

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
 Data File : VU063433.D
 Acq On : 24 Jun 2025 12:16
 Operator : MD/SY
 Sample : VU0624WBSD01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0624WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025

Quant Time: Jun 25 08:10:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jun 25 03:53:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.103	96	48924m	1.000	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	17940	0.999	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	18111	1.004	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	37702	2.006	ug/l	98
3) Chloromethane	1.518	50	44492	1.797	ug/l	96
4) Vinyl Chloride	1.599	62	36391	1.717	ug/l	99
5) Bromomethane	1.846	94	20298	1.999	ug/l	96
6) Chloroethane	1.923	64	19842	1.580	ug/l	96
7) Trichlorofluoromethane	2.129	101	44989	1.861	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	27067	2.102	ug/l	99
9) 1,1-Dichloroethene	2.567	96	27891	2.171	ug/l	94
10) Iodomethane	2.708	142	17802	1.717	ug/l	95
11) Allyl Chloride	2.911	41	45772	2.000	ug/l	99
12) Acrylonitrile	3.306	53	15504m	4.177	ug/l	
13) Acetone	2.621	43	26628	8.138	ug/l	96
14) Carbon Disulfide	2.776	76	90537	2.021	ug/l	98
15) Methylene Chloride	3.030	84	32975	2.025	ug/l	98
16) trans-1,2-Dichloroethene	3.335	96	30368	2.101	ug/l	96
17) 1,1-Dichloroethane	3.849	63	63072	2.078	ug/l	99
18) 2-Butanone	4.721	43	46068	8.894	ug/l	98
19) Cyclohexane	5.361	56	41924	1.826	ug/l	99
20) Methylcyclohexane	6.746	83	37288	1.749	ug/l	92
21) 2,2-Dichloropropane	4.644	77	40641	1.884	ug/l	99
22) cis-1,2-Dichloroethene	4.644	96	32133	2.037	ug/l	98
23) Diethyl Ether	2.370	59	23527	2.030	ug/l	97
24) tert-Butyl Alcohol	3.200	59	25998	21.292	ug/l	98
25) Methyl tert-Butyl Ether	3.361	73	72586	2.078	ug/l	100
26) Bromochloromethane	4.955	128	14136	2.302	ug/l	90
27) Chloroform	5.071	83	61146	2.149	ug/l	100
28) 1,1,1-Trichloroethane	5.296	97	48456	2.100	ug/l	98
29) 1,1-Dichloropropene	5.505	75	41576	1.973	ug/l	99
30) Carbon Tetrachloride	5.499	117	39088	2.121	ug/l	95
31) Isopropyl Ether	3.994	45	99901	2.107	ug/l	100
32) Ethyl-t-butyl ether	4.505	59	80724	2.009	ug/l	99
33) Tert-Amyl methyl ether	5.946	73	52845	1.837	ug/l	96
34) Propionitrile	4.779	54	15493	10.340	ug/l #	85
35) Benzene	5.759	78	131629	2.065	ug/l	98
36) 1,2-Dichloroethane	5.788	62	37840	2.030	ug/l	100
37) Trichloroethene	6.534	130	30828	2.046	ug/l	96
38) 1,2-Dichloropropane	6.782	63	36163	2.054	ug/l	98
39) Methacrylonitrile	4.978	41	10673	1.712	ug/l	94
40) Methyl acrylate	4.849	55	18218	2.081	ug/l	98
41) Tetrahydrofuran	5.065	42	11659	3.477	ug/l	99
42) 1-Chlorobutane	5.441	56	56729	1.897	ug/l	98
43) Dibromomethane	6.910	93	17065	2.075	ug/l	98
44) Bromodichloromethane	7.100	83	41184	2.056	ug/l	98

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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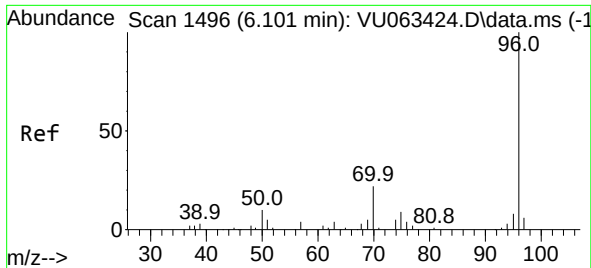
Manual Integrations
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 Supervised By :Semsettin Yesilyurt 06/25/2025

Quant Time: Jun 25 08:10:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jun 25 03:53:43 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	84115	9.527	ug/l	97
46) t-1,4-Dichloro-2-butene	10.827	75	11360m	3.914	ug/l	
47) Methyl methacrylate	6.968	69	24695	3.922	ug/l	92
48) Ethyl methacrylate	8.335	69	22157	2.030	ug/l	97
49) Toluene	7.962	92	69828	1.995	ug/l	95
50) t-1,3-Dichloropropene	8.206	75	27590	1.910	ug/l	100
51) cis-1,3-Dichloropropene	7.602	75	38692	1.994	ug/l	95
52) 1,1,2-Trichloroethane	8.396	97	24606	2.046	ug/l	98
53) 1,3-Dichloropropane	8.569	76	41581	2.010	ug/l	96
54) 2-Hexanone	8.688	43	54892	9.809	ug/l	93
55) Dibromochloromethane	8.801	129	25038	2.018	ug/l	100
56) 1,2-Dibromoethane	8.920	107	20163	2.069	ug/l	98
58) Tetrachloroethene	8.544	164	29570	2.001	ug/l	97
59) Chlorobenzene	9.441	112	75413	2.013	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.524	131	26908	1.995	ug/l	97
61) Pentachloroethane	11.415	117	22285	2.028	ug/l	95
62) Hexachloroethane	12.466	117	19905	2.014	ug/l	99
63) Ethyl Benzene	9.563	91	114691	1.909	ug/l	99
64) m/p-Xylenes	9.688	106	87004	3.731	ug/l	97
65) o-Xylene	10.094	106	42647	1.869	ug/l	94
66) Styrene	10.110	104	71958	1.925	ug/l	99
67) Bromoform	10.283	173	13611	2.008	ug/l	97
69) Isopropylbenzene	10.476	105	103632	1.960	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	31827	2.069	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	27172m	2.163	ug/l	
72) Bromobenzene	10.775	156	31426	2.118	ug/l	83
73) n-propylbenzene	10.901	120	30992	1.923	ug/l	97
74) 2-Chlorotoluene	10.981	126	30419	2.074	ug/l	95
75) 1,3,5-Trimethylbenzene	11.081	105	100505	1.914	ug/l	99
76) 4-Chlorotoluene	11.094	126	31207	2.031	ug/l	99
77) tert-Butylbenzene	11.412	119	96811	1.993	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	100260	1.920	ug/l	100
79) sec-Butylbenzene	11.634	105	137049	1.992	ug/l	100
80) Nitrobenzene	13.216	77	6874	10.746	ug/l	96
81) p-Isopropyltoluene	11.785	119	107612	1.972	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	64149	2.087	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	68008	2.132	ug/l	95
84) n-Butylbenzene	12.203	91	109583	1.946	ug/l	98
85) 1,2-Dichlorobenzene	12.206	146	61152	2.078	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.991	75	4949	2.341	ug/l	88
87) 1,2,4-Trichlorobenzene	13.836	180	32914	2.006	ug/l	99
88) Hexachlorobutadiene	14.010	225	24100	2.072	ug/l	98
89) Naphthalene	14.084	128	51110	2.252	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	31355	1.922	ug/l	100

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



#1
Fluorobenzene
Concen: 1.000 ug/l m
RT: 6.103 min Scan# 1496
Delta R.T. 0.002 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

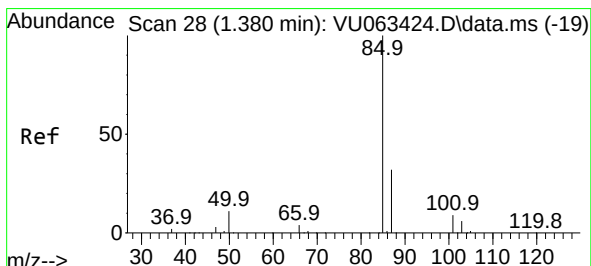
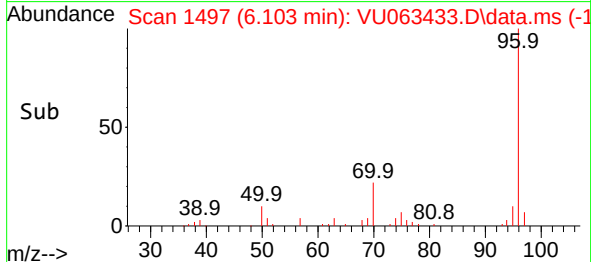
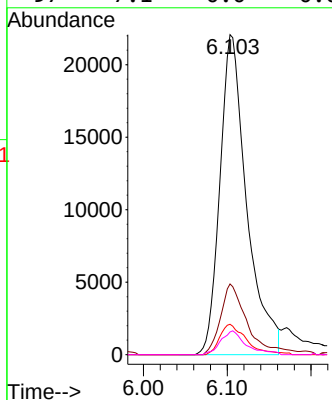
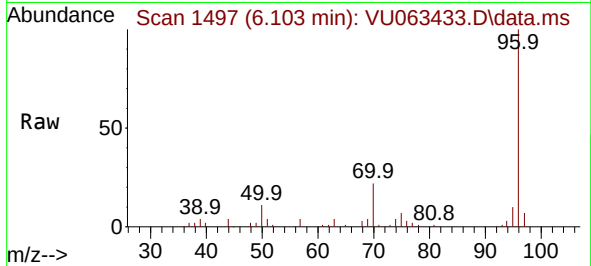
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

Tgt Ion: 96 Resp: 48924

Ion	Ratio	Lower	Upper
96	100		
70	20.6	16.4	24.6
95	9.5	6.2	9.2
97	7.1	0.0	0.0

Manual Integrations
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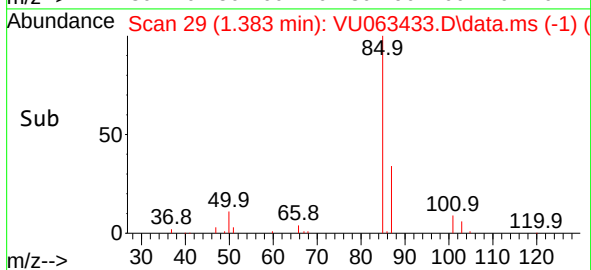
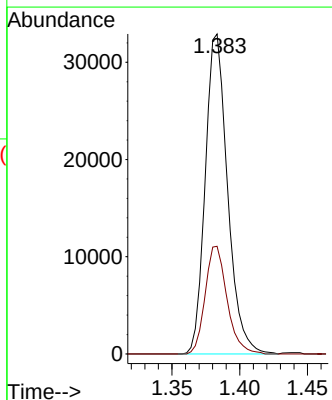
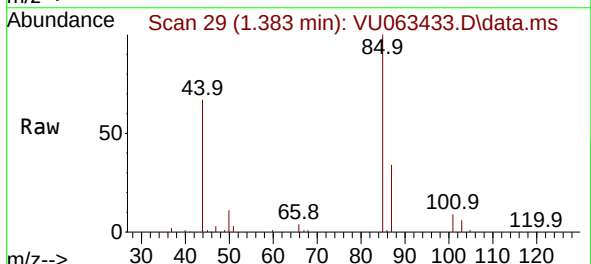
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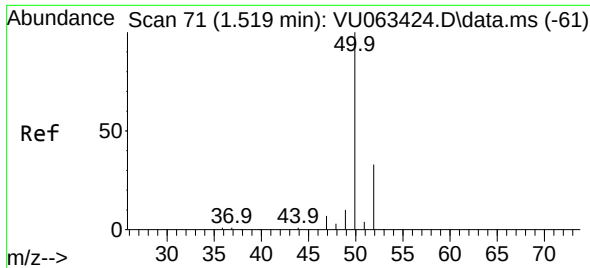


#2
Dichlorodifluoromethane
Concen: 2.006 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion: 85 Resp: 37702

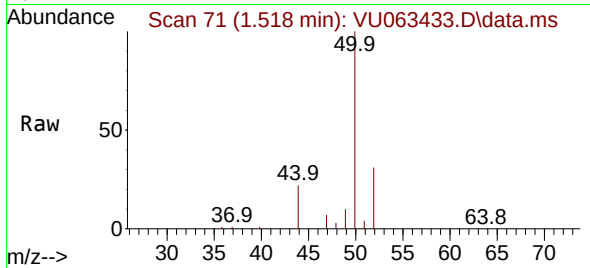
Ion	Ratio	Lower	Upper
85	100		
87	33.6	16.2	48.5





#3
Chloromethane
Concen: 1.797 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

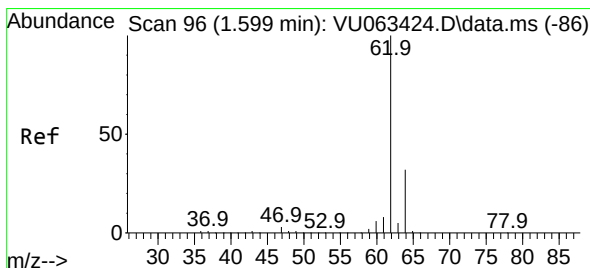
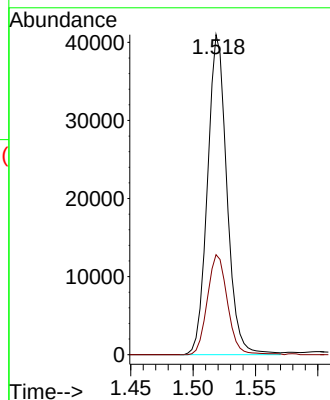
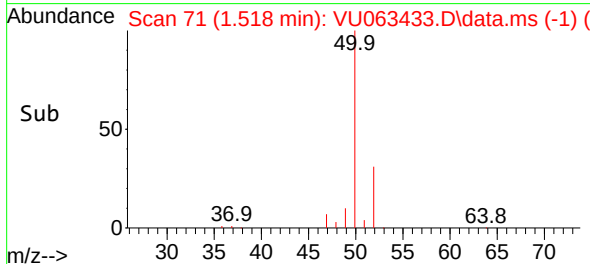
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01



Tgt Ion: 50 Resp: 44492
Ion Ratio Lower Upper
50 100
52 31.2 26.6 40.0

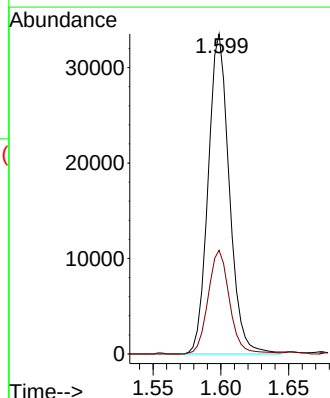
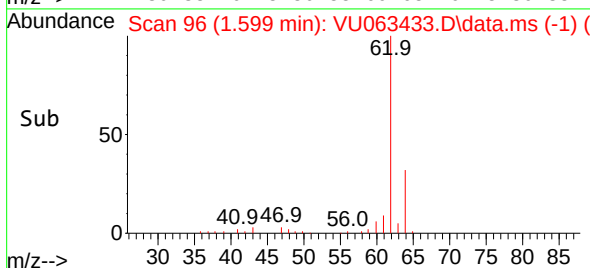
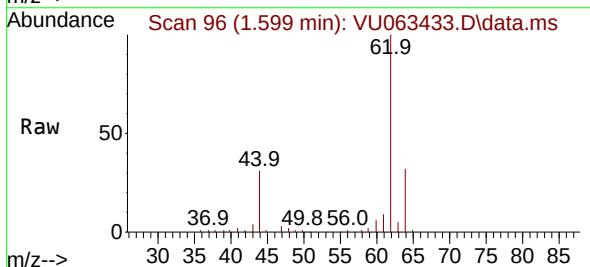
Manual Integrations
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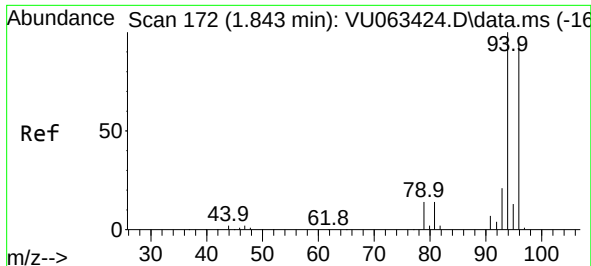
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#4
Vinyl Chloride
Concen: 1.717 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

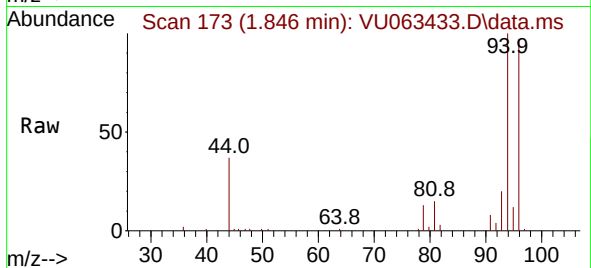
Tgt Ion: 62 Resp: 36391
Ion Ratio Lower Upper
62 100
64 32.4 25.7 38.5





#5
Bromomethane
Concen: 1.999 ug/l
RT: 1.846 min Scan# 173
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

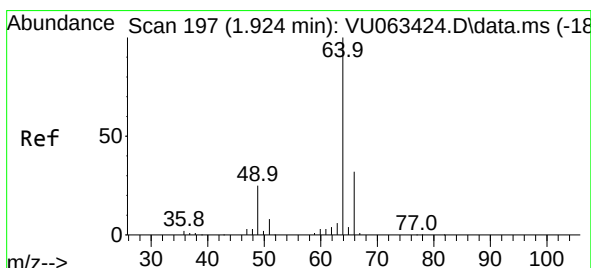
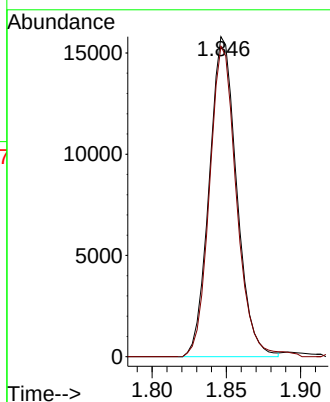
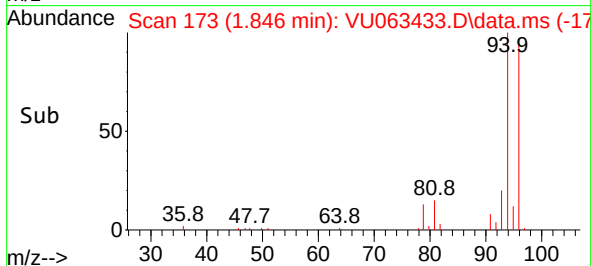
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01



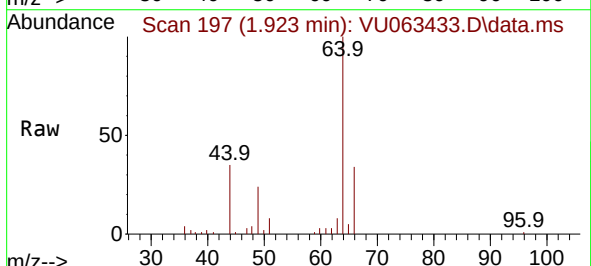
Tgt Ion: 94 Resp: 20298
Ion Ratio Lower Upper
94 100
96 97.0 74.8 112.2

Manual Integrations
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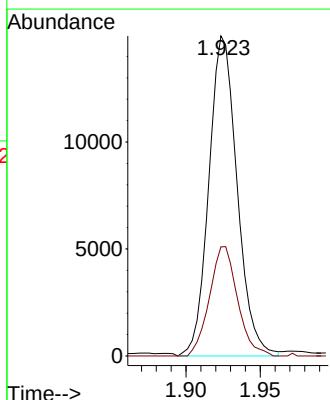
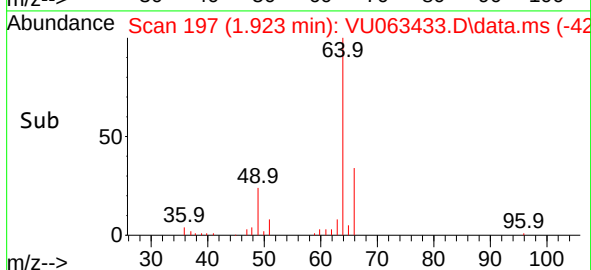
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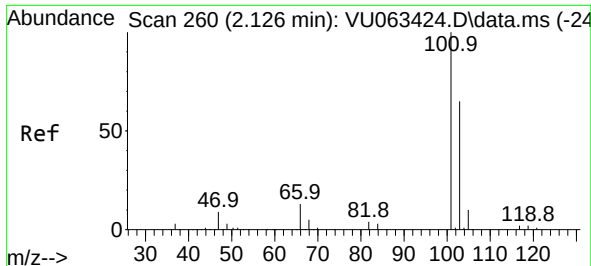


#6
Chloroethane
Concen: 1.580 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16



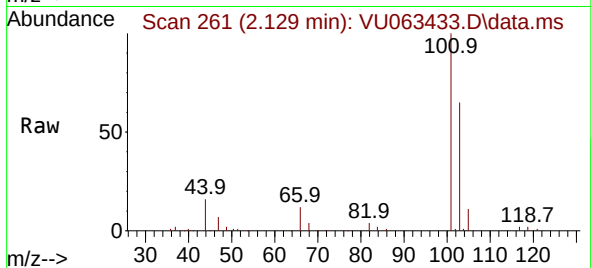
Tgt Ion: 64 Resp: 19842
Ion Ratio Lower Upper
64 100
66 34.1 25.7 38.5





#7
Trichlorofluoromethane
Concen: 1.861 ug/l
RT: 2.129 min Scan# 261
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

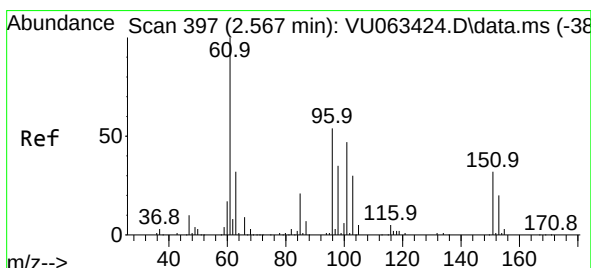
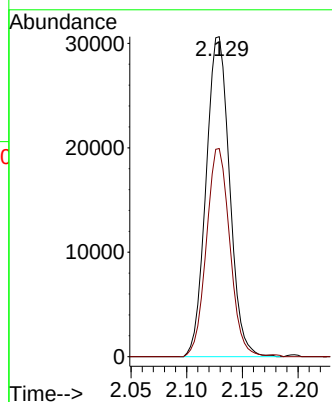
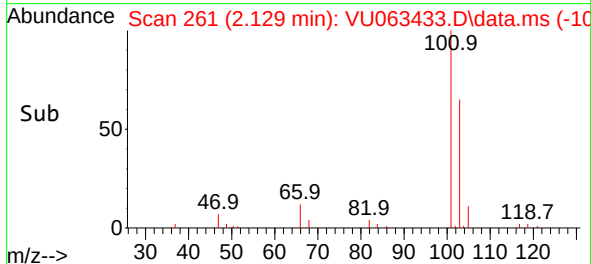
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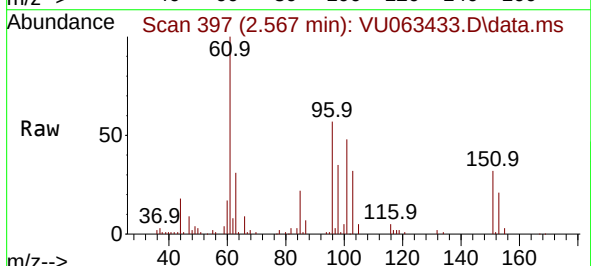
Tgt Ion:101 Resp: 44989
Ion Ratio Lower Upper
101 100
103 65.1 52.3 78.5

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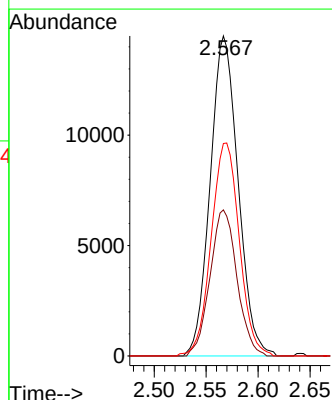
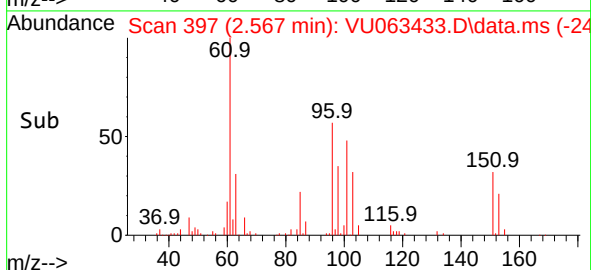
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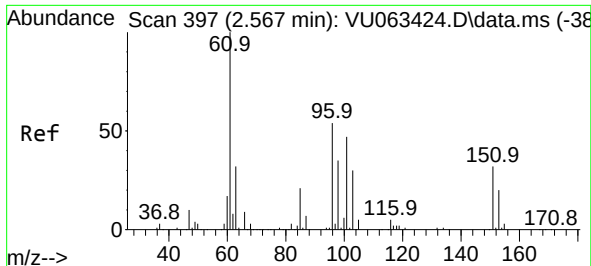


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.102 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16



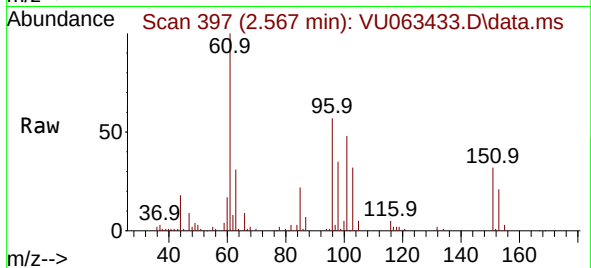
Tgt Ion:101 Resp: 27067
Ion Ratio Lower Upper
101 100
85 44.1 36.7 55.1
151 67.1 53.9 80.9





#9
1,1-Dichloroethene
Concen: 2.171 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

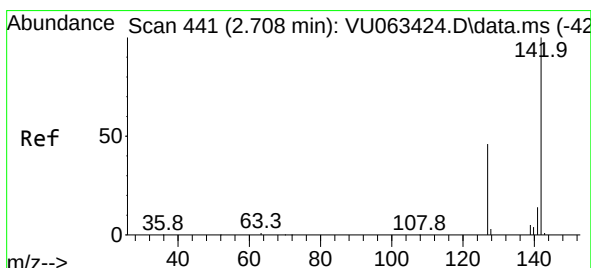
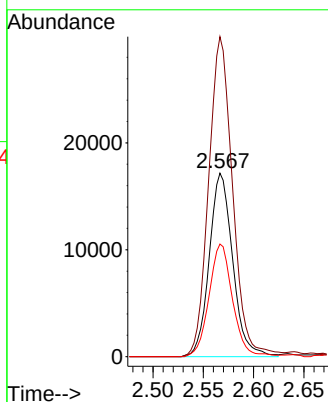
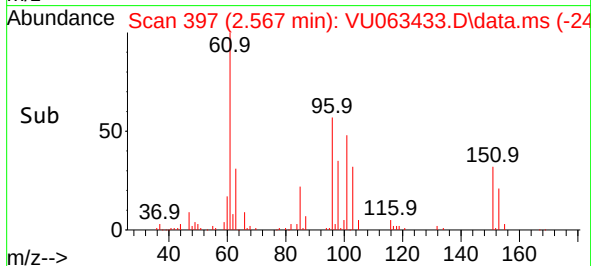
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01



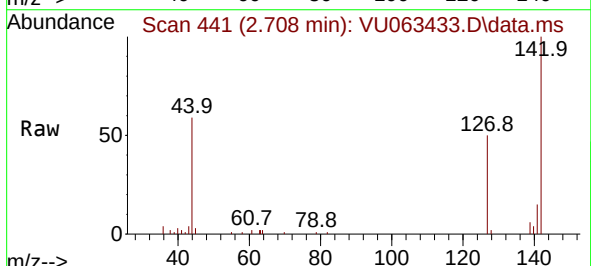
Tgt Ion: 96 Resp: 2789
Ion Ratio Lower Upper
96 100
61 174.4 0.0 552.0
98 61.4 0.0 128.4

Manual Integrations
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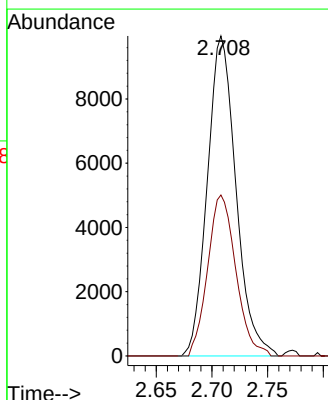
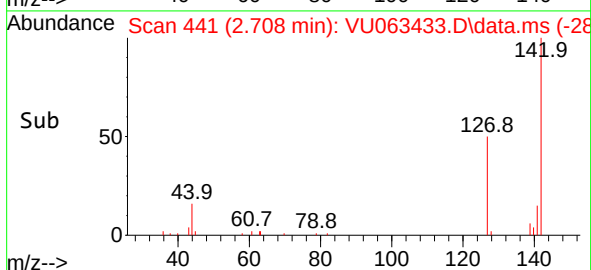
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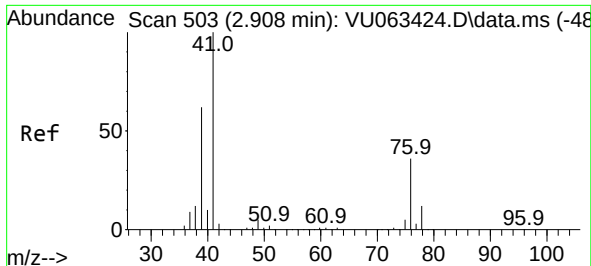


#10
Iodomethane
Concen: 1.717 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16



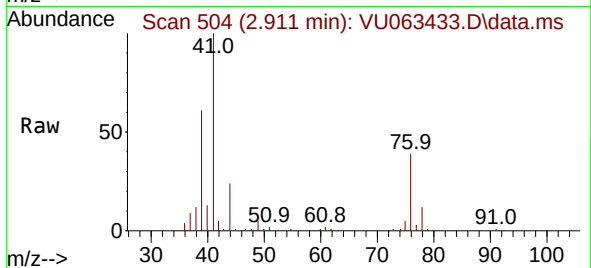
Tgt Ion:142 Resp: 17802
Ion Ratio Lower Upper
142 100
127 49.6 36.9 55.3





#11
 Allyl Chloride
 Concen: 2.000 ug/l
 RT: 2.911 min Scan# 503
 Delta R.T. 0.003 min
 Lab File: VU063433.D
 Acq: 24 Jun 2025 12:16

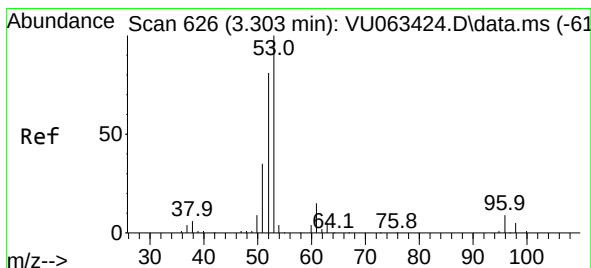
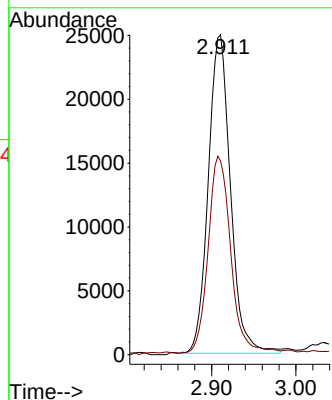
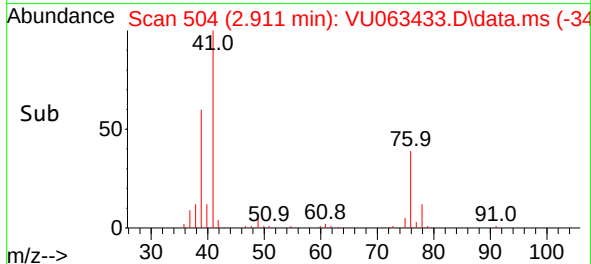
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0624WBSD01



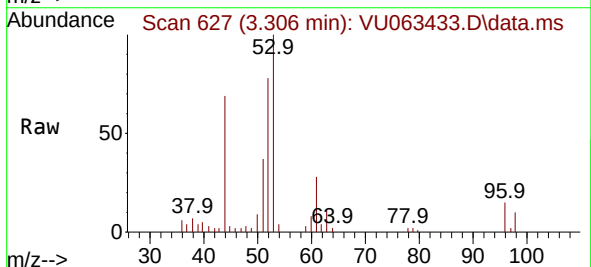
Tgt Ion: 41 Resp: 45772
 Ion Ratio Lower Upper
 41 100
 39 62.1 50.3 75.5

Manual Integrations
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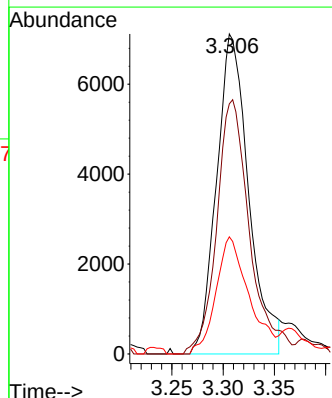
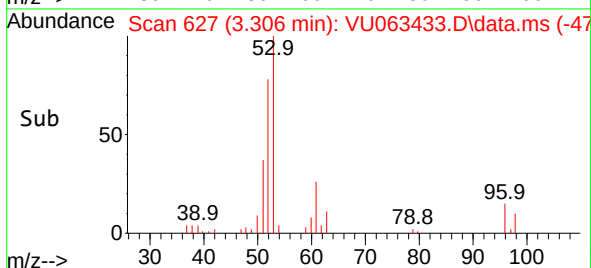
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025

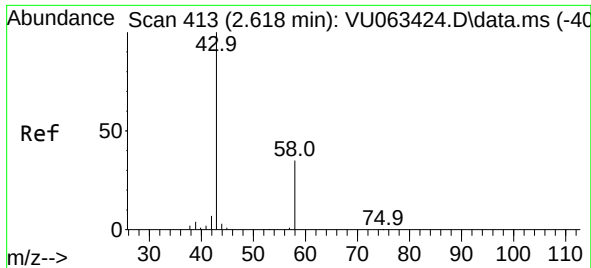


#12
 Acrylonitrile
 Concen: 4.177 ug/l m
 RT: 3.306 min Scan# 627
 Delta R.T. 0.003 min
 Lab File: VU063433.D
 Acq: 24 Jun 2025 12:16



Tgt Ion: 53 Resp: 15504
 Ion Ratio Lower Upper
 53 100
 52 81.1 62.8 94.2
 51 37.5 26.2 39.4





#13

Acetone

Concen: 8.138 ug/l

RT: 2.621 min Scan# 413

Delta R.T. 0.003 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBSD01

Tgt Ion: 43 Resp: 26628

Ion Ratio Lower Upper

43 100

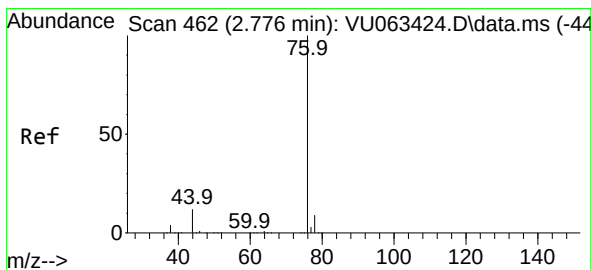
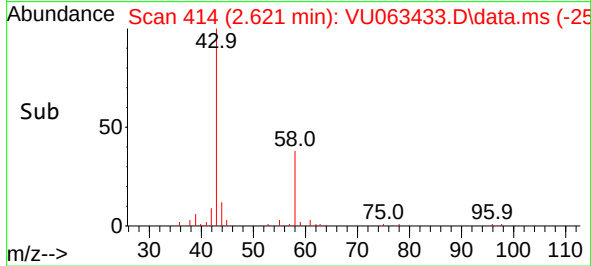
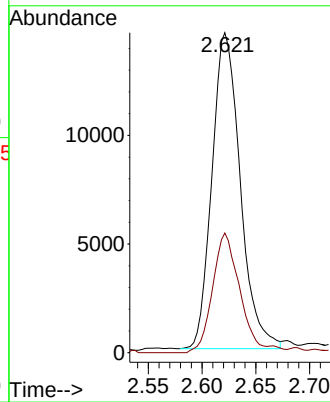
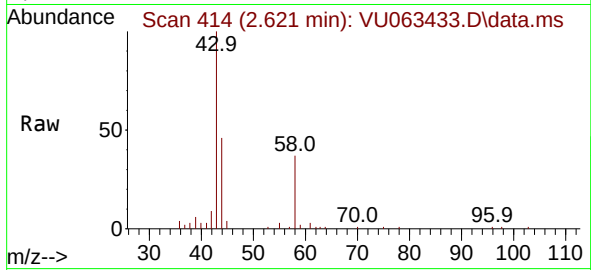
58 37.9 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#14

Carbon Disulfide

Concen: 2.021 ug/l

RT: 2.776 min Scan# 462

Delta R.T. -0.000 min

Lab File: VU063433.D

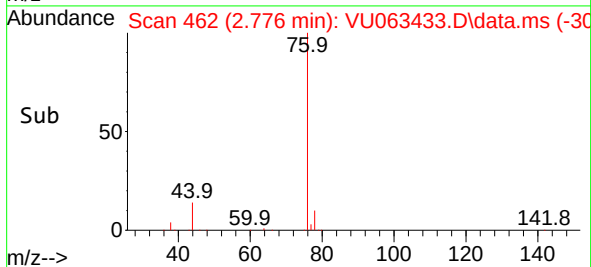
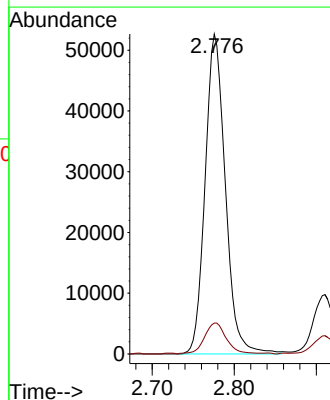
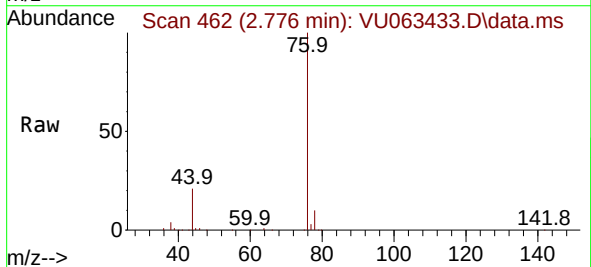
Acq: 24 Jun 2025 12:16

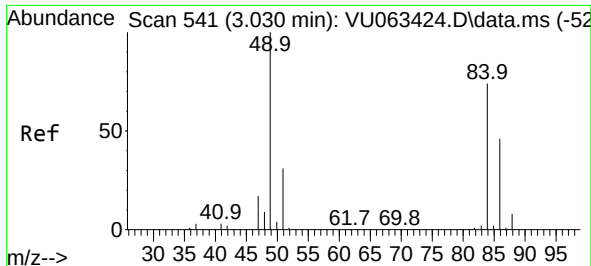
Tgt Ion: 76 Resp: 90537

Ion Ratio Lower Upper

76 100

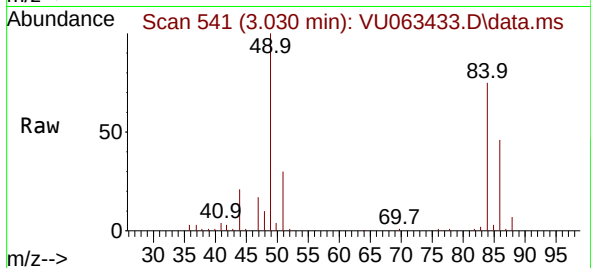
78 9.5 6.9 10.3





#15
Methylene Chloride
Concen: 2.025 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

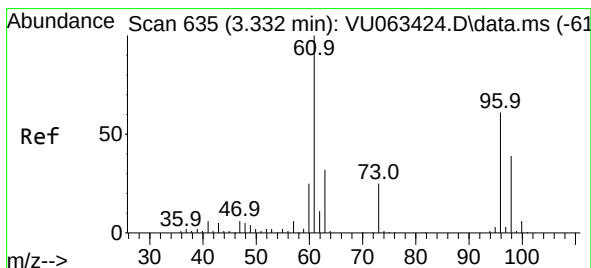
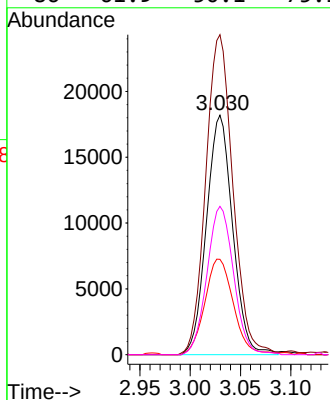
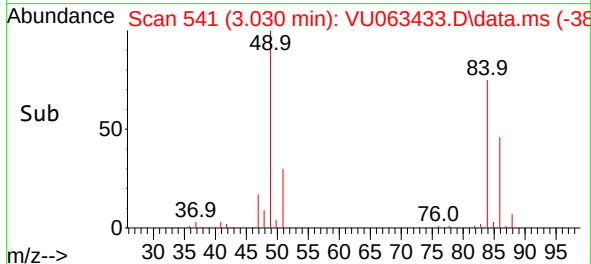
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01



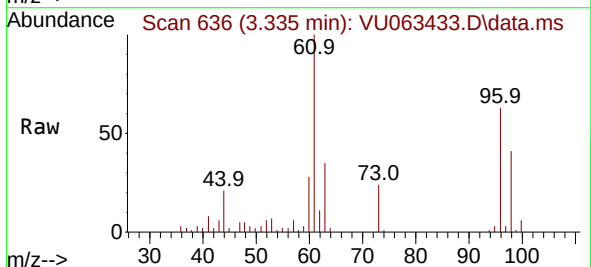
Tgt Ion: 84 Resp: 3297
Ion Ratio Lower Upper
84 100
49 133.6 108.7 163.1
51 39.8 0.0 83.8
86 61.9 50.1 75.1

Manual Integrations
APPROVED

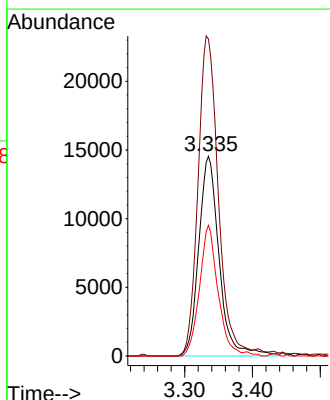
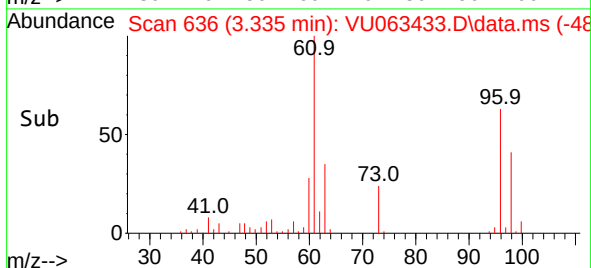
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

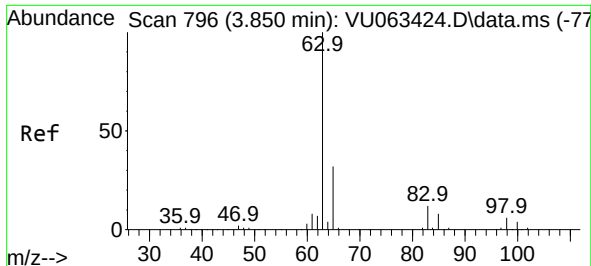


#16
trans-1,2-Dichloroethene
Concen: 2.101 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16



Tgt Ion: 96 Resp: 30368
Ion Ratio Lower Upper
96 100
61 158.8 132.1 198.1
98 65.4 51.0 76.4





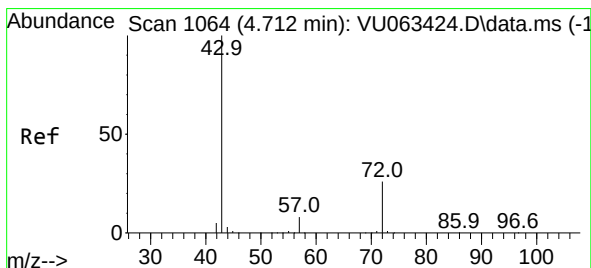
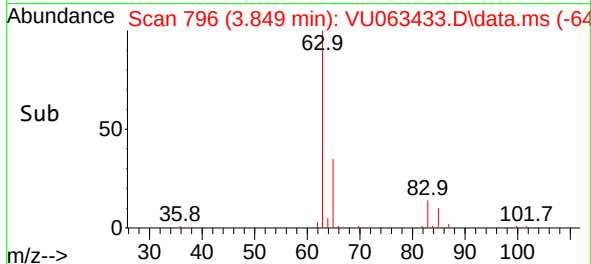
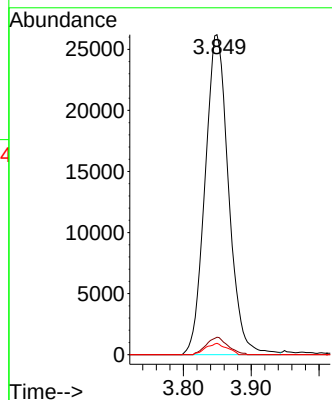
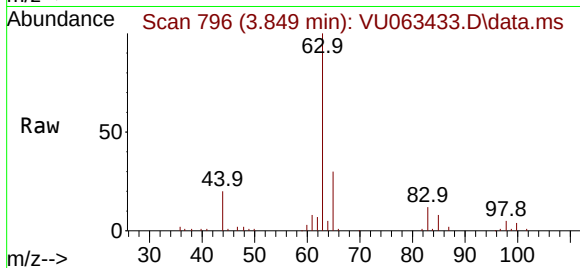
#17
1,1-Dichloroethane
Concen: 2.078 ug/l
RT: 3.849 min Scan# 796
Delta R.T. -0.000 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

Tgt Ion: 63 Resp: 63072
Ion Ratio Lower Upper
63 100
98 5.4 2.8 8.4
100 3.6 1.9 5.7

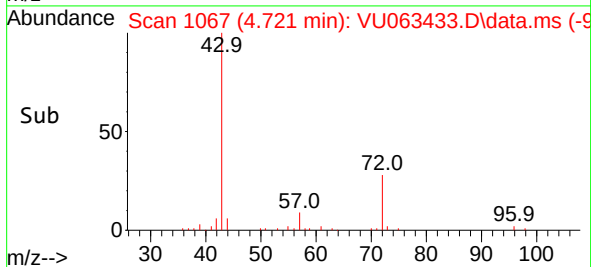
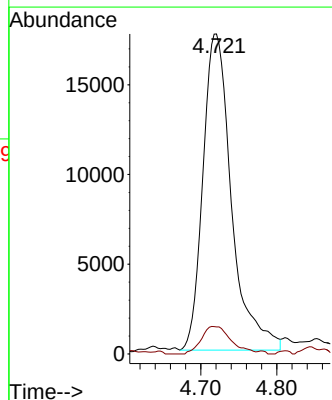
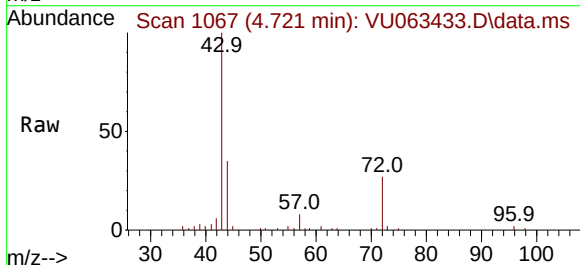
Manual Integrations
APPROVED

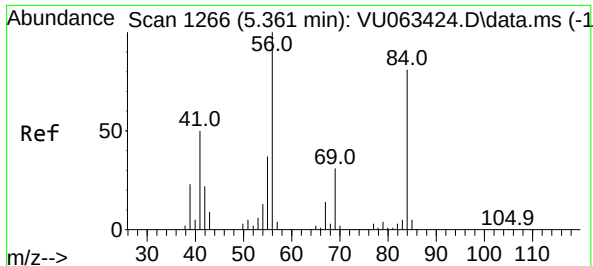
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#18
2-Butanone
Concen: 8.894 ug/l
RT: 4.721 min Scan# 1067
Delta R.T. 0.009 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion: 43 Resp: 46068
Ion Ratio Lower Upper
43 100
57 8.5 0.0 16.0





#19

Cyclohexane

Concen: 1.826 ug/l

RT: 5.361 min Scan# 1266

Delta R.T. -0.000 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBSD01

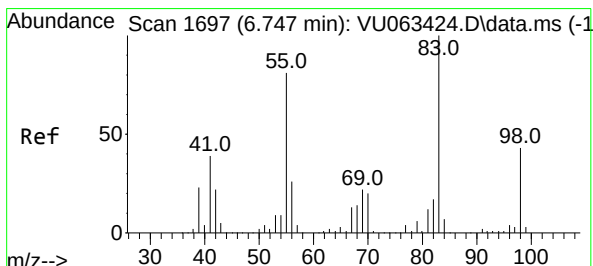
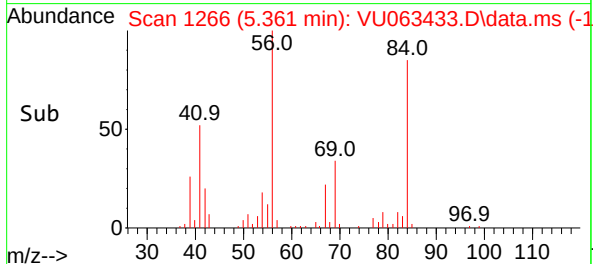
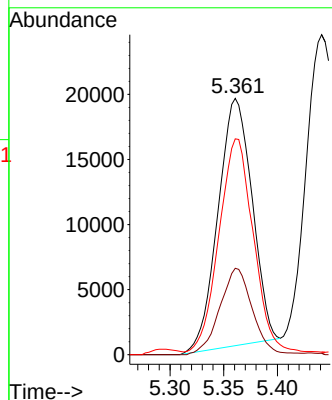
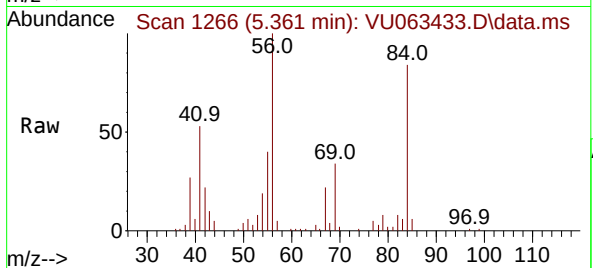
Tgt Ion: 56 Resp: 41924

Ion	Ratio	Lower	Upper
56	100		
69	32.5	26.4	39.6
84	86.6	68.6	102.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#20

Methylcyclohexane

Concen: 1.749 ug/l

RT: 6.746 min Scan# 1697

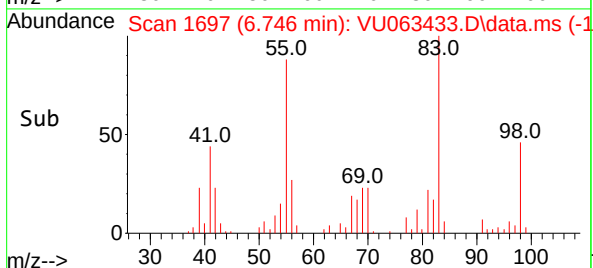
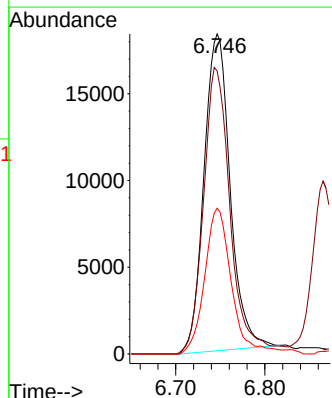
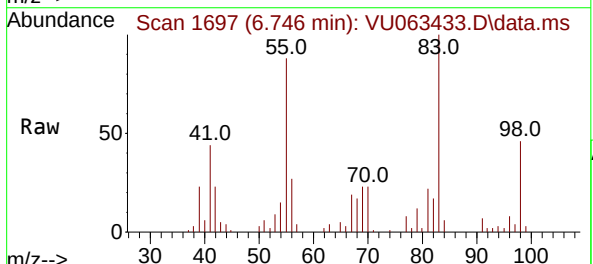
Delta R.T. -0.000 min

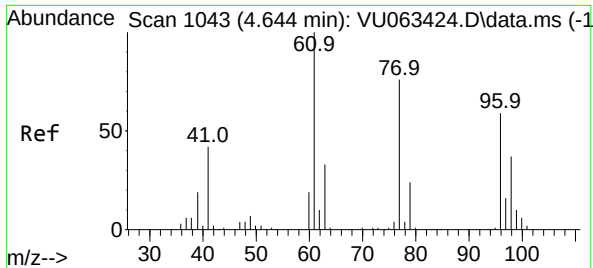
Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Tgt Ion: 83 Resp: 37288

Ion	Ratio	Lower	Upper
83	100		
55	89.0	63.5	95.3
98	44.8	34.2	51.4





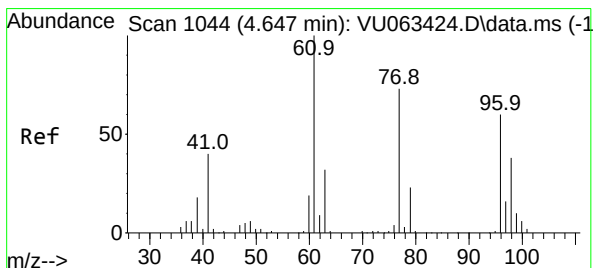
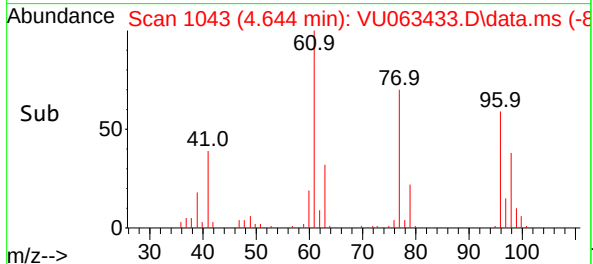
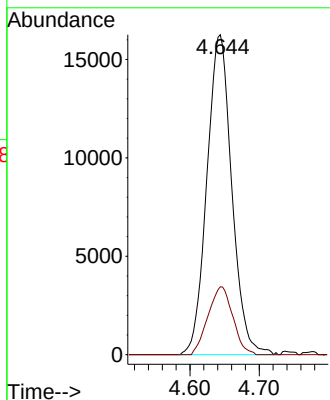
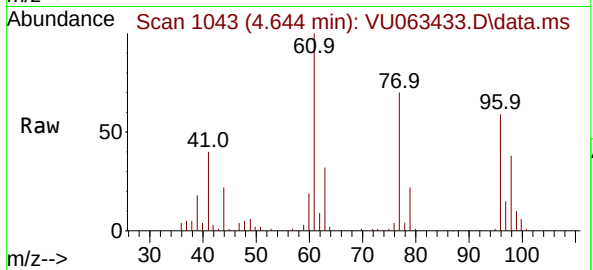
#21
2,2-Dichloropropane
Concen: 1.884 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

Tgt Ion: 77 Resp: 4064
Ion Ratio Lower Upper
77 100
97 21.1 17.2 25.8

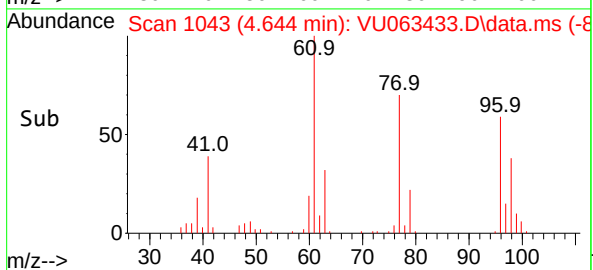
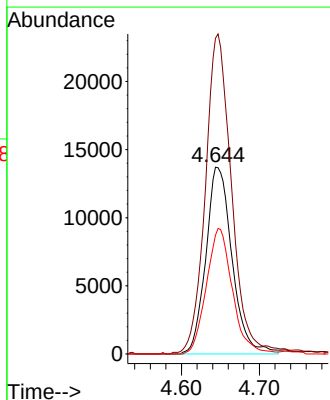
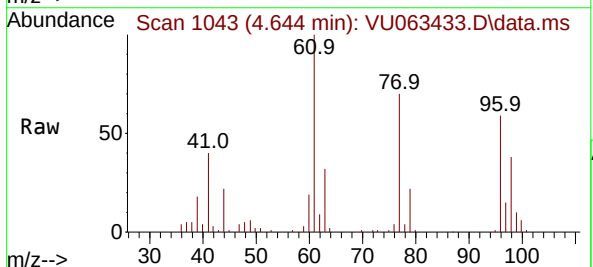
Manual Integrations
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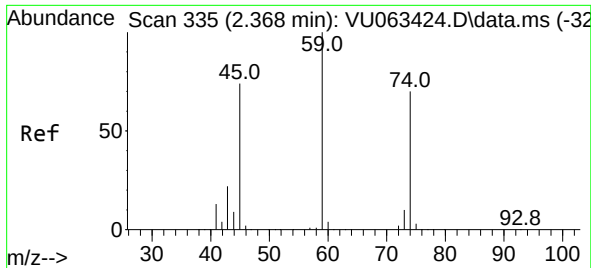
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#22
cis-1,2-Dichloroethene
Concen: 2.037 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. -0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

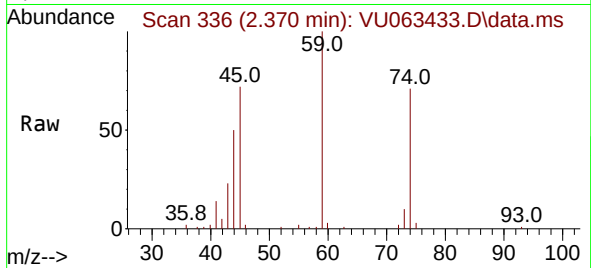
Tgt Ion: 96 Resp: 32133
Ion Ratio Lower Upper
96 100
61 171.1 0.0 434.3
98 66.5 31.9 95.7





#23
Diethyl Ether
Concen: 2.030 ug/l
RT: 2.370 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

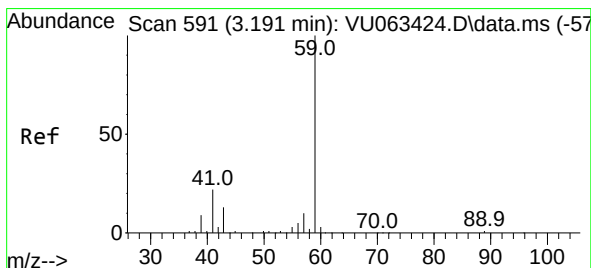
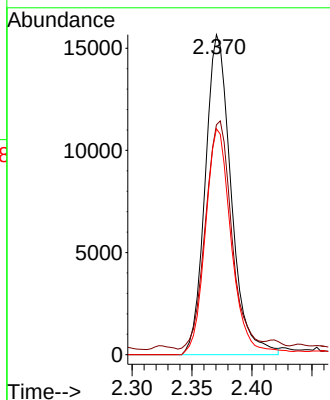
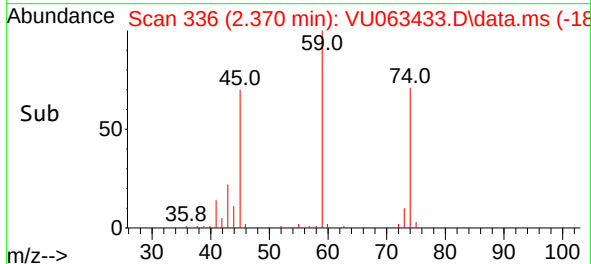
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01



Tgt Ion: 59 Resp: 2352
Ion Ratio Lower Upper
59 100
45 71.8 60.7 91.1
74 71.2 55.8 83.6

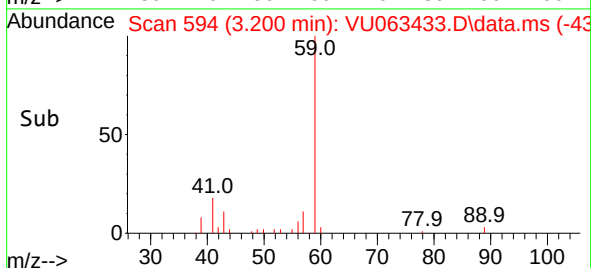
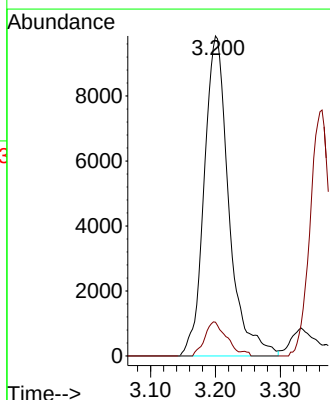
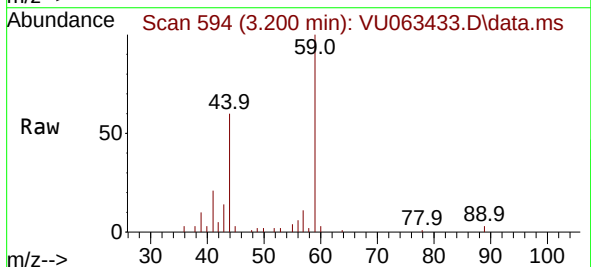
Manual Integrations
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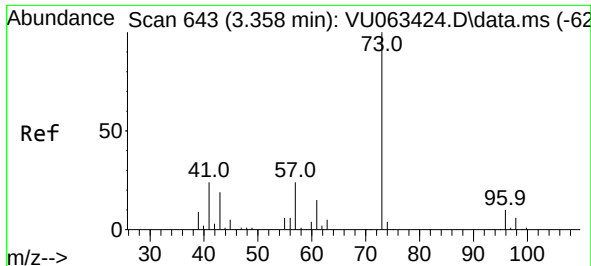
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#24
tert-Butyl Alcohol
Concen: 21.292 ug/l
RT: 3.200 min Scan# 594
Delta R.T. 0.009 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion: 59 Resp: 25998
Ion Ratio Lower Upper
59 100
57 9.2 7.8 11.8





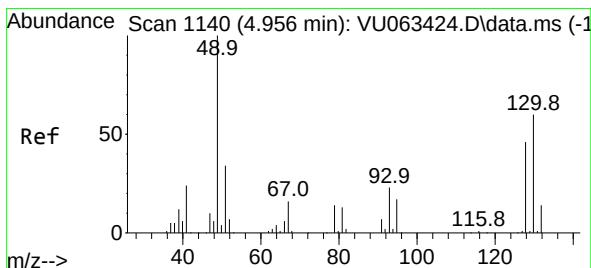
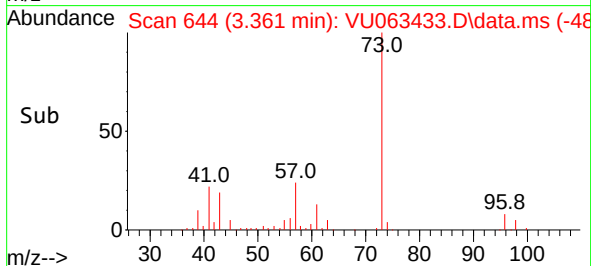
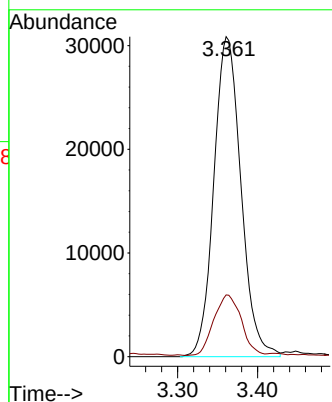
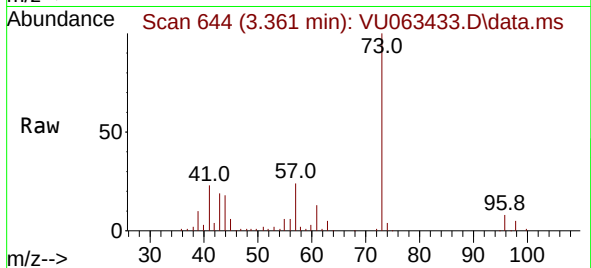
#25
Methyl tert-Butyl Ether
Concen: 2.078 ug/l
RT: 3.361 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

Tgt Ion: 73 Resp: 72586
Ion Ratio Lower Upper
73 100
43 19.0 15.1 22.7

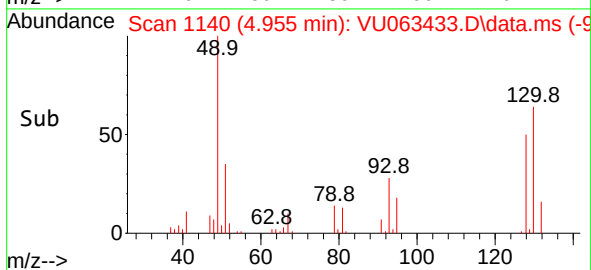
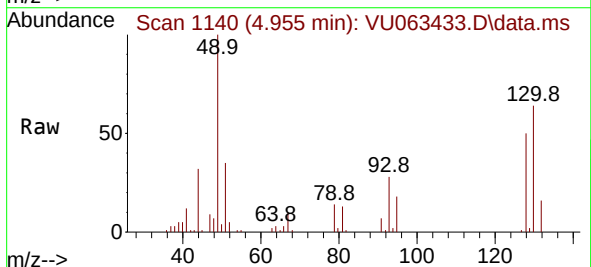
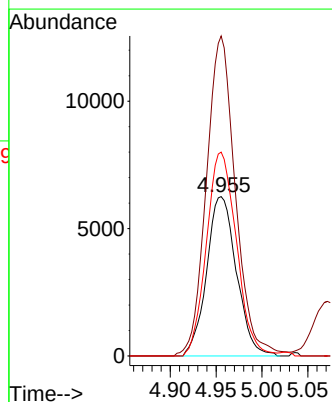
Manual Integrations
APPROVED

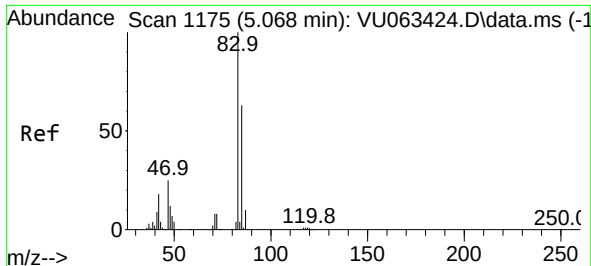
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#26
Bromochloromethane
Concen: 2.302 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion:128 Resp: 14136
Ion Ratio Lower Upper
128 100
49 195.6 0.0 441.2
130 128.9 102.3 153.5





#27

Chloroform

Concen: 2.149 ug/l

RT: 5.071 min Scan# 1175

Delta R.T. 0.003 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBSD01

Tgt Ion: 83 Resp: 61140

Ion Ratio Lower Upper

83 100

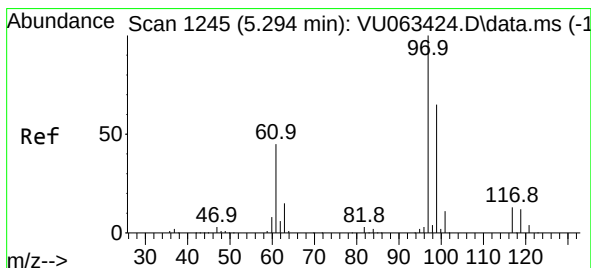
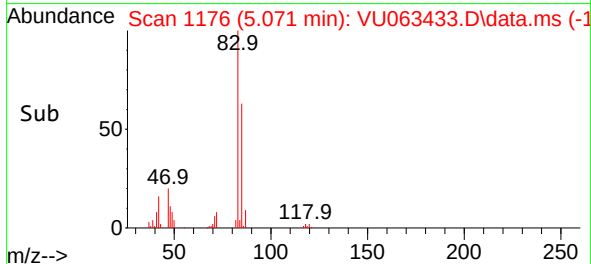
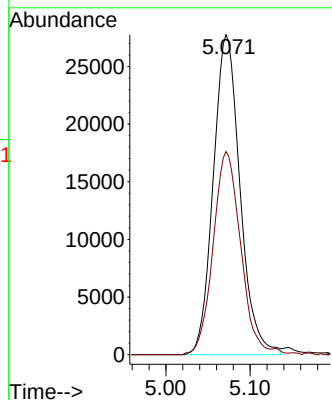
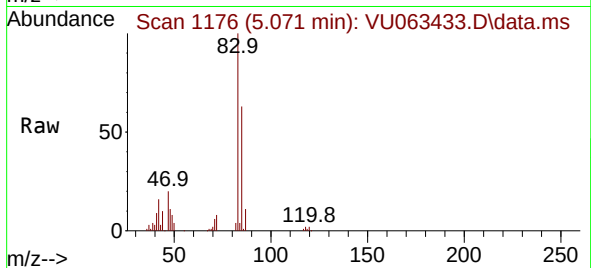
85 63.5 0.0 126.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#28

1,1,1-Trichloroethane

Concen: 2.100 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. 0.003 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

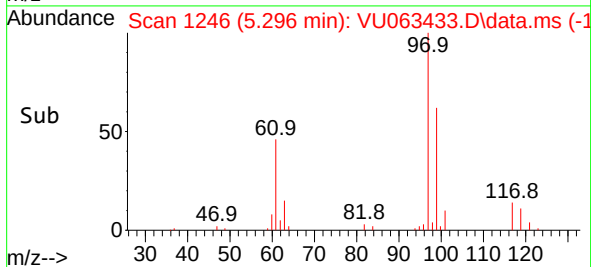
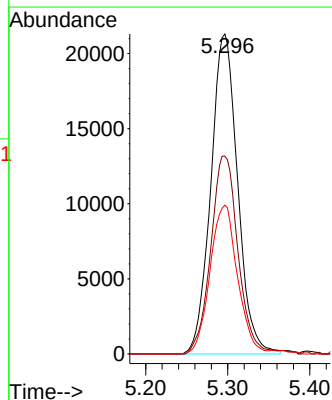
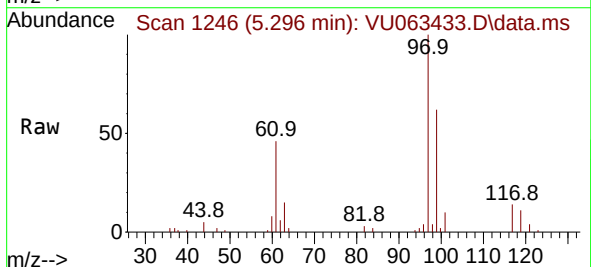
Tgt Ion: 97 Resp: 48456

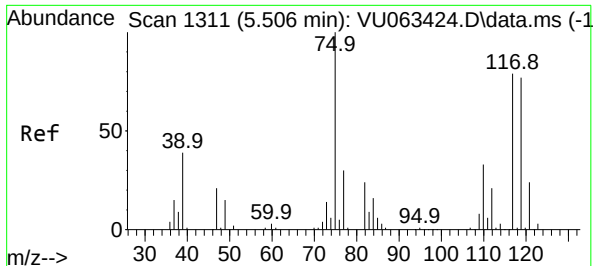
Ion Ratio Lower Upper

97 100

99 62.8 31.9 95.5

61 47.6 22.9 68.7





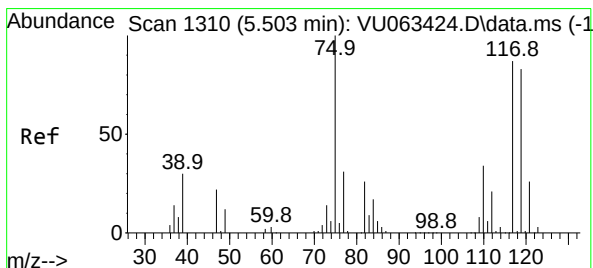
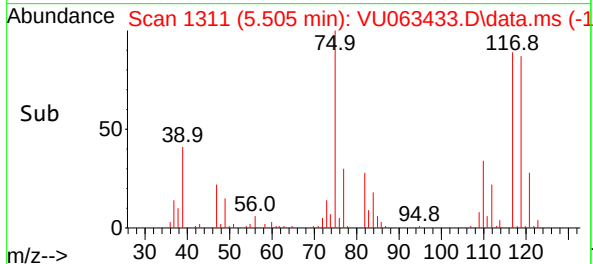
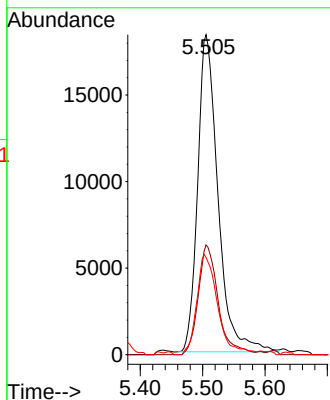
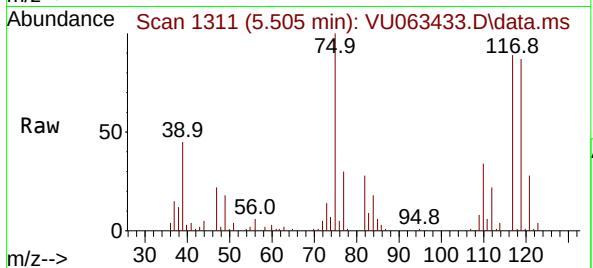
#29
1,1-Dichloropropene
Concen: 1.973 ug/l
RT: 5.505 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

Tgt Ion: 75 Resp: 41570
Ion Ratio Lower Upper
75 100
110 34.1 17.4 52.2
77 32.2 25.4 38.0

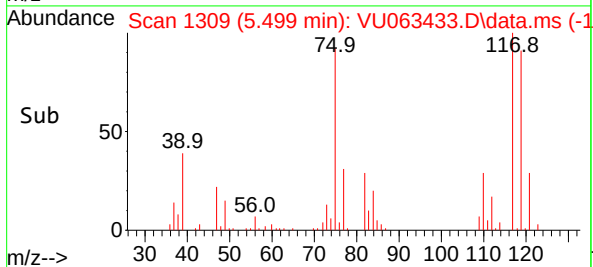
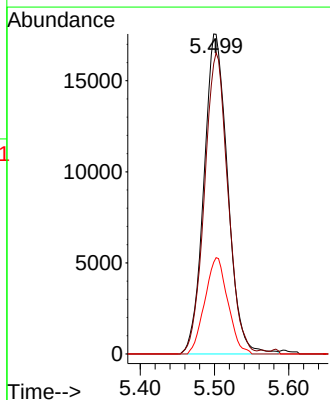
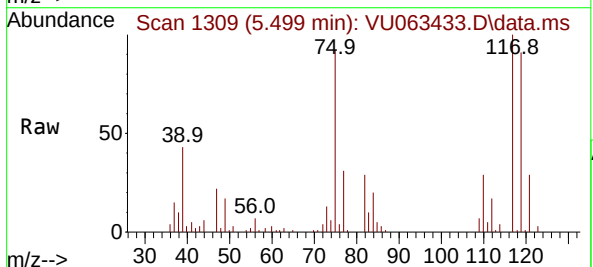
Manual Integrations
APPROVED

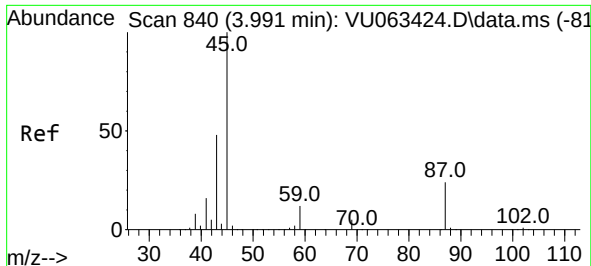
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#30
Carbon Tetrachloride
Concen: 2.121 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.004 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

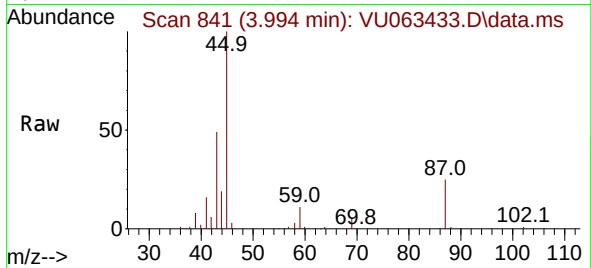
Tgt Ion:117 Resp: 39088
Ion Ratio Lower Upper
117 100
119 90.8 76.7 115.1
121 28.7 24.3 36.5





#31
Isopropyl Ether
Concen: 2.107 ug/l
RT: 3.994 min Scan# 840
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

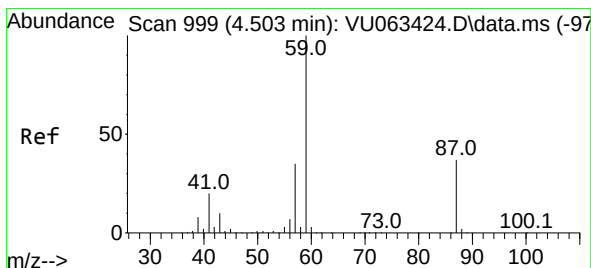
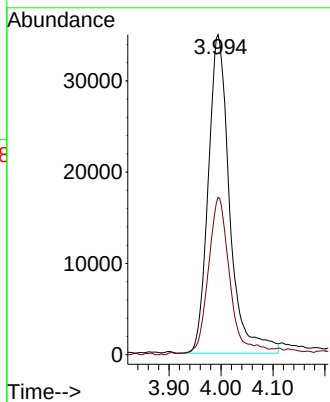
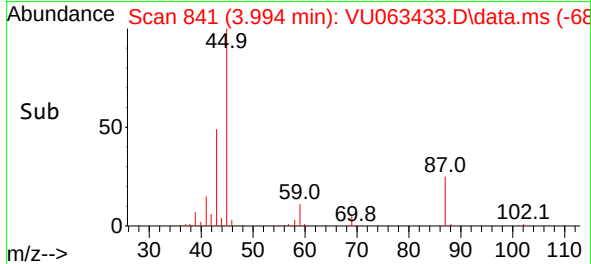
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01



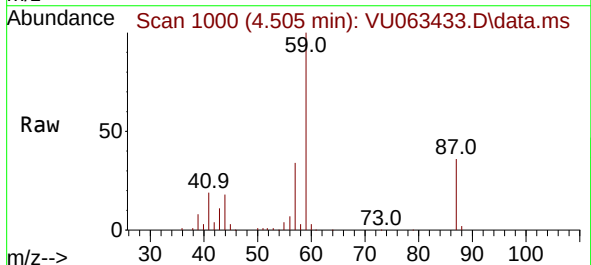
Tgt Ion: 45 Resp: 9990
Ion Ratio Lower Upper
45 100
43 47.4 23.8 71.5

Manual Integrations
APPROVED

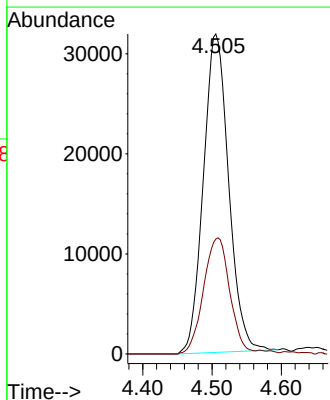
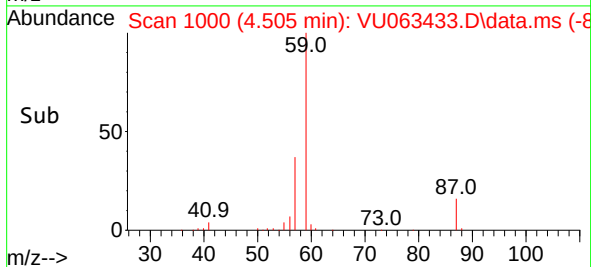
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

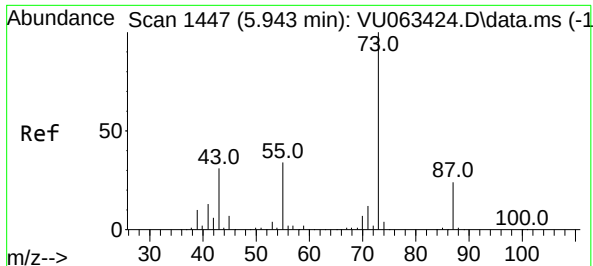


#32
Ethyl-t-butyl ether
Concen: 2.009 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.002 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16



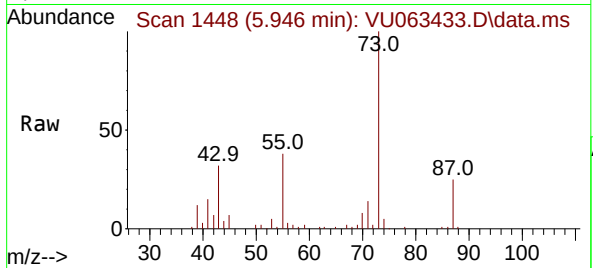
Tgt Ion: 59 Resp: 80724
Ion Ratio Lower Upper
59 100
87 36.6 29.9 44.9





#33
Tert-Amyl methyl ether
Concen: 1.837 ug/l
RT: 5.946 min Scan# 1447
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

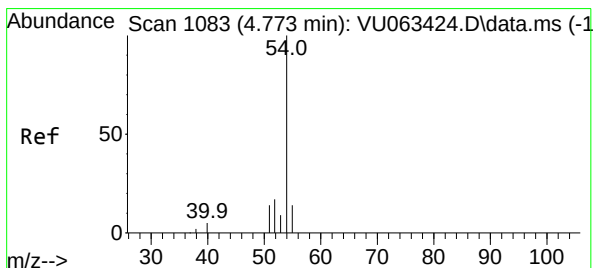
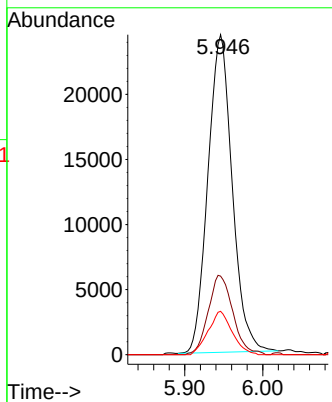
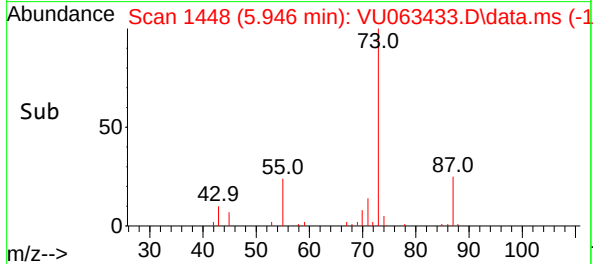
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01



Tgt Ion: 73 Resp: 5284
Ion Ratio Lower Upper
73 100
87 25.3 18.1 27.1
71 13.5 10.0 15.0

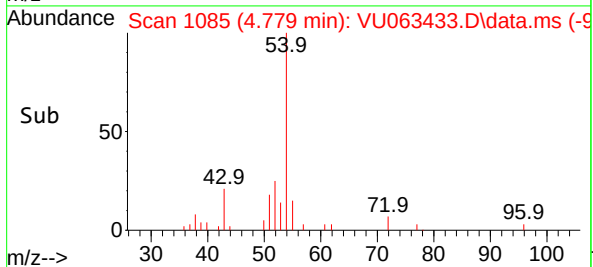
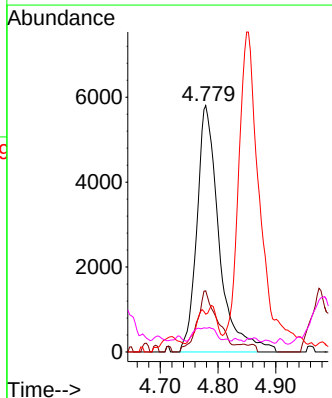
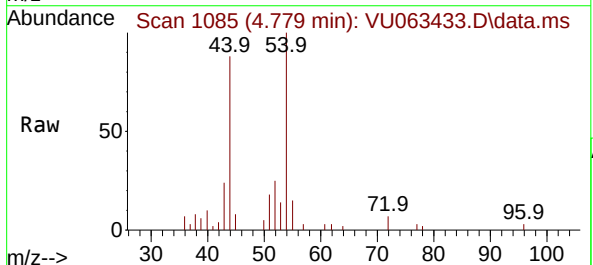
Manual Integrations
APPROVED

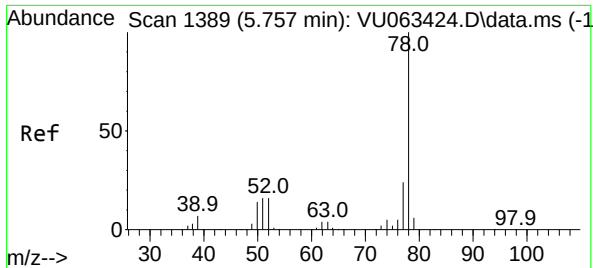
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#34
Propionitrile
Concen: 10.340 ug/l
RT: 4.779 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion: 54 Resp: 15493
Ion Ratio Lower Upper
54 100
52 22.6 14.8 22.2#
55 6.0 12.2 18.2#
40 1.9 4.8 7.2#





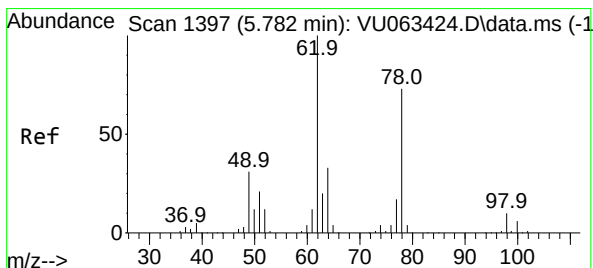
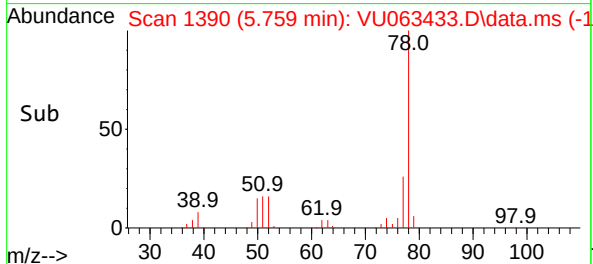
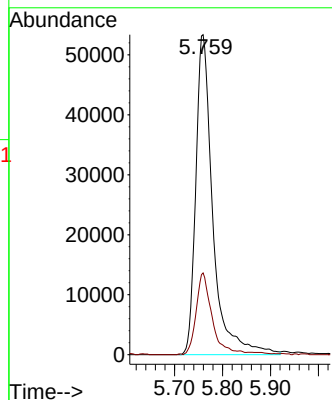
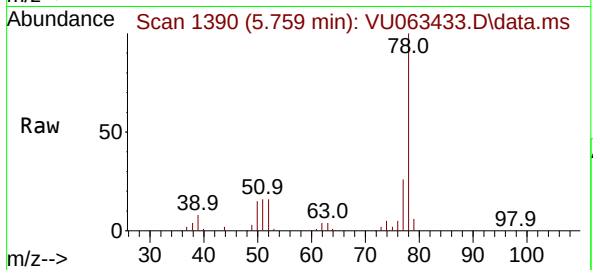
#35
Benzene
Concen: 2.065 ug/l
RT: 5.759 min Scan# 1389
Delta R.T. 0.002 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

Tgt Ion: 78 Resp: 131629
Ion Ratio Lower Upper
78 100
77 25.3 19.4 29.2

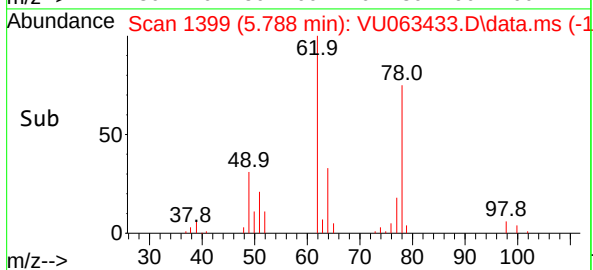
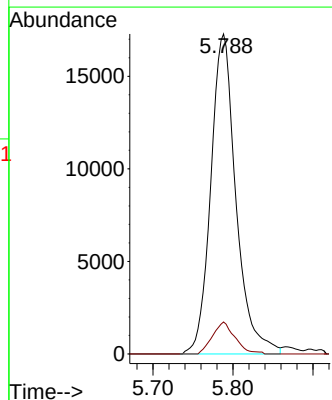
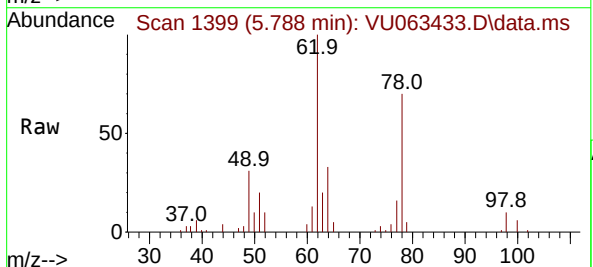
Manual Integrations
APPROVED

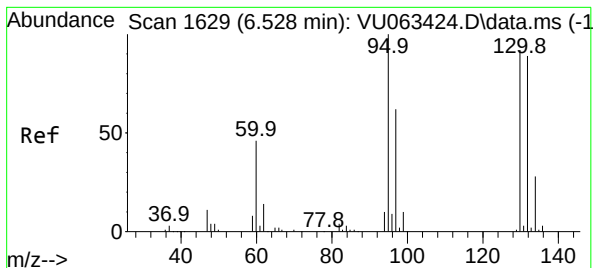
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#36
1,2-Dichloroethane
Concen: 2.030 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion: 62 Resp: 37840
Ion Ratio Lower Upper
62 100
98 8.9 7.1 10.7





#37

Trichloroethene

Concen: 2.046 ug/l

RT: 6.534 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBSD01

Tgt Ion:130 Resp: 30828

Ion Ratio Lower Upper

130 100

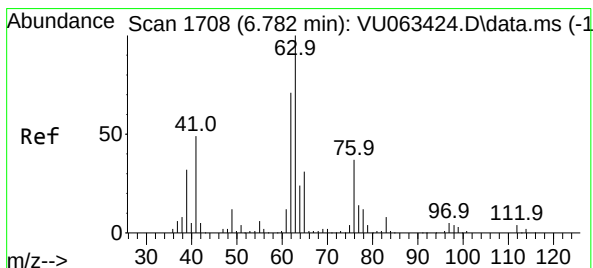
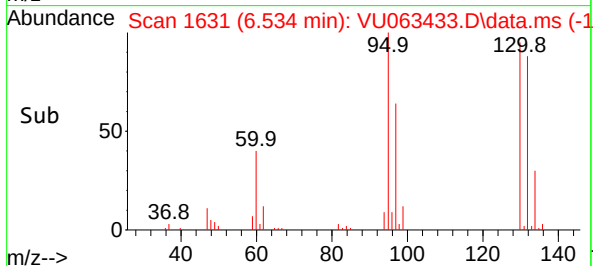
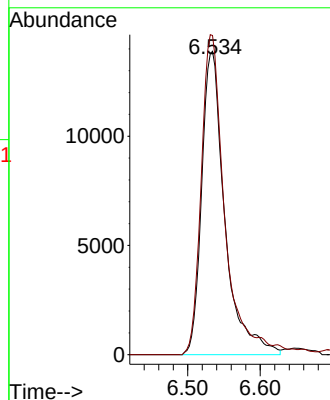
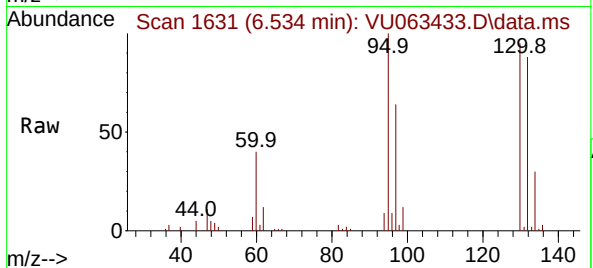
95 105.2 87.2 130.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#38

1,2-Dichloropropane

Concen: 2.054 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VU063433.D

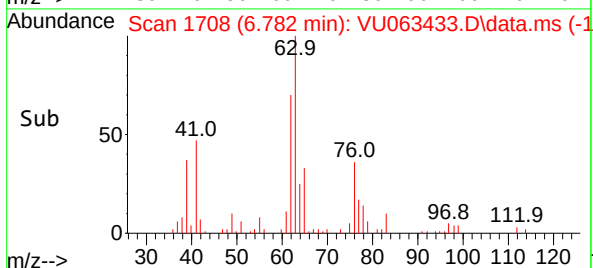
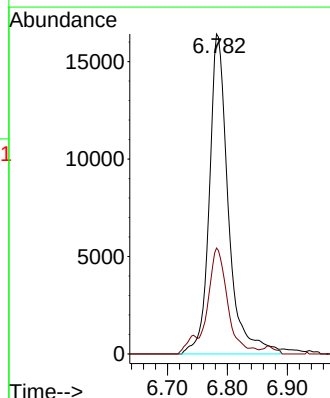
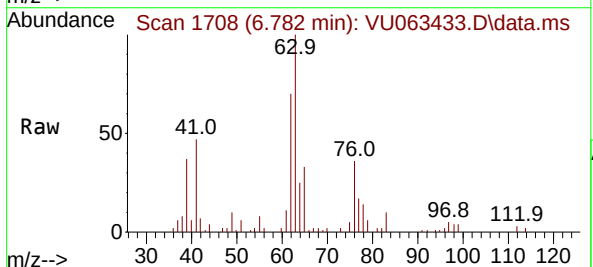
Acq: 24 Jun 2025 12:16

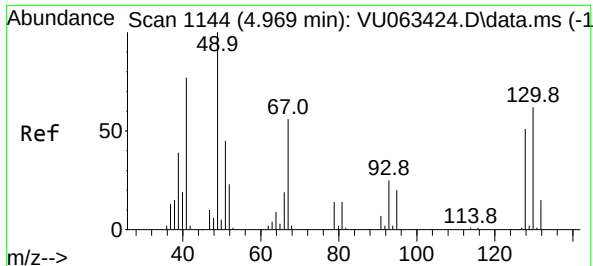
Tgt Ion: 63 Resp: 36163

Ion Ratio Lower Upper

63 100

65 32.4 25.0 37.6





#39

Methacrylonitrile

Concen: 1.712 ug/l

RT: 4.978 min Scan# 1144

Delta R.T. 0.009 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBSD01

Tgt Ion: 41 Resp: 1067

Ion Ratio Lower Upper

41 100

67 80.2 59.8 89.8

39 55.6 40.7 61.1

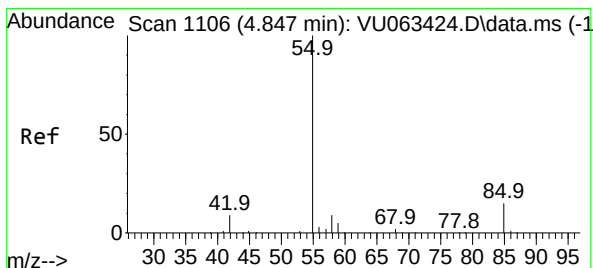
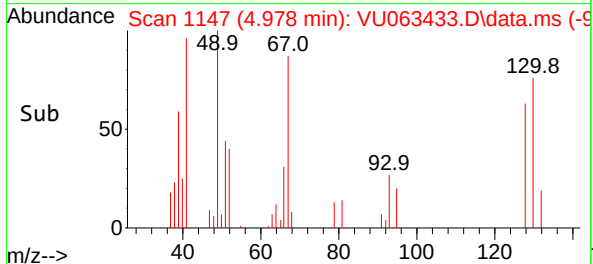
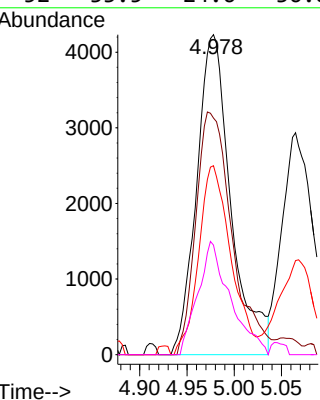
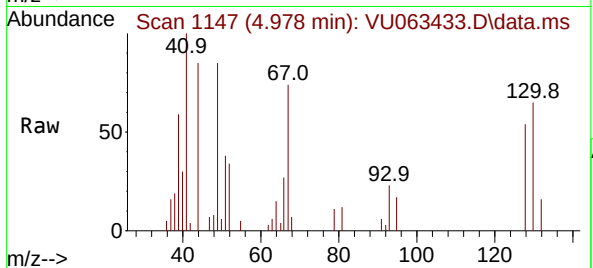
52 33.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#40

Methyl acrylate

Concen: 2.081 ug/l

RT: 4.849 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Tgt Ion: 55 Resp: 18218

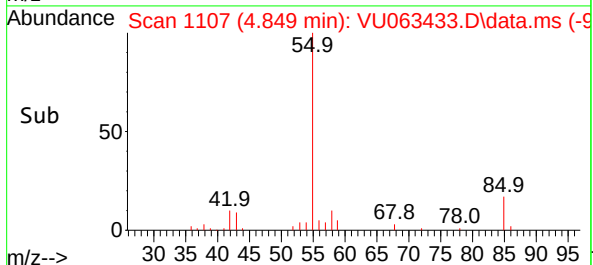
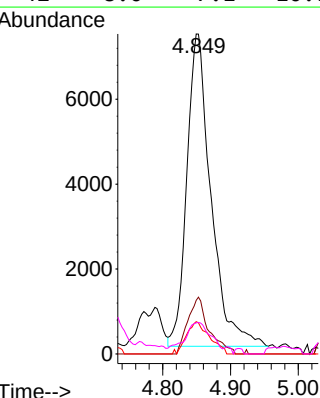
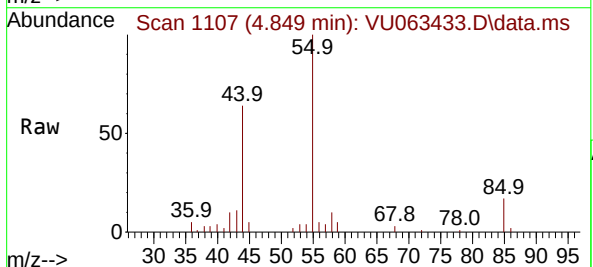
Ion Ratio Lower Upper

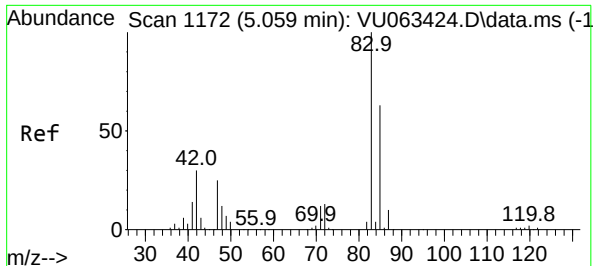
55 100

85 15.8 12.6 19.0

58 9.8 6.9 10.3

42 8.0 7.1 10.7





#41

Tetrahydrofuran

Concen: 3.477 ug/l

RT: 5.065 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

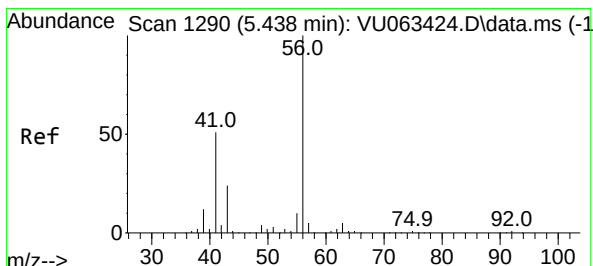
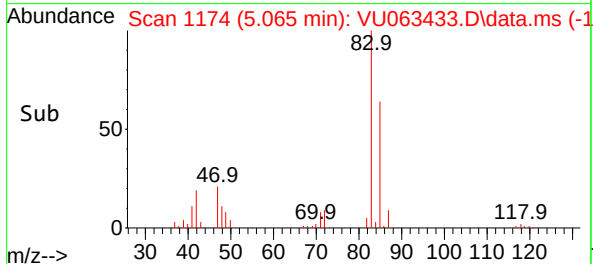
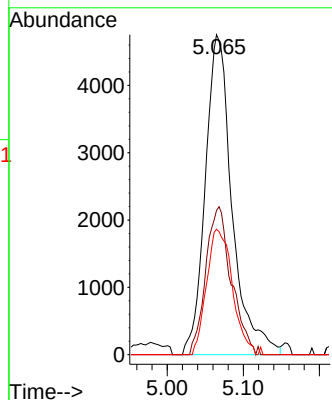
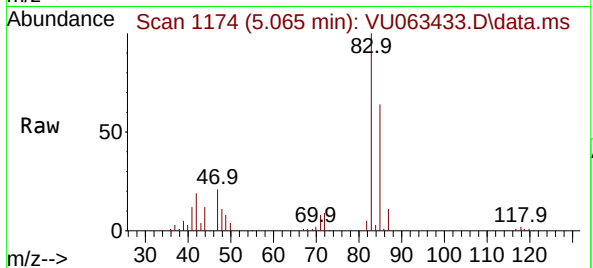
VU0624WBSD01

Tgt Ion:	42	Resp:	1165
Ion Ratio	Lower	Upper	
42	100		
72	44.1	35.4	53.2
71	37.6	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#42

1-Chlorobutane

Concen: 1.897 ug/l

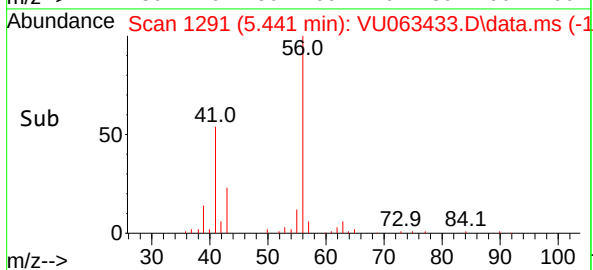
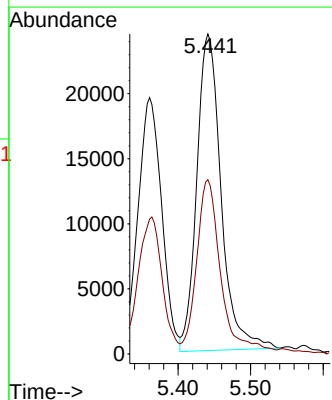
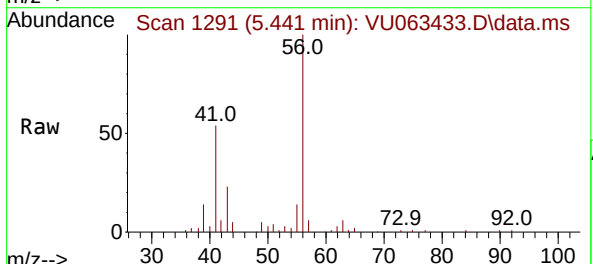
RT: 5.441 min Scan# 1291

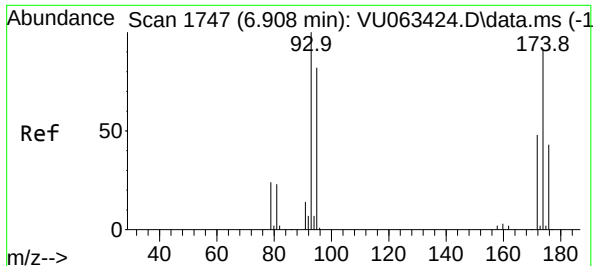
Delta R.T. 0.003 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

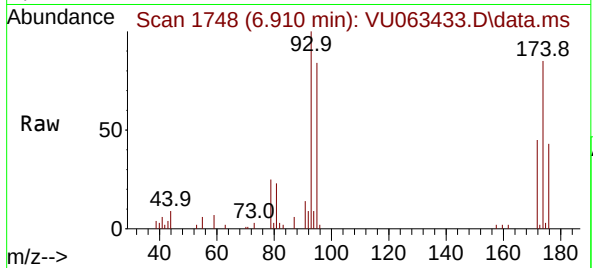
Tgt Ion:	56	Resp:	56729
Ion Ratio	Lower	Upper	
56	100		
41	54.3	26.4	79.0





#43
Dibromomethane
Concen: 2.075 ug/l
RT: 6.910 min Scan# 1706
Delta R.T. 0.002 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

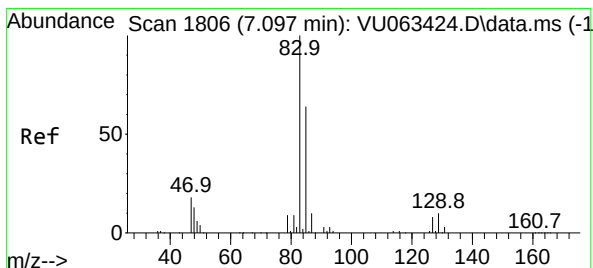
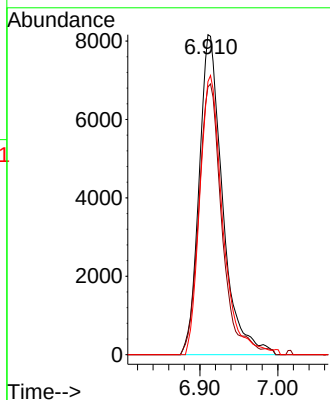
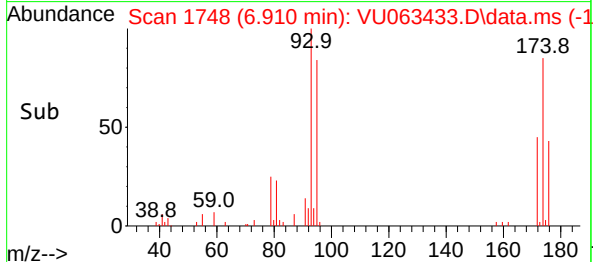
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01



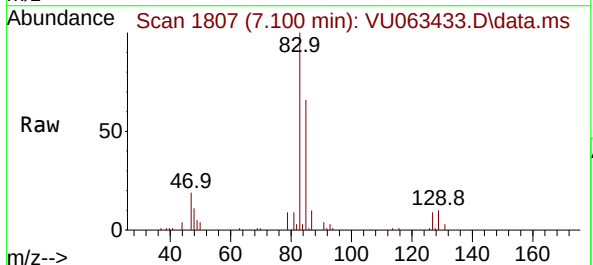
Tgt Ion: 93 Resp: 1706
Ion Ratio Lower Upper
93 100
95 82.8 66.7 100.1
174 85.1 71.1 106.7

Manual Integrations
APPROVED

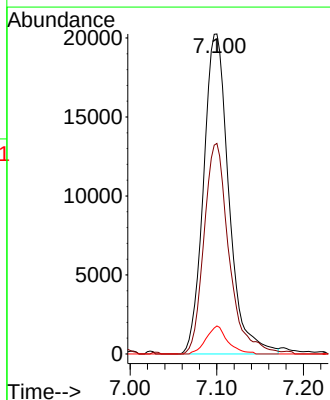
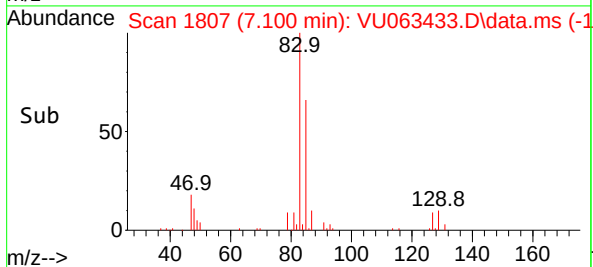
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

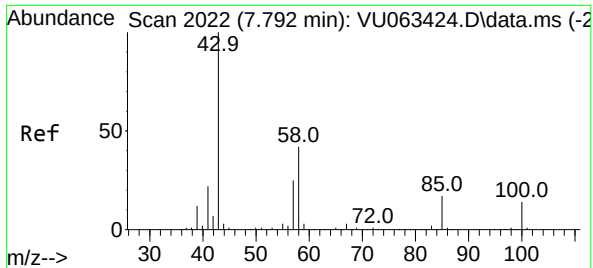


#44
Bromodichloromethane
Concen: 2.056 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16



Tgt Ion: 83 Resp: 41184
Ion Ratio Lower Upper
83 100
85 65.8 51.4 77.2
127 9.3 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 9.527 ug/l

RT: 7.798 min Scan# 2022

Delta R.T. 0.006 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

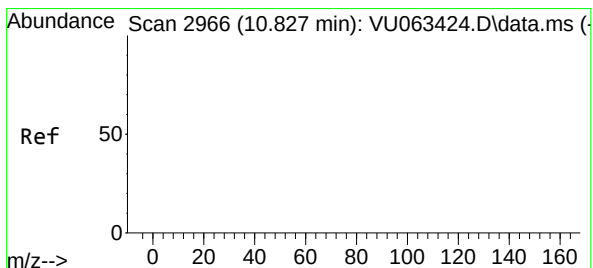
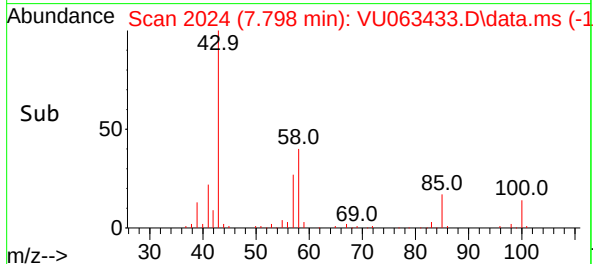
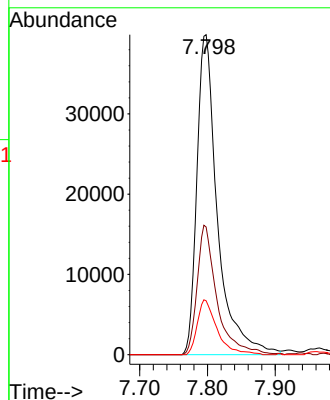
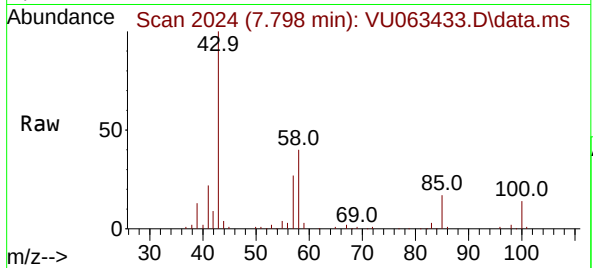
VU0624WBSD01

Tgt Ion: 43 Resp: 8411
 Ion Ratio Lower Upper
 43 100
 58 38.9 20.5 61.6
 85 16.5 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#46

t-1,4-Dichloro-2-butene

Concen: 3.914 ug/l m

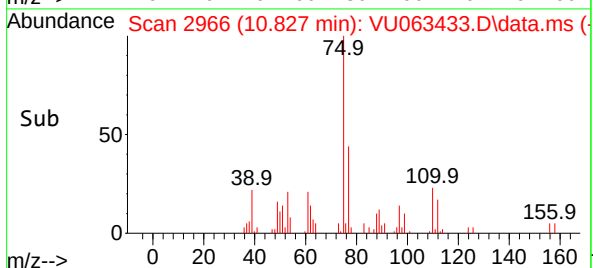
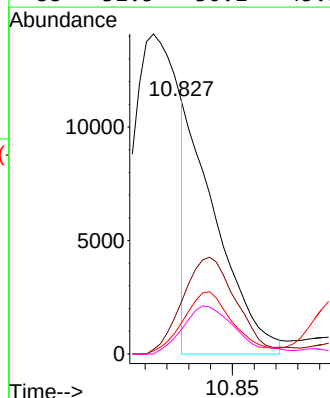
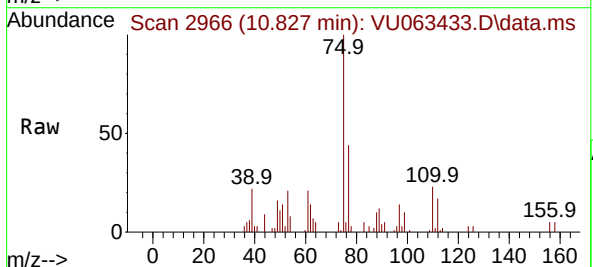
RT: 10.827 min Scan# 2966

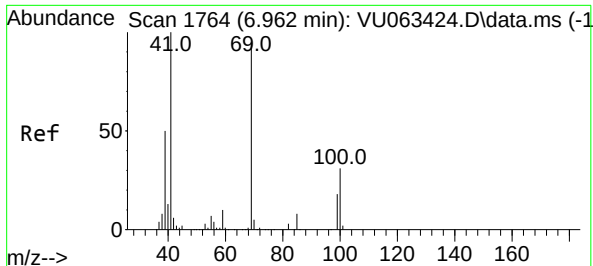
Delta R.T. -0.000 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

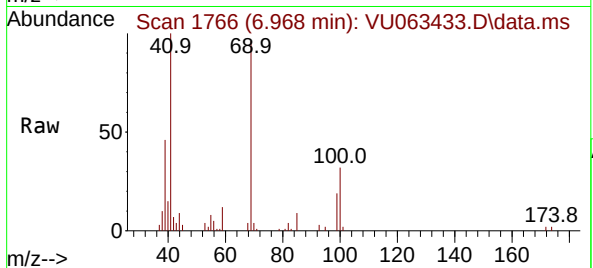
Tgt Ion: 75 Resp: 11360
 Ion Ratio Lower Upper
 75 100
 53 65.4 61.4 92.2
 89 38.5 39.2 58.8#
 88 31.5 30.1 45.1





#47
Methyl methacrylate
Concen: 3.922 ug/l
RT: 6.968 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

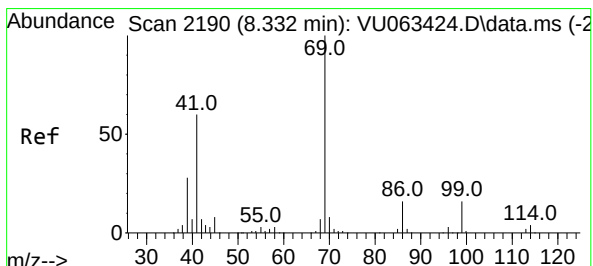
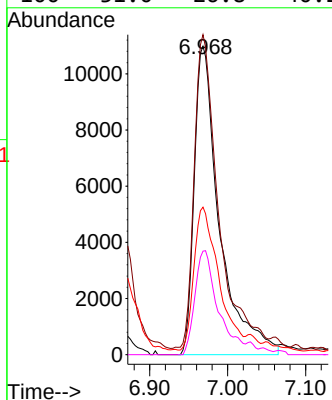
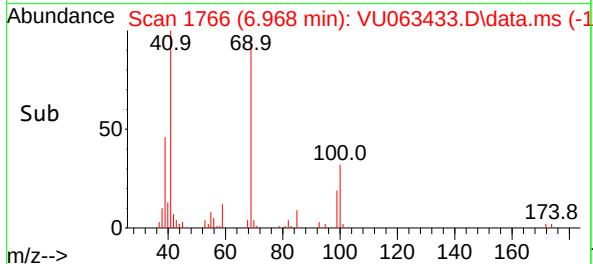
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01



Tgt Ion: 69 Resp: 2469
Ion Ratio Lower Upper
69 100
41 96.9 0.0 212.6
39 45.5 40.6 61.0
100 31.0 26.8 40.2

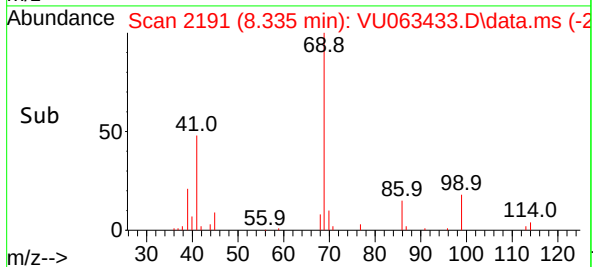
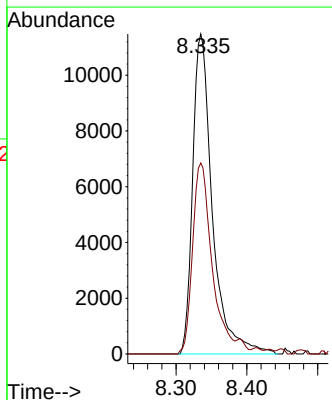
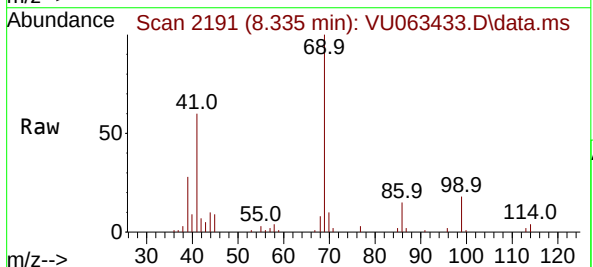
Manual Integrations
APPROVED

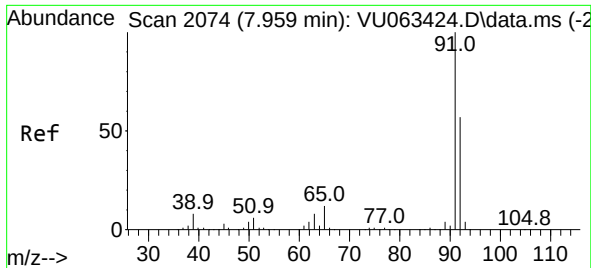
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#48
Ethyl methacrylate
Concen: 2.030 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion: 69 Resp: 22157
Ion Ratio Lower Upper
69 100
41 58.6 30.6 92.0





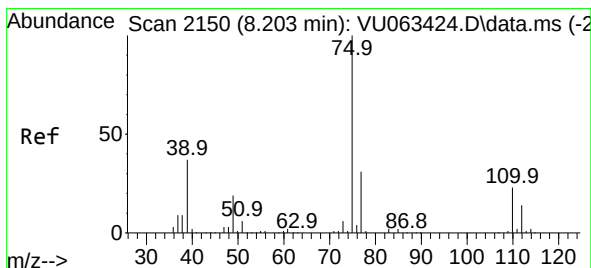
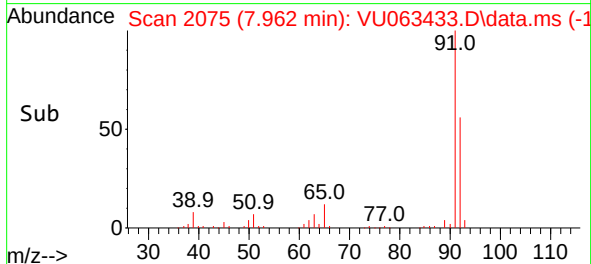
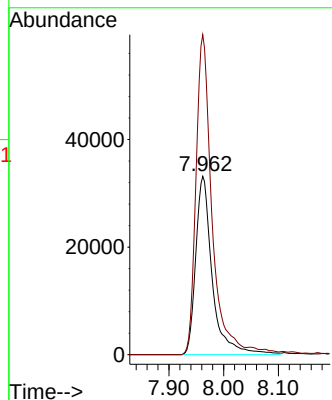
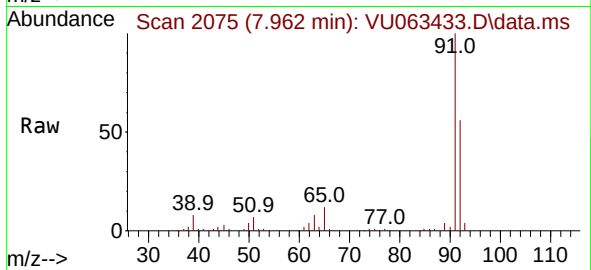
#49
Toluene
Concen: 1.995 ug/l
RT: 7.962 min Scan# 2074
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

Tgt Ion: 92 Resp: 69828
Ion Ratio Lower Upper
92 100
91 169.9 142.0 213.0

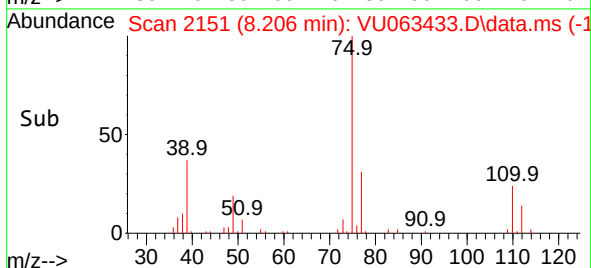
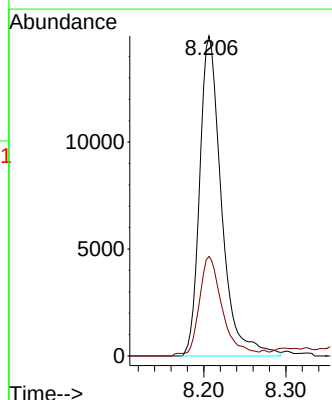
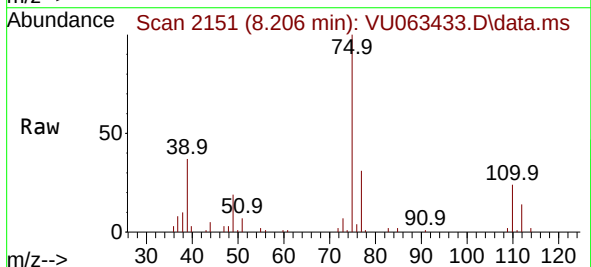
Manual Integrations
APPROVED

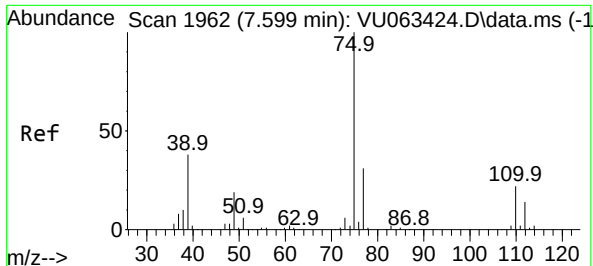
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#50
t-1,3-Dichloropropene
Concen: 1.910 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

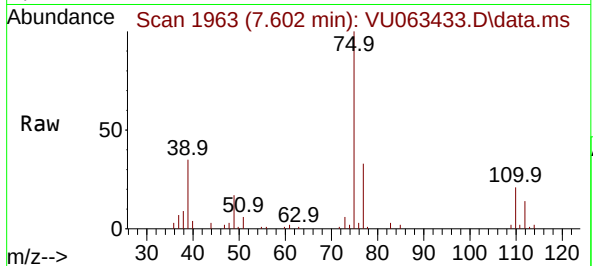
Tgt Ion: 75 Resp: 27590
Ion Ratio Lower Upper
75 100
77 30.3 24.5 36.7





#51
 cis-1,3-Dichloropropene
 Concen: 1.994 ug/l
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU063433.D
 Acq: 24 Jun 2025 12:16

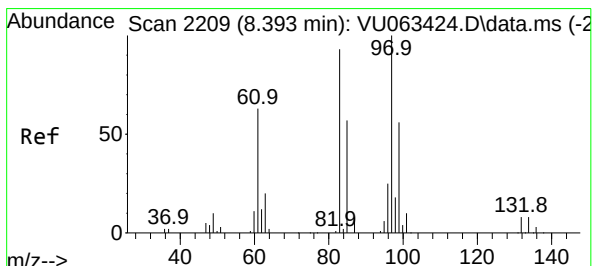
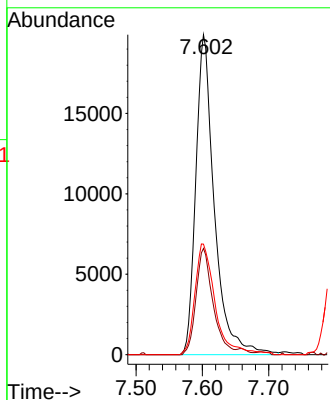
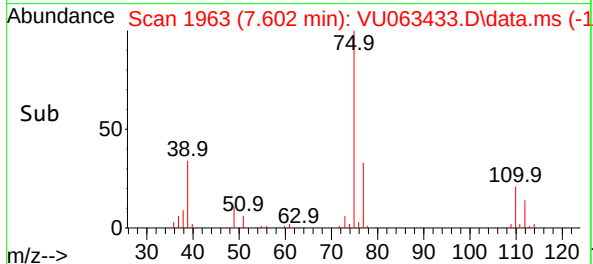
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0624WBSD01



Tgt Ion: 75 Resp: 38692
 Ion Ratio Lower Upper
 75 100
 77 33.2 24.8 37.2
 39 34.6 30.7 46.1

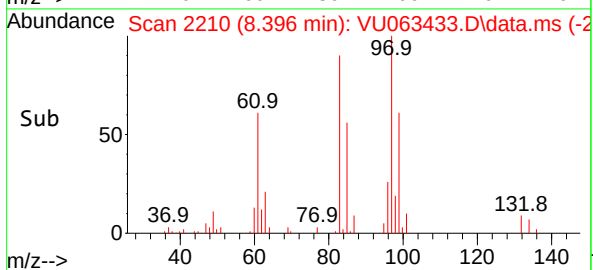
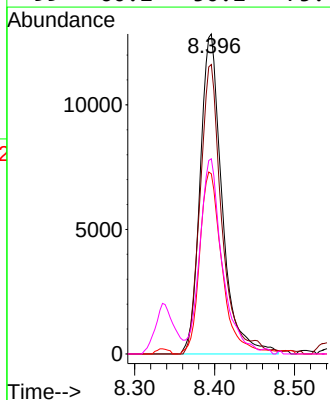
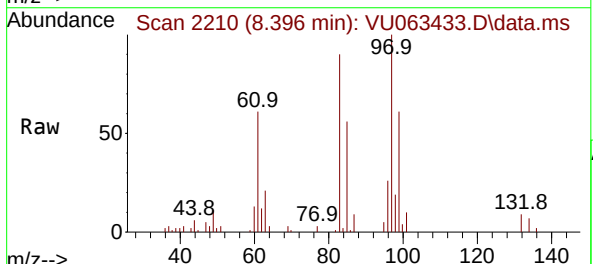
Manual Integrations
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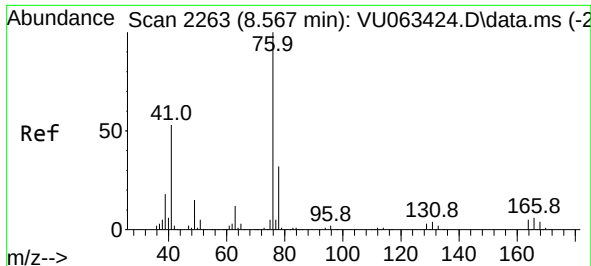
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#52
 1,1,2-Trichloroethane
 Concen: 2.046 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU063433.D
 Acq: 24 Jun 2025 12:16

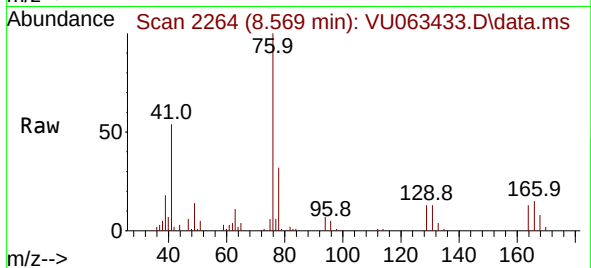
Tgt Ion: 97 Resp: 24606
 Ion Ratio Lower Upper
 97 100
 83 90.4 74.1 111.1
 85 56.3 45.8 68.8
 99 60.2 50.2 75.4





#53
1,3-Dichloropropane
Concen: 2.010 ug/l
RT: 8.569 min Scan# 2101
Delta R.T. 0.002 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

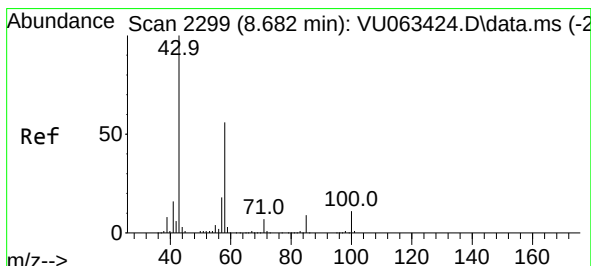
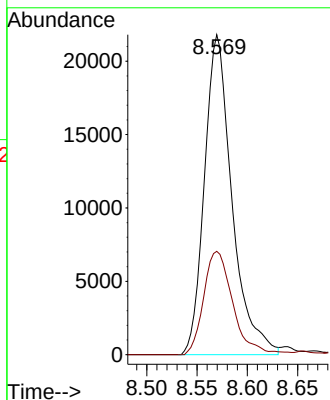
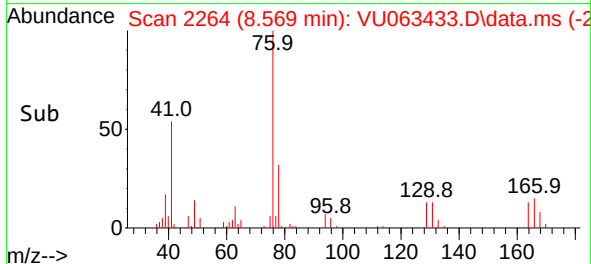
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01



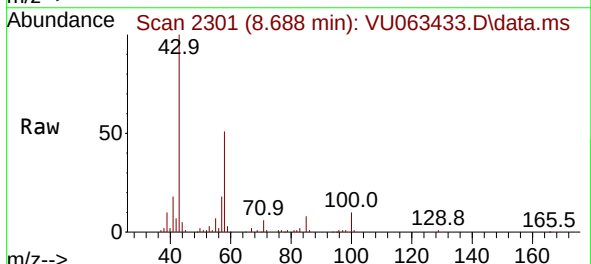
Tgt Ion: 76 Resp: 4158
Ion Ratio Lower Upper
76 100
78 34.3 25.7 38.5

Manual Integrations
APPROVED

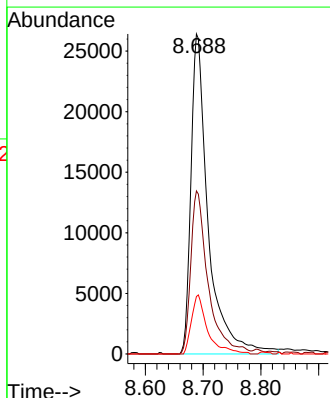
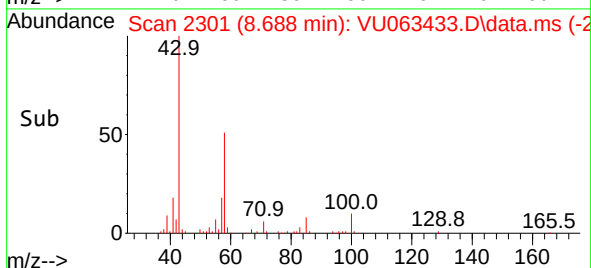
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

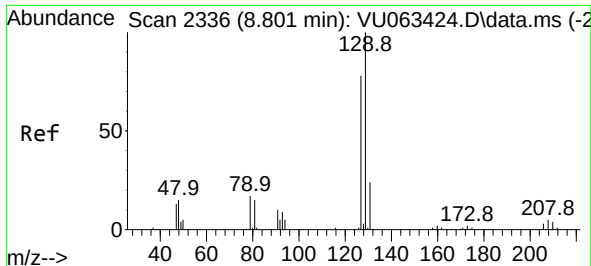


#54
2-Hexanone
Concen: 9.809 ug/l
RT: 8.688 min Scan# 2301
Delta R.T. 0.006 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16



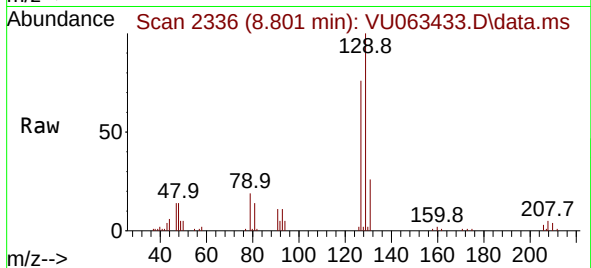
Tgt Ion: 43 Resp: 54892
Ion Ratio Lower Upper
43 100
58 51.1 36.9 76.9
57 17.3 0.0 38.8





#55
Dibromochloromethane
Concen: 2.018 ug/l
RT: 8.801 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

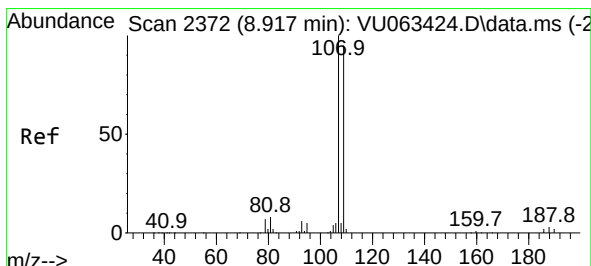
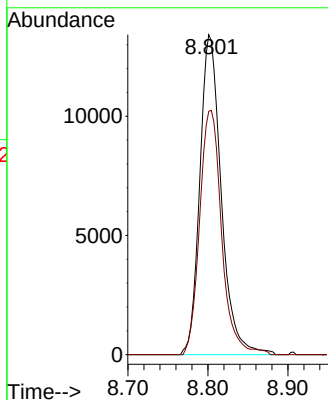
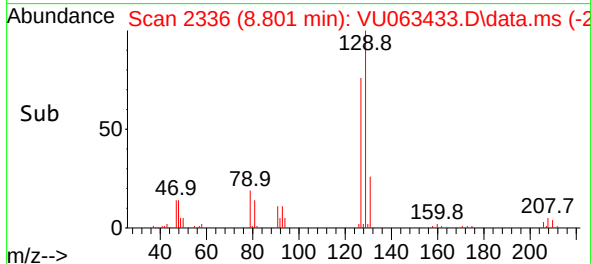
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01



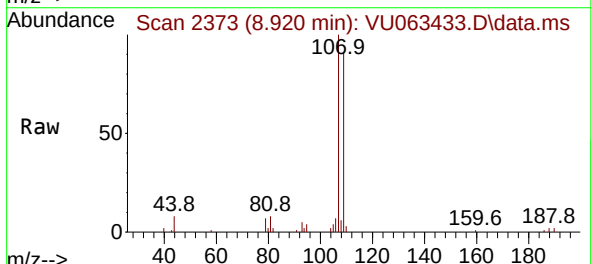
Tgt Ion:129 Resp: 25038
Ion Ratio Lower Upper
129 100
127 78.3 62.6 93.8

Manual Integrations
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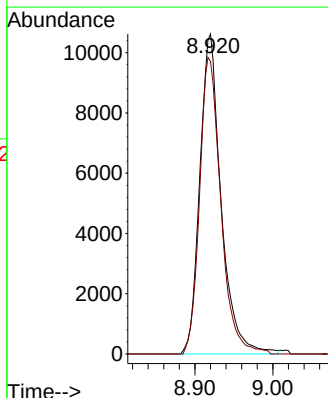
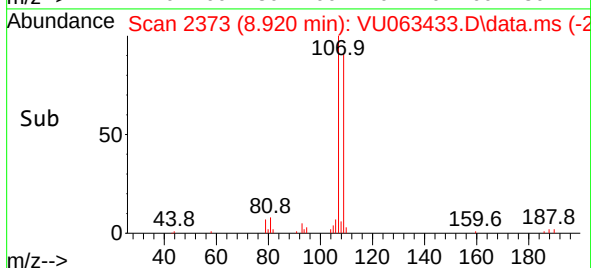
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

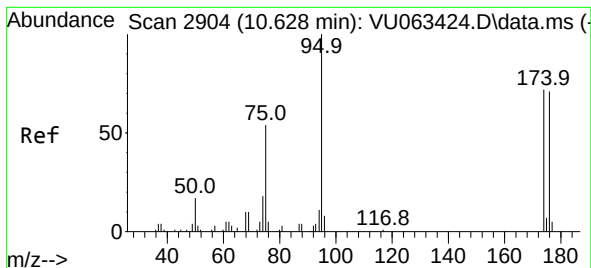


#56
1,2-Dibromoethane
Concen: 2.069 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16



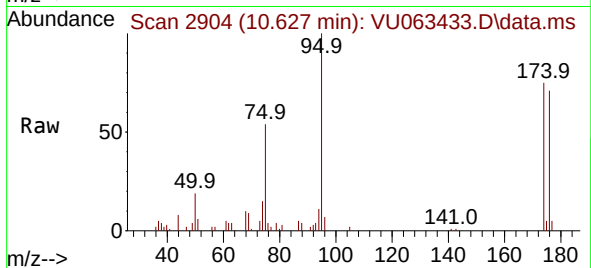
Tgt Ion:107 Resp: 20163
Ion Ratio Lower Upper
107 100
109 92.3 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 0.999 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.001 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

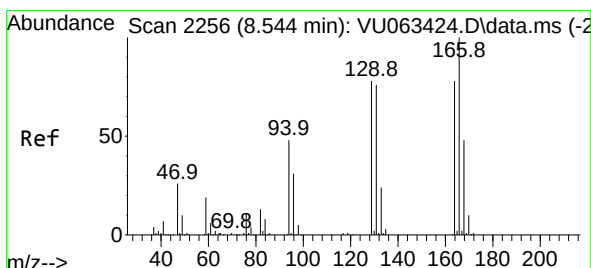
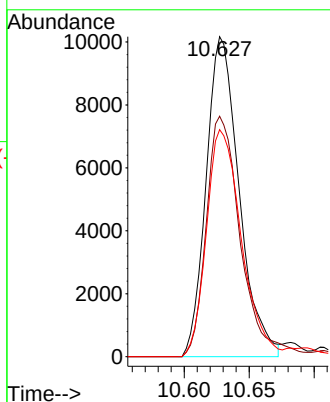
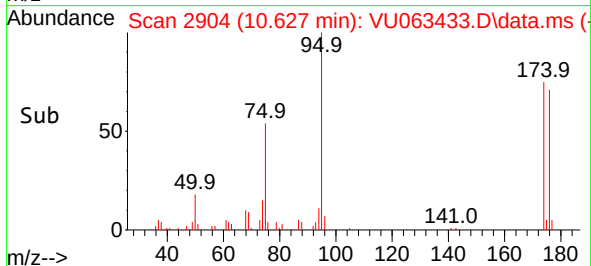
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01



Tgt Ion: 95 Resp: 17940
Ion Ratio Lower Upper
95 100
174 78.2 59.4 89.2
176 75.0 57.8 86.6

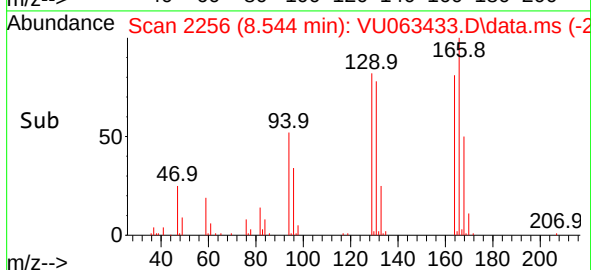
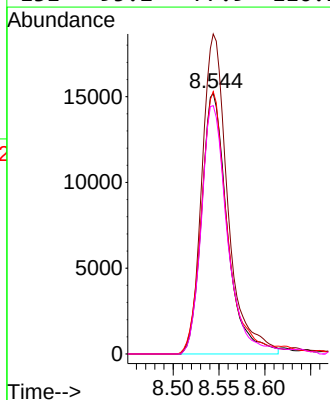
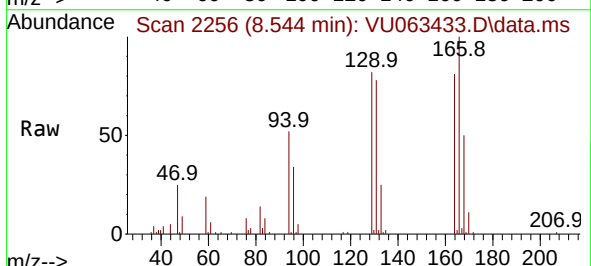
Manual Integrations
APPROVED

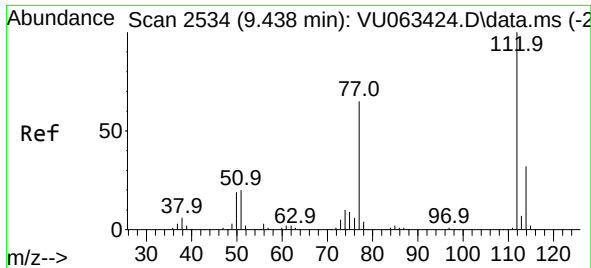
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#58
Tetrachloroethene
Concen: 2.001 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion:164 Resp: 29570
Ion Ratio Lower Upper
164 100
166 122.7 102.8 154.2
129 100.7 80.2 120.2
131 95.2 77.9 116.9





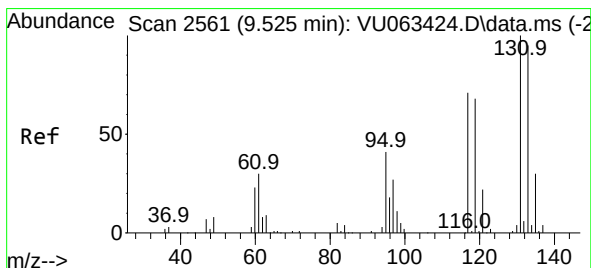
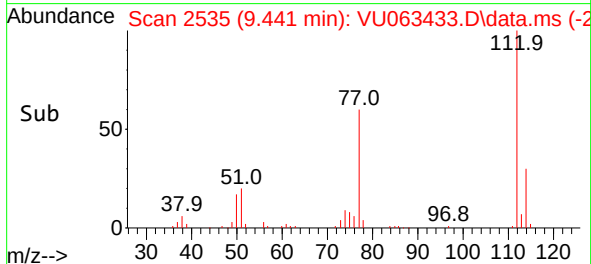
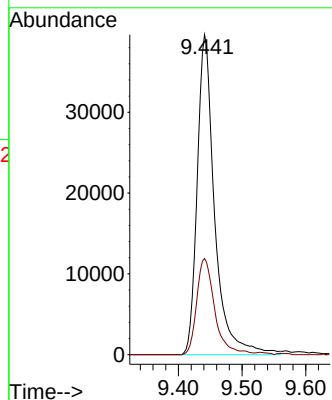
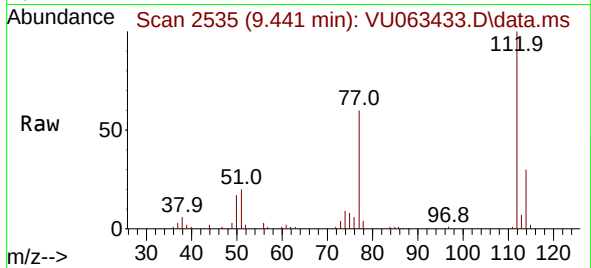
#59
Chlorobenzene
Concen: 2.013 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

Tgt Ion:112 Resp: 7541
Ion Ratio Lower Upper
112 100
114 30.1 25.7 38.5

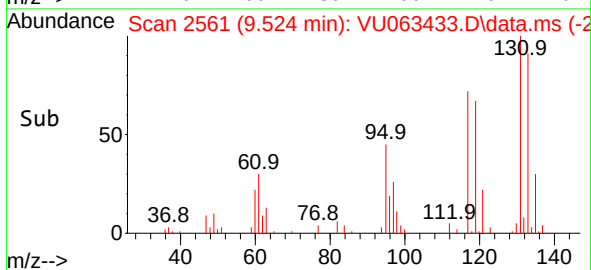
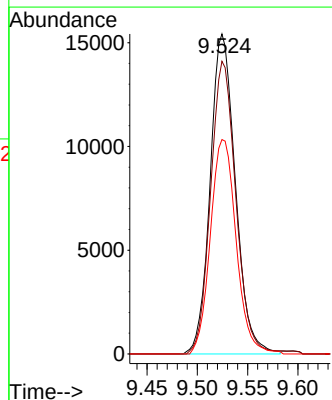
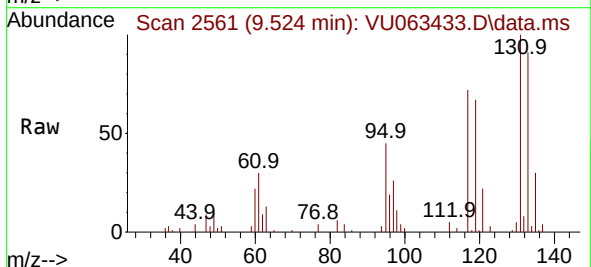
Manual Integrations
APPROVED

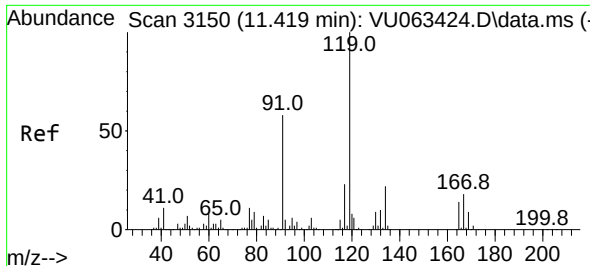
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 1.995 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.001 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion:131 Resp: 26908
Ion Ratio Lower Upper
131 100
133 91.8 76.1 114.1
119 68.6 53.7 80.5





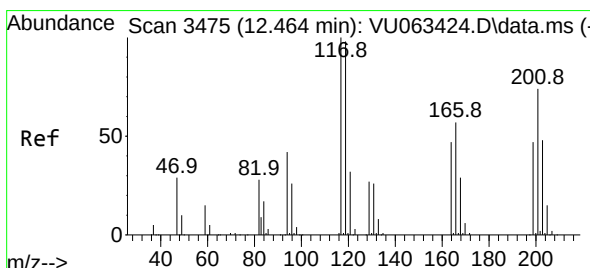
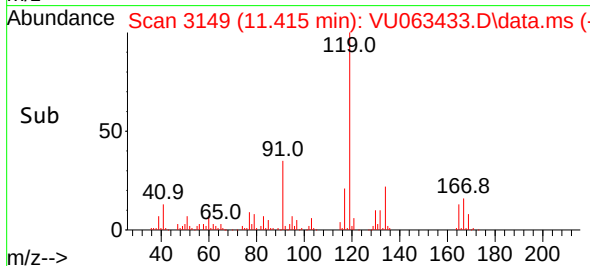
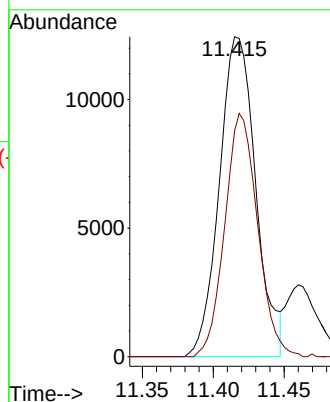
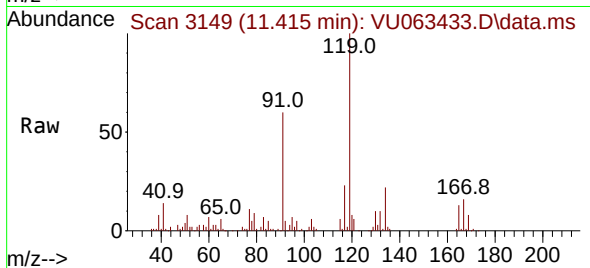
#61
Pentachloroethane
Concen: 2.028 ug/l
RT: 11.415 min Scan# 3150
Delta R.T. -0.004 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

Tgt Ion:117 Resp: 22285
Ion Ratio Lower Upper
117 100
167 68.6 58.1 87.1

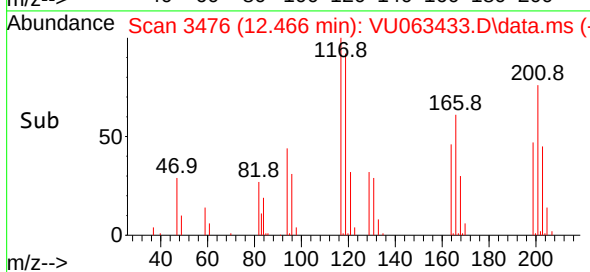
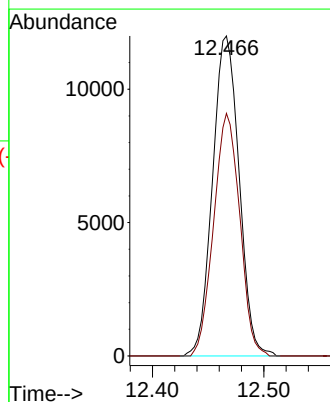
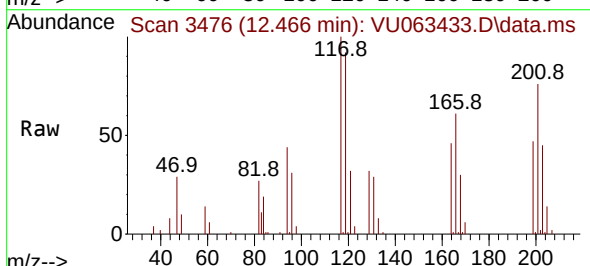
Manual Integrations
APPROVED

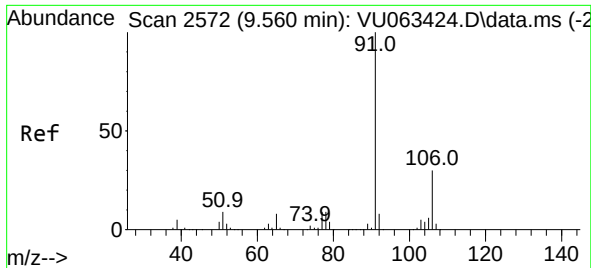
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#62
Hexachloroethane
Concen: 2.014 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

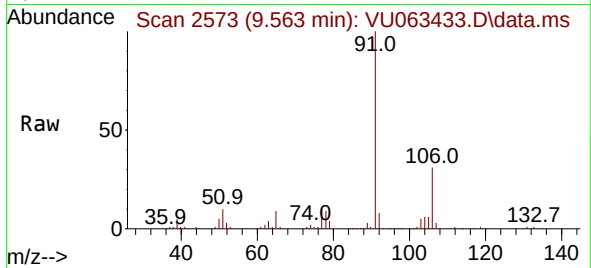
Tgt Ion:117 Resp: 19905
Ion Ratio Lower Upper
117 100
201 74.3 60.4 90.6





#63
Ethyl Benzene
Concen: 1.909 ug/l
RT: 9.563 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

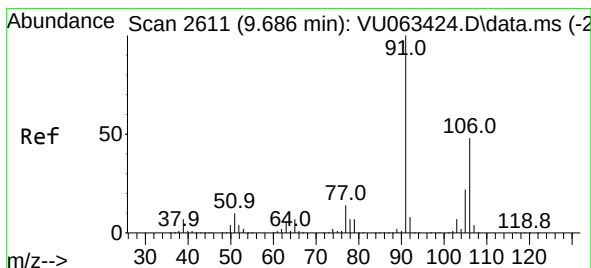
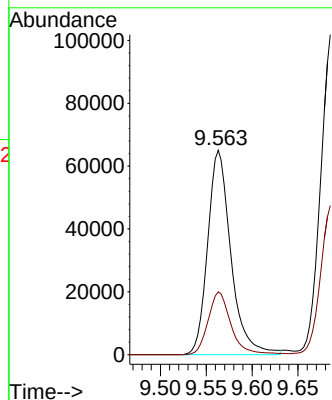
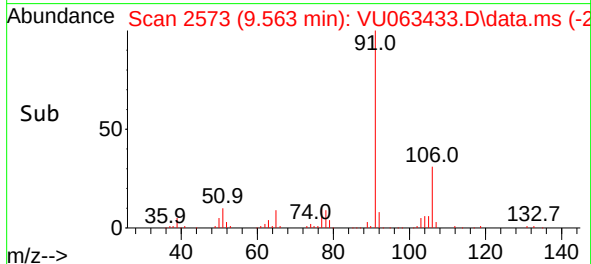
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01



Tgt Ion: 91 Resp: 11469
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.2

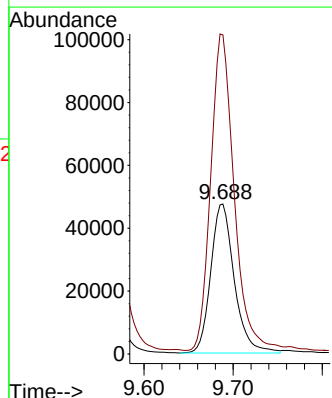
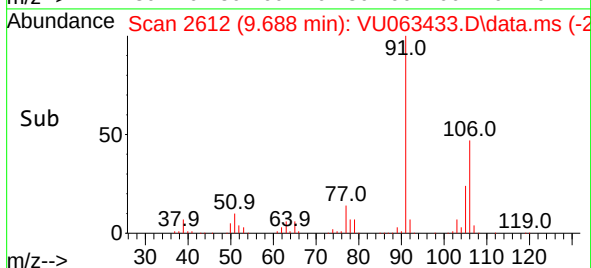
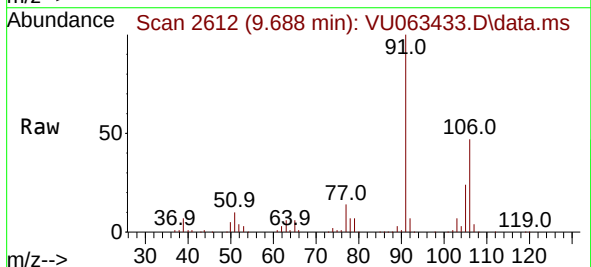
Manual Integrations
APPROVED

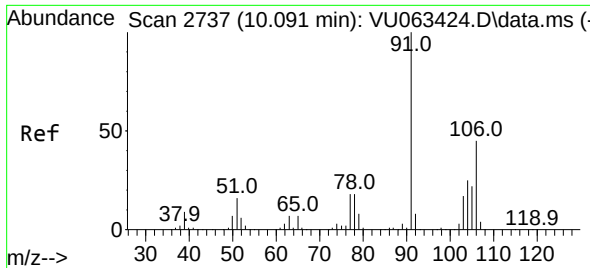
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#64
m/p-Xylenes
Concen: 3.731 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.002 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion:106 Resp: 87004
Ion Ratio Lower Upper
106 100
91 217.4 169.9 254.9





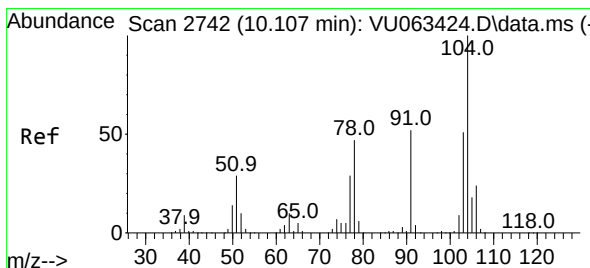
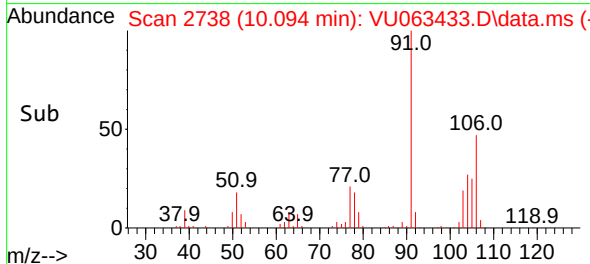
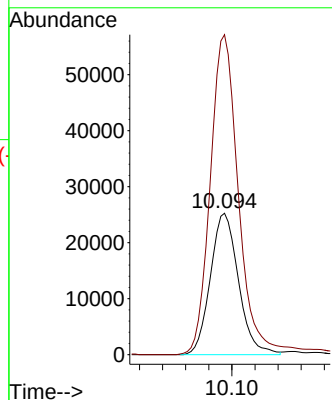
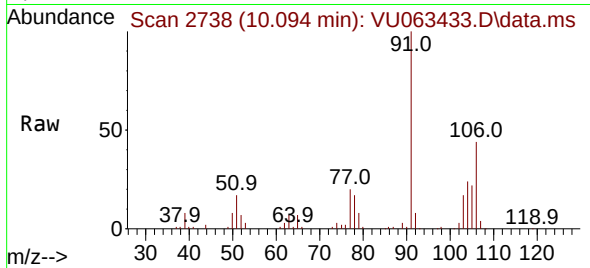
#65
o-Xylene
Concen: 1.869 ug/l
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

Tgt Ion:106 Resp: 4264
Ion Ratio Lower Upper
106 100
91 231.6 110.8 332.3

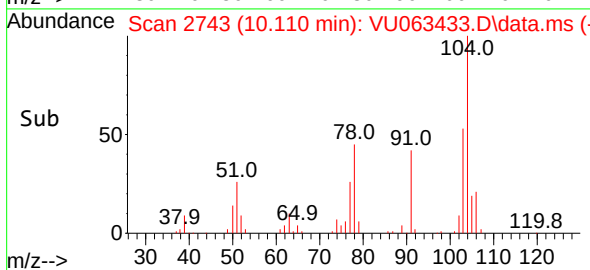
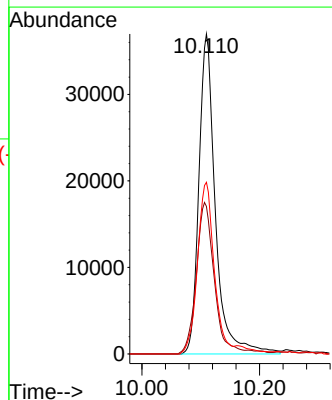
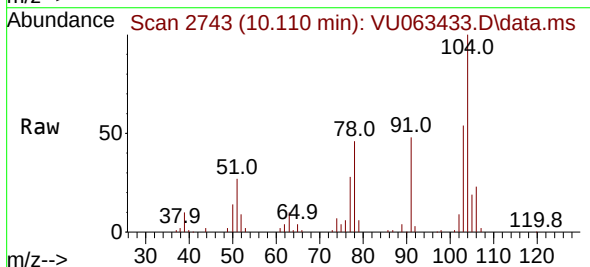
Manual Integrations
APPROVED

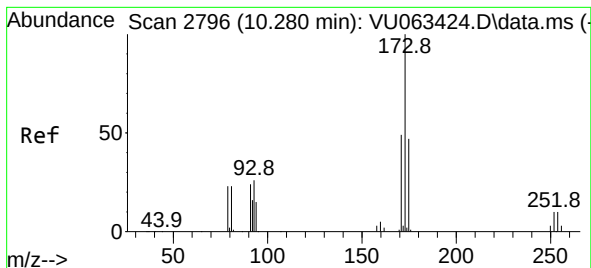
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#66
Styrene
Concen: 1.925 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion:104 Resp: 71958
Ion Ratio Lower Upper
104 100
78 51.8 41.6 62.4
103 54.1 44.6 67.0





#67

Bromoform

Concen: 2.008 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

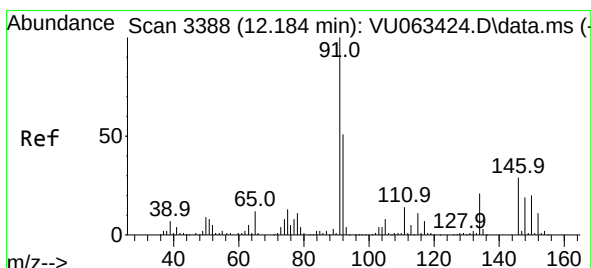
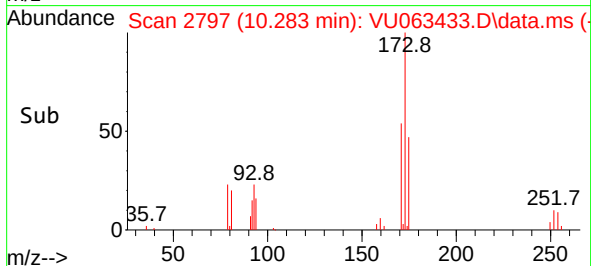
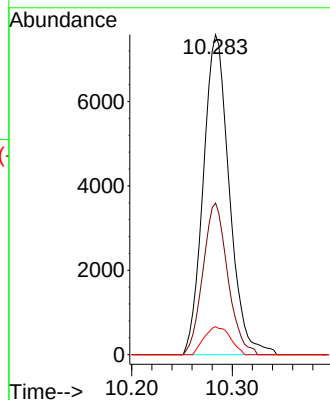
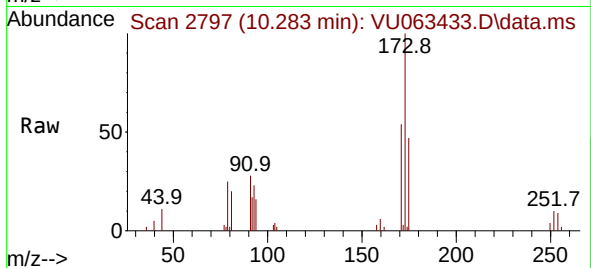
VU0624WBSD01

Tgt Ion:	173	Resp:	1361
Ion Ratio	Lower	Upper	
173	100		
175	45.2	38.2	57.2
254	8.7	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#68

1,2-Dichlorobenzene-d4

Concen: 1.004 ug/l

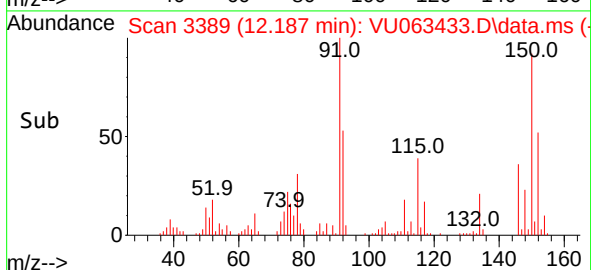
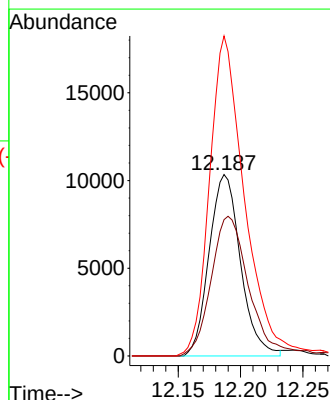
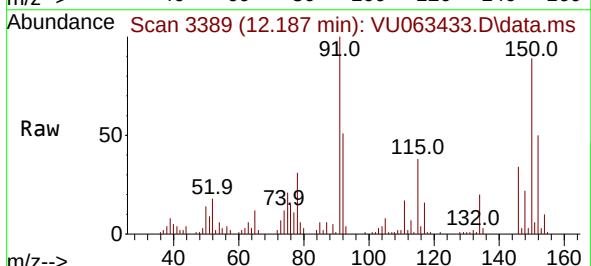
RT: 12.187 min Scan# 3389

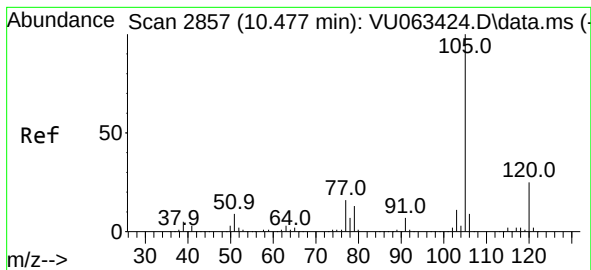
Delta R.T. 0.003 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Tgt Ion:	152	Resp:	18111
Ion Ratio	Lower	Upper	
152	100		
115	93.2	0.0	327.6
150	198.0	0.0	664.4





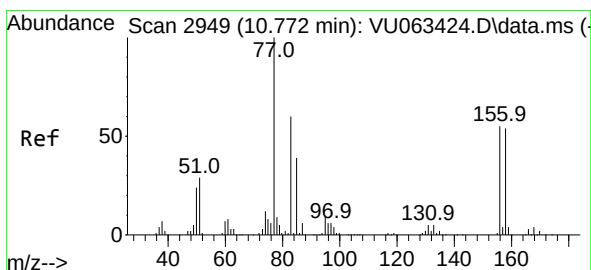
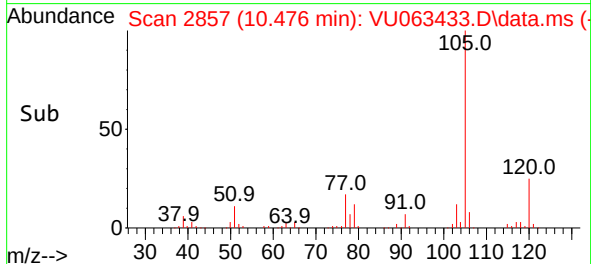
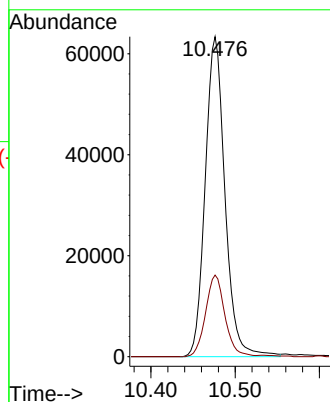
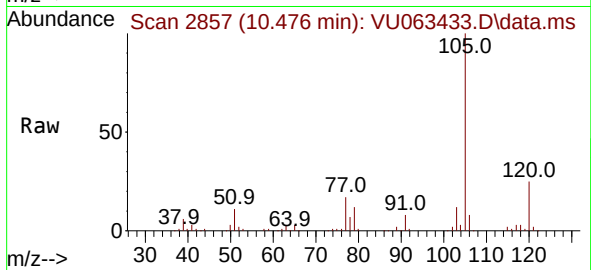
#69
Isopropylbenzene
Concen: 1.960 ug/l
RT: 10.476 min Scan# 21
Delta R.T. -0.001 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

Tgt Ion:105 Resp: 10363
Ion Ratio Lower Upper
105 100
120 24.9 12.7 38.1

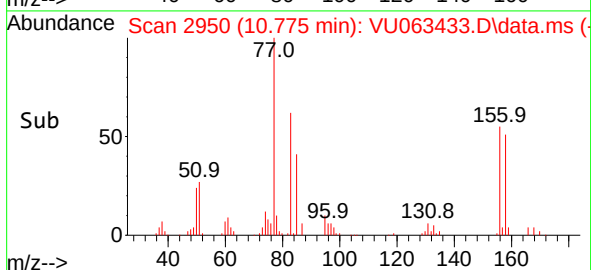
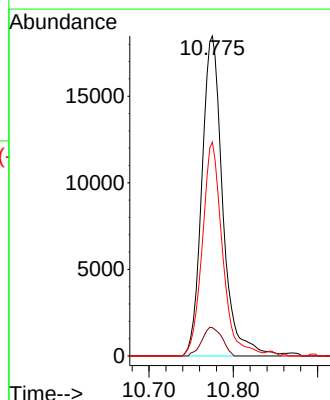
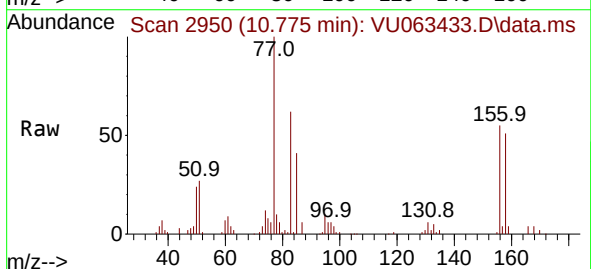
Manual Integrations
APPROVED

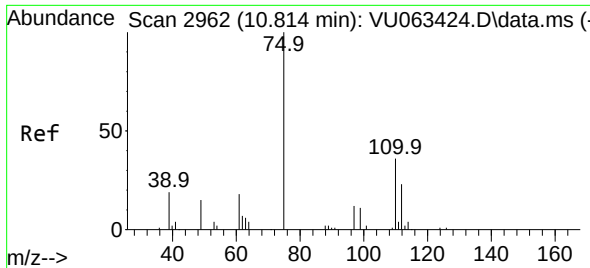
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 2.069 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

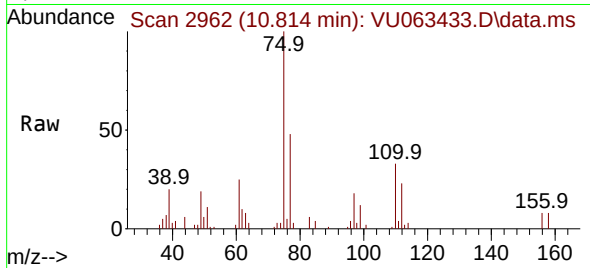
Tgt Ion: 83 Resp: 31827
Ion Ratio Lower Upper
83 100
131 8.7 7.4 11.0
85 64.8 51.3 76.9





#71
1,2,3-Trichloropropane
Concen: 2.163 ug/l m
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

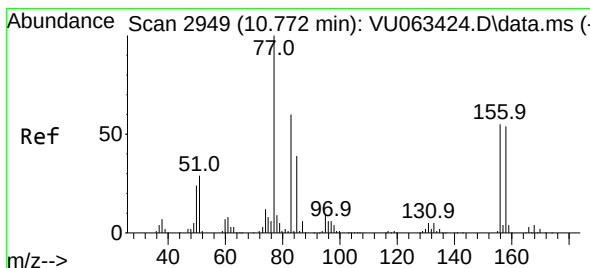
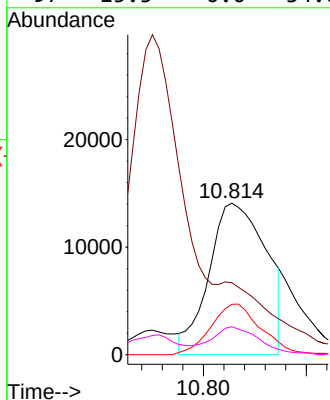
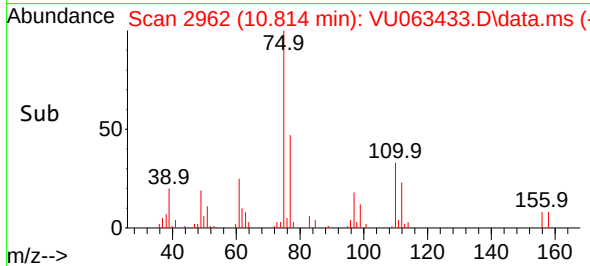
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01



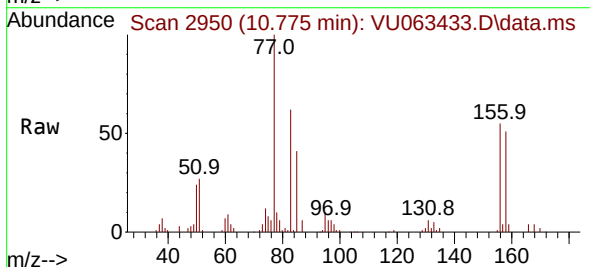
Tgt Ion: 75 Resp: 2717
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 29.7 0.0 63.4
97 15.5 0.0 34.0

Manual Integrations
APPROVED

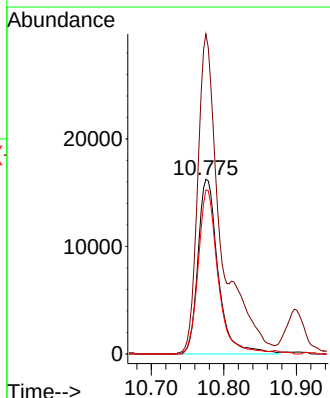
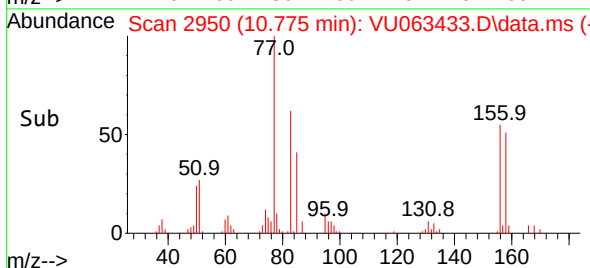
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

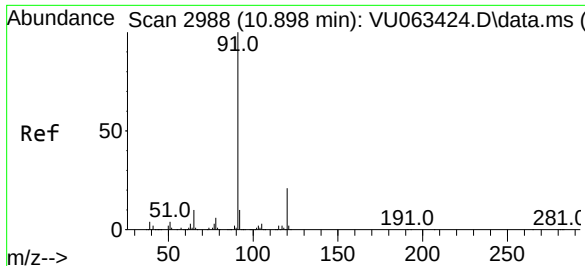


#72
Bromobenzene
Concen: 2.118 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16



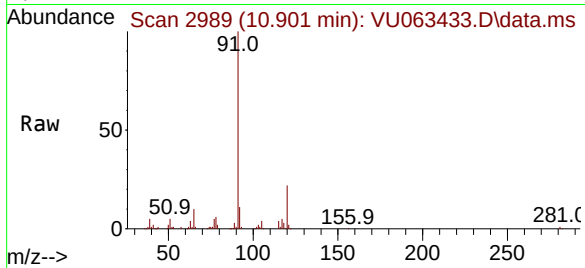
Tgt Ion:156 Resp: 31426
Ion Ratio Lower Upper
156 100
77 171.2 0.0 416.2
158 92.0 0.0 190.6





#73
n-propylbenzene
Concen: 1.923 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

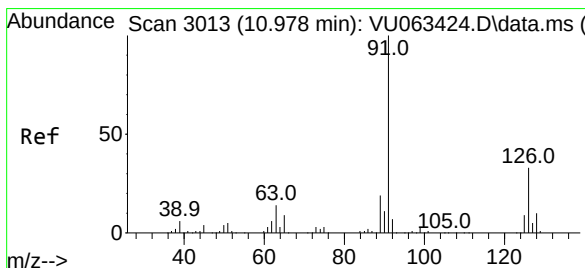
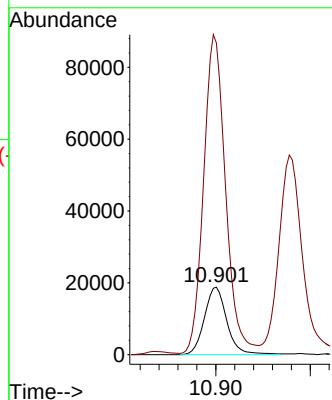
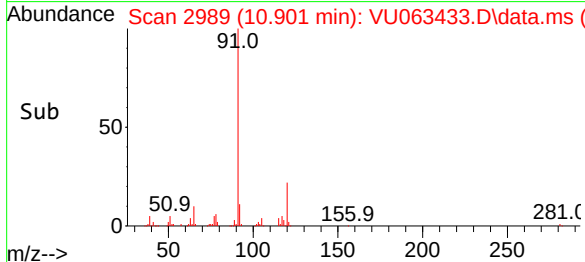
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01



Tgt Ion:120 Resp: 30992
Ion Ratio Lower Upper
120 100
91 460.3 373.7 560.5

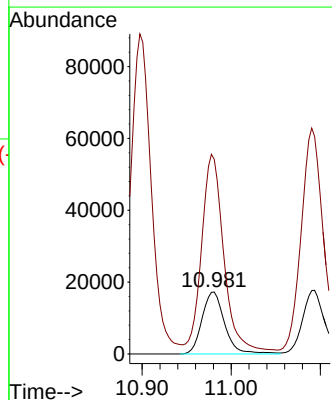
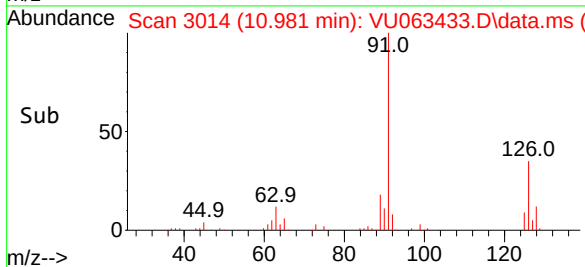
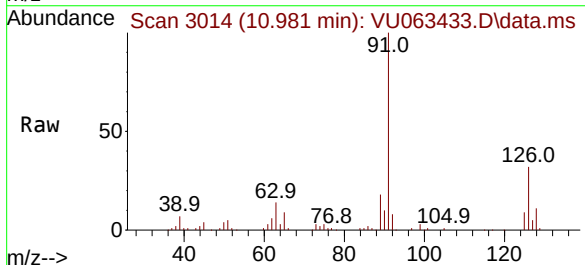
Manual Integrations
APPROVED

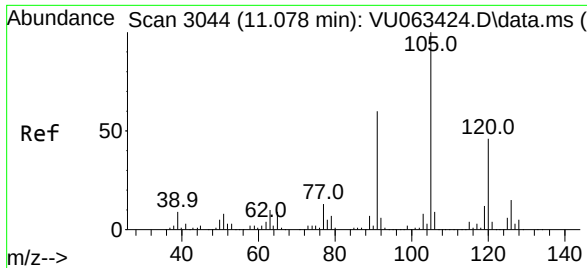
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#74
2-Chlorotoluene
Concen: 2.074 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

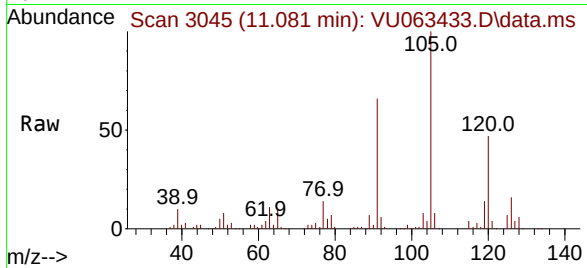
Tgt Ion:126 Resp: 30419
Ion Ratio Lower Upper
126 100
91 315.5 0.0 650.8





#75
1,3,5-Trimethylbenzene
Concen: 1.914 ug/l
RT: 11.081 min Scan# 3044
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

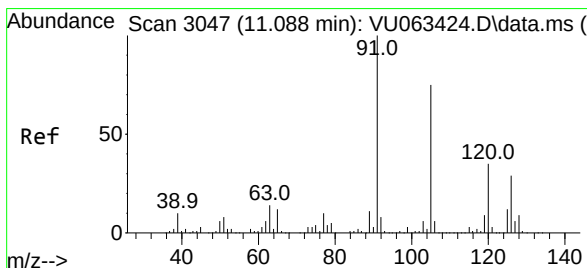
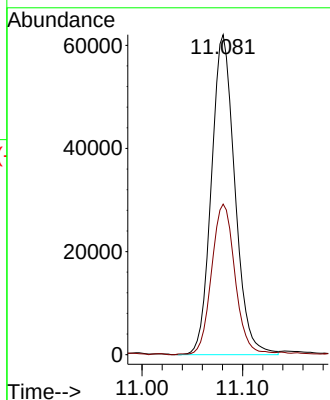
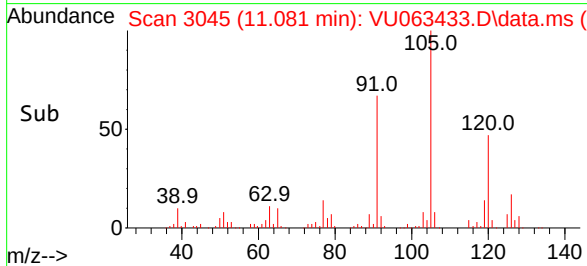
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01



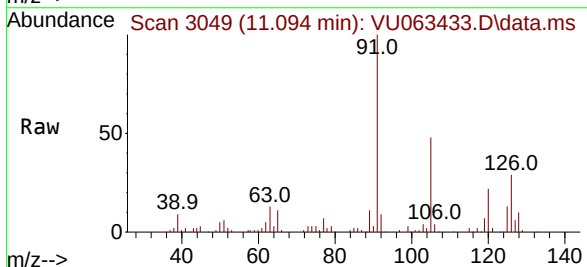
Tgt Ion:105 Resp: 10050
Ion Ratio Lower Upper
105 100
120 47.2 37.0 55.4

Manual Integrations
APPROVED

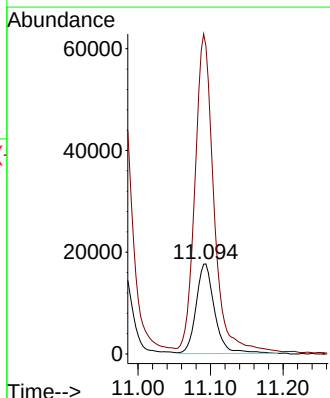
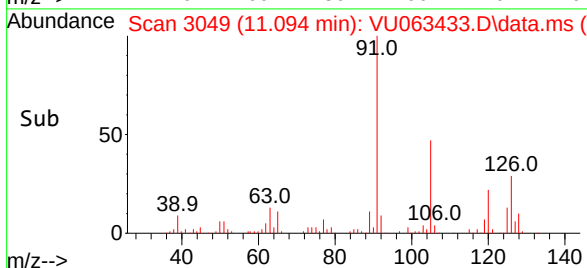
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

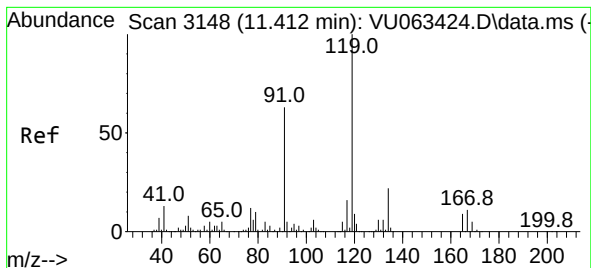


#76
4-Chlorotoluene
Concen: 2.031 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.006 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16



Tgt Ion:126 Resp: 31207
Ion Ratio Lower Upper
126 100
91 359.8 0.0 713.2





#77

tert-Butylbenzene

Concen: 1.993 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBSD01

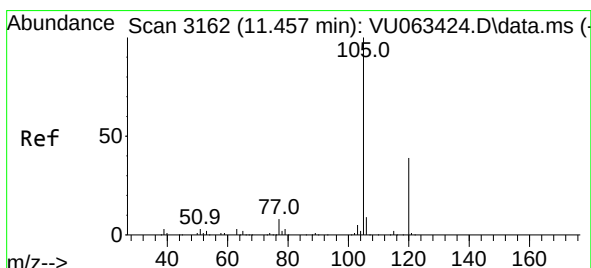
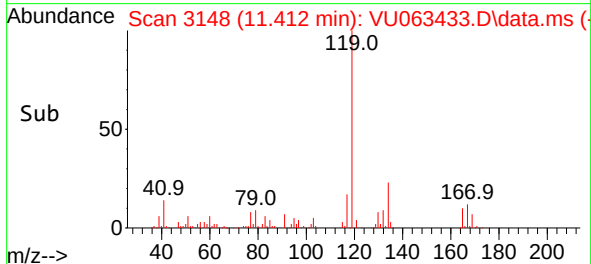
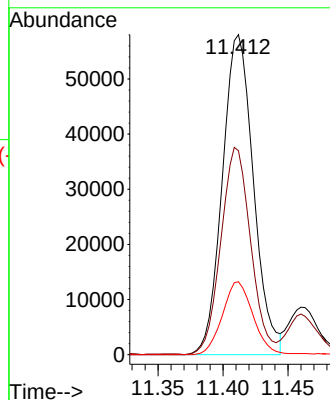
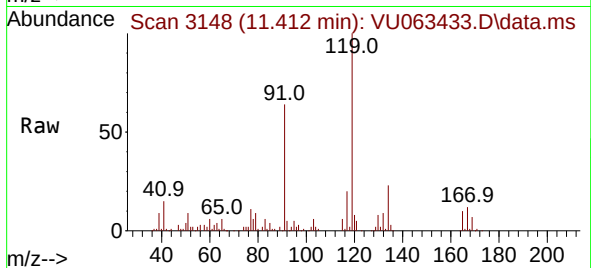
Tgt Ion:119 Resp: 9681

Ion	Ratio	Lower	Upper
119	100		
91	62.0	30.9	92.7
134	22.4	17.9	26.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#78

1,2,4-Trimethylbenzene

Concen: 1.920 ug/l

RT: 11.460 min Scan# 3163

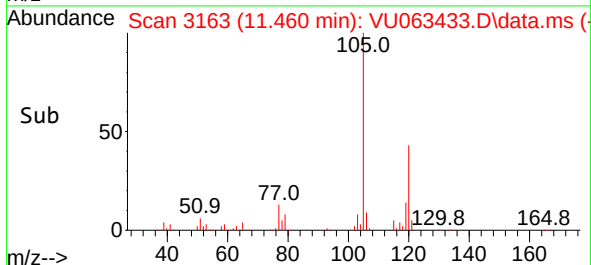
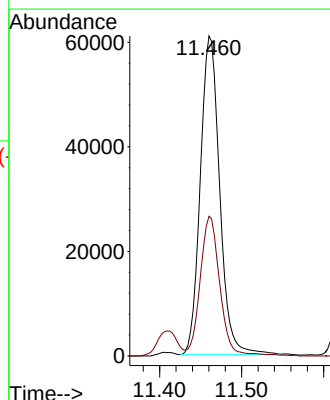
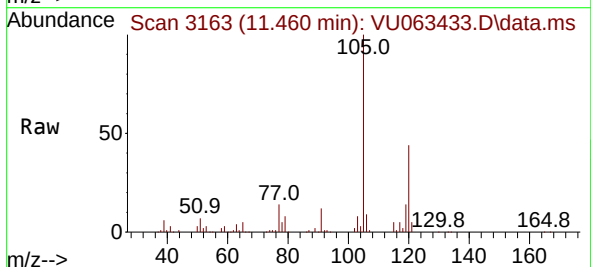
Delta R.T. 0.003 min

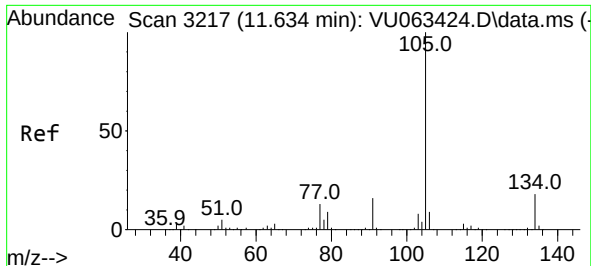
Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Tgt Ion:105 Resp: 100260

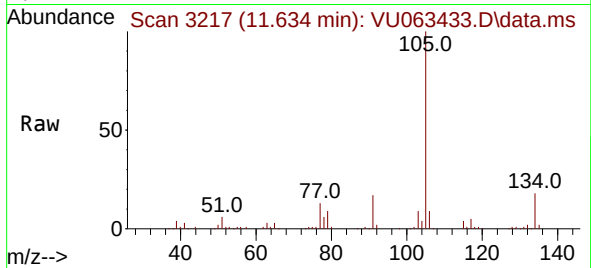
Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.1	66.5





#79
 sec-Butylbenzene
 Concen: 1.992 ug/l
 RT: 11.634 min Scan# 3170
 Delta R.T. -0.000 min
 Lab File: VU063433.D
 Acq: 24 Jun 2025 12:16

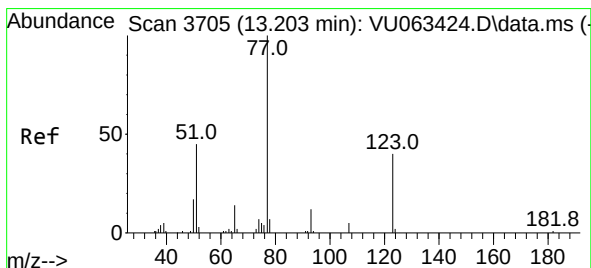
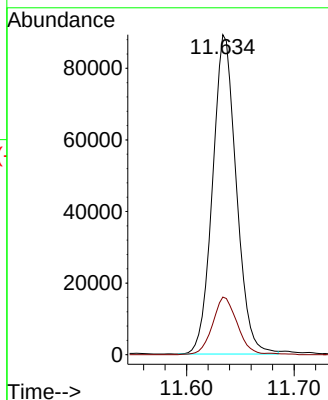
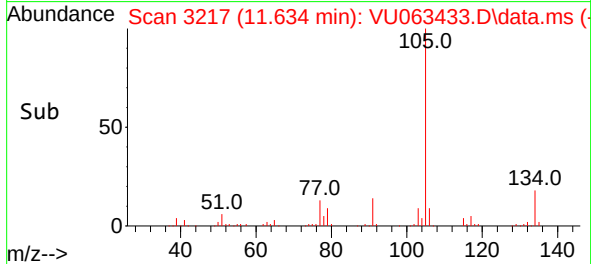
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0624WBSD01



Tgt Ion:105 Resp: 137049
 Ion Ratio Lower Upper
 105 100
 134 18.6 14.8 22.2

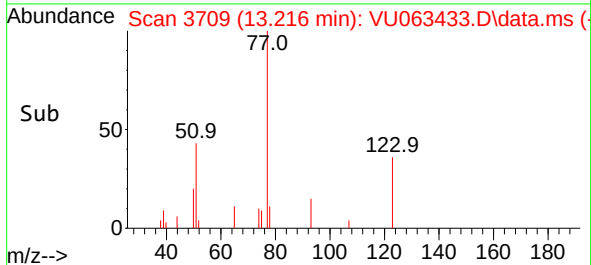
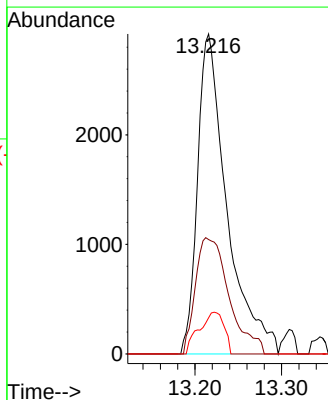
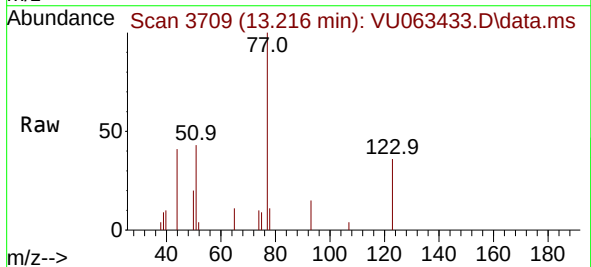
Manual Integrations
 APPROVED

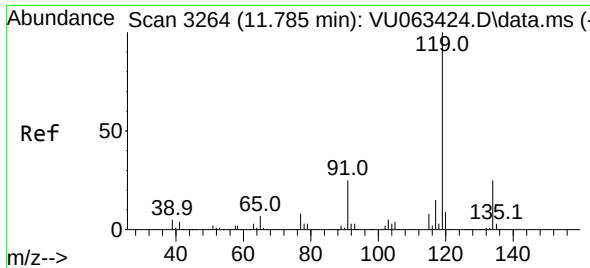
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#80
 Nitrobenzene
 Concen: 10.746 ug/l
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.013 min
 Lab File: VU063433.D
 Acq: 24 Jun 2025 12:16

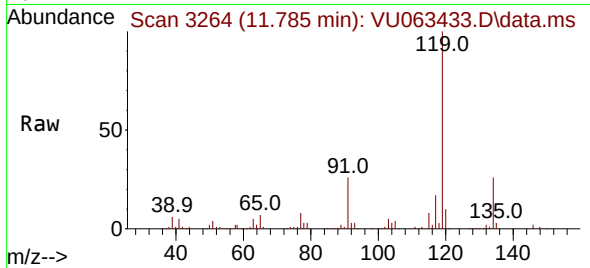
Tgt Ion: 77 Resp: 6874
 Ion Ratio Lower Upper
 77 100
 123 41.6 19.6 69.6
 65 11.1 10.6 13.4





#81
p-Isopropyltoluene
Concen: 1.972 ug/l
RT: 11.785 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

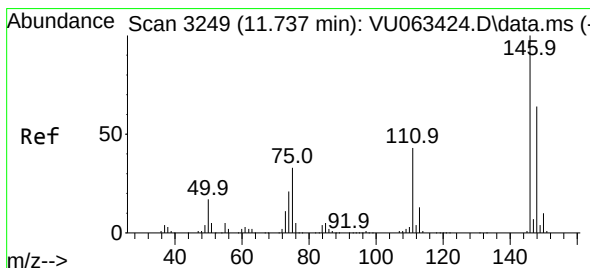
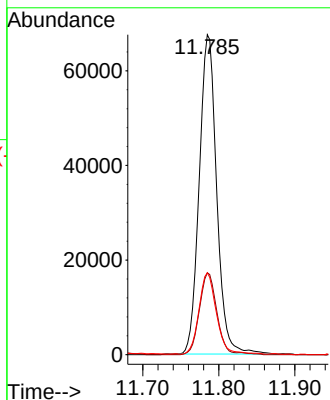
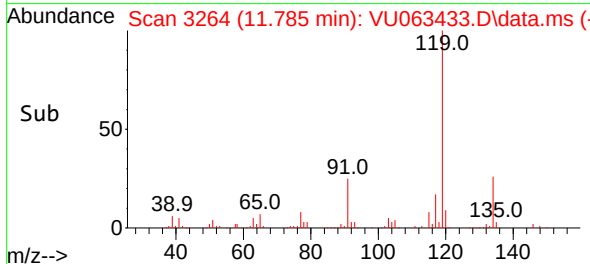
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01



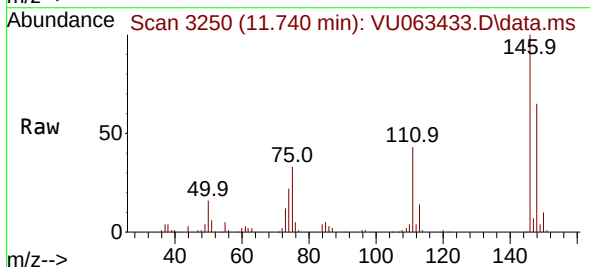
Tgt Ion:119 Resp: 10761
Ion Ratio Lower Upper
119 100
134 25.8 20.2 30.2
91 25.2 19.7 29.5

Manual Integrations
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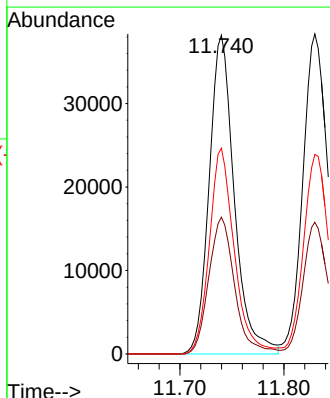
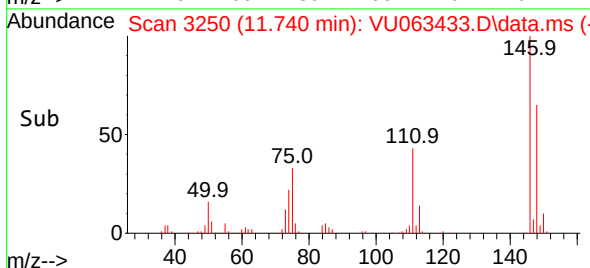
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

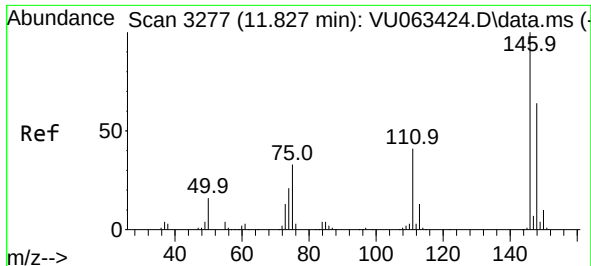


#82
1,3-Dichlorobenzene
Concen: 2.087 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16



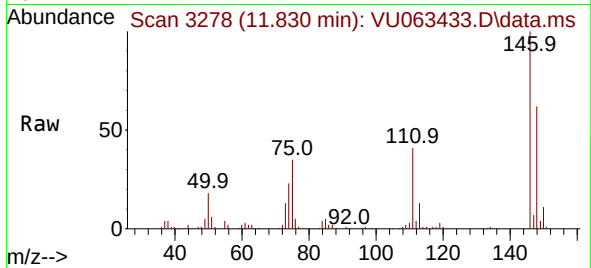
Tgt Ion:146 Resp: 64149
Ion Ratio Lower Upper
146 100
111 44.2 34.3 51.5
148 63.9 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 2.132 ug/l
RT: 11.830 min Scan# 3277
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

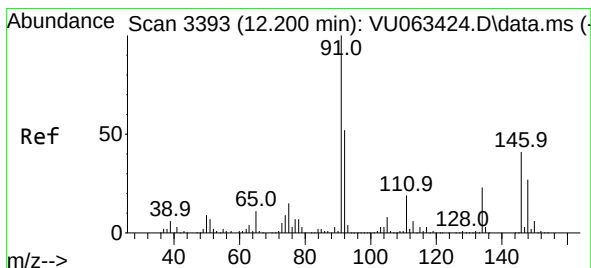
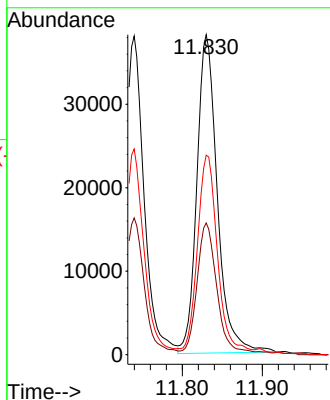
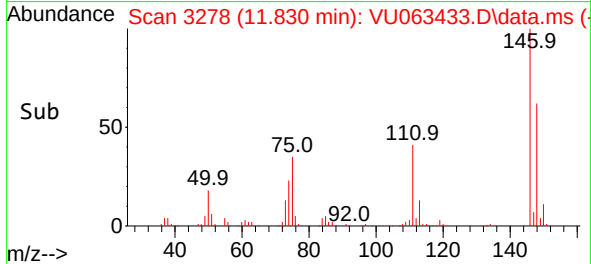
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01



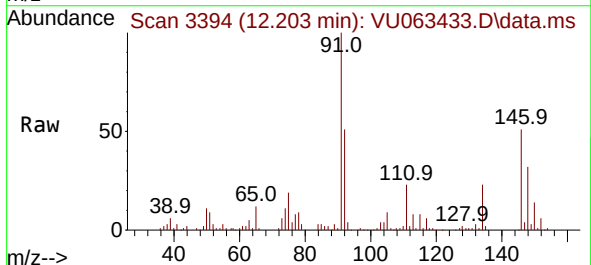
Tgt Ion:146 Resp: 68000
Ion Ratio Lower Upper
146 100
111 39.4 31.7 47.5
148 58.6 51.4 77.0

Manual Integrations
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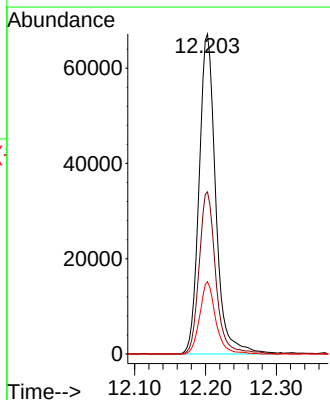
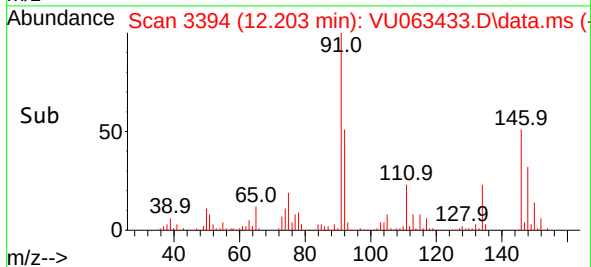
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

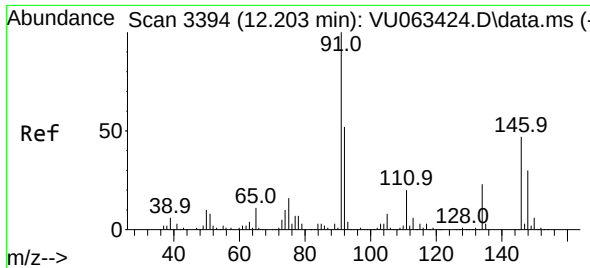


#84
n-Butylbenzene
Concen: 1.946 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16



Tgt Ion: 91 Resp: 109583
Ion Ratio Lower Upper
91 100
92 50.6 41.0 61.6
134 21.6 18.5 27.7





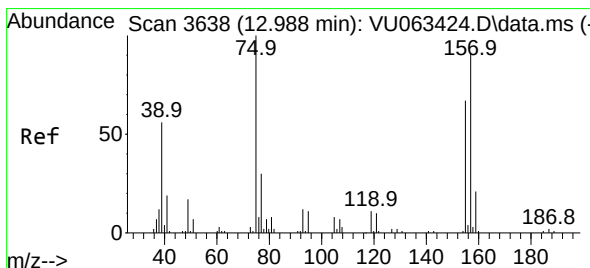
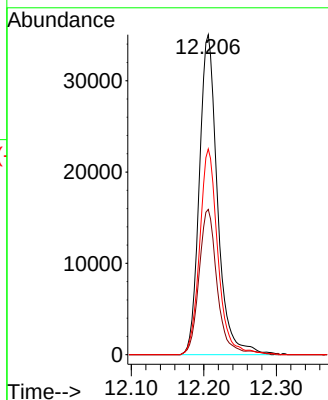
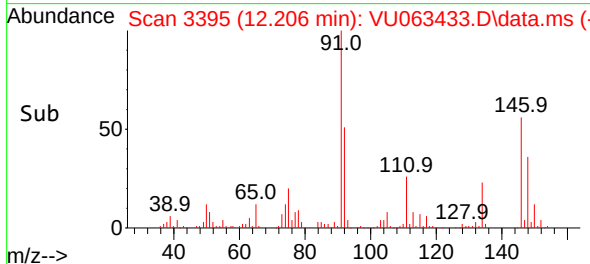
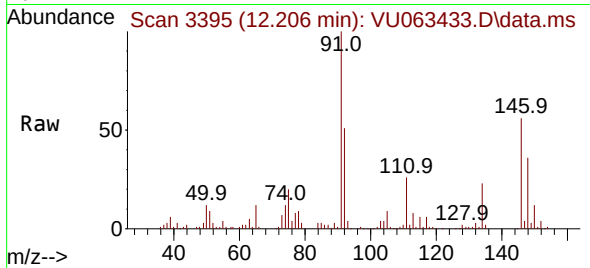
#85
1,2-Dichlorobenzene
Concen: 2.078 ug/l
RT: 12.206 min Scan# 3115
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.8	21.8	65.4
148	64.6	32.3	96.9

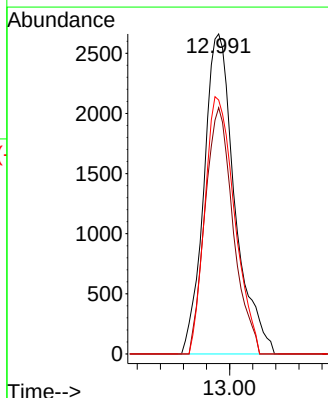
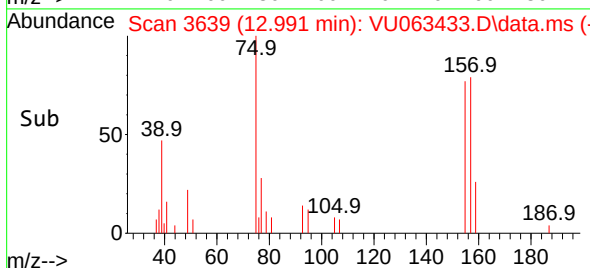
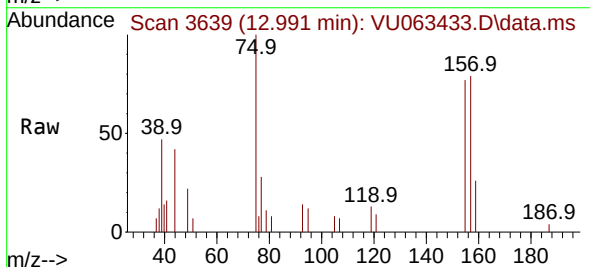
Manual Integrations
APPROVED

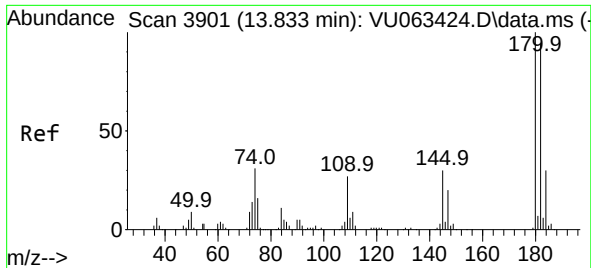
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 2.341 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

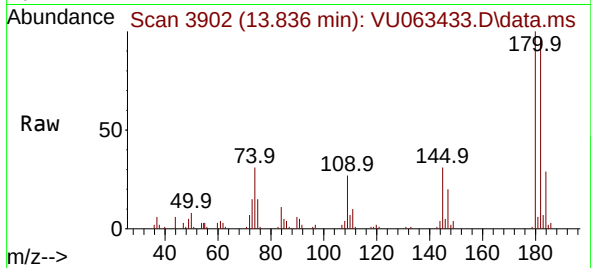
Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.9	59.7	89.5
157	77.0	75.0	112.4





#87
1,2,4-Trichlorobenzene
Concen: 2.006 ug/l
RT: 13.836 min Scan# 3901
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

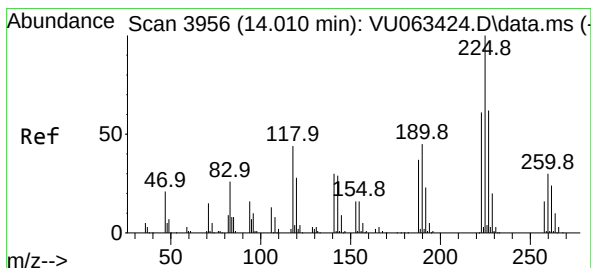
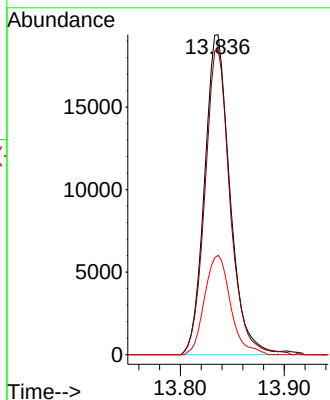
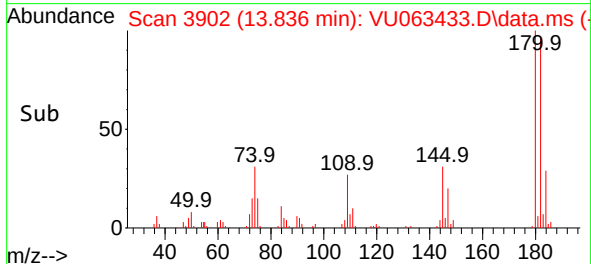
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01



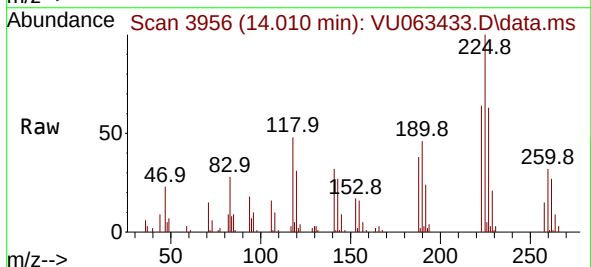
Tgt Ion:180 Resp: 32914
Ion Ratio Lower Upper
180 100
182 94.7 75.6 113.4
145 31.7 24.6 36.8

Manual Integrations
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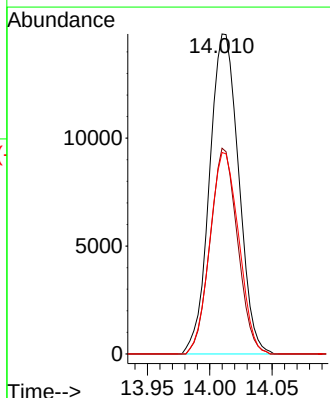
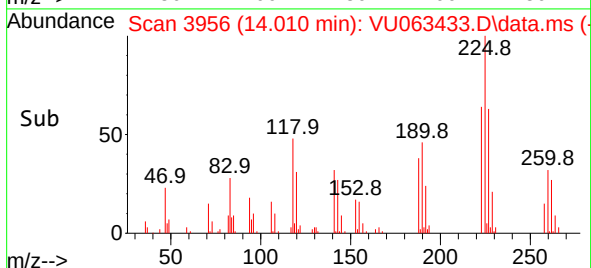
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

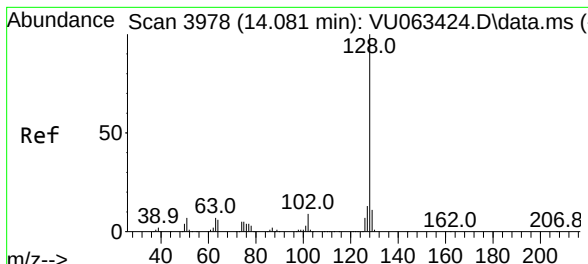


#88
Hexachlorobutadiene
Concen: 2.072 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.000 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16



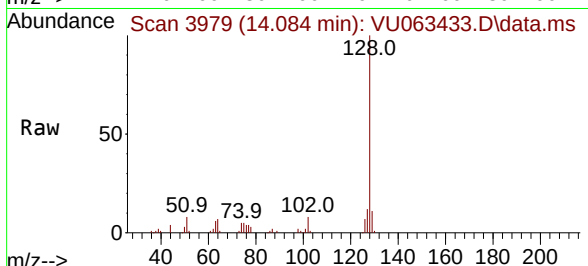
Tgt Ion:225 Resp: 24100
Ion Ratio Lower Upper
225 100
223 60.6 50.0 75.0
227 62.6 51.5 77.3





#89
Naphthalene
Concen: 2.252 ug/l
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

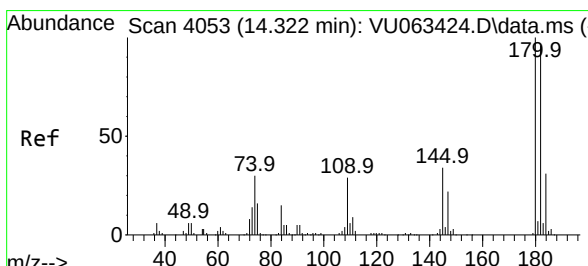
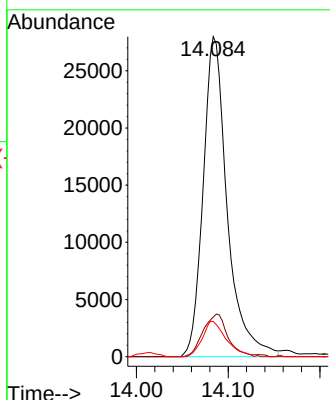
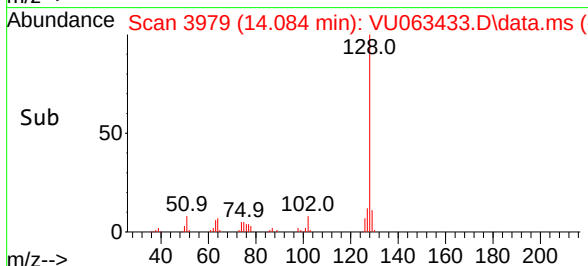
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01



Tgt Ion:128 Resp: 51110
Ion Ratio Lower Upper
128 100
127 13.6 10.4 15.6
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#90
1,2,3-Trichlorobenzene
Concen: 1.922 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion:180 Resp: 31355
Ion Ratio Lower Upper
180 100
182 96.2 76.7 115.1
145 34.3 27.4 41.2

