Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011824\
Data File : VV033733.D
Acq On : 18 Jan 2024 12:08
Operator : SY/MD
Sample : P1143-04DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jan 19 00:10:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 19 00:08:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	107325	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	98102	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	49731	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	35521	6.052	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 121.000%			
7) Chloroethane-d5	1.536	69	29110	5.593	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 111.800%			
11) 1,1-Dichloroethene-d2	2.063	65	16588	6.272	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 125.400%#			
20) 2-Butanone-d5	3.812	46	47845	33.343	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 66.680%			
24) Chloroform-d	4.252	84	60090	4.735	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.600%			
26) 1,2-Dichloroethane-d4	4.947	65	26608	4.676	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.600%			
32) Benzene-d6	4.963	84	125375	5.297	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.000%			
36) 1,2-Dichloropropane-d6	5.989	67	36547	4.631	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.600%			
41) Toluene-d8	7.243	98	117149	5.544	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.800%			
43) trans-1,3-Dichloroprop...	7.558	79	11684	4.282	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.600%			
46) 2-Hexanone-d5	8.027	63	38445	35.890	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 71.780%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	19062	4.134	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.600%			
66) 1,2-Dichlorobenzene-d4	11.561	152	36801	4.820	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.400%			
Target Compounds						Qvalue
8) Chloroethane	1.317	64	28135	4.149	ug/L #	51
15) Methyl Acetate	2.381	43	958	0.344	ug/L #	56
16) Methylene chloride	2.452	84	2348	0.263	ug/L	92
30) Cyclohexane	4.580	56	6053	0.363	ug/L #	92
33) Benzene	5.021	78	8384	0.241	ug/L	100
35) Methylcyclohexane	6.053	83	7255	0.462	ug/L	97
37) 1,2-Dichloropropane	5.989	63	4202	0.486	ug/L #	87
42) Toluene	7.326	91	5055	0.137	ug/L	83
45) 1,1,2-Trichloroethane	7.715	97	731	0.152	ug/L #	15
51) Chlorobenzene	8.812	112	136041	6.029	ug/L	98
53) m,p-Xylene	9.085	106	902	0.057	ug/L	72
54) o-Xylene	9.481	106	7792	0.509	ug/L	97
60) Isopropylbenzene	9.866	105	46765	1.189	ug/L	98
61) 1,2,3-Trichloropropane	10.294	75	509	0.128	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.477	105	20871	0.614	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	10903	0.318	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	4716	0.271	ug/L	96
65) 1,4-Dichlorobenzene	11.210	146	18051	1.059	ug/L	95
67) 1,2-Dichlorobenzene	11.580	146	9349	0.618	ug/L	96

Quantitation Report (Not Reviewed)

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Operator : SY/MD
Sample : P1143-04DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jan 19 00:10:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 19 00:08:23 2024
Response via : Initial Calibration

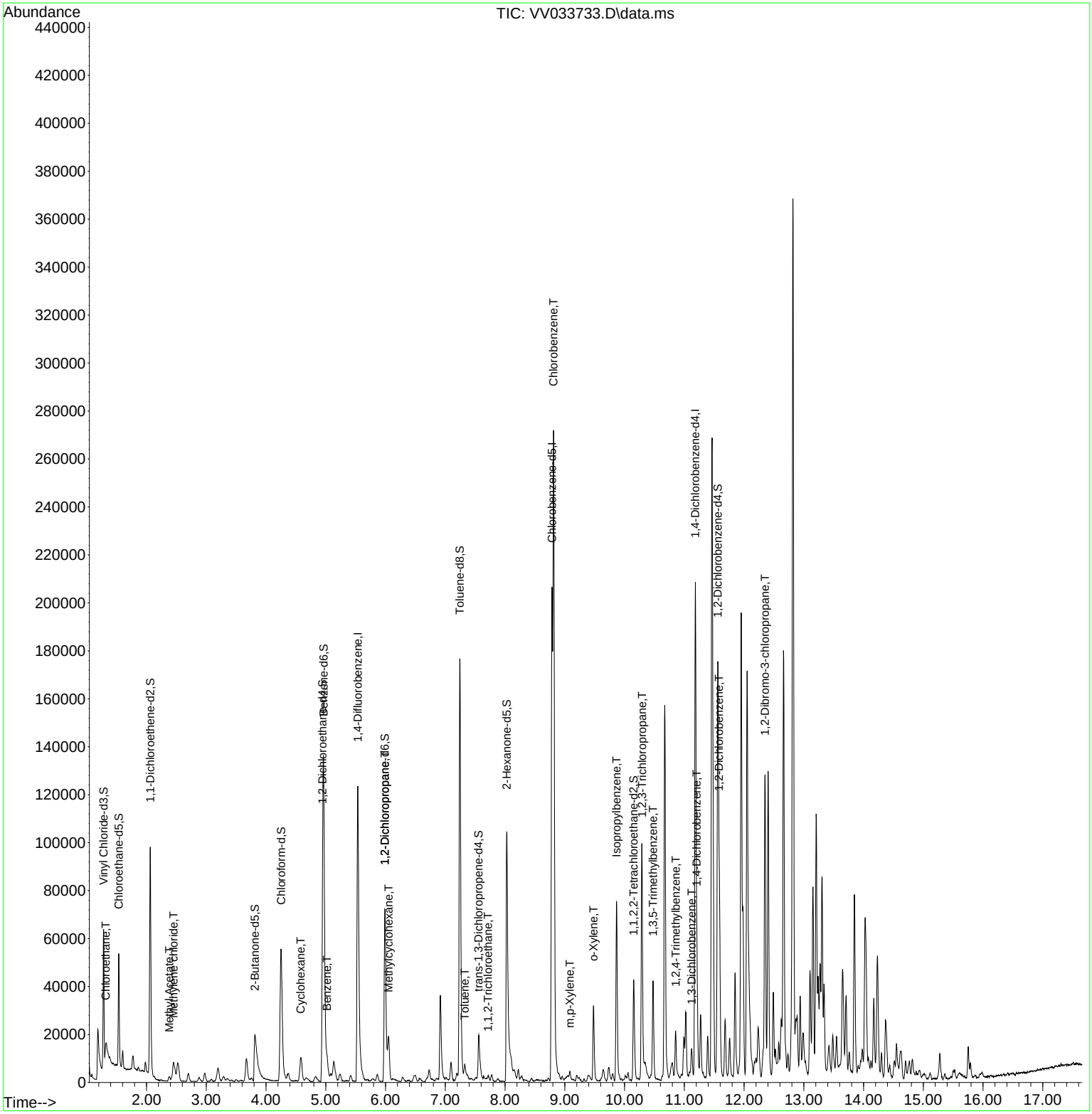
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1,2-Dibromo-3-chloropr...	12.349	75	535	0.611	ug/L #	5

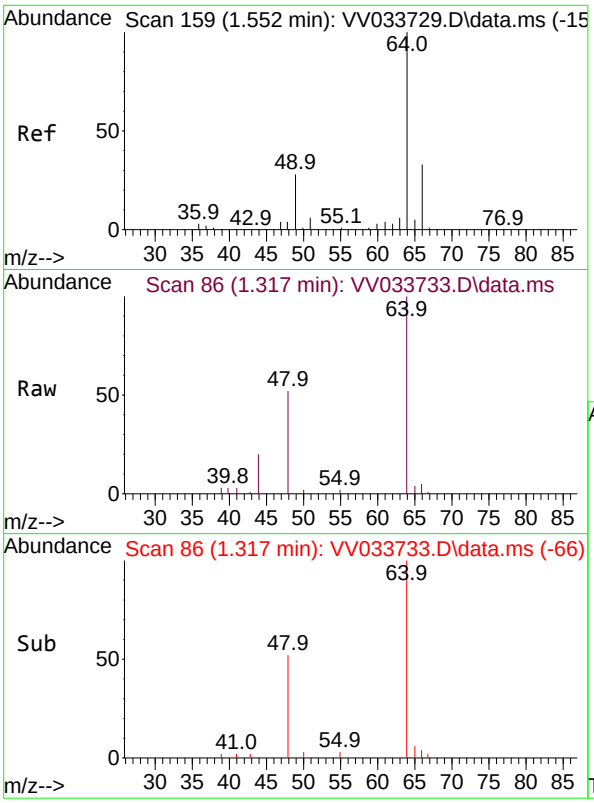
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011824\
Data File : VV033733.D
Acq On : 18 Jan 2024 12:08
Operator : SY/MD
Sample : P1143-04DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jan 19 00:10:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 19 00:08:23 2024
Response via : Initial Calibration



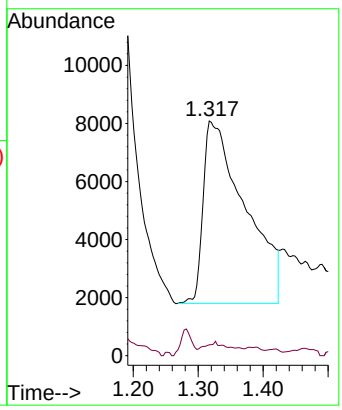


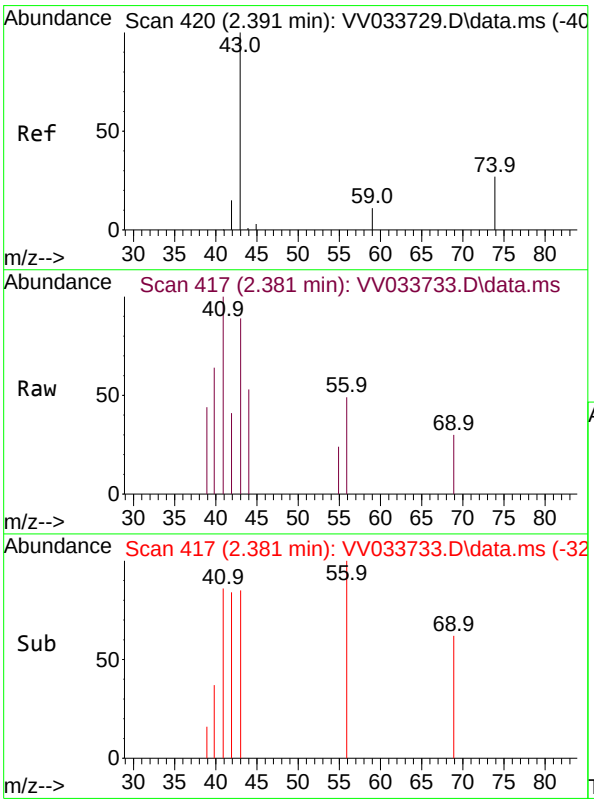
#8
Chloroethane
Concen: 4.149 ug/L
RT: 1.317 min Scan# 8
Delta R.T. -0.235 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 64 Resp: 28135

Ion	Ratio	Lower	Upper
64	100		
66	4.6	22.6	42.0#

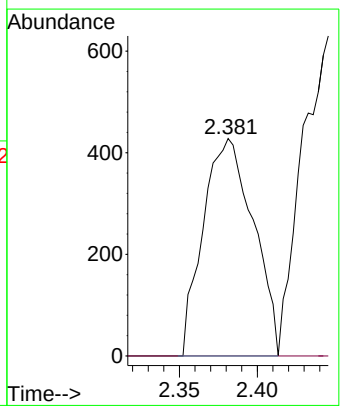


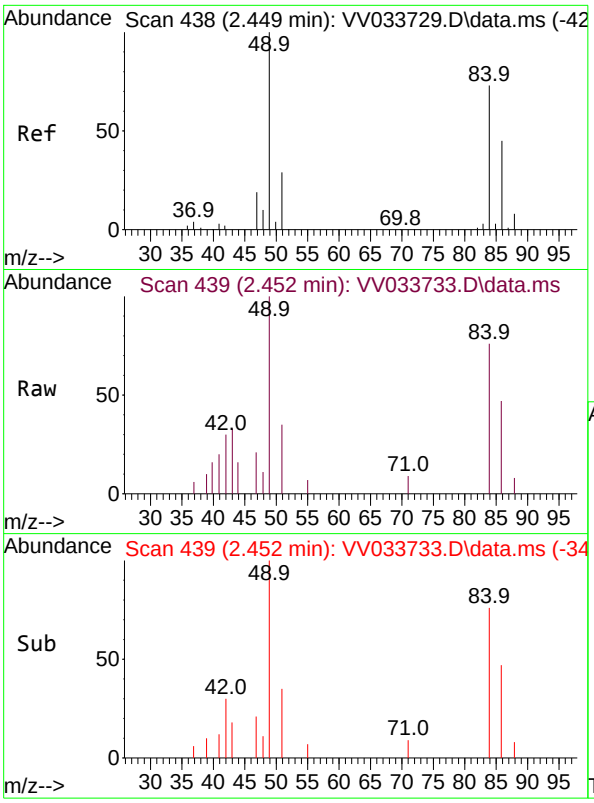


#15
Methyl Acetate
Concen: 0.344 ug/L
RT: 2.381 min Scan# 417
Delta R.T. -0.010 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

Tgt Ion: 43 Resp: 958

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.6	24.8#



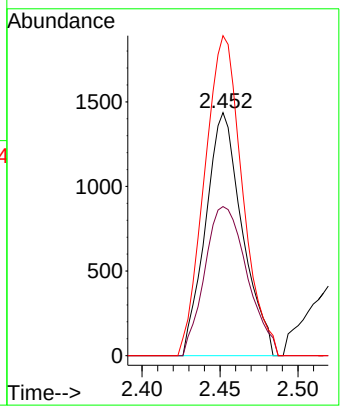


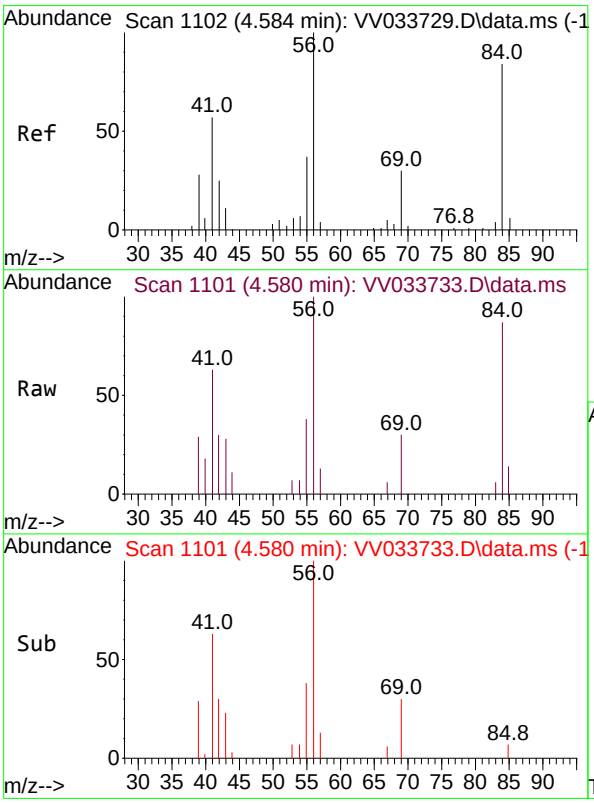
#16
Methylene chloride
Concen: 0.263 ug/L
RT: 2.452 min Scan# 4
Delta R.T. 0.003 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 2348

Ion	Ratio	Lower	Upper
84	100		
86	61.4	45.5	84.5
49	131.7	100.3	186.3

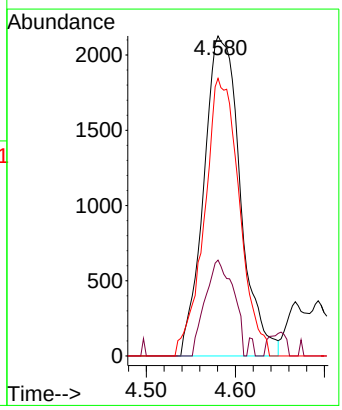


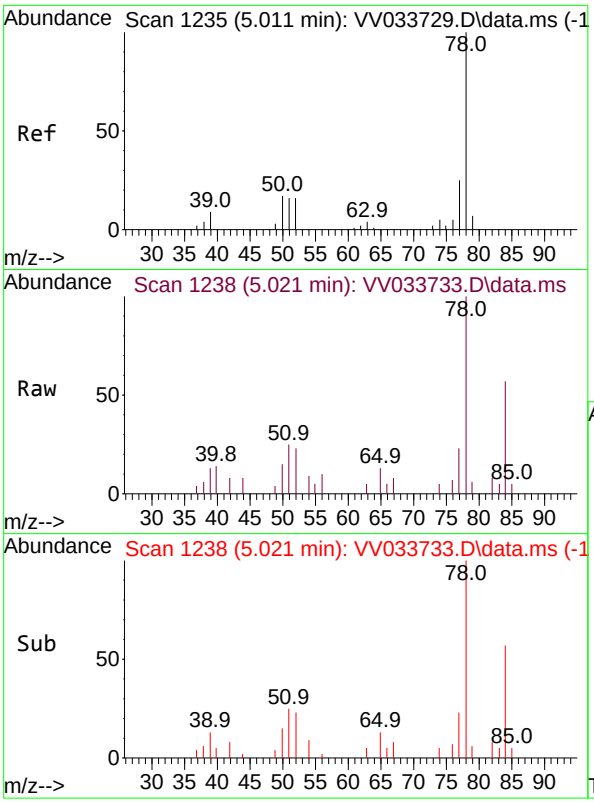


#30
Cyclohexane
Concen: 0.363 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. -0.003 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

Tgt Ion: 56 Resp: 6053

Ion	Ratio	Lower	Upper
56	100		
69	23.1	23.3	34.9#
84	82.9	61.7	92.5

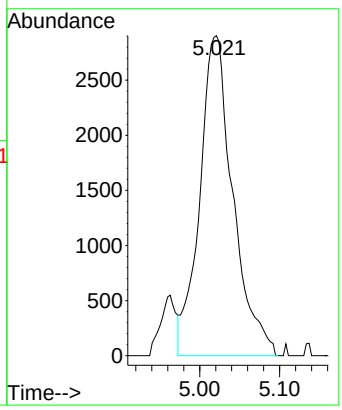


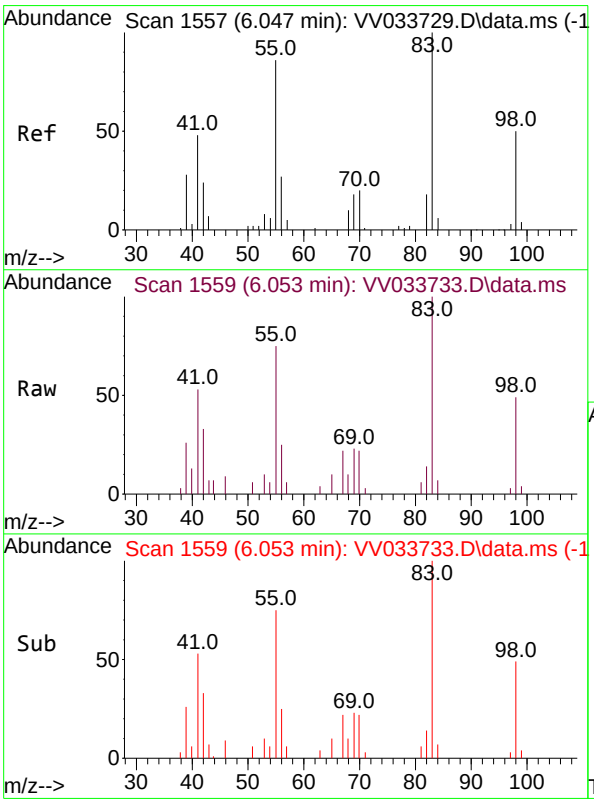


#33
Benzene
Concen: 0.241 ug/L
RT: 5.021 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 8384

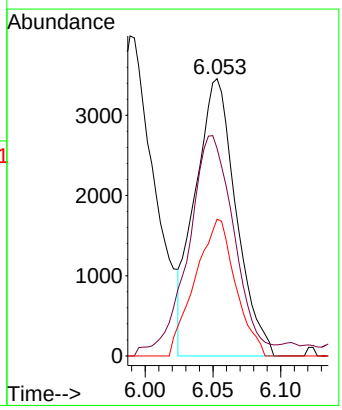


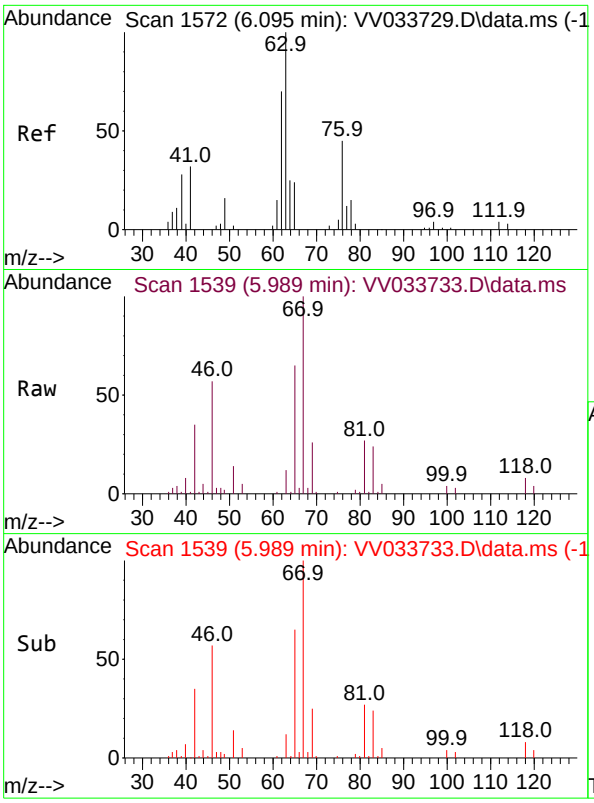


#35
Methylcyclohexane
Concen: 0.462 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.006 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

Tgt Ion: 83 Resp: 7255

Ion	Ratio	Lower	Upper
83	100		
55	89.1	68.7	103.1
98	48.5	38.3	57.5



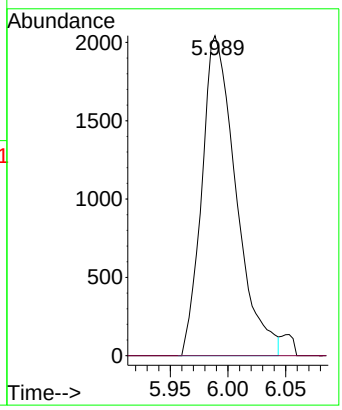


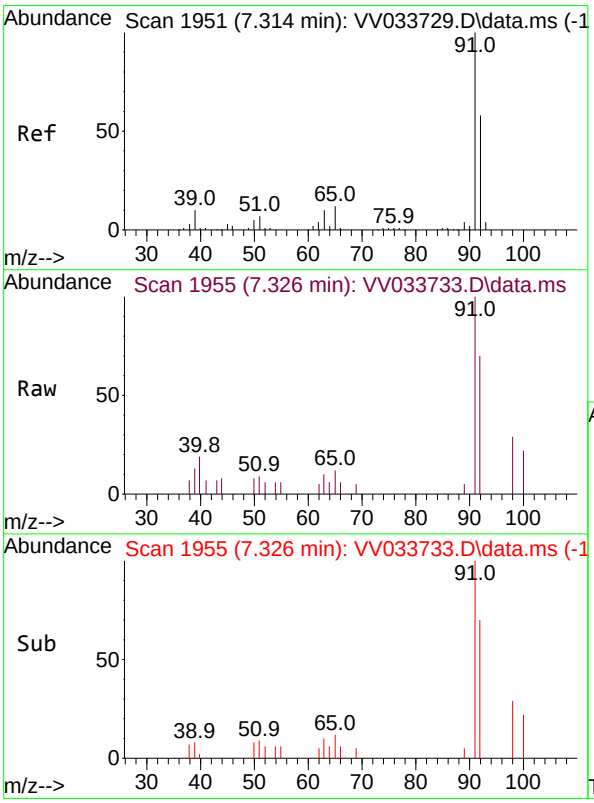
#37
1,2-Dichloropropane
Concen: 0.486 ug/L
RT: 5.989 min Scan# 1
Delta R.T. -0.106 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 4202

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#

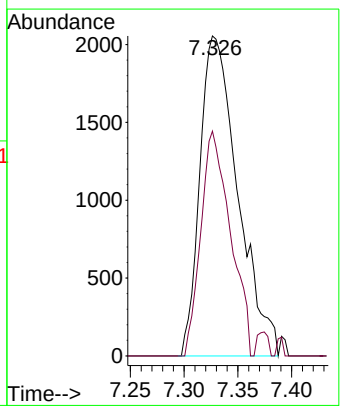


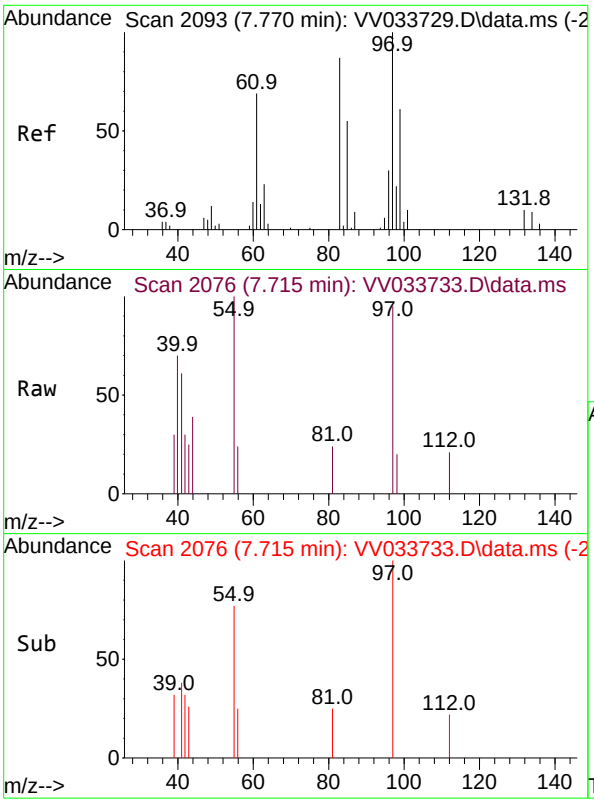


#42
Toluene
Concen: 0.137 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.013 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

Tgt Ion: 91 Resp: 5055

Ion	Ratio	Lower	Upper
91	100		
92	70.3	40.5	75.3



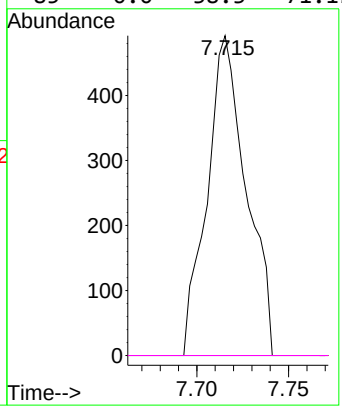


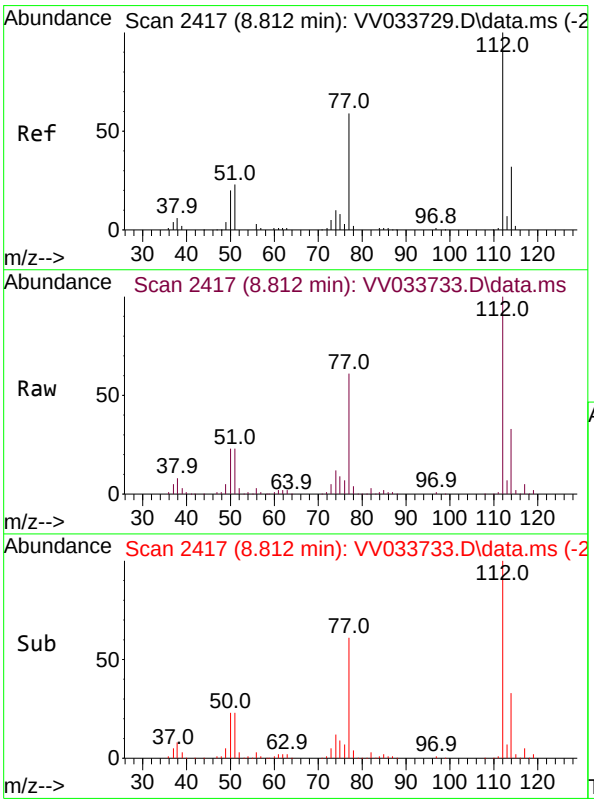
#45
1,1,2-Trichloroethane
Concen: 0.152 ug/L
RT: 7.715 min Scan# 2
Delta R.T. -0.055 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 731

Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.9	83.3#
83	0.0	60.5	112.3#
85	0.0	38.3	71.1#

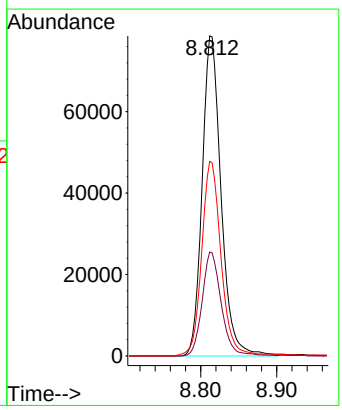


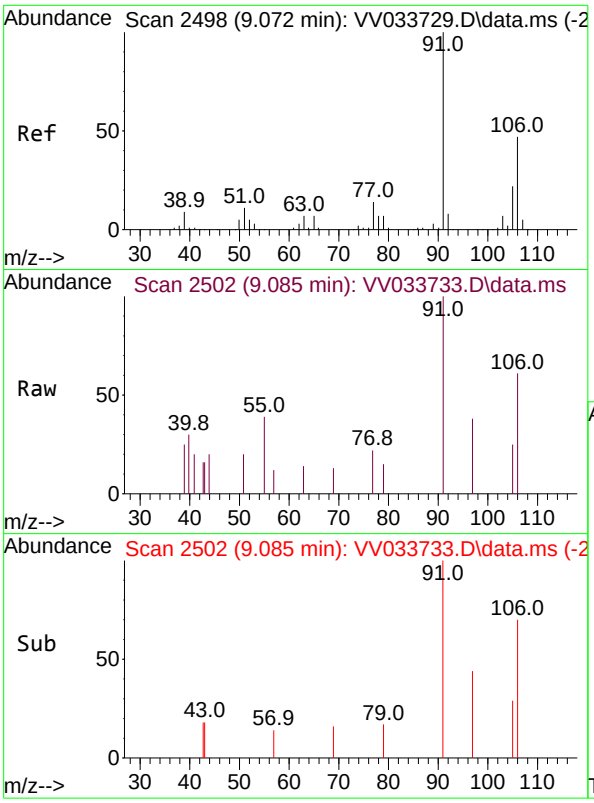


#51
Chlorobenzene
Concen: 6.029 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

Tgt Ion:112 Resp: 136041

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.9	42.5
77	60.8	50.8	76.2



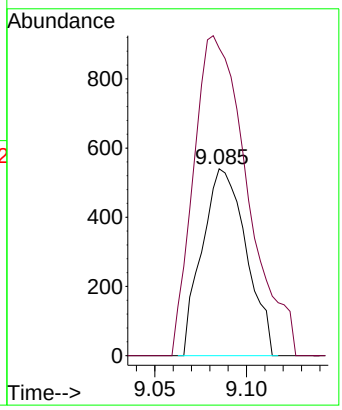


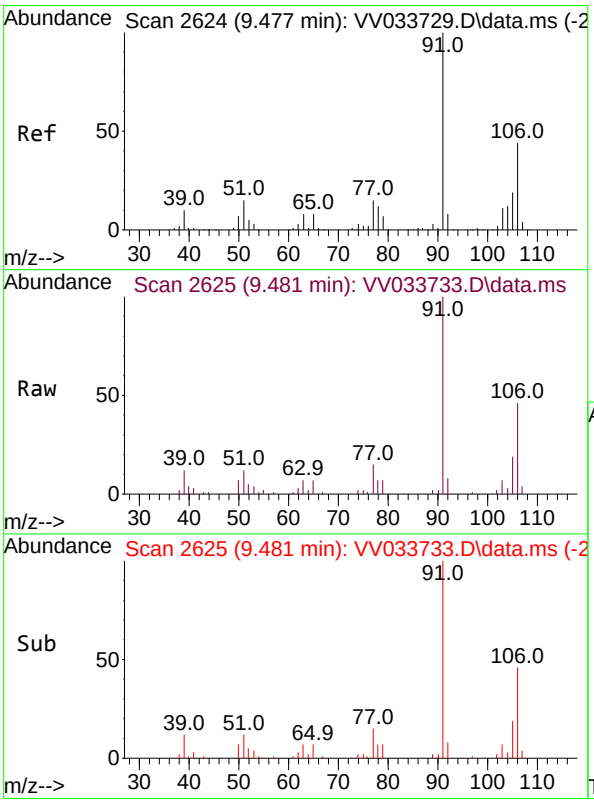
#53
m,p-Xylene
Concen: 0.057 ug/L
RT: 9.085 min Scan# 2
Delta R.T. 0.013 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 902

Ion	Ratio	Lower	Upper
106	100		
91	164.6	146.2	271.4

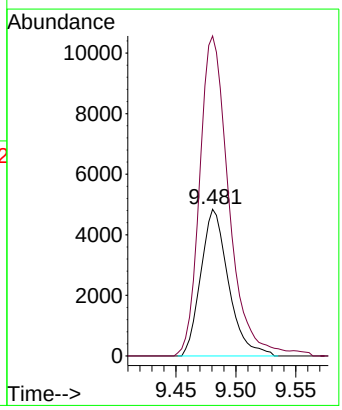


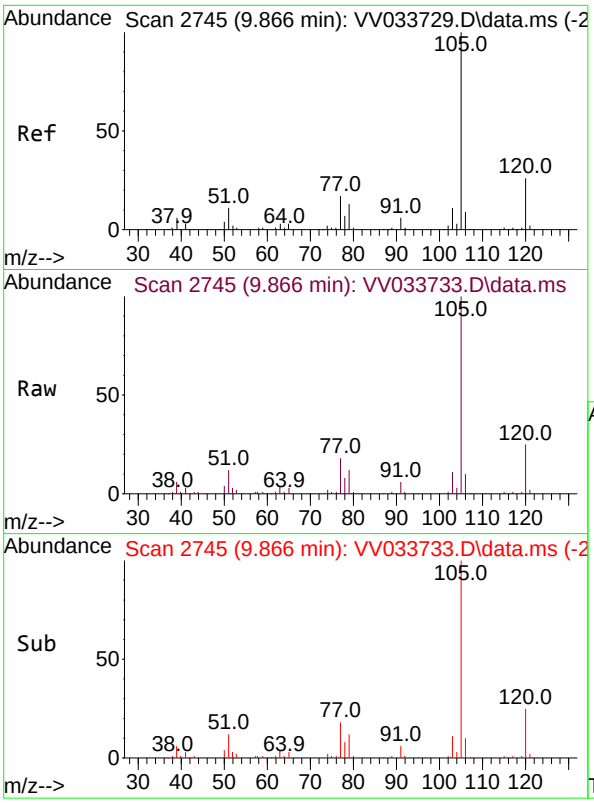


#54
o-Xylene
Concen: 0.509 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

Tgt Ion:106 Resp: 7792

Ion	Ratio	Lower	Upper
106	100		
91	218.1	156.0	289.6



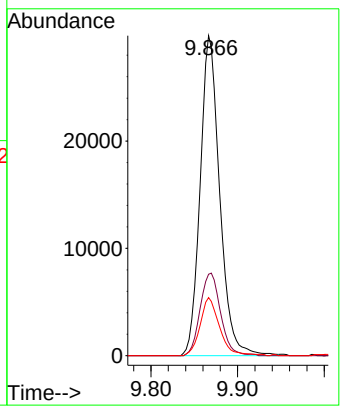


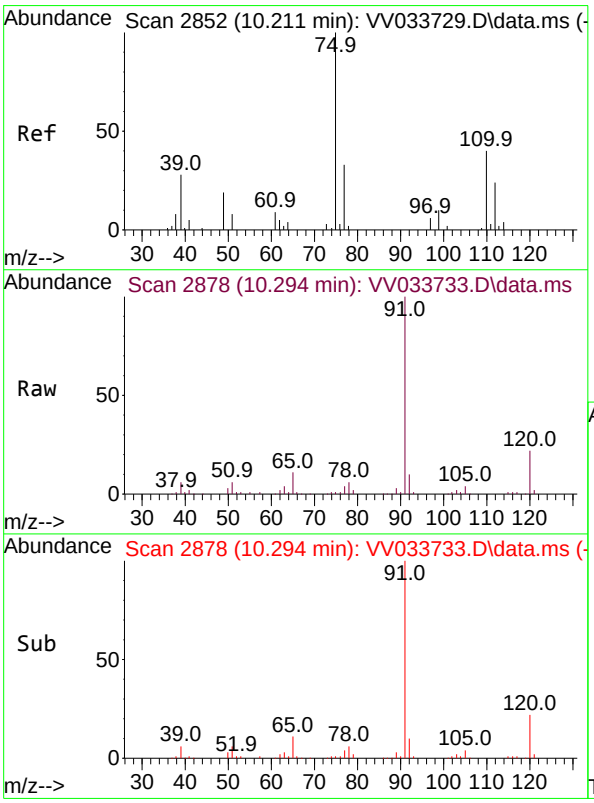
#60
Isopropylbenzene
Concen: 1.189 ug/L
RT: 9.866 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 46765

Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.0	31.6
77	18.0	13.4	20.0

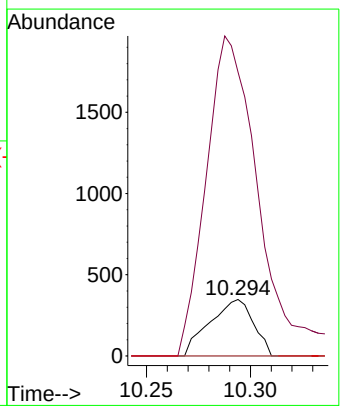


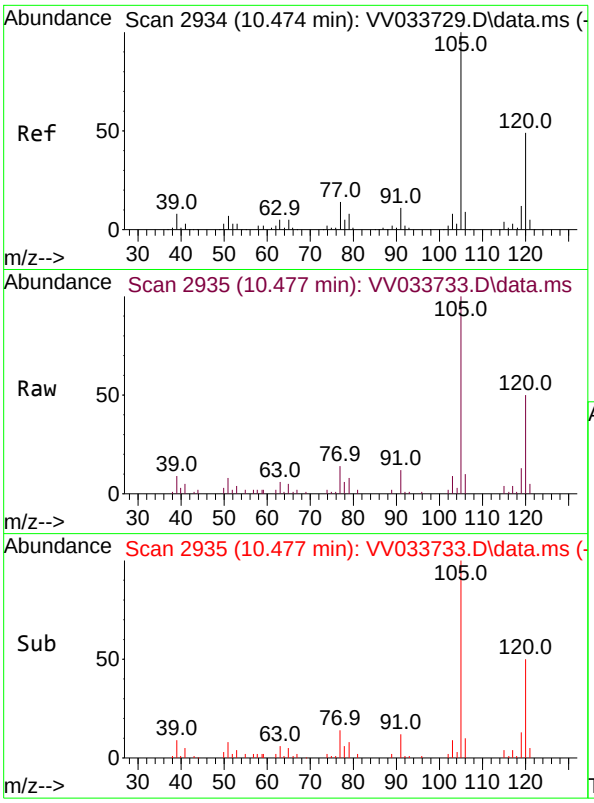


#61
1,2,3-Trichloropropane
Concen: 0.128 ug/L
RT: 10.294 min Scan# 2878
Delta R.T. 0.084 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

Tgt Ion: 75 Resp: 509

Ion	Ratio	Lower	Upper
75	100		
77	691.7	24.7	37.1#
110	0.0	28.0	42.0#



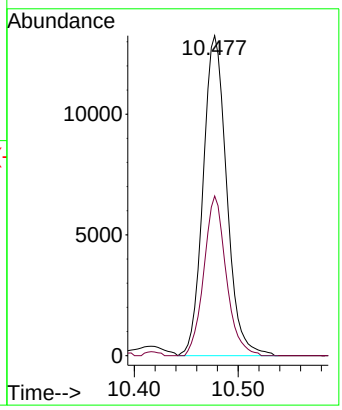


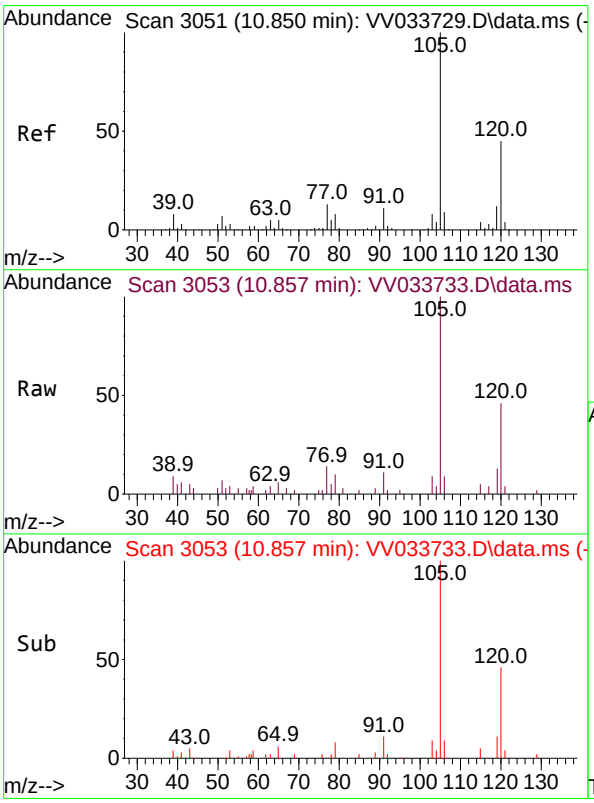
#62
1,3,5-Trimethylbenzene
Concen: 0.614 ug/L
RT: 10.477 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 20871

Ion	Ratio	Lower	Upper
105	100		
120	47.1	38.3	57.5

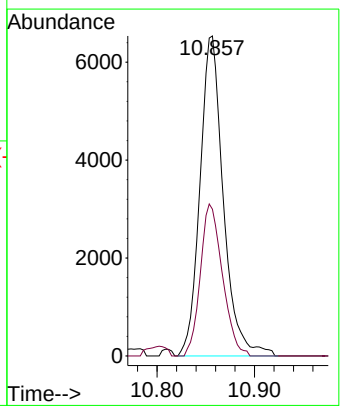


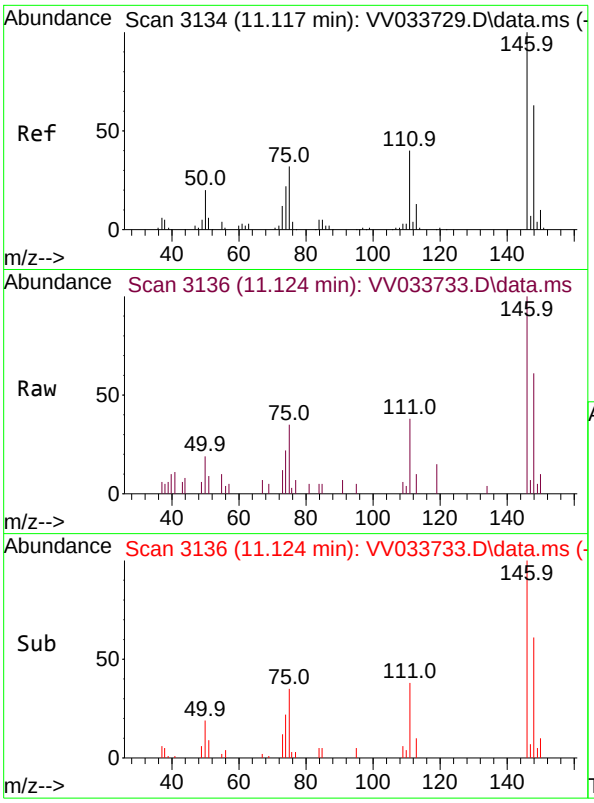


#63
1,2,4-Trimethylbenzene
Concen: 0.318 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.006 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

Tgt Ion:105 Resp: 10903

Ion	Ratio	Lower	Upper
105	100		
120	44.8	35.5	53.3



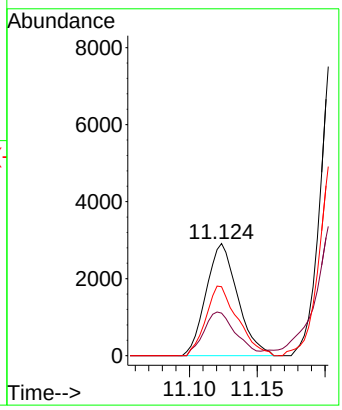


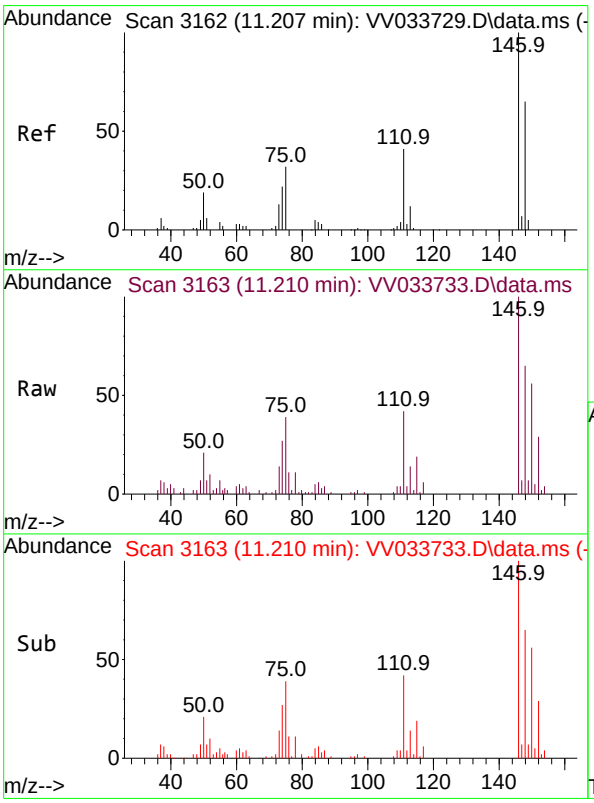
#64
1,3-Dichlorobenzene
Concen: 0.271 ug/L
RT: 11.124 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 4716

Ion	Ratio	Lower	Upper
146	100		
111	37.9	29.2	54.2
148	61.5	44.1	81.9

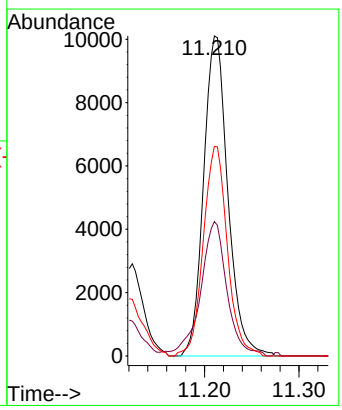


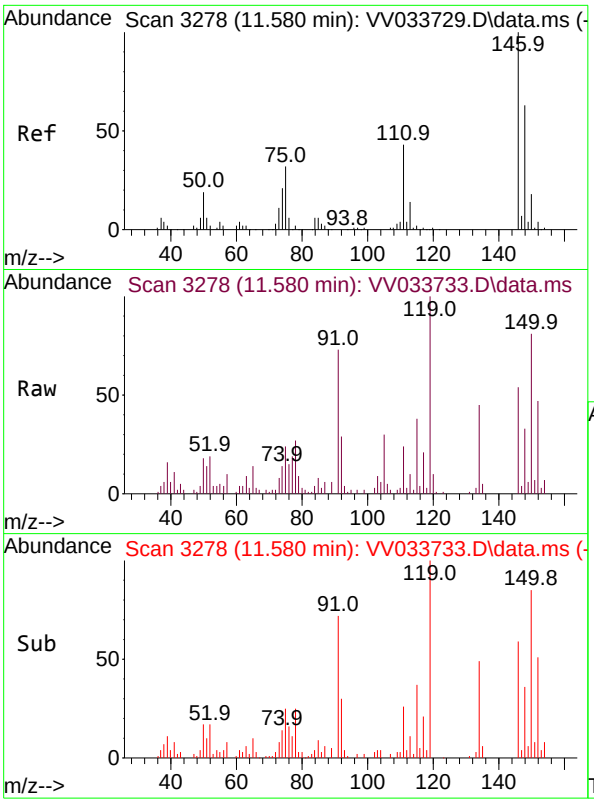


#65
1,4-Dichlorobenzene
Concen: 1.059 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

Tgt Ion:146 Resp: 18051

Ion	Ratio	Lower	Upper
146	100		
111	42.0	27.5	51.1
148	65.5	43.3	80.5



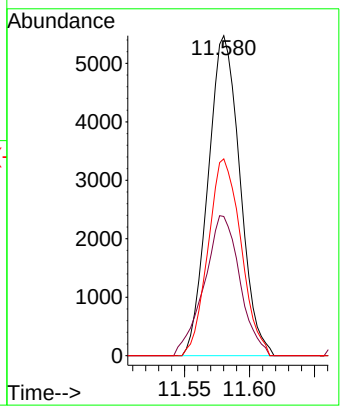


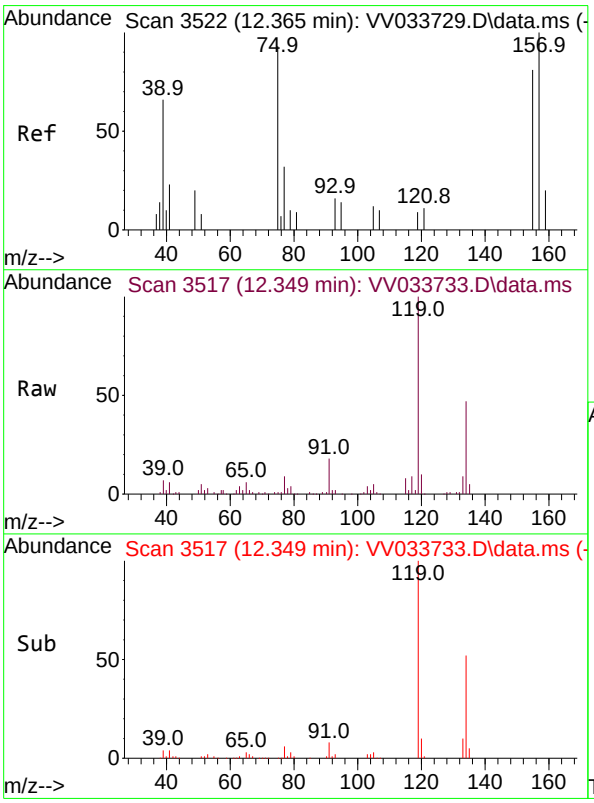
#67
1,2-Dichlorobenzene
Concen: 0.618 ug/L
RT: 11.580 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 9349

Ion	Ratio	Lower	Upper
146	100		
111	43.5	36.1	54.1
148	61.5	52.2	78.2





#68
1,2-Dibromo-3-chloropropane
Concen: 0.611 ug/L
RT: 12.349 min Scan# 3517
Delta R.T. -0.016 min
Lab File: VV033733.D
Acq: 18 Jan 2024 12:08

Tgt Ion: 75 Resp: 535

Ion	Ratio	Lower	Upper
75	100		
155	0.0	65.3	97.9#
157	0.0	75.4	113.0#