

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063056.D
 Acq On : 28 Jan 2025 08:33
 Operator : MD/SY
 Sample : Q1196-03MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2964MSD

Quant Time: Jan 29 08:23:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 29 08:16:38 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/30/2025
 Supervised By :Semsettin Yesilyurt 01/30/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	6.312	114	128378	5.000	ug/L	0.07
28) Chlorobenzene-d5	9.421	117	120477	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.804	152	70410	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.669	65	11704	2.536	ug/L	0.07
Spiked Amount 5.000	Range 40 - 130		Recovery =	50.800%		
7) Chloroethane-d5	1.981	69	12180	3.476	ug/L	0.08
Spiked Amount 5.000	Range 65 - 130		Recovery =	69.600%		
11) 1,1-Dichloroethene-d2	2.644	65	7549	2.735	ug/L	0.09
Spiked Amount 5.000	Range 60 - 125		Recovery =	54.800%#		
20) 2-Butanone-d5	4.746	46	29200m	21.801	ug/L	0.14
Spiked Amount 50.000	Range 40 - 130		Recovery =	43.600%		
24) Chloroform-d	5.119	84	58577	3.195	ug/L	0.07
Spiked Amount 5.000	Range 70 - 125		Recovery =	64.000%#		
26) 1,2-Dichloroethane-d4	5.788	65	32738	3.128	ug/L	0.10
Spiked Amount 5.000	Range 70 - 130		Recovery =	62.600%#		
32) Benzene-d6	5.807	84	87731	3.187	ug/L	0.09
Spiked Amount 5.000	Range 70 - 125		Recovery =	63.800%#		
36) 1,2-Dichloropropane-d6	6.743	67	21609	3.083	ug/L	0.07
Spiked Amount 5.000	Range 60 - 140		Recovery =	61.600%		
41) Toluene-d8	7.923	98	91048	3.345	ug/L	0.04
Spiked Amount 5.000	Range 70 - 130		Recovery =	66.800%#		
43) trans-1,3-Dichloroprop...	8.200	79	13696	3.156	ug/L	0.03
Spiked Amount 5.000	Range 55 - 130		Recovery =	63.200%		
46) 2-Hexanone-d5	8.650	63	37792	34.902	ug/L	0.03
Spiked Amount 50.000	Range 45 - 130		Recovery =	69.800%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	21860	3.284	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	65.600%		
66) 1,2-Dichlorobenzene-d4	12.183	152	42793	3.395	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	68.000%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.454	85	40059	3.483	ug/L	100
3) Chloromethane	1.592	50	12883m	2.329	ug/L	
5) Vinyl chloride	1.676	62	19199	3.109	ug/L	93
6) Bromomethane	1.927	94	8636	2.923	ug/L	91
8) Chloroethane	2.001	64	14972	4.801	ug/L	91
9) Trichlorofluoromethane	2.210	101	55843	3.577	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.656	101	26398	3.436	ug/L #	84
12) 1,1-Dichloroethene	2.656	96	22321	3.347	ug/L	79
13) Acetone	2.782	43	42054	48.557	ug/L	61
14) Carbon disulfide	2.869	76	62702	3.670	ug/L	99
15) Methyl Acetate	3.068	43	8244	4.957	ug/L #	84
16) Methylene chloride	3.129	84	22618	3.217	ug/L	89
17) Methyl tert-butyl Ether	3.473	73	61032	3.055	ug/L	95
18) trans-1,2-Dichloroethene	3.438	96	24330	3.409	ug/L	90
19) 1,1-Dichloroethane	3.955	63	40638	3.285	ug/L	91
21) 2-Butanone	4.824	43	33748	28.570	ug/L	93
22) cis-1,2-Dichloroethene	4.724	96	26264	3.079	ug/L	91
23) Bromochloromethane	5.026	128	13867	3.240	ug/L #	77
25) Chloroform	5.145	83	64017	3.582	ug/L	100

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 Supervised By :Semsettin Yesilyurt 01/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.878	62	42822	3.418	ug/L #	96
29) 1,1,1-Trichloroethane	5.377	97	70591	3.779	ug/L	97
30) Cyclohexane	5.444	56	32652	3.752	ug/L #	76
31) Carbon tetrachloride	5.592	117	66837	3.716	ug/L	100
33) Benzene	5.852	78	128662	4.408	ug/L	100
34) Trichloroethene	6.595	95	47626	4.802	ug/L	93
35) Methylcyclohexane	6.807	83	47117	3.770	ug/L	93
37) 1,2-Dichloropropane	6.840	63	21958m	3.345	ug/L	
38) Bromodichloromethane	7.148	83	48390	3.679	ug/L	99
39) cis-1,3-Dichloropropene	7.637	75	45243	3.661	ug/L	99
40) 4-Methyl-2-pentanone	7.823	43	117531	37.113	ug/L #	92
42) Toluene	7.991	91	282784	8.151	ug/L	99
44) trans-1,3-Dichloropropene	8.229	75	41376	3.634	ug/L	100
45) 1,1,2-Trichloroethane	8.418	97	23471	3.799	ug/L	94
47) Tetrachloroethene	8.566	164	314472	36.455	ug/L	92
48) 2-Hexanone	8.701	43	77613m	35.333	ug/L	
49) Dibromochloromethane	8.820	129	37056	3.843	ug/L	93
50) 1,2-Dibromoethane	8.936	107	23671	3.793	ug/L #	87
51) Chlorobenzene	9.454	112	92746	3.855	ug/L	95
52) Ethylbenzene	9.573	91	217083	5.369	ug/L	99
53) m,p-Xylene	9.695	106	129597	8.300	ug/L	100
54) o-Xylene	10.100	106	99848	6.980	ug/L	96
55) Styrene	10.113	104	103853	4.294	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	25080	3.628	ug/L #	96
59) Bromoform	10.290	173	25355	3.790	ug/L #	98
60) Isopropylbenzene	10.479	105	178067	3.991	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	18563	3.276	ug/L	91
62) 1,3,5-Trimethylbenzene	11.081	105	171141	4.375	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	207257	5.602	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	91950	4.059	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	89744	3.949	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	80797	3.791	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.984	75	6481	4.325	ug/L #	66
69) 1,3,5-Trichlorobenzene	13.209	180	76732	4.240	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	72393	5.112	ug/L	99
71) Naphthalene	14.074	128	643812	35.428	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	62514	5.109	ug/L	97

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

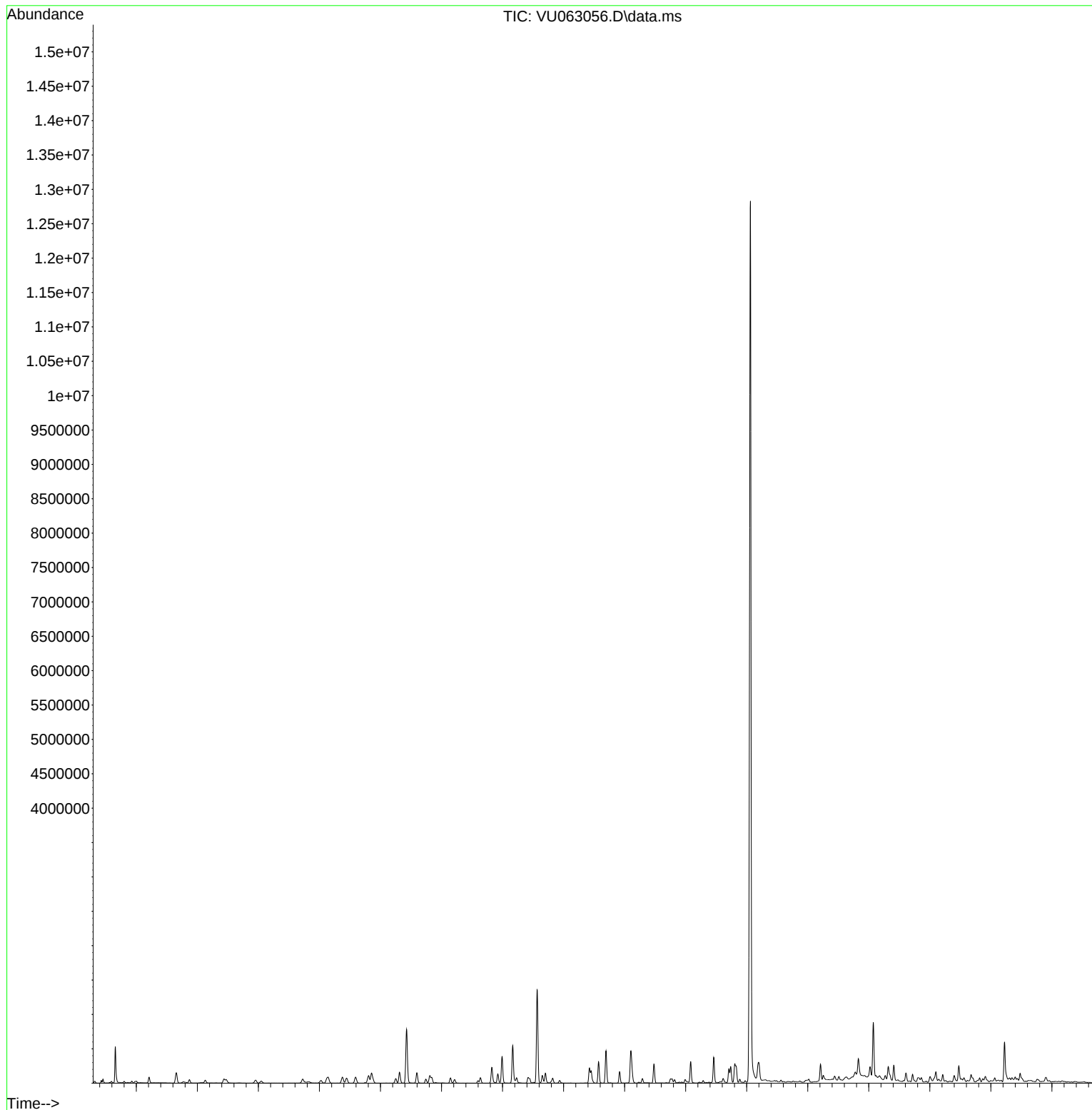
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Data File : VU063056.D
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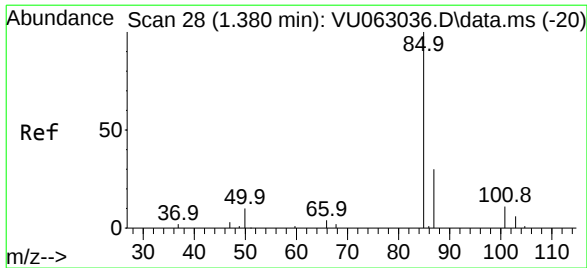
Instrument :
MSVOA_U
ClientSampleId :
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Manual Integrations
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Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025

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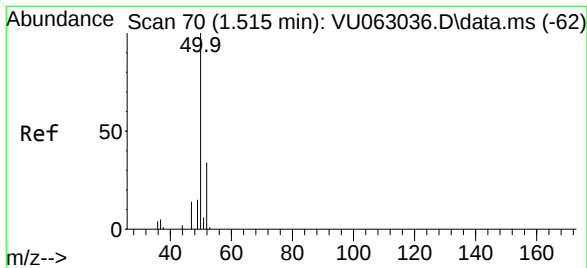
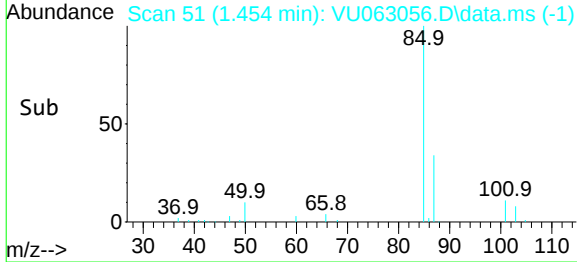
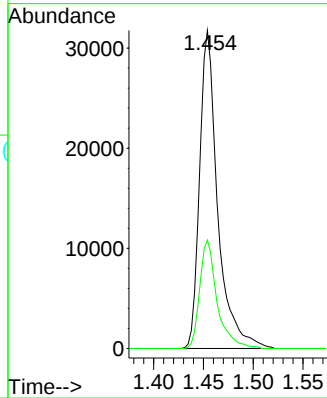
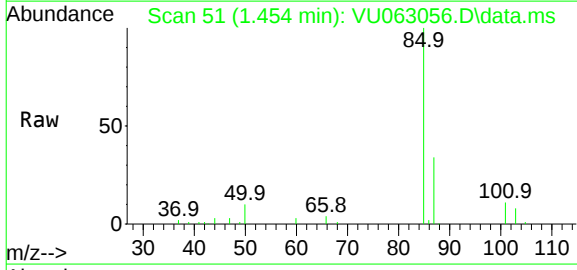
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Dichlorodifluoromethane
Concen: 3.483 ug/L
RT: 1.454 min Scan# 51
Delta R.T. 0.074 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

Instrument :
MSVOA_U
ClientSampleId :
E2964MSD

Tgt Ion: 85 Resp: 40059
Ion Ratio Lower Upper
85 100
87 32.8 26.1 39.1

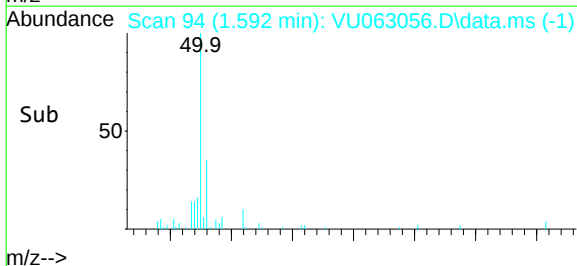
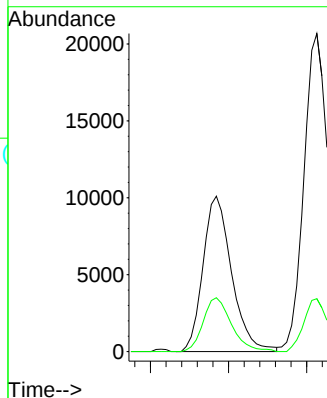
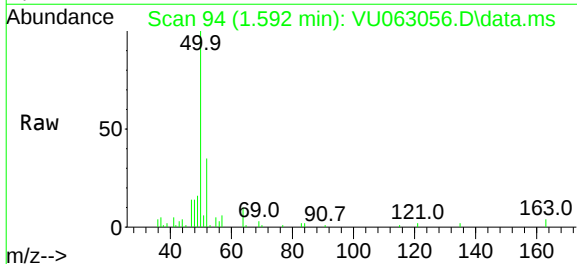
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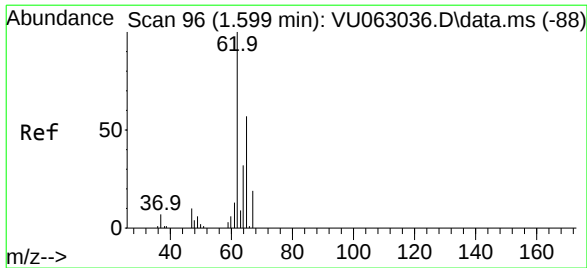
Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025



#3
Chloromethane
Concen: 2.329 ug/L m
RT: 1.592 min Scan# 94
Delta R.T. 0.077 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

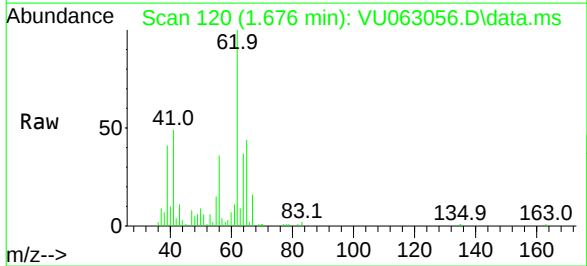
Tgt Ion: 50 Resp: 12883
Ion Ratio Lower Upper
50 100
52 34.7 24.1 44.7





#5
 Vinyl chloride
 Concen: 3.109 ug/L
 RT: 1.676 min Scan# 12
 Delta R.T. 0.077 min
 Lab File: VU063056.D
 Acq: 28 Jan 2025 08:33

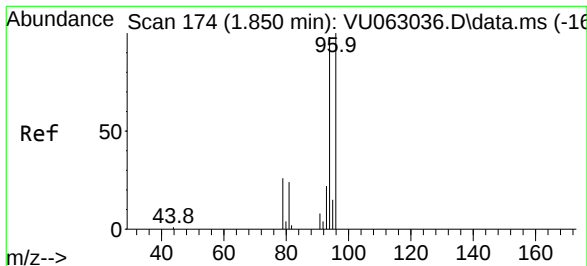
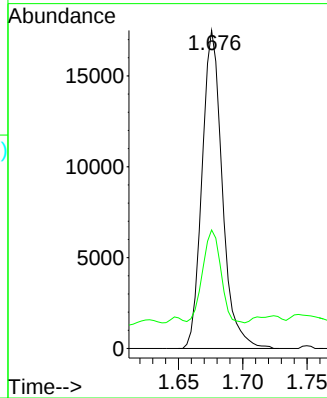
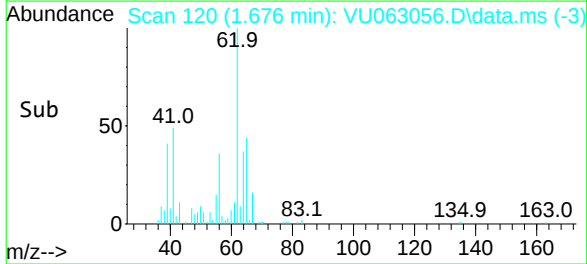
Instrument :
 MSVOA_U
 ClientSampleId :
 E2964MSD



Tgt Ion: 62 Resp: 19199
 Ion Ratio Lower Upper
 62 100
 64 37.3 23.4 43.4

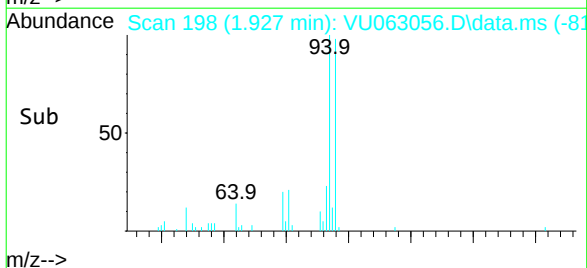
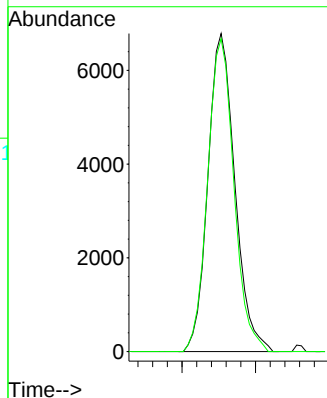
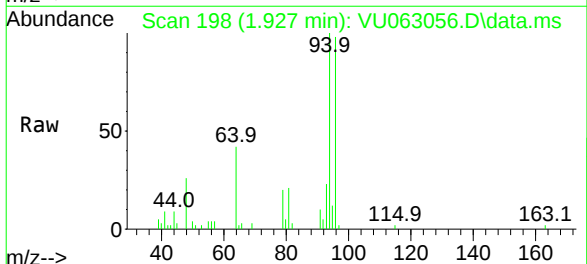
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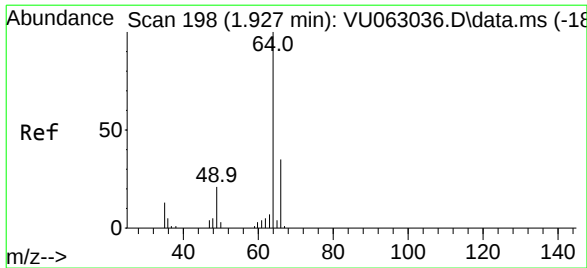
Reviewed By :Mahesh Dadoda 01/30/2025
 Supervised By :Semsettin Yesilyurt 01/30/2025



#6
 Bromomethane
 Concen: 2.923 ug/L
 RT: 1.927 min Scan# 198
 Delta R.T. 0.077 min
 Lab File: VU063056.D
 Acq: 28 Jan 2025 08:33

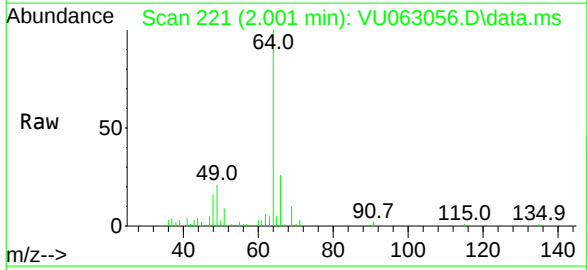
Tgt Ion: 94 Resp: 8636
 Ion Ratio Lower Upper
 94 100
 96 98.4 62.9 116.7





#8
Chloroethane
Concen: 4.801 ug/L
RT: 2.001 min Scan# 221
Delta R.T. 0.074 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

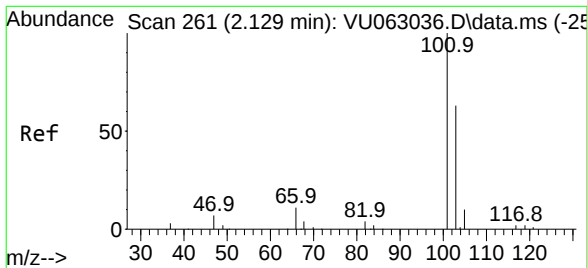
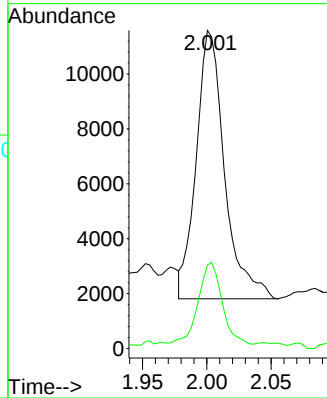
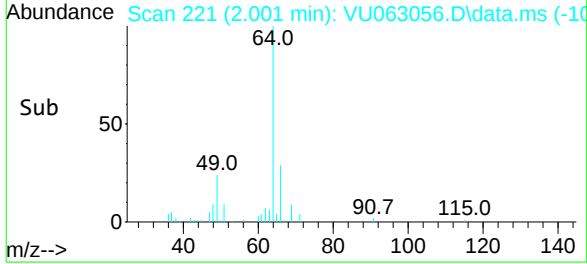
Instrument :
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ClientSampleId :
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Tgt Ion: 64 Resp: 14972
Ion Ratio Lower Upper
64 100
66 26.2 21.6 40.2

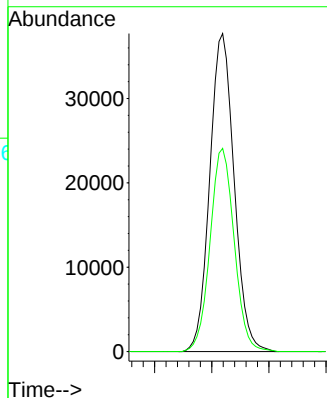
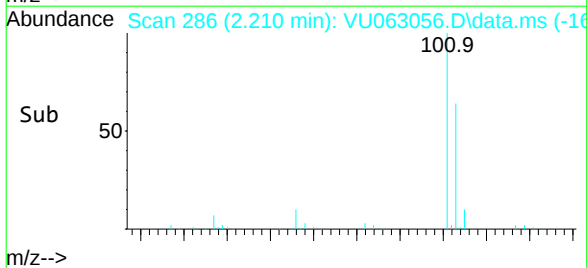
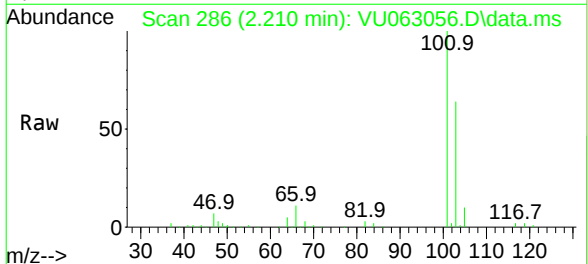
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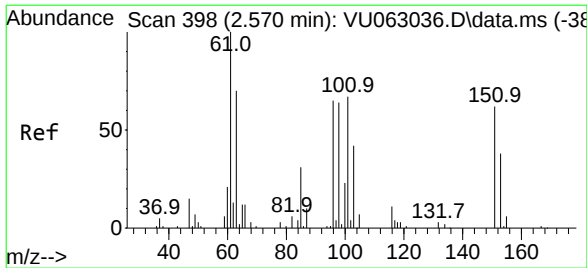
Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025



#9
Trichlorofluoromethane
Concen: 3.577 ug/L
RT: 2.210 min Scan# 286
Delta R.T. 0.080 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

Tgt Ion:101 Resp: 55843
Ion Ratio Lower Upper
101 100
103 63.3 51.4 77.0





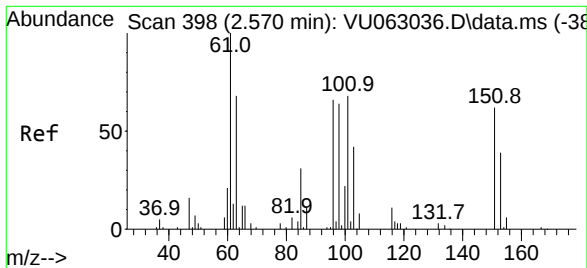
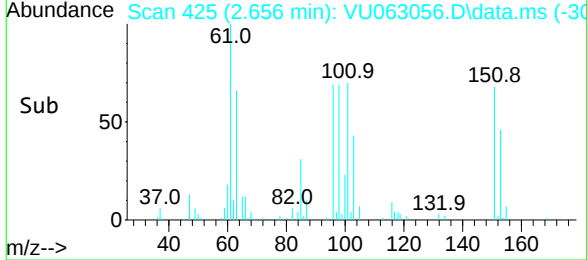
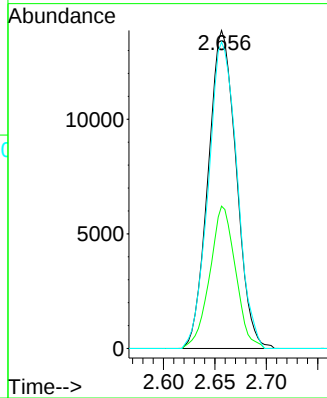
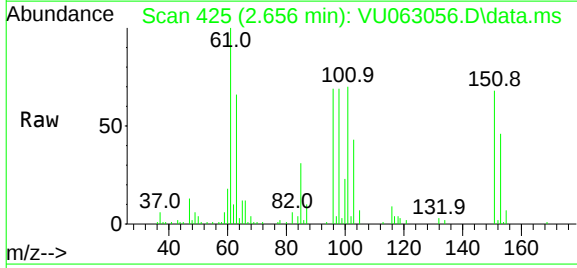
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.436 ug/L
RT: 2.656 min Scan# 425
Delta R.T. 0.087 min
Lab File: VU063056.D
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Tgt Ion	Ratio	Lower	Upper
101	100		
85	41.0	37.0	55.6
151	98.1	64.4	96.6

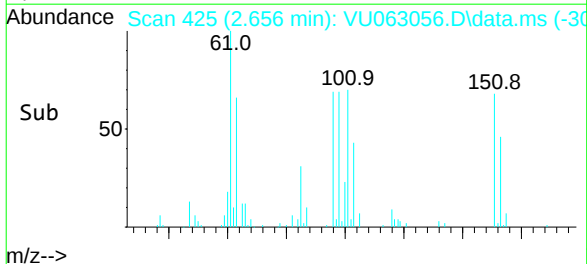
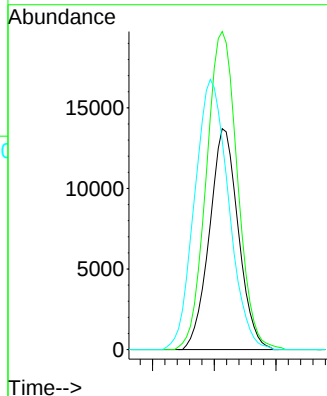
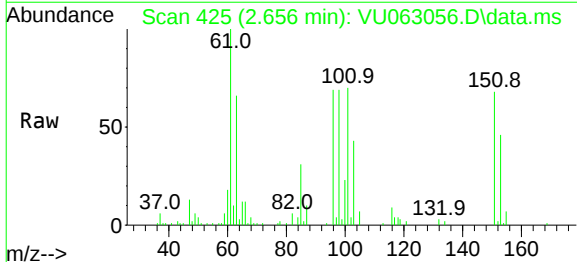
Manual Integrations
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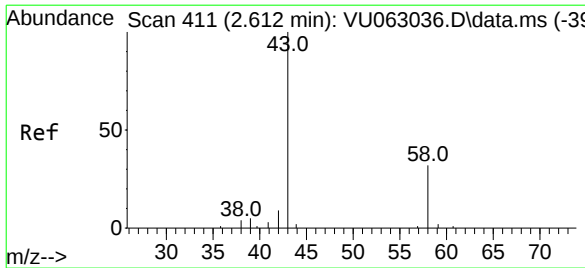
Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025



#12
1,1-Dichloroethene
Concen: 3.347 ug/L
RT: 2.656 min Scan# 425
Delta R.T. 0.087 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.0	120.4	223.6
63	94.5	82.3	152.9





#13

Acetone

Concen: 48.557 ug/L

RT: 2.782 min Scan# 46

Delta R.T. 0.170 min

Lab File: VU063056.D

Acq: 28 Jan 2025 08:33

Instrument :

MSVOA_U

ClientSampleId :

E2964MSD

Tgt Ion: 43 Resp: 42054

Ion Ratio Lower Upper

43 100

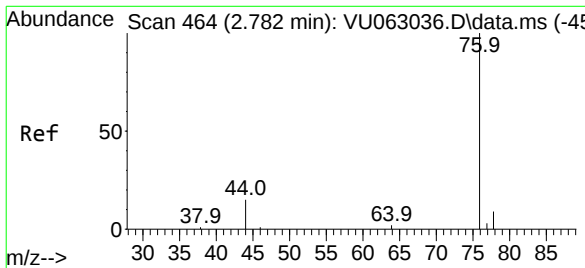
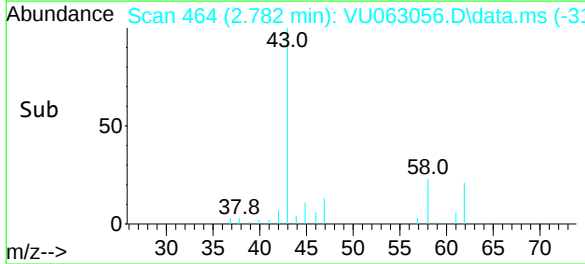
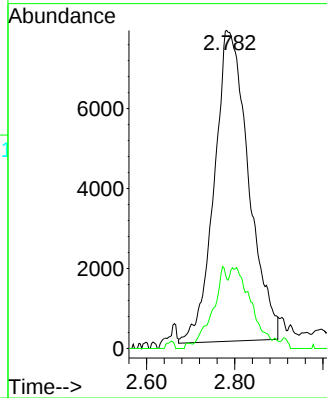
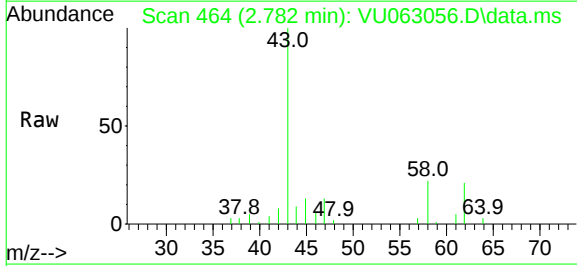
58 10.4 0.0 64.4

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#14

Carbon disulfide

Concen: 3.670 ug/L

RT: 2.869 min Scan# 491

Delta R.T. 0.087 min

Lab File: VU063056.D

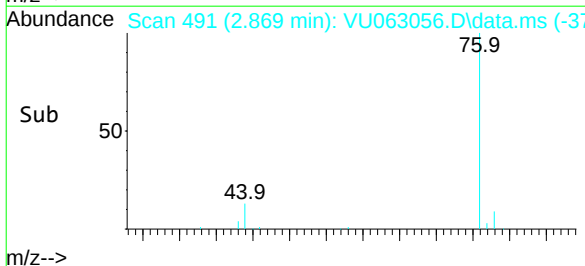
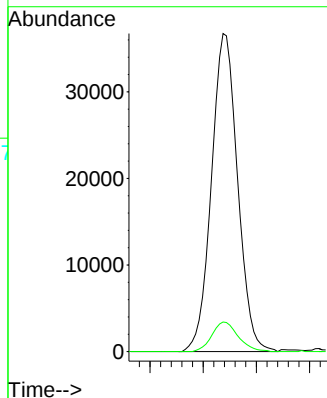
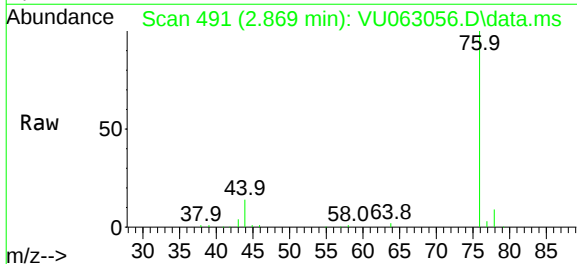
Acq: 28 Jan 2025 08:33

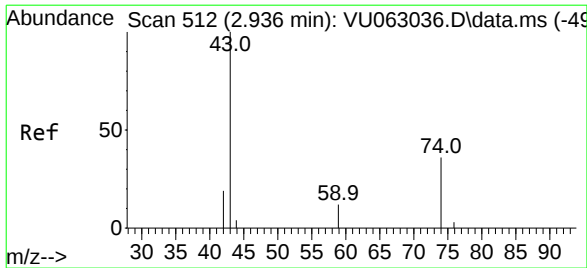
Tgt Ion: 76 Resp: 62702

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6





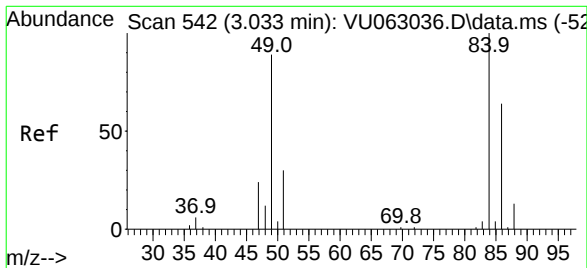
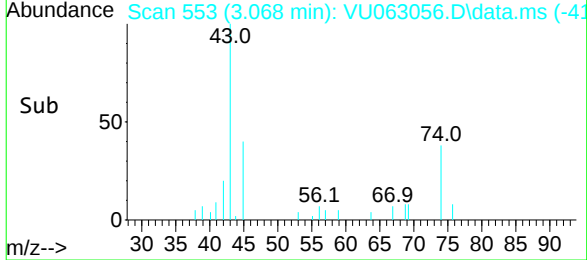
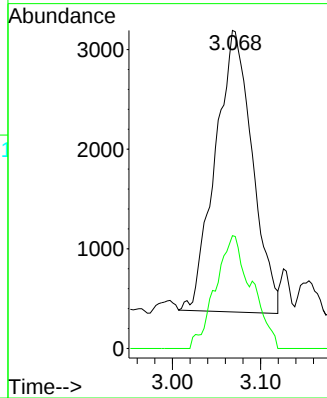
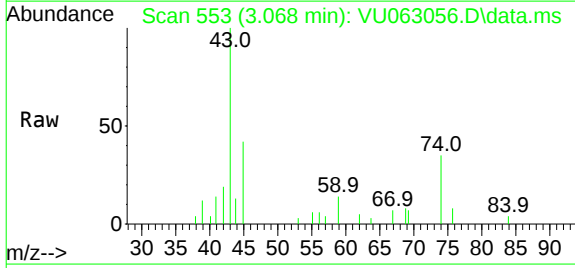
#15
Methyl Acetate
Concen: 4.957 ug/L
RT: 3.068 min Scan# 551
Delta R.T. 0.132 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

Instrument :
MSVOA_U
ClientSampleId :
E2964MSD

Tgt Ion: 43 Resp: 8244
Ion Ratio Lower Upper
43 100
74 39.0 24.4 36.6

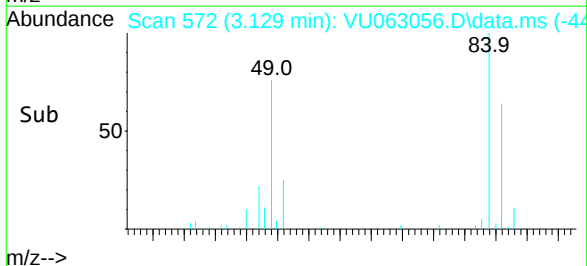
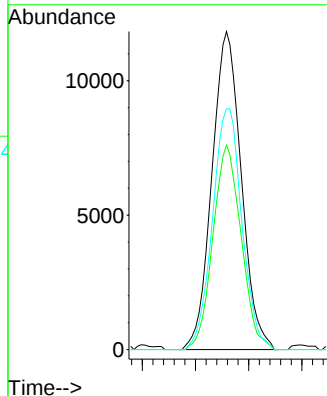
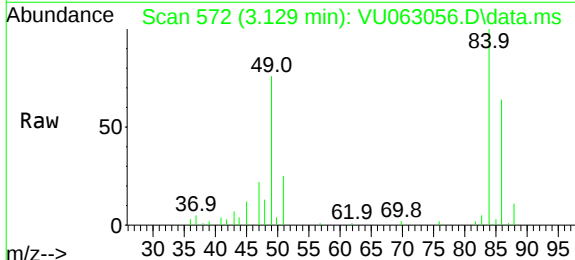
Manual Integrations
APPROVED

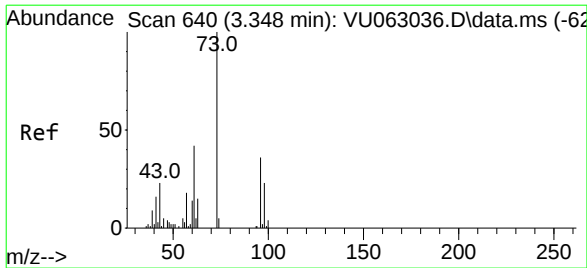
Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025



#16
Methylene chloride
Concen: 3.217 ug/L
RT: 3.129 min Scan# 572
Delta R.T. 0.096 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

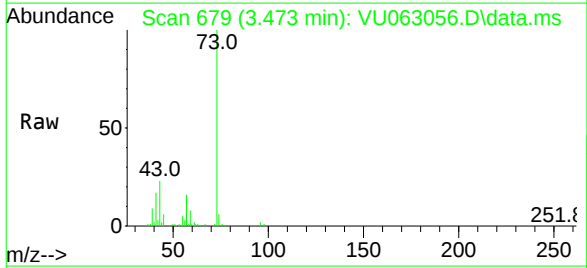
Tgt Ion: 84 Resp: 22618
Ion Ratio Lower Upper
84 100
86 64.3 44.7 83.1
49 79.2 68.3 126.9





#17
Methyl tert-butyl Ether
Concen: 3.055 ug/L
RT: 3.473 min Scan# 67
Delta R.T. 0.125 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

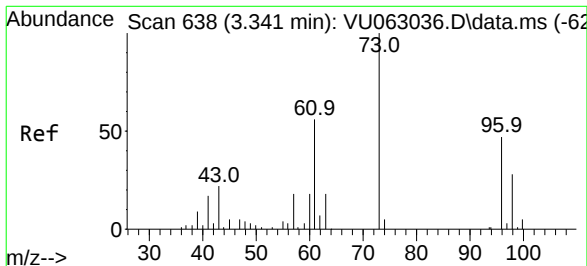
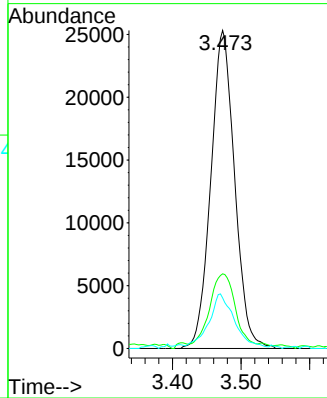
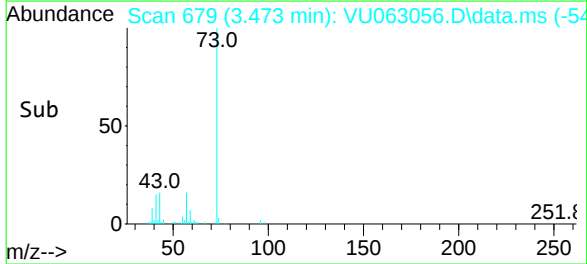
Instrument :
MSVOA_U
ClientSampleId :
E2964MSD



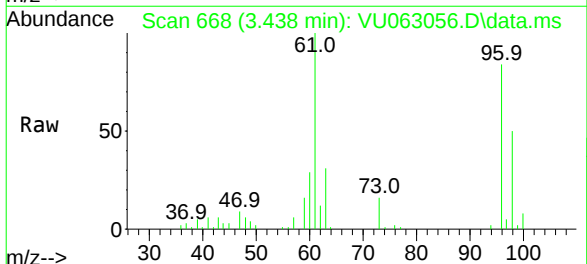
Tgt Ion: 73 Resp: 61032
Ion Ratio Lower Upper
73 100
43 24.0 16.2 24.4
57 17.6 14.6 22.0

Manual Integrations
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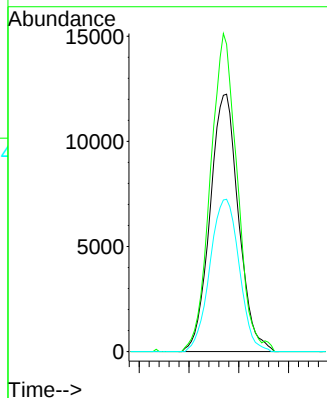
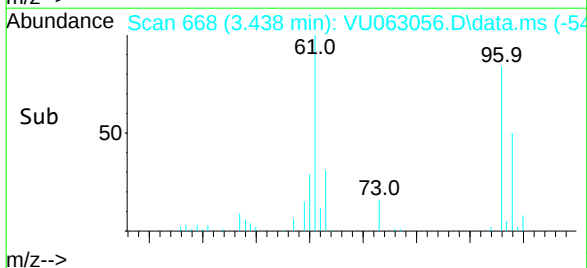
Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025

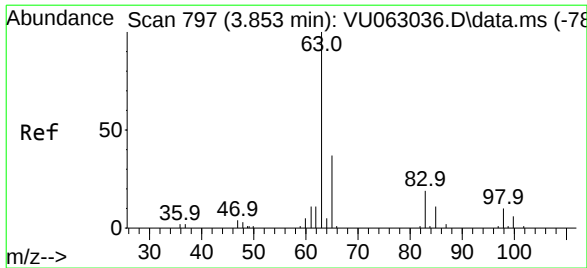


#18
trans-1,2-Dichloroethene
Concen: 3.409 ug/L
RT: 3.438 min Scan# 668
Delta R.T. 0.096 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33



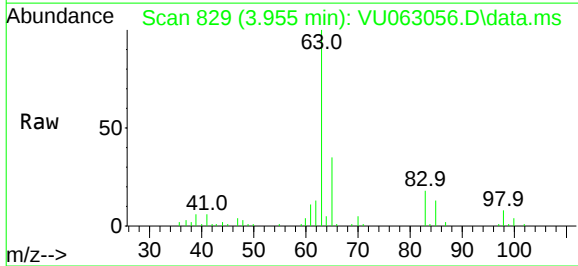
Tgt Ion: 96 Resp: 24330
Ion Ratio Lower Upper
96 100
61 119.4 94.4 175.2
98 59.2 42.8 79.4





#19
1,1-Dichloroethane
Concen: 3.285 ug/L
RT: 3.955 min Scan# 829
Delta R.T. 0.103 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

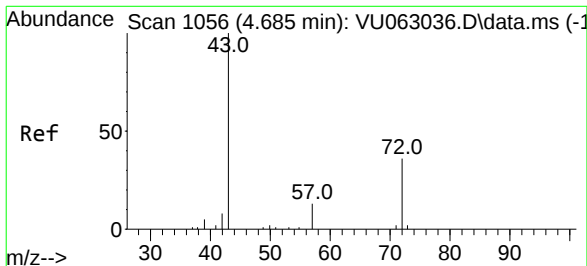
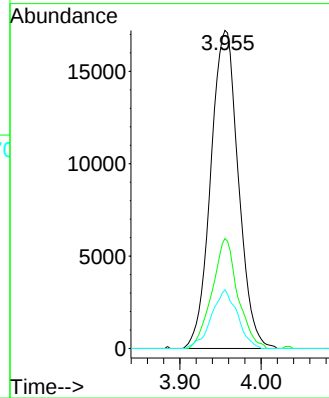
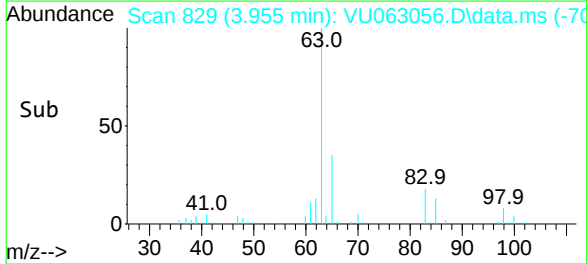
Instrument :
MSVOA_U
ClientSampleId :
E2964MSD



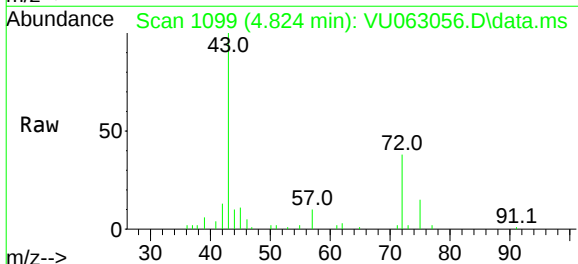
Tgt Ion: 63 Resp: 40638
Ion Ratio Lower Upper
63 100
65 34.6 20.7 38.5
83 18.4 10.5 19.5

Manual Integrations
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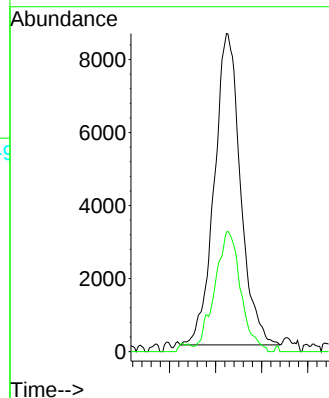
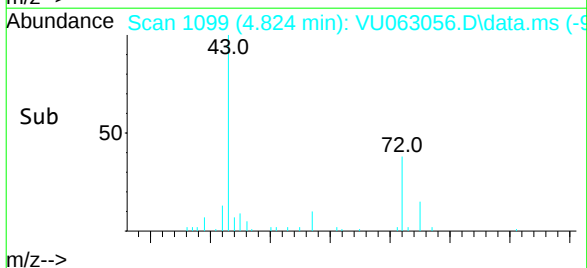
Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025

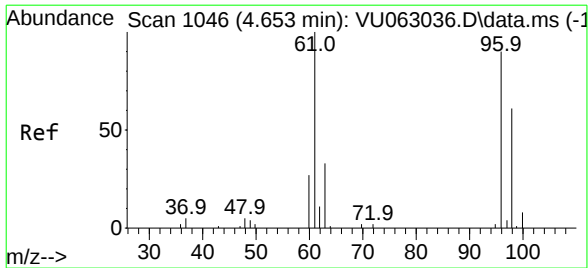


#21
2-Butanone
Concen: 28.570 ug/L
RT: 4.824 min Scan# 1099
Delta R.T. 0.138 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33



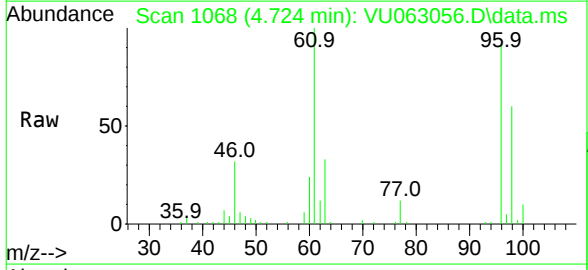
Tgt Ion: 43 Resp: 33748
Ion Ratio Lower Upper
43 100
72 38.4 17.1 51.2





#22
 cis-1,2-Dichloroethene
 Concen: 3.079 ug/L
 RT: 4.724 min Scan# 1046
 Delta R.T. 0.071 min
 Lab File: VU063056.D
 Acq: 28 Jan 2025 08:33

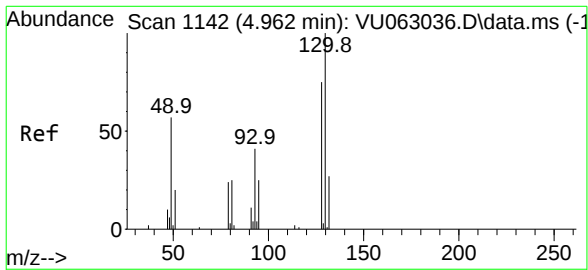
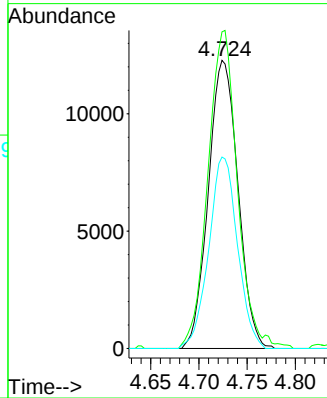
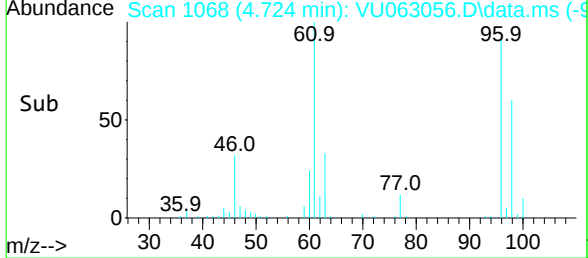
Instrument :
 MSVOA_U
 ClientSampleId :
 E2964MSD



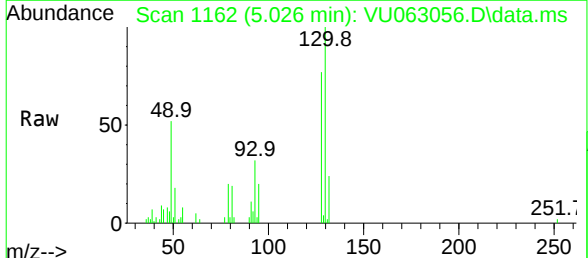
Tgt Ion: 96 Resp: 26264
 Ion Ratio Lower Upper
 96 100
 61 109.9 84.8 157.6
 98 66.4 43.1 80.1

Manual Integrations
 APPROVED

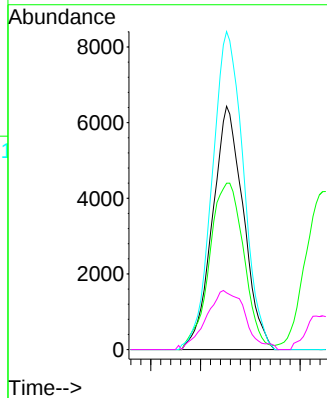
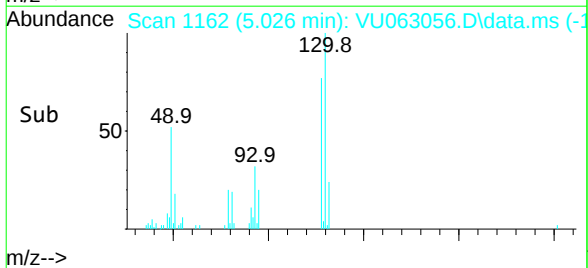
Reviewed By :Mahesh Dadoda 01/30/2025
 Supervised By :Semsettin Yesilyurt 01/30/2025

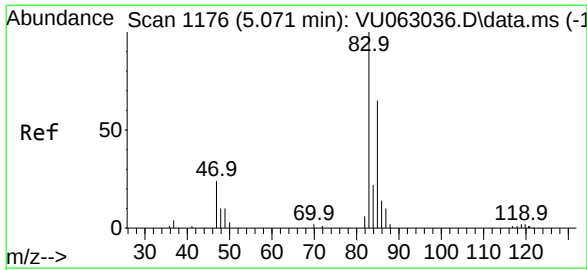


#23
 Bromochloromethane
 Concen: 3.240 ug/L
 RT: 5.026 min Scan# 1162
 Delta R.T. 0.064 min
 Lab File: VU063056.D
 Acq: 28 Jan 2025 08:33



Tgt Ion:128 Resp: 13867
 Ion Ratio Lower Upper
 128 100
 49 68.4 81.1 150.7#
 130 130.7 94.9 176.3
 51 23.3 30.6 46.0#





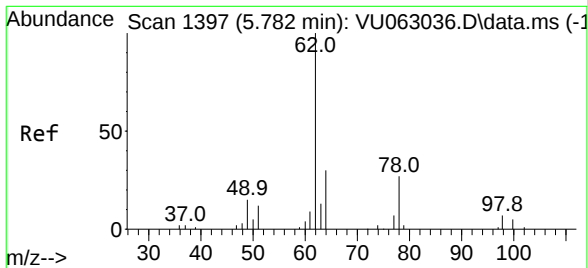
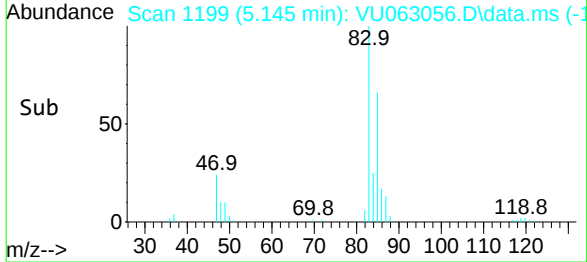
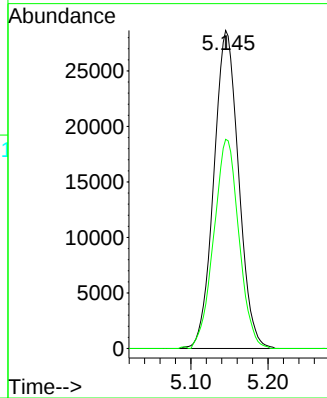
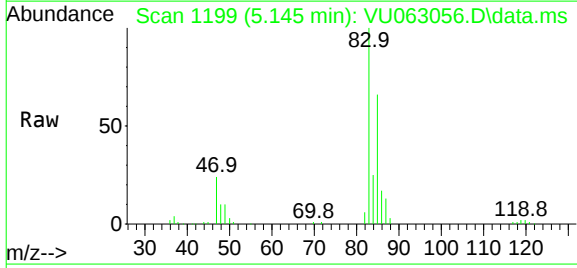
#25
Chloroform
Concen: 3.582 ug/L
RT: 5.145 min Scan# 1176
Delta R.T. 0.074 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

Instrument :
MSVOA_U
ClientSampleId :
E2964MSD

Tgt Ion: 83 Resp: 64017
Ion Ratio Lower Upper
83 100
85 65.8 45.8 85.2

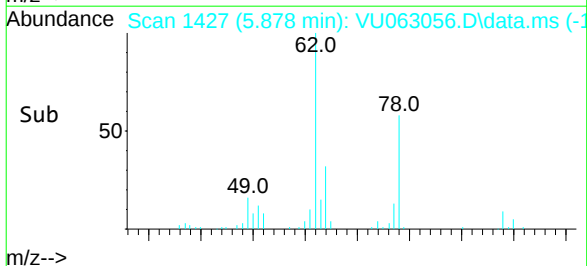
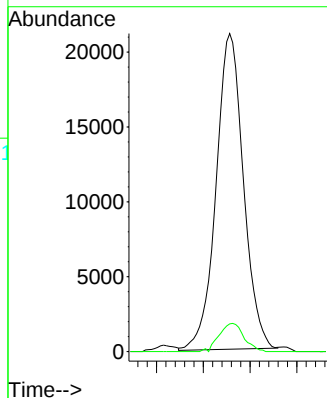
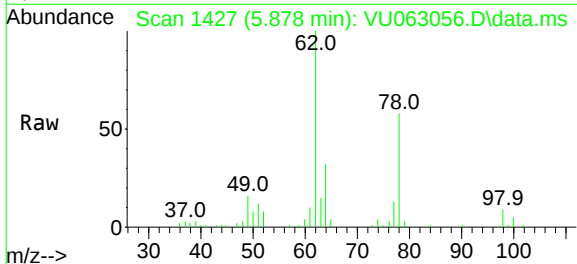
Manual Integrations
APPROVED

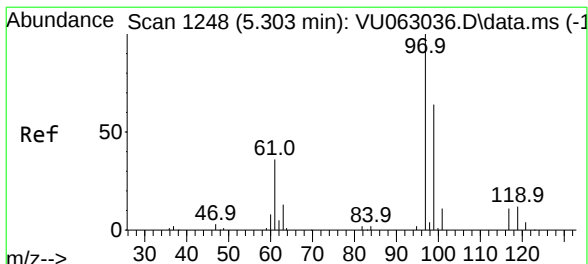
Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025



#27
1,2-Dichloroethane
Concen: 3.418 ug/L
RT: 5.878 min Scan# 1427
Delta R.T. 0.096 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

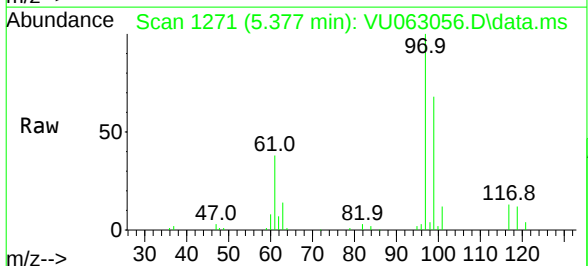
Tgt Ion: 62 Resp: 42822
Ion Ratio Lower Upper
62 100
98 8.7 5.8 8.6#





#29
 1,1,1-Trichloroethane
 Concen: 3.779 ug/L
 RT: 5.377 min Scan# 12
 Delta R.T. 0.074 min
 Lab File: VU063056.D
 Acq: 28 Jan 2025 08:33

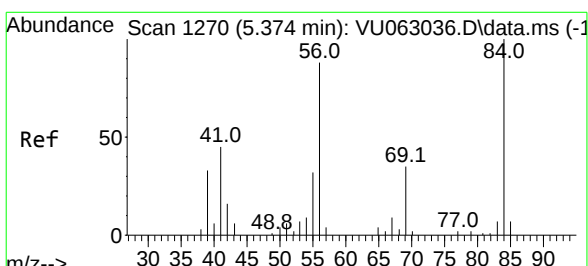
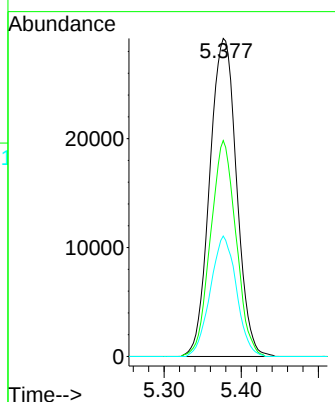
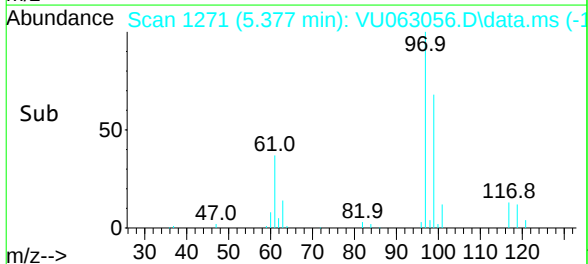
Instrument :
 MSVOA_U
 ClientSampleId :
 E2964MSD



Tgt Ion:	97	Resp:	70591
Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.4	78.6
61	36.8	32.2	48.4

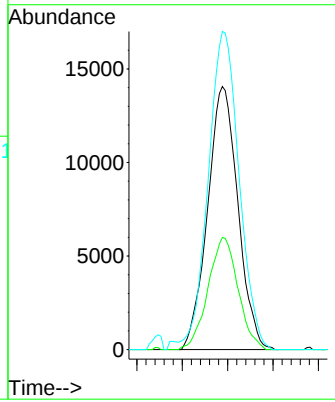
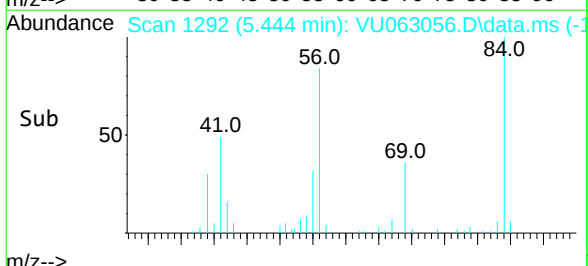
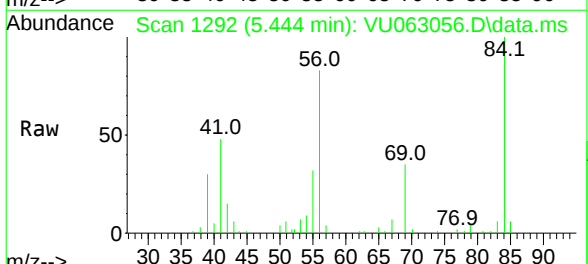
Manual Integrations
 APPROVED

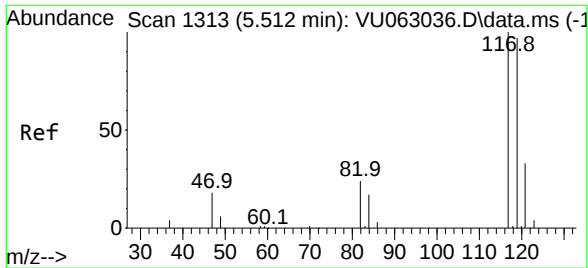
Reviewed By :Mahesh Dadoda 01/30/2025
 Supervised By :Semsettin Yesilyurt 01/30/2025



#30
 Cyclohexane
 Concen: 3.752 ug/L
 RT: 5.444 min Scan# 1292
 Delta R.T. 0.071 min
 Lab File: VU063056.D
 Acq: 28 Jan 2025 08:33

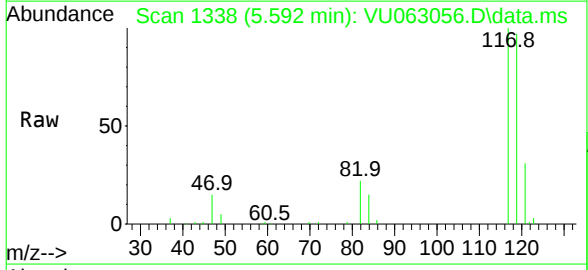
Tgt Ion:	56	Resp:	32652
Ion	Ratio	Lower	Upper
56	100		
69	42.1	28.3	42.5
84	123.0	76.5	114.7





#31
Carbon tetrachloride
Concen: 3.716 ug/L
RT: 5.592 min Scan# 1317
Delta R.T. 0.080 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

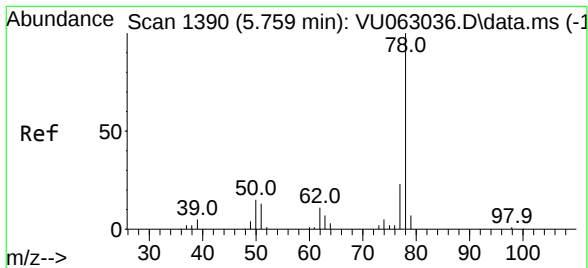
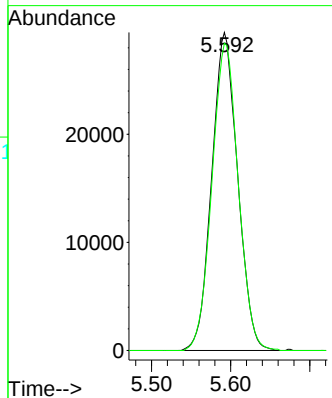
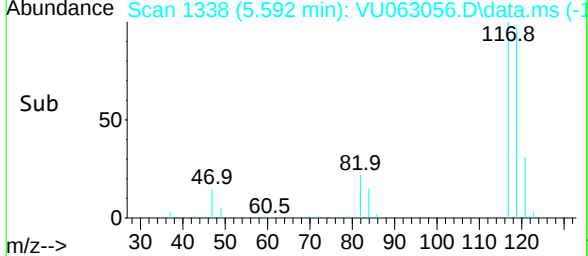
Instrument : MSVOA_U
ClientSampleId : E2964MSD



Tgt Ion:117 Resp: 66837
Ion Ratio Lower Upper
117 100
119 98.4 78.6 118.0

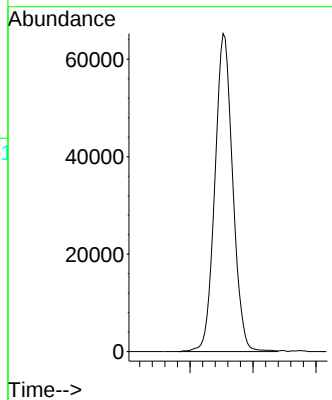
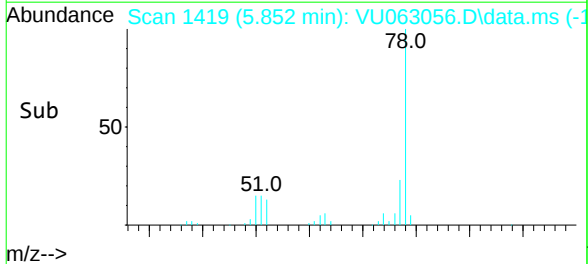
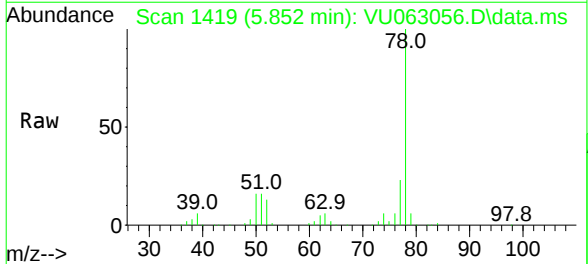
Manual Integrations
APPROVED

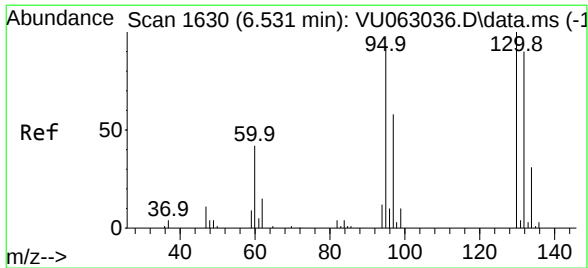
Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025



#33
Benzene
Concen: 4.408 ug/L
RT: 5.852 min Scan# 1419
Delta R.T. 0.093 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

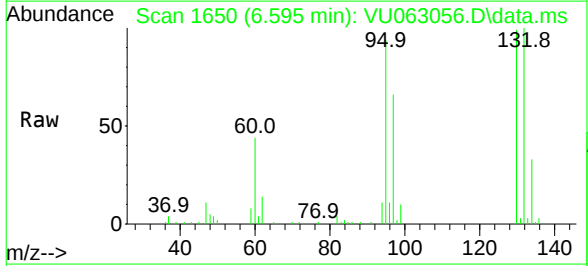
Tgt Ion: 78 Resp: 128662





#34
Trichloroethene
Concen: 4.802 ug/L
RT: 6.595 min Scan# 1616
Delta R.T. 0.064 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

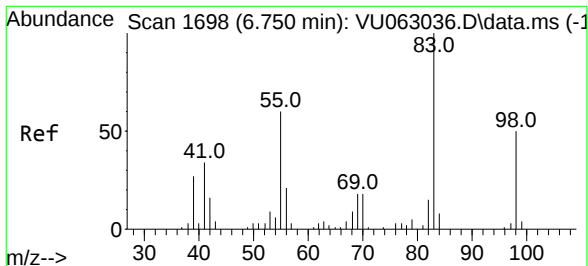
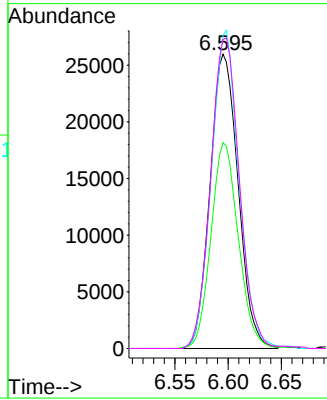
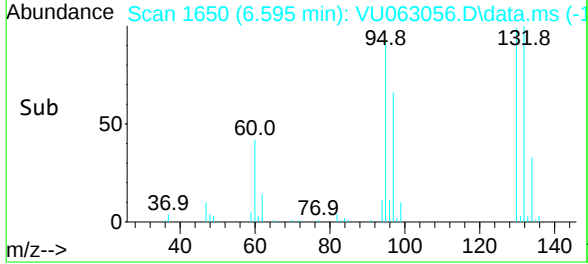
Instrument :
MSVOA_U
ClientSampleId :
E2964MSD



Tgt Ion: 95 Resp: 47626
Ion Ratio Lower Upper
95 100
97 69.9 47.5 88.3
132 106.4 66.9 124.3
130 105.0 68.6 127.4

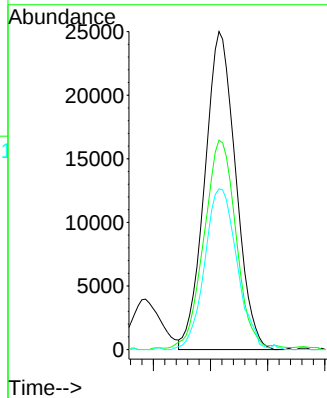
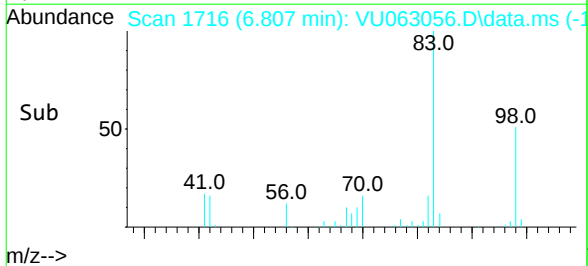
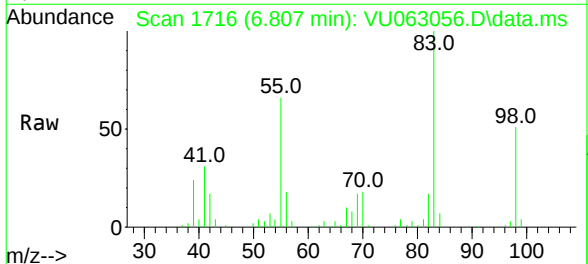
Manual Integrations
APPROVED

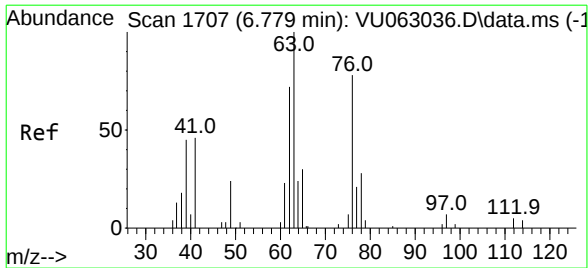
Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025



#35
Methylcyclohexane
Concen: 3.770 ug/L
RT: 6.807 min Scan# 1716
Delta R.T. 0.058 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

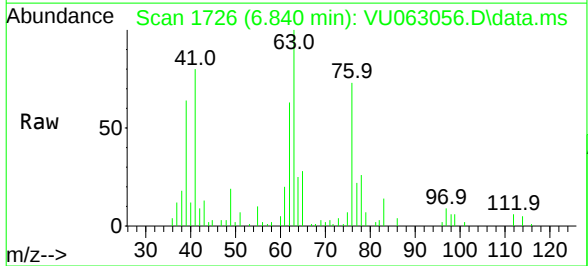
Tgt Ion: 83 Resp: 47117
Ion Ratio Lower Upper
83 100
55 67.0 57.2 85.8
98 52.7 36.6 55.0





#37
1,2-Dichloropropane
Concen: 3.345 ug/L m
RT: 6.840 min Scan# 17
Delta R.T. 0.061 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

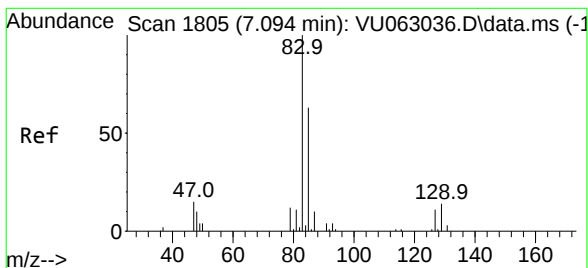
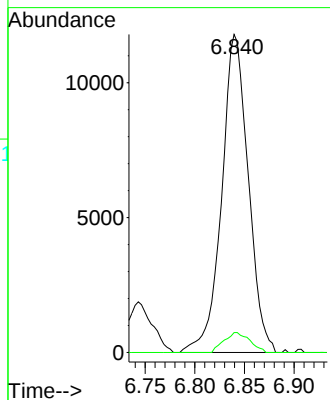
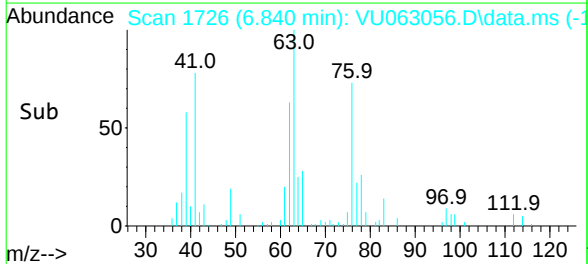
Instrument :
MSVOA_U
ClientSampleId :
E2964MSD



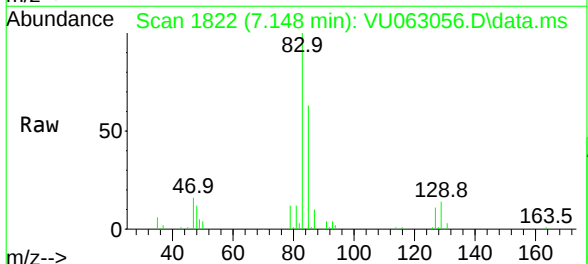
Tgt Ion: 63 Resp: 21958
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#

Manual Integrations
APPROVED

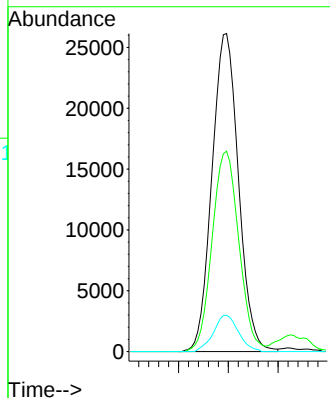
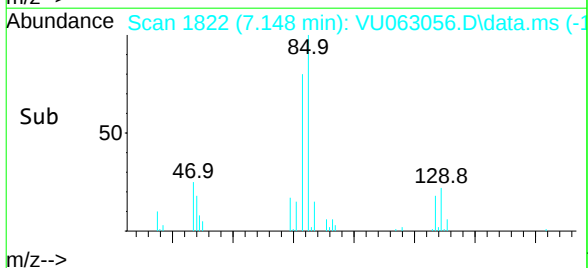
Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025

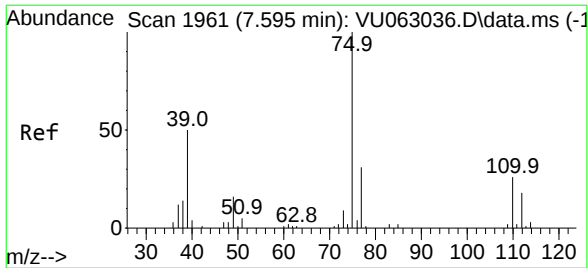


#38
Bromodichloromethane
Concen: 3.679 ug/L
RT: 7.148 min Scan# 1822
Delta R.T. 0.054 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33



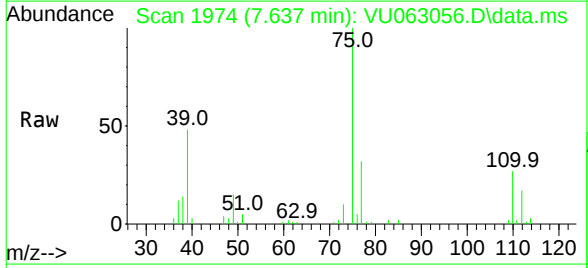
Tgt Ion: 83 Resp: 48390
Ion Ratio Lower Upper
83 100
85 63.0 44.2 82.0
127 11.4 7.8 11.8





#39
 cis-1,3-Dichloropropene
 Concen: 3.661 ug/L
 RT: 7.637 min Scan# 1961
 Delta R.T. 0.042 min
 Lab File: VU063056.D
 Acq: 28 Jan 2025 08:33

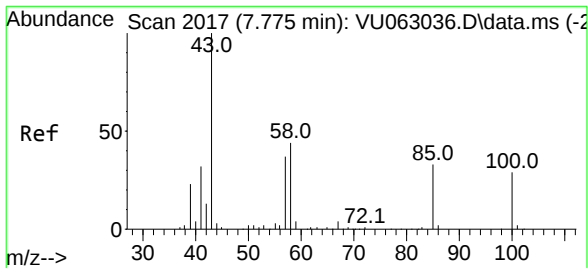
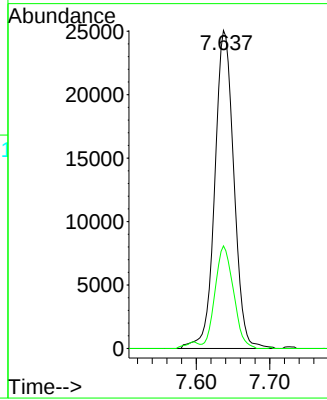
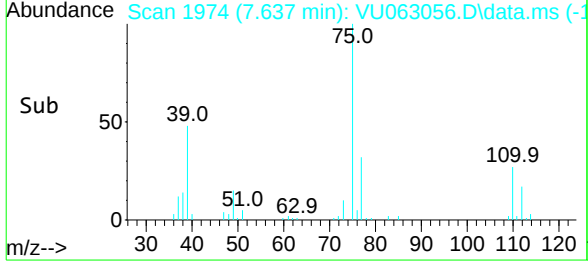
Instrument :
 MSVOA_U
 ClientSampleId :
 E2964MSD



Tgt Ion: 75 Resp: 45243
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.3 41.3

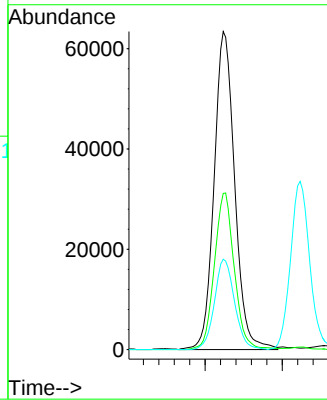
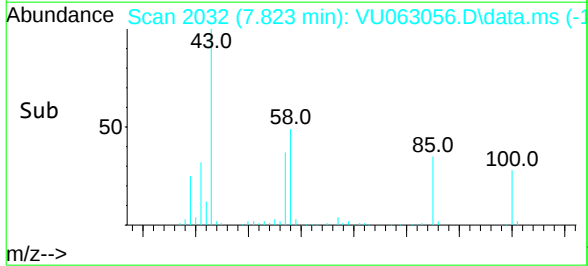
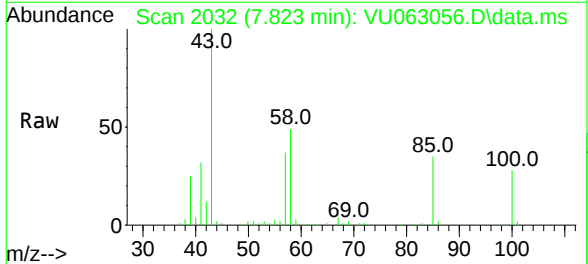
Manual Integrations
 APPROVED

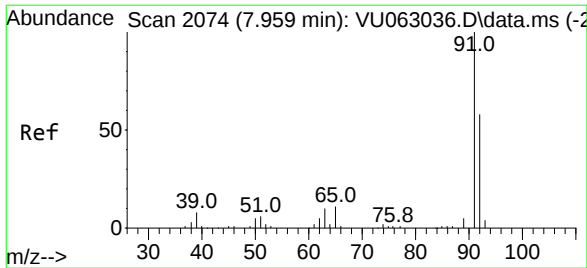
Reviewed By :Mahesh Dadoda 01/30/2025
 Supervised By :Semsettin Yesilyurt 01/30/2025



#40
 4-Methyl-2-pentanone
 Concen: 37.113 ug/L
 RT: 7.823 min Scan# 2032
 Delta R.T. 0.048 min
 Lab File: VU063056.D
 Acq: 28 Jan 2025 08:33

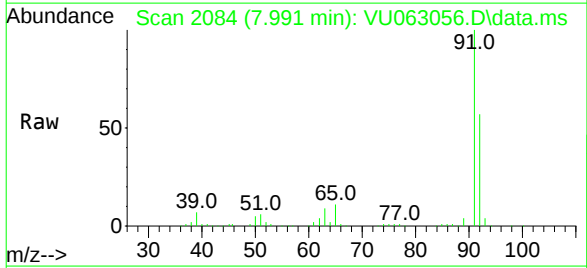
Tgt Ion: 43 Resp: 117531
 Ion Ratio Lower Upper
 43 100
 58 47.6 35.8 53.8
 100 27.7 16.8 25.2#





#42
Toluene
Concen: 8.151 ug/L
RT: 7.991 min Scan# 2074
Delta R.T. 0.032 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

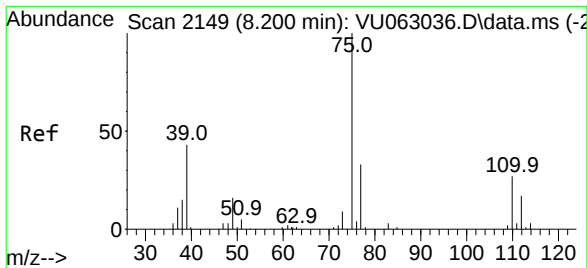
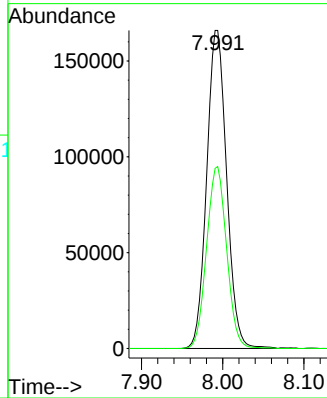
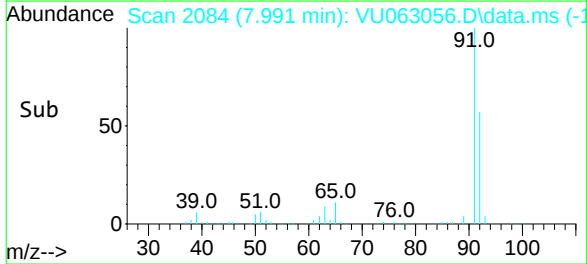
Instrument :
MSVOA_U
ClientSampleId :
E2964MSD



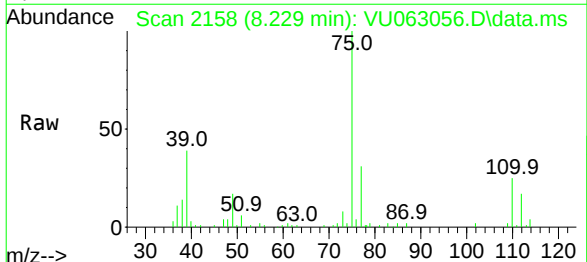
Tgt Ion: 91 Resp: 282784
Ion Ratio Lower Upper
91 100
92 56.6 40.4 75.0

Manual Integrations
APPROVED

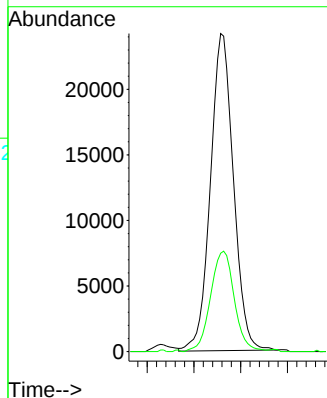
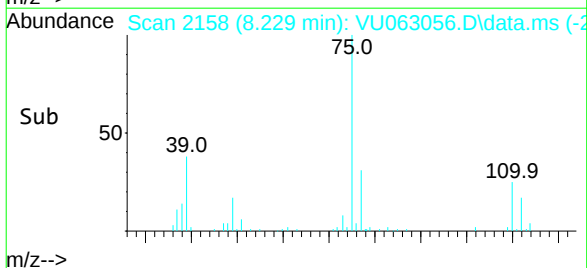
Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025

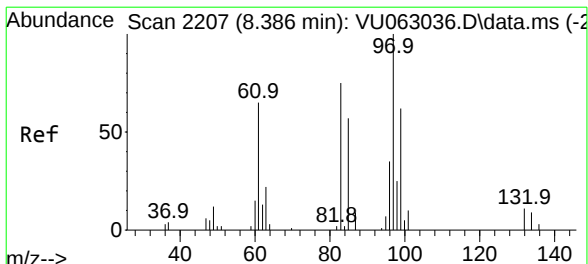


#44
trans-1,3-Dichloropropene
Concen: 3.634 ug/L
RT: 8.229 min Scan# 2158
Delta R.T. 0.029 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33



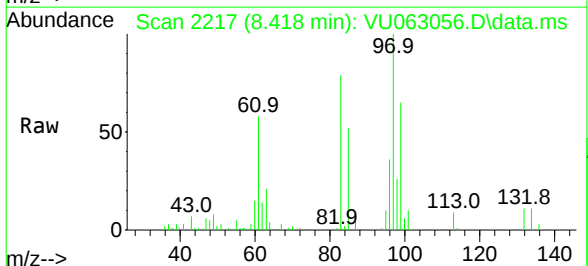
Tgt Ion: 75 Resp: 41376
Ion Ratio Lower Upper
75 100
77 30.9 21.8 40.6





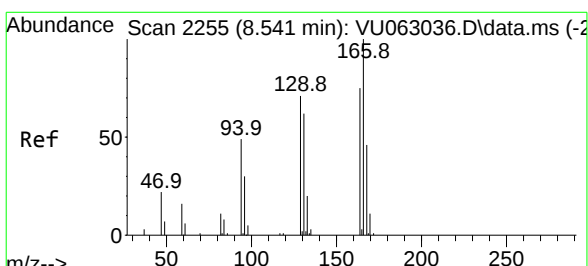
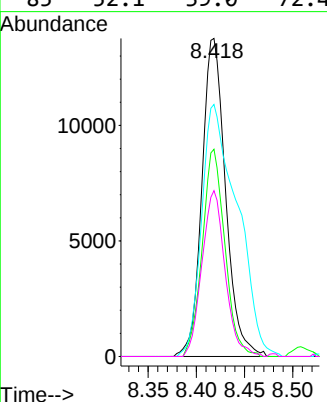
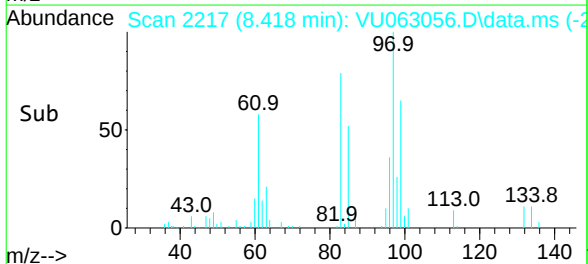
#45
 1,1,2-Trichloroethane
 Concen: 3.799 ug/L
 RT: 8.418 min Scan# 2217
 Delta R.T. 0.032 min
 Lab File: VU063056.D
 Acq: 28 Jan 2025 08:33

Instrument : MSVOA_U
 ClientSampleId : E2964MSD

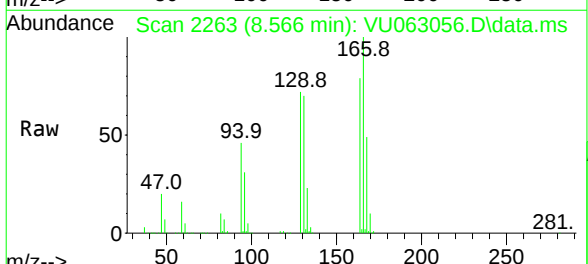


Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	45.6	84.6
83	79.3	63.0	117.0
85	52.1	39.0	72.4

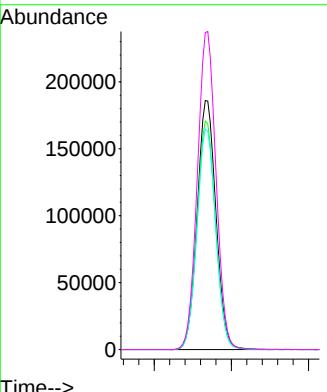
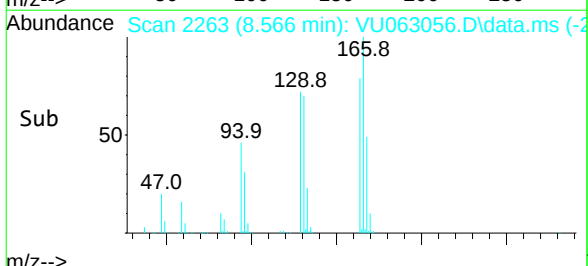
Manual Integrations
APPROVED
 Reviewed By :Mahesh Dadoda 01/30/2025
 Supervised By :Semsettin Yesilyurt 01/30/2025

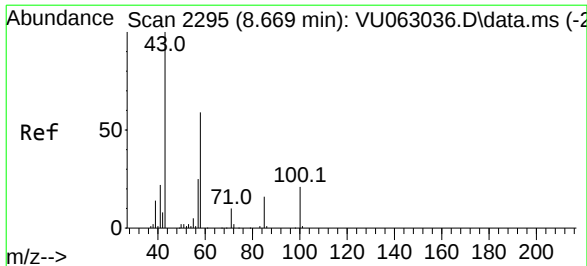


#47
 Tetrachloroethene
 Concen: 36.455 ug/L
 RT: 8.566 min Scan# 2263
 Delta R.T. 0.026 min
 Lab File: VU063056.D
 Acq: 28 Jan 2025 08:33



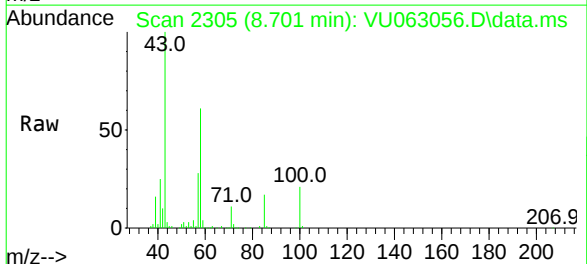
Tgt Ion	Ratio	Lower	Upper
164	100		
129	91.7	71.0	131.9
131	88.5	69.4	129.0
166	127.2	92.7	172.3





#48
2-Hexanone
Concen: 35.333 ug/L m
RT: 8.701 min Scan# 2313
Delta R.T. 0.032 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

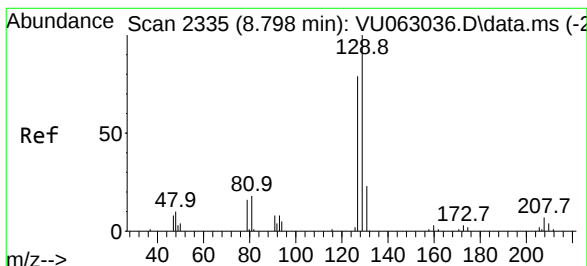
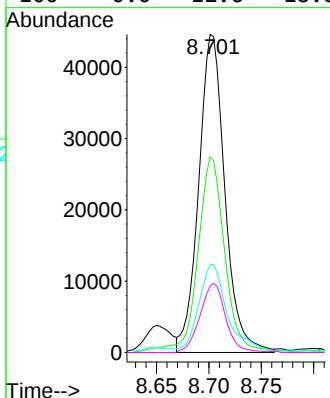
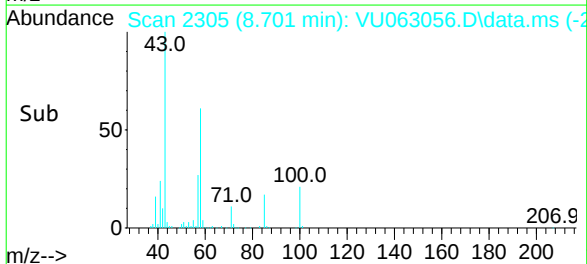
Instrument :
MSVOA_U
ClientSampleId :
E2964MSD



Tgt Ion: 43 Resp: 77613
Ion Ratio Lower Upper
43 100
58 0.0 50.2 75.4#
57 1.4 19.9 29.9#
100 0.0 12.6 18.8#

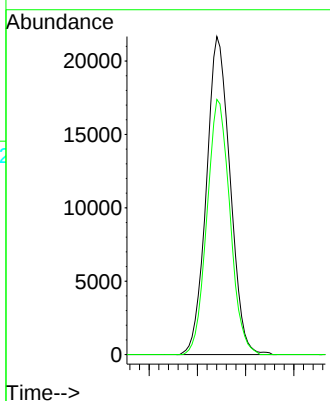
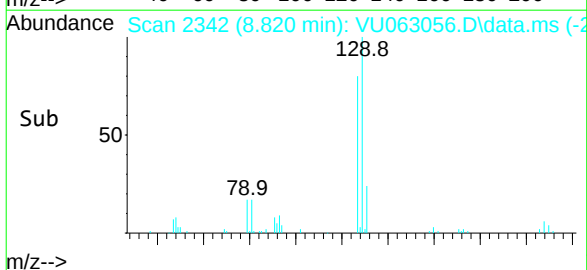
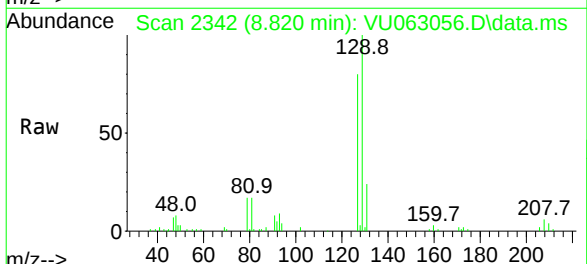
Manual Integrations
APPROVED

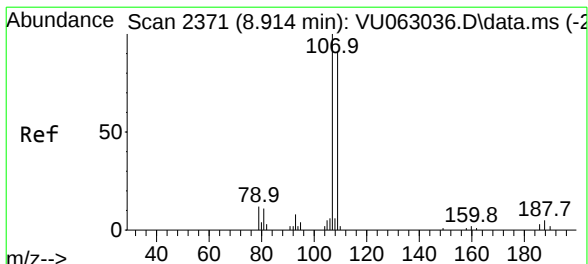
Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025



#49
Dibromochloromethane
Concen: 3.843 ug/L
RT: 8.820 min Scan# 2342
Delta R.T. 0.022 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

Tgt Ion:129 Resp: 37056
Ion Ratio Lower Upper
129 100
127 80.2 52.1 96.9





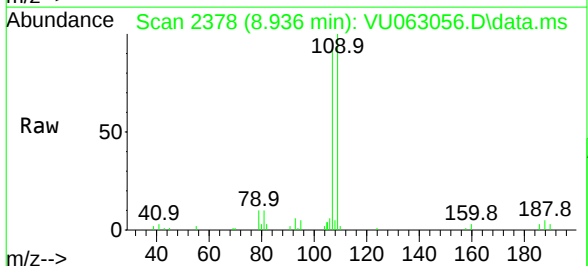
#50
1,2-Dibromoethane
Concen: 3.793 ug/L
RT: 8.936 min Scan# 2371
Delta R.T. 0.022 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

Instrument :

MSVOA_U

ClientSampleId :

E2964MSD

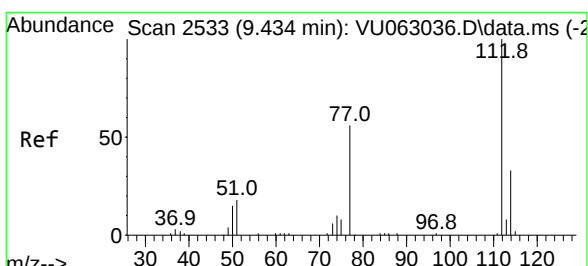
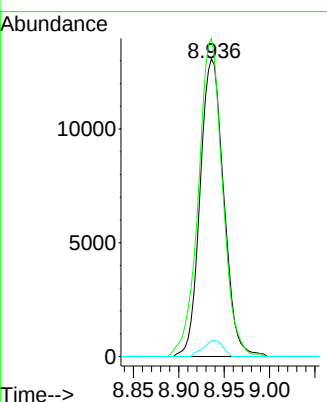
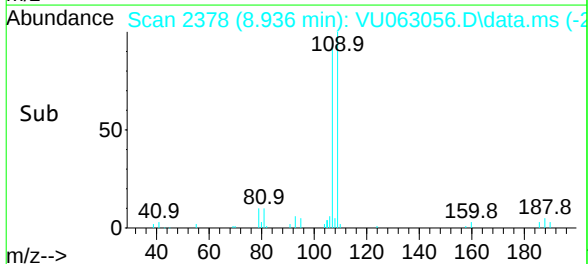


Tgt Ion:	107	Resp:	23671
Ion	Ratio	Lower	Upper
107	100		
109	106.9	65.7	121.9
188	5.3	3.4	5.2#

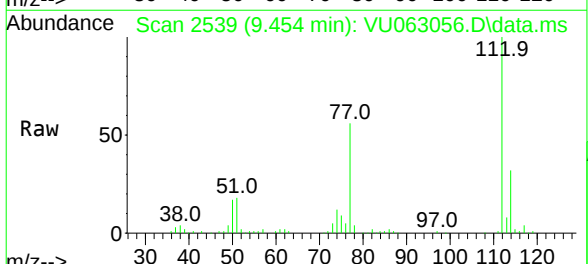
Manual Integrations

APPROVED

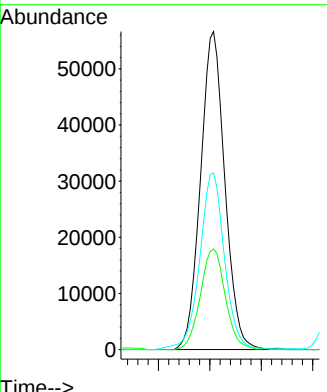
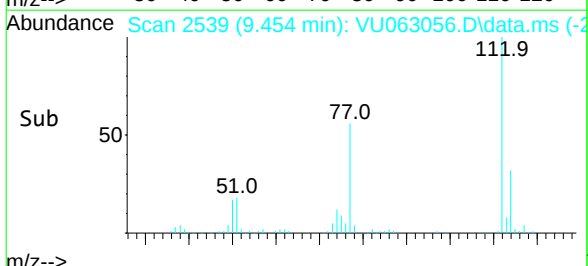
Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025

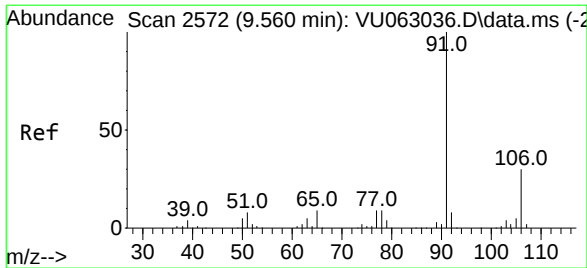


#51
Chlorobenzene
Concen: 3.855 ug/L
RT: 9.454 min Scan# 2539
Delta R.T. 0.019 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33



Tgt Ion:	112	Resp:	92746
Ion	Ratio	Lower	Upper
112	100		
114	31.6	21.7	40.3
77	55.5	48.6	73.0





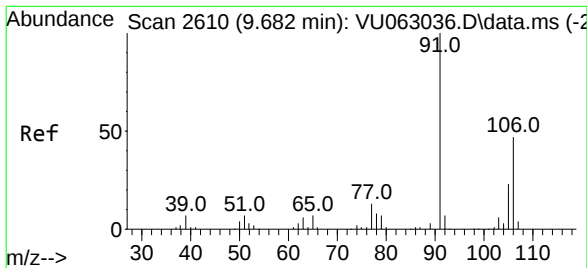
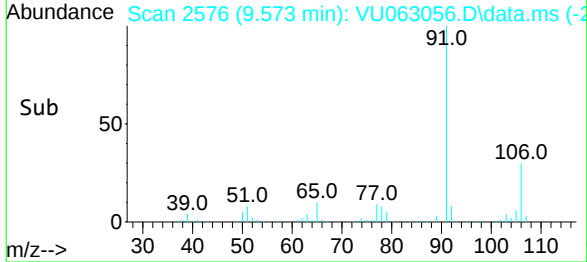
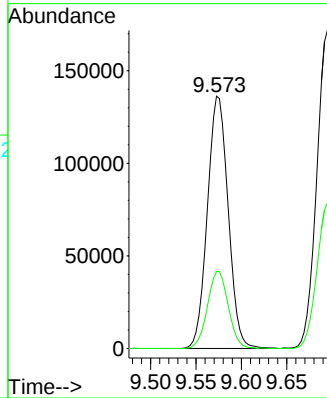
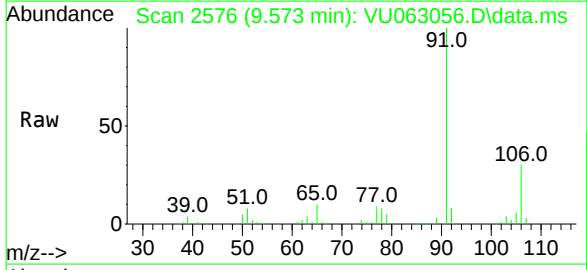
#52
Ethylbenzene
Concen: 5.369 ug/L
RT: 9.573 min Scan# 2572
Delta R.T. 0.013 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

Instrument :
MSVOA_U
ClientSampleId :
E2964MSD

Tgt Ion: 91 Resp: 217083
Ion Ratio Lower Upper
91 100
106 30.5 21.9 40.7

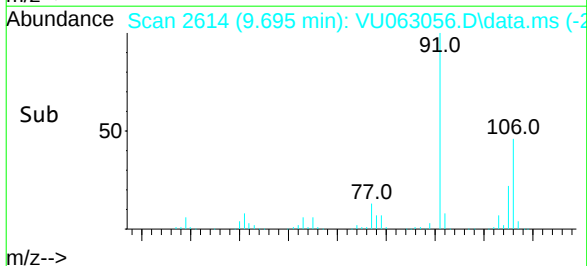
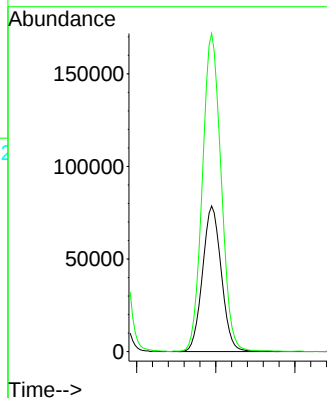
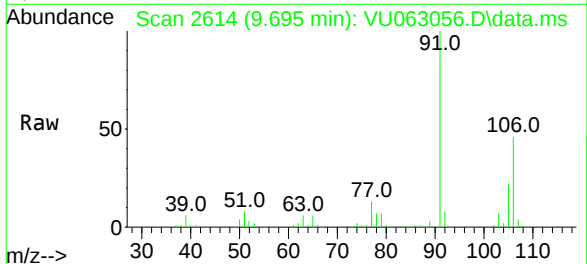
Manual Integrations
APPROVED

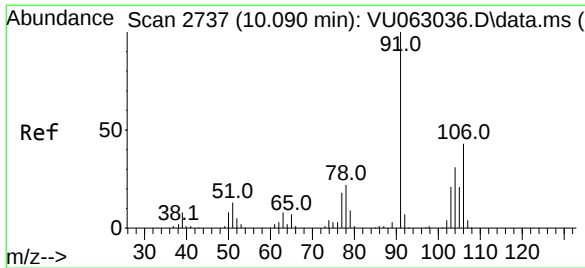
Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025



#53
m,p-Xylene
Concen: 8.300 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.013 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

Tgt Ion:106 Resp: 129597
Ion Ratio Lower Upper
106 100
91 218.4 153.1 284.3





#54

o-Xylene

Concen: 6.980 ug/L

RT: 10.100 min Scan# 2737

Delta R.T. 0.009 min

Lab File: VU063056.D

Acq: 28 Jan 2025 08:33

Instrument :

MSVOA_U

ClientSampleId :

E2964MSD

Tgt Ion:106 Resp: 99848

Ion Ratio Lower Upper

106 100

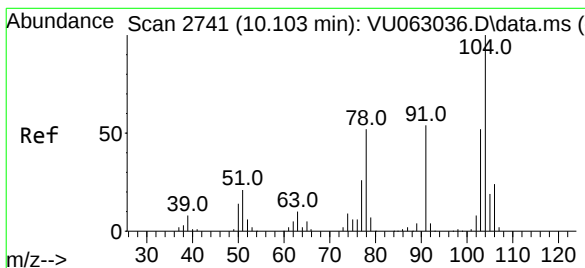
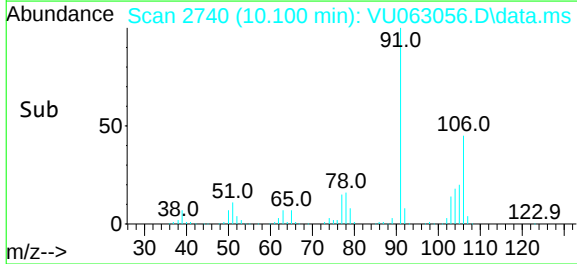
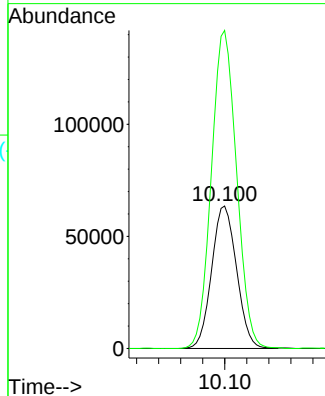
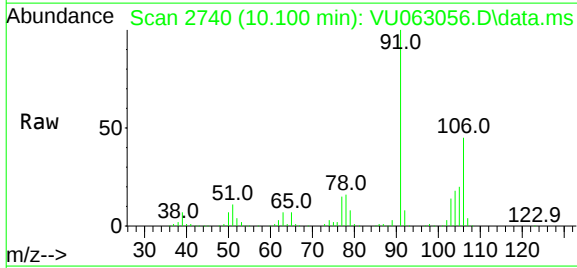
91 223.2 160.4 297.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2025

Supervised By :Semsettin Yesilyurt 01/30/2025



#55

Styrene

Concen: 4.294 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.009 min

Lab File: VU063056.D

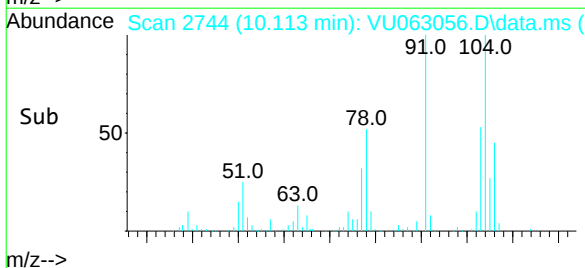
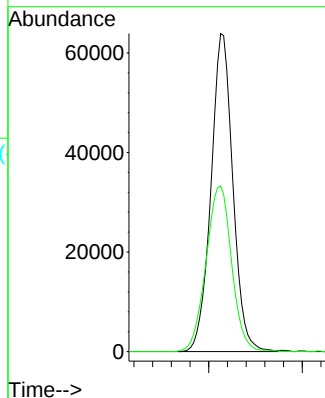
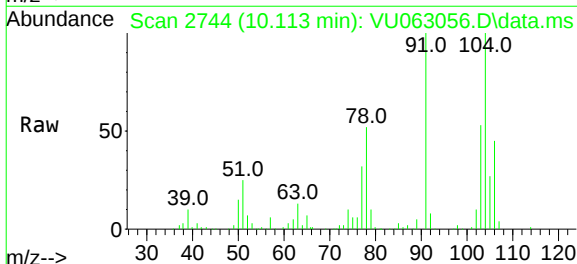
Acq: 28 Jan 2025 08:33

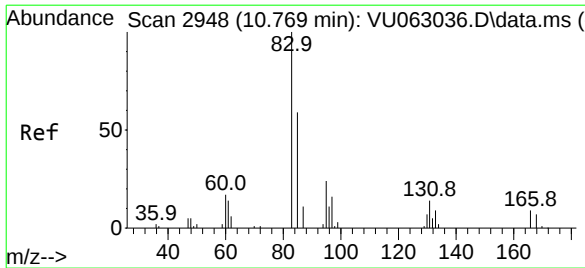
Tgt Ion:104 Resp: 103853

Ion Ratio Lower Upper

104 100

78 52.1 35.5 65.9





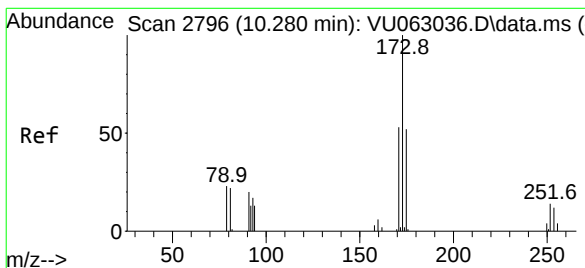
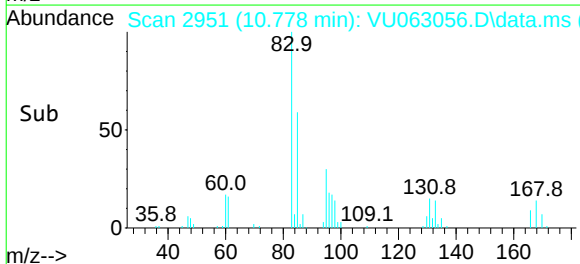
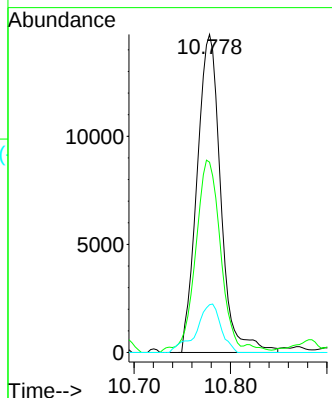
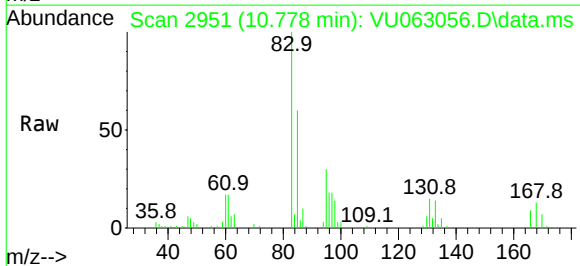
#57
1,1,2,2-Tetrachloroethane
Concen: 3.628 ug/L
RT: 10.778 min Scan# 2948
Delta R.T. 0.009 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

Instrument :
MSVOA_U
ClientSampleId :
E2964MSD

Tgt Ion:	83	Resp:	25080
Ion Ratio	Lower	Upper	
83	100		
85	59.8	43.0	79.8
131	15.0	7.4	11.0#

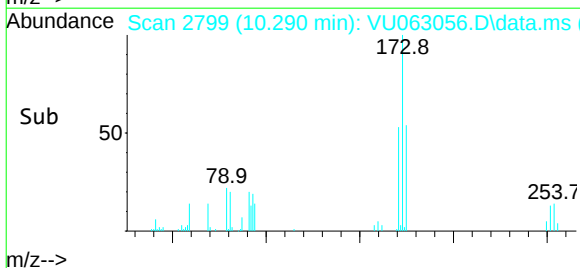
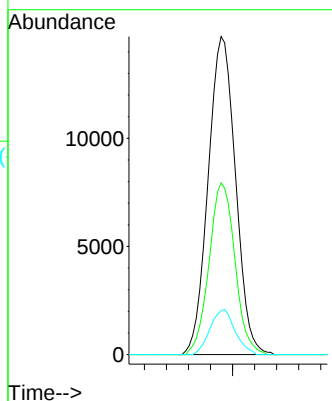
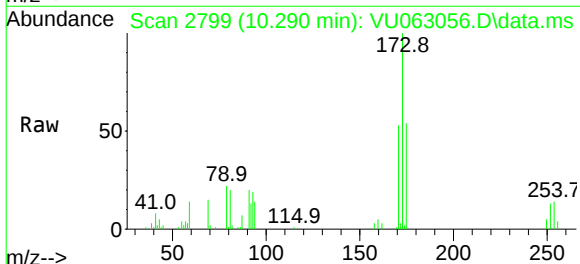
Manual Integrations
APPROVED

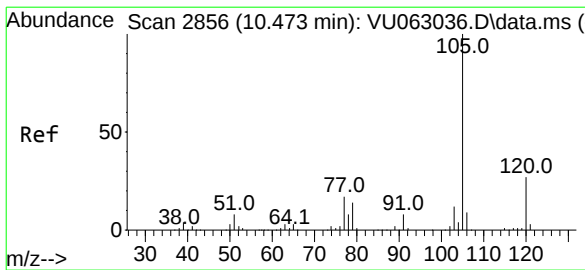
Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025



#59
Bromoform
Concen: 3.790 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.009 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

Tgt Ion:	173	Resp:	25355
Ion Ratio	Lower	Upper	
173	100		
175	51.0	39.8	59.8
254	12.9	8.6	12.8#





#60

Isopropylbenzene

Concen: 3.991 ug/L

RT: 10.479 min Scan# 2856

Delta R.T. 0.006 min

Lab File: VU063056.D

Acq: 28 Jan 2025 08:33

Instrument :

MSVOA_U

ClientSampleId :

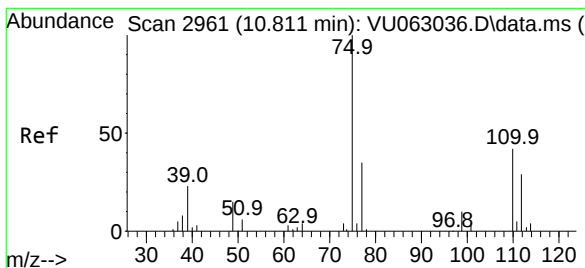
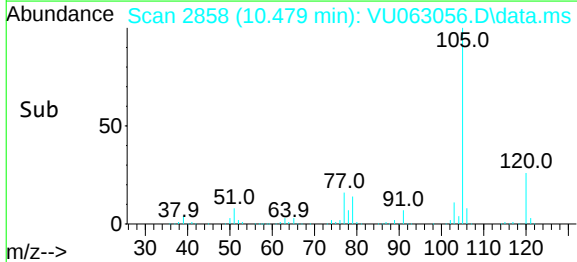
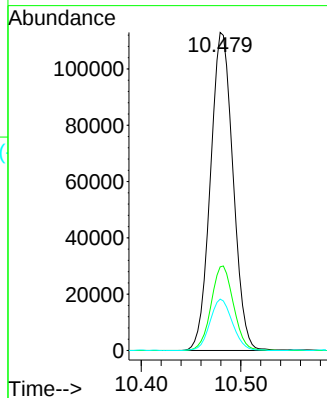
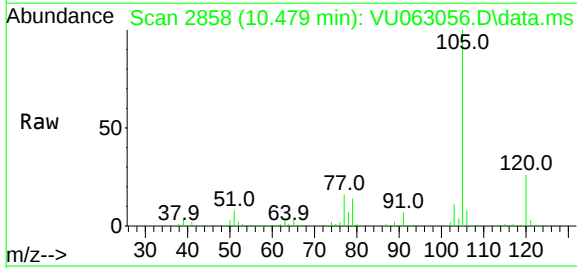
E2964MSD

Tgt Ion:	105	Resp:	178067
Ion Ratio	Lower	Upper	
105	100		
120	26.3	20.2	30.2
77	16.0	13.0	19.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025



#61

1,2,3-Trichloropropane

Concen: 3.276 ug/L

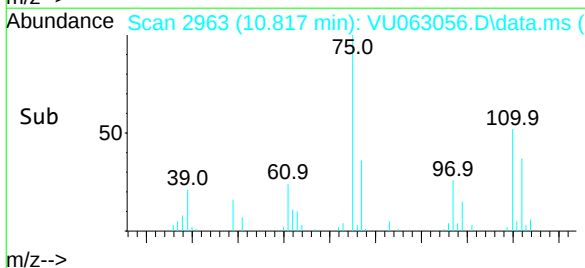
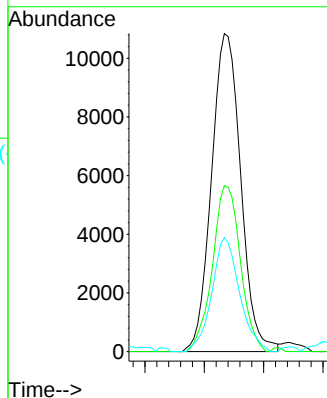
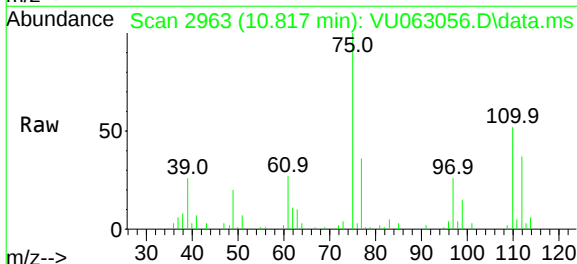
RT: 10.817 min Scan# 2963

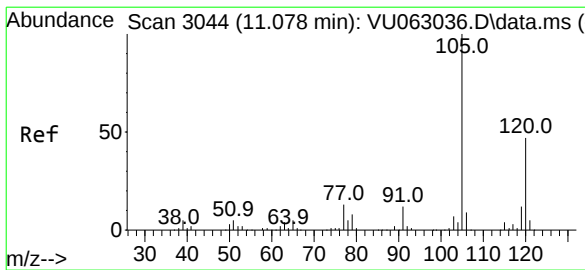
Delta R.T. 0.006 min

Lab File: VU063056.D

Acq: 28 Jan 2025 08:33

Tgt Ion:	75	Resp:	18563
Ion Ratio	Lower	Upper	
75	100		
110	49.8	33.2	49.8
77	34.0	25.9	38.9





#62

1,3,5-Trimethylbenzene

Concen: 4.375 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU063056.D

Acq: 28 Jan 2025 08:33

Instrument :

MSVOA_U

ClientSampleId :

E2964MSD

Tgt Ion:105 Resp: 171141

Ion Ratio Lower Upper

105 100

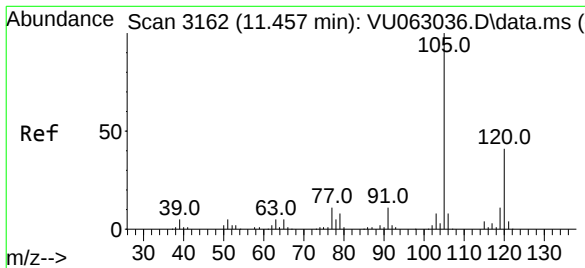
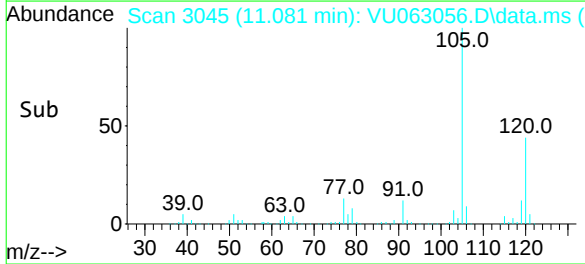
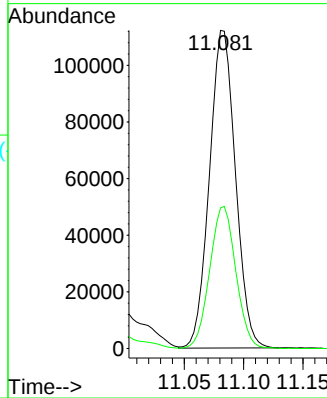
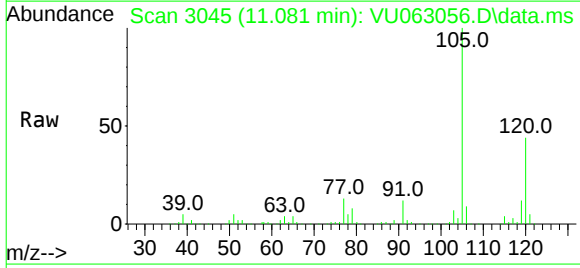
120 44.9 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2025

Supervised By :Semsettin Yesilyurt 01/30/2025



#63

1,2,4-Trimethylbenzene

Concen: 5.602 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU063056.D

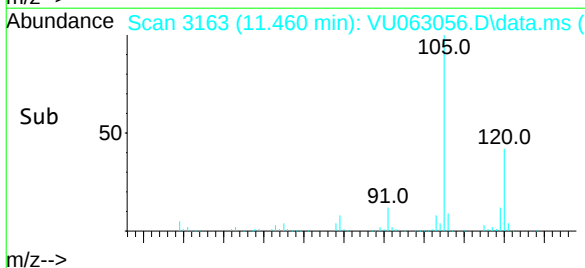
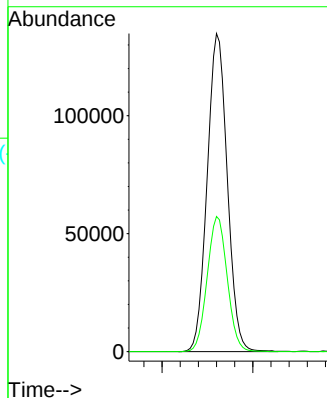
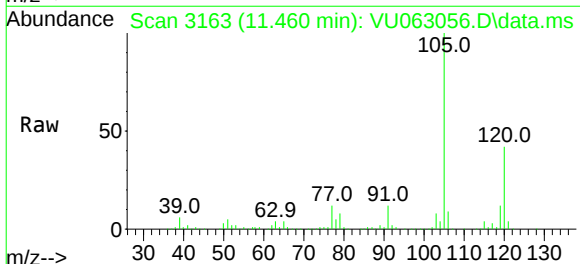
Acq: 28 Jan 2025 08:33

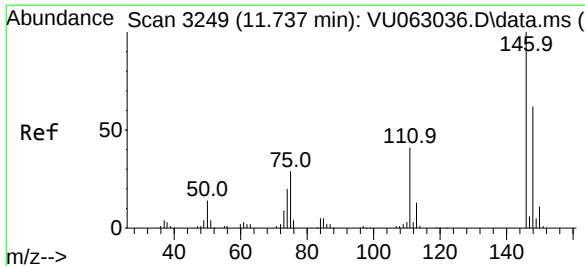
Tgt Ion:105 Resp: 207257

Ion Ratio Lower Upper

105 100

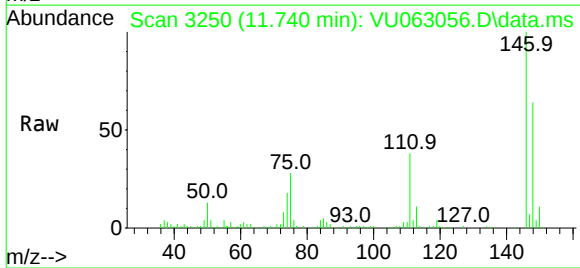
120 42.3 34.2 51.2





#64
1,3-Dichlorobenzene
Concen: 4.059 ug/L
RT: 11.740 min Scan# 3249
Delta R.T. 0.003 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

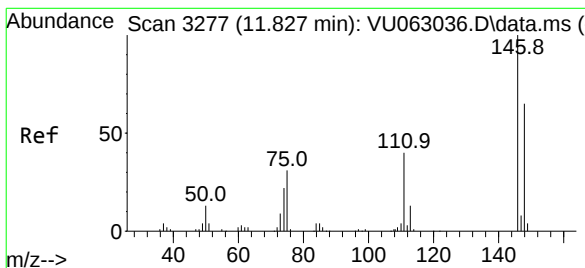
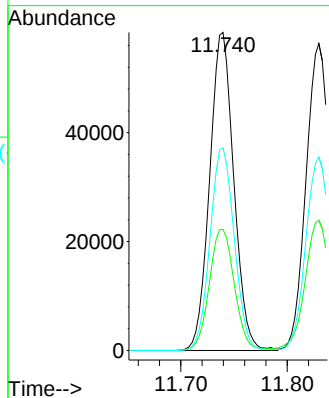
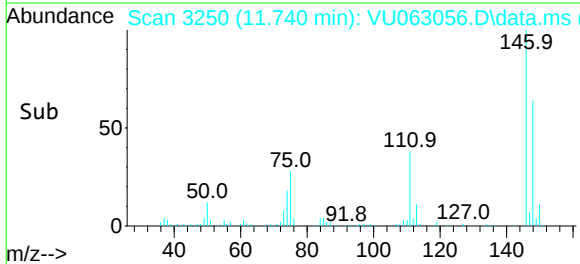
Instrument :
MSVOA_U
ClientSampleId :
E2964MSD



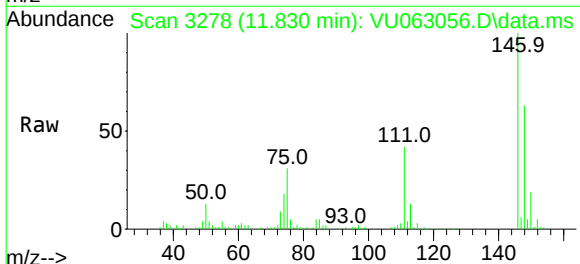
Tgt Ion:146 Resp: 91950
Ion Ratio Lower Upper
146 100
111 38.0 28.6 53.0
148 63.7 44.0 81.6

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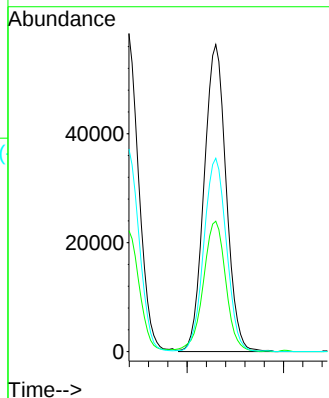
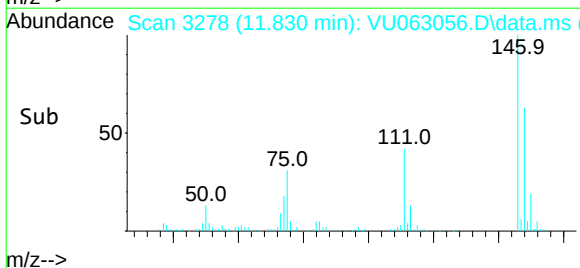
Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025

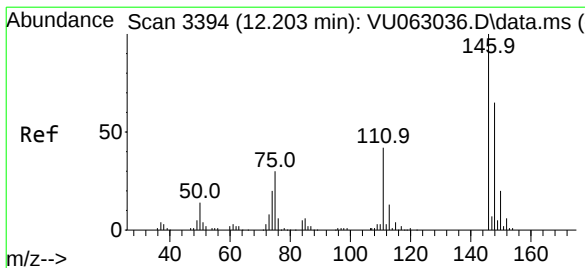


#65
1,4-Dichlorobenzene
Concen: 3.949 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33



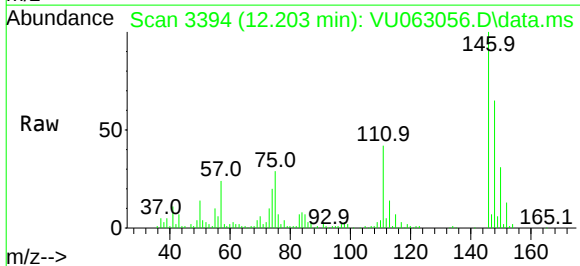
Tgt Ion:146 Resp: 89744
Ion Ratio Lower Upper
146 100
111 42.5 29.5 54.9
148 63.0 45.1 83.9





#67
1,2-Dichlorobenzene
Concen: 3.791 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. -0.000 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

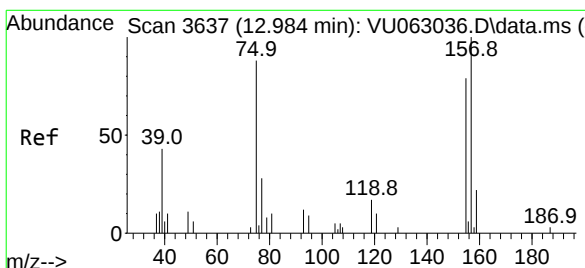
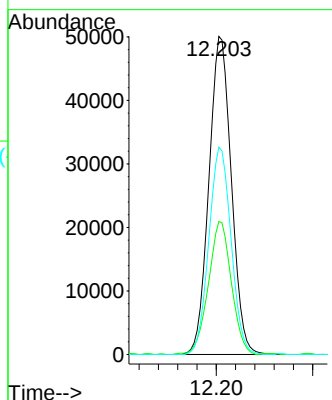
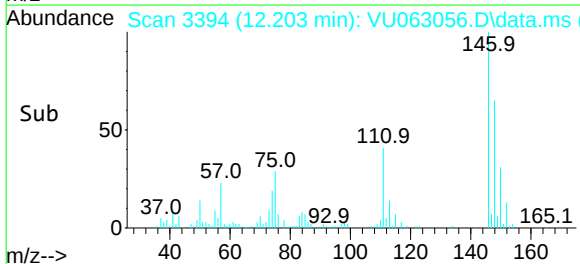
Instrument :
MSVOA_U
ClientSampleId :
E2964MSD



Tgt Ion: 146 Resp: 80797
Ion Ratio Lower Upper
146 100
111 41.8 36.3 54.5
148 65.2 52.0 78.0

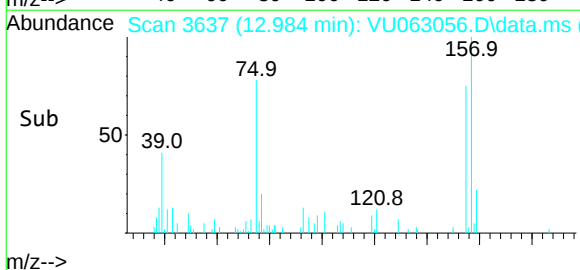
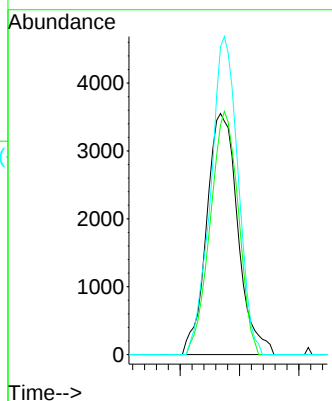
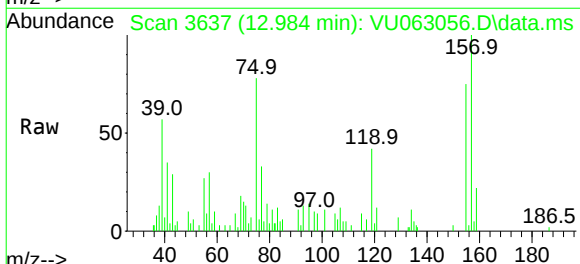
Manual Integrations
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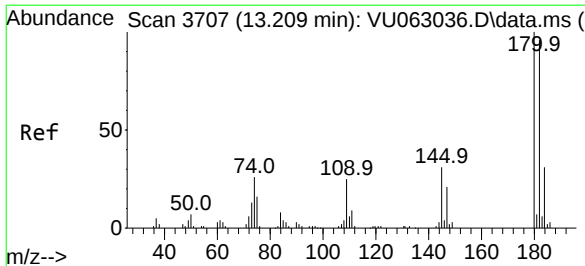
Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025



#68
1,2-Dibromo-3-chloropropane
Concen: 4.325 ug/L
RT: 12.984 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

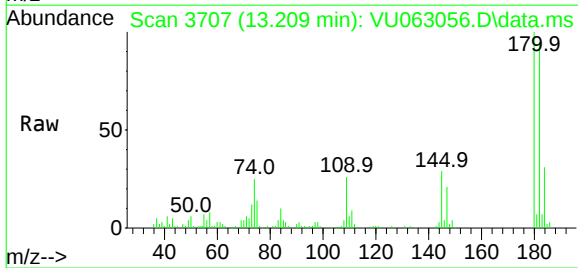
Tgt Ion: 75 Resp: 6481
Ion Ratio Lower Upper
75 100
155 95.3 59.6 89.4#
157 127.7 70.8 106.2#





#69
1,3,5-Trichlorobenzene
Concen: 4.240 ug/L
RT: 13.209 min Scan# 3707
Delta R.T. -0.000 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33

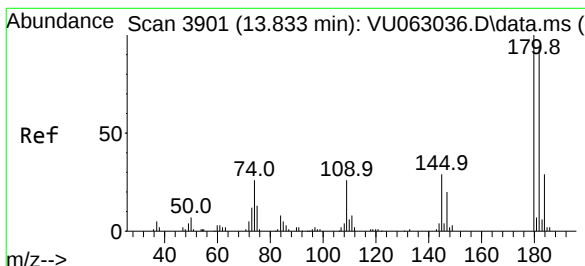
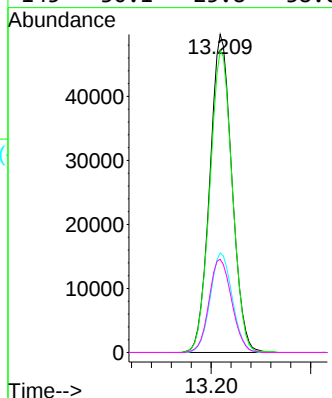
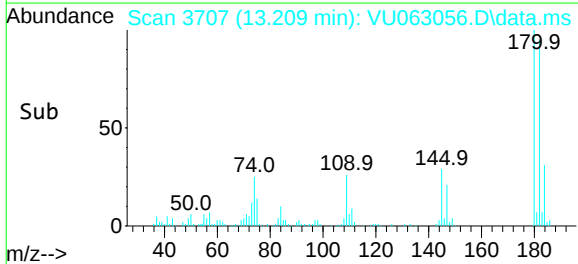
Instrument :
MSVOA_U
ClientSampleId :
E2964MSD



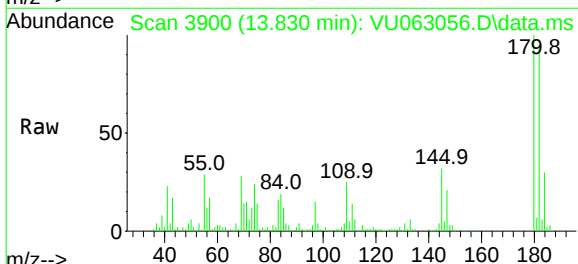
Tgt Ion:180 Resp: 76732
Ion Ratio Lower Upper
180 100
182 96.0 75.8 113.8
184 31.1 24.7 37.1
145 30.1 25.8 38.6

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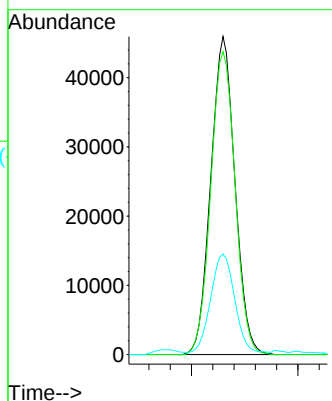
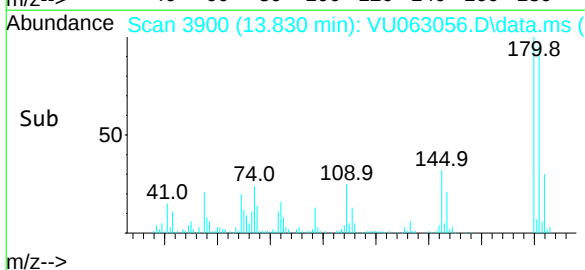
Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025

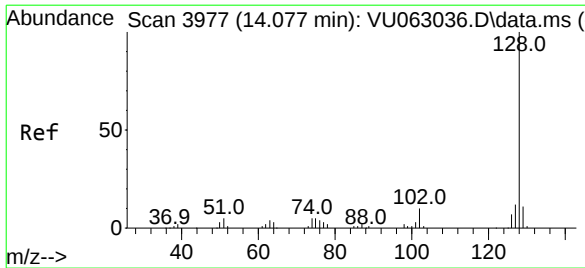


#70
1,2,4-trichlorobenzene
Concen: 5.112 ug/L
RT: 13.830 min Scan# 3900
Delta R.T. -0.003 min
Lab File: VU063056.D
Acq: 28 Jan 2025 08:33



Tgt Ion:180 Resp: 72393
Ion Ratio Lower Upper
180 100
182 96.0 77.1 115.7
145 31.0 26.9 40.3





#71

Naphthalene

Concen: 35.428 ug/L

RT: 14.074 min Scan# 3977

Delta R.T. -0.003 min

Lab File: VU063056.D

Acq: 28 Jan 2025 08:33

Instrument :

MSVOA_U

ClientSampleId :

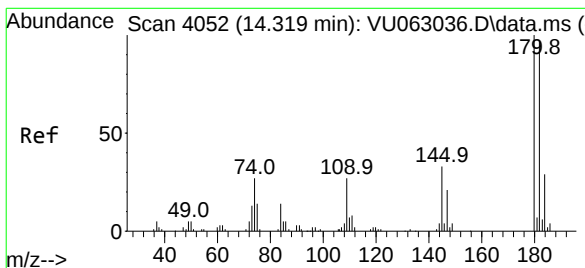
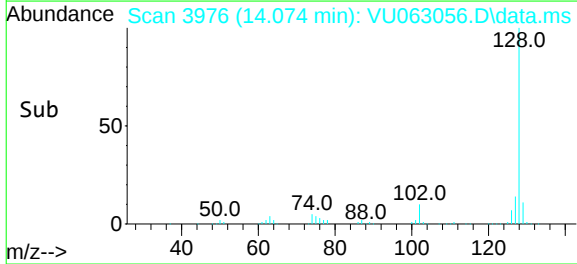
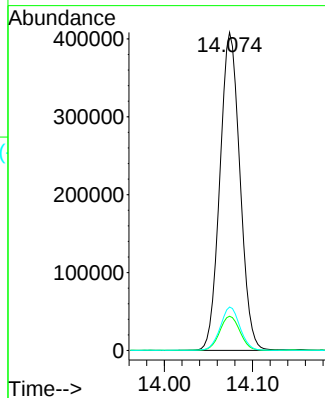
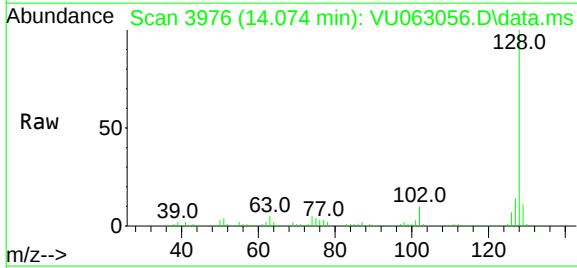
E2964MSD

Tgt Ion:	128	Resp:	643812
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.5	12.7
127	13.4	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025



#72

1,2,3-Trichlorobenzene

Concen: 5.109 ug/L

RT: 14.318 min Scan# 4052

Delta R.T. -0.000 min

Lab File: VU063056.D

Acq: 28 Jan 2025 08:33

Tgt Ion:	180	Resp:	62514
Ion Ratio	Lower	Upper	
180	100		
182	96.3	79.8	119.6
145	35.0	29.2	43.8

