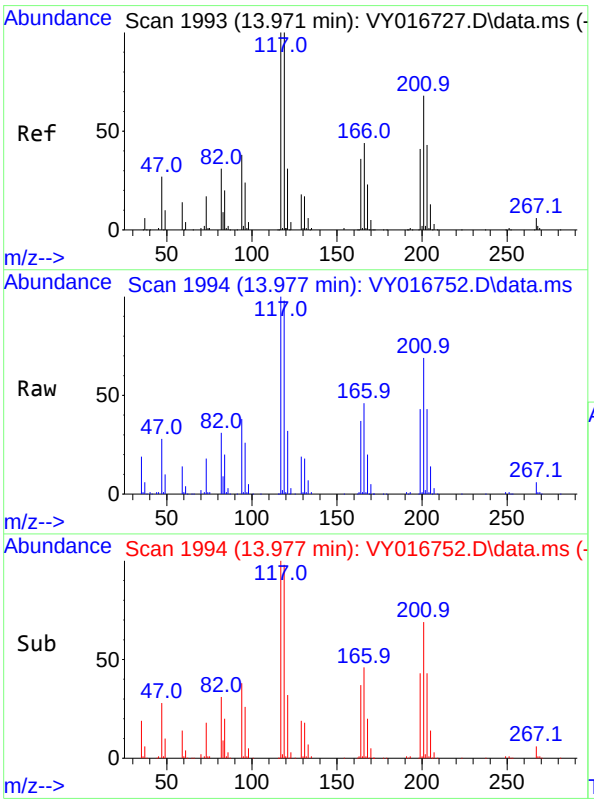
#89
n-Butylbenzene
Concen: 43.115 ug/l
RT: 13.709 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 272375

Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.4	79.2
134	24.3	12.3	36.8

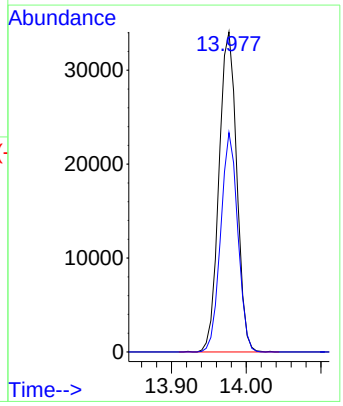


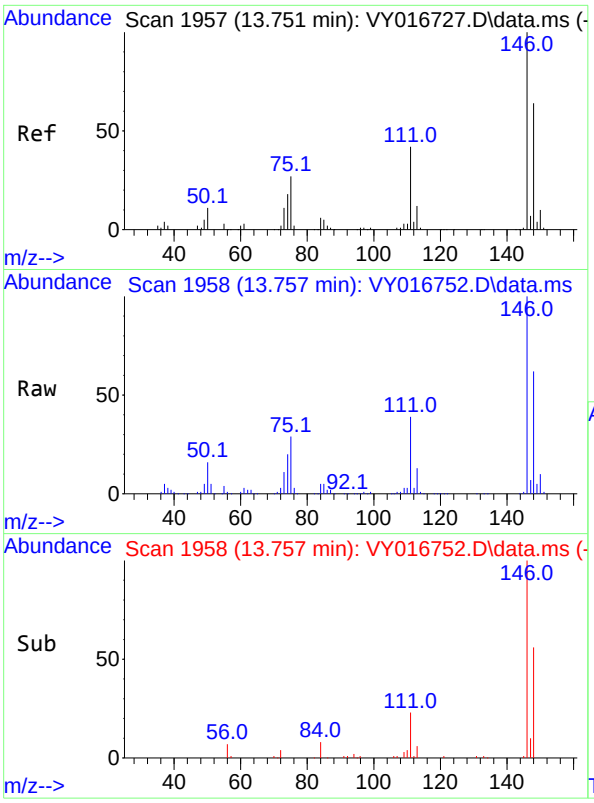


#90
Hexachloroethane
Concen: 40.962 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion:117 Resp: 56368

Ion	Ratio	Lower	Upper
117	100		
201	66.1	33.4	100.1



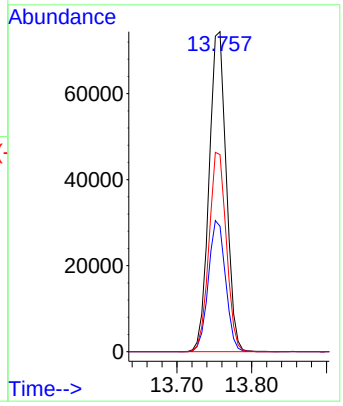


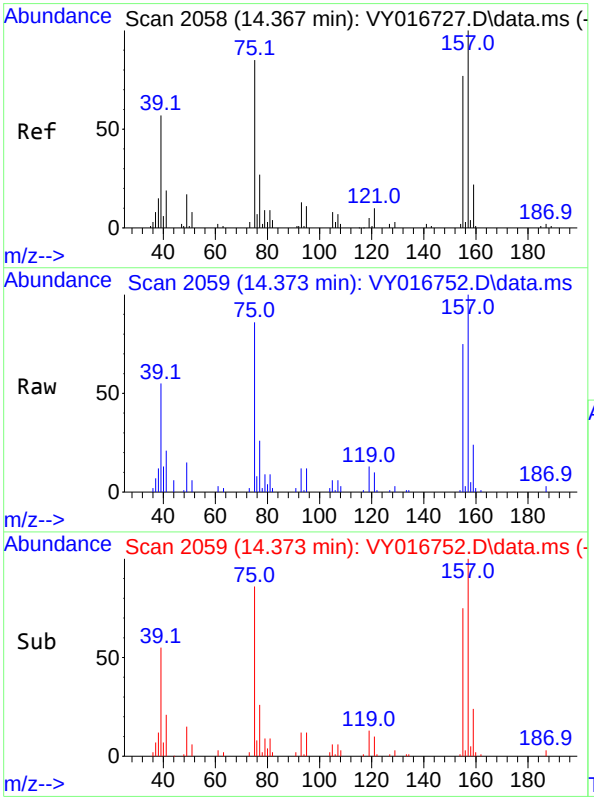
#91
1,2-Dichlorobenzene
Concen: 42.011 ug/l
RT: 13.757 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:146 Resp: 118728

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.5	61.6
148	62.9	31.4	94.3

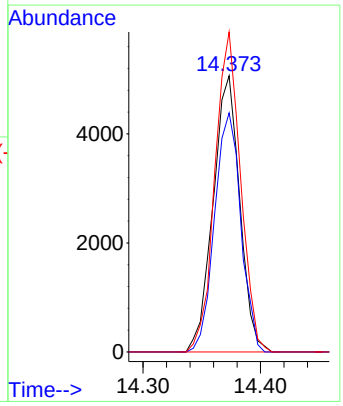


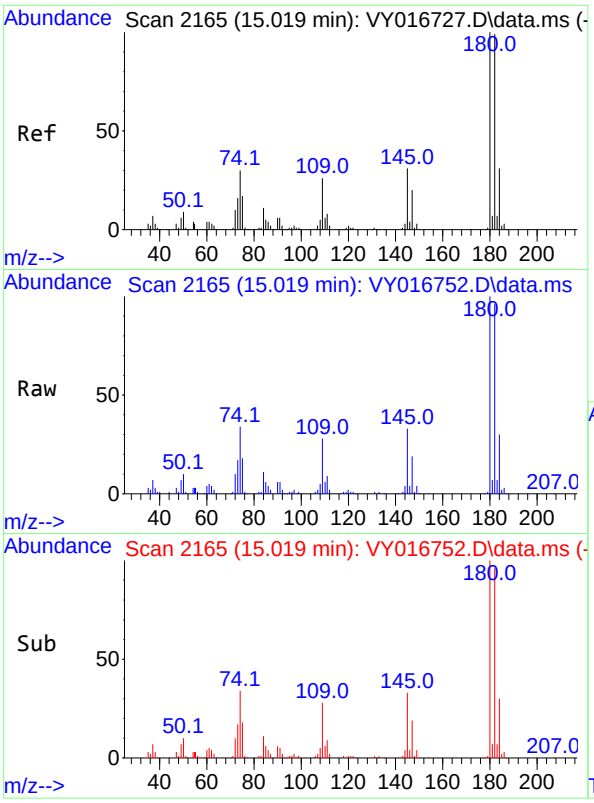


#92
1,2-Dibromo-3-Chloropropane
Concen: 39.641 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion: 75 Resp: 7990

Ion	Ratio	Lower	Upper
75	100		
155	85.2	42.1	126.3
157	111.4	55.8	167.4



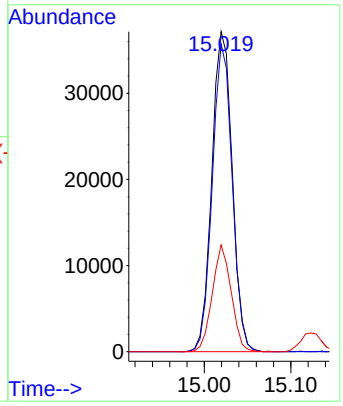


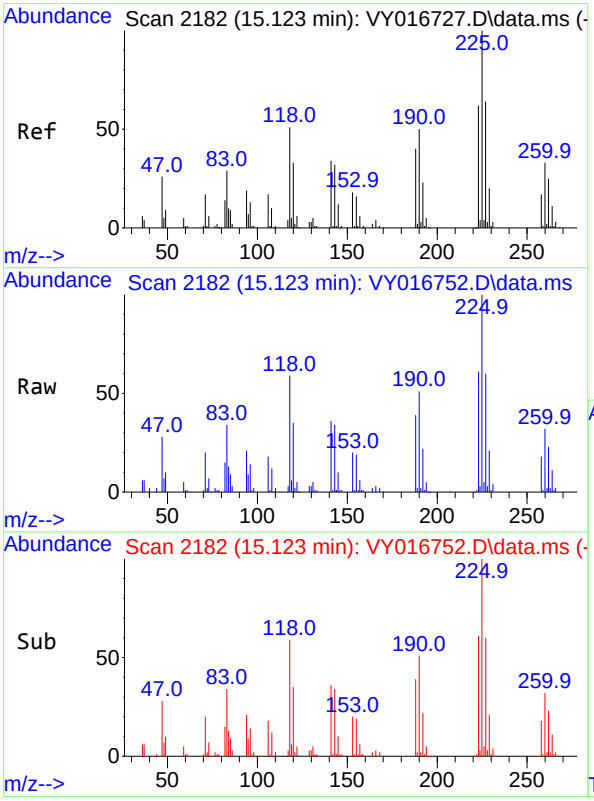
#93
1,2,4-Trichlorobenzene
Concen: 40.451 ug/l
RT: 15.019 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:180 Resp: 60660

Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.9	143.7
145	31.0	15.9	47.7

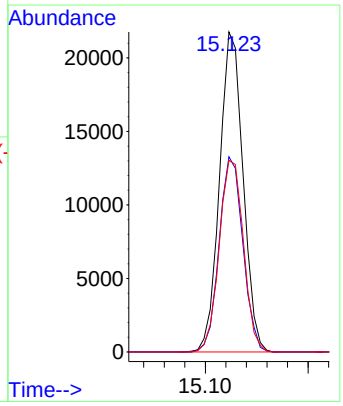


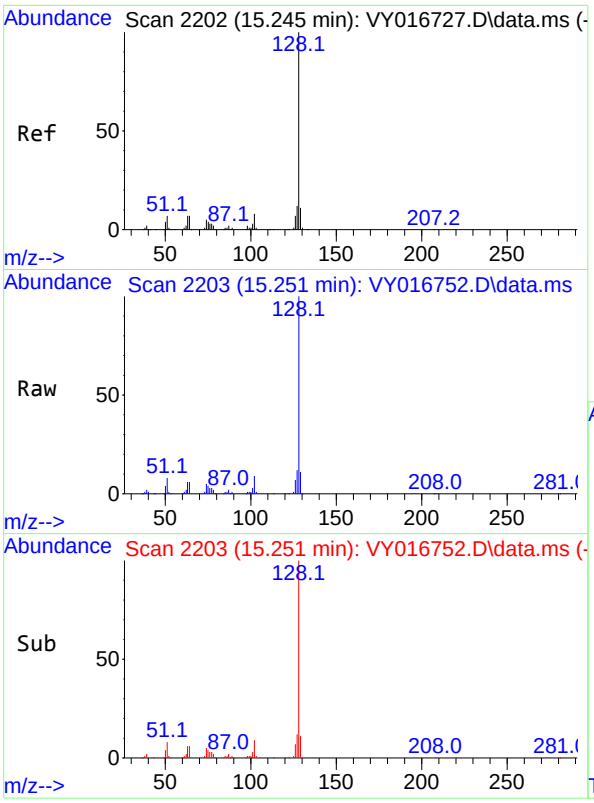


#94
Hexachlorobutadiene
Concen: 40.479 ug/l
RT: 15.123 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion:225 Resp: 34477

Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.4	94.3
227	61.8	32.3	96.8



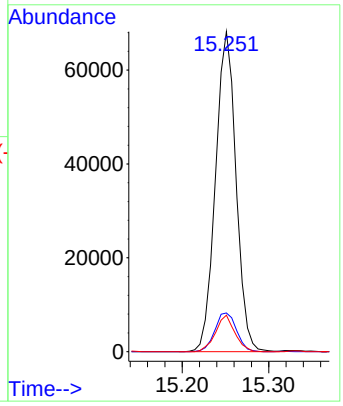


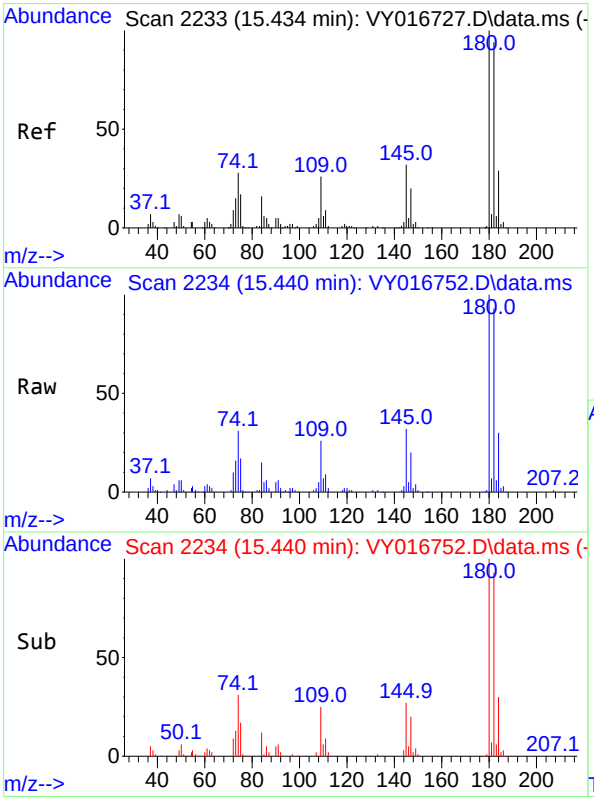
#95
Naphthalene
Concen: 35.876 ug/l
RT: 15.251 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Instrument :
MSVOA_Y
ClientSampleId :

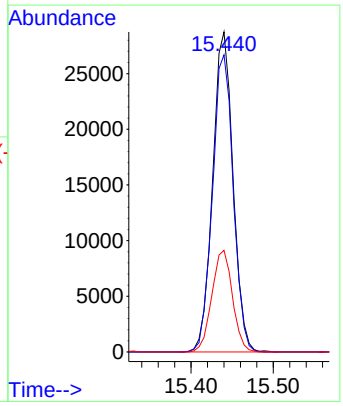
Tgt Ion:128 Resp: 112283

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.8	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: 38.710 ug/l
RT: 15.440 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY016752.D
Acq: 21 Dec 2023 09:51

Tgt Ion:180 Resp: 49438

Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.3	138.8
145	32.2	16.1	48.2