

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031725\
 Data File : VV038721.D
 Acq On : 17 Mar 2025 17:29
 Operator : SY/MD
 Sample : Q1546-05
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 18 08:11:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 17 15:08:07 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	369471	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	384703	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	167570	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	175217	47.10	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	94.20%	
7) Chloroethane-d5	1.529	69	149315	47.89	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	95.78%	
11) 1,1-Dichloroethene-d2	2.053	65	77691	46.58	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	93.16%	
21) 2-Butanone-d5	3.789	46	117903	87.99	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	87.99%	
24) Chloroform-d	4.239	84	316690	47.10	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.20%	
26) 1,2-Dichloroethane-d4	4.934	65	197167	50.40	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.80%	
32) Benzene-d6	4.950	84	616685	50.63	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.26%	
36) 1,2-Dichloropropane-d6	5.979	67	207350	52.71	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	105.42%	
41) Toluene-d8	7.236	98	514941	48.66	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	97.32%	
43) trans-1,3-Dichloroprop...	7.548	79	76955	47.48	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	94.96%	
47) 2-Hexanone-d5	8.021	63	71025	87.29	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	112.56%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	232404			
Spiked Amount	50.000	Range 65 - 120	Recovery	=	112.56%	
66) 1,2-Dichlorobenzene-d4	11.551	152	179999			
Spiked Amount	50.000	Range 80 - 120	Recovery	=	112.56%	
Target Compounds						
2) Dichlorodifluoromethane	1.108	85	5728			
3) Chloromethane	1.217	50	8876	2.38	ug/L	94
5) Vinyl chloride	1.281	62	8829	2.28	ug/L #	1
6) Bromomethane	1.484	94	4775	2.35	ug/L	85
8) Chloroethane	1.548	64	5773	2.34	ug/L	96
9) Trichlorofluoromethane	1.712	101	10927	2.22	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	8853	3.00	ug/L #	77
12) 1,1-Dichloroethene	2.063	96	7940	2.86	ug/L #	1
13) Acetone	2.114	43	5655	4.29	ug/L	100
14) Carbon disulfide	2.236	76	20089	2.33	ug/L	99
15) Methyl Acetate	2.387	43	5250m	1.99	ug/L	
17) trans-1,2-Dichloroethene	2.696	96	6384	2.19	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	16491	2.01	ug/L	97
19) 1,1-Dichloroethane	3.111	63	13548	2.21	ug/L	96
20) cis-1,2-Dichloroethene	3.815	96	6610	2.07	ug/L	85
22) 2-Butanone	3.966	43	8986m	5.80	ug/L	
23) Bromochloromethane	4.159	128	3485	2.03	ug/L #	84
27) 1,2-Dichloroethane	5.056	62	9550m	2.16	ug/L	
29) Cyclohexane	4.571	56	9064	1.91	ug/L #	84

Reviewed by: [Signature] 03/18/2025
 Released by: John C. [Signature] 03/18/2025

APPROVED
 Manual Integrations

MDT-WED-2011-011-5052-01
 Client Sample ID:
 MS/MS
 Instrument:

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 Quant Title : VOC Analysis
 QLast Update : Mon Mar 17 15:08:07 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	4.510	97	11125	2.26	ug/L	92
31) Carbon tetrachloride	4.728	117	9116	2.15	ug/L	99
33) Benzene	5.008	78	25674	2.10	ug/L	100
34) Trichloroethene	5.844	95	7449m	2.37	ug/L	
35) Methylcyclohexane	6.043	83	9306	2.02	ug/L #	78
37) 1,2-Dichloropropane	6.095	63	6373	1.87	ug/L #	96
38) Bromodichloromethane	6.435	83	9644	2.15	ug/L	98
39) cis-1,3-Dichloropropene	6.969	75	11867m	2.44	ug/L	
40) 4-Methyl-2-pentanone	7.169	43	7544	2.50	ug/L #	87
42) Toluene	7.320	91	26894	2.16	ug/L	95
44) trans-1,3-Dichloropropene	7.587	75	9090	1.97	ug/L	94
45) 1,1,2-Trichloroethane	7.779	97	7580m	2.36	ug/L	
46) Tetrachloroethene	7.905	164	4926	2.21	ug/L	84
48) 2-Hexanone	8.085	43	18683m	8.92	ug/L	
49) Dibromochloromethane	8.175	129	7092	2.21	ug/L	98
50) 1,2-Dibromoethane	8.284	107	7095	2.27	ug/L #	94
51) Chlorobenzene	8.815	112	18993	2.23	ug/L	98
52) Ethylbenzene	8.947	91	24730	1.80	ug/L	99
53) m,p-Xylene	9.075	106	8411	1.68	ug/L	83
54) o-Xylene	9.477	106	8263	1.70	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.172	83	11480	2.40	ug/L #	95
59) Bromoform	9.670	173	3469	2.23	ug/L #	94
60) Isopropylbenzene	9.863	105	20919	1.98	ug/L #	96
61) 1,2,3-Trichloropropane	10.207	75	7474	2.67	ug/L	91
62) 1,3,5-Trimethylbenzene	10.474	105	16361	2.00	ug/L	97
63) 1,2,4-Trimethylbenzene	10.850	105	14946	1.80	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	11960	2.34	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	13709			
67) 1,2-Dichlorobenzene	11.570	146	14402			
68) 1,2-Dibromo-3-chloropr...	12.365	75	1617			
69) 1,3,5-Trichlorobenzene	12.580	180	8050			
70) 1,2,4-trichlorobenzene	13.200	180	5322	1.99	ug/L #	94
71) Naphthalene	13.445	128	12517			
72) 1,2,3-Trichlorobenzene	13.683	180	5482			

Reviewed by: [Signature] Date: 03/18/2025
 Reviewed by: [Signature] Date: 03/18/2025

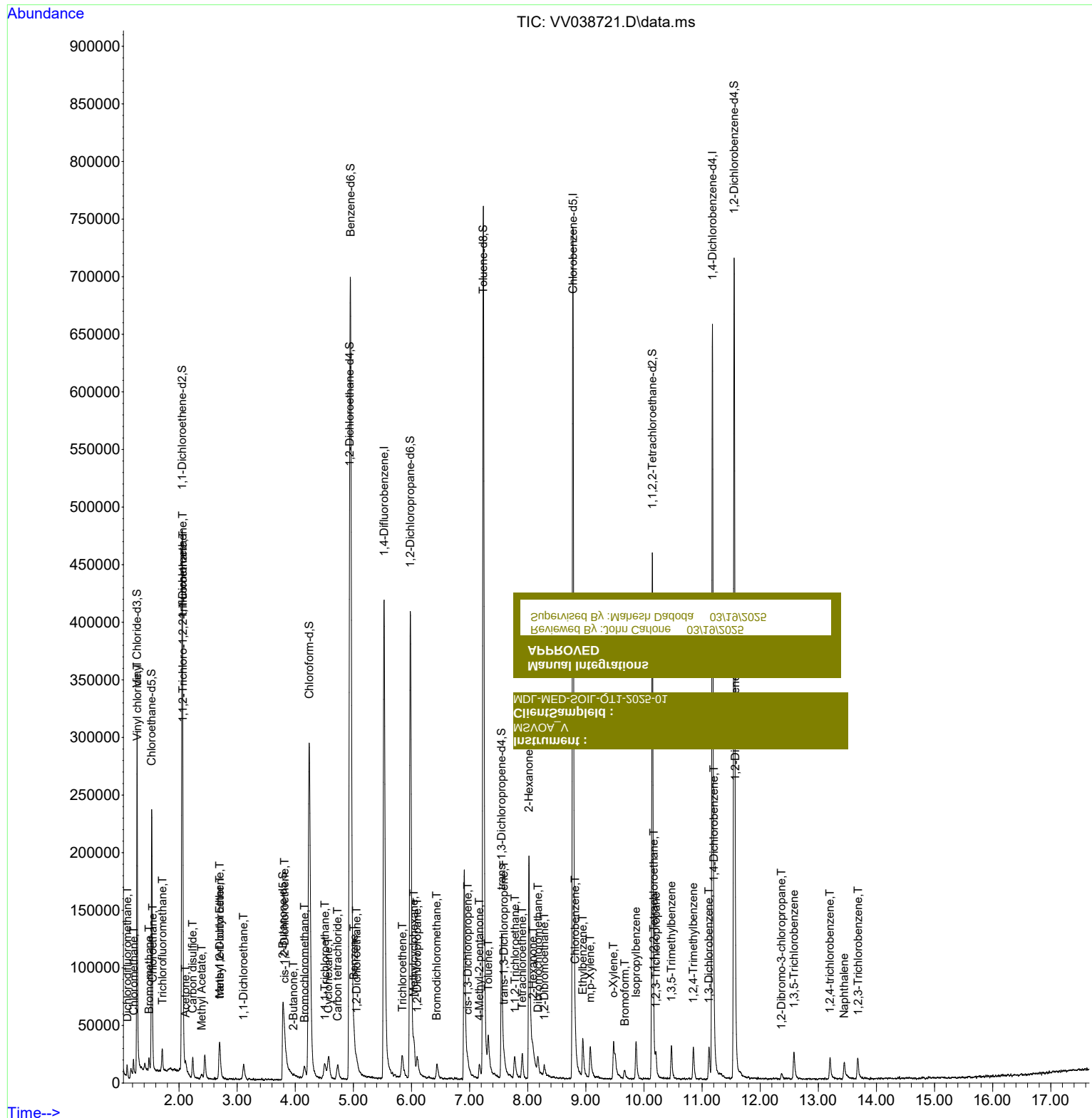
APPROVED
 Manual integrations

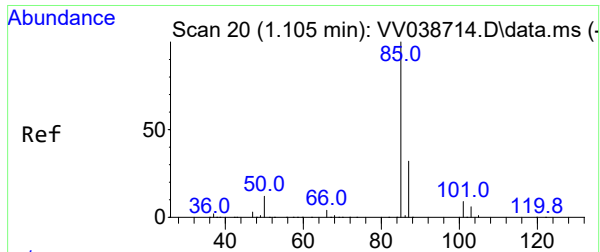
MDT-WED-2011-011-2025-01
 Client Sample ID :
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 Instrument :

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

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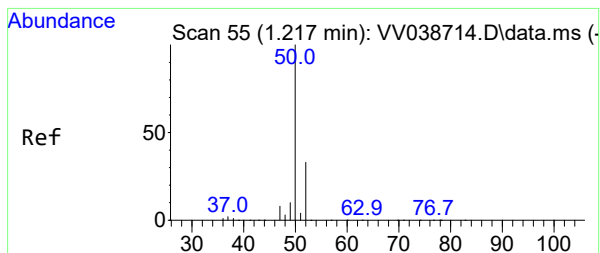
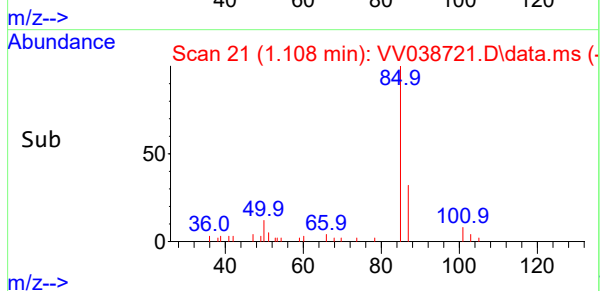
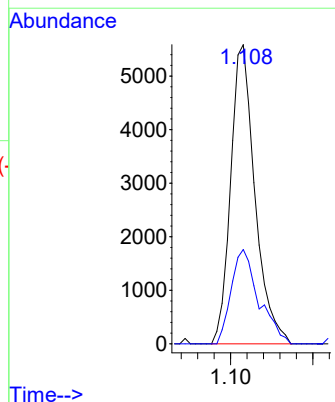
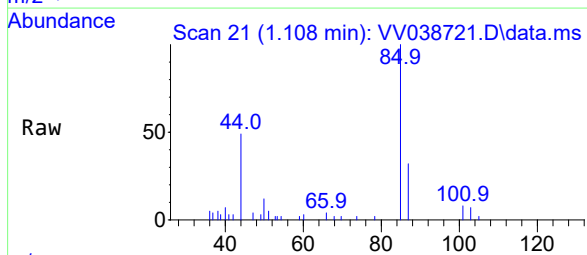
Quant Time: Mar 18 08:11:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 17 15:08:07 2025
Response via : Initial Calibration





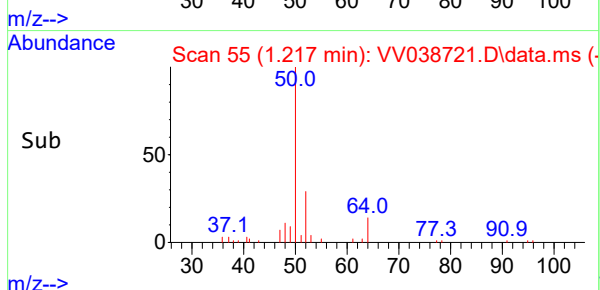
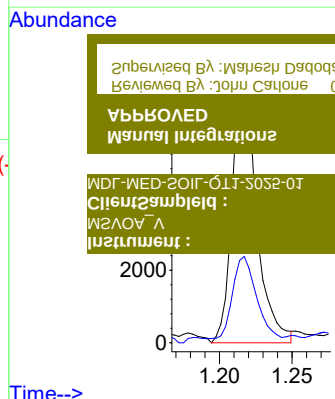
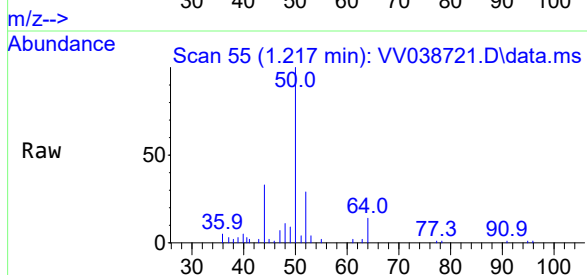
#2
Dichlorodifluoromethane
Concen: 1.99 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion: 85 Resp: 5728
Ion Ratio Lower Upper
85 100
87 35.9 25.8 38.6

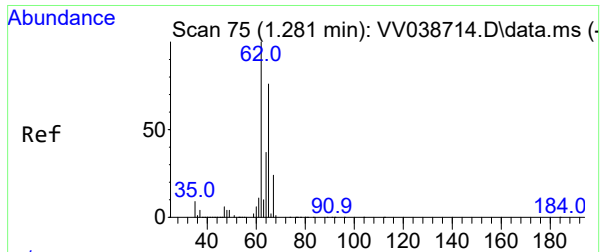


#3
Chloromethane
Concen: 2.38 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion: 50 Resp: 8876
Ion Ratio Lower Upper
50 100
52 28.9 22.7 42.3

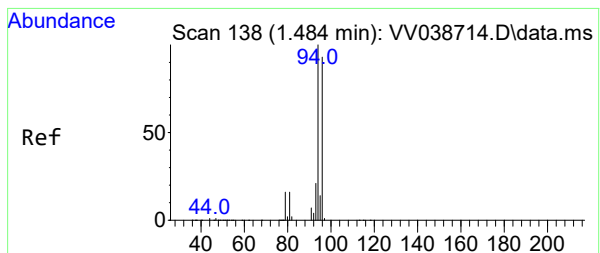
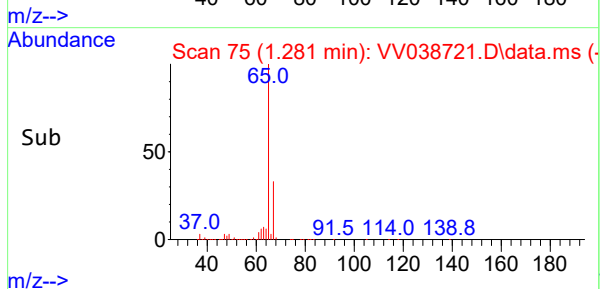
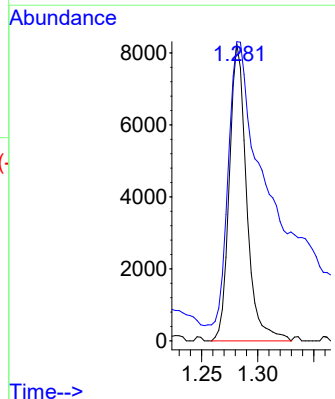
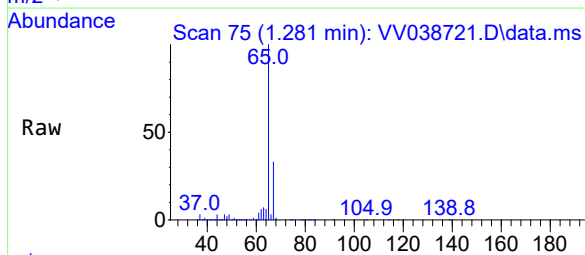


Supervised By : Manish Deshpande 03/18/2025
Reviewed By : John Collins 03/18/2025
APPROVED
Manual Integrations
MDT-WED-2017-01T-2025-01
Client Sampled :
MS/MS
Instrument :



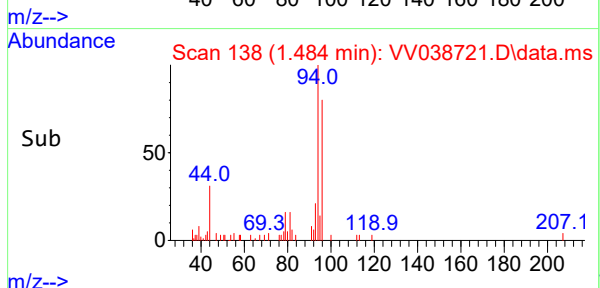
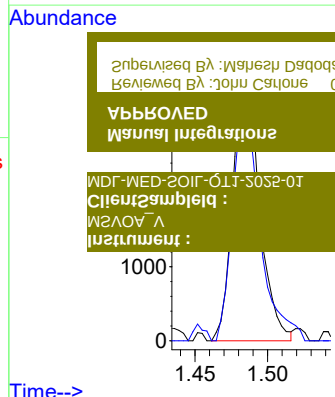
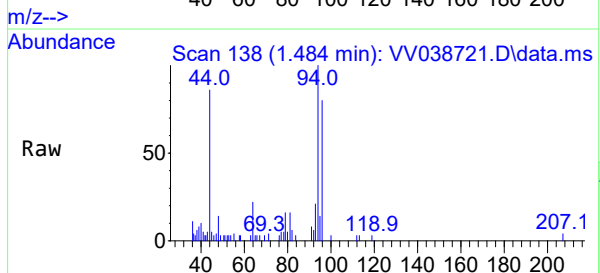
#5
 Vinyl chloride
 Concen: 2.28 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV038721.D
 Acq: 17 Mar 2025 17:29

Tgt Ion: 62 Resp: 8829
 Ion Ratio Lower Upper
 62 100
 64 100.8 22.8 42.4#



#6
 Bromomethane
 Concen: 2.35 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV038721.D
 Acq: 17 Mar 2025 17:29

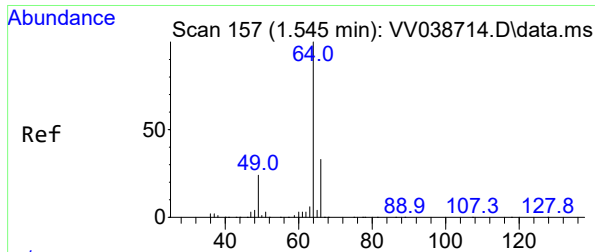
Tgt Ion: 94 Resp: 4775
 Ion Ratio Lower Upper
 94 100
 96 79.7 66.1 122.8



Subscribed By: Mafresh Dabodra 03/18/2025
 Reviewed By: John C. Hogue 03/18/2025

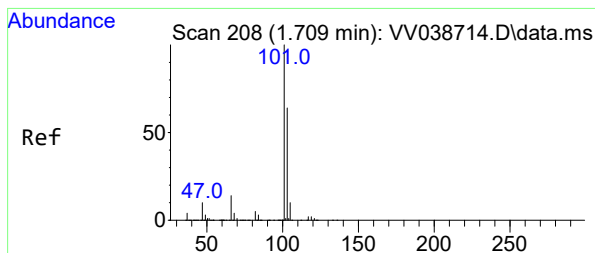
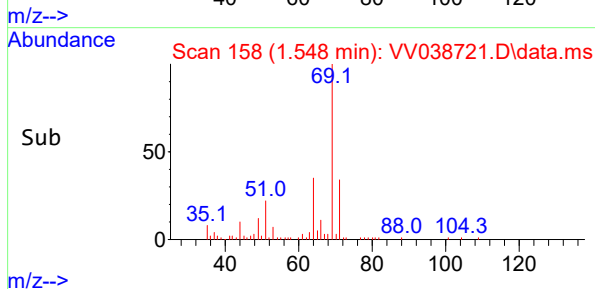
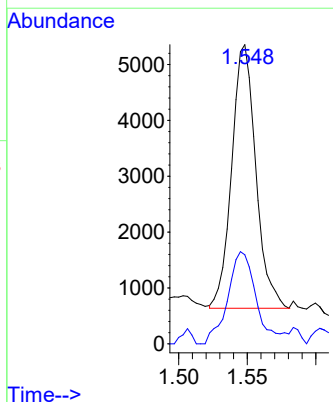
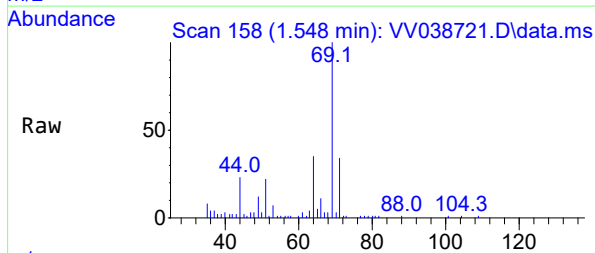
APPROVED
 Manual Integrations

MDT-WED-2011-011-2025-01
 Client Sample ID:
 MS/MS
 Instrument:



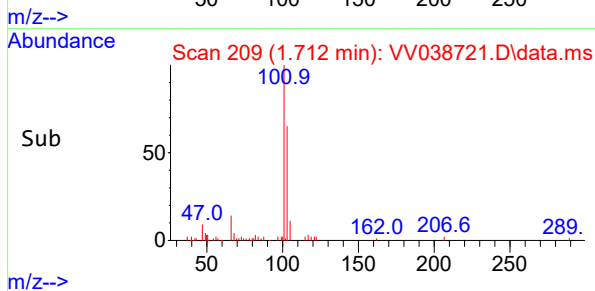
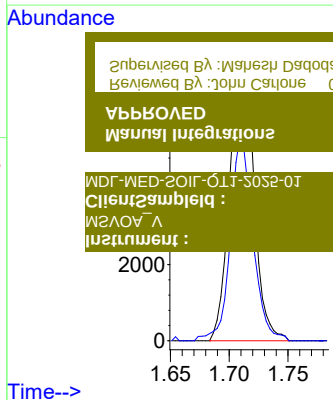
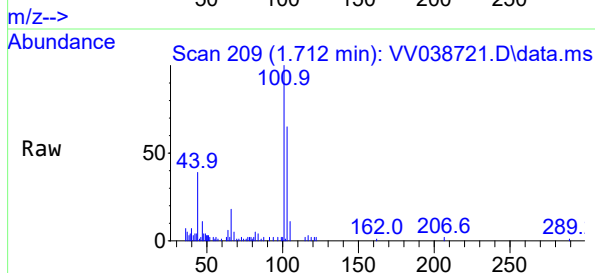
#8
Chloroethane
Concen: 2.34 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.003 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion: 64 Resp: 5773
Ion Ratio Lower Upper
64 100
66 29.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 2.22 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.003 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

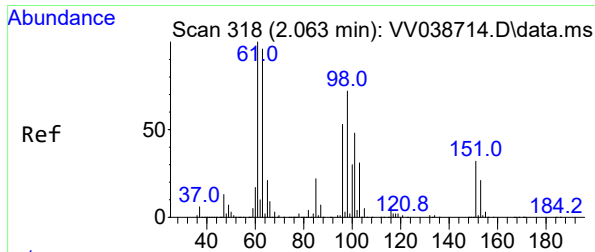
Tgt Ion: 101 Resp: 10927
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5



Supervised By: Mafresh Dabodra 03/18/2025
Reviewed By: John C. Hogue 03/18/2025

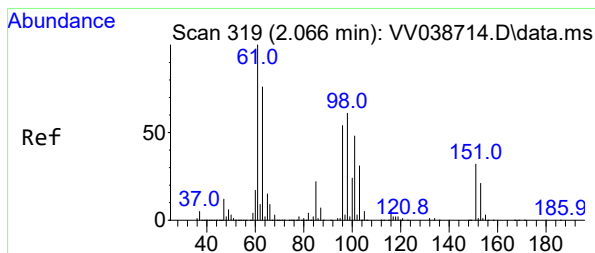
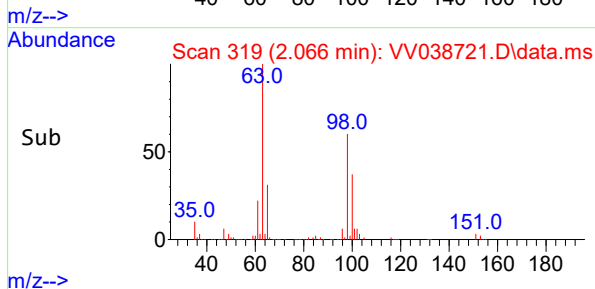
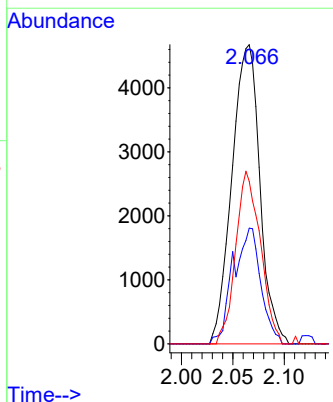
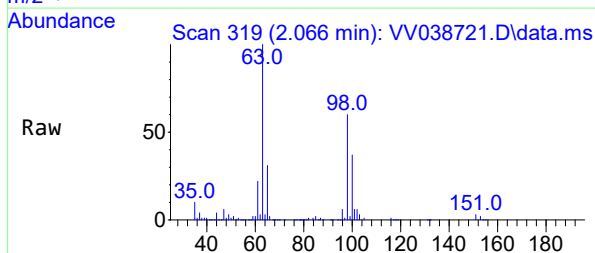
APPROVED
Manual Integrations

MDT-WED-2011-011-2025-01
Client Sample ID:
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Instrument:



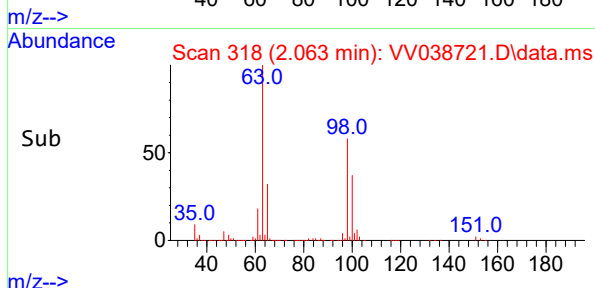
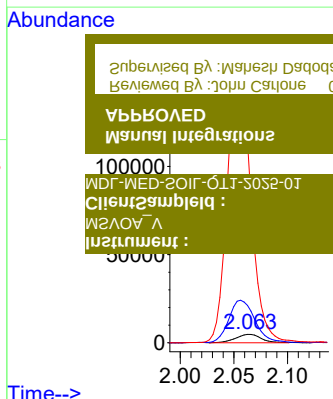
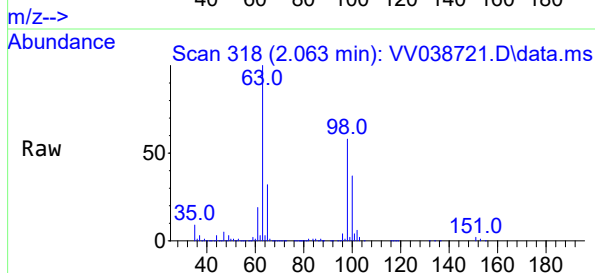
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.00 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion: 101 Resp: 8853
Ion Ratio Lower Upper
101 100
85 27.9 34.7 52.1#
151 51.0 55.3 82.9#



#12
1,1-Dichloroethene
Concen: 2.86 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

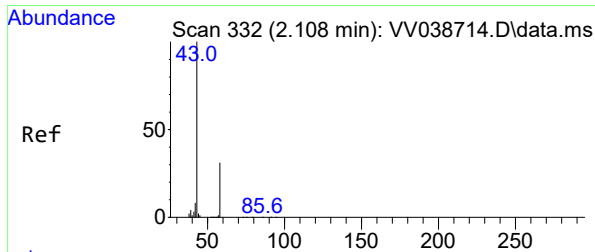
Tgt Ion: 96 Resp: 7940
Ion Ratio Lower Upper
96 100
61 444.6 120.9 224.5#
63 2394.1 110.9 205.9#



Substrate: 1,1,2-Trichloro-1,2,2-trifluoroethane
Reference: 1,1-Dichloroethene

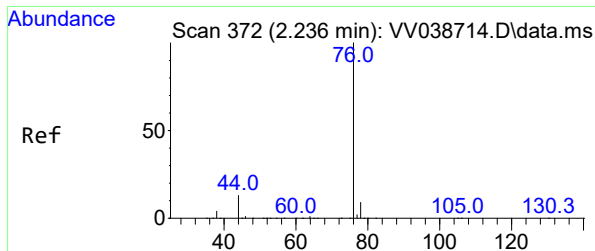
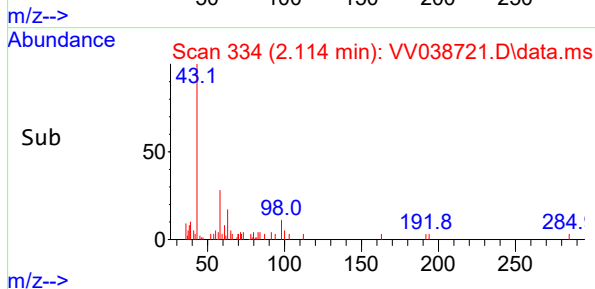
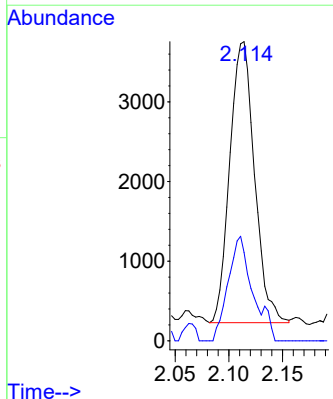
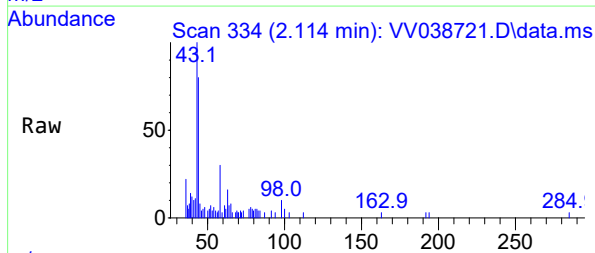
APPROVED
Manual integrations

100000
WDT-WED-2011-011-2025-01
Client: Sample
MS/MS
Instrument:
300000



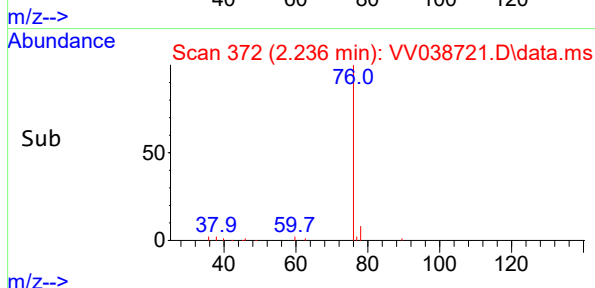
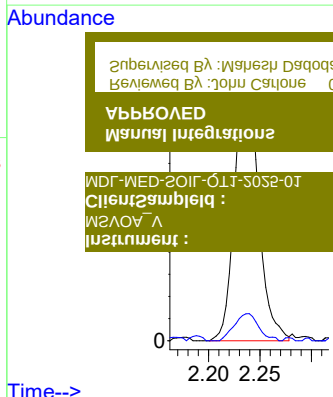
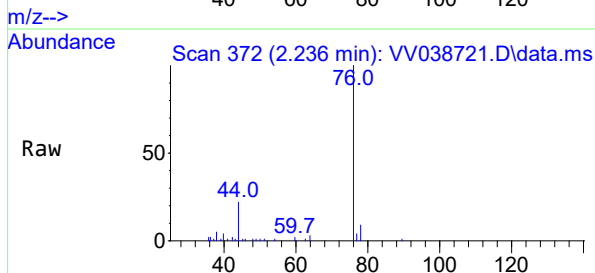
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Acetone
Concen: 4.29 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.006 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion: 43 Resp: 5655
Ion Ratio Lower Upper
43 100
58 33.7 0.0 67.2



#14
Carbon disulfide
Concen: 2.33 ug/L
RT: 2.236 min Scan# 372
Delta R.T. -0.000 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

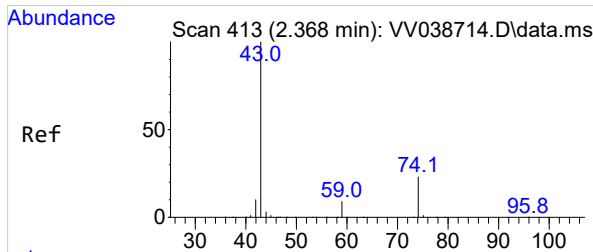
Tgt Ion: 76 Resp: 20089
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



Submitted by: Marybeth DeBord 03/18/2025
Reviewed by: John C. Hogue 03/18/2025

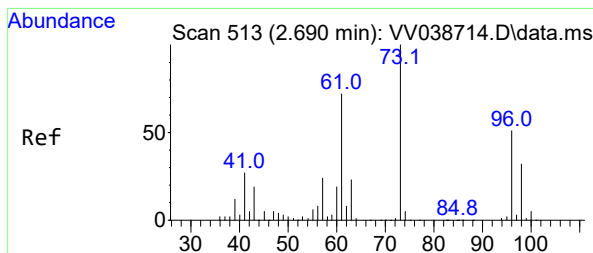
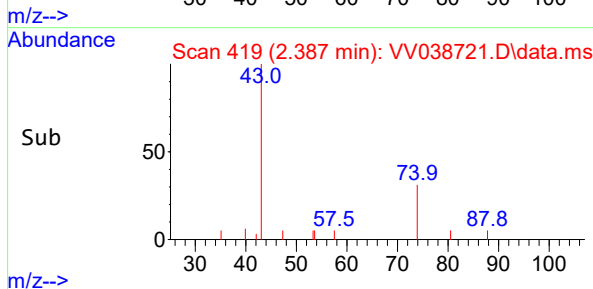
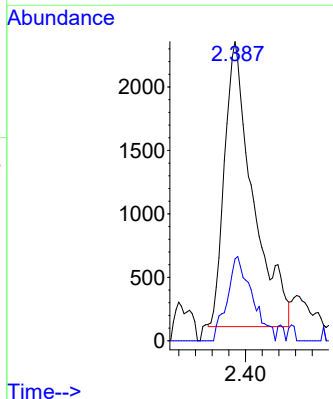
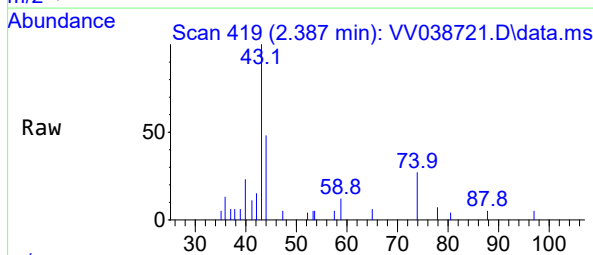
APPROVED
Manual Integrations

MDT-WED-2011-01T-2025-01
Client Sample ID:
MS/MS
Instrument:



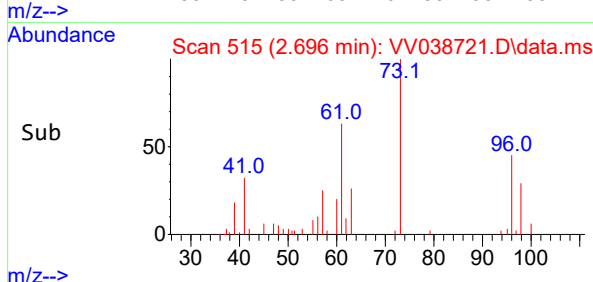
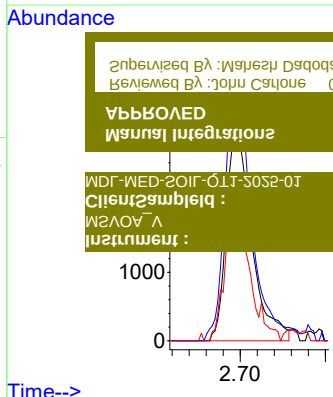
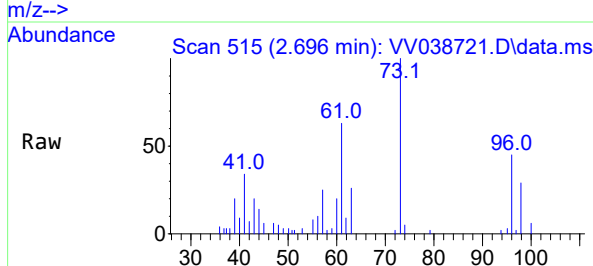
#15
Methyl Acetate
Concen: 1.99 ug/L m
RT: 2.387 min Scan# 419
Delta R.T. 0.019 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion: 43 Resp: 5250
Ion Ratio Lower Upper
43 100
74 25.1 20.6 31.0



#17
trans-1,2-Dichloroethene
Concen: 2.19 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.006 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

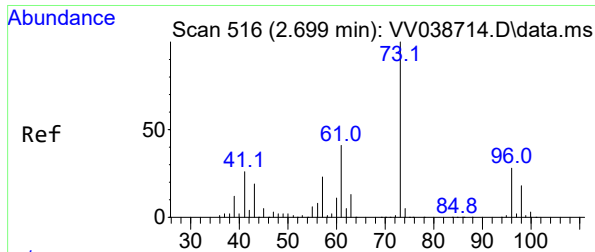
Tgt Ion: 96 Resp: 6384
Ion Ratio Lower Upper
96 100
61 139.3 95.7 177.7
98 64.1 46.4 86.2



Submitted by: Mafresh Daboda 03/18/2025
Reviewed by: John C. Jones 03/18/2025

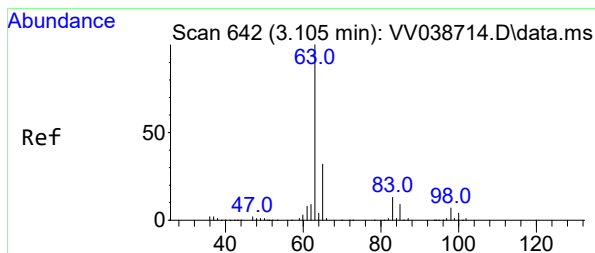
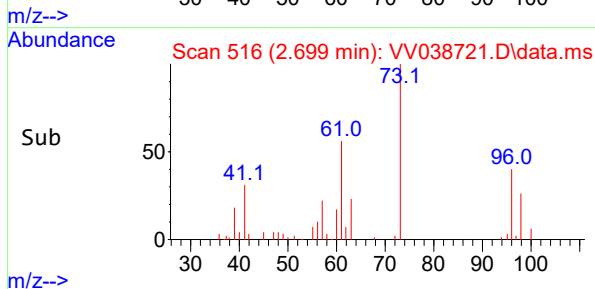
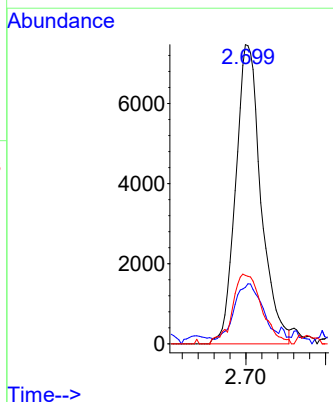
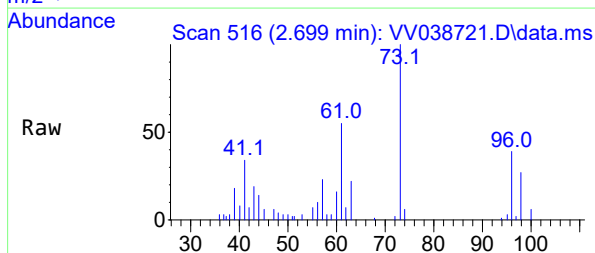
APPROVED
Manual Integrations

MDT-WED-2011-01T-2025-01
Client Sample ID:
MS/MS
Instrument:



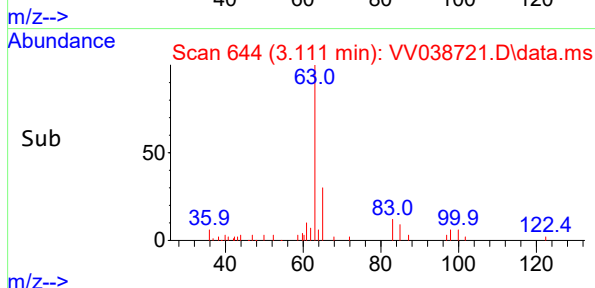
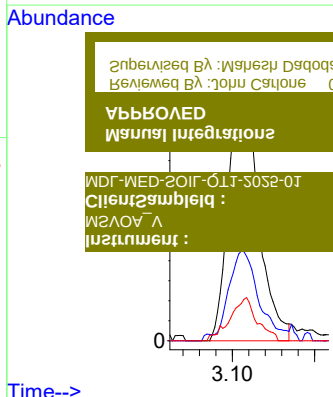
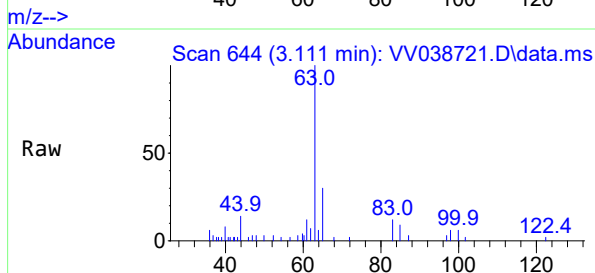
#18
Methyl tert-butyl Ether
Concen: 2.01 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion:	73	Resp:	16491
Ion	Ratio	Lower	Upper
73	100		
43	20.1	14.7	22.1
57	23.2	17.7	26.5



#19
1,1-Dichloroethane
Concen: 2.21 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.006 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

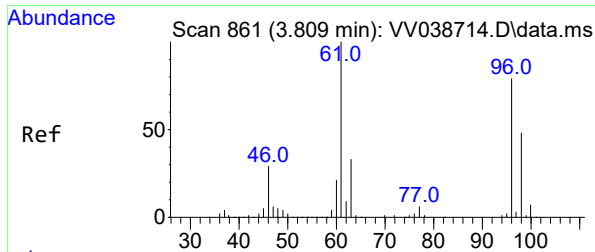
Tgt Ion:	63	Resp:	13548
Ion	Ratio	Lower	Upper
63	100		
65	30.0	22.6	42.0
83	12.5	9.8	18.2



Submitted by: Magesh Dabodu 03/18/2025
Reviewed by: John C. Hogue 03/18/2025

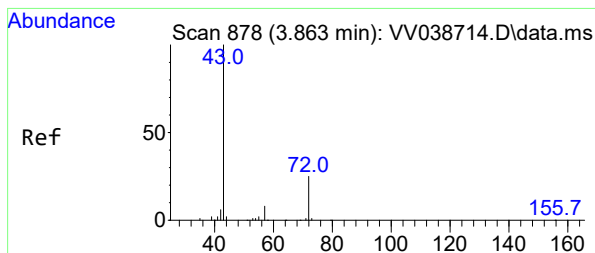
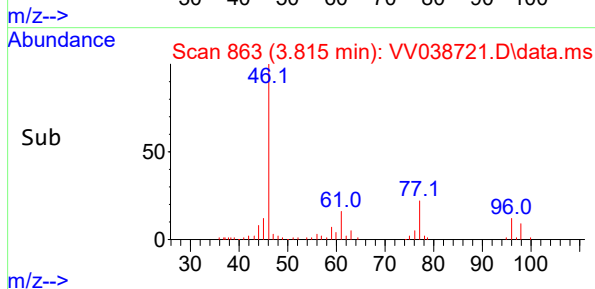
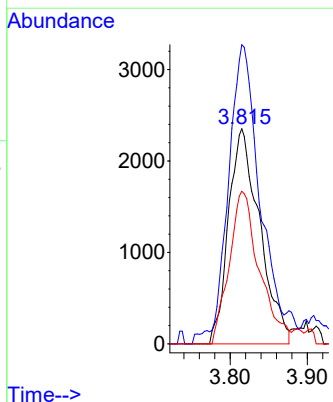
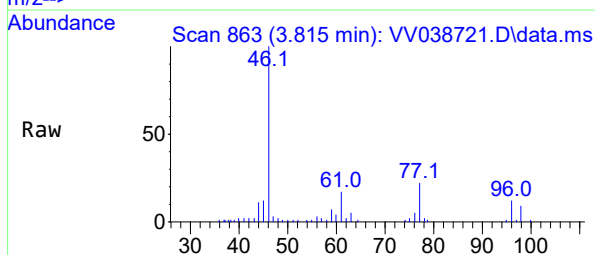
APPROVED
Manual Integrations

MDT-WED-2011-011-2025-01
Client Sample ID:
MS/MS
Instrument:



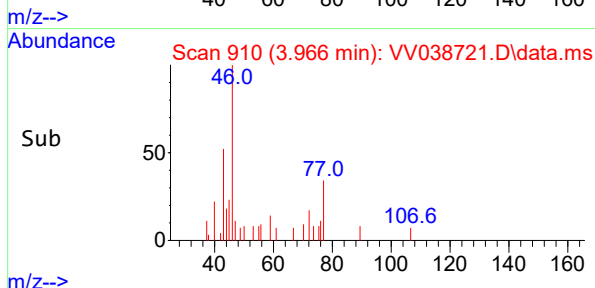
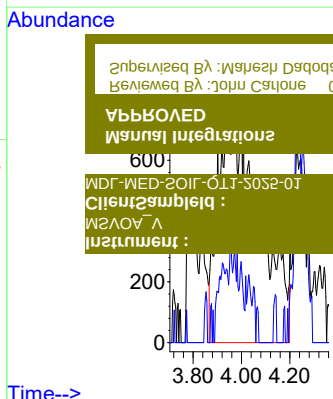
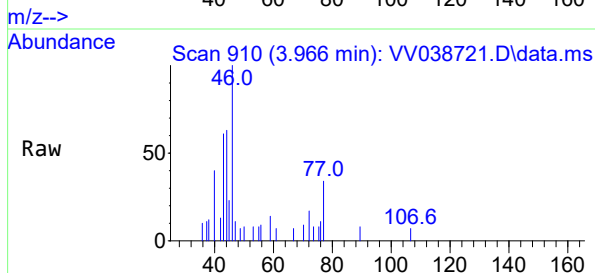
#20
cis-1,2-Dichloroethene
Concen: 2.07 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.006 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion: 96 Resp: 6610
Ion Ratio Lower Upper
96 100
61 139.1 83.5 155.1
98 70.9 44.6 82.8



#22
2-Butanone
Concen: 5.80 ug/L m
RT: 3.966 min Scan# 910
Delta R.T. 0.103 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

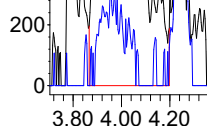
Tgt Ion: 43 Resp: 8986
Ion Ratio Lower Upper
43 100
72 0.2 12.5 37.5#

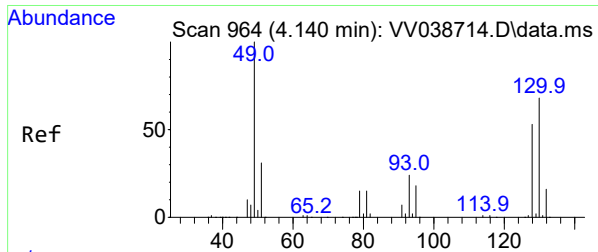


Submitted by: [REDACTED] 03/18/2025
Reviewed by: [REDACTED] 03/18/2025

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Manual Integrations

600
MDT-WED-2011-01T-2025-01
Client Sample ID:
MS/MS
Instrument:

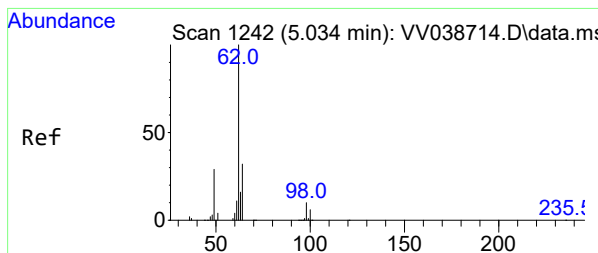
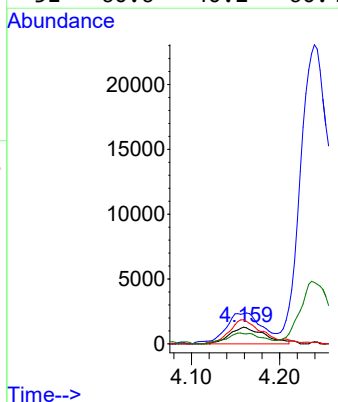
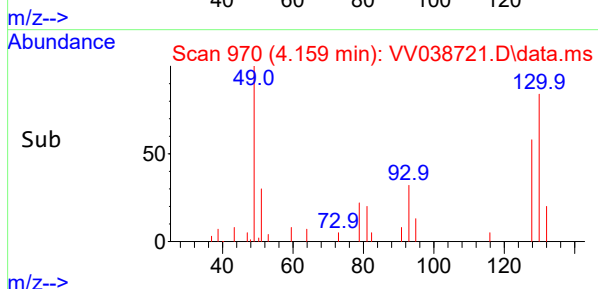
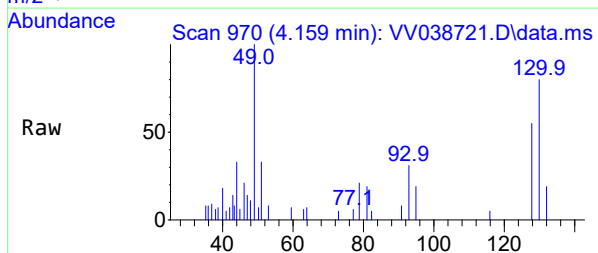




#23
Bromochloromethane
Concen: 2.03 ug/L
RT: 4.159 min Scan# 970
Delta R.T. 0.019 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion: 128 Resp: 3485

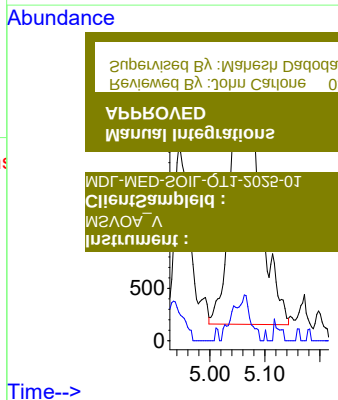
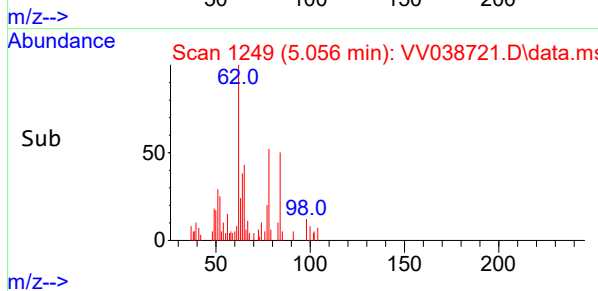
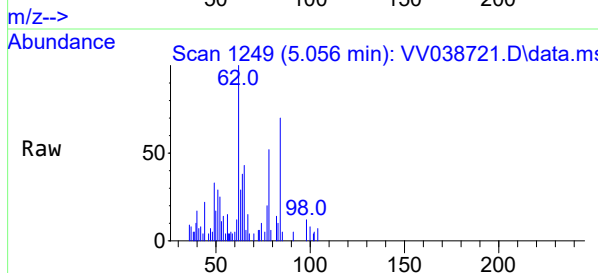
Ion	Ratio	Lower	Upper
128	100		
49	181.0	106.7	198.3
130	144.4	93.2	173.2
51	60.6	40.2	60.4#



#27
1,2-Dichloroethane
Concen: 2.16 ug/L m
RT: 5.056 min Scan# 1249
Delta R.T. 0.022 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion: 62 Resp: 9550

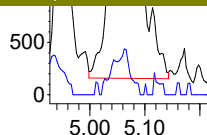
Ion	Ratio	Lower	Upper
62	100		
98	12.0	7.5	11.3#

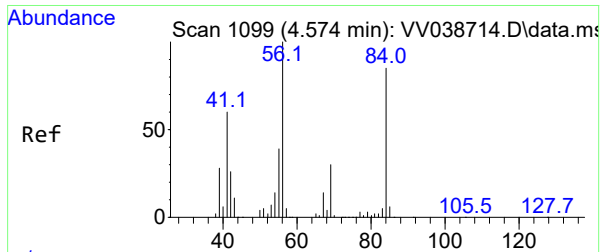


Subscribed By: Marybeth DeBodra 03/18/2025
Reviewed By: John C. Hogue 03/18/2025

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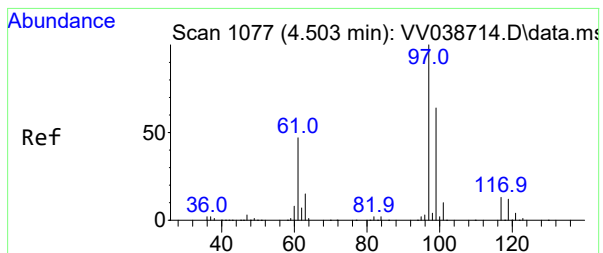
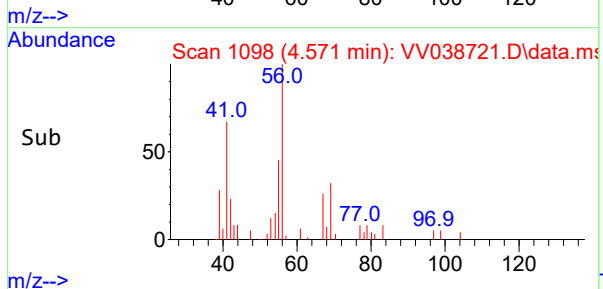
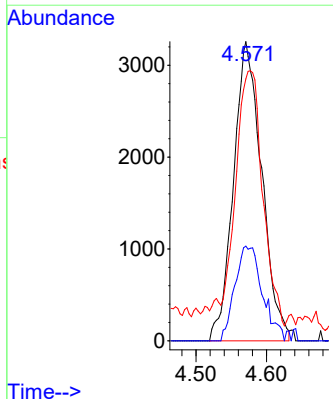
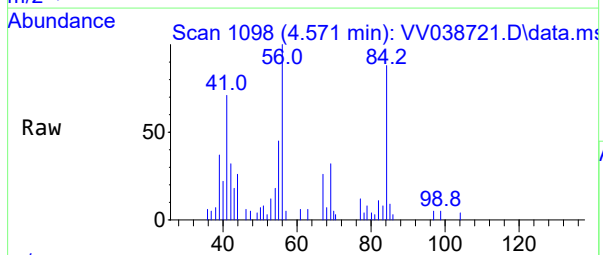
MDT-WED-2017-01T-2025-01
Client Sample ID:
MS/MS
Instrument:





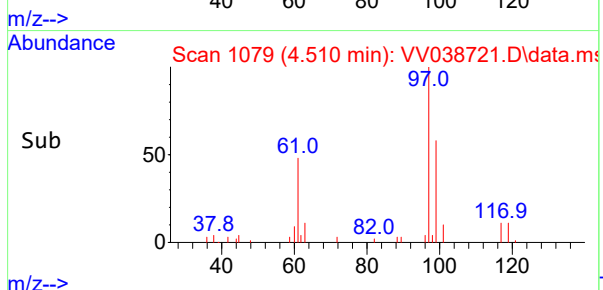
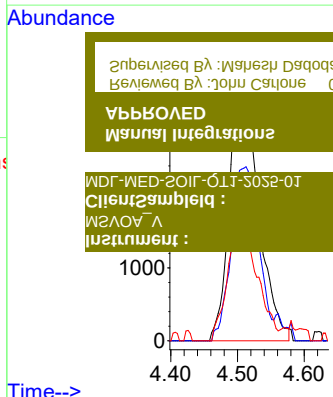
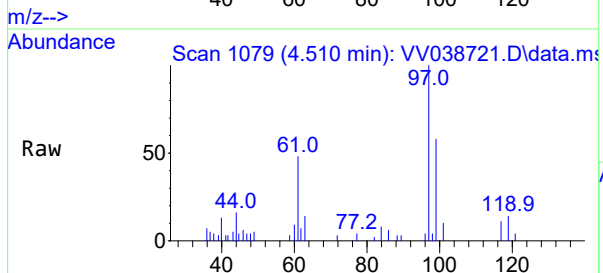
#29
Cyclohexane
Concen: 1.91 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.003 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion: 56 Resp: 9064
Ion Ratio Lower Upper
56 100
69 15.5 24.8 37.2#
84 81.1 73.7 110.5



#30
1,1,1-Trichloroethane
Concen: 2.26 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

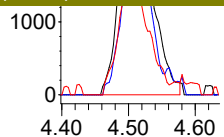
Tgt Ion: 97 Resp: 11125
Ion Ratio Lower Upper
97 100
99 60.6 52.3 78.5
61 48.4 33.6 50.4

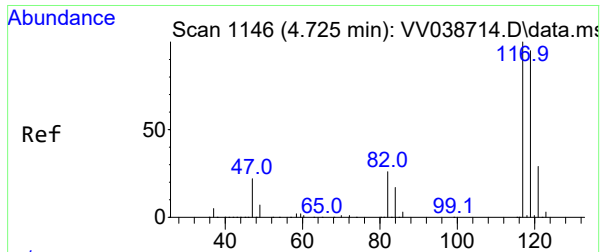


Submitted by: Magesh Dabodu 03/18/2025
Reviewed by: John Catione 03/18/2025

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Manual Integrations

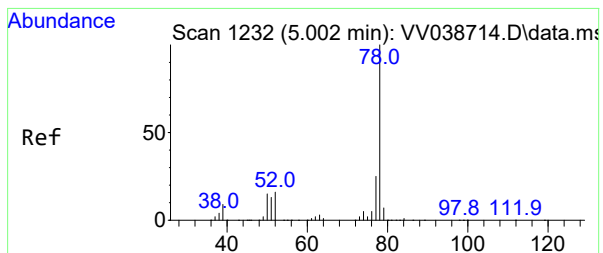
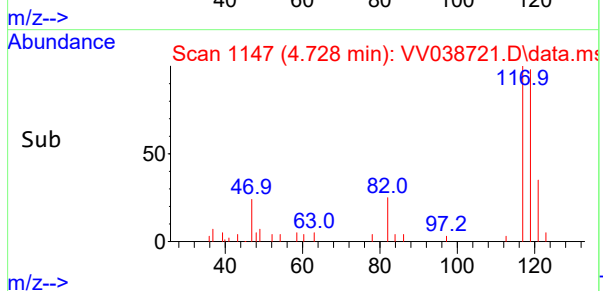
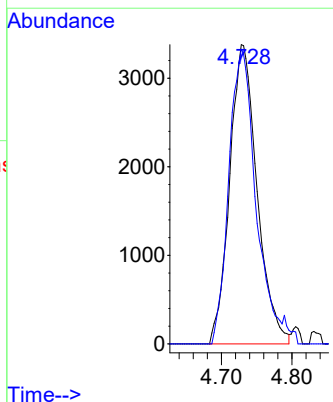
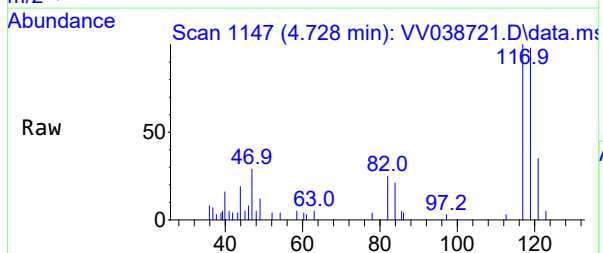
MDT-WED-2011-01T-2025-01
Client Sample ID:
MS2/047A
Instrument:





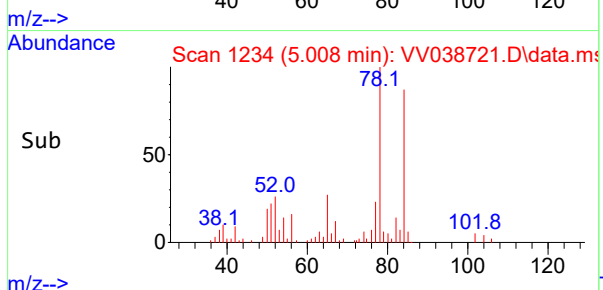
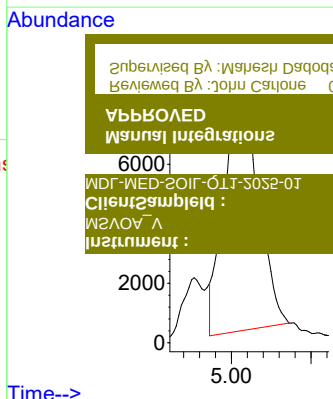
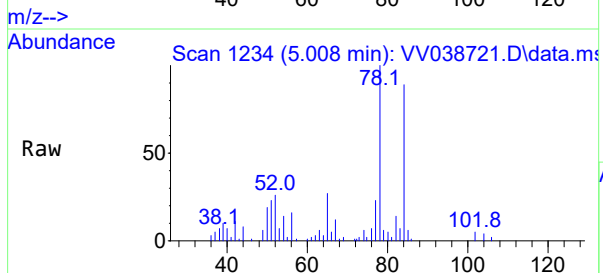
#31
Carbon tetrachloride
Concen: 2.15 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.003 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion: 117 Resp: 9116
Ion Ratio Lower Upper
117 100
119 96.5 77.7 116.5



#33
Benzene
Concen: 2.10 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.006 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion: 78 Resp: 25674



Submitted by: Magesh Dargoda 03/11/2022
Reviewed by: John Carone 03/11/2022

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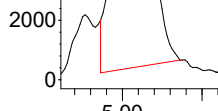
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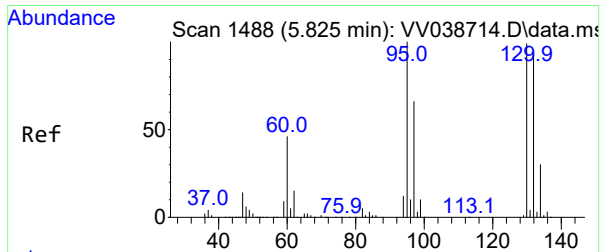
MDT-WED-2011-01T-2022-01

Client Sample ID :

MS/MS

Instrument :

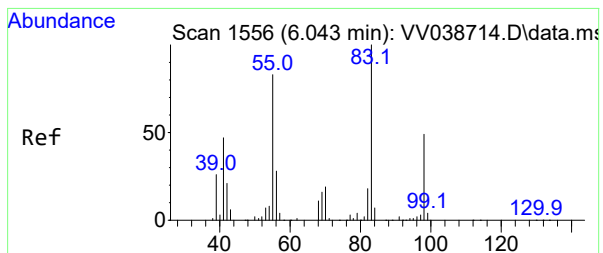
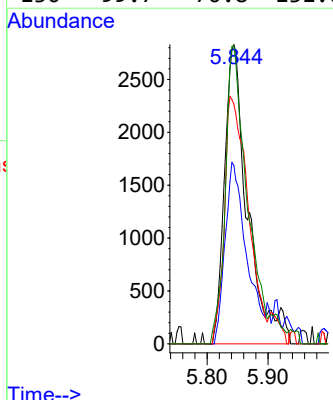
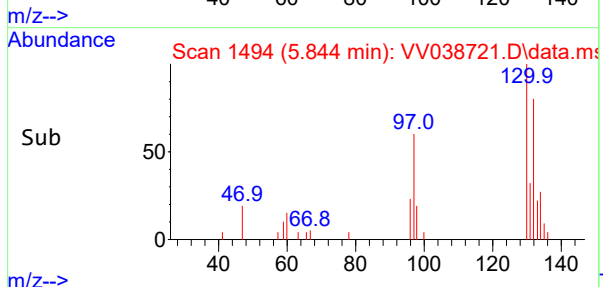
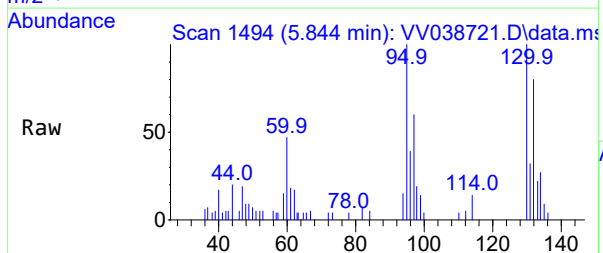




#34
Trichloroethene
Concen: 2.37 ug/L m
RT: 5.844 min Scan# 1494
Delta R.T. 0.019 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion: 95 Resp: 7449

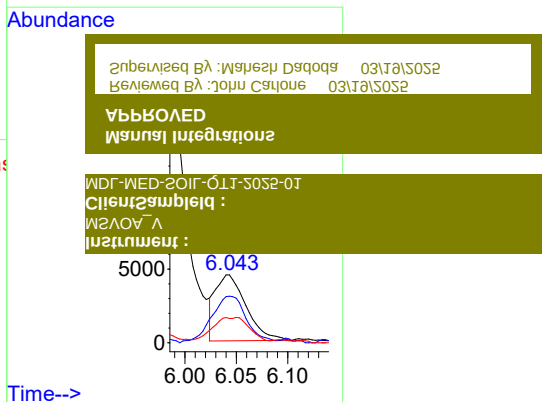
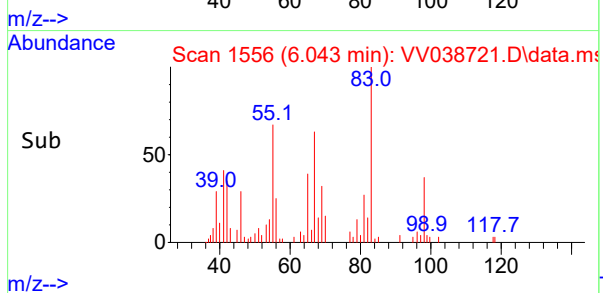
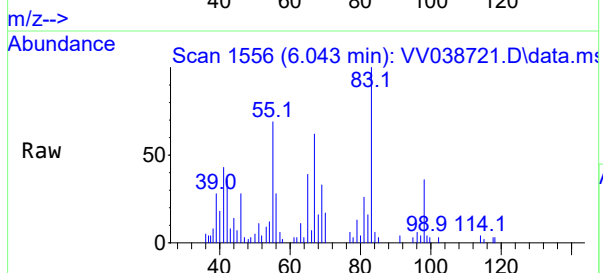
Ion	Ratio	Lower	Upper
95	100		
97	59.6	45.6	84.8
132	80.2	67.6	125.6
130	99.7	70.8	131.6

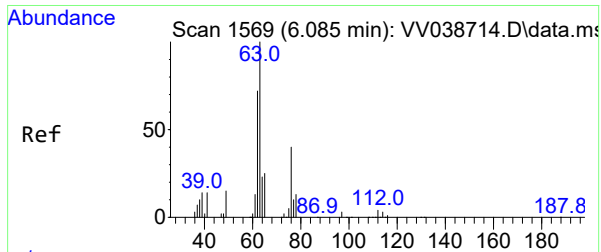


#35
Methylcyclohexane
Concen: 2.02 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion: 83 Resp: 9306

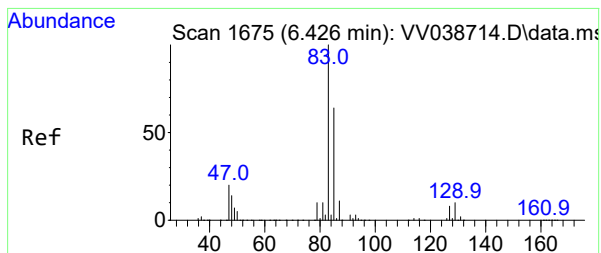
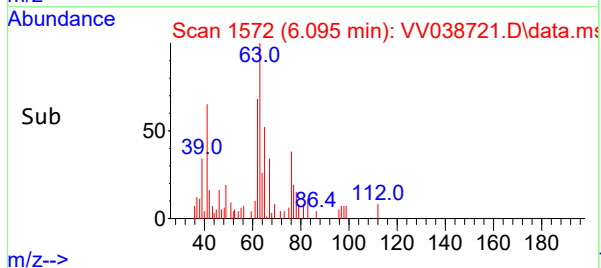
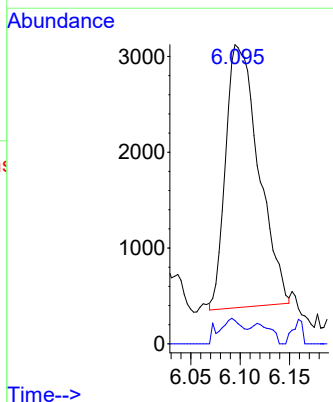
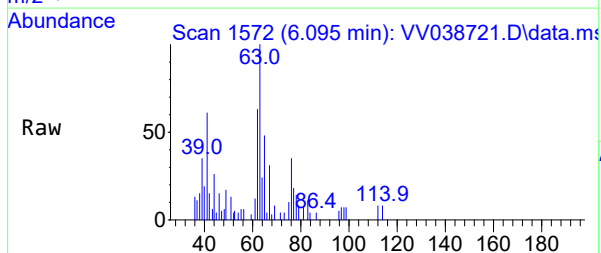
Ion	Ratio	Lower	Upper
83	100		
55	80.0	59.0	88.6
98	18.8	39.5	59.3#





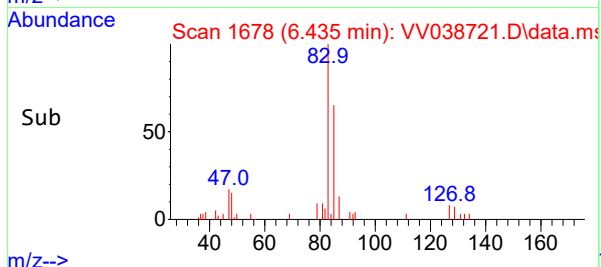
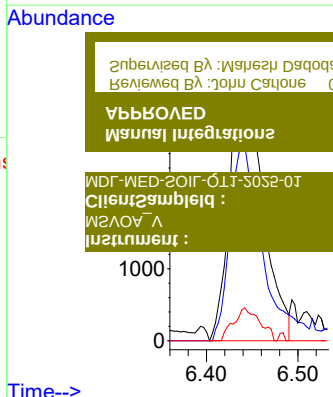
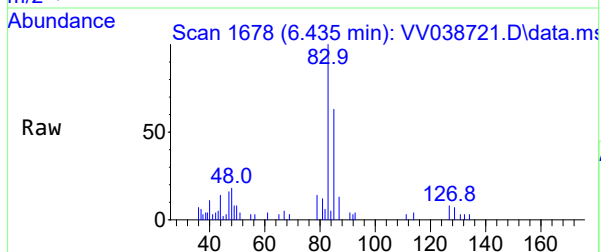
#37
1,2-Dichloropropane
Concen: 1.87 ug/L
RT: 6.095 min Scan# 1572
Delta R.T. 0.010 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion: 63 Resp: 6373
Ion Ratio Lower Upper
63 100
112 5.9 3.8 5.6#



#38
Bromodichloromethane
Concen: 2.15 ug/L
RT: 6.435 min Scan# 1678
Delta R.T. 0.010 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

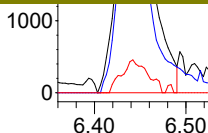
Tgt Ion: 83 Resp: 9644
Ion Ratio Lower Upper
83 100
85 62.8 44.9 83.5
127 7.9 6.8 10.2

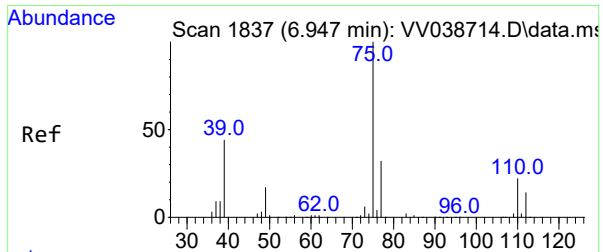


Subscribed By: Magesh Dabodu 03/18/2025
Reviewed By: John Catione 03/18/2025

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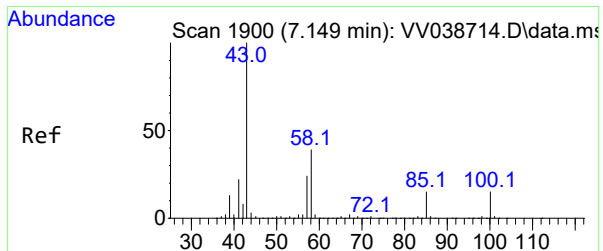
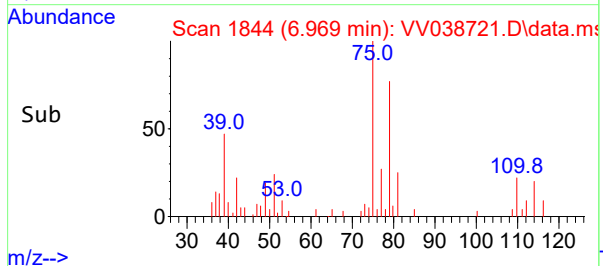
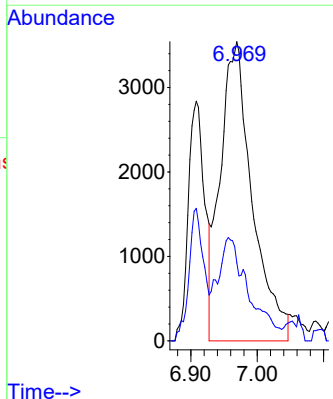
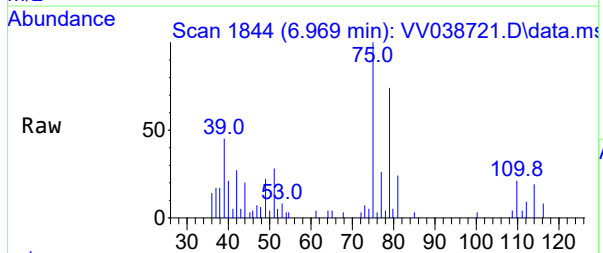
MDT-WED-2011-01T-2025-01
Client Sample ID :
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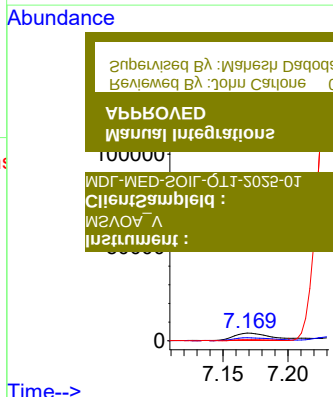
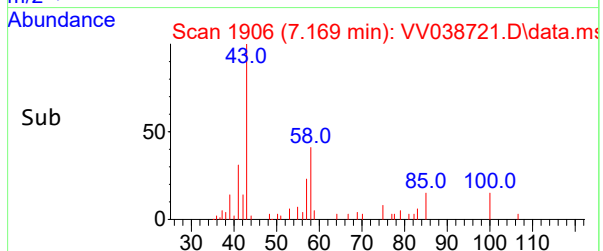
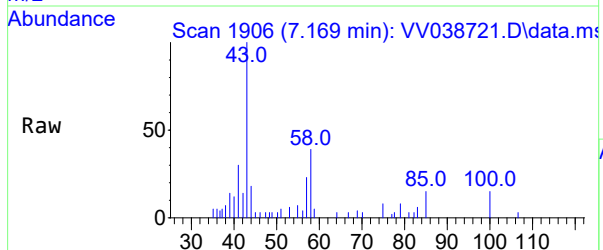
#39
cis-1,3-Dichloropropene
Concen: 2.44 ug/L m
RT: 6.969 min Scan# 1844
Delta R.T. 0.022 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion: 75 Resp: 11867
Ion Ratio Lower Upper
75 100
77 26.1 21.9 40.7

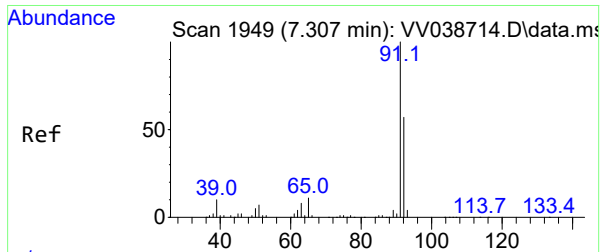


#40
4-Methyl-2-pentanone
Concen: 2.50 ug/L
RT: 7.169 min Scan# 1906
Delta R.T. 0.019 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion: 43 Resp: 7544
Ion Ratio Lower Upper
43 100
58 45.8 32.7 49.1
100 5.9 13.7 20.5#

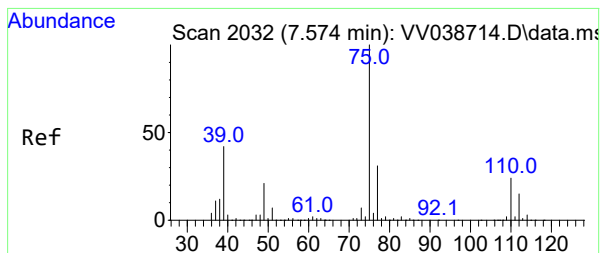
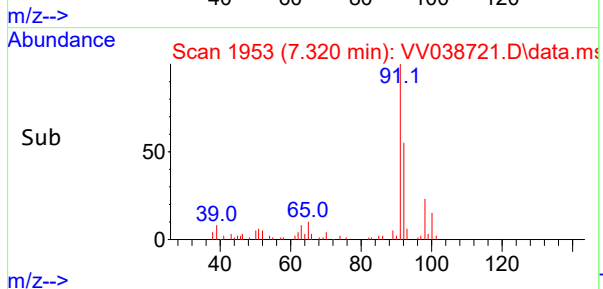
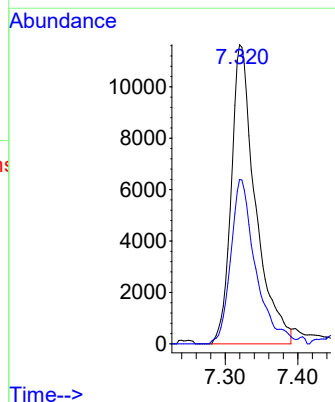
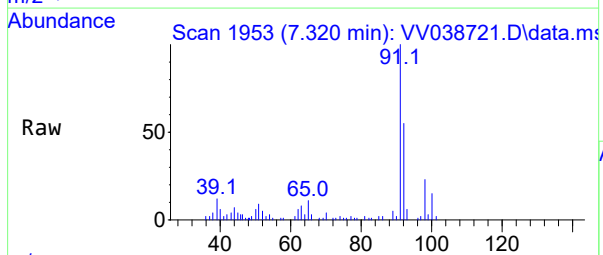


Submitted by: Mafresh Dabogu 03/18/2025
Reviewed by: John C. Hogue 03/18/2025
APPROVED
Manual integrations
100000
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Client Sample ID:
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Instrument:



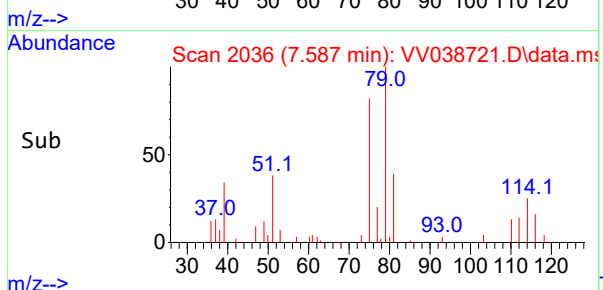
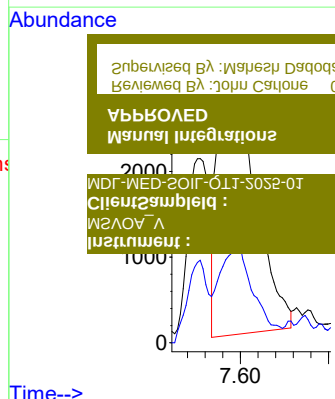
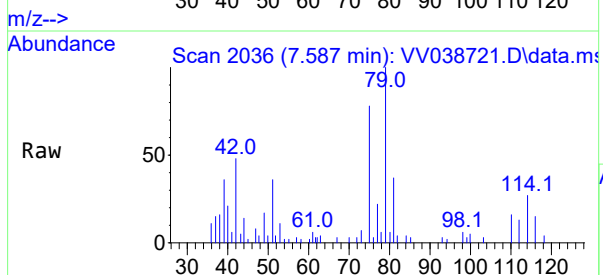
#42
Toluene
Concen: 2.16 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. 0.013 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion: 91 Resp: 26894
Ion Ratio Lower Upper
91 100
92 55.0 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 1.97 ug/L
RT: 7.587 min Scan# 2036
Delta R.T. 0.013 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

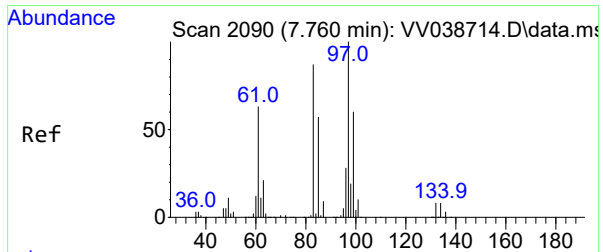
Tgt Ion: 75 Resp: 9090
Ion Ratio Lower Upper
75 100
77 29.0 22.7 42.1



Submitted by: Magesh Dabodu 03/18/2025
Reviewed by: John Catione 03/18/2025

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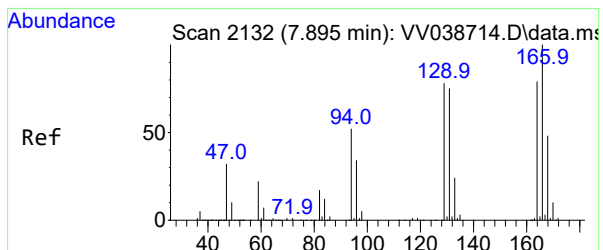
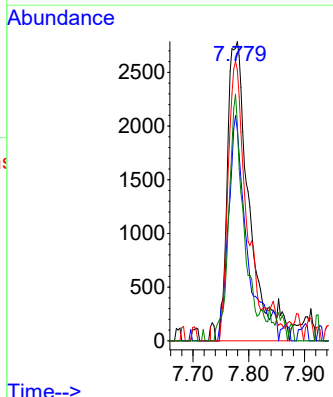
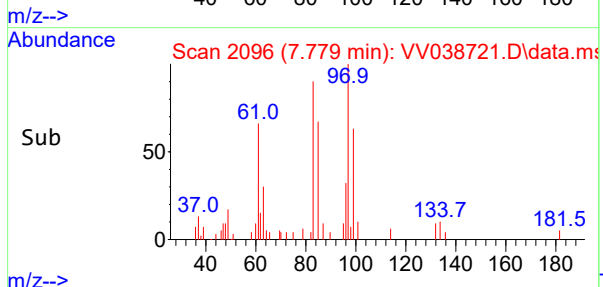
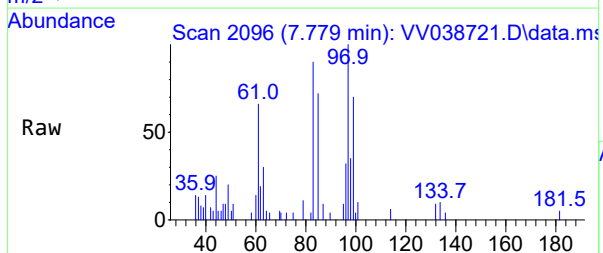
MDT-WED-2011-011-2025-01
Client Sample ID:
MS/MS
Instrument:



#45
1,1,2-Trichloroethane
Concen: 2.36 ug/L m
RT: 7.779 min Scan# 2096
Delta R.T. 0.019 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion: 97 Resp: 7580

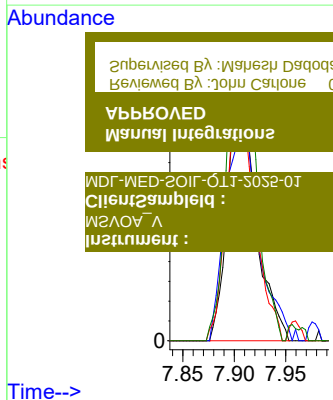
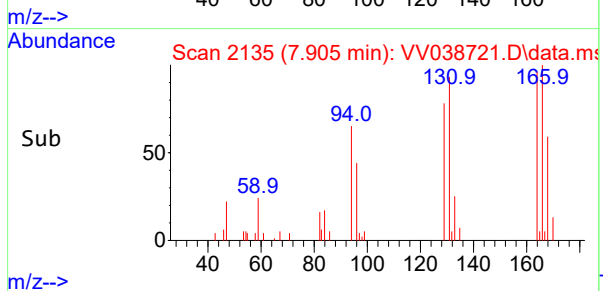
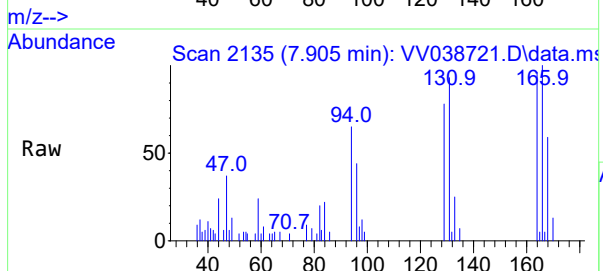
Ion	Ratio	Lower	Upper
97	100		
99	70.4	43.6	81.0
83	90.5	60.5	112.5
85	72.5	38.0	70.6



#46
Tetrachloroethene
Concen: 2.21 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.010 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion: 164 Resp: 4926

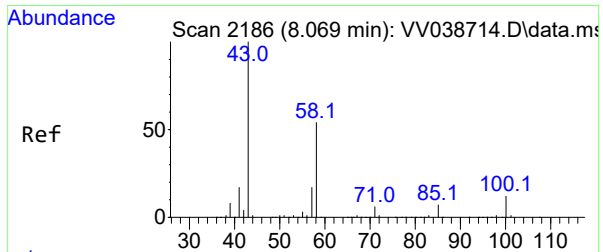
Ion	Ratio	Lower	Upper
164	100		
129	81.7	69.2	128.4
131	97.0	63.1	117.3
166	104.4	89.7	166.5



Submitted by: Mafresh Daboda 03/18/2025
Reviewed by: John Cefone 03/18/2025

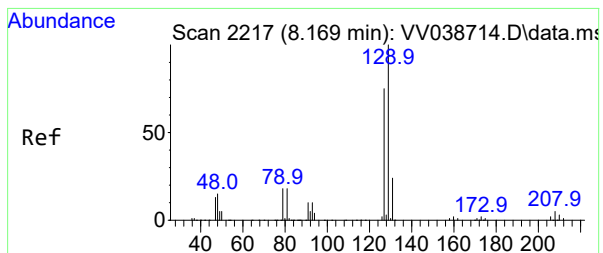
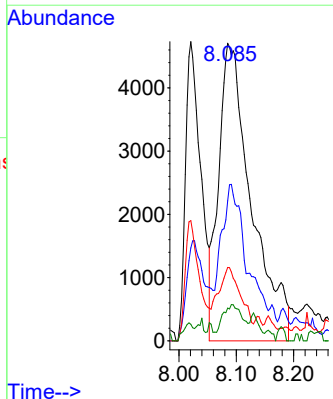
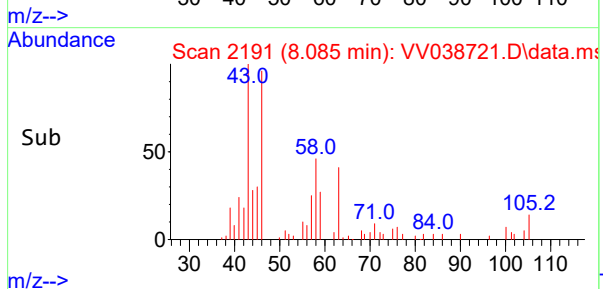
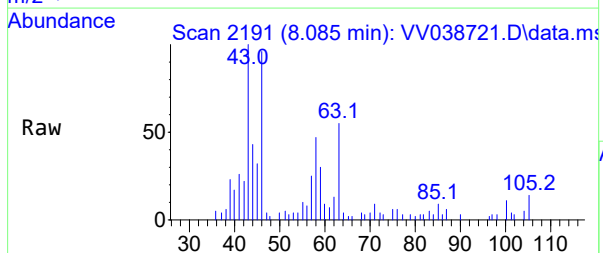
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Manual Integrations

MDT-WED-2017-011-2025-01
Client Sample ID :
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Instrument :



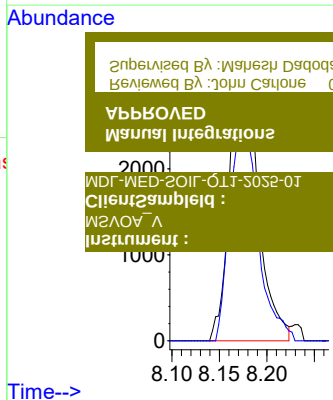
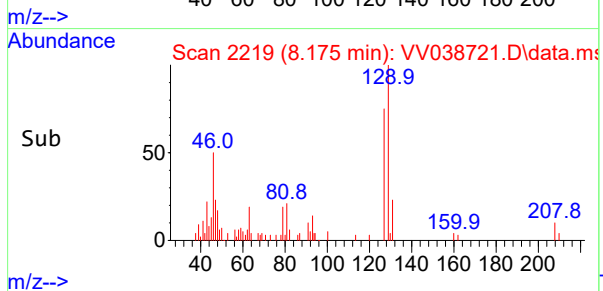
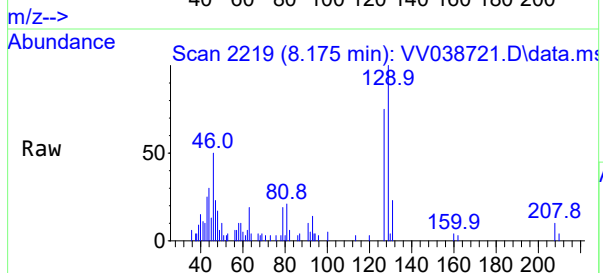
#48
2-Hexanone
Concen: 8.92 ug/L m
RT: 8.085 min Scan# 2191
Delta R.T. 0.016 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion:	43	Resp:	18683
Ion	Ratio	Lower	Upper
43	100		
58	14.2	48.0	72.0#
57	14.8	15.5	23.3#
100	7.4	11.0	16.4#



#49
Dibromochloromethane
Concen: 2.21 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.006 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

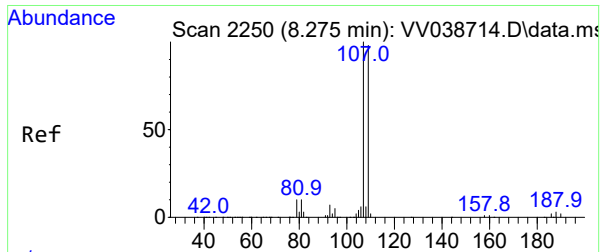
Tgt Ion:	129	Resp:	7092
Ion	Ratio	Lower	Upper
129	100		
127	75.3	53.8	100.0



Submitted by: Magesh Dabodu 03/18/2025
Reviewed by: John Catione 03/18/2025

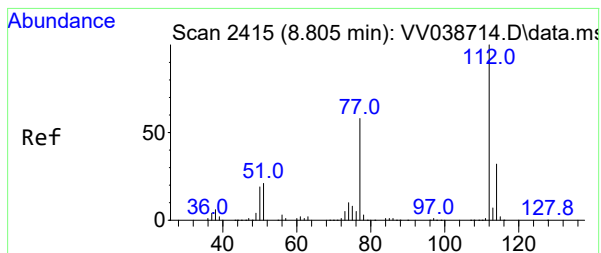
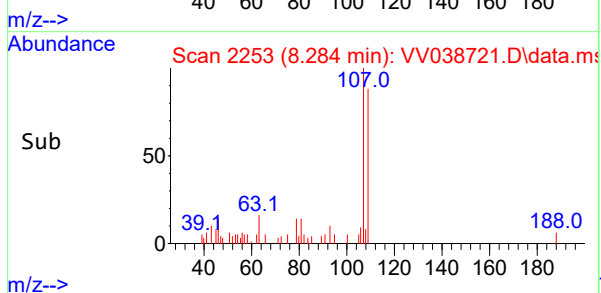
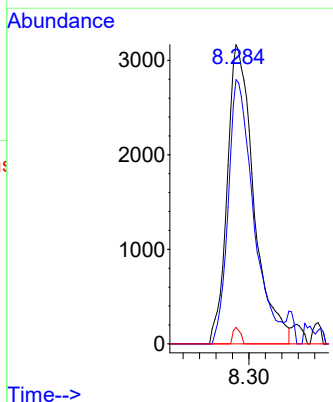
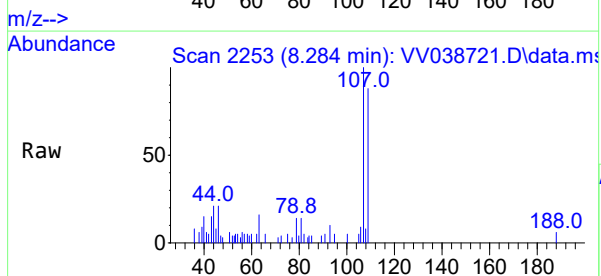
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2000
WDT-WED-2011-011-2025-01
Client Sample ID:
MS/MS
Instrument:



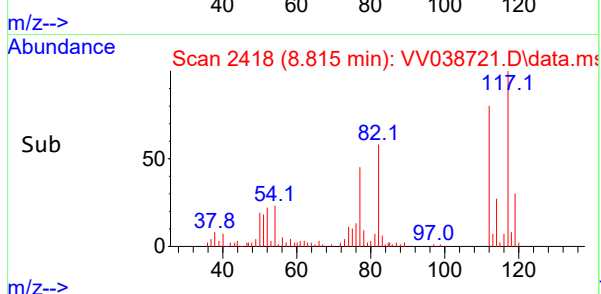
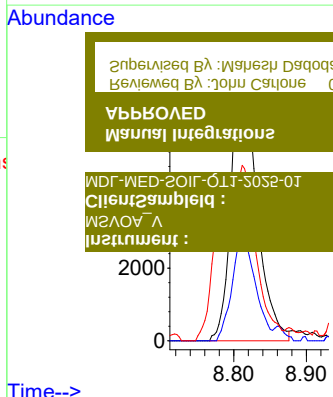
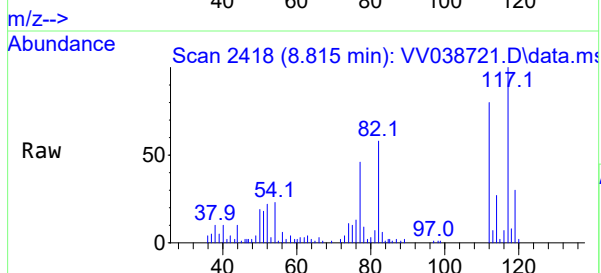
#50
1,2-Dibromoethane
Concen: 2.27 ug/L
RT: 8.284 min Scan# 2253
Delta R.T. 0.010 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion:107 Resp: 7095
Ion Ratio Lower Upper
107 100
109 88.3 66.1 122.7
188 5.5 2.6 3.8#



#51
Chlorobenzene
Concen: 2.23 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.010 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

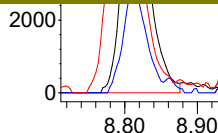
Tgt Ion:112 Resp: 18993
Ion Ratio Lower Upper
112 100
114 33.6 21.9 40.7
77 57.5 45.4 68.0

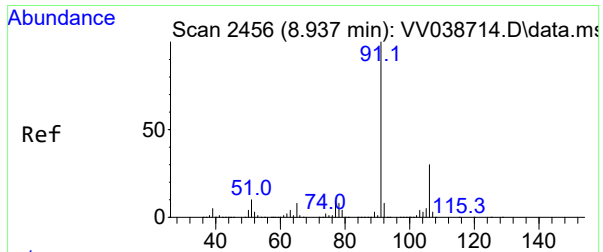


Submitted by: Manish Dabode 03/18/2025
Reviewed by: John Catione 03/18/2025

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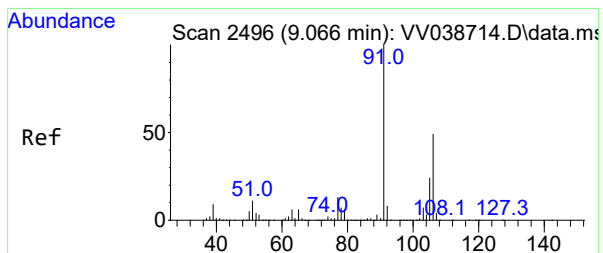
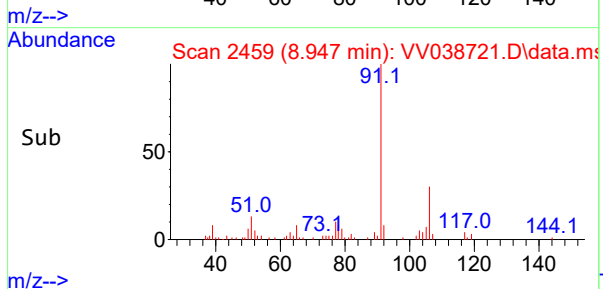
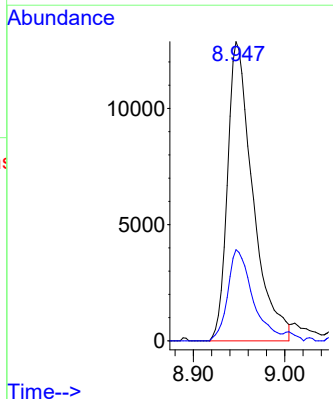
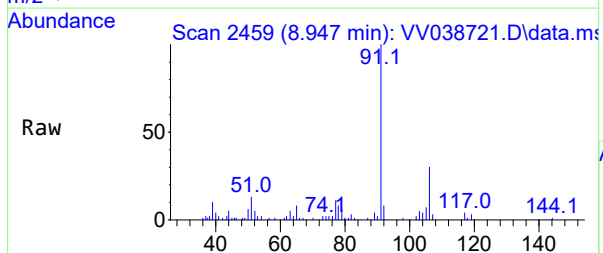
MDT-WED-2011-01T-2025-01
Client Sample ID :
MS/MS
Instrument :





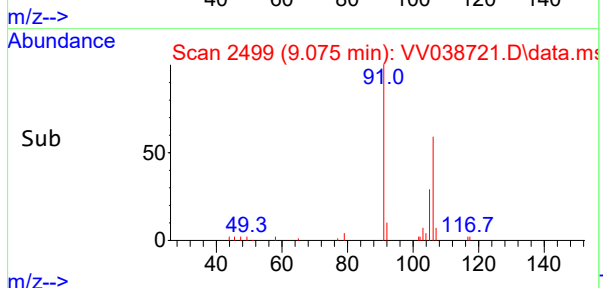
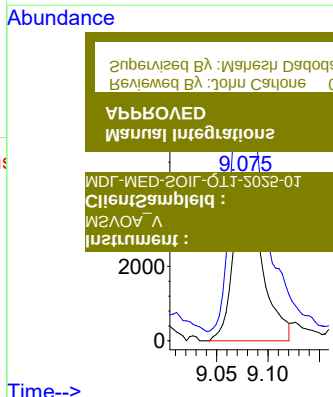
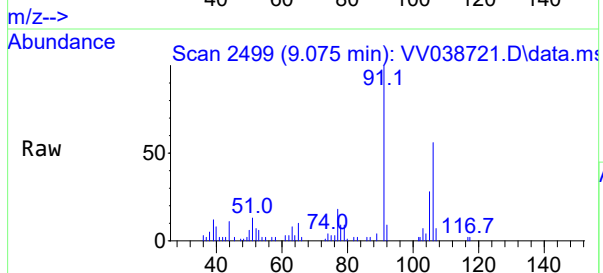
#52
Ethylbenzene
Concen: 1.80 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.010 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion: 91 Resp: 24730
Ion Ratio Lower Upper
91 100
106 30.5 21.6 40.0



#53
m,p-Xylene
Concen: 1.68 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.010 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

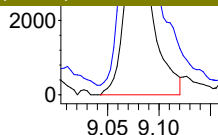
Tgt Ion: 106 Resp: 8411
Ion Ratio Lower Upper
106 100
91 178.1 142.6 264.8

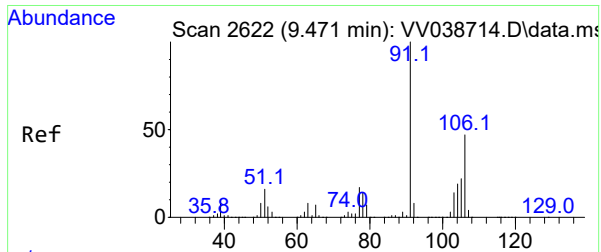


Submitted by: Mafresh Dabogu 03/18/2025
Reviewed by: John Catione 03/18/2025

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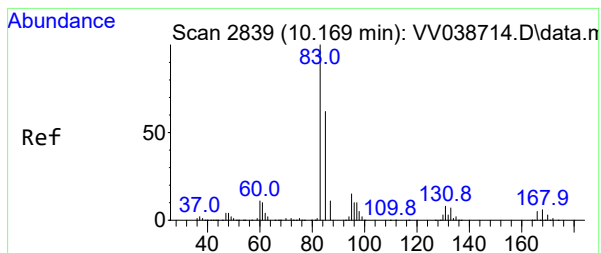
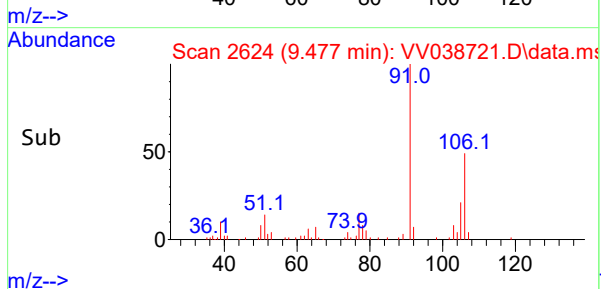
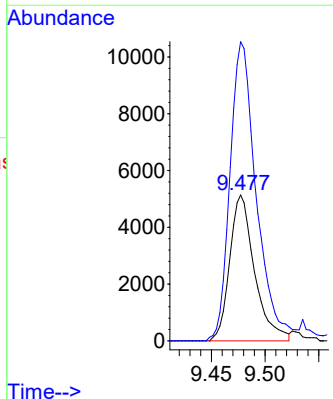
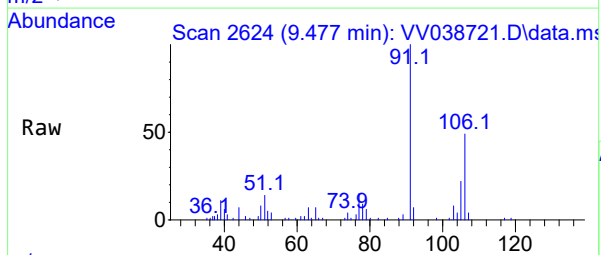
MDT-WED-2011-011-2025-01
Client Sample ID :
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Instrument :





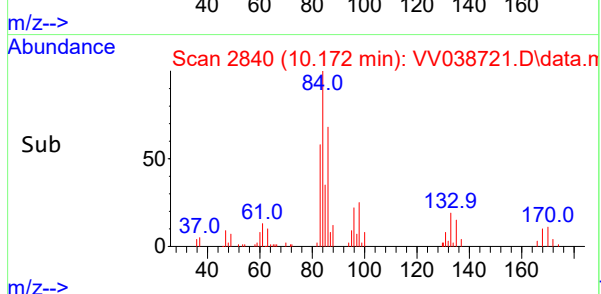
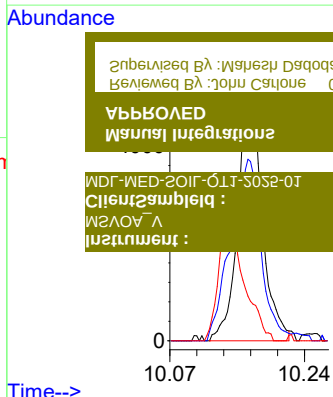
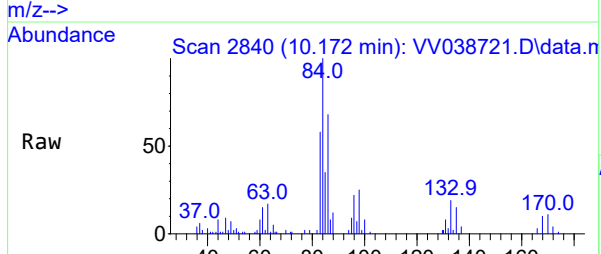
#54
o-Xylene
Concen: 1.70 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.006 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion: 106 Resp: 8263
Ion Ratio Lower Upper
106 100
91 205.1 151.1 280.7



#57
1,1,2,2-Tetrachloroethane
Concen: 2.40 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.003 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

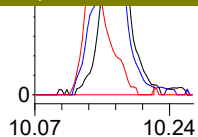
Tgt Ion: 83 Resp: 11480
Ion Ratio Lower Upper
83 100
85 59.9 44.7 82.9
131 13.2 8.0 12.0#

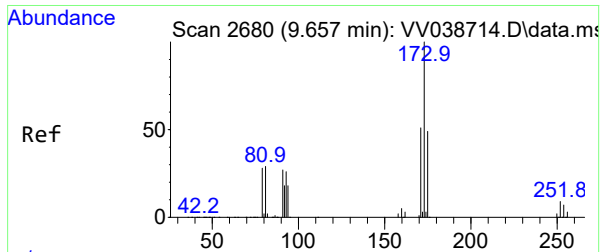


Submitted by: Magesh Dabodu 03/18/2025
Reviewed by: John Catione 03/18/2025

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Manual Integrations

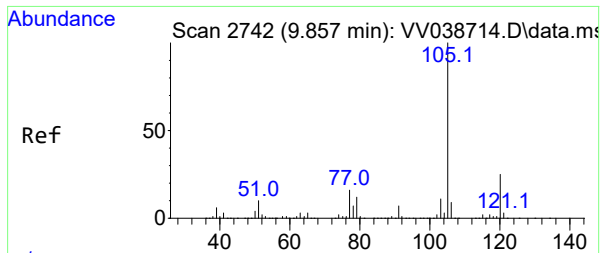
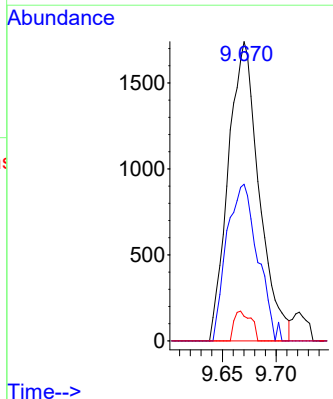
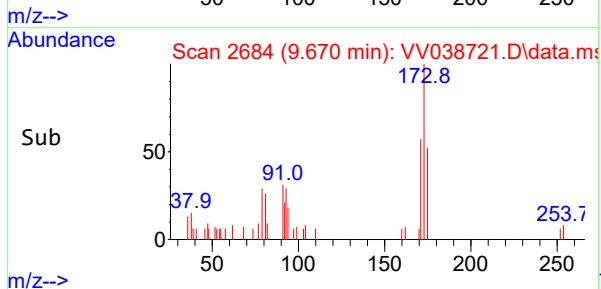
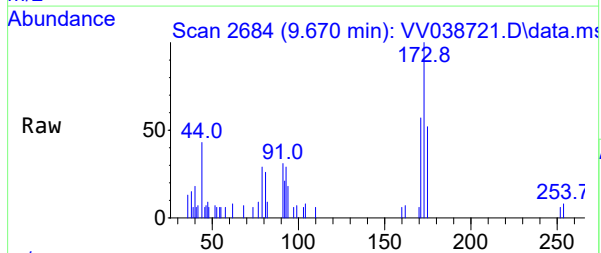
MDT-WED-2011-01T-2025-01
Client Sample ID:
MS/MS
Instrument:





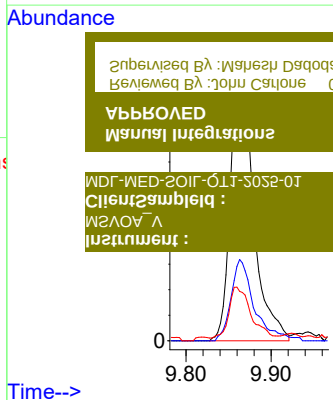
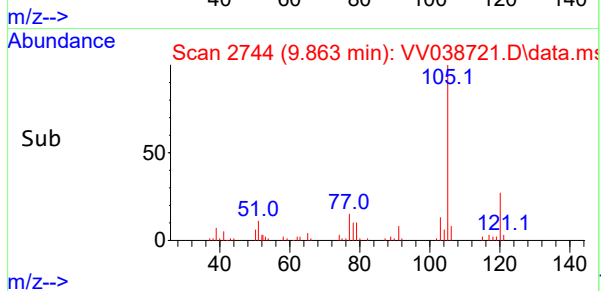
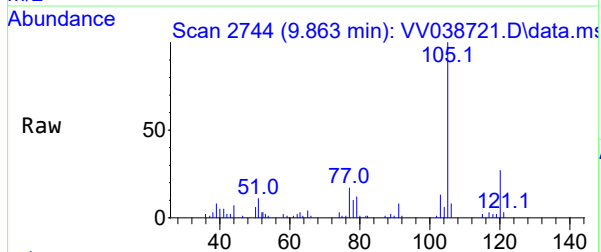
#59
Bromoform
Concen: 2.23 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.013 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion:	173	Resp:	3469
Ion	Ratio	Lower	Upper
173	100		
175	52.1	38.8	58.2
254	5.4	6.9	10.3#



#60
Isopropylbenzene
Concen: 1.98 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

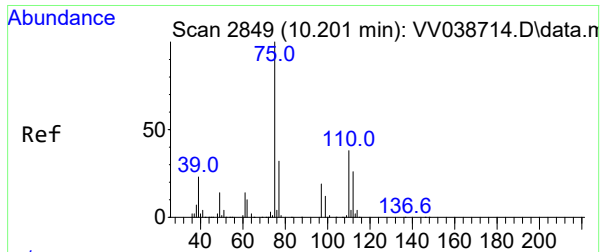
Tgt Ion:	105	Resp:	20919
Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.0	31.4
77	19.4	12.2	18.4#



Submitted by: Magesh Dabodu 03/18/2025
Reviewed by: John Catione 03/18/2025

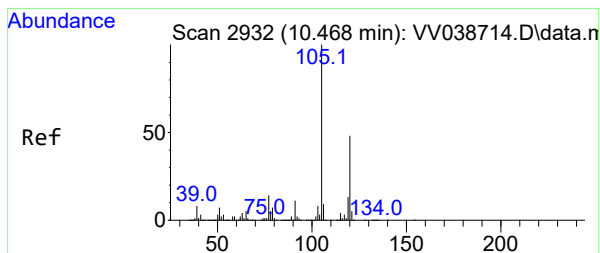
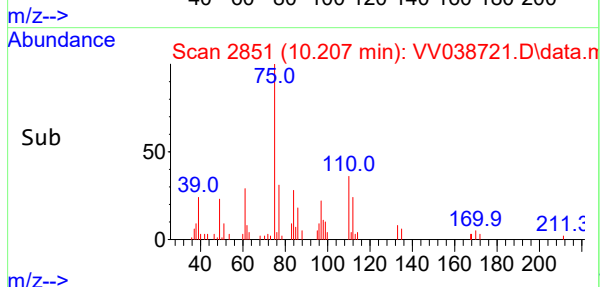
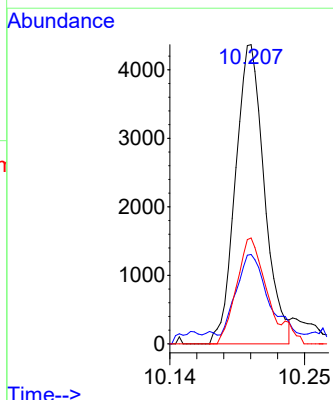
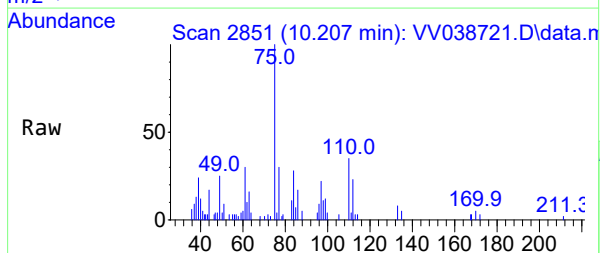
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Manual Integrations

MDT-WED-2017-01T-2025-01
Client Sample ID :
MS/MS
Instrument :



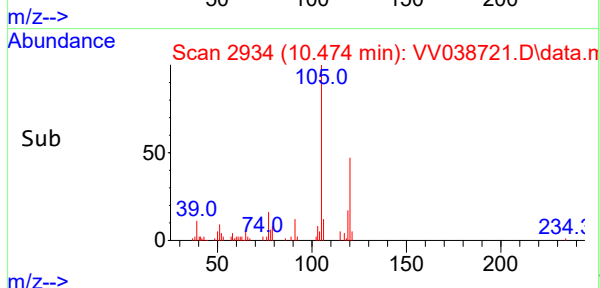
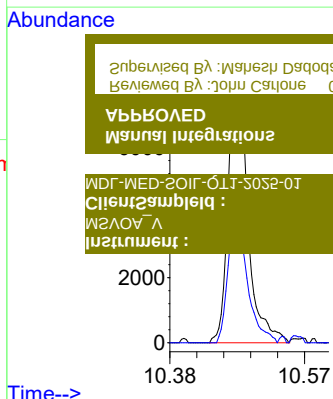
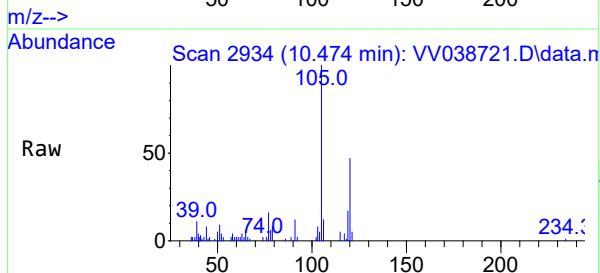
#61
1,2,3-Trichloropropane
Concen: 2.67 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.006 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion: 75 Resp: 7474
Ion Ratio Lower Upper
75 100
77 26.3 25.8 38.6
110 35.1 32.2 48.4



#62
1,3,5-Trimethylbenzene
Concen: 2.00 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.006 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

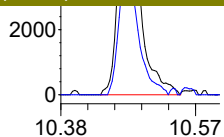
Tgt Ion: 105 Resp: 16361
Ion Ratio Lower Upper
105 100
120 46.8 39.1 58.7

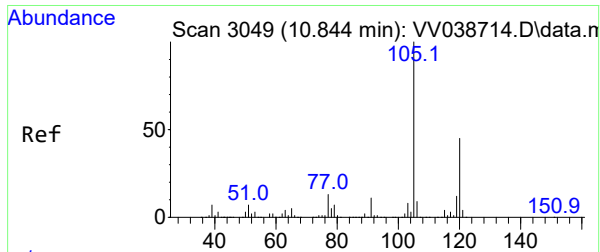


Supervised by: [signature] 03/18/2025
Reviewed by: [signature] 03/18/2025

APPROVED
Manual Integrations

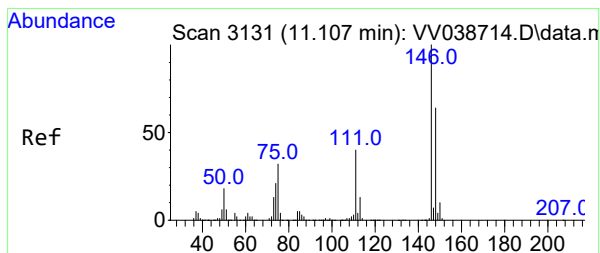
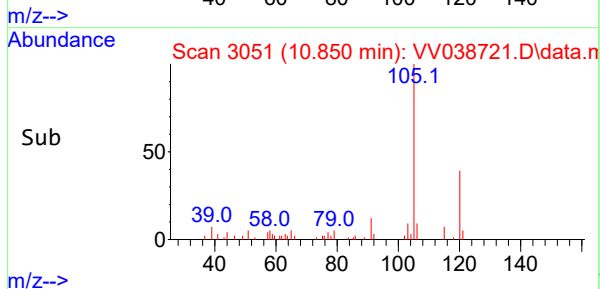
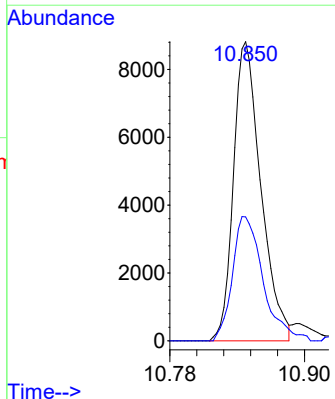
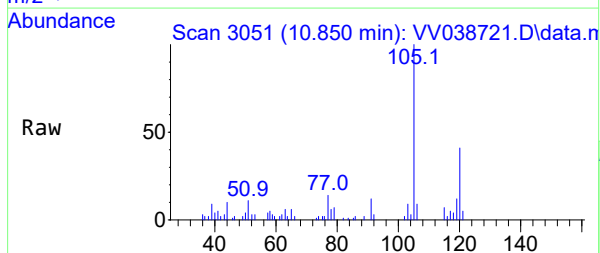
MDT-WED-2011-011-2025-01
Client Sample ID:
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Instrument:





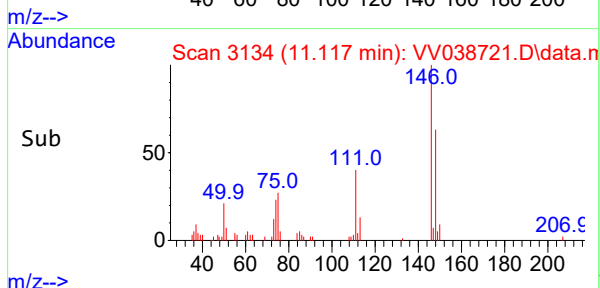
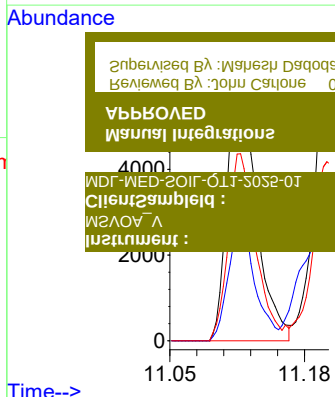
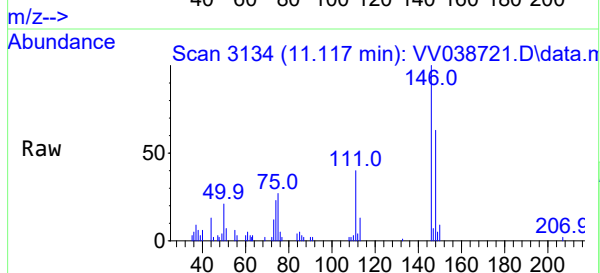
#63
1,2,4-Trimethylbenzene
Concen: 1.80 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.006 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion:105 Resp: 14946
Ion Ratio Lower Upper
105 100
120 45.9 36.6 55.0



#64
1,3-Dichlorobenzene
Concen: 2.34 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.010 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

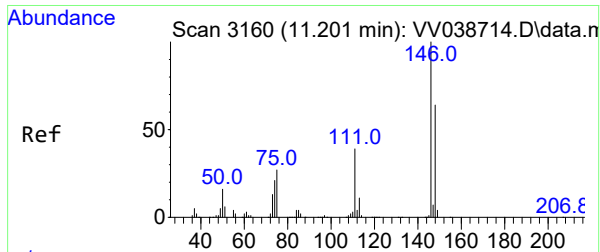
Tgt Ion:146 Resp: 11960
Ion Ratio Lower Upper
146 100
111 40.1 27.8 51.6
148 62.9 45.1 83.7



Submitted by : Manish Deshpande 03/18/2025
Reviewed by : John Collins 03/18/2025

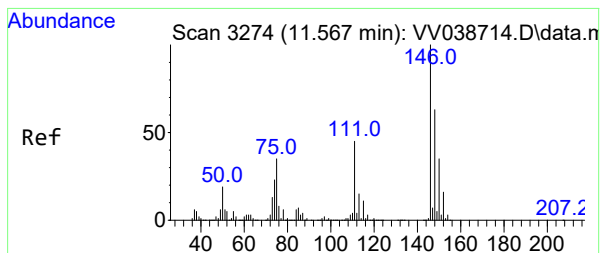
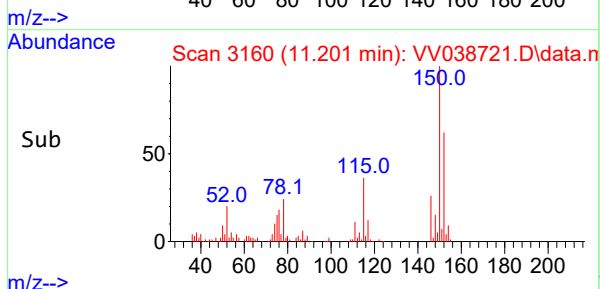
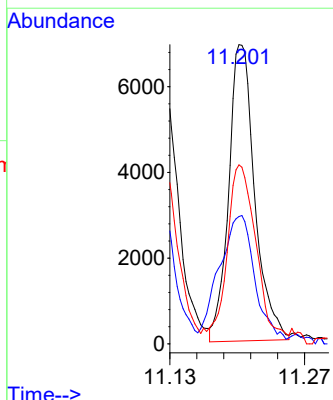
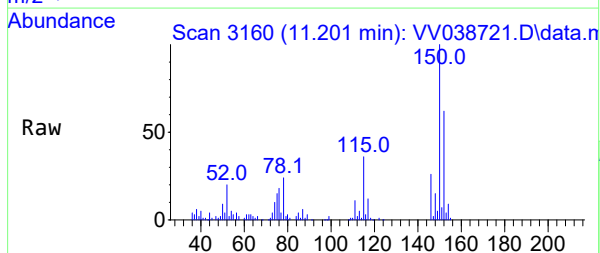
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MDT-WED-2011-011-2025-01
Client Sample ID :
MS/MS
Instrument :



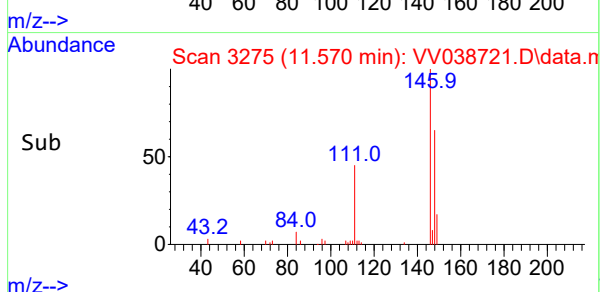
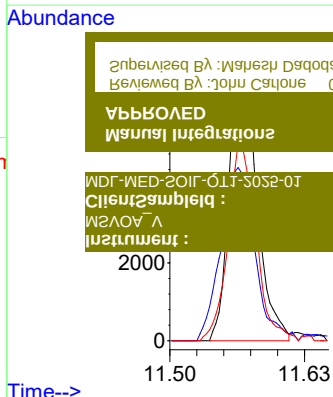
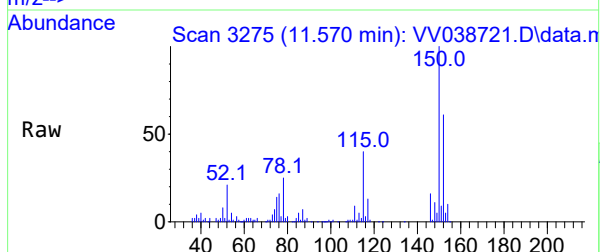
#65
1,4-Dichlorobenzene
Concen: 2.50 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. -0.000 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	27.6	51.4
148	59.8	44.9	83.3



#67
1,2-Dichlorobenzene
Concen: 2.77 ug/L
RT: 11.570 min Scan# 3275
Delta R.T. 0.003 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

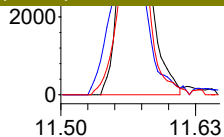
Tgt Ion	Ratio	Lower	Upper
146	100		
111	56.3	34.2	51.2#
148	66.8	50.5	75.7

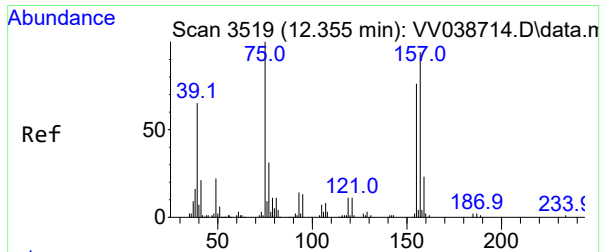


Submitted by: Magesh Dabodu 03/11/2025
Reviewed by: John Carone 03/11/2025

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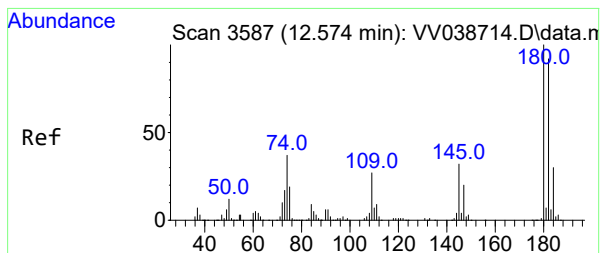
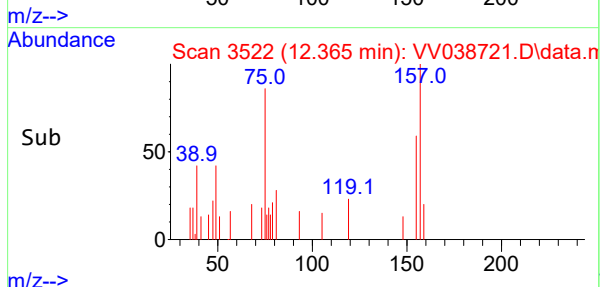
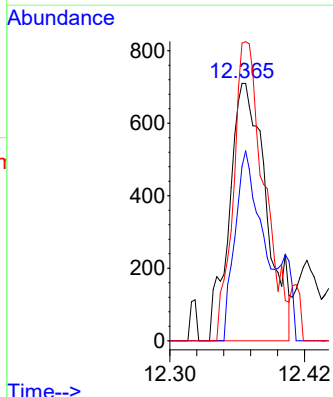
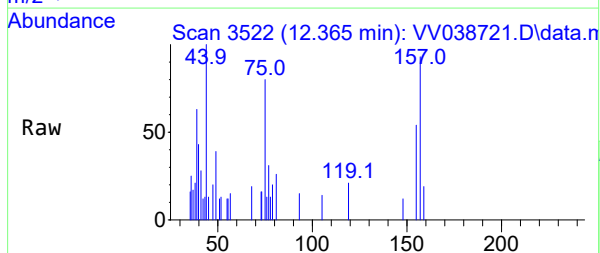
MDT-WED-2011-011-2025-01
Client Sample ID :
MS/MS
Instrument :





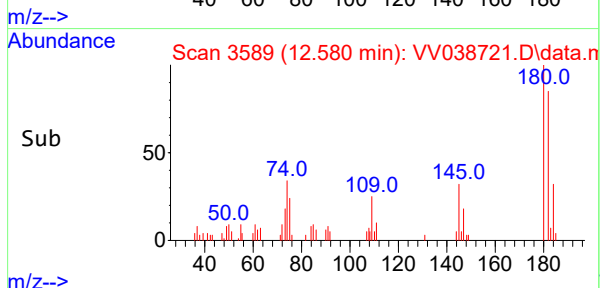
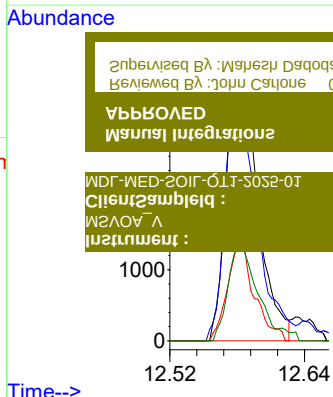
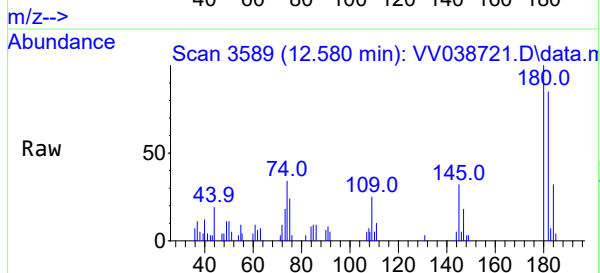
#68
1,2-Dibromo-3-chloropropane
Concen: 2.39 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.010 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion: 75 Resp: 1617
Ion Ratio Lower Upper
75 100
155 67.7 66.8 100.2
157 115.6 83.4 125.2



#69
1,3,5-Trichlorobenzene
Concen: 2.47 ug/L
RT: 12.580 min Scan# 3589
Delta R.T. 0.006 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

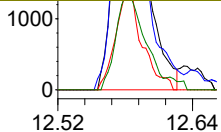
Tgt Ion: 180 Resp: 8050
Ion Ratio Lower Upper
180 100
182 88.9 76.2 114.4
184 30.4 23.8 35.6
145 30.9 24.8 37.2

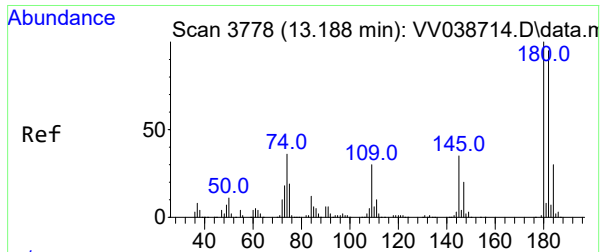


Submitted by: Magesh Dabodu 03/18/2025
Reviewed by: John Catione 03/18/2025

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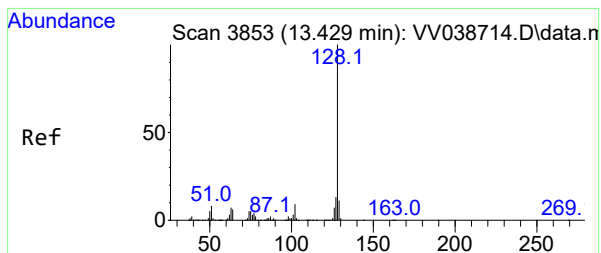
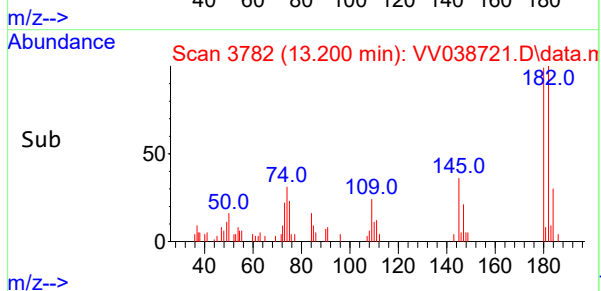
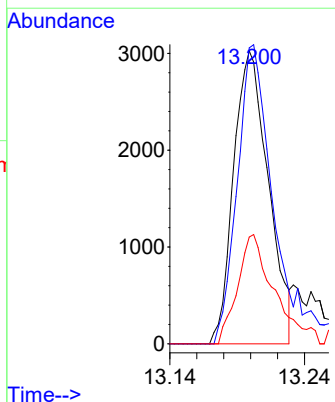
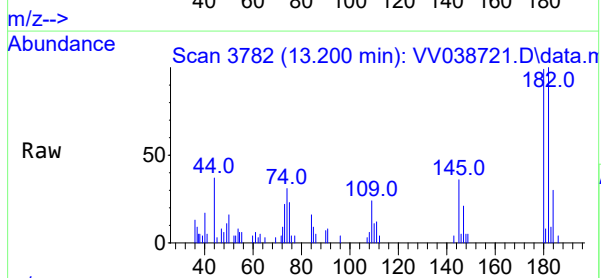
MDT-WED-2011-011-2025-01
Client Sample ID:
MS/MS
Instrument:





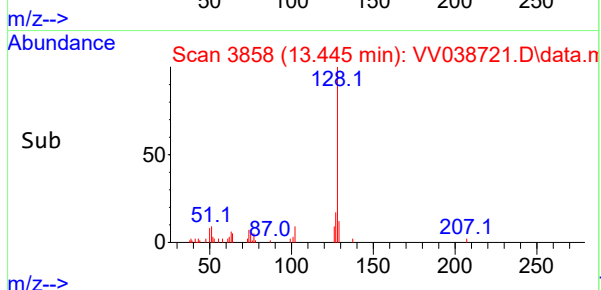
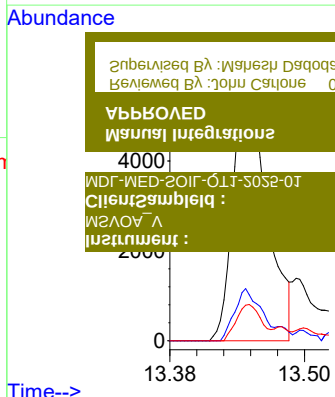
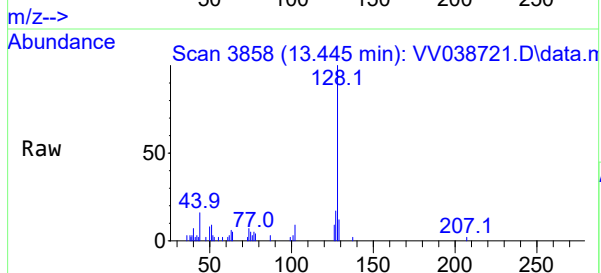
#70
1,2,4-trichlorobenzene
Concen: 1.99 ug/L
RT: 13.200 min Scan# 3782
Delta R.T. 0.013 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion:180 Resp: 5322
Ion Ratio Lower Upper
180 100
182 98.4 76.2 114.2
145 38.4 24.7 37.1#



#71
Naphthalene
Concen: 1.80 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.016 min
Lab File: VV038721.D
Acq: 17 Mar 2025 17:29

Tgt Ion:128 Resp: 12517
Ion Ratio Lower Upper
128 100
127 15.1 10.1 15.1
129 9.9 8.6 12.8



Subtracted by: [illegible] 03/18/2025
Reviewed by: [illegible] 03/18/2025

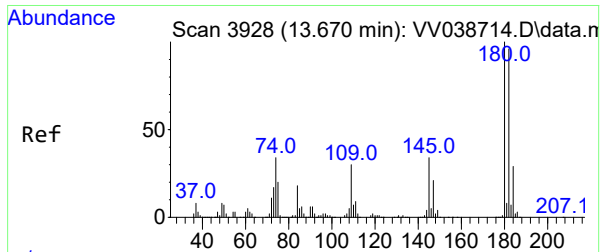
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4000
WDT-WED-2011-01T-2025-01

Client Sample ID:

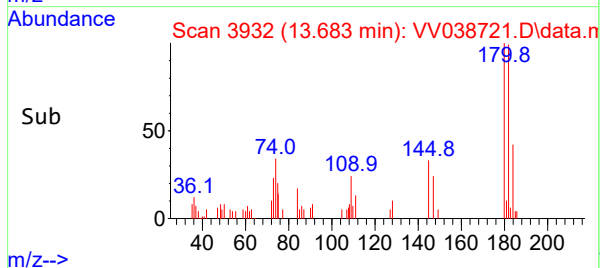
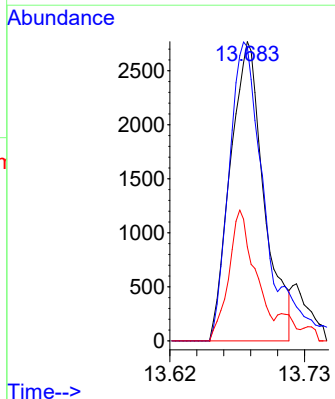
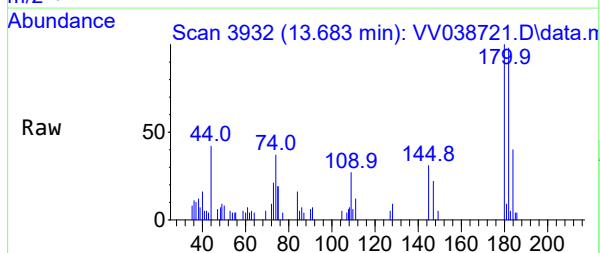
MS/MS

Instrument:



#72
 1,2,3-Trichlorobenzene
 Concen: 2.09 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. 0.013 min
 Lab File: VV038721.D
 Acq: 17 Mar 2025 17:29

Tgt Ion:180 Resp: 5482
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.8 113.6
 145 34.6 27.1 40.7



Supervised By : Maryam Dargah 03/11/2022
 Reviewed By : John Cagione 03/11/2022

APPROVED
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MDT-MED-2011-011-2022-01
 Client Sampled :
 M2/04/21
 Instrument :