Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031124\
Data File : VV034544.D
Acq On : 11 Mar 2024 15:40
Operator : SY/MD
Sample : P1637-07MSD
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Mar 12 01:33:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 12 01:30:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	313327	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	295345	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	151898	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	86250	31.754	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 63.500%			
7) Chloroethane-d5	1.526	69	80244	37.920	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 75.840%			
11) 1,1-Dichloroethene-d2	2.056	65	41042	33.411	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.820%			
21) 2-Butanone-d5	3.780	46	200502	110.382	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.380%			
24) Chloroform-d	4.246	84	208650	43.446	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.900%			
26) 1,2-Dichloroethane-d4	4.940	65	136422	43.469	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.940%			
32) Benzene-d6	4.957	84	354660	39.789	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.580%			
36) 1,2-Dichloropropane-d6	5.985	67	116020	42.650	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 85.300%			
41) Toluene-d8	7.239	98	314132	38.943	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 77.880%#			
43) trans-1,3-Dichloroprop...	7.551	79	59016	43.203	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.400%			
47) 2-Hexanone-d5	8.021	63	142496	104.902	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.900%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	170522	47.634	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.260%			
66) 1,2-Dichlorobenzene-d4	11.561	152	129483	41.704	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	152562	46.420	ug/L	98
3) Chloromethane	1.214	50	149299	46.231	ug/L	100
5) Vinyl chloride	1.281	62	147584	47.079	ug/L	98
6) Bromomethane	1.478	94	91414	48.602	ug/L	99
8) Chloroethane	1.542	64	89667	48.124	ug/L	99
9) Trichlorofluoromethane	1.709	101	219310	46.717	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	118059	46.661	ug/L	99
12) 1,1-Dichloroethene	2.066	96	106247	45.285	ug/L	94
13) Acetone	2.108	43	141856	64.963	ug/L	99
14) Carbon disulfide	2.236	76	311011	47.765	ug/L	99
15) Methyl Acetate	2.368	43	148789	53.260	ug/L	99
16) Methylene chloride	2.442	84	122387	49.177	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	111319	49.021	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	412821	50.622	ug/L	100
19) 1,1-Dichloroethane	3.108	63	225835	50.767	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	125849	51.078	ug/L	97
22) 2-Butanone	3.860	43	188862	87.586	ug/L	96
23) Bromochloromethane	4.146	128	64009	50.240	ug/L	95
25) Chloroform	4.272	83	229420	49.757	ug/L	99

Quantitation Report (Not Reviewed)

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Operator : SY/MD
Sample : P1637-07MSD
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Mar 12 01:33:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 12 01:30:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	188563	50.336	ug/L	98
29) Cyclohexane	4.580	56	189602	48.807	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	206855	48.842	ug/L	99
31) Carbon tetrachloride	4.731	117	183576	48.958	ug/L	99
33) Benzene	5.008	78	451946	49.299	ug/L	100
34) Trichloroethene	5.831	95	125966	48.339	ug/L	98
35) Methylcyclohexane	6.047	83	194841	49.182	ug/L	99
37) 1,2-Dichloropropane	6.092	63	122082	50.864	ug/L	100
38) Bromodichloromethane	6.429	83	168262	49.840	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	200926	51.669	ug/L	95
40) 4-Methyl-2-pentanone	7.153	43	379222	107.151	ug/L	100
42) Toluene	7.313	91	484666	49.953	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	189716	50.726	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	119973	51.806	ug/L	99
46) Tetrachloroethene	7.902	164	95529	49.293	ug/L	100
48) 2-Hexanone	8.072	43	291936	103.518	ug/L	99
49) Dibromochloromethane	8.175	129	124756	51.050	ug/L	99
50) 1,2-Dibromoethane	8.281	107	124795	50.783	ug/L	100
51) Chlorobenzene	8.812	112	310589	49.517	ug/L	99
52) Ethylbenzene	8.944	91	544062	50.045	ug/L	100
53) m,p-Xylene	9.072	106	201867	48.932	ug/L	99
54) o-Xylene	9.477	106	197287	48.837	ug/L	99
55) Styrene	9.493	104	344729	50.400	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	173360	49.841	ug/L	100
59) Bromoform	9.664	173	84805	50.356	ug/L	99
60) Isopropylbenzene	9.866	105	540847	50.344	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	150983	52.071	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	454404	50.143	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	455646	50.837	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	244182	49.160	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	243681	48.310	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	247113	49.648	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.361	75	45892	53.132	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	178472	47.896	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	164911	49.184	ug/L	100
71) Naphthalene	13.439	128	494168	55.098	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	164499	50.291	ug/L	98

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

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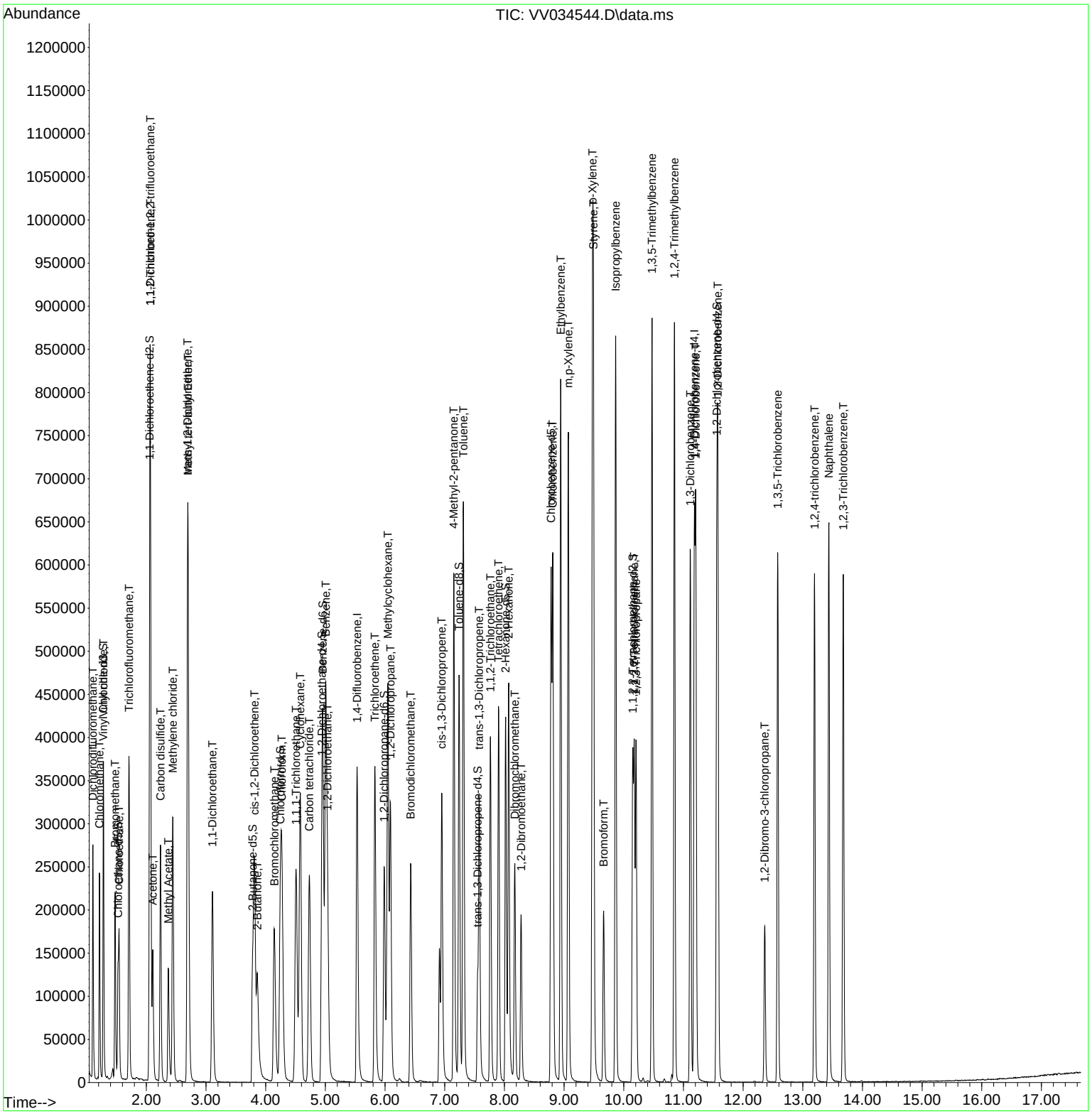
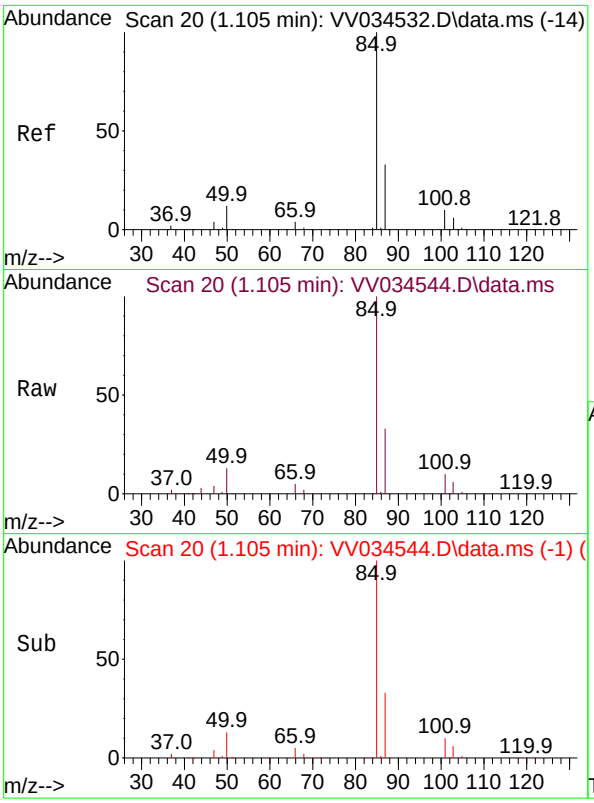
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Mar 12 01:33:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 12 01:30:00 2024
Response via : Initial Calibration



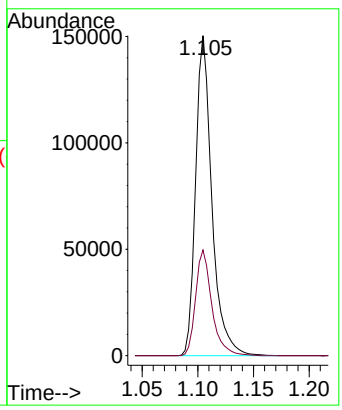


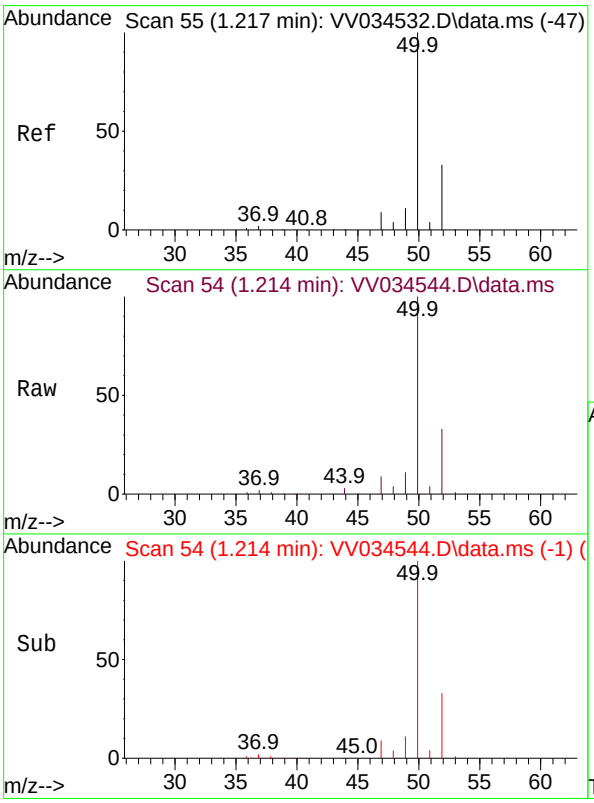
#2
Dichlorodifluoromethane
Concen: 46.420 ug/L
RT: 1.105 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 85 Resp: 152562

Ion	Ratio	Lower	Upper
85	100		
87	32.9	25.5	38.3

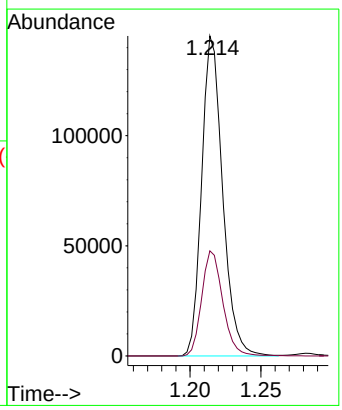


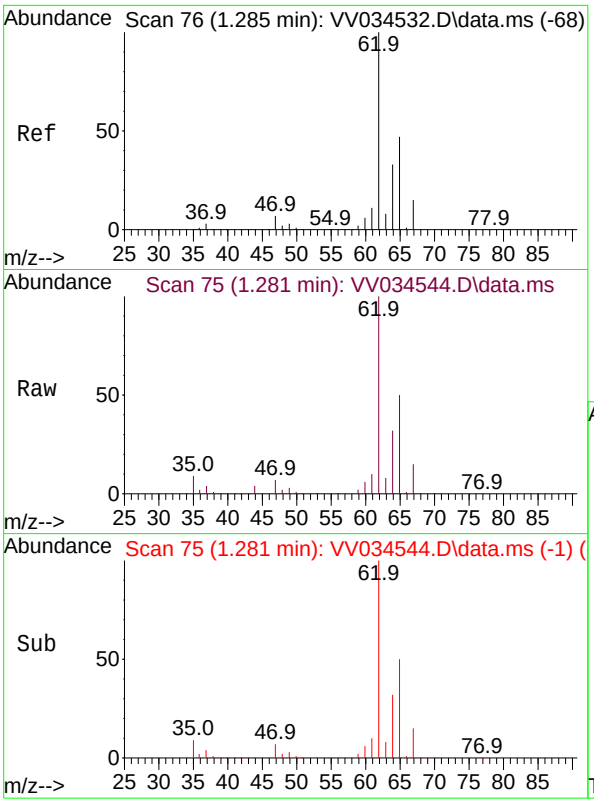


#3
Chloromethane
Concen: 46.231 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion: 50 Resp: 149299

Ion	Ratio	Lower	Upper
50	100		
52	32.9	23.0	42.8



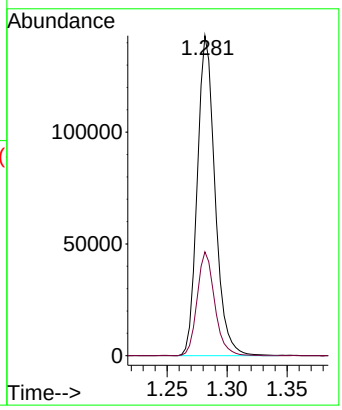


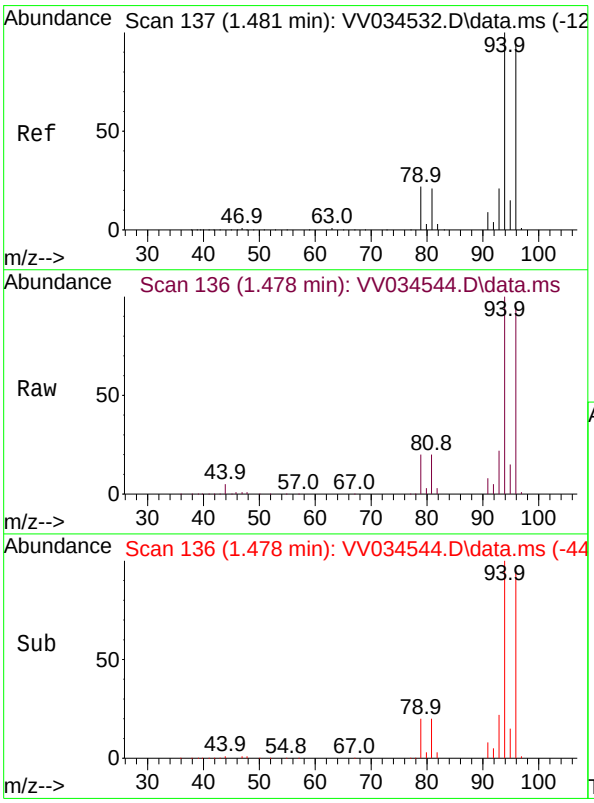
#5
Vinyl chloride
Concen: 47.079 ug/L
RT: 1.281 min Scan# 7
Delta R.T. -0.003 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 147584

Ion	Ratio	Lower	Upper
62	100		
64	32.5	23.4	43.6

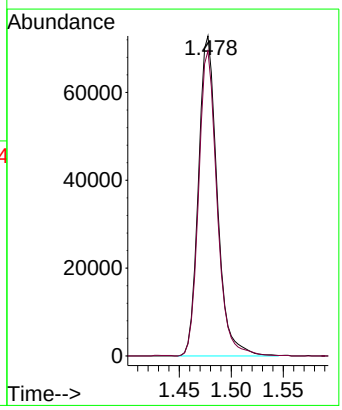


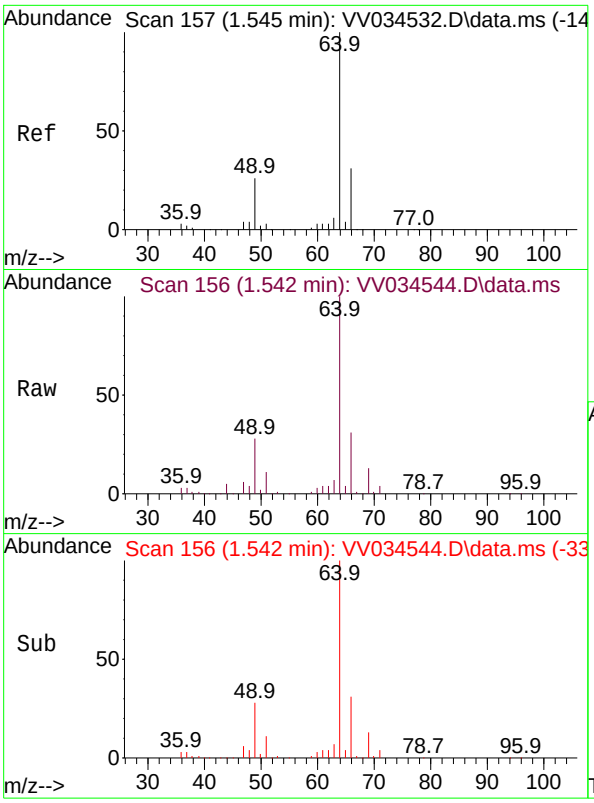


#6
Bromomethane
Concen: 48.602 ug/L
RT: 1.478 min Scan# 136
Delta R.T. -0.003 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion: 94 Resp: 91414

Ion	Ratio	Lower	Upper
94	100		
96	95.4	66.0	122.6



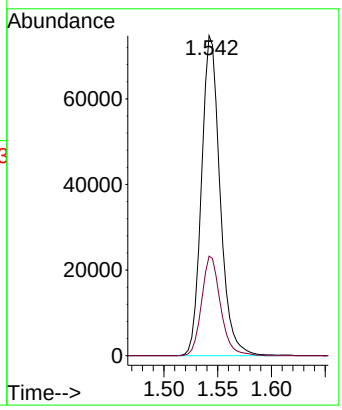


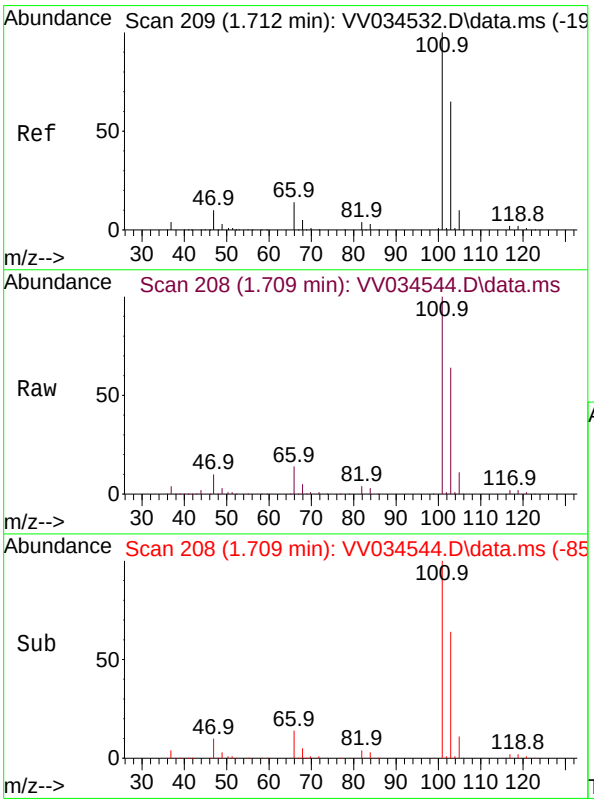
#8
Chloroethane
Concen: 48.124 ug/L
RT: 1.542 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 64 Resp: 89667

Ion	Ratio	Lower	Upper
64	100		
66	31.1	22.0	40.8

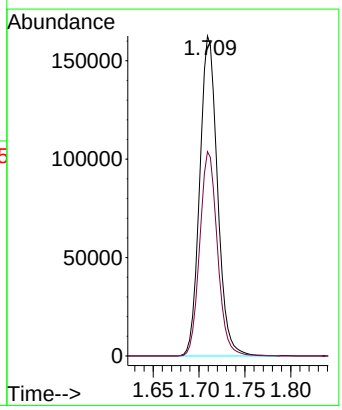


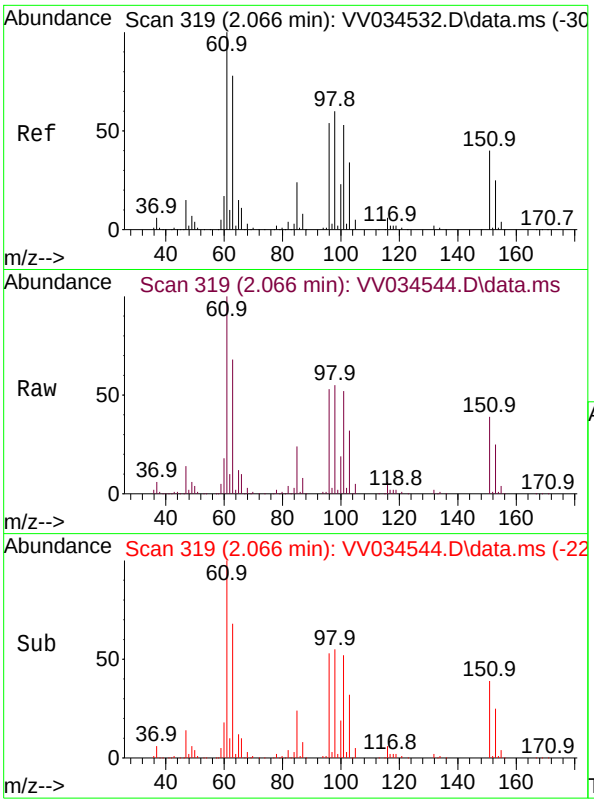


#9
Trichlorofluoromethane
Concen: 46.717 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion:101 Resp: 219310

Ion	Ratio	Lower	Upper
101	100		
103	63.4	51.8	77.8



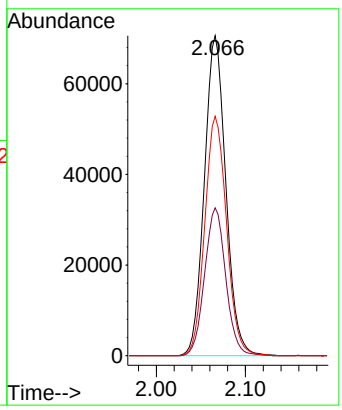


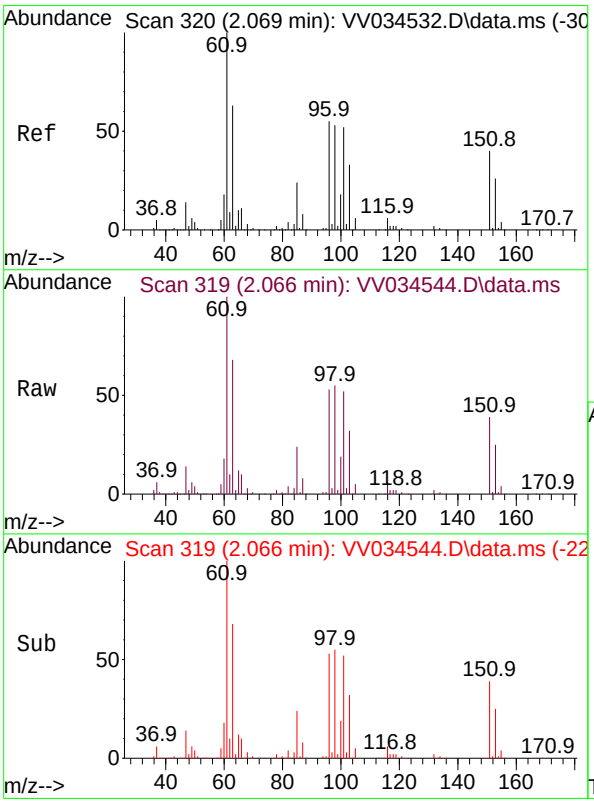
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.661 ug/L
RT: 2.066 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 118059

Ion	Ratio	Lower	Upper
101	100		
85	45.5	37.4	56.0
151	75.9	61.4	92.2

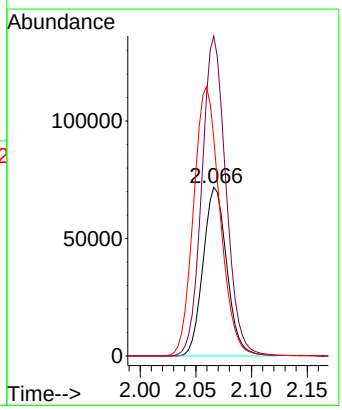


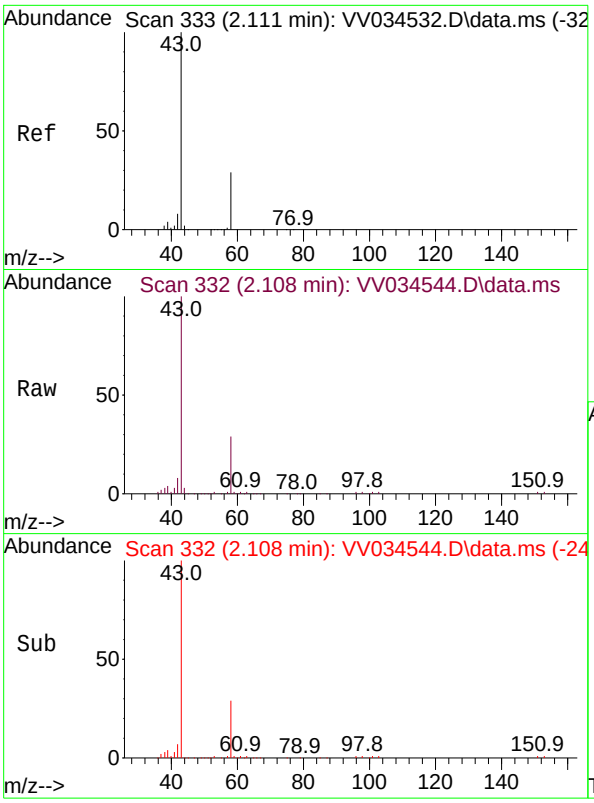


#12
1,1-Dichloroethene
Concen: 45.285 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion: 96 Resp: 106247

Ion	Ratio	Lower	Upper
96	100		
61	189.8	128.9	239.3
63	129.5	98.0	182.0



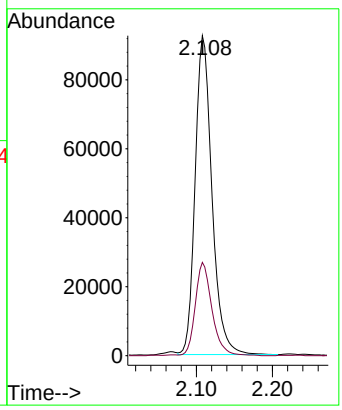


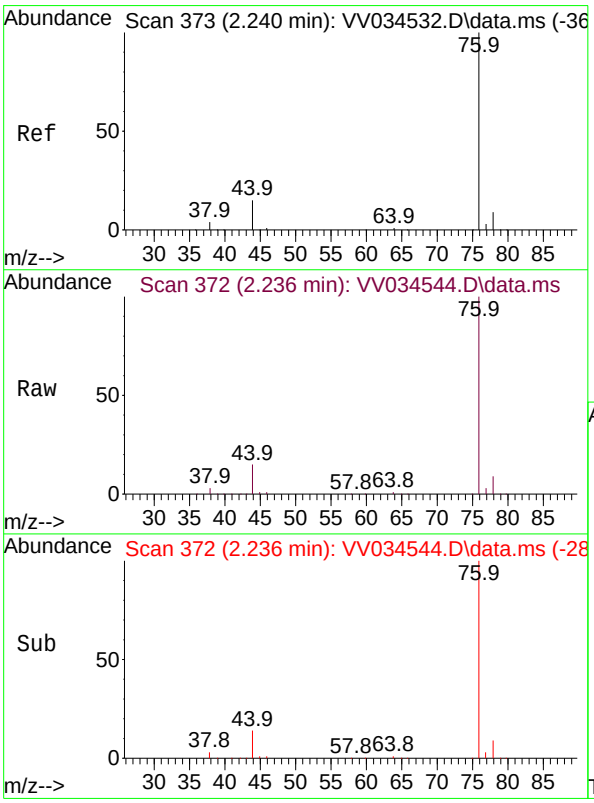
#13
Acetone
Concen: 64.963 ug/L
RT: 2.108 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 141856

Ion	Ratio	Lower	Upper
43	100		
58	29.1	0.0	57.2

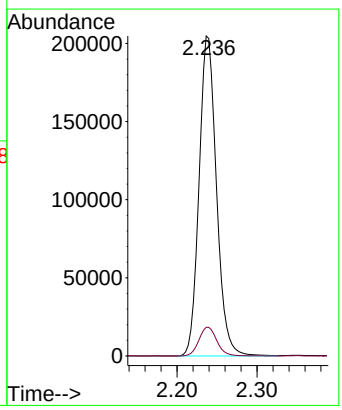


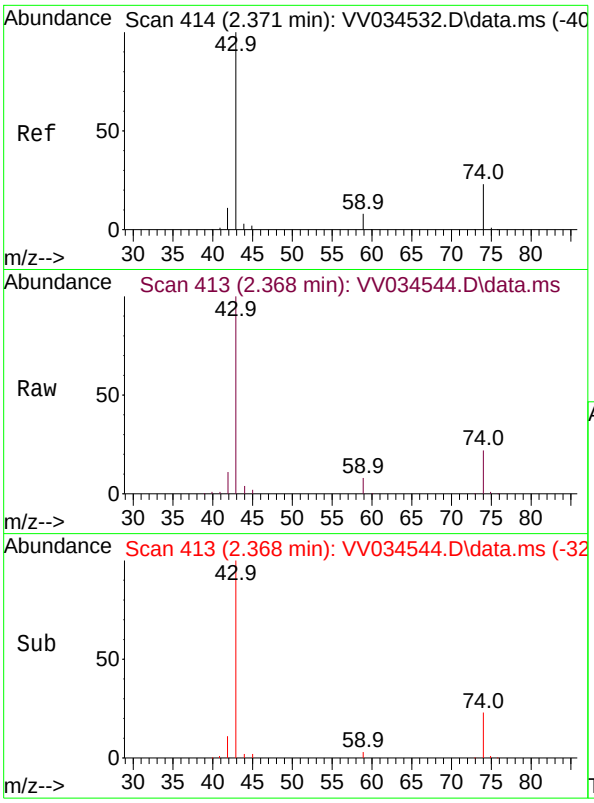


#14
Carbon disulfide
Concen: 47.765 ug/L
RT: 2.236 min Scan# 372
Delta R.T. -0.003 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion: 76 Resp: 311011

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.5	11.3



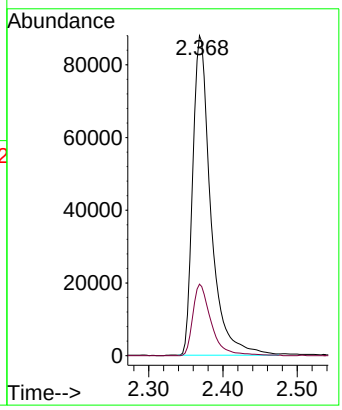


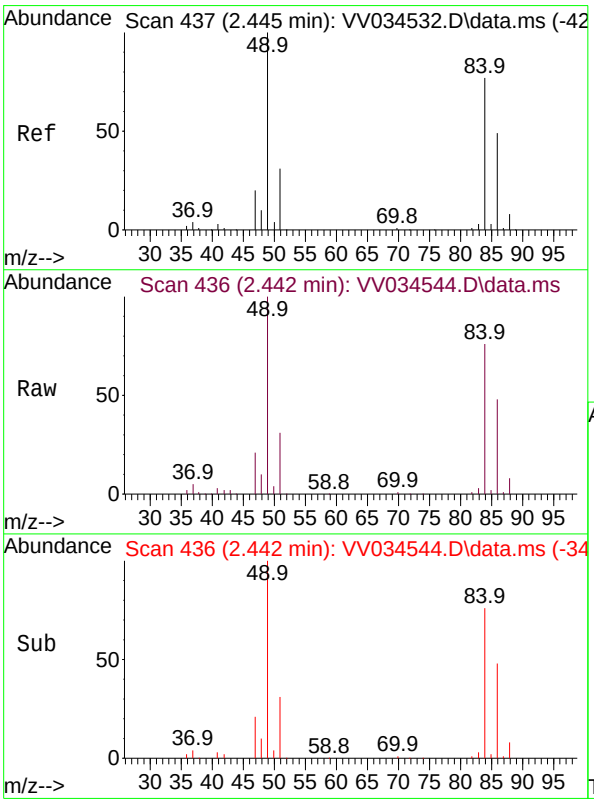
#15
Methyl Acetate
Concen: 53.260 ug/L
RT: 2.368 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 148789

Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.8	26.8

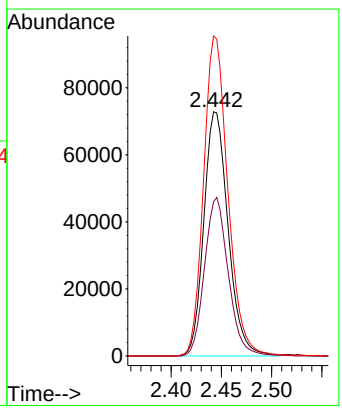


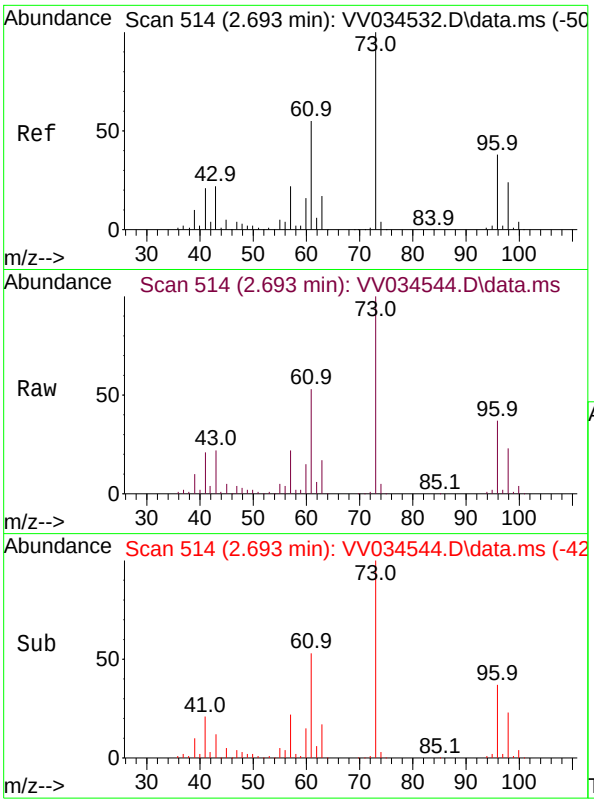


#16
Methylene chloride
Concen: 49.177 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.003 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion: 84 Resp: 122387

Ion	Ratio	Lower	Upper
84	100		
86	63.1	45.6	84.6
49	131.1	92.3	171.3



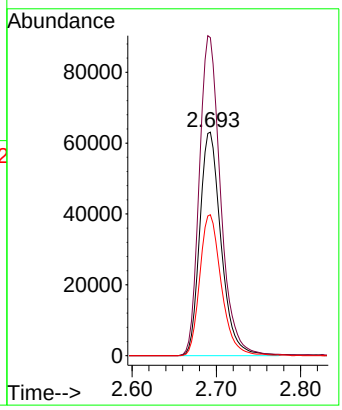


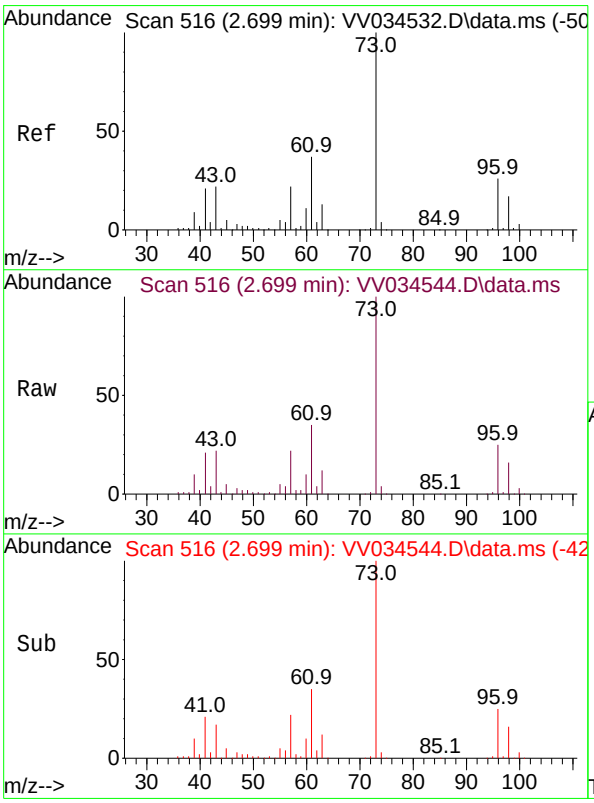
#17
trans-1,2-Dichloroethene
Concen: 49.021 ug/L
RT: 2.693 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 111319

Ion	Ratio	Lower	Upper
96	100		
61	142.3	98.8	183.4
98	63.1	46.1	85.5

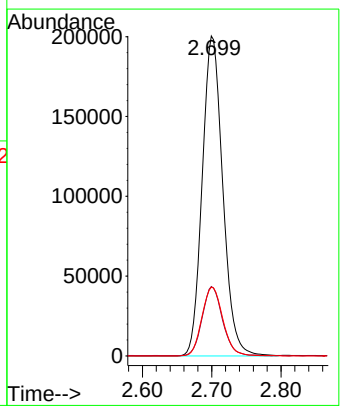


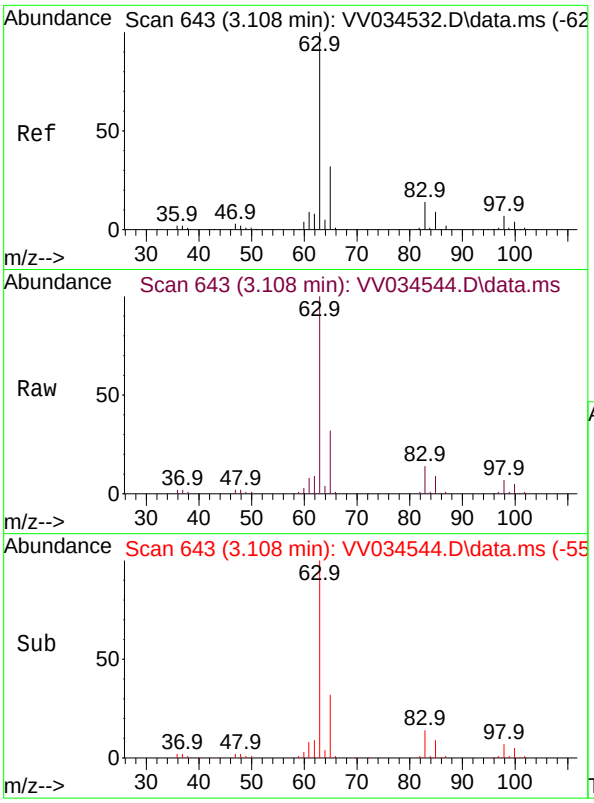


#18
Methyl tert-butyl Ether
Concen: 50.622 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion: 73 Resp: 412821

Ion	Ratio	Lower	Upper
73	100		
43	21.2	17.1	25.7
57	21.9	17.6	26.4



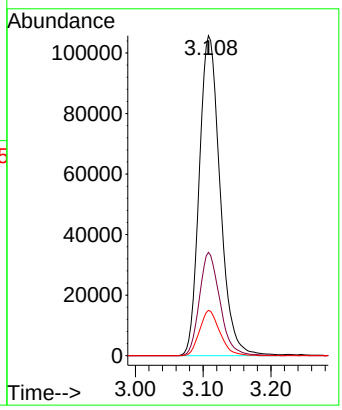


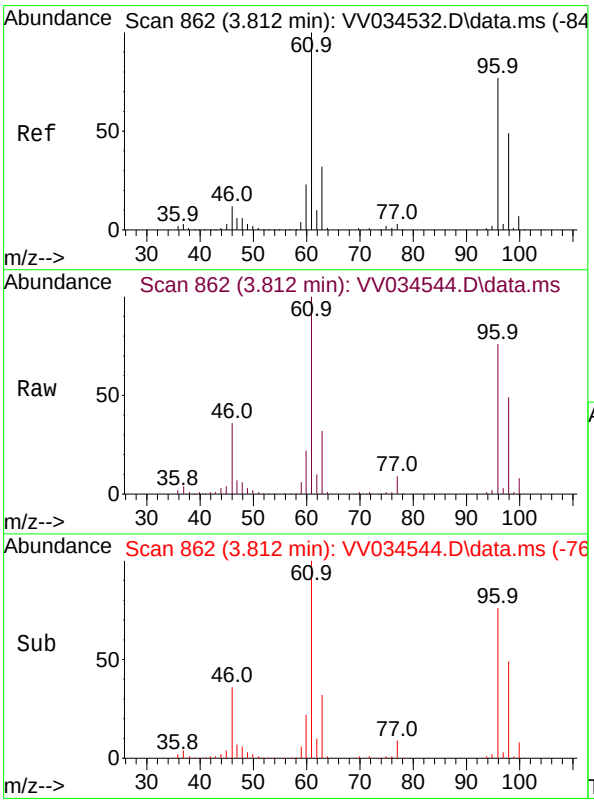
#19
1,1-Dichloroethane
Concen: 50.767 ug/L
RT: 3.108 min Scan# 6
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 225835

Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.1	41.1
83	14.1	9.9	18.3

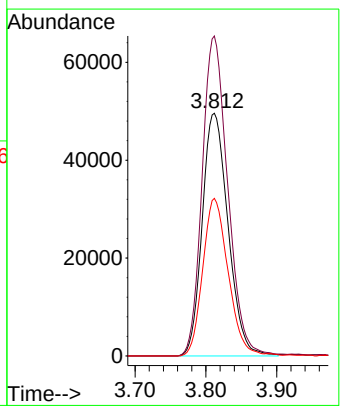


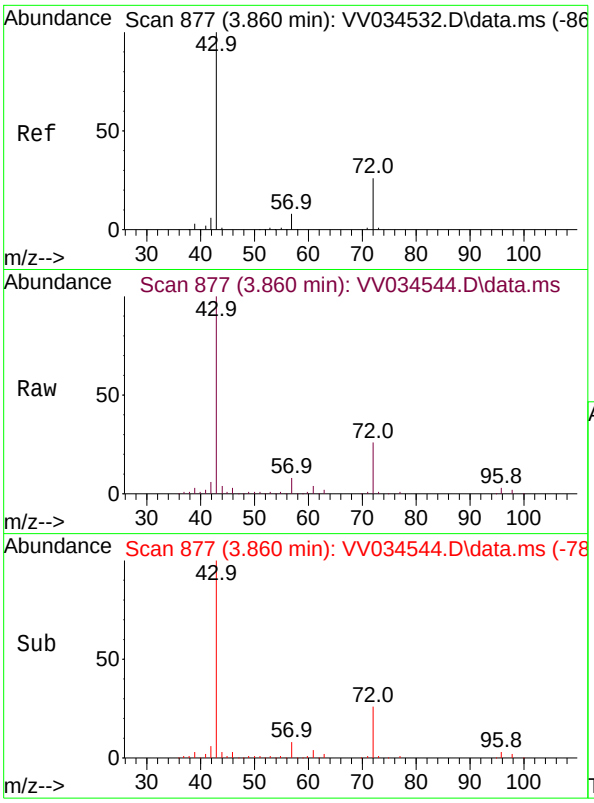


#20
cis-1,2-Dichloroethene
Concen: 51.078 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion: 96 Resp: 125849

Ion	Ratio	Lower	Upper
96	100		
61	131.8	96.0	178.4
98	64.9	46.0	85.4



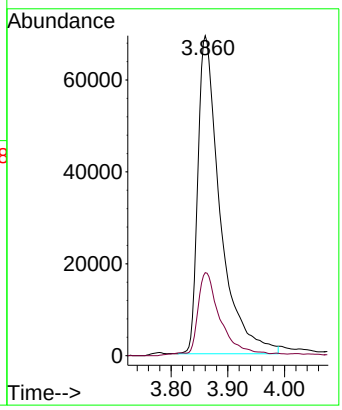


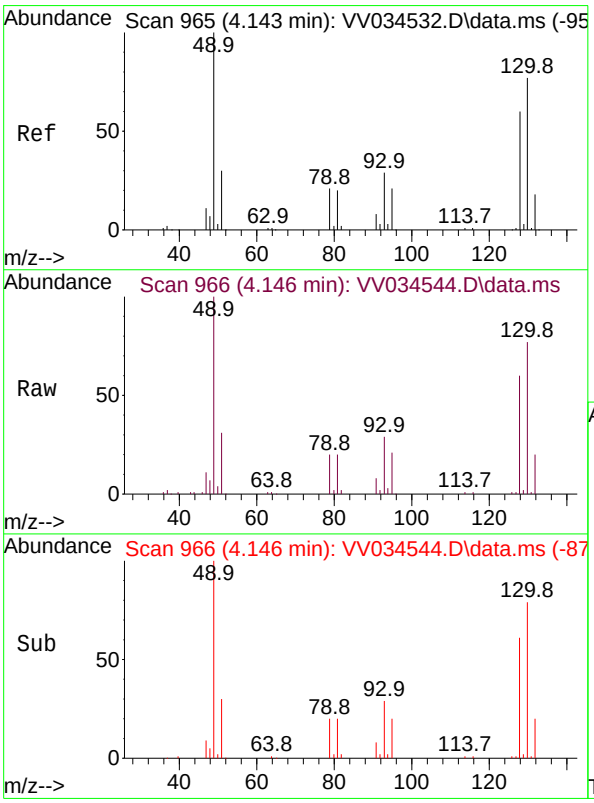
#22
2-Butanone
Concen: 87.586 ug/L
RT: 3.860 min Scan# 8
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 188862

Ion	Ratio	Lower	Upper
43	100		
72	24.9	11.5	34.4

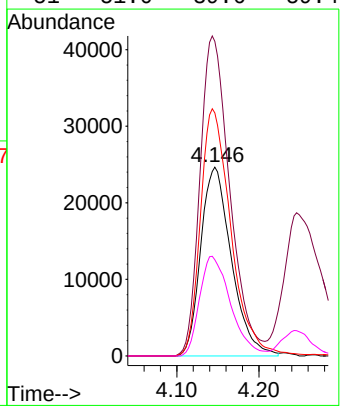


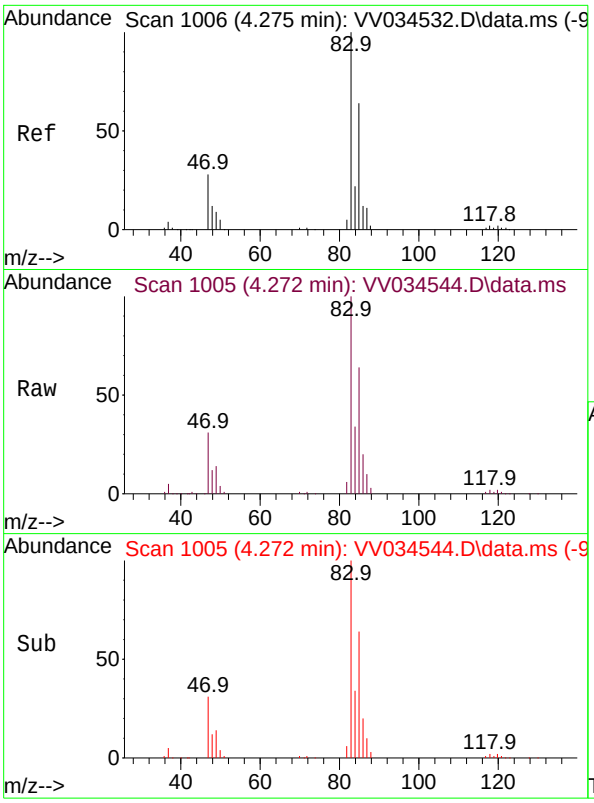


#23
Bromochloromethane
Concen: 50.240 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion:128 Resp: 64009

Ion	Ratio	Lower	Upper
128	100		
49	166.6	109.4	203.2
130	128.8	87.7	162.9
51	51.0	39.6	59.4



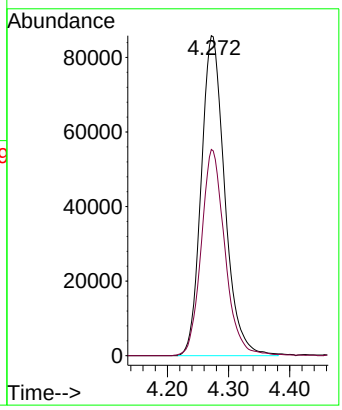


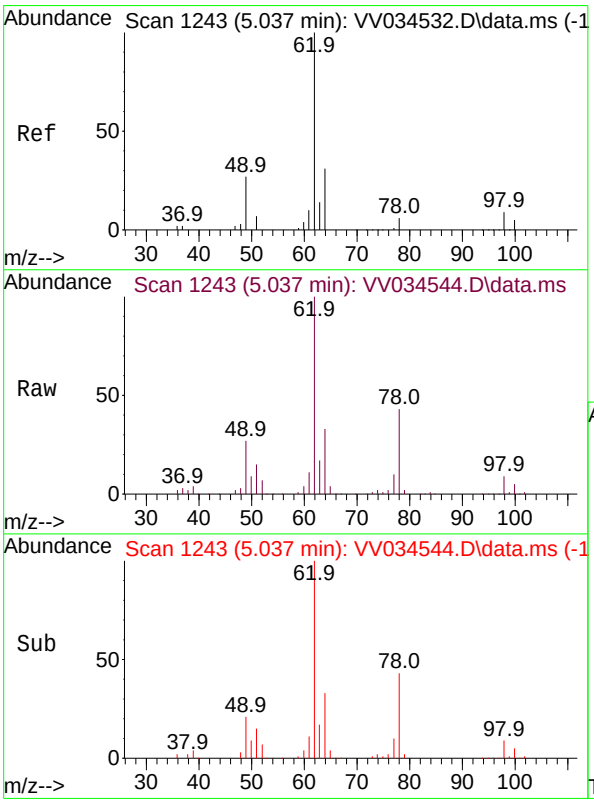
#25
Chloroform
Concen: 49.757 ug/L
RT: 4.272 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 229420

Ion	Ratio	Lower	Upper
83	100		
85	64.5	45.5	84.5

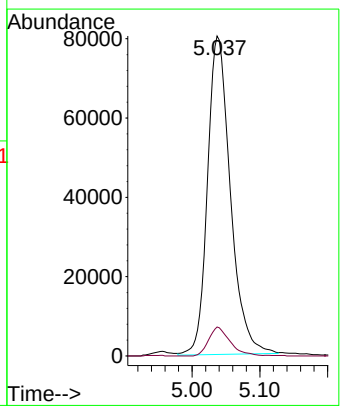


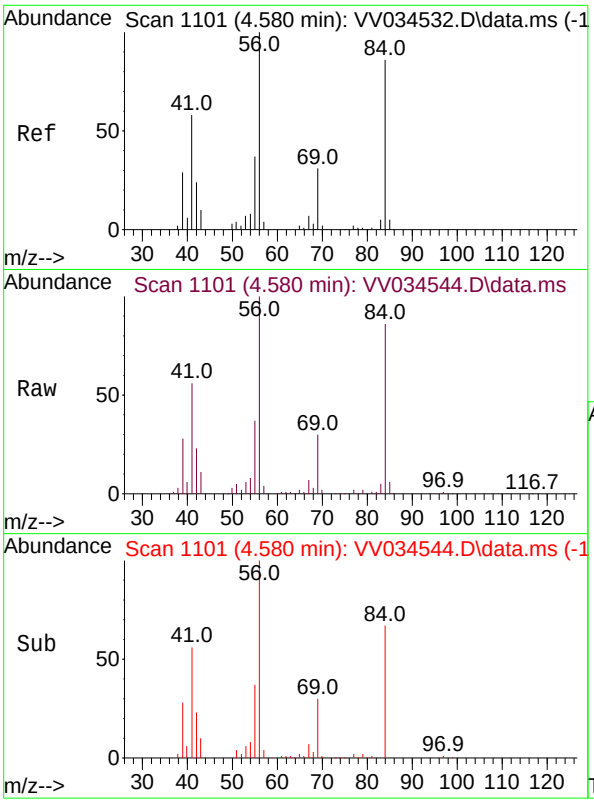


#27
1,2-Dichloroethane
Concen: 50.336 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion: 62 Resp: 188563

Ion	Ratio	Lower	Upper
62	100		
98	9.0	6.6	10.0



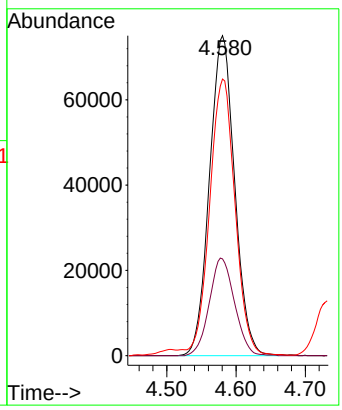


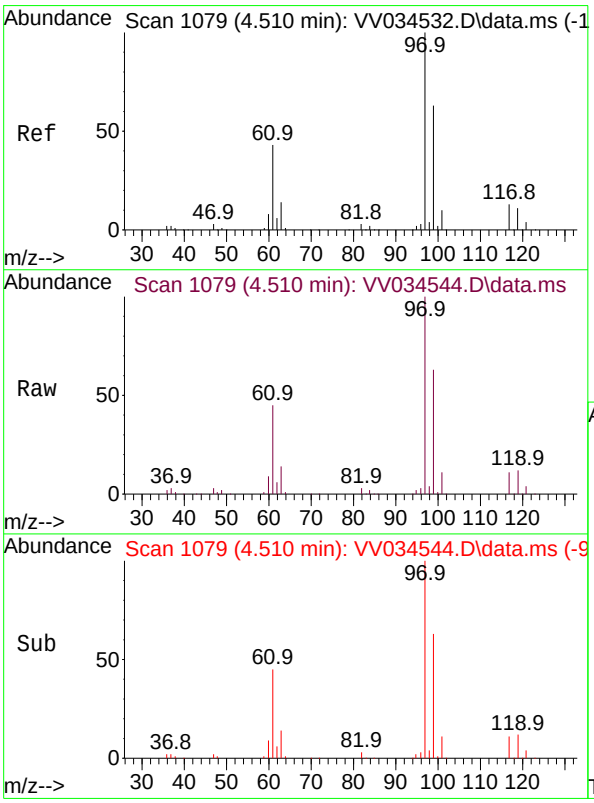
#29
Cyclohexane
Concen: 48.807 ug/L
RT: 4.580 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 189602

Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.2	36.4
84	86.3	70.5	105.7

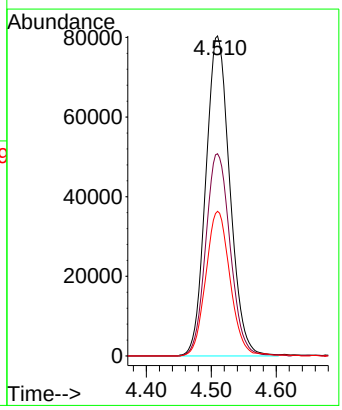


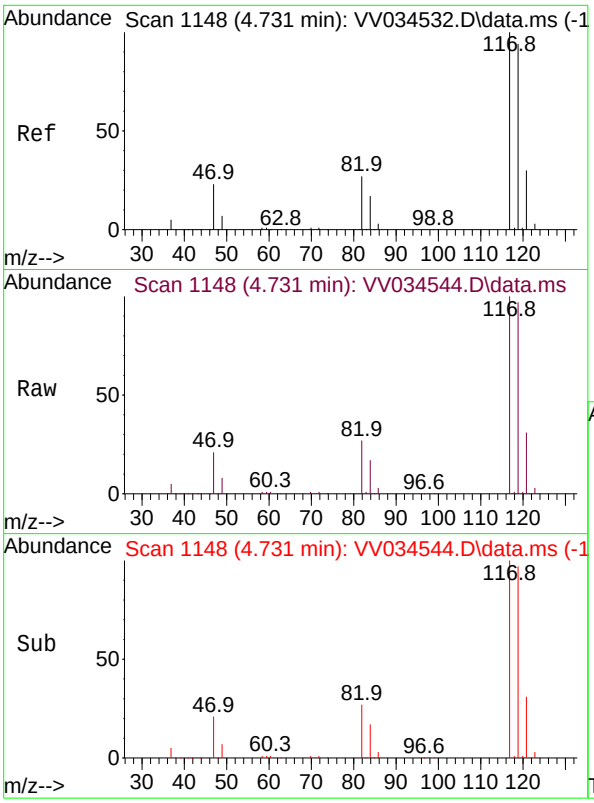


#30
1,1,1-Trichloroethane
Concen: 48.842 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion: 97 Resp: 206855

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.3	76.9
61	45.8	36.0	54.0



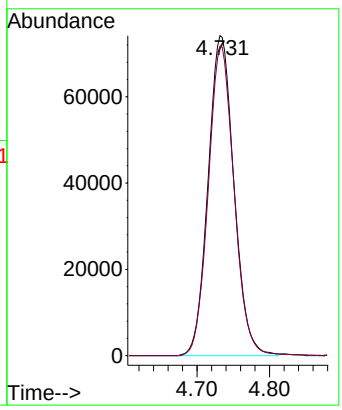


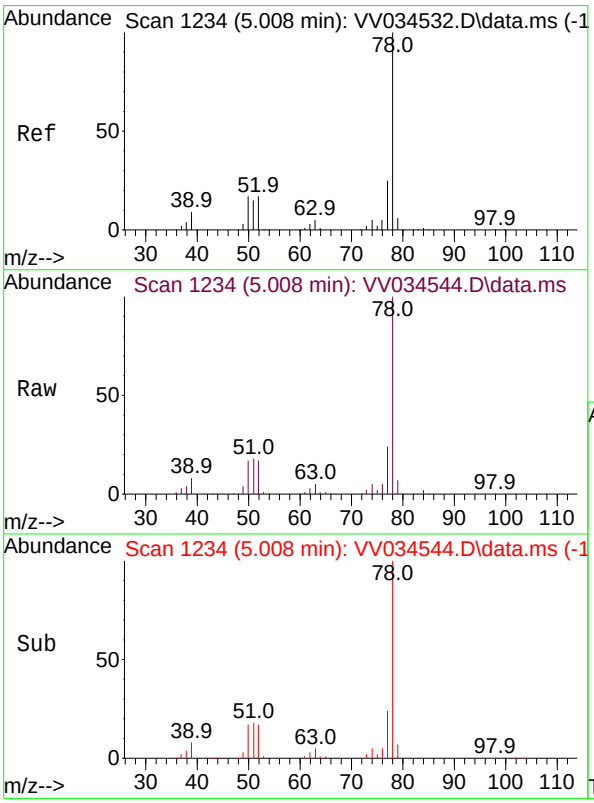
#31
Carbon tetrachloride
Concen: 48.958 ug/L
RT: 4.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:117 Resp: 183576

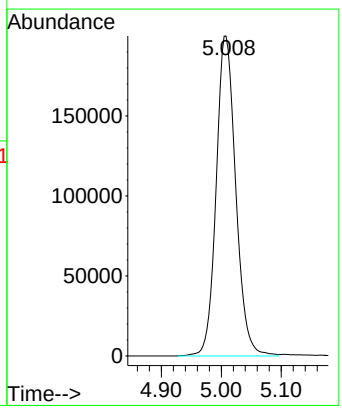
Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.5	116.3

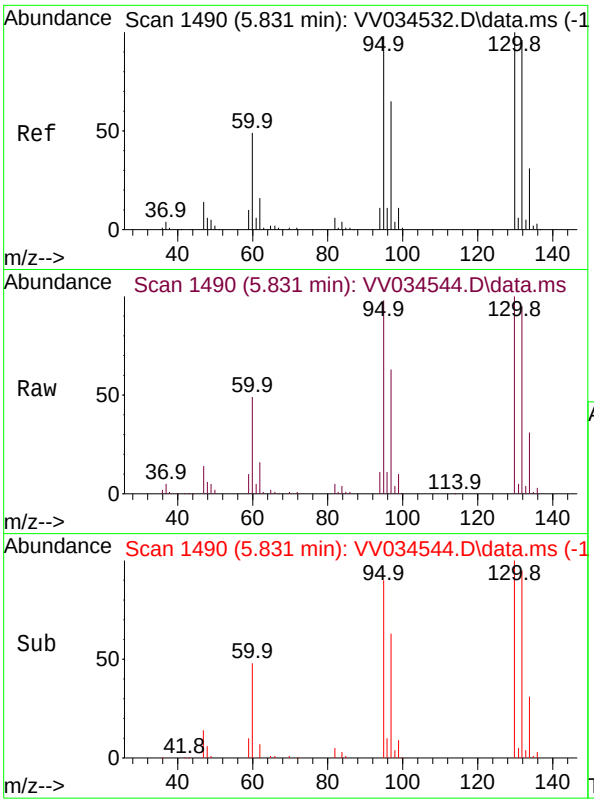




#33
Benzene
Concen: 49.299 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion: 78 Resp: 451946



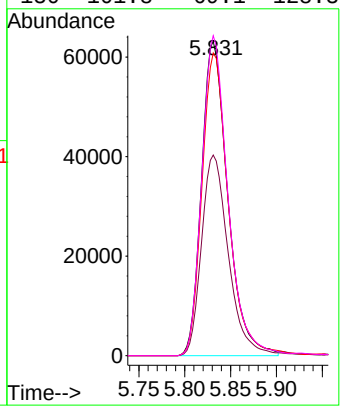


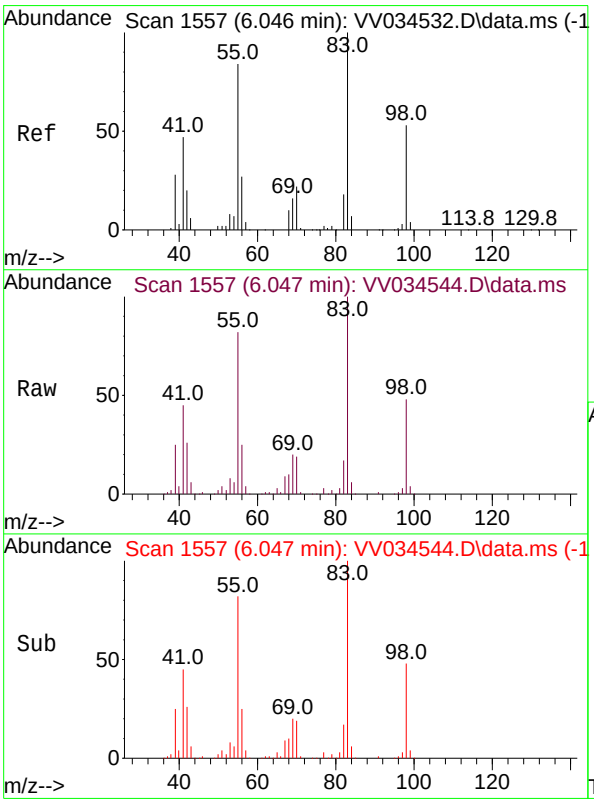
#34
Trichloroethene
Concen: 48.339 ug/L
RT: 5.831 min Scan# 14
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 125966

Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.7	83.1
132	96.3	65.3	121.3
130	101.8	69.1	128.3

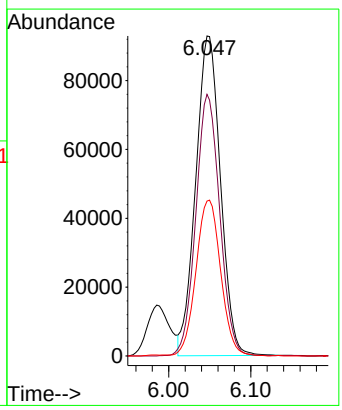


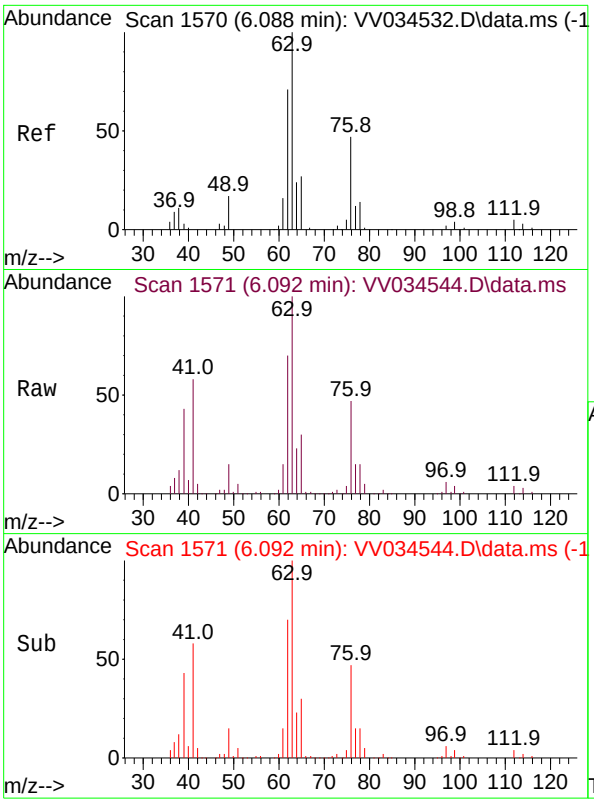


#35
Methylcyclohexane
Concen: 49.182 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion: 83 Resp: 194841

Ion	Ratio	Lower	Upper
83	100		
55	78.6	62.6	94.0
98	48.7	39.5	59.3



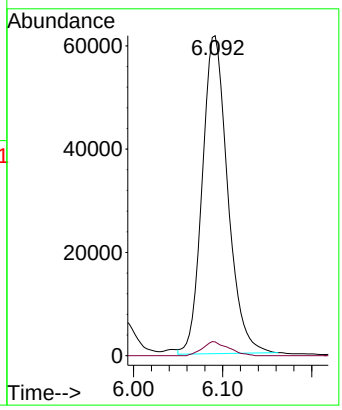


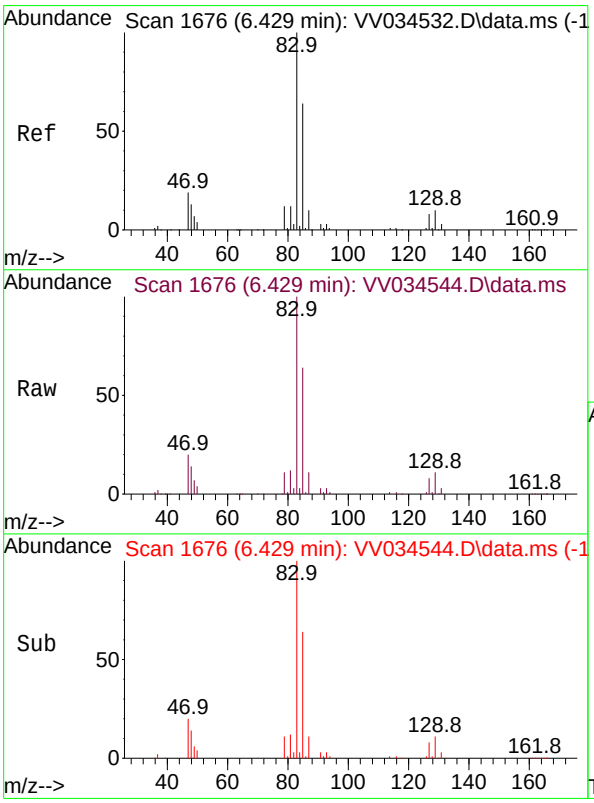
#37
1,2-Dichloropropane
Concen: 50.864 ug/L
RT: 6.092 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 122082

Ion	Ratio	Lower	Upper
63	100		
112	4.5	3.5	5.3

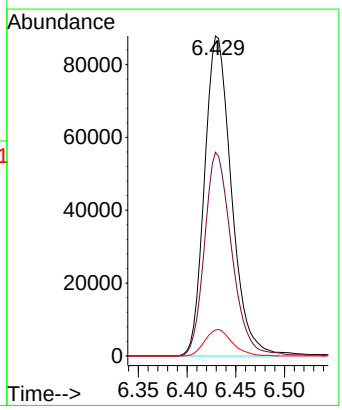


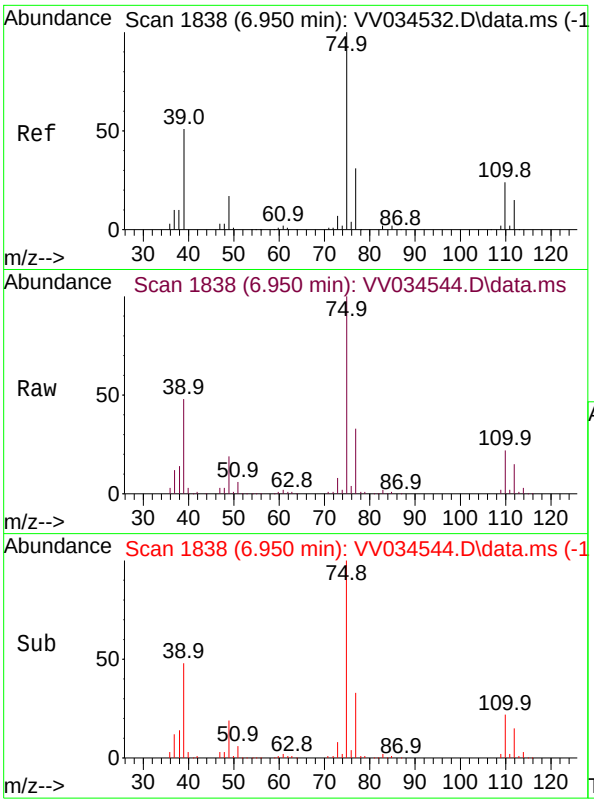


#38
Bromodichloromethane
Concen: 49.840 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion: 83 Resp: 168262

Ion	Ratio	Lower	Upper
83	100		
85	63.6	44.6	82.8
127	8.2	6.9	10.3



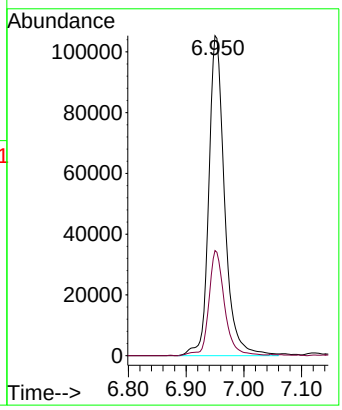


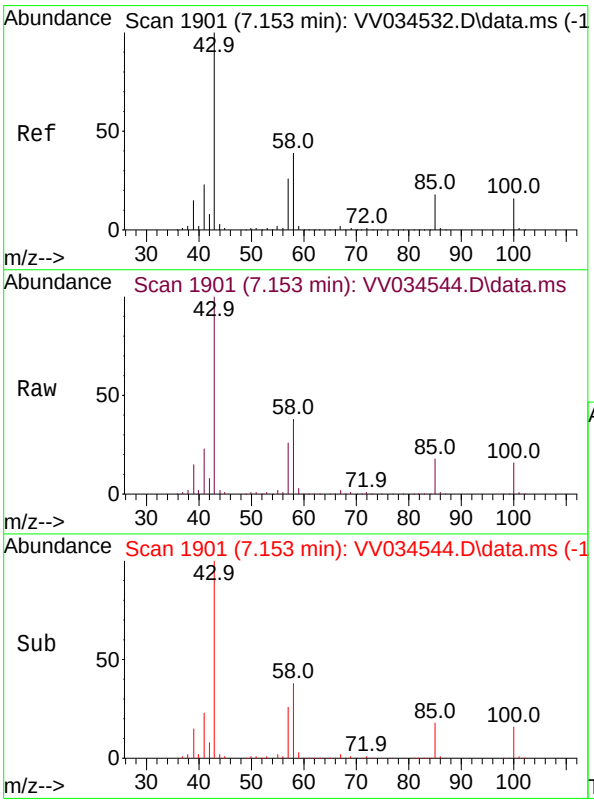
#39
cis-1,3-Dichloropropene
Concen: 51.669 ug/L
RT: 6.950 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 200926

Ion	Ratio	Lower	Upper
75	100		
77	32.9	20.9	38.9

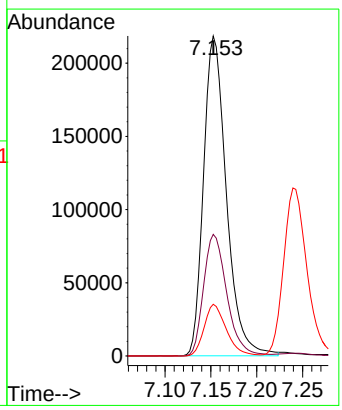


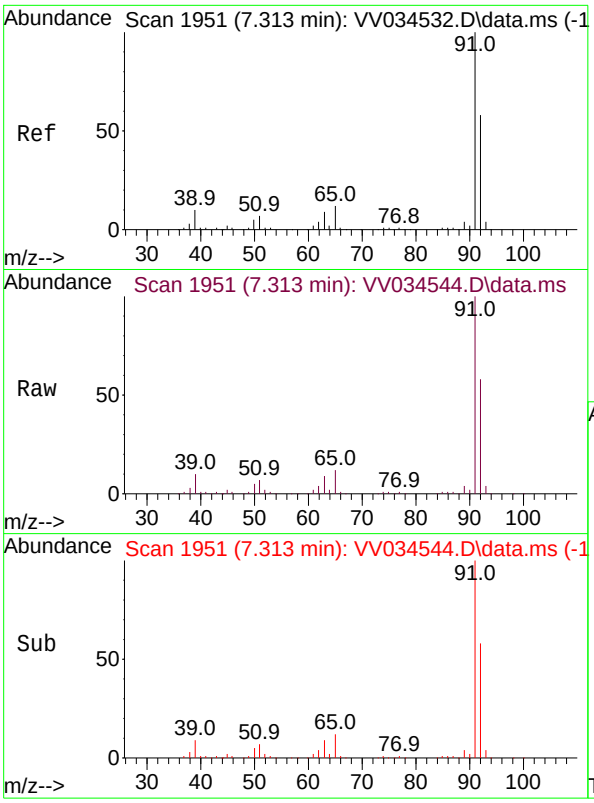


#40
4-Methyl-2-pentanone
Concen: 107.151 ug/L
RT: 7.153 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion: 43 Resp: 379222

Ion	Ratio	Lower	Upper
43	100		
58	38.6	30.6	46.0
100	15.7	12.5	18.7



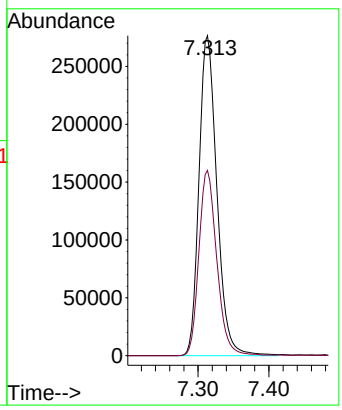


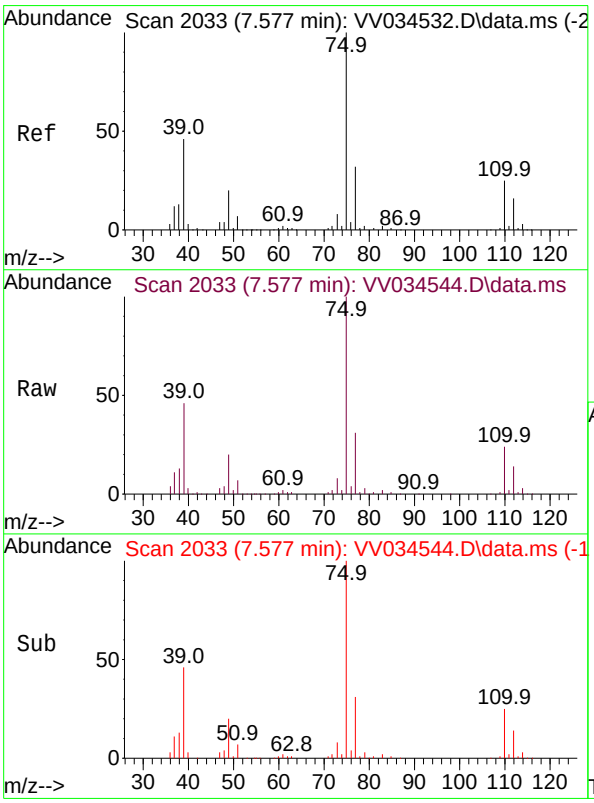
#42
Toluene
Concen: 49.953 ug/L
RT: 7.313 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 484666

Ion	Ratio	Lower	Upper
91	100		
92	57.9	40.5	75.1

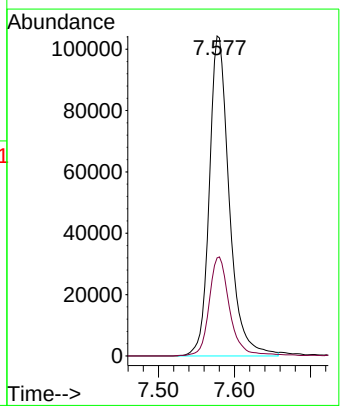


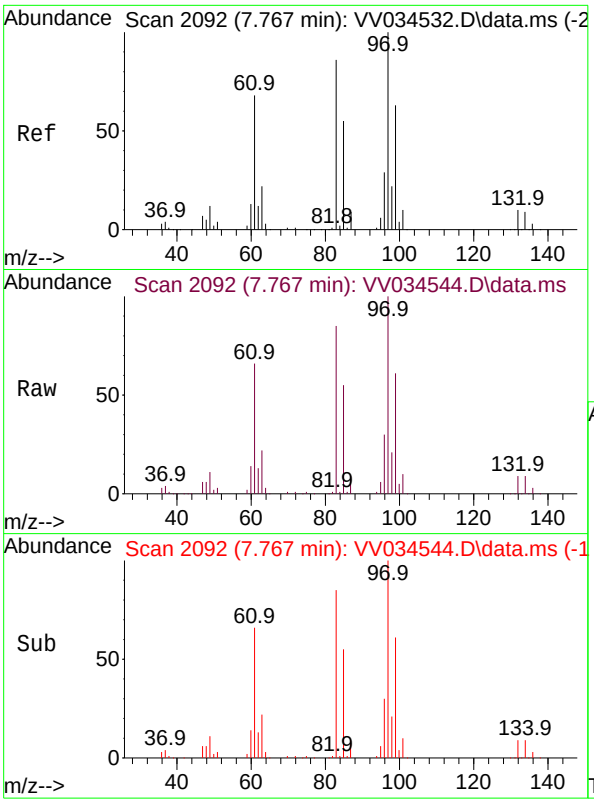


#44
trans-1,3-Dichloropropene
Concen: 50.726 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion: 75 Resp: 189716

Ion	Ratio	Lower	Upper
75	100		
77	30.7	21.8	40.4



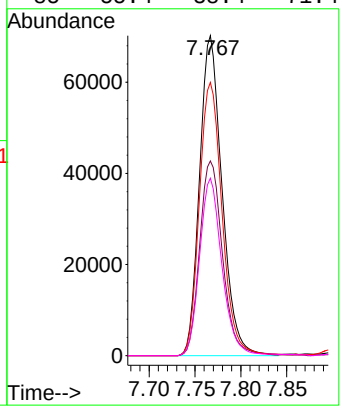


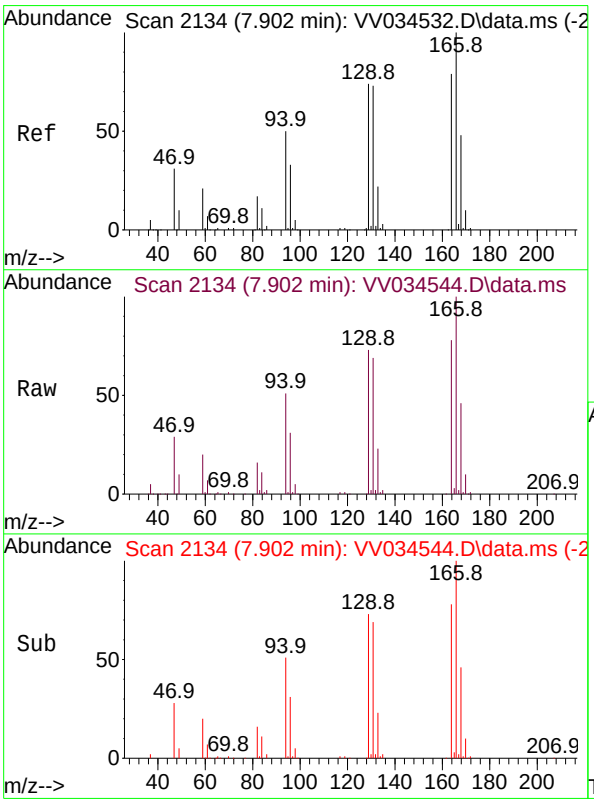
#45
1,1,2-Trichloroethane
Concen: 51.806 ug/L
RT: 7.767 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 119973

Ion	Ratio	Lower	Upper
97	100		
99	60.9	43.8	81.4
83	85.4	59.4	110.2
85	55.4	38.4	71.4

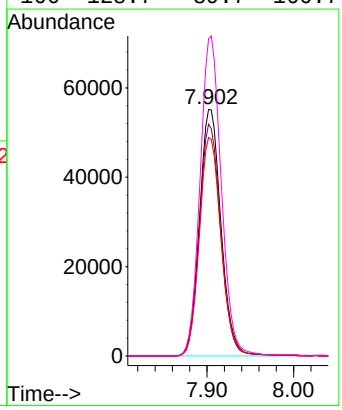


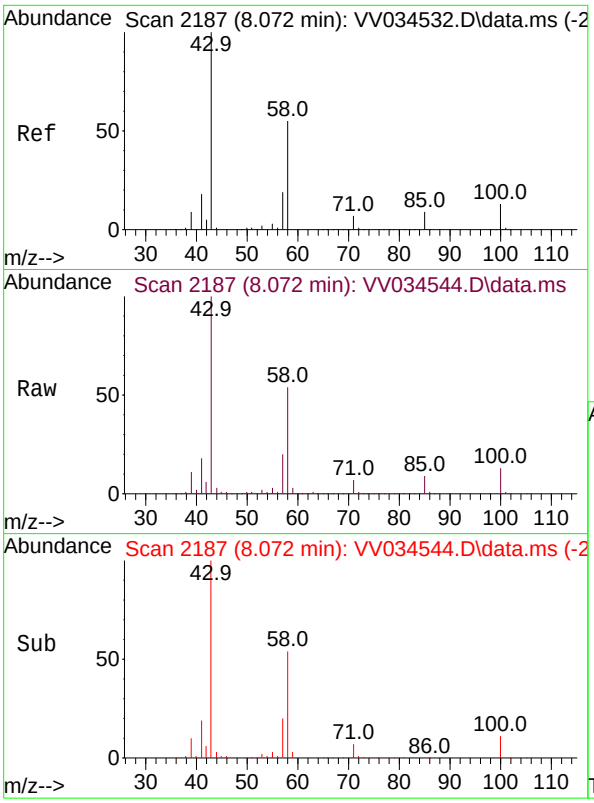


#46
Tetrachloroethene
Concen: 49.293 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion:164 Resp: 95529

Ion	Ratio	Lower	Upper
164	100		
129	94.0	65.7	121.9
131	88.6	62.2	115.6
166	128.7	89.7	166.7



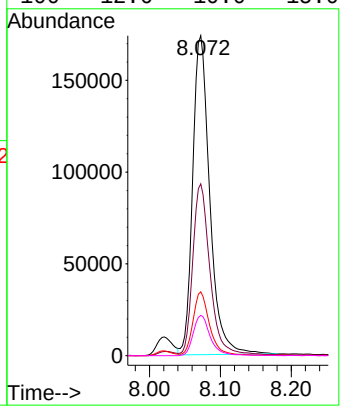


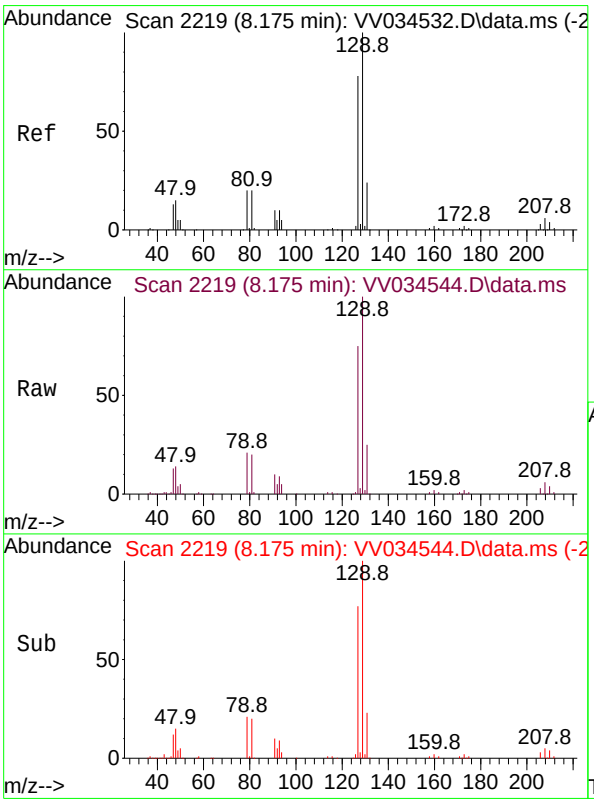
#48
2-Hexanone
Concen: 103.518 ug/L
RT: 8.072 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 291936

Ion	Ratio	Lower	Upper
43	100		
58	53.7	42.0	63.0
57	18.4	15.2	22.8
100	12.6	10.0	15.0

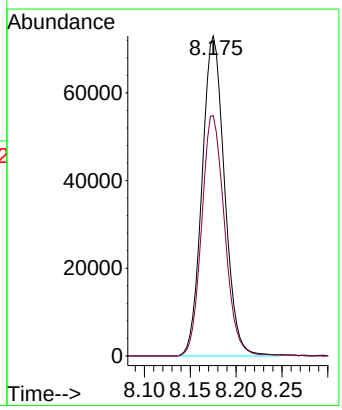


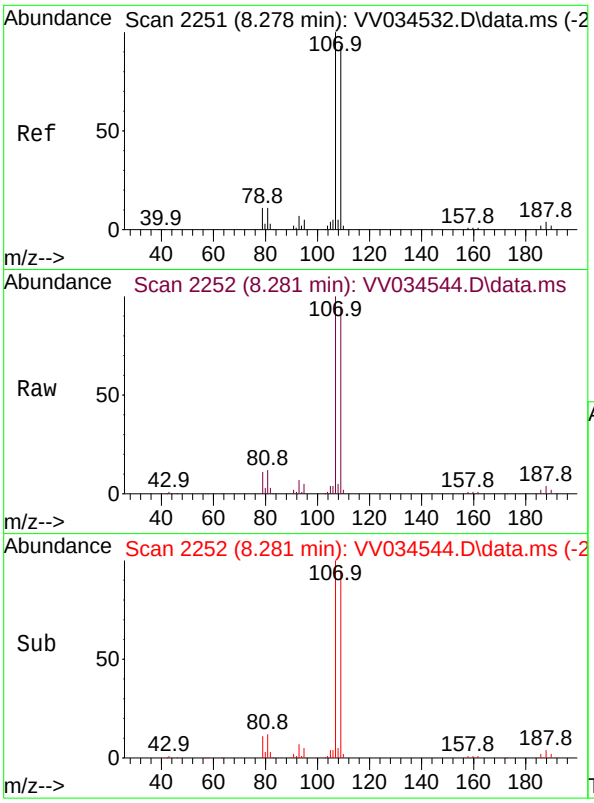


#49
Dibromochloromethane
Concen: 51.050 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion:129 Resp: 124756

Ion	Ratio	Lower	Upper
129	100		
127	75.1	53.3	98.9



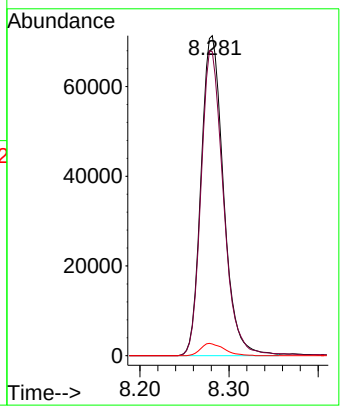


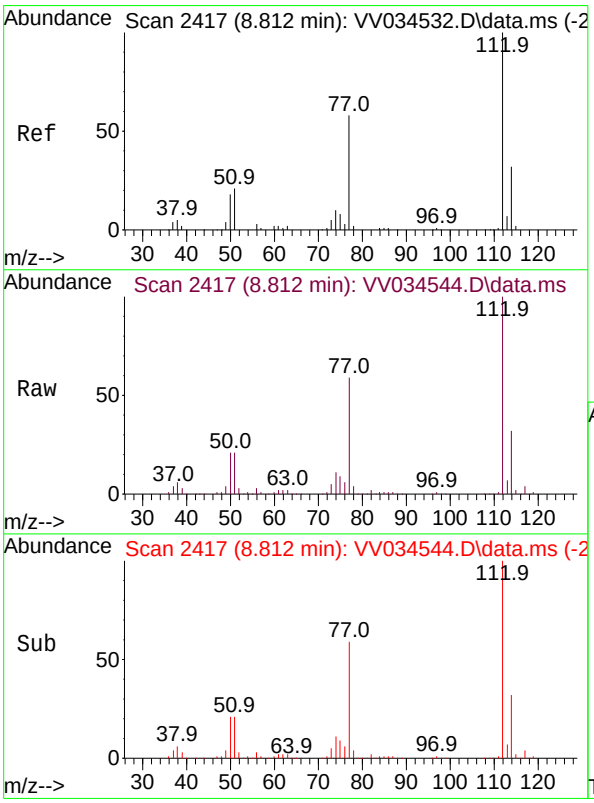
#50
1,2-Dibromoethane
Concen: 50.783 ug/L
RT: 8.281 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:107 Resp: 124795

Ion	Ratio	Lower	Upper
107	100		
109	95.0	66.5	123.5
188	3.6	3.4	5.2

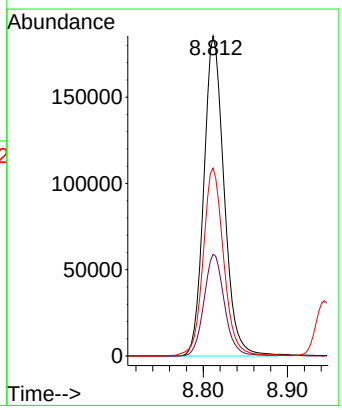


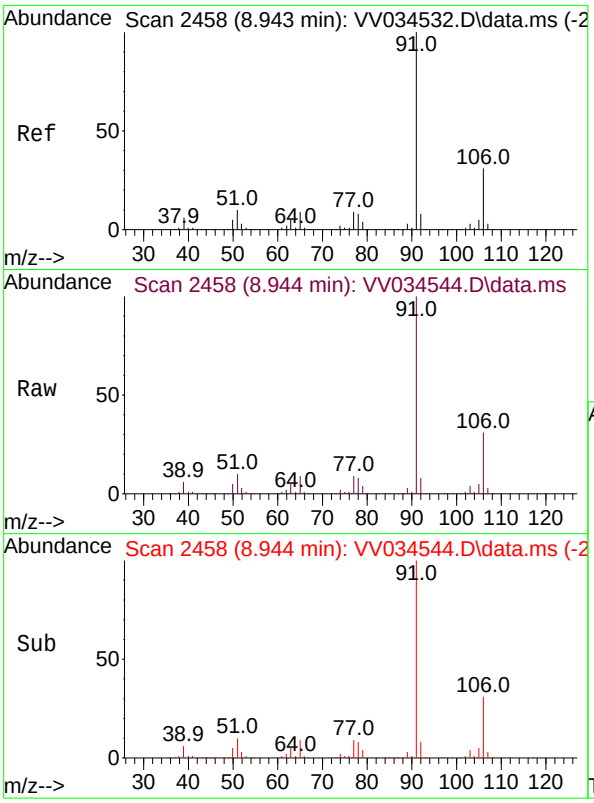


#51
Chlorobenzene
Concen: 49.517 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion:112 Resp: 310589

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.3	41.5
77	58.7	47.7	71.5



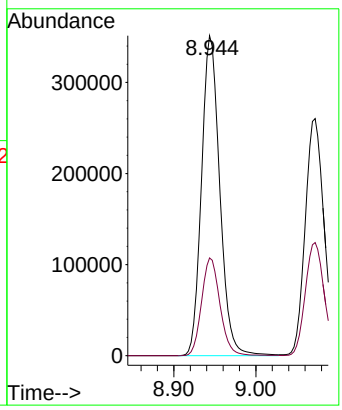


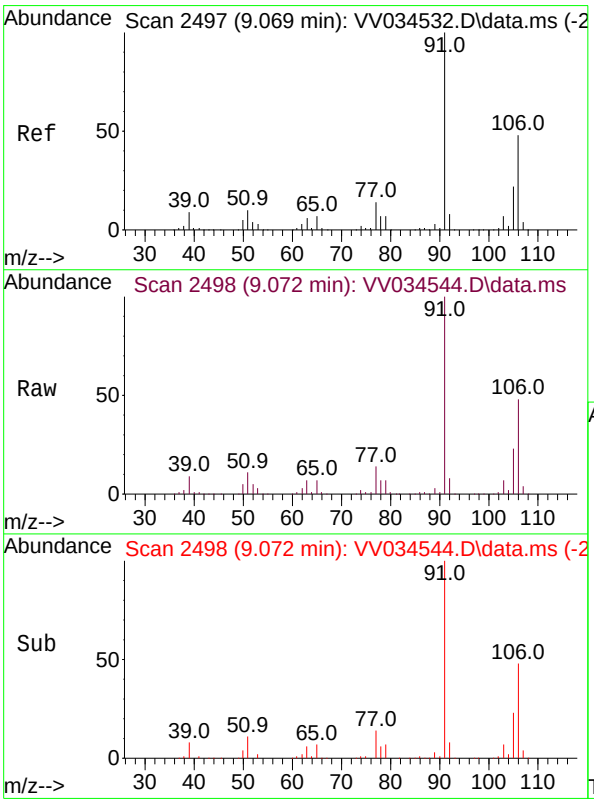
#52
Ethylbenzene
Concen: 50.045 ug/L
RT: 8.944 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 544062

Ion	Ratio	Lower	Upper
91	100		
106	30.6	21.3	39.5

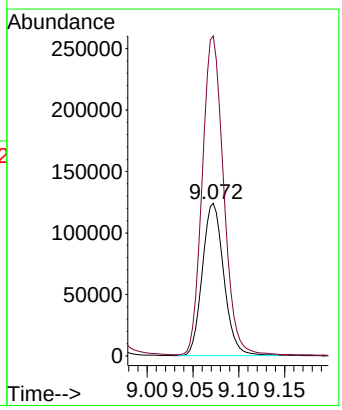


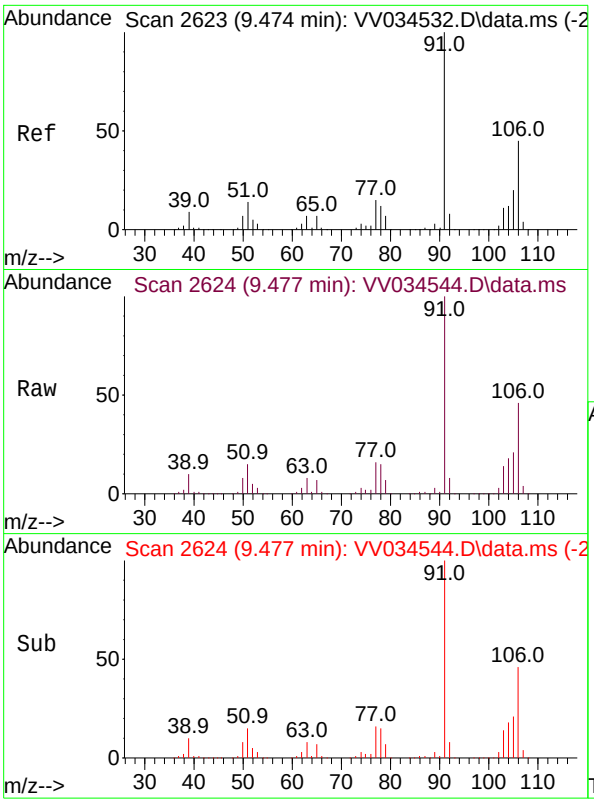


#53
m,p-Xylene
Concen: 48.932 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion:106 Resp: 201867

Ion	Ratio	Lower	Upper
106	100		
91	209.7	145.3	269.9



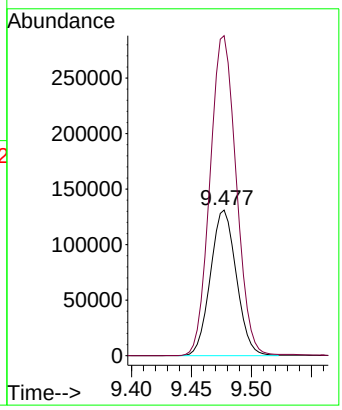


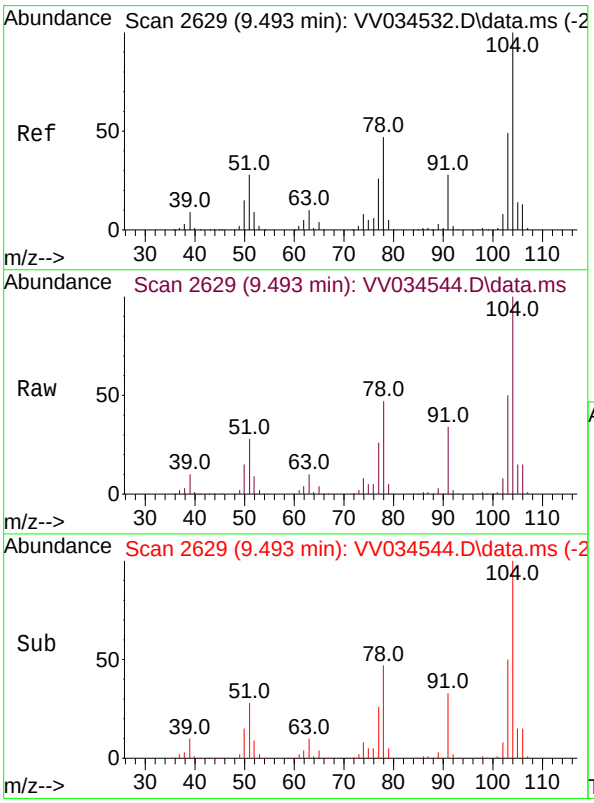
#54
o-Xylene
Concen: 48.837 ug/L
RT: 9.477 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 197287

Ion	Ratio	Lower	Upper
106	100		
91	219.7	152.2	282.7

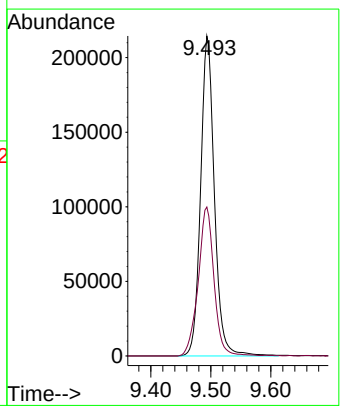


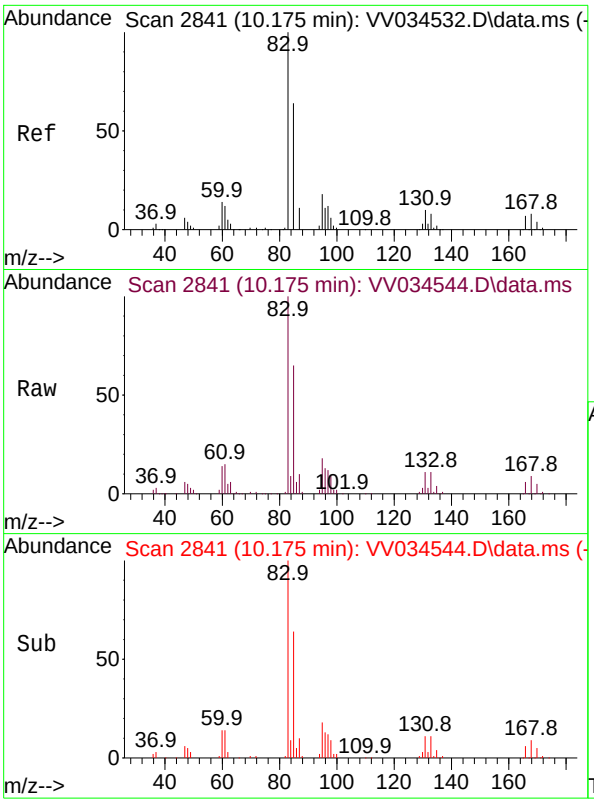


#55
Styrene
Concen: 50.400 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion:104 Resp: 344729

Ion	Ratio	Lower	Upper
104	100		
78	46.6	33.0	61.4



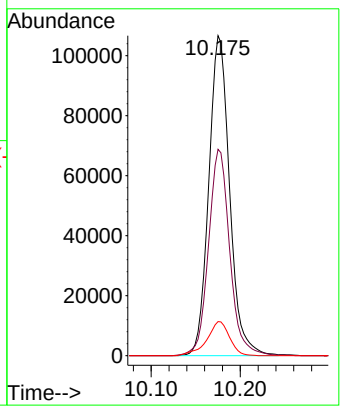


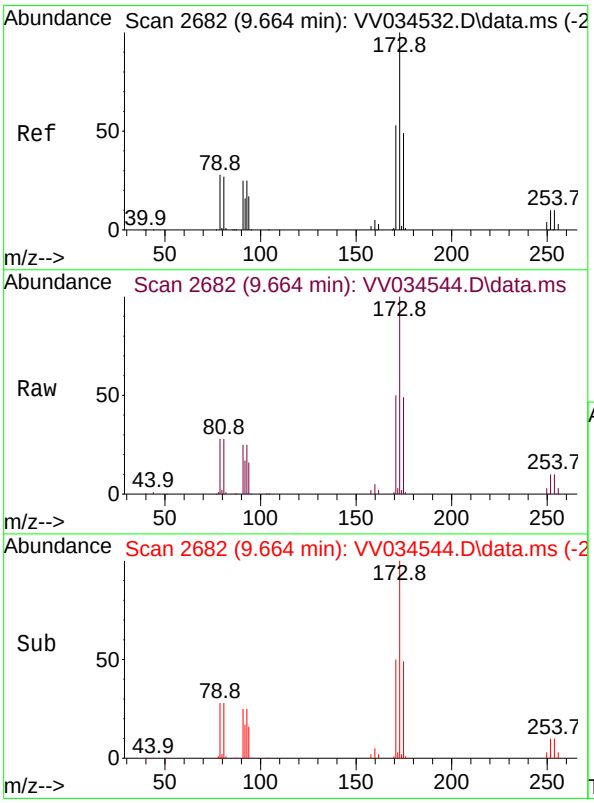
#57
1,1,2,2-Tetrachloroethane
Concen: 49.841 ug/L
RT: 10.175 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 173360

Ion	Ratio	Lower	Upper
83	100		
85	64.5	45.4	84.2
131	10.7	8.3	12.5

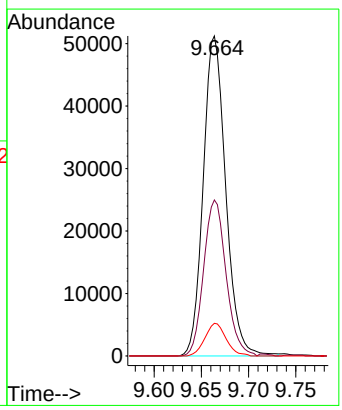


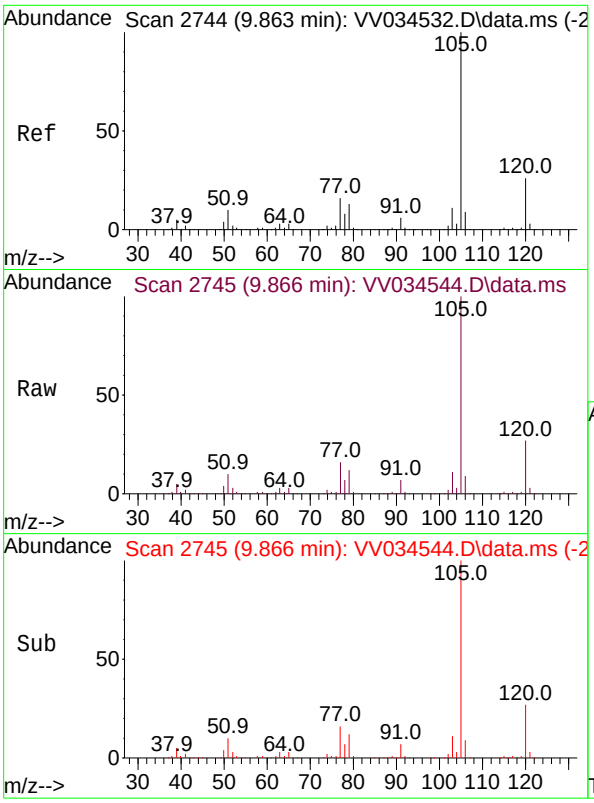


#59
Bromoform
Concen: 50.356 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion:173 Resp: 84805

Ion	Ratio	Lower	Upper
173	100		
175	48.5	39.1	58.7
254	9.6	7.8	11.8



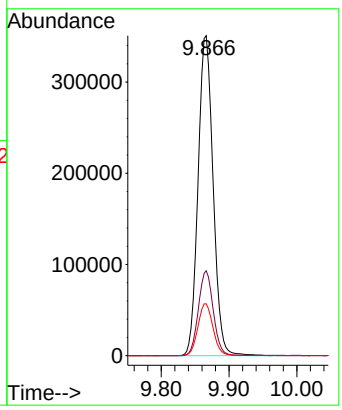


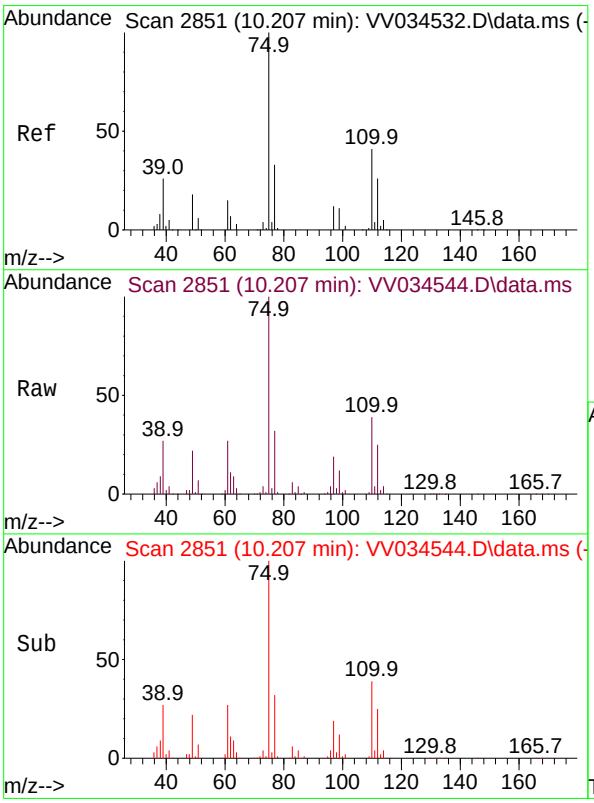
#60
Isopropylbenzene
Concen: 50.344 ug/L
RT: 9.866 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 540847

Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.8	31.2
77	16.2	13.0	19.6

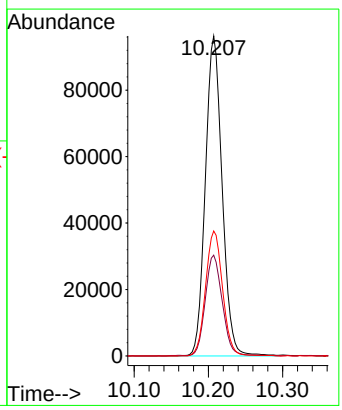


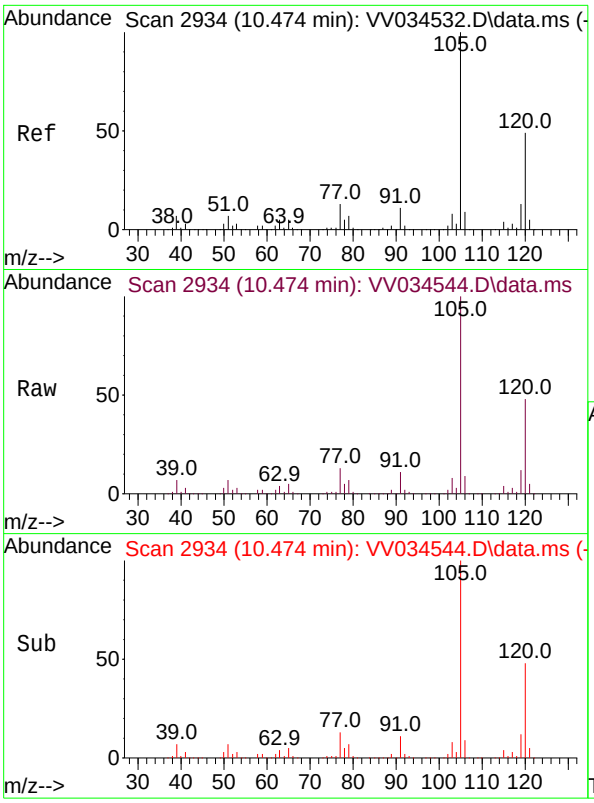


#61
1,2,3-Trichloropropane
Concen: 52.071 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion: 75 Resp: 150983

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.9	38.9
110	39.5	33.1	49.7



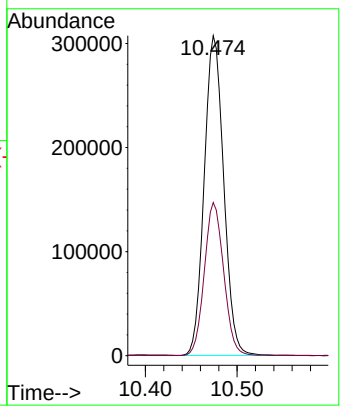


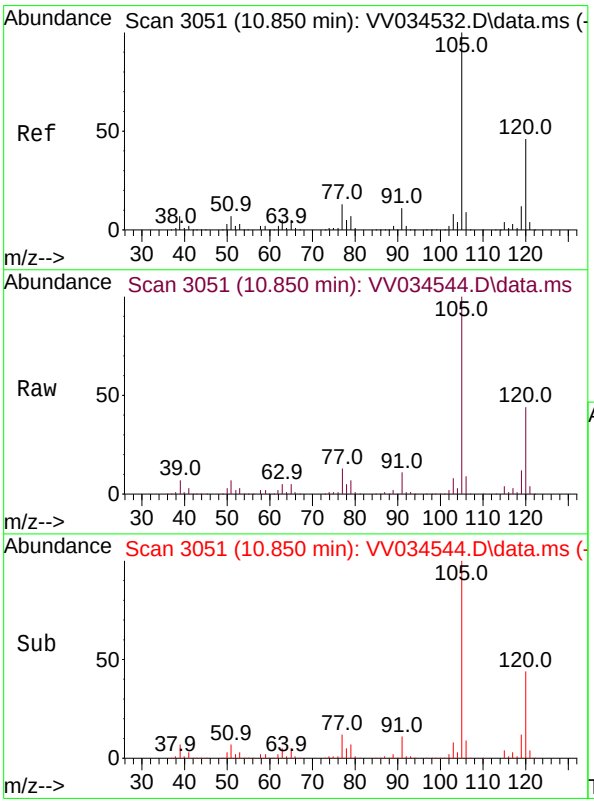
#62
1,3,5-Trimethylbenzene
Concen: 50.143 ug/L
RT: 10.474 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 454404

Ion	Ratio	Lower	Upper
105	100		
120	47.7	38.2	57.2

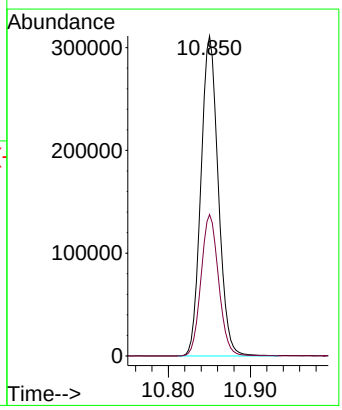


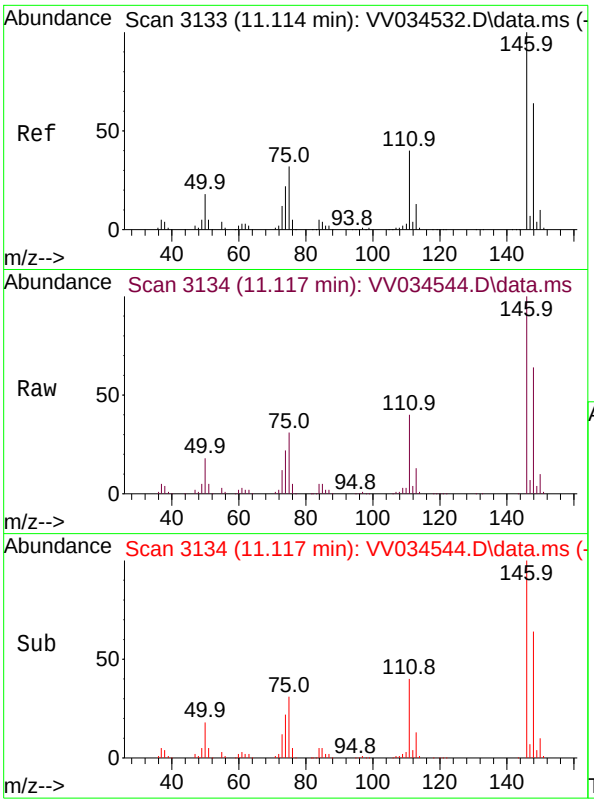


#63
1,2,4-Trimethylbenzene
Concen: 50.837 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion:105 Resp: 455646

Ion	Ratio	Lower	Upper
105	100		
120	44.9	36.2	54.4



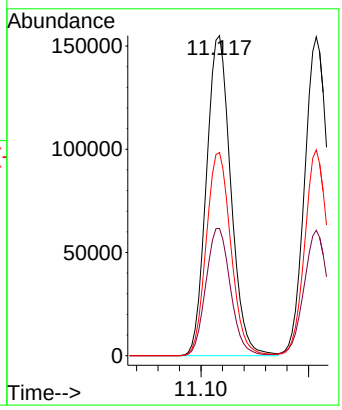


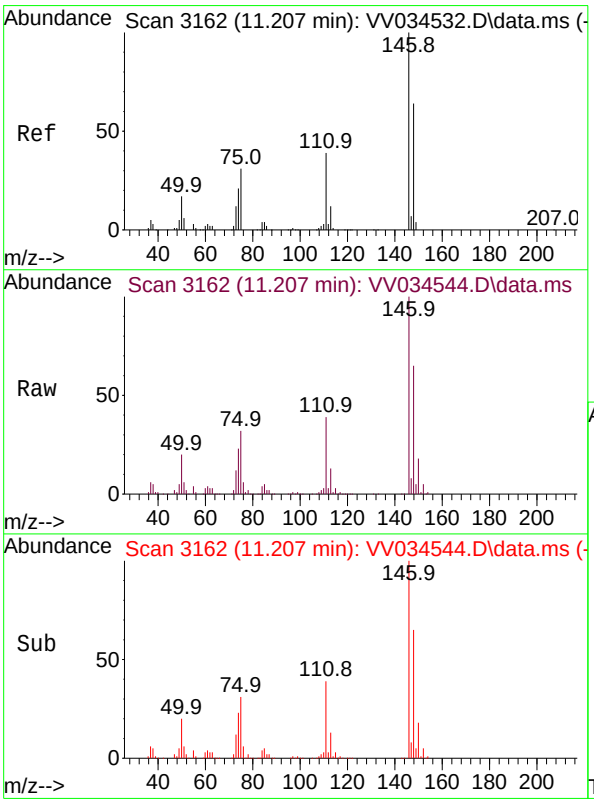
#64
1,3-Dichlorobenzene
Concen: 49.160 ug/L
RT: 11.117 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 244182

Ion	Ratio	Lower	Upper
146	100		
111	39.7	27.9	51.7
148	63.5	44.2	82.0

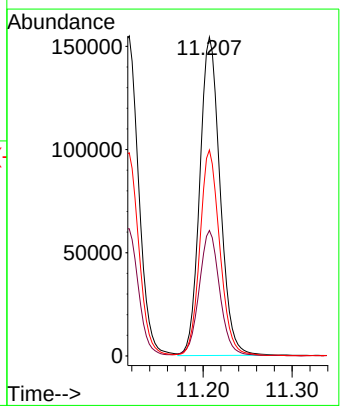


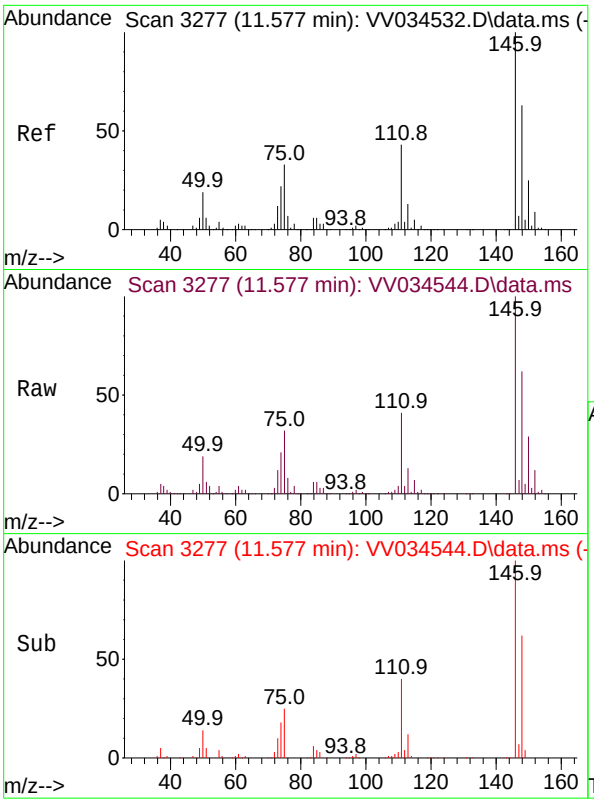


#65
1,4-Dichlorobenzene
Concen: 48.310 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion:146 Resp: 243681

Ion	Ratio	Lower	Upper
146	100		
111	39.3	26.5	49.1
148	64.6	44.0	81.8



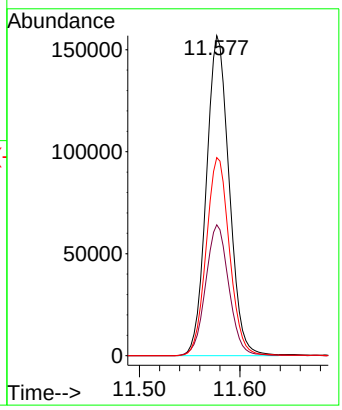


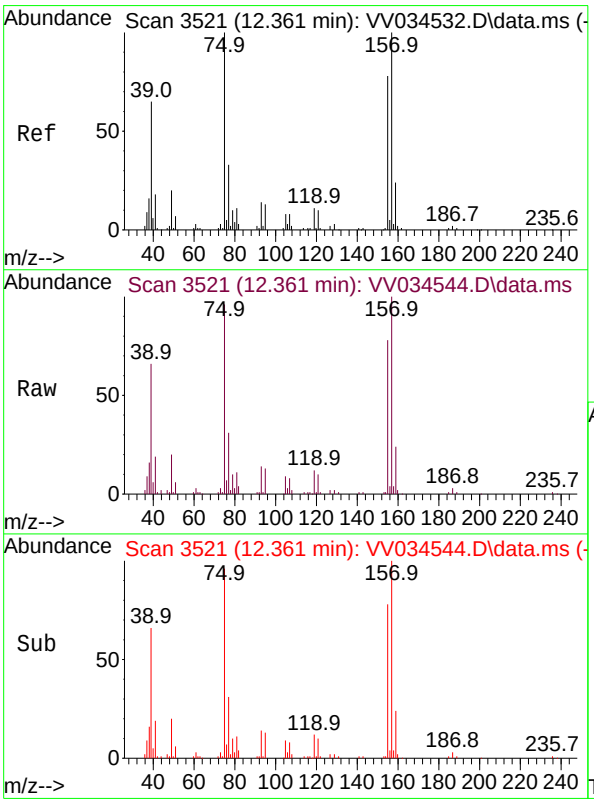
#67
1,2-Dichlorobenzene
Concen: 49.648 ug/L
RT: 11.577 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 247113

Ion	Ratio	Lower	Upper
146	100		
111	40.9	33.8	50.8
148	61.9	51.3	76.9

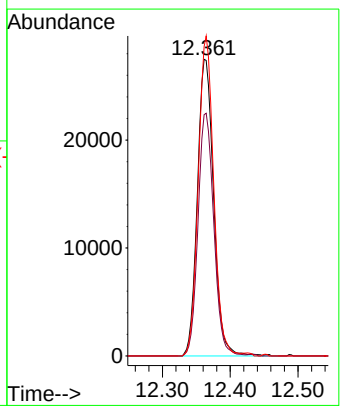


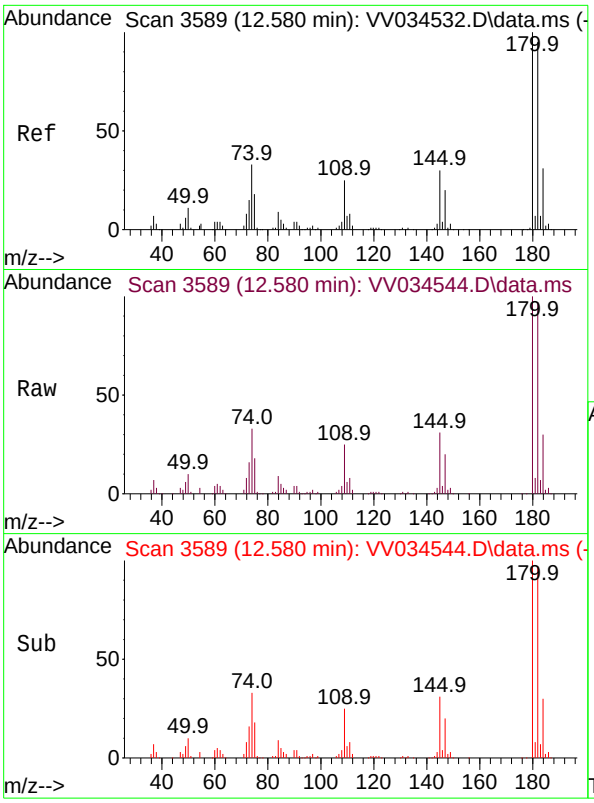


#68
1,2-Dibromo-3-chloropropane
Concen: 53.132 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion: 75 Resp: 45892

Ion	Ratio	Lower	Upper
75	100		
155	81.4	63.3	94.9
157	104.3	81.4	122.0



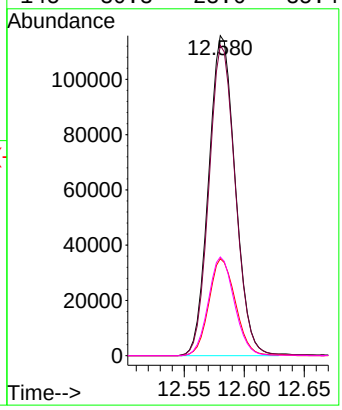


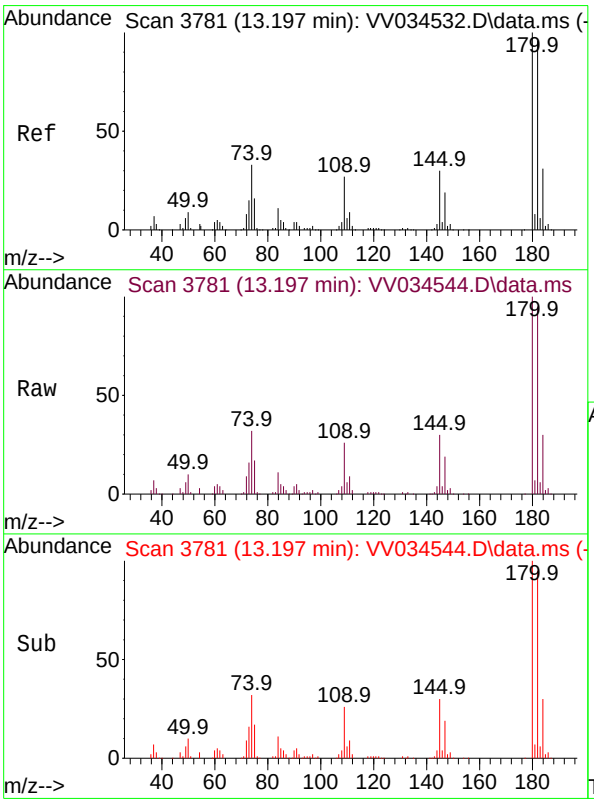
#69
1,3,5-Trichlorobenzene
Concen: 47.896 ug/L
RT: 12.580 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 178472

Ion	Ratio	Lower	Upper
180	100		
182	96.0	74.6	112.0
184	30.1	23.6	35.4
145	30.3	23.6	35.4

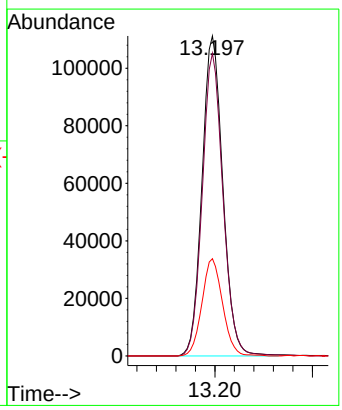


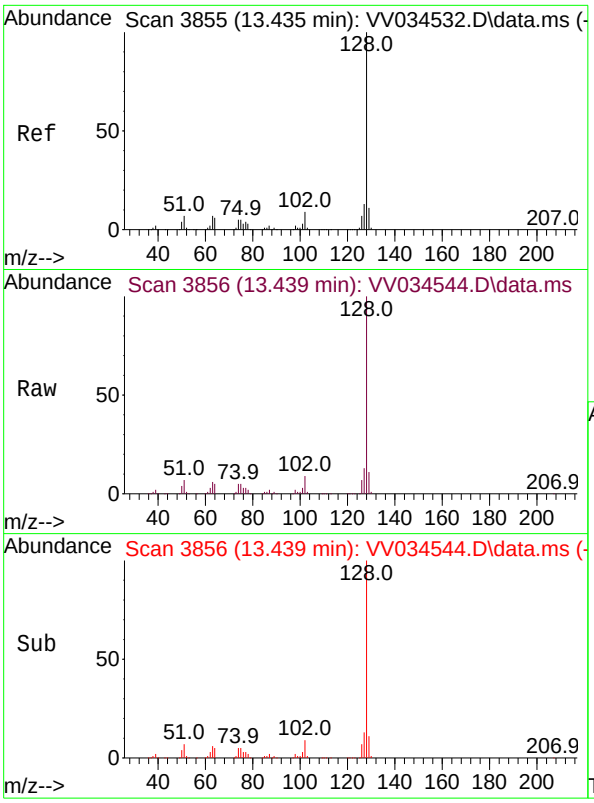


#70
1,2,4-trichlorobenzene
Concen: 49.184 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion:180 Resp: 164911

Ion	Ratio	Lower	Upper
180	100		
182	93.8	74.8	112.2
145	30.2	24.2	36.4



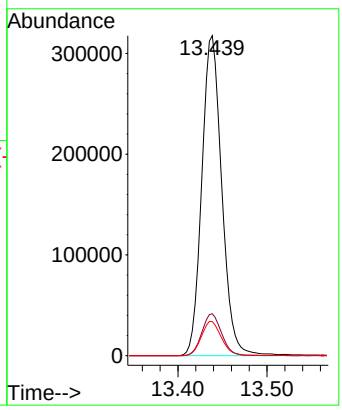


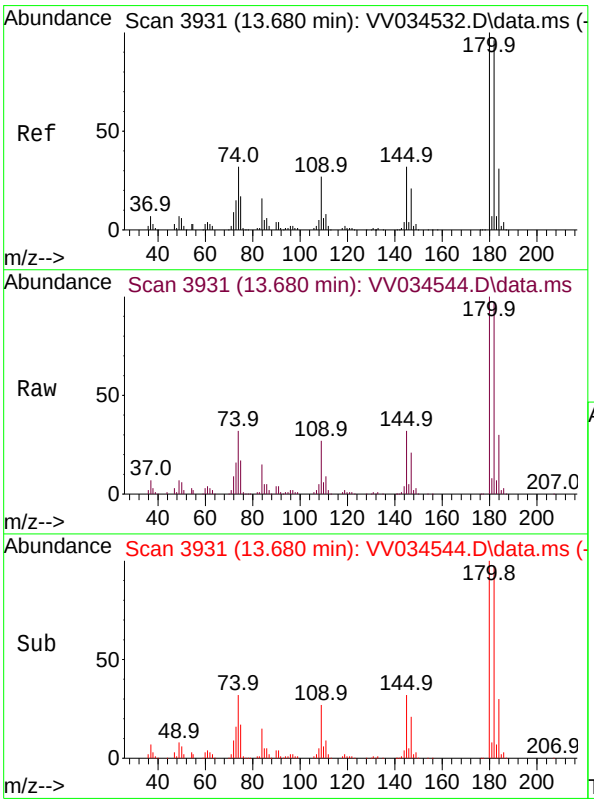
#71
Naphthalene
Concen: 55.098 ug/L
RT: 13.439 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 494168

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.7	8.7	13.1





#72
1,2,3-Trichlorobenzene
Concen: 50.291 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.000 min
Lab File: VV034544.D
Acq: 11 Mar 2024 15:40

Tgt Ion:180 Resp: 164499

Ion	Ratio	Lower	Upper
180	100		
182	97.7	75.9	113.9
145	32.6	25.5	38.3