Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121123\
Data File : VV033225.D
Acq On : 11 Dec 2023 20:00
Operator : SY/MD
Sample : 05685-14MS
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Dec 12 00:43:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 08 21:51:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	279644	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	283843	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	175980	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	62492	37.382	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.760%			
7) Chloroethane-d5	1.529	69	49750	42.712	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.420%			
11) 1,1-Dichloroethene-d2	2.060	65	25930	40.773	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.540%			
21) 2-Butanone-d5	3.780	46	87009	104.791	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.790%			
24) Chloroform-d	4.249	84	170817	48.149	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.300%			
26) 1,2-Dichloroethane-d4	4.941	65	107815	48.880	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.760%			
32) Benzene-d6	4.960	84	305173	45.971	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.940%			
36) 1,2-Dichloropropane-d6	5.989	67	82277	46.096	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.200%			
41) Toluene-d8	7.243	98	292518	46.192	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.380%			
43) trans-1,3-Dichloroprop...	7.551	79	50614	44.843	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.680%			
47) 2-Hexanone-d5	8.024	63	77427	107.978	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.980%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	137078	54.024	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.040%			
66) 1,2-Dichlorobenzene-d4	11.561	152	148747	47.506	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	144284	47.203	ug/L	99
3) Chloromethane	1.214	50	96862	48.046	ug/L	100
5) Vinyl chloride	1.282	62	93930	48.581	ug/L	99
6) Bromomethane	1.484	94	64015	50.739	ug/L	98
8) Chloroethane	1.548	64	52457	50.960	ug/L	97
9) Trichlorofluoromethane	1.712	101	170810	53.538	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	80531	53.752	ug/L	99
12) 1,1-Dichloroethene	2.069	96	76404	54.497	ug/L	94
13) Acetone	2.108	43	58463	73.756	ug/L	99
14) Carbon disulfide	2.240	76	228397	45.407	ug/L	99
15) Methyl Acetate	2.368	43	62393	47.227	ug/L	91
16) Methylene chloride	2.445	84	94077	50.675	ug/L	91
17) trans-1,2-Dichloroethene	2.693	96	91687	49.809	ug/L	97
18) Methyl tert-butyl Ether	2.699	73	290062	51.872	ug/L	99
19) 1,1-Dichloroethane	3.111	63	153404	50.352	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	102072	52.259	ug/L	98
22) 2-Butanone	3.860	43	91175	90.385	ug/L	100
23) Bromochloromethane	4.146	128	56731	50.584	ug/L	96
25) Chloroform	4.275	83	186716	53.288	ug/L	99

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Dec 12 00:43:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 08 21:51:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	146898	53.054	ug/L	98
29) Cyclohexane	4.584	56	121987	46.530	ug/L	96
30) 1,1,1-Trichloroethane	4.513	97	183787	52.392	ug/L	98
31) Carbon tetrachloride	4.738	117	171603	52.611	ug/L	99
33) Benzene	5.008	78	371705	51.677	ug/L	100
34) Trichloroethene	5.831	95	103749	48.281	ug/L	97
35) Methylcyclohexane	6.050	83	153023	49.066	ug/L	98
37) 1,2-Dichloropropane	6.092	63	85522	51.375	ug/L	100
38) Bromodichloromethane	6.432	83	142404	53.063	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	154219	51.056	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	193132	109.271	ug/L	98
42) Toluene	7.313	91	430679	53.135	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	157159	51.453	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	102427	53.068	ug/L	99
46) Tetrachloroethene	7.905	164	95208	51.540	ug/L	96
48) 2-Hexanone	8.072	43	153259	104.585	ug/L	99
49) Dibromochloromethane	8.175	129	123986	53.811	ug/L	100
50) 1,2-Dibromoethane	8.281	107	109990	53.451	ug/L	98
51) Chlorobenzene	8.812	112	292292	51.281	ug/L	100
52) Ethylbenzene	8.947	91	486506	52.147	ug/L	99
53) m,p-Xylene	9.072	106	195152	52.820	ug/L	92
54) o-Xylene	9.477	106	189928	52.095	ug/L	100
55) Styrene	9.493	104	340356	53.966	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	146543	55.571	ug/L	97
59) Bromoform	9.664	173	102023	53.416	ug/L	99
60) Isopropylbenzene	9.866	105	523415	51.584	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	117185	53.403	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	414350	50.684	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	438176	51.465	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	271513	50.086	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	275923	49.000	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	271477	51.083	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	36371	54.018	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	203892	46.956	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	183041	45.627	ug/L	98
71) Naphthalene	13.439	128	481278	49.193	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	192548	49.741	ug/L	99

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

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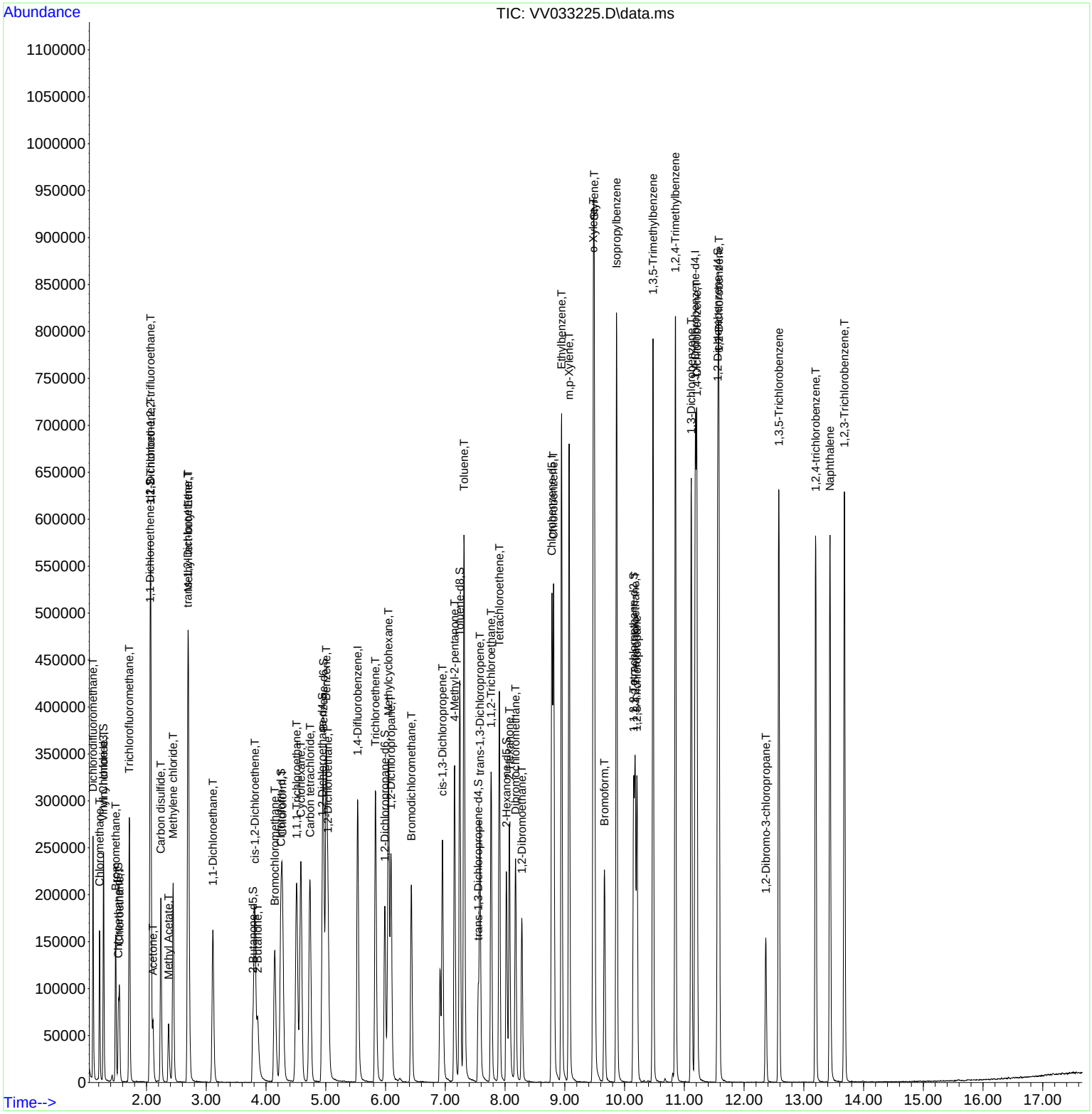
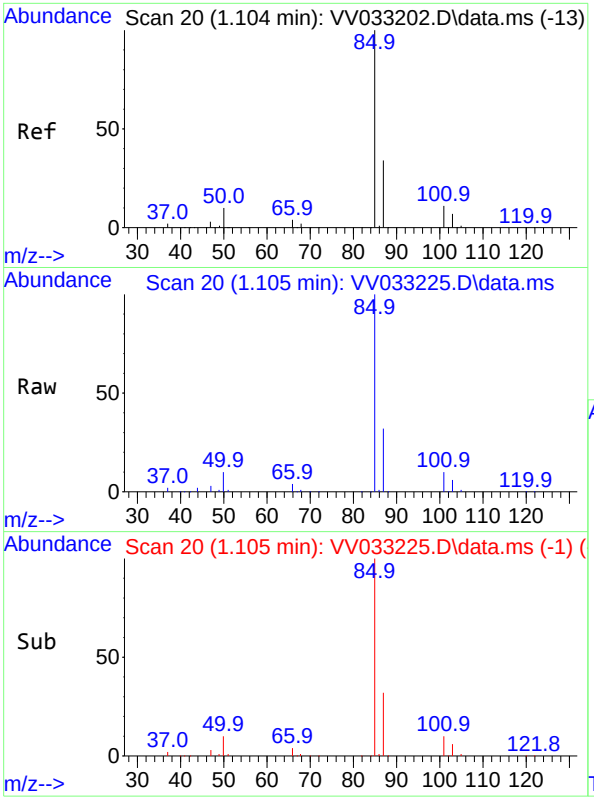
Quant Title : VOC Analysis
QLast Update : Fri Dec 08 21:51:12 2023
Response via : Initial Calibration



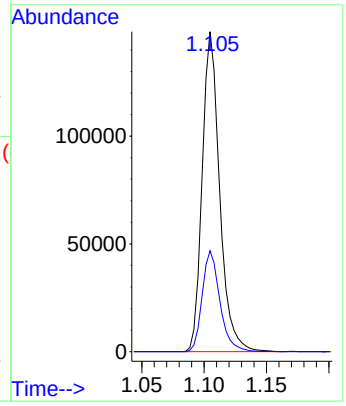


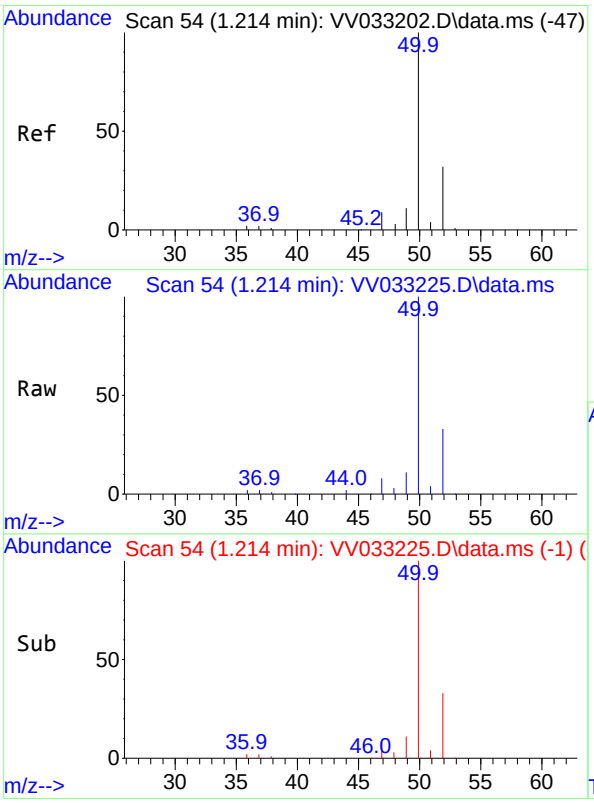
#2
Dichlorodifluoromethane
Concen: 47.203 ug/L
RT: 1.105 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 85 Resp: 144284

Ion	Ratio	Lower	Upper
85	100		
87	31.9	26.0	39.0

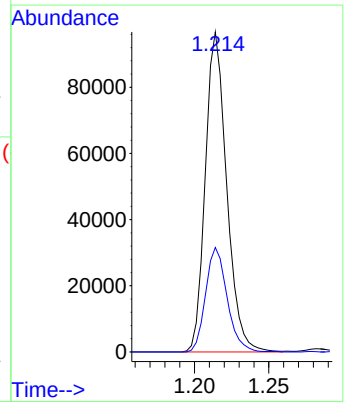


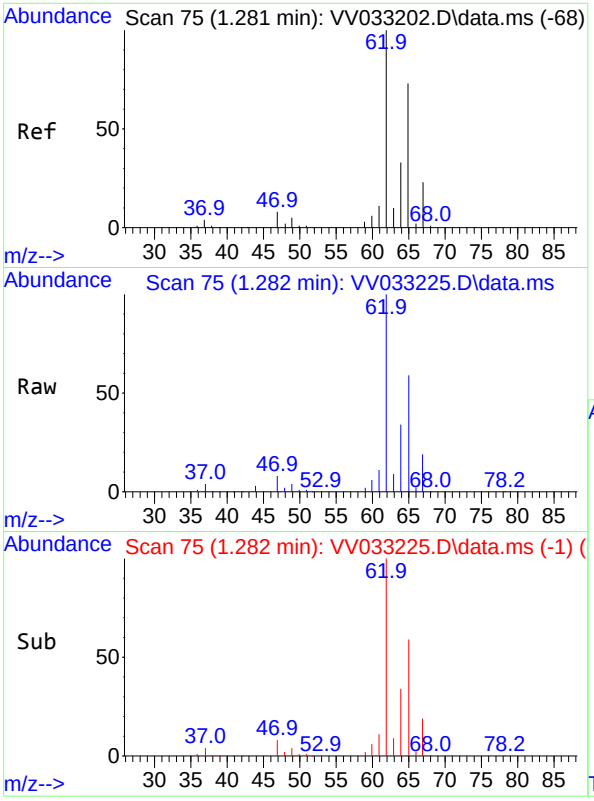


#3
Chloromethane
Concen: 48.046 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion: 50 Resp: 96862

Ion	Ratio	Lower	Upper
50	100		
52	32.6	22.8	42.4



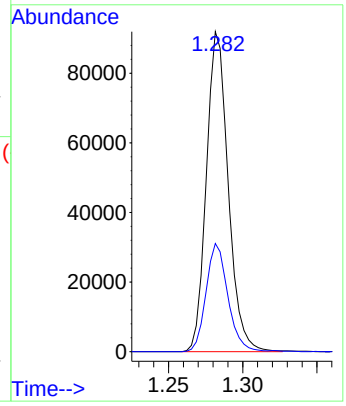


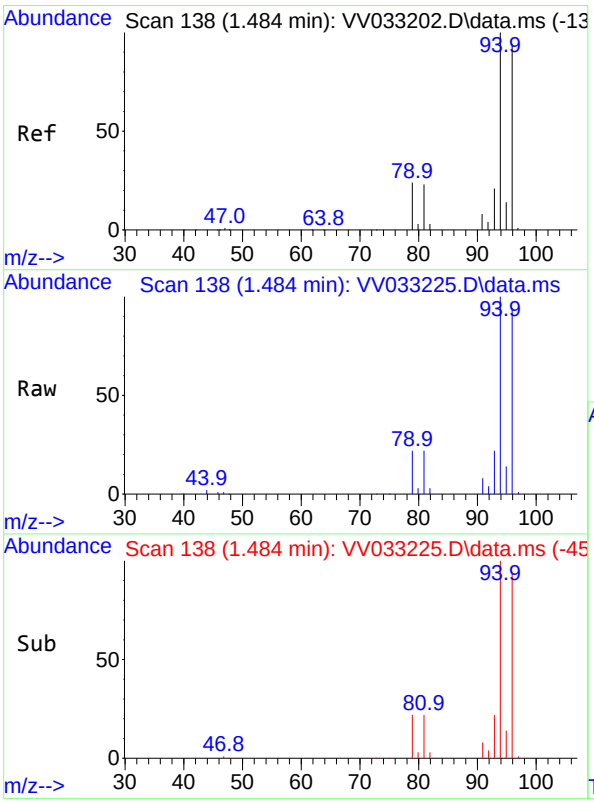
#5
Vinyl chloride
Concen: 48.581 ug/L
RT: 1.282 min Scan# 7
Delta R.T. -0.003 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 93930

Ion	Ratio	Lower	Upper
62	100		
64	33.8	24.2	45.0

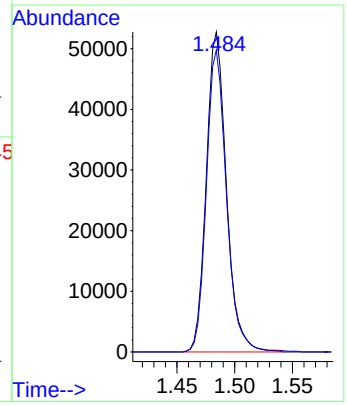


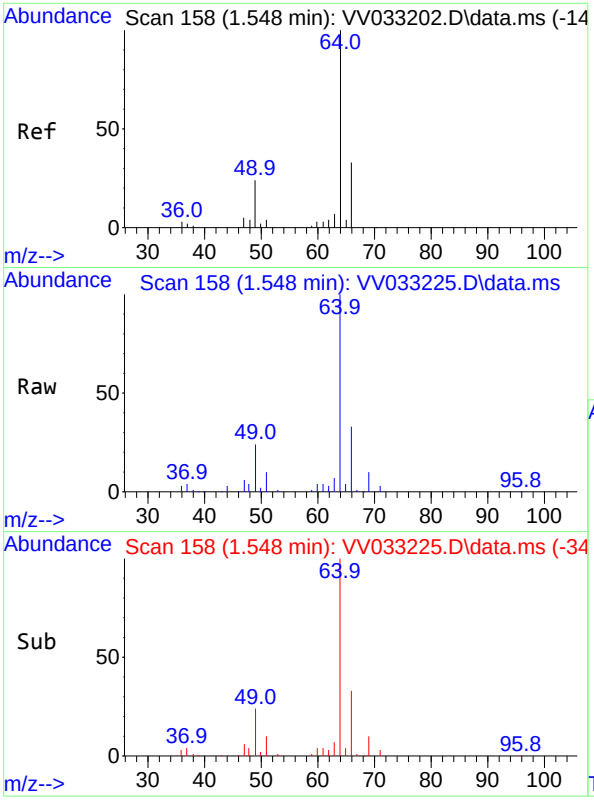


#6
Bromomethane
Concen: 50.739 ug/L
RT: 1.484 min Scan# 138
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion: 94 Resp: 64015

Ion	Ratio	Lower	Upper
94	100		
96	94.4	67.1	124.7



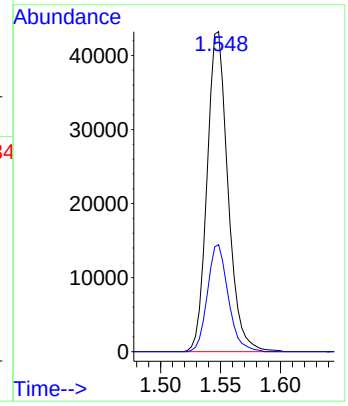


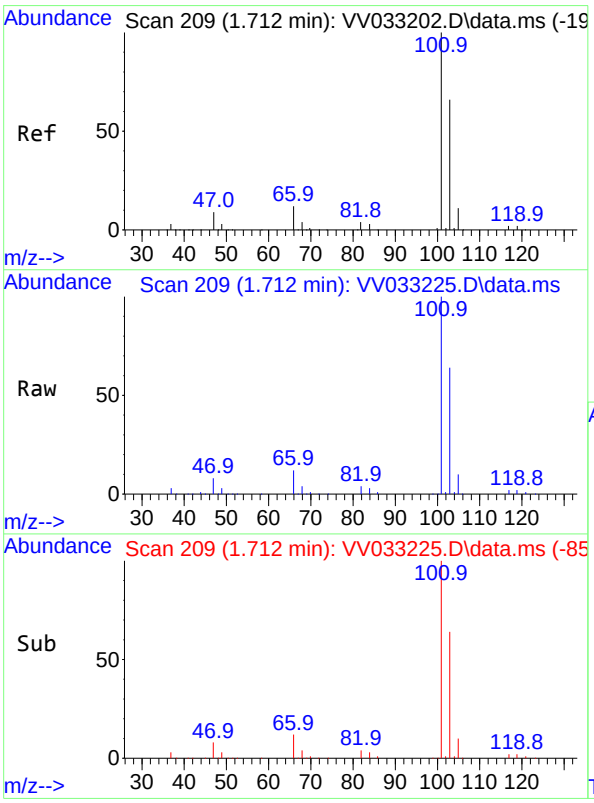
#8
Chloroethane
Concen: 50.960 ug/L
RT: 1.548 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 64 Resp: 52457

Ion	Ratio	Lower	Upper
64	100		
66	33.5	22.3	41.5

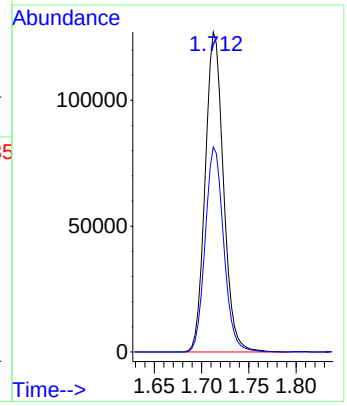


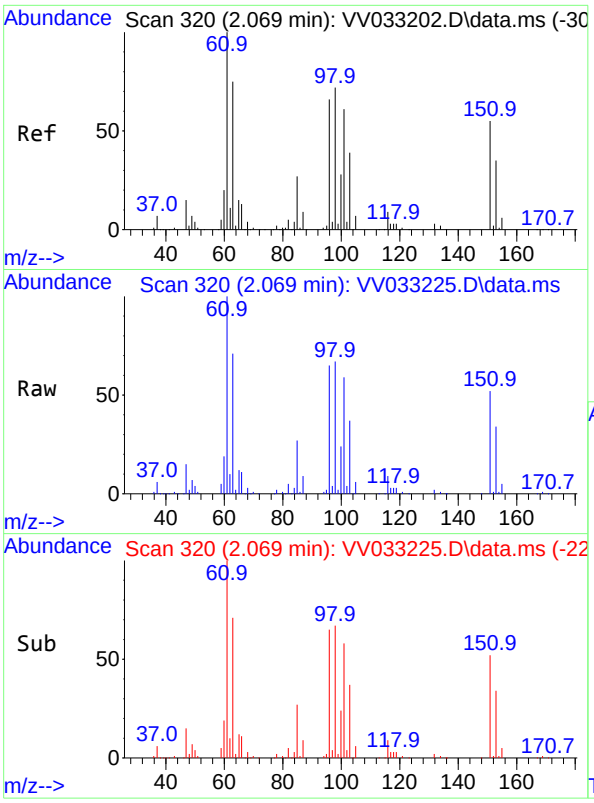


#9
Trichlorofluoromethane
Concen: 53.538 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion:101 Resp: 170810

Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.3	76.9



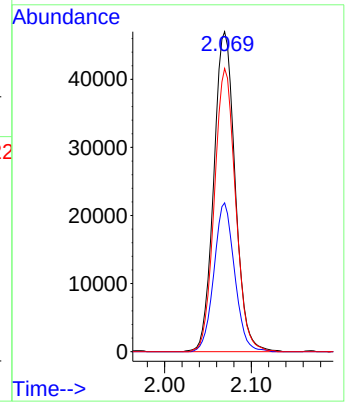


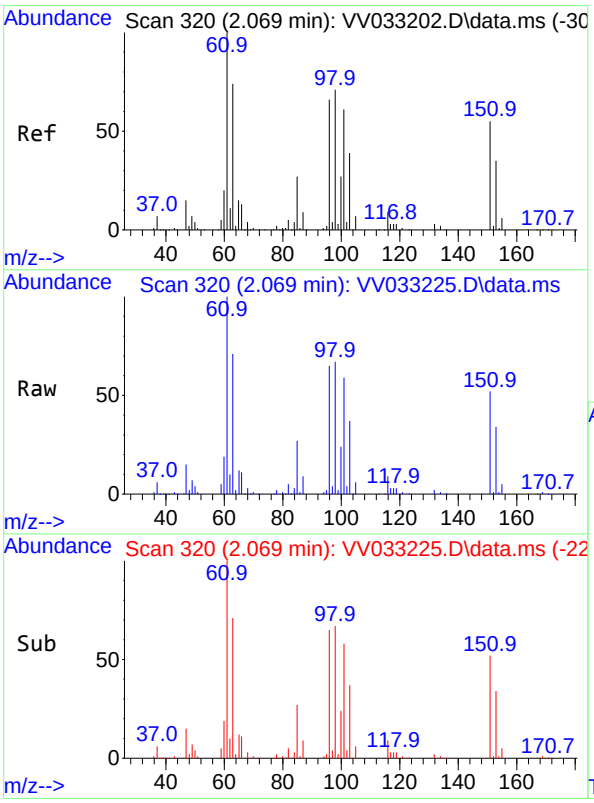
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 53.752 ug/L
RT: 2.069 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 80531

Ion	Ratio	Lower	Upper
101	100		
85	45.0	36.0	54.0
151	87.7	69.1	103.7

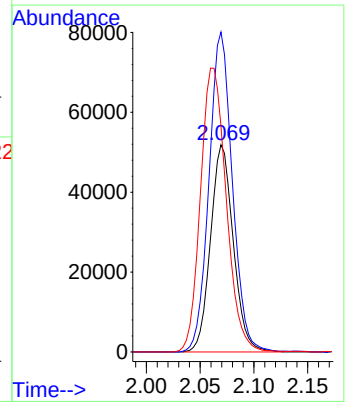


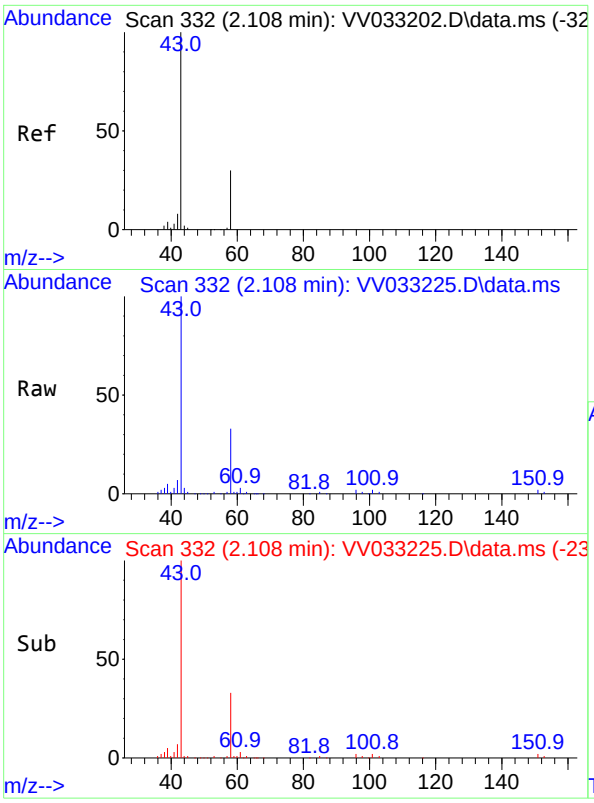


#12
1,1-Dichloroethene
Concen: 54.497 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion: 96 Resp: 76404

Ion	Ratio	Lower	Upper
96	100		
61	154.4	109.1	202.7
63	109.1	85.3	158.3



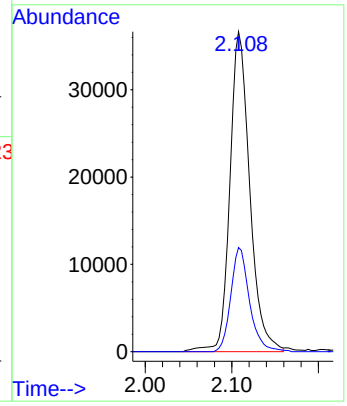


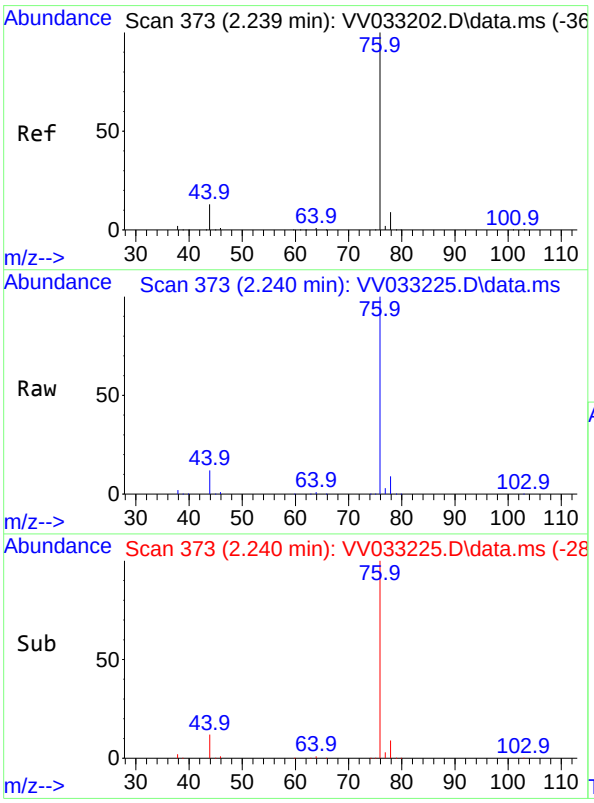
#13
Acetone
Concen: 73.756 ug/L
RT: 2.108 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 58463

Ion	Ratio	Lower	Upper
43	100		
58	30.6	0.0	62.8

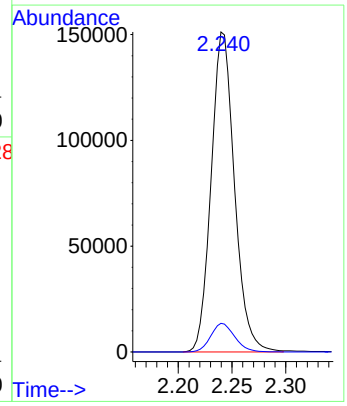


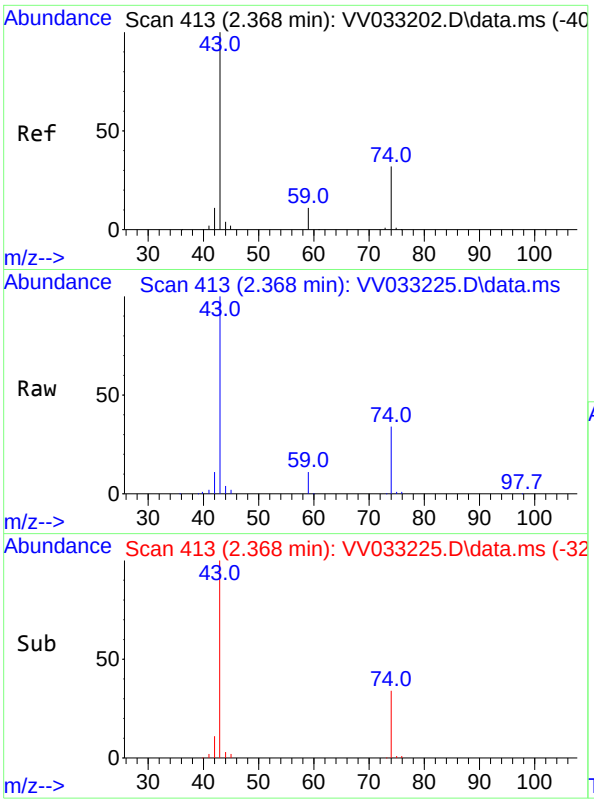


#14
Carbon disulfide
Concen: 45.407 ug/L
RT: 2.240 min Scan# 373
Delta R.T. -0.003 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion: 76 Resp: 228397

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0



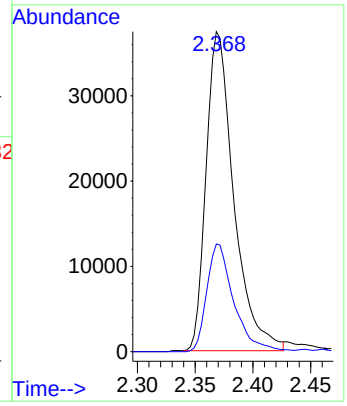


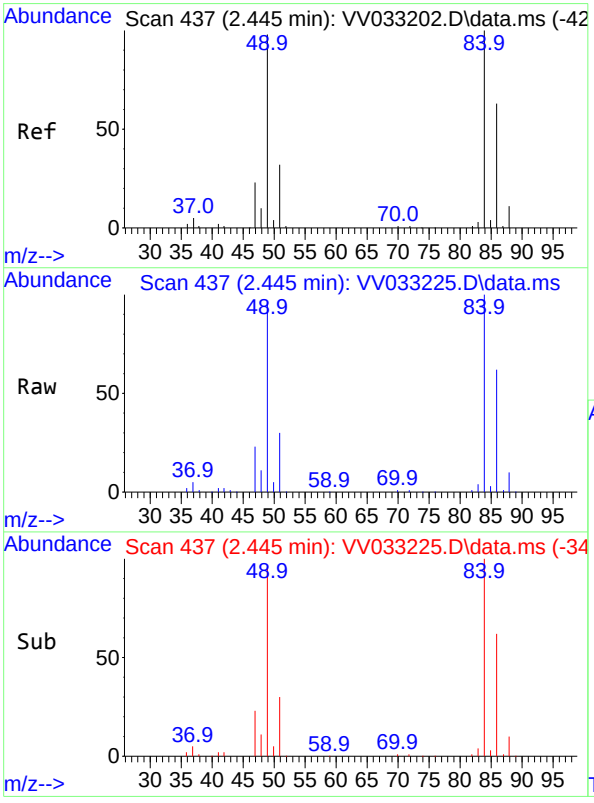
#15
Methyl Acetate
Concen: 47.227 ug/L
RT: 2.368 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 62393

Ion	Ratio	Lower	Upper
43	100		
74	32.9	22.6	33.8

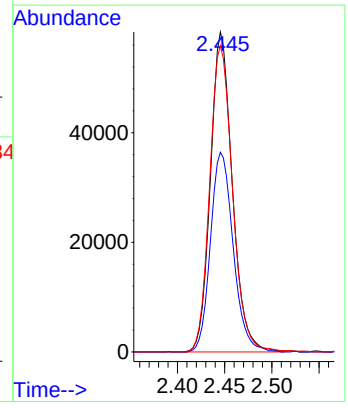


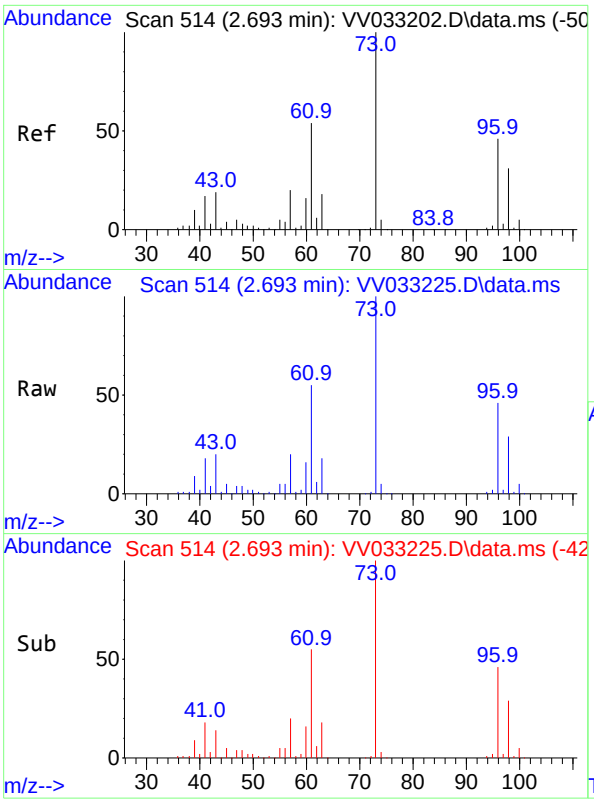


#16
Methylene chloride
Concen: 50.675 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion: 84 Resp: 94077

Ion	Ratio	Lower	Upper
84	100		
86	62.4	45.9	85.3
49	95.7	75.5	140.1



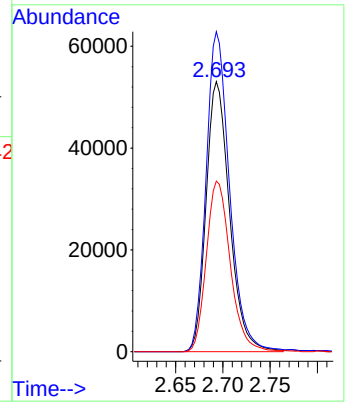


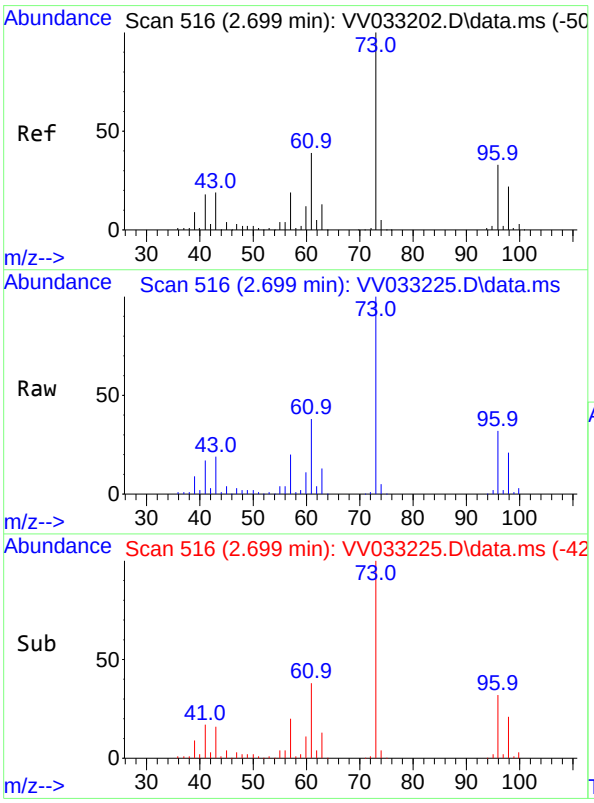
#17
trans-1,2-Dichloroethene
Concen: 49.809 ug/L
RT: 2.693 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 91687

Ion	Ratio	Lower	Upper
96	100		
61	118.5	86.5	160.6
98	63.2	45.1	83.7

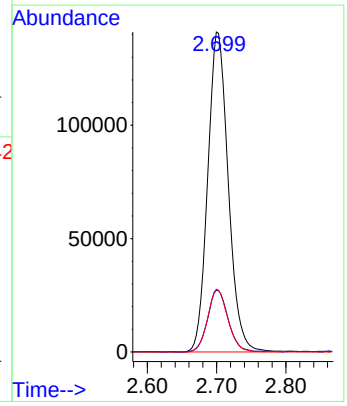


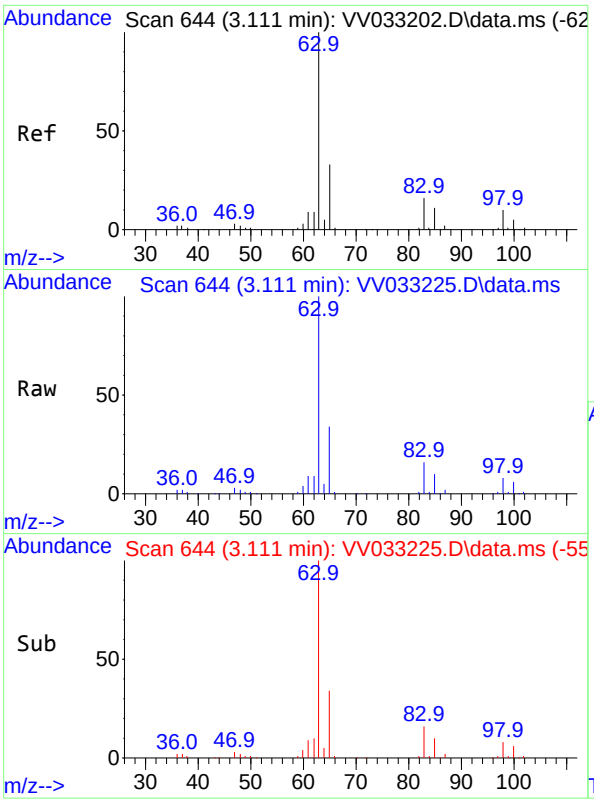


#18
Methyl tert-butyl Ether
Concen: 51.872 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion: 73 Resp: 290062

Ion	Ratio	Lower	Upper
73	100		
43	19.3	15.4	23.2
57	19.4	16.1	24.1



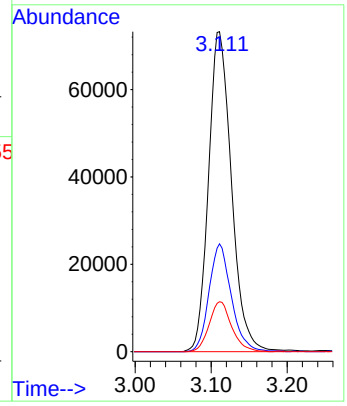


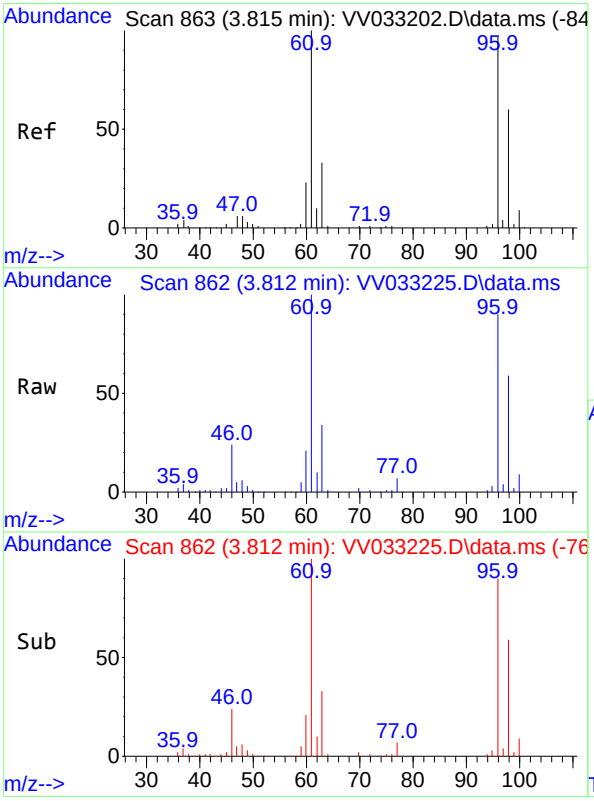
#19
1,1-Dichloroethane
Concen: 50.352 ug/L
RT: 3.111 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 153404

Ion	Ratio	Lower	Upper
63	100		
65	33.7	23.0	42.6
83	15.6	11.4	21.2

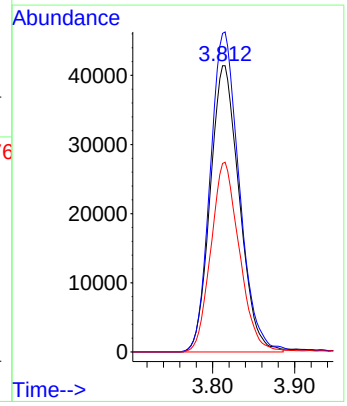


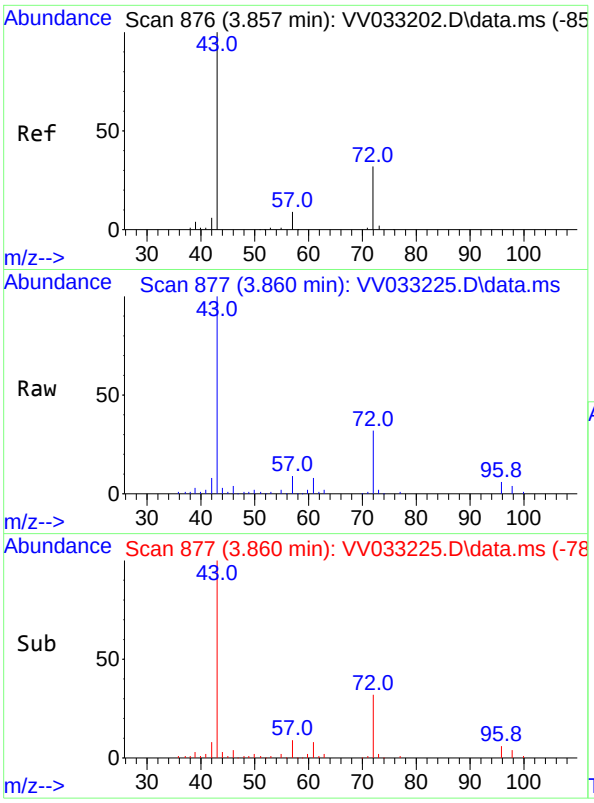


#20
cis-1,2-Dichloroethene
Concen: 52.259 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion: 96 Resp: 102072

Ion	Ratio	Lower	Upper
96	100		
61	111.3	79.1	146.9
98	65.8	45.1	83.7



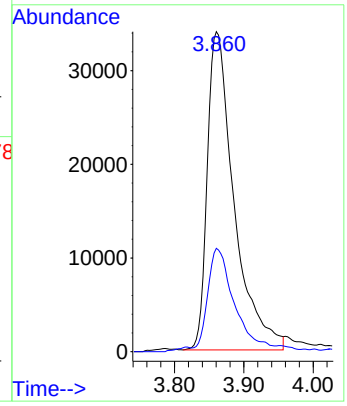


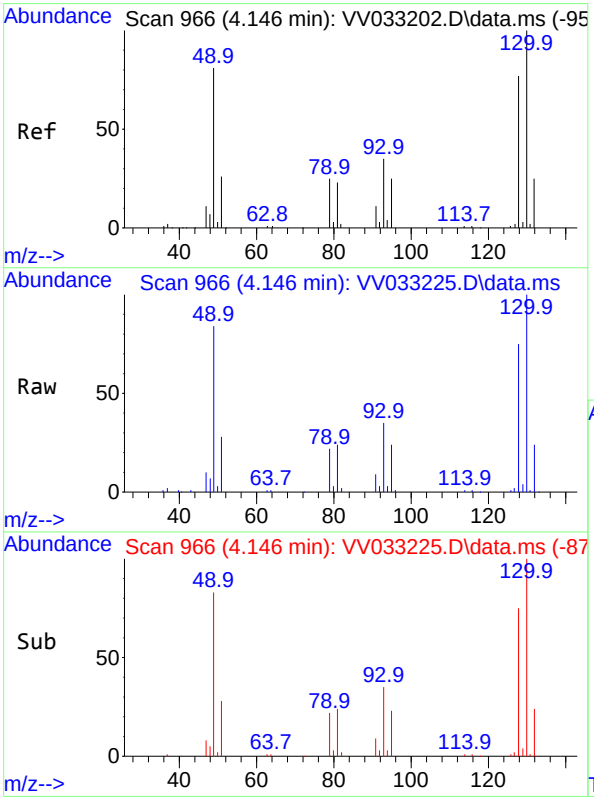
#22
2-Butanone
Concen: 90.385 ug/L
RT: 3.860 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 91175

Ion	Ratio	Lower	Upper
43	100		
72	29.1	14.6	43.8

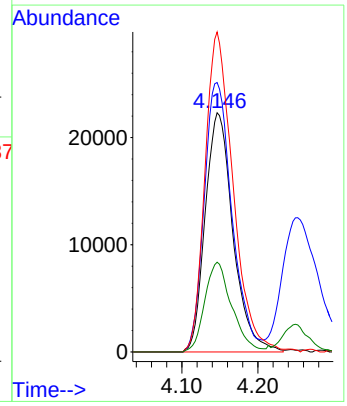


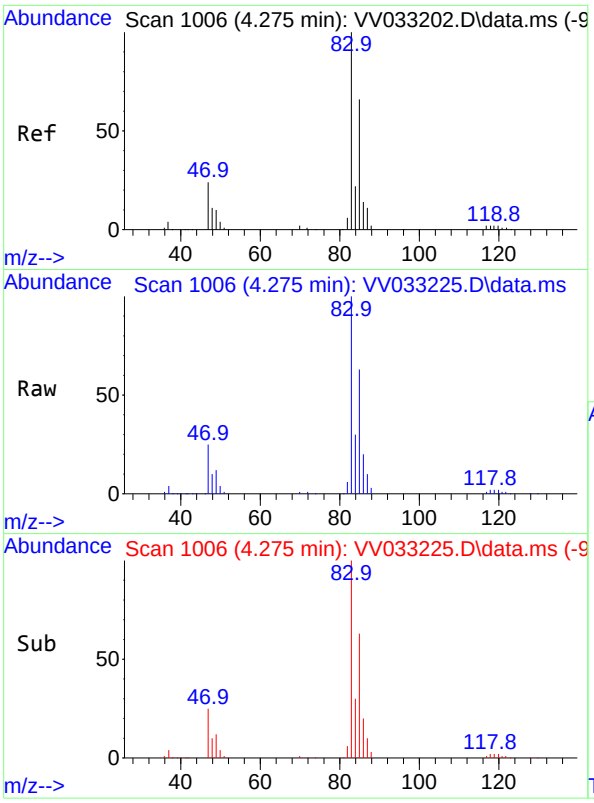


#23
Bromochloromethane
Concen: 50.584 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion:128 Resp: 56731

Ion	Ratio	Lower	Upper
128	100		
49	112.7	81.7	151.7
130	133.8	90.1	167.3
51	37.5	30.5	45.7



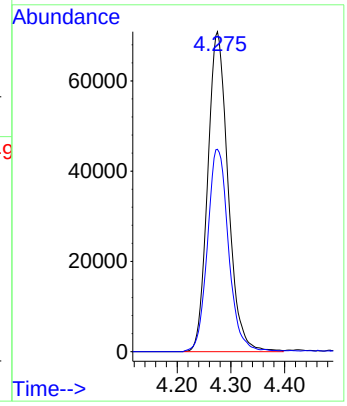


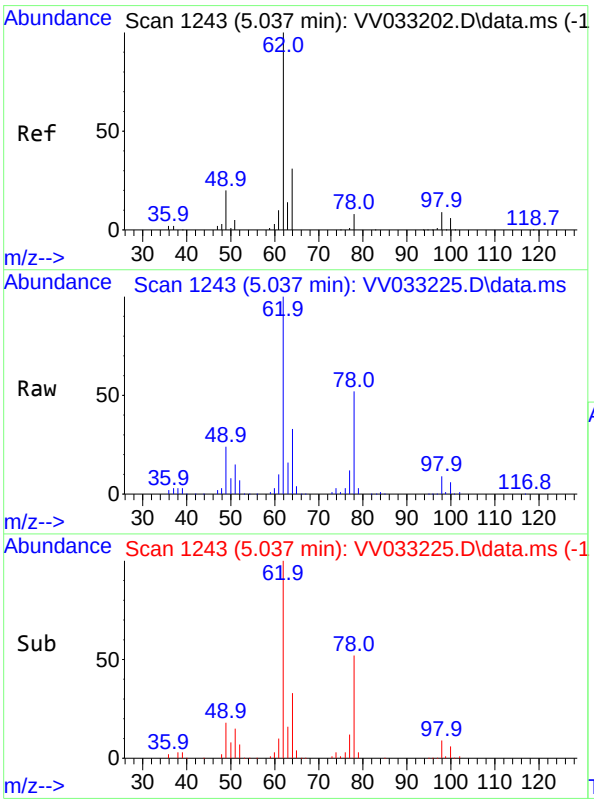
#25
Chloroform
Concen: 53.288 ug/L
RT: 4.275 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 186716

Ion	Ratio	Lower	Upper
83	100		
85	63.2	43.5	80.7

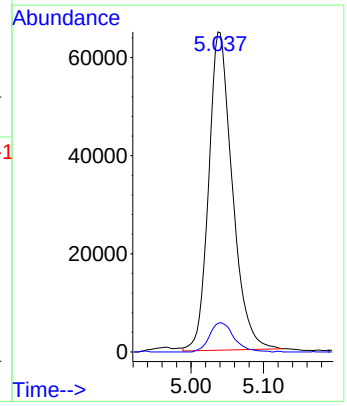


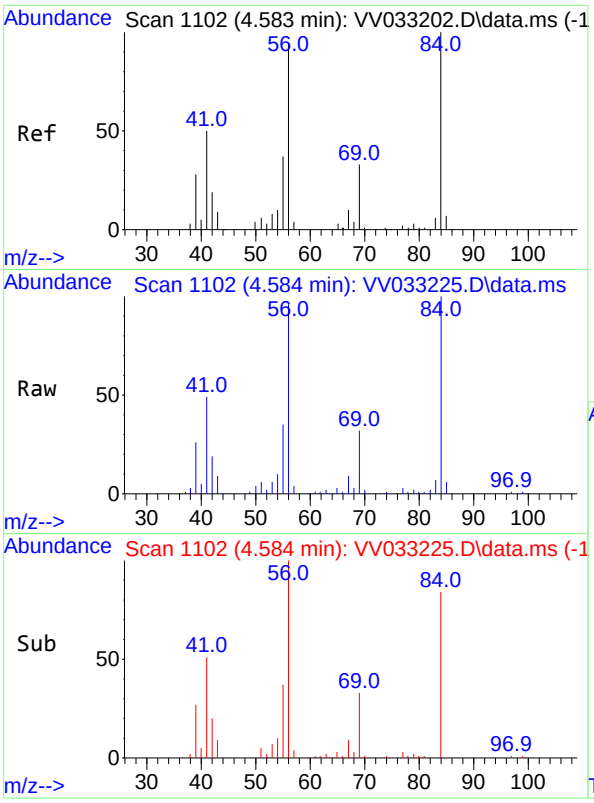


#27
1,2-Dichloroethane
Concen: 53.054 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion: 62 Resp: 146898

Ion	Ratio	Lower	Upper
62	100		
98	8.9	7.8	11.8



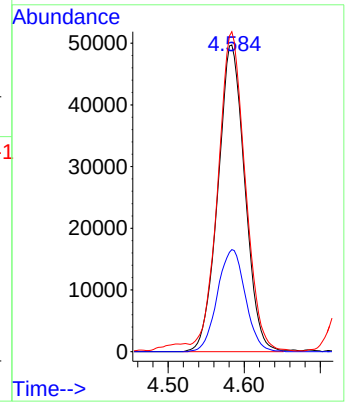


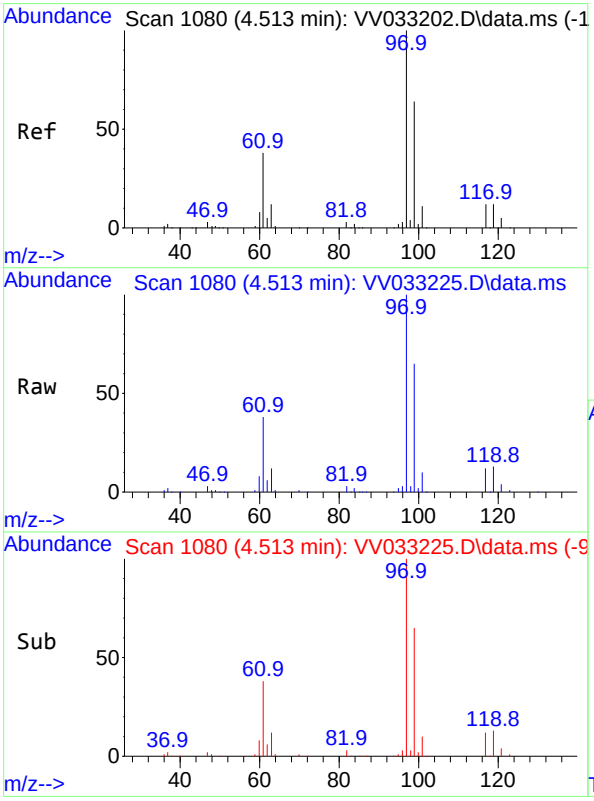
#29
Cyclohexane
Concen: 46.530 ug/L
RT: 4.584 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 121987

Ion	Ratio	Lower	Upper
56	100		
69	34.5	26.9	40.3
84	105.4	80.6	121.0

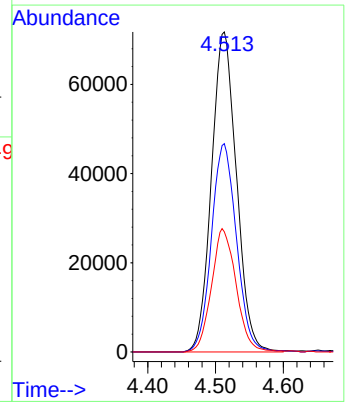


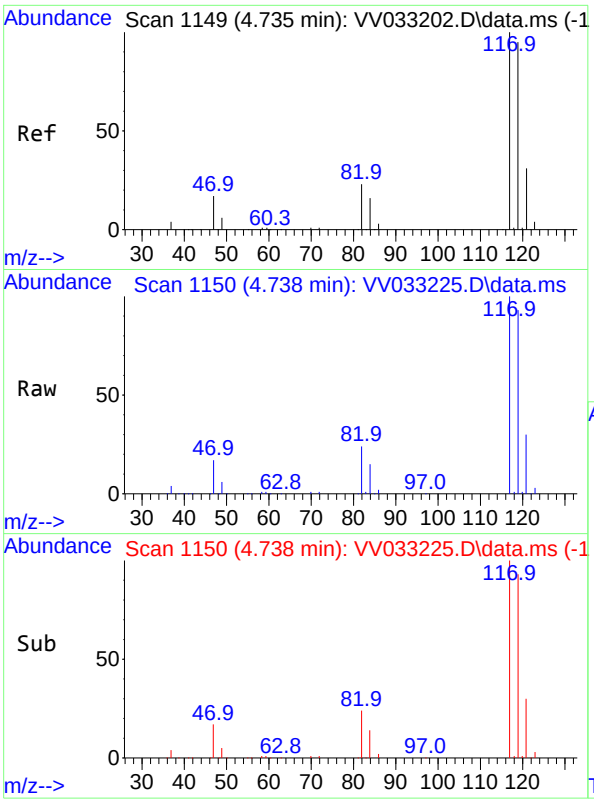


#30
1,1,1-Trichloroethane
Concen: 52.392 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion: 97 Resp: 183787

Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.3	76.9
61	37.8	31.8	47.8



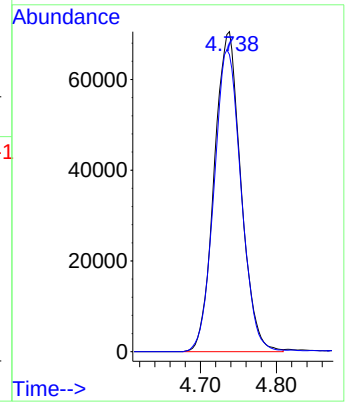


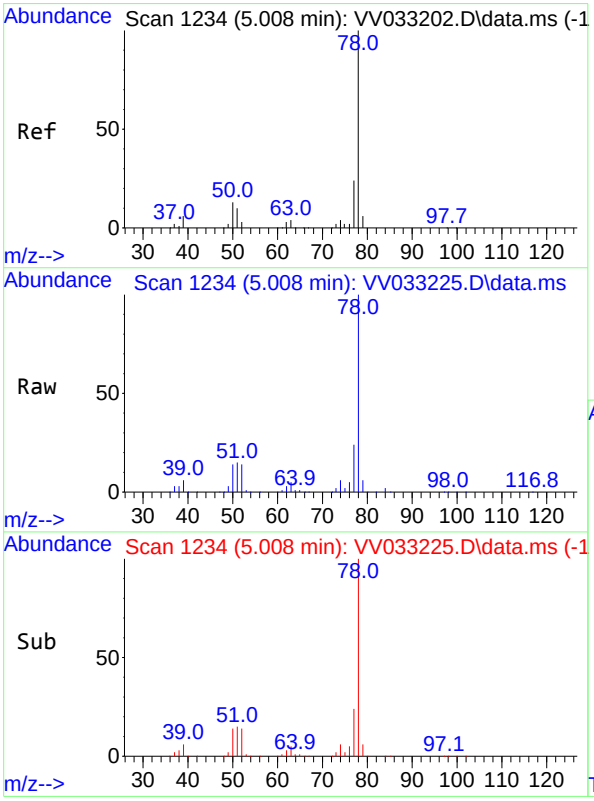
#31
Carbon tetrachloride
Concen: 52.611 ug/L
RT: 4.738 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:117 Resp: 171603

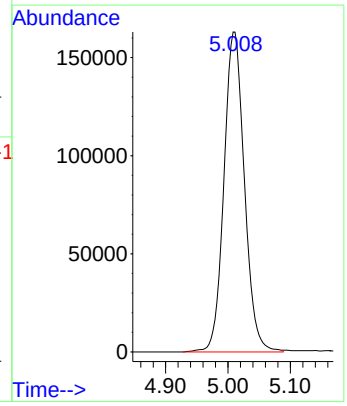
Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.5	116.3

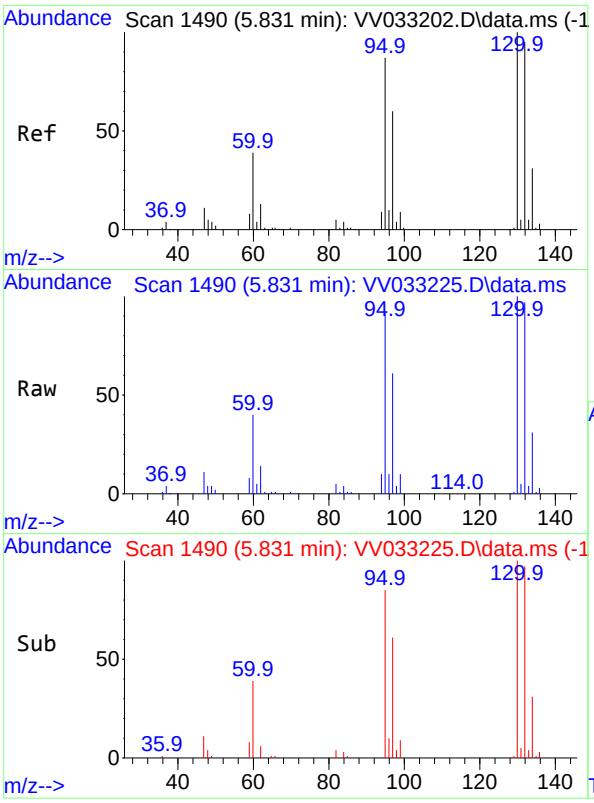




#33
Benzene
Concen: 51.677 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion: 78 Resp: 371705



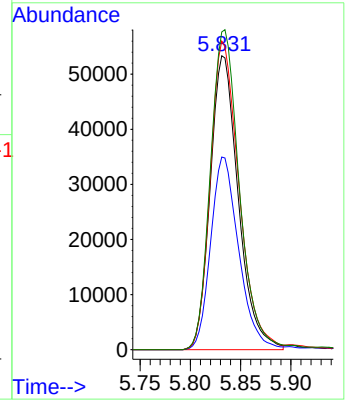


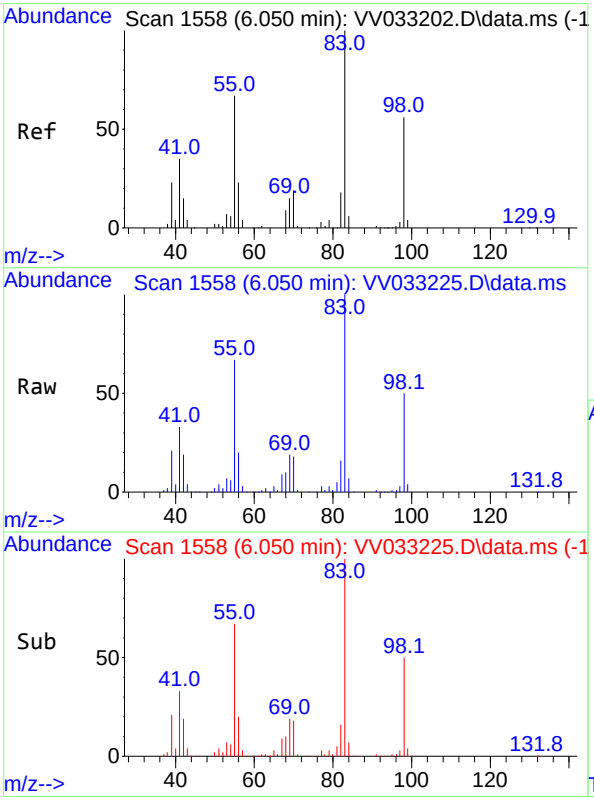
#34
Trichloroethene
Concen: 48.281 ug/L
RT: 5.831 min Scan# 14
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 103749

Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.8	85.0
132	105.0	77.4	143.8
130	108.1	76.9	142.7

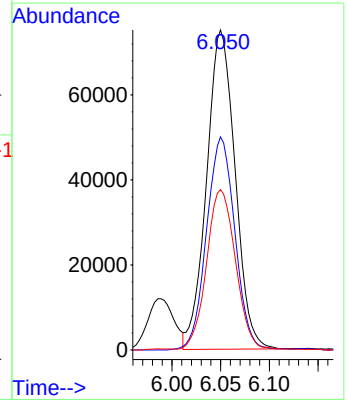


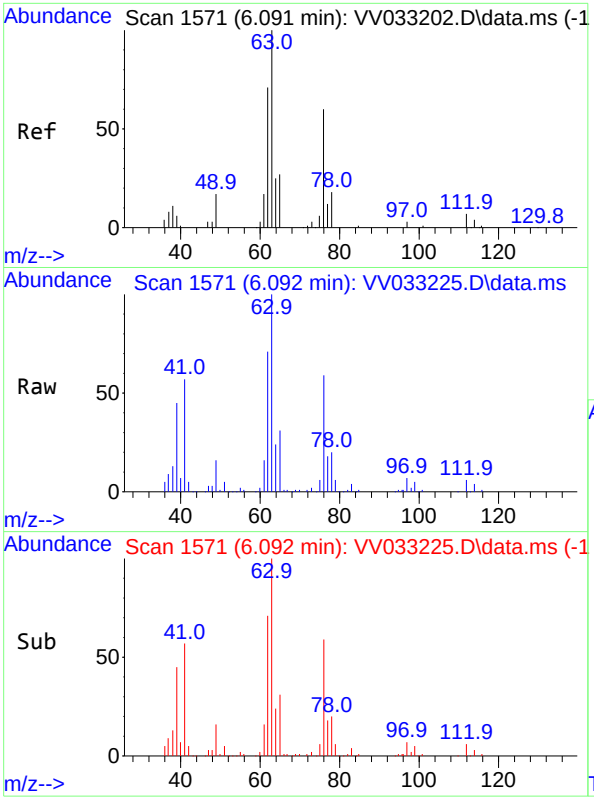


#35
Methylcyclohexane
Concen: 49.066 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion: 83 Resp: 153023

Ion	Ratio	Lower	Upper
83	100		
55	66.2	54.8	82.2
98	50.6	41.4	62.0



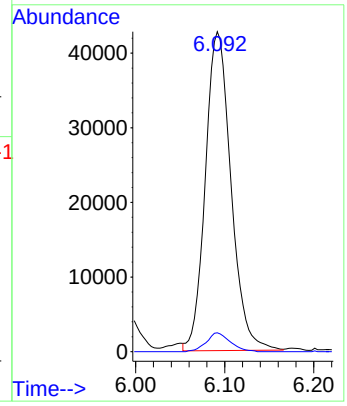


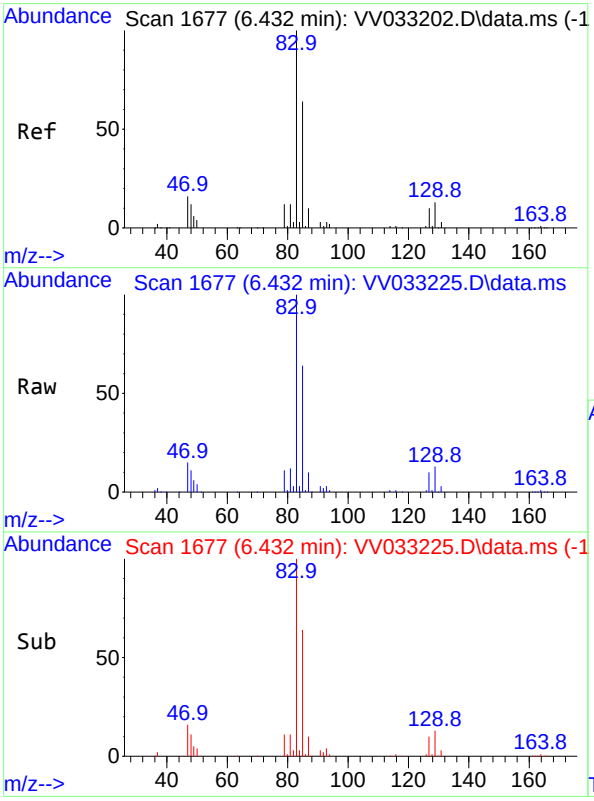
#37
1,2-Dichloropropane
Concen: 51.375 ug/L
RT: 6.092 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 85522

Ion	Ratio	Lower	Upper
63	100		
112	5.5	4.6	6.8

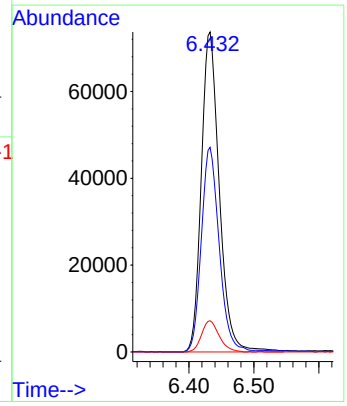


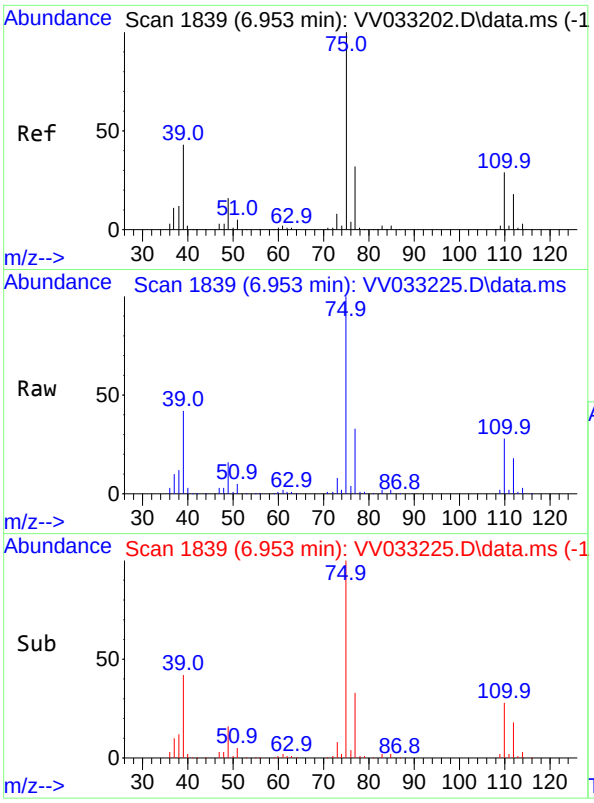


#38
Bromodichloromethane
Concen: 53.063 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion: 83 Resp: 142404

Ion	Ratio	Lower	Upper
83	100		
85	63.9	45.6	84.6
127	9.7	7.4	11.2



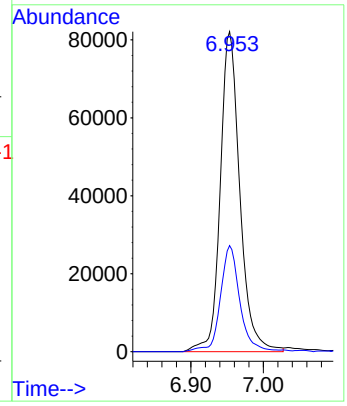


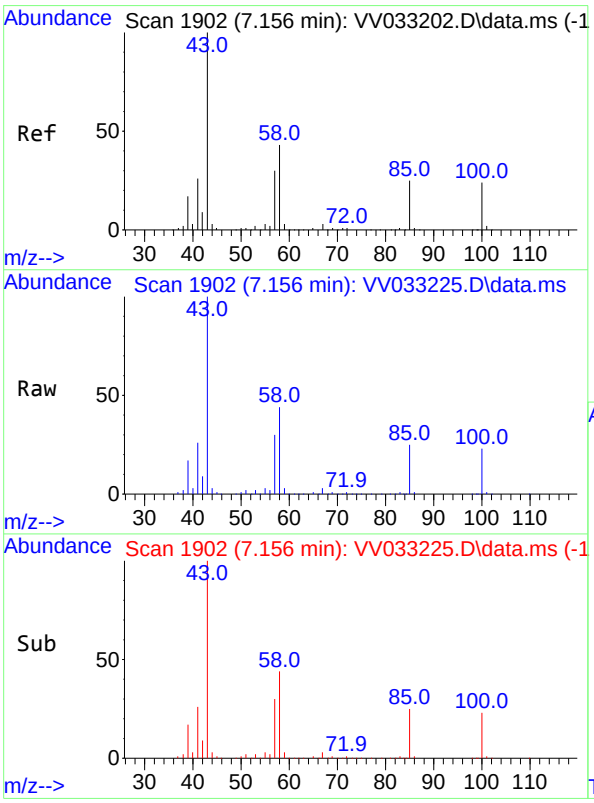
#39
cis-1,3-Dichloropropene
Concen: 51.056 ug/L
RT: 6.953 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 154219

Ion	Ratio	Lower	Upper
75	100		
77	33.2	22.4	41.6

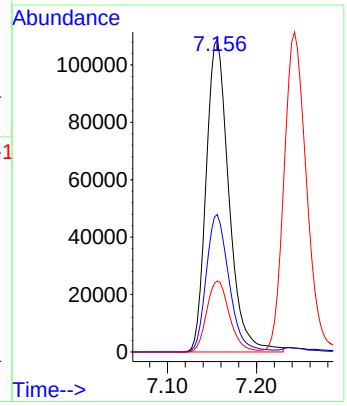


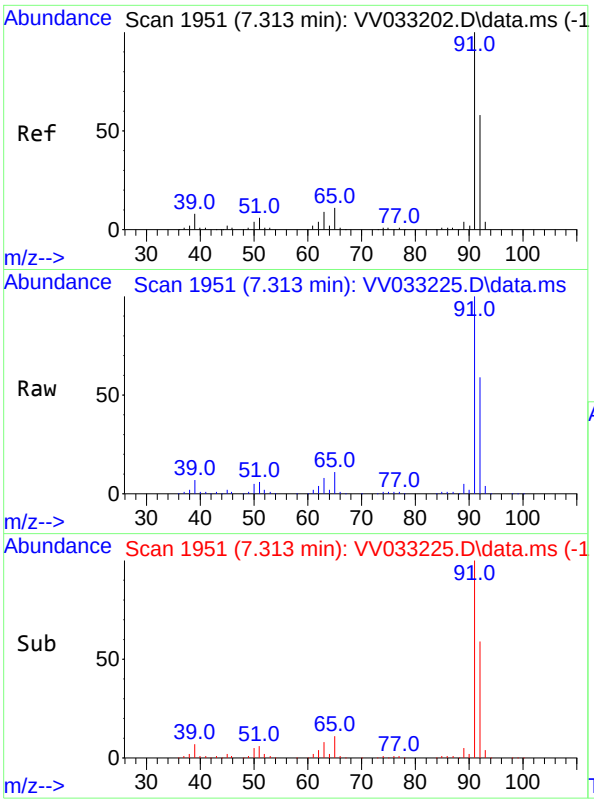


#40
4-Methyl-2-pentanone
Concen: 109.271 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. 0.003 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion: 43 Resp: 193132

Ion	Ratio	Lower	Upper
43	100		
58	44.2	34.5	51.7
100	22.6	17.0	25.6



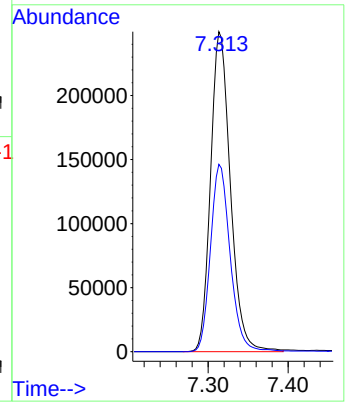


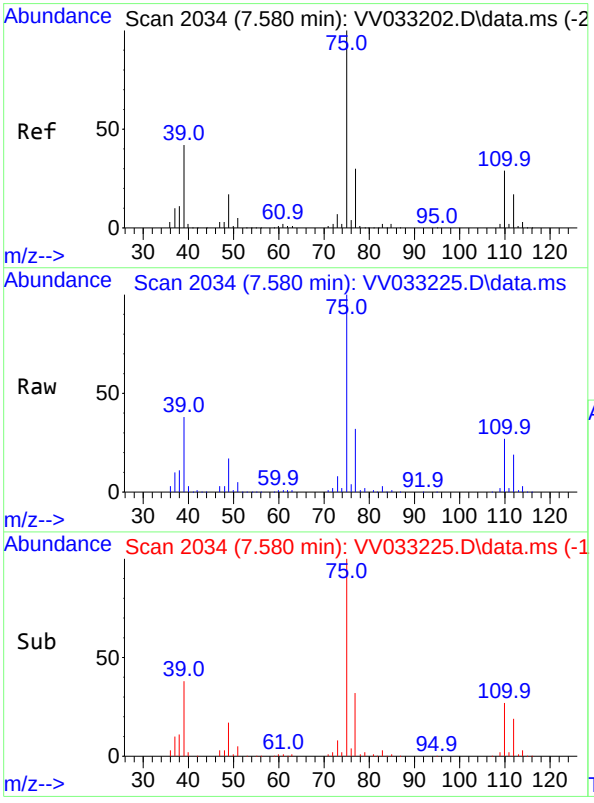
#42
Toluene
Concen: 53.135 ug/L
RT: 7.313 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 430679

Ion	Ratio	Lower	Upper
91	100		
92	58.5	41.3	76.7

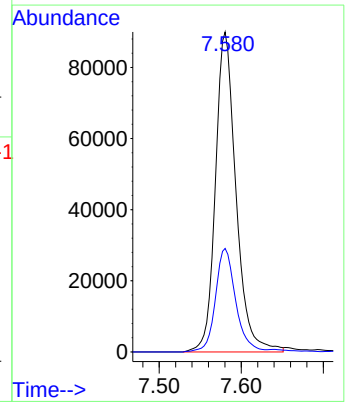


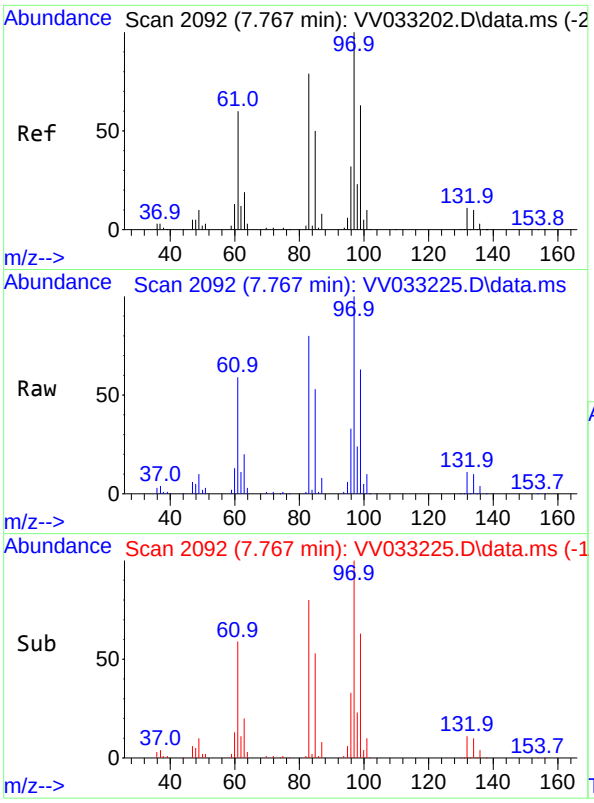


#44
trans-1,3-Dichloropropene
Concen: 51.453 ug/L
RT: 7.580 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion: 75 Resp: 157159

Ion	Ratio	Lower	Upper
75	100		
77	32.4	22.0	41.0



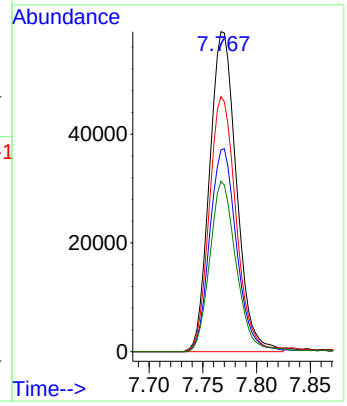


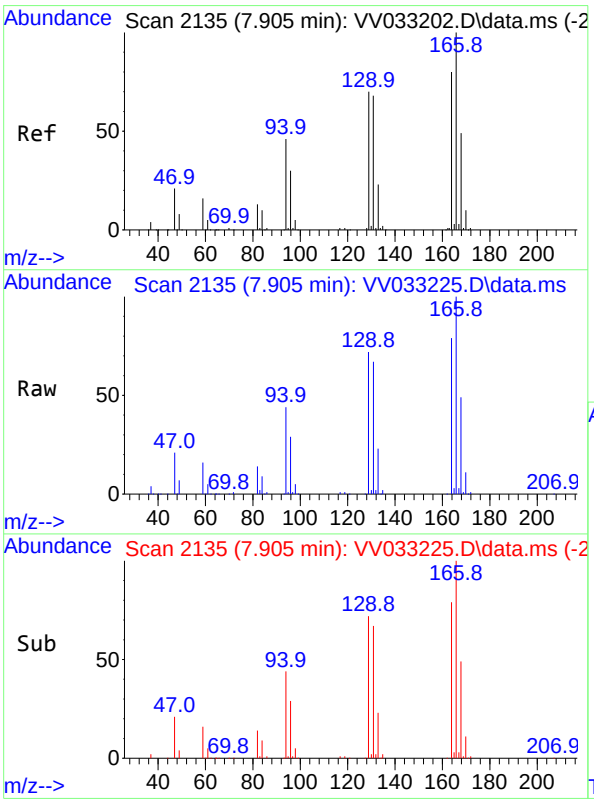
#45
1,1,2-Trichloroethane
Concen: 53.068 ug/L
RT: 7.767 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 102427

Ion	Ratio	Lower	Upper
97	100		
99	63.0	43.2	80.2
83	79.8	55.8	103.6
85	53.3	37.1	68.9

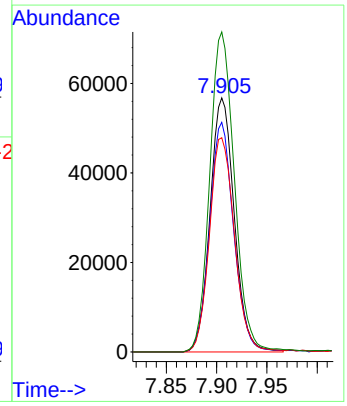


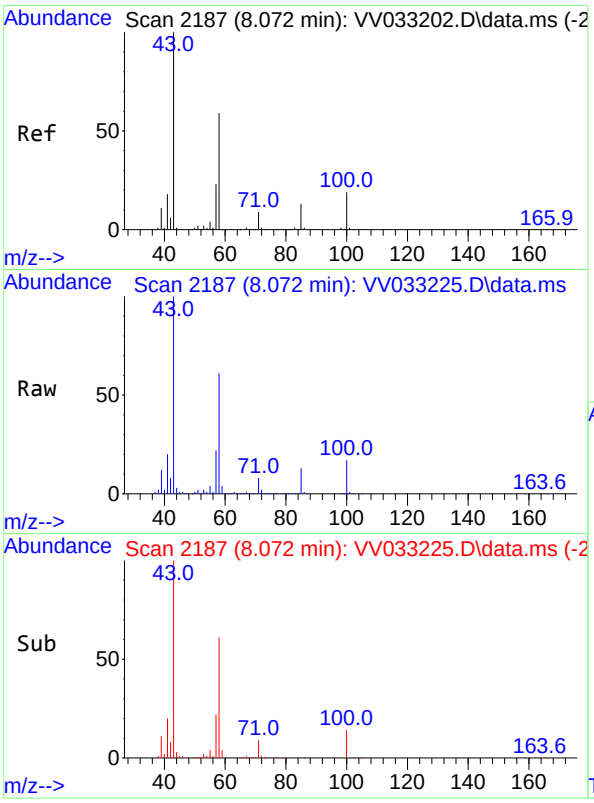


#46
Tetrachloroethene
Concen: 51.540 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion:164 Resp: 95208

Ion	Ratio	Lower	Upper
164	100		
129	90.4	65.6	121.8
131	84.3	64.7	120.1
166	125.9	89.4	166.0



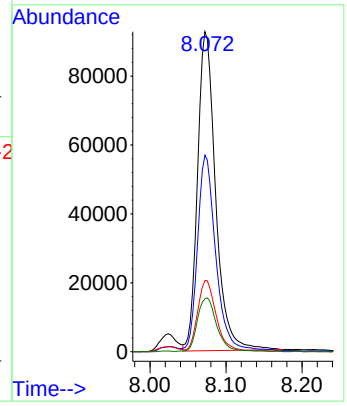


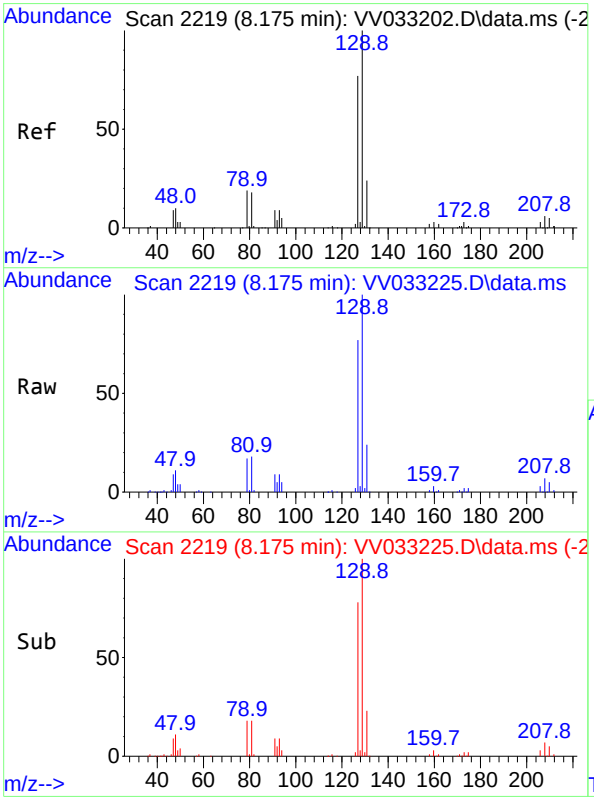
#48
2-Hexanone
Concen: 104.585 ug/L
RT: 8.072 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 153259

Ion	Ratio	Lower	Upper
43	100		
58	60.4	47.9	71.9
57	22.5	17.4	26.0
100	17.6	13.4	20.0

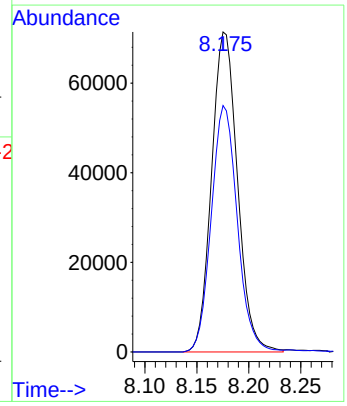


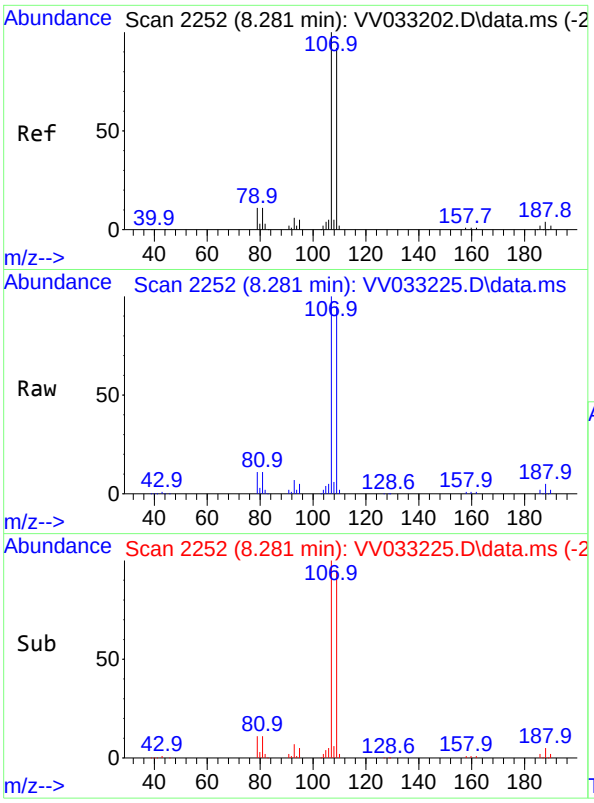


#49
Dibromochloromethane
Concen: 53.811 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion:129 Resp: 123986

Ion	Ratio	Lower	Upper
129	100		
127	77.0	54.1	100.5



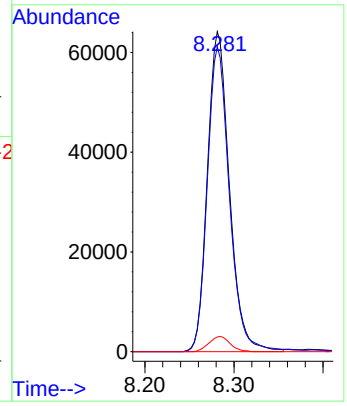


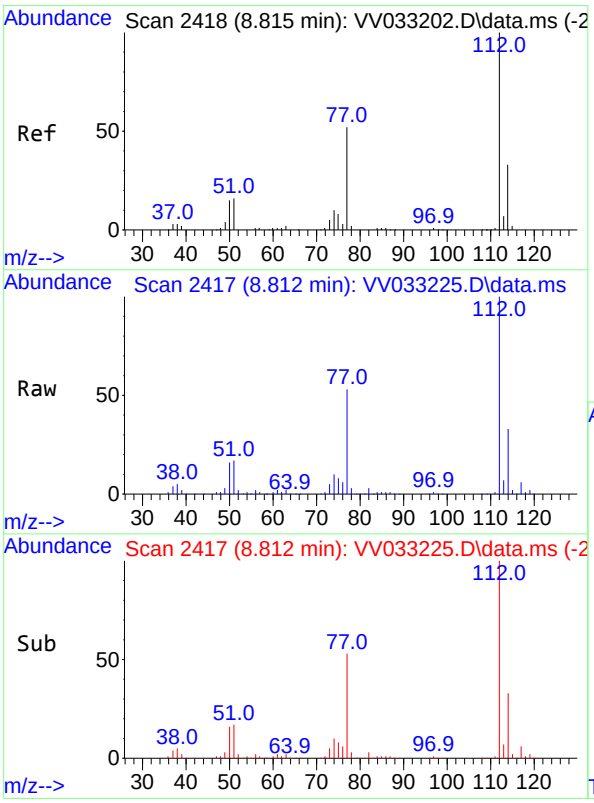
#50
1,2-Dibromoethane
Concen: 53.451 ug/L
RT: 8.281 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:107 Resp: 109990

Ion	Ratio	Lower	Upper
107	100		
109	95.3	65.2	121.2
188	4.6	3.8	5.6

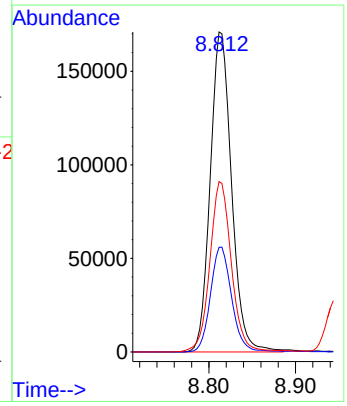


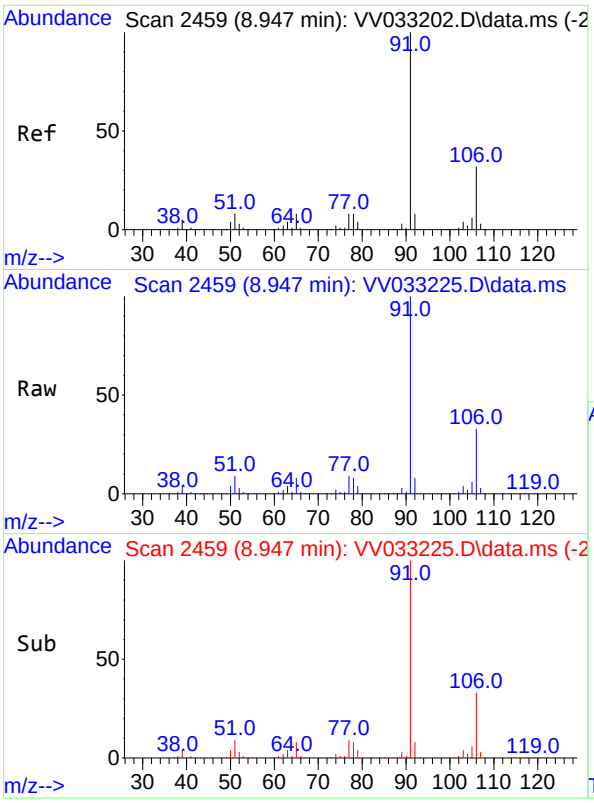


#51
Chlorobenzene
Concen: 51.281 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion:112 Resp: 292292

Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.9	42.5
77	53.3	42.6	64.0



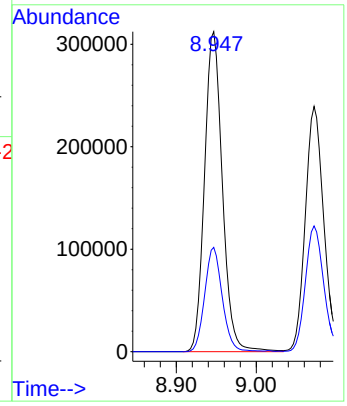


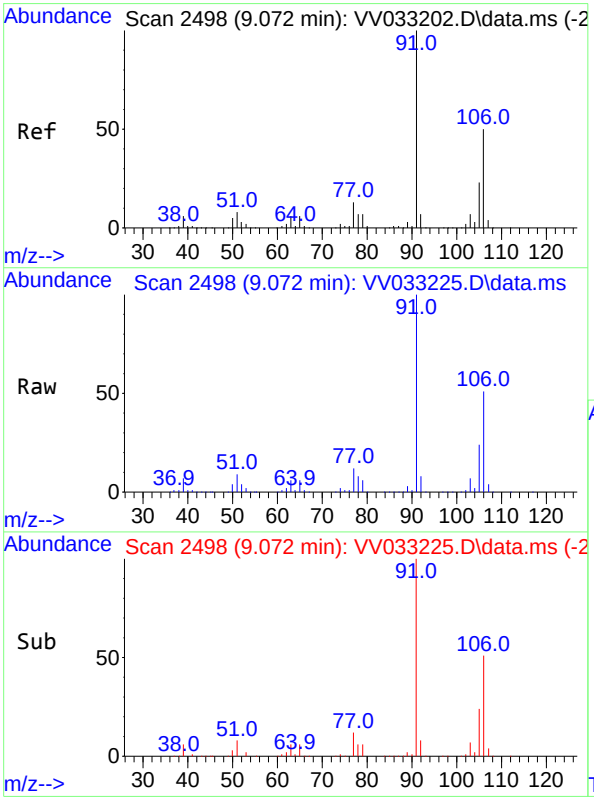
#52
Ethylbenzene
Concen: 52.147 ug/L
RT: 8.947 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 486506

Ion	Ratio	Lower	Upper
91	100		
106	32.6	22.6	42.0

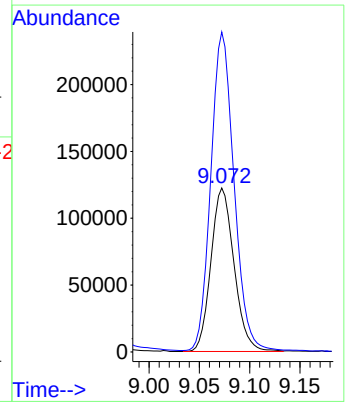


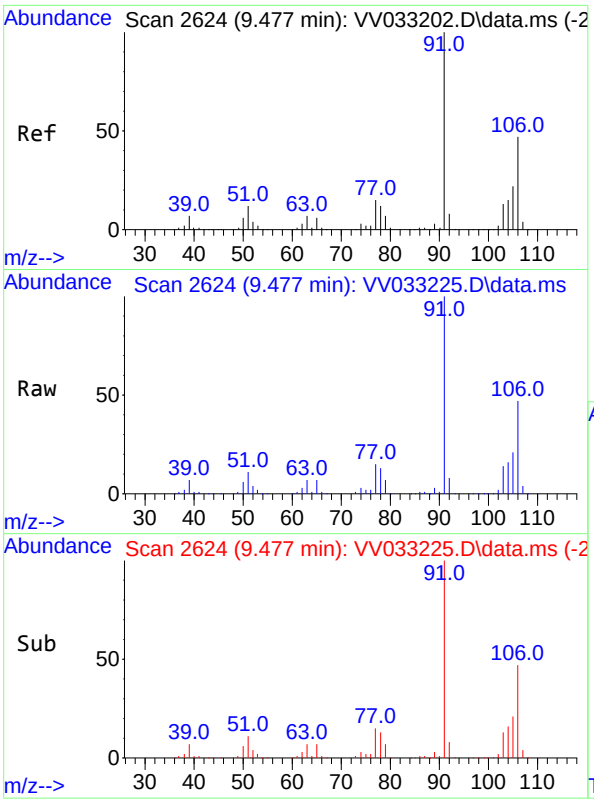


#53
m,p-Xylene
Concen: 52.820 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion:106 Resp: 195152

Ion	Ratio	Lower	Upper
106	100		
91	195.1	145.2	269.6



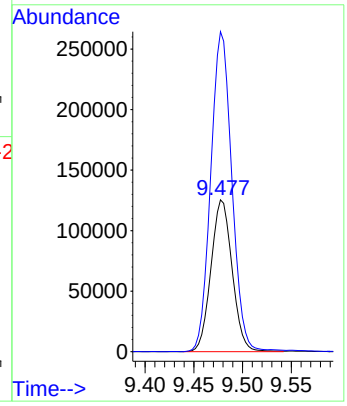


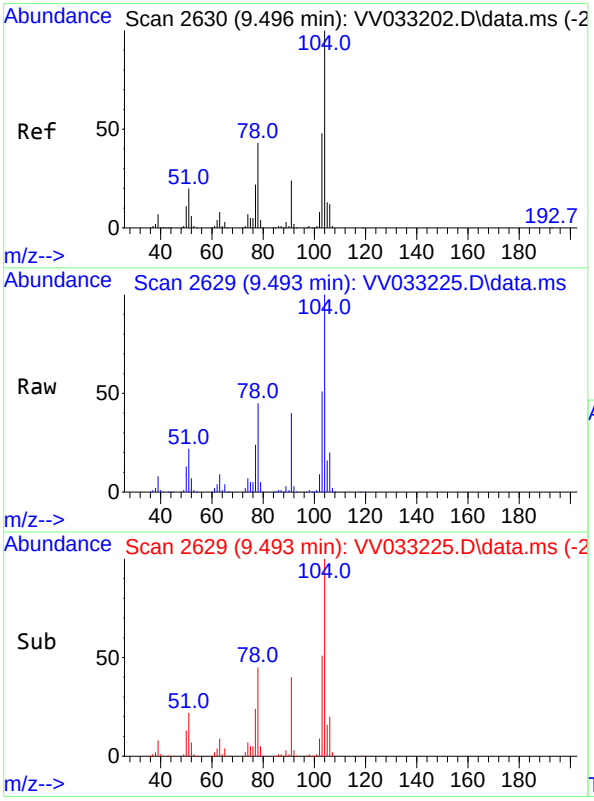
#54
o-Xylene
Concen: 52.095 ug/L
RT: 9.477 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 189928

Ion	Ratio	Lower	Upper
106	100		
91	210.7	147.8	274.6

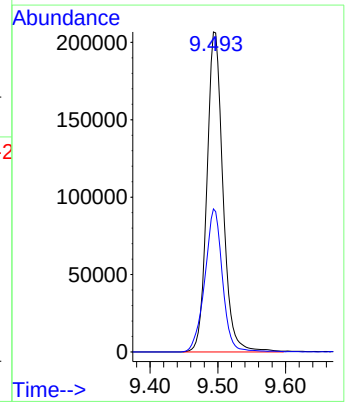


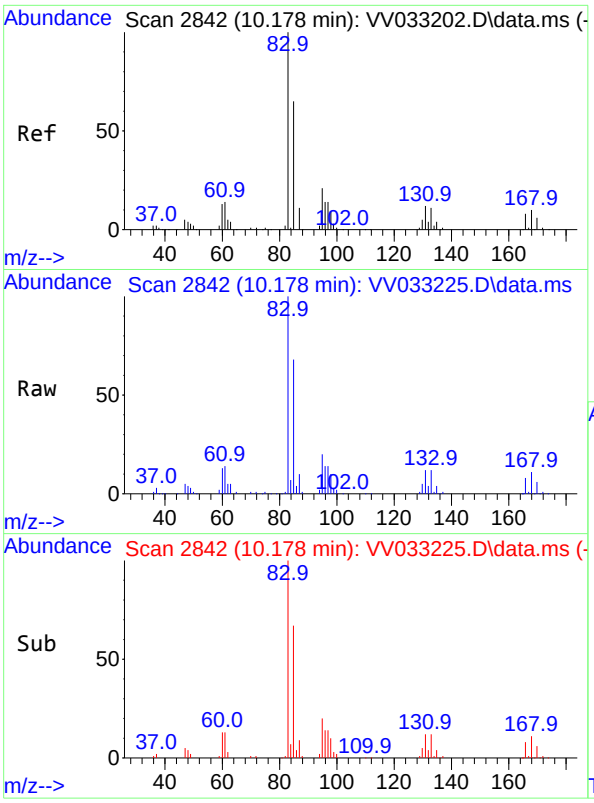


#55
Styrene
Concen: 53.966 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion:104 Resp: 340356

Ion	Ratio	Lower	Upper
104	100		
78	44.7	30.2	56.0



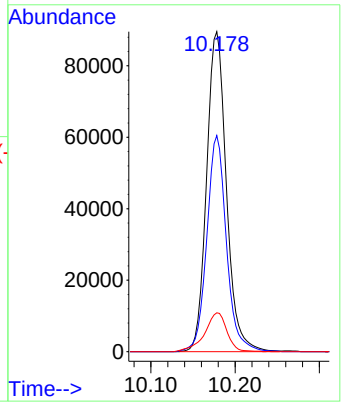


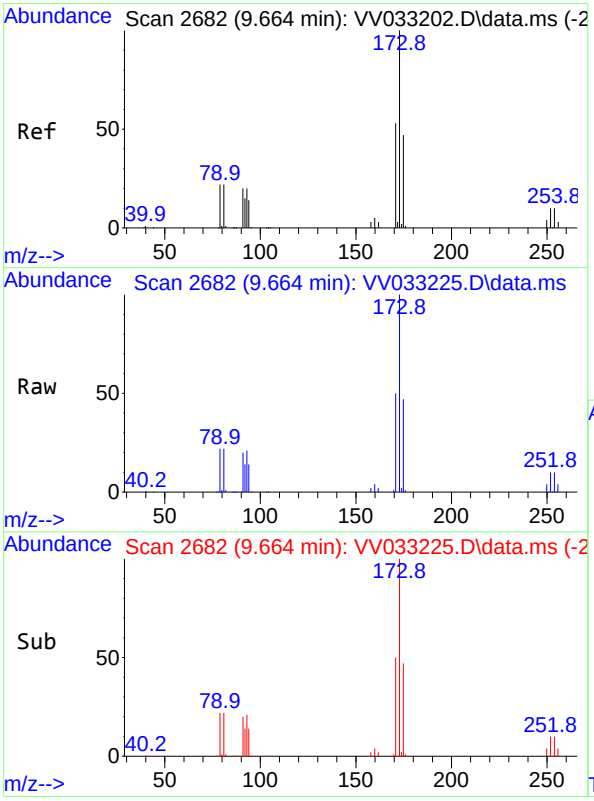
#57
1,1,2,2-Tetrachloroethane
Concen: 55.571 ug/L
RT: 10.178 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 146543

Ion	Ratio	Lower	Upper
83	100		
85	67.6	45.5	84.5
131	12.2	9.7	14.5

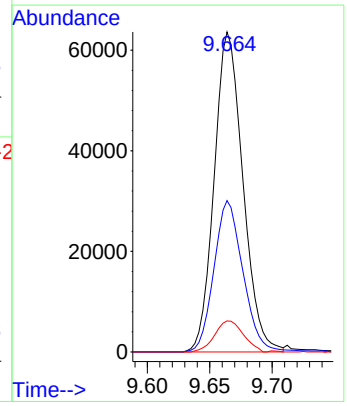


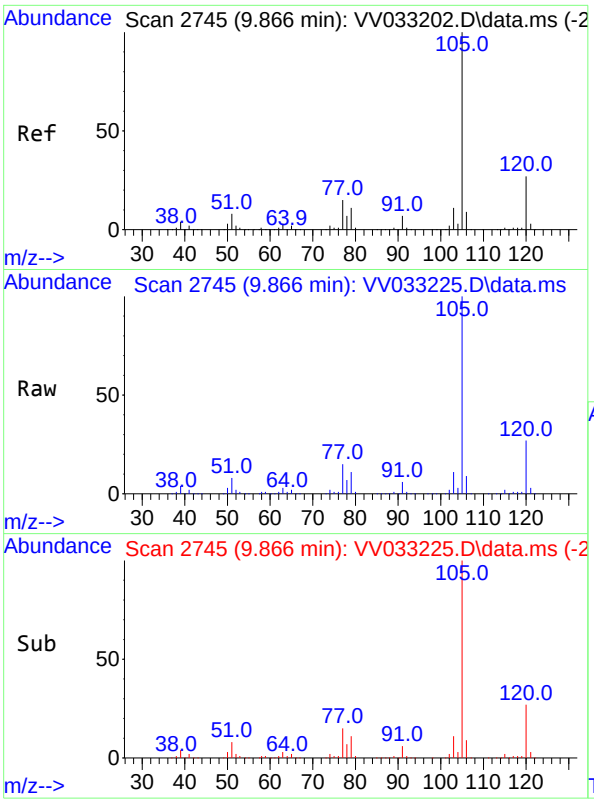


#59
Bromoform
Concen: 53.416 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion:173 Resp: 102023

Ion	Ratio	Lower	Upper
173	100		
175	47.9	38.7	58.1
254	9.7	8.0	12.0



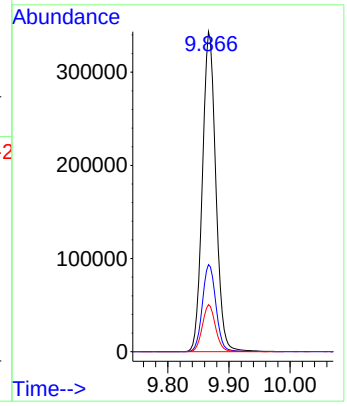


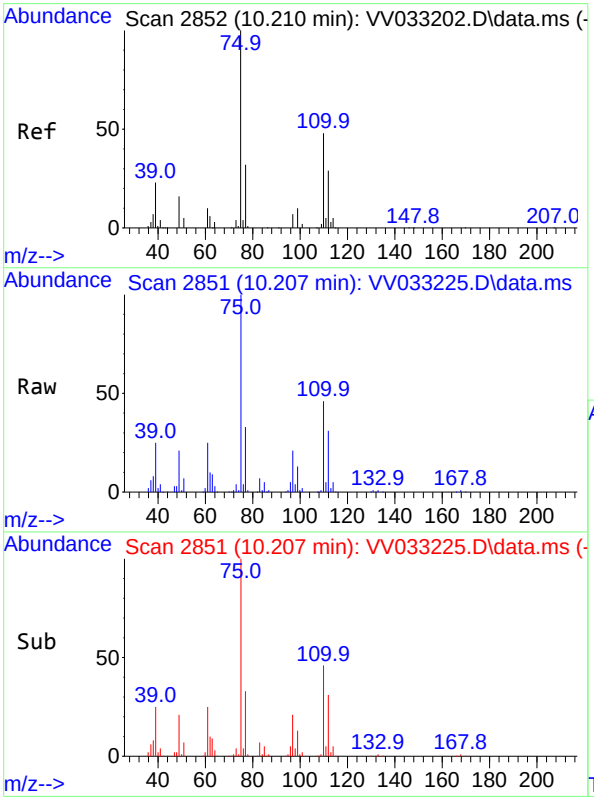
#60
Isopropylbenzene
Concen: 51.584 ug/L
RT: 9.866 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 523415

Ion	Ratio	Lower	Upper
105	100		
120	27.4	21.3	31.9
77	14.4	12.0	18.0

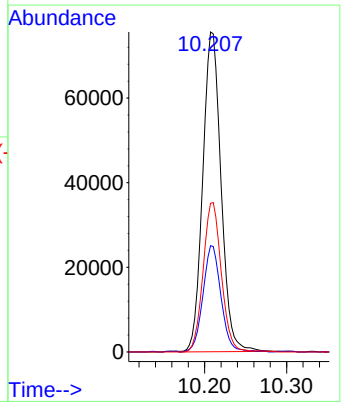


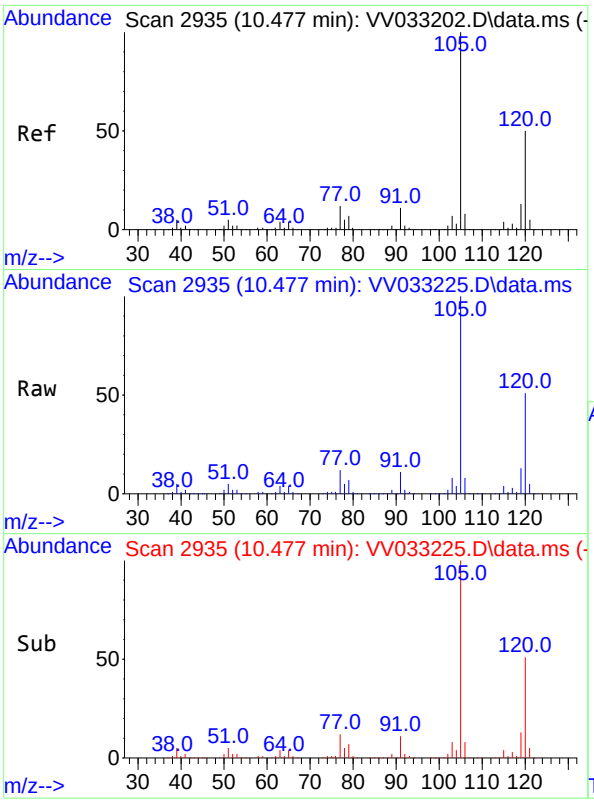


#61
1,2,3-Trichloropropane
Concen: 53.403 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion: 75 Resp: 117185

Ion	Ratio	Lower	Upper
75	100		
77	32.6	27.0	40.6
110	46.5	38.1	57.1



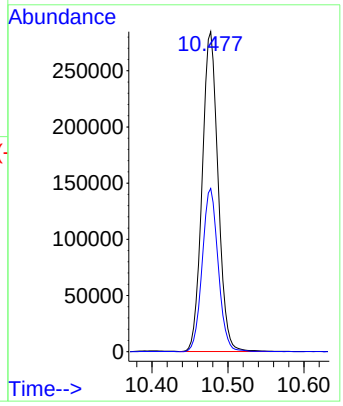


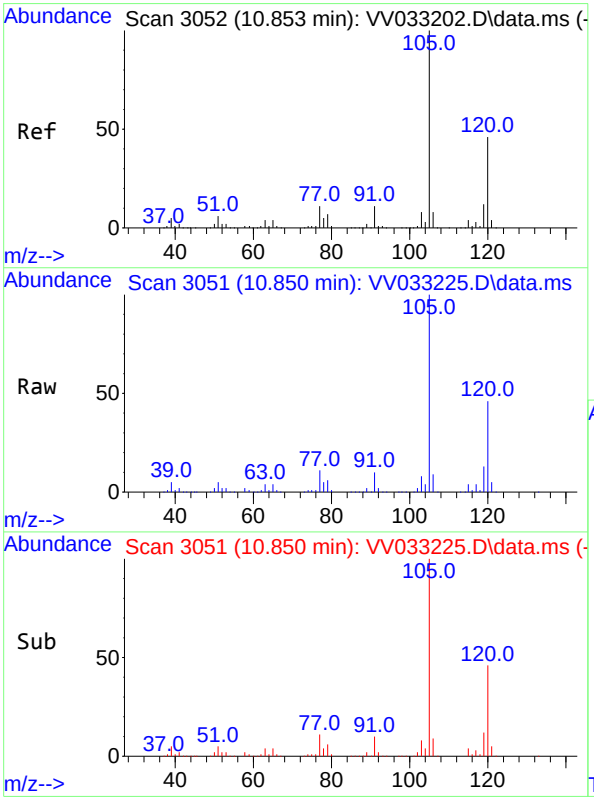
#62
1,3,5-Trimethylbenzene
Concen: 50.684 ug/L
RT: 10.477 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 414350

Ion	Ratio	Lower	Upper
105	100		
120	51.1	39.7	59.5

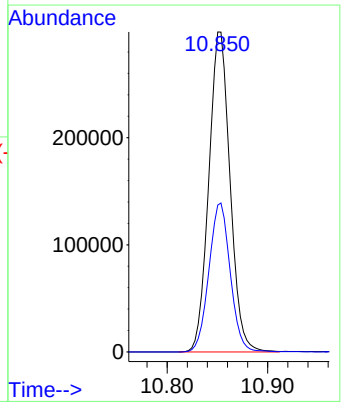


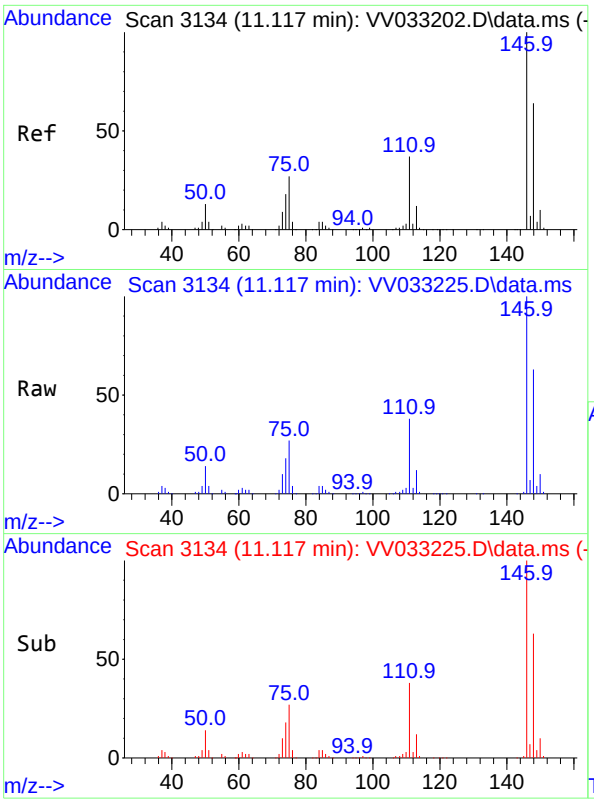


#63
1,2,4-Trimethylbenzene
Concen: 51.465 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion:105 Resp: 438176

Ion	Ratio	Lower	Upper
105	100		
120	46.8	36.7	55.1



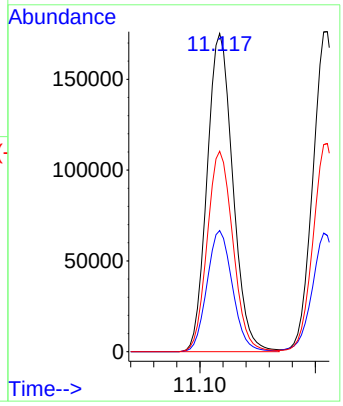


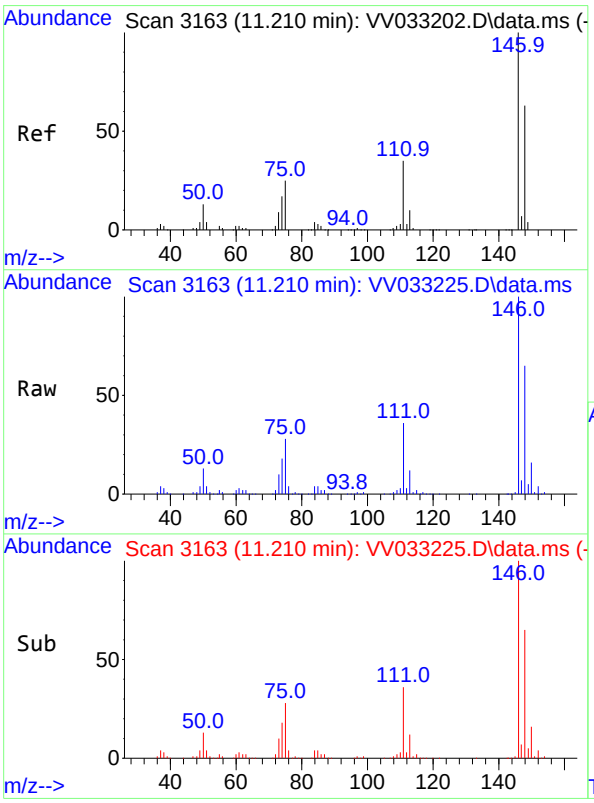
#64
1,3-Dichlorobenzene
Concen: 50.086 ug/L
RT: 11.117 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 271513

Ion	Ratio	Lower	Upper
146	100		
111	38.1	26.2	48.6
148	63.0	44.5	82.7

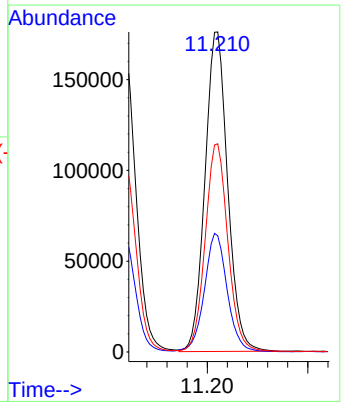


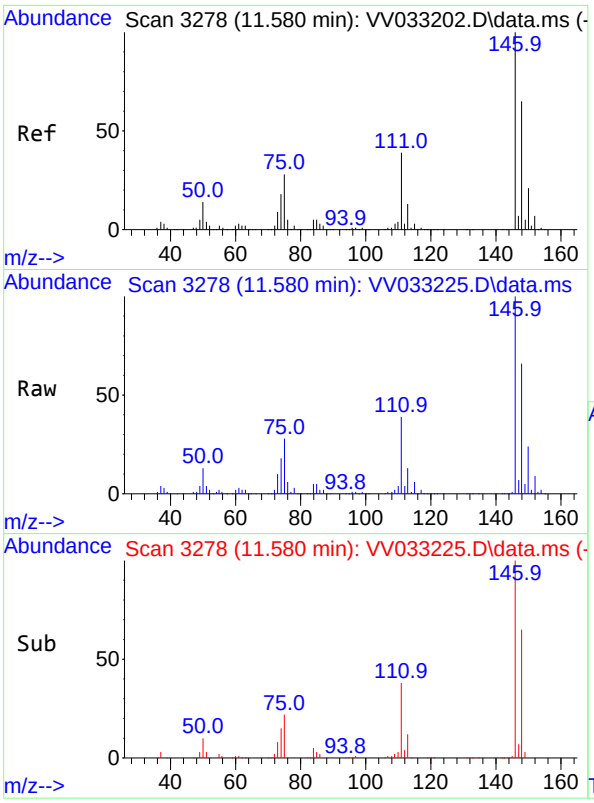


#65
1,4-Dichlorobenzene
Concen: 49.000 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion:146 Resp: 275923

Ion	Ratio	Lower	Upper
146	100		
111	36.3	25.9	48.1
148	65.1	44.9	83.5



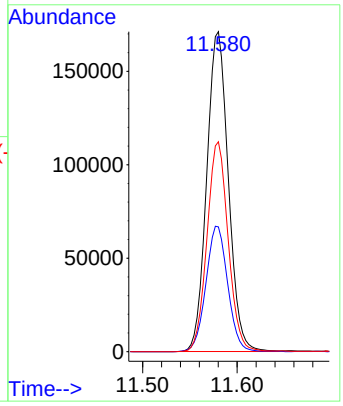


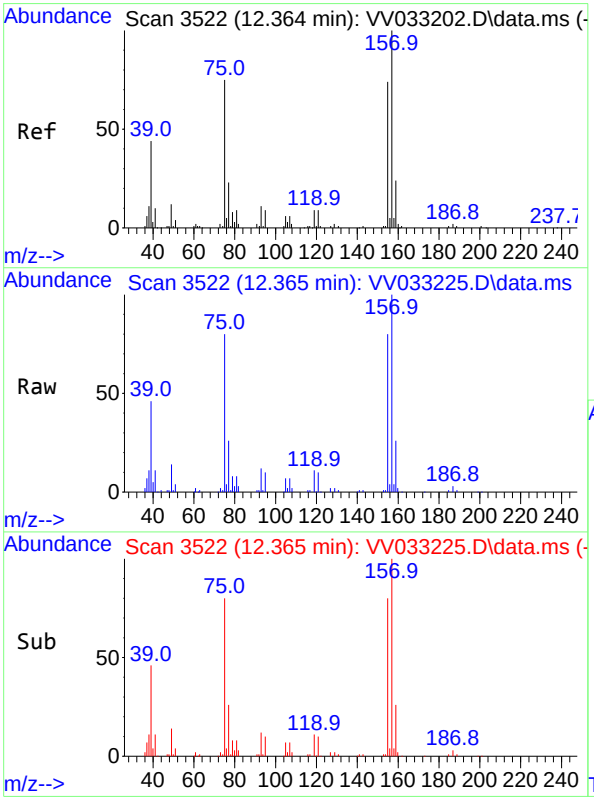
#67
1,2-Dichlorobenzene
Concen: 51.083 ug/L
RT: 11.580 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 271477

Ion	Ratio	Lower	Upper
146	100		
111	39.0	32.4	48.6
148	65.6	51.8	77.8

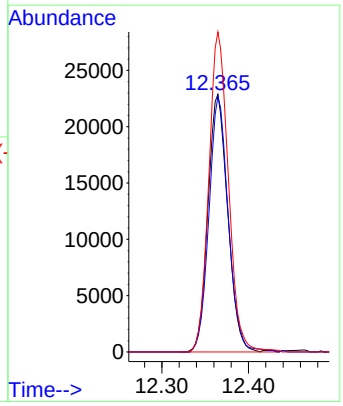


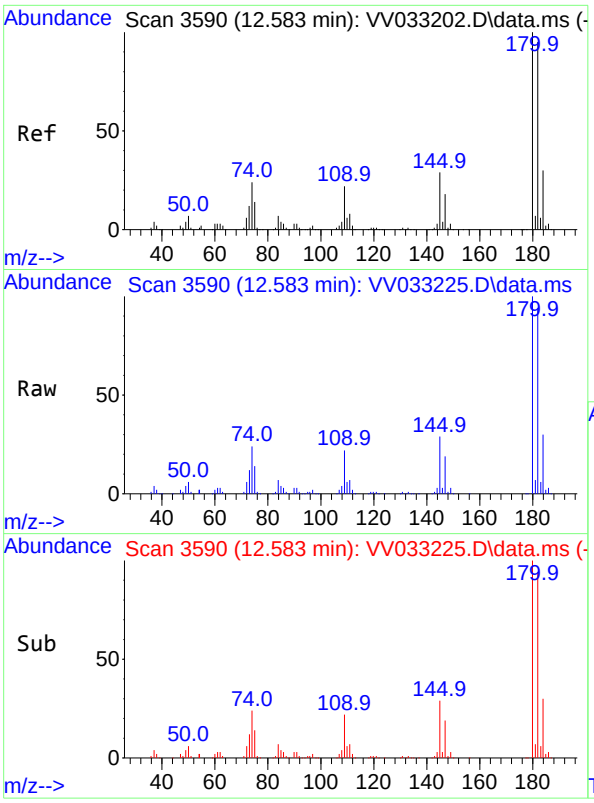


#68
1,2-Dibromo-3-chloropropane
Concen: 54.018 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion: 75 Resp: 36371

Ion	Ratio	Lower	Upper
75	100		
155	99.1	75.8	113.6
157	124.2	95.4	143.0



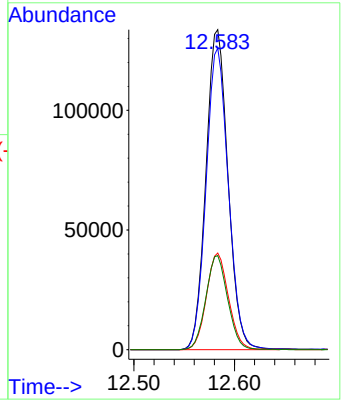


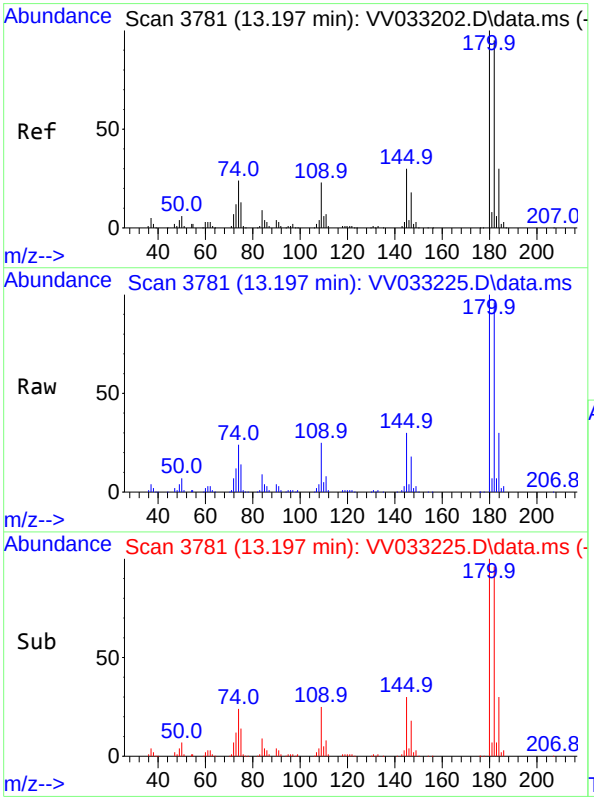
#69
1,3,5-Trichlorobenzene
Concen: 46.956 ug/L
RT: 12.583 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 203892

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.2	114.4
184	30.3	24.2	36.4
145	29.1	23.9	35.9

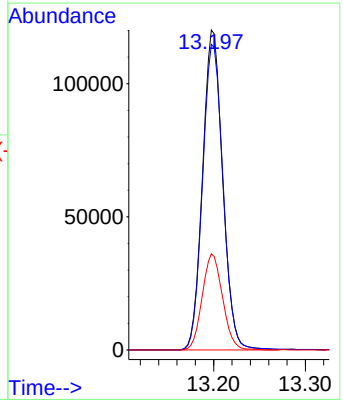


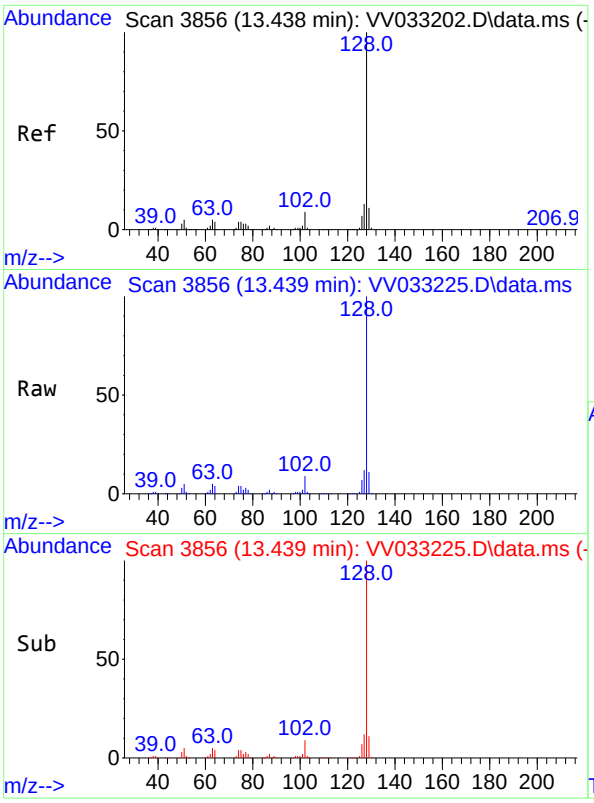


#70
1,2,4-trichlorobenzene
Concen: 45.627 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion:180 Resp: 183041

Ion	Ratio	Lower	Upper
180	100		
182	97.5	76.3	114.5
145	30.3	23.4	35.0



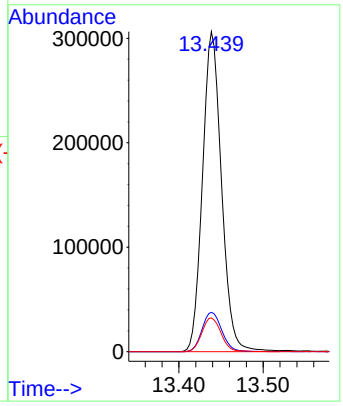


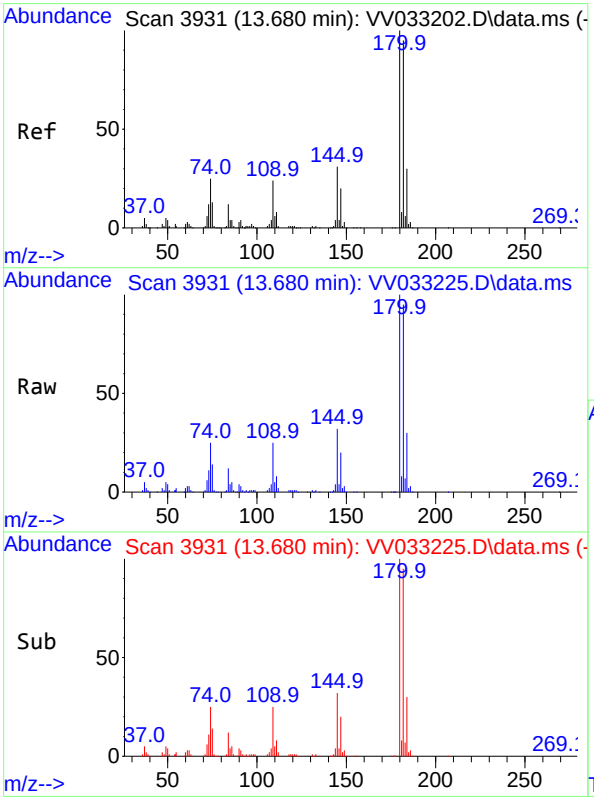
#71
Naphthalene
Concen: 49.193 ug/L
RT: 13.439 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 481278

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	10.7	8.6	13.0





#72
1,2,3-Trichlorobenzene
Concen: 49.741 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.000 min
Lab File: VV033225.D
Acq: 11 Dec 2023 20:00

Tgt Ion:180 Resp: 192548

Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.2	112.8
145	32.4	24.9	37.3