

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071625\
 Data File : VU063515.D
 Acq On : 16 Jul 2025 11:37
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 03:25:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:16:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.100	96	25507	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	9419	0.975	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	9149	1.024	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	75576	10.049	ug/l	100
3) Chloromethane	1.518	50	68401	9.784	ug/l	100
4) Vinyl Chloride	1.599	62	90489	10.162	ug/l	100
5) Bromomethane	1.840	94	62116	9.251	ug/l	100
6) Chloroethane	1.923	64	54599	10.156	ug/l	100
7) Trichlorofluoromethane	2.126	101	129904	10.161	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.566	101	67855	10.156	ug/l	100
9) 1,1-Dichloroethene	2.566	96	67577	10.205	ug/l	100
10) Iodomethane	2.708	142	94216	9.560	ug/l	100
11) Allyl Chloride	2.907	41	97312	10.172	ug/l	100
12) Acrylonitrile	3.306	53	32316	19.501	ug/l	100
13) Acetone	2.618	43	63754	48.044	ug/l	100
14) Carbon Disulfide	2.775	76	219662	10.270	ug/l	100
15) Methylene Chloride	3.029	84	74766	9.590	ug/l	100
16) trans-1,2-Dichloroethene	3.335	96	76110	10.120	ug/l	100
17) 1,1-Dichloroethane	3.849	63	139986	10.042	ug/l	100
18) 2-Butanone	4.711	43	101743	49.509	ug/l	100
19) Cyclohexane	5.361	56	117794	9.980	ug/l	100
20) Methylcyclohexane	6.740	83	124959	10.893	ug/l	100
21) 2,2-Dichloropropane	4.644	77	115814	9.757	ug/l	100
22) cis-1,2-Dichloroethene	4.647	96	81707	10.012	ug/l	100
23) Diethyl Ether	2.367	59	52619	10.428	ug/l	100
24) tert-Butyl Alcohol	3.190	59	60952	100.062	ug/l	100
25) Methyl tert-Butyl Ether	3.361	73	176642	10.218	ug/l	100
26) Bromochloromethane	4.955	128	35072	10.293	ug/l	100
27) Chloroform	5.071	83	139474	9.805	ug/l	100
28) 1,1,1-Trichloroethane	5.296	97	122824	10.174	ug/l	100
29) 1,1-Dichloropropene	5.505	75	110654	9.894	ug/l	100
30) Carbon Tetrachloride	5.502	117	99861	10.277	ug/l	100
31) Isopropyl Ether	3.991	45	212065	10.078	ug/l	100
32) Ethyl-t-butyl ether	4.502	59	196224	10.077	ug/l	100
33) Tert-Amyl methyl ether	5.943	73	169757	10.045	ug/l	100
34) Propionitrile	4.772	54	29396	46.949	ug/l	100
35) Benzene	5.756	78	306660	10.205	ug/l	100
36) 1,2-Dichloroethane	5.782	62	95989	10.281	ug/l	100
37) Trichloroethene	6.525	130	82269	10.731	ug/l	100
38) 1,2-Dichloropropane	6.779	63	80452	11.439	ug/l	100
39) Methacrylonitrile	4.972	41	25859	9.408	ug/l	100
40) Methyl acrylate	4.846	55	42948	10.557	ug/l	100
41) Tetrahydrofuran	5.058	42	26672	18.218	ug/l	100
42) 1-Chlorobutane	5.438	56	150746	10.139	ug/l	100
43) Dibromomethane	6.907	93	39219	10.765	ug/l	100
44) Bromodichloromethane	7.094	83	83585	10.173	ug/l	100

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	194373	51.766	ug/l	100
46) t-1,4-Dichloro-2-butene	10.820	75	32073m	24.076	ug/l	
47) Methyl methacrylate	6.962	69	64875	21.203	ug/l	100
48) Ethyl methacrylate	8.335	69	64347	11.020	ug/l	100
49) Toluene	7.959	92	171146	10.432	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	72787	11.292	ug/l	100
51) cis-1,3-Dichloropropene	7.598	75	92302	10.668	ug/l	100
52) 1,1,2-Trichloroethane	8.393	97	51547	10.510	ug/l	100
53) 1,3-Dichloropropane	8.569	76	87683	10.355	ug/l	100
54) 2-Hexanone	8.688	43	131332	52.658	ug/l	100
55) Dibromochloromethane	8.801	129	59098	11.401	ug/l	100
56) 1,2-Dibromoethane	8.917	107	45601	10.388	ug/l	100
58) Tetrachloroethene	8.540	164	72806	10.376	ug/l	100
59) Chlorobenzene	9.441	112	196780	10.443	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	64850	10.702	ug/l	100
61) Pentachloroethane	11.418	117	47516	11.097	ug/l	100
62) Hexachloroethane	12.466	117	49020	11.561	ug/l	100
63) Ethyl Benzene	9.563	91	335269	10.340	ug/l	100
64) m/p-Xylenes	9.685	106	264769	21.007	ug/l	100
65) o-Xylene	10.094	106	128634	10.621	ug/l	100
66) Styrene	10.106	104	209876	10.873	ug/l	100
67) Bromoform	10.283	173	30149	11.325	ug/l	100
69) Isopropylbenzene	10.476	105	313810	10.718	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	61909	10.373	ug/l	100
71) 1,2,3-Trichloropropane	10.817	75	53057m	10.893	ug/l	
72) Bromobenzene	10.775	156	78897	10.441	ug/l	100
73) n-propylbenzene	10.897	120	95656	10.853	ug/l	100
74) 2-Chlorotoluene	10.978	126	82104	10.540	ug/l	100
75) 1,3,5-Trimethylbenzene	11.081	105	301469	10.778	ug/l	100
76) 4-Chlorotoluene	11.090	126	84140	10.636	ug/l	100
77) tert-Butylbenzene	11.412	119	286405	10.714	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	300364	10.824	ug/l	100
79) sec-Butylbenzene	11.634	105	386577	10.724	ug/l	100
80) Nitrobenzene	13.203	77	6826	50.800	ug/l	100
81) p-Isopropyltoluene	11.785	119	325219	10.808	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	160312	10.603	ug/l	100
83) 1,4-Dichlorobenzene	11.830	146	161963	10.702	ug/l	100
84) n-Butylbenzene	12.200	91	308761	11.063	ug/l	100
85) 1,2-Dichlorobenzene	12.206	146	152208	10.716	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.987	75	10205	10.093	ug/l	100
87) 1,2,4-Trichlorobenzene	13.833	180	98105	11.107	ug/l	100
88) Hexachlorobutadiene	14.013	225	53764	10.718	ug/l	100
89) Naphthalene	14.080	128	173115	10.937	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	89908	11.015	ug/l	100

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

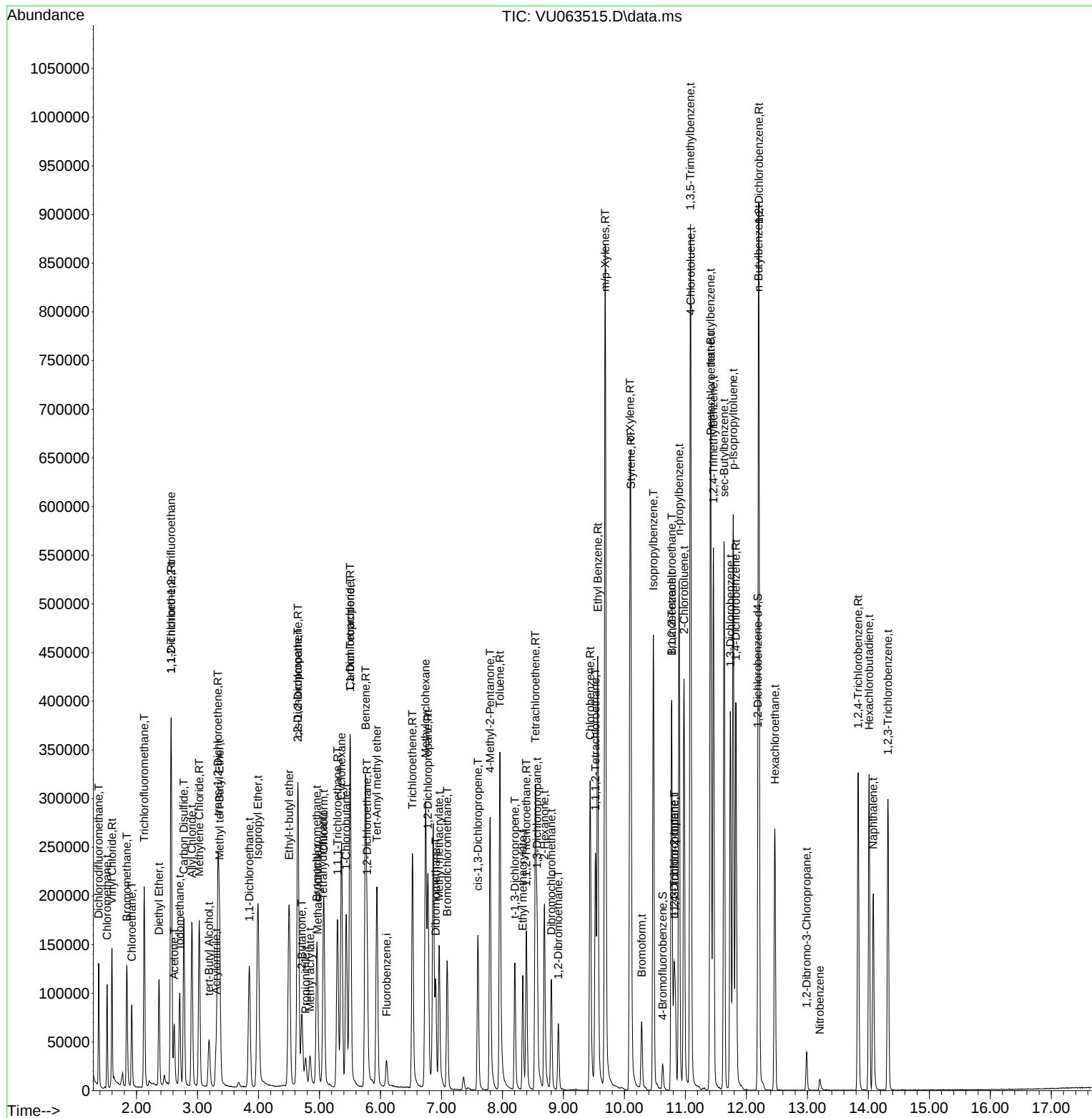
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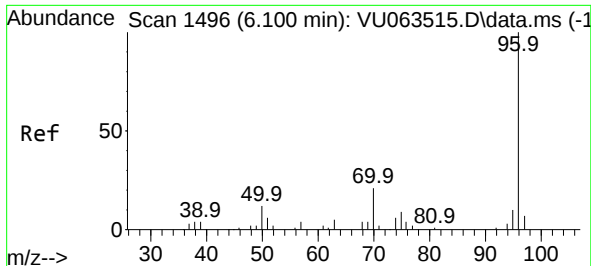
Instrument :
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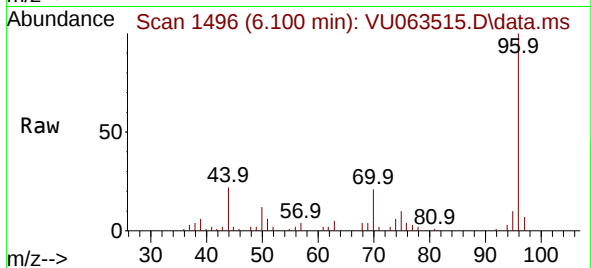
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

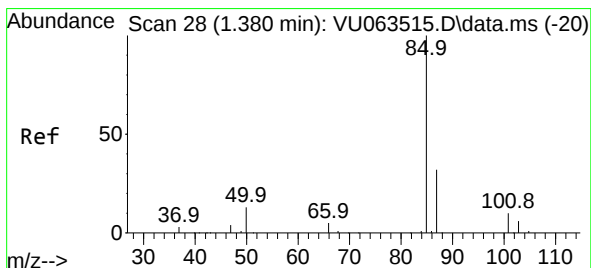
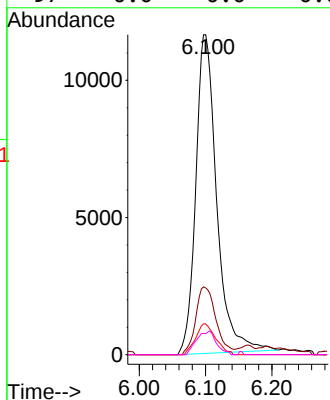
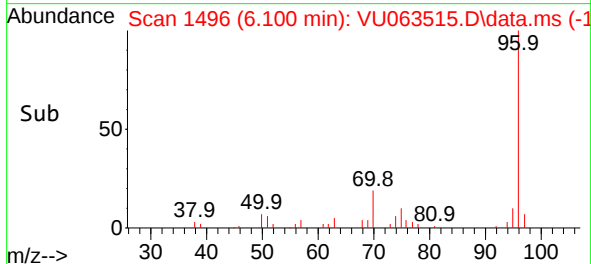
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 96 Resp: 2550
Ion Ratio Lower Upper
96 100
70 18.7 15.0 22.4
95 9.2 7.4 11.0
97 0.0 0.0 0.0

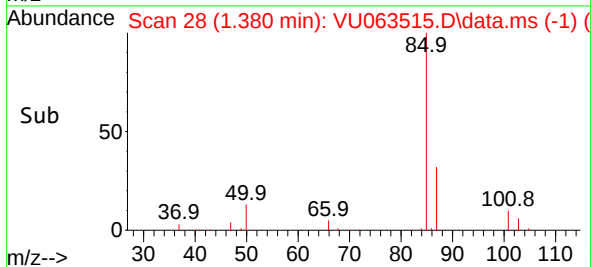
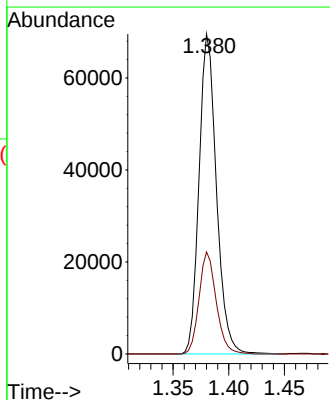
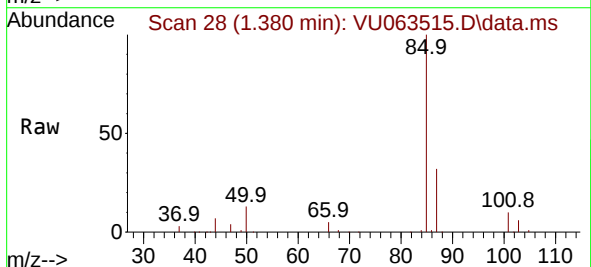
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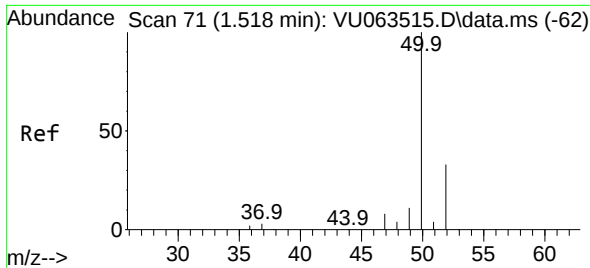
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#2
Dichlorodifluoromethane
Concen: 10.049 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

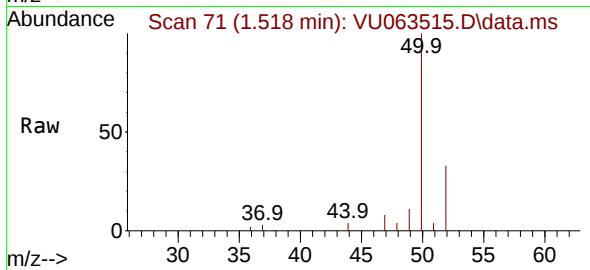
Tgt Ion: 85 Resp: 75576
Ion Ratio Lower Upper
85 100
87 31.9 16.0 47.9





#3
Chloromethane
Concen: 9.784 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

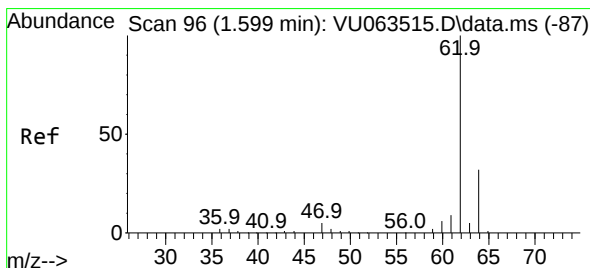
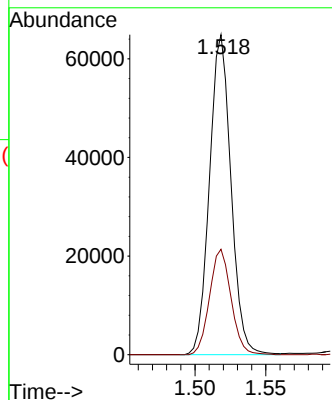
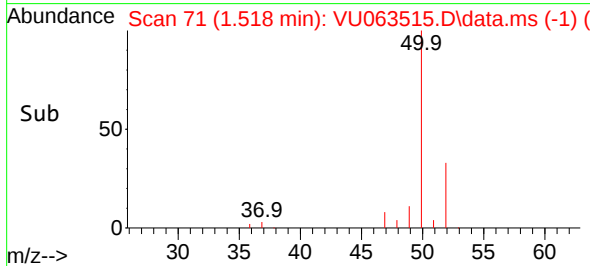
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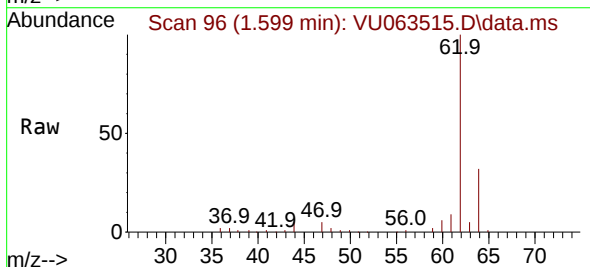
Tgt Ion: 50 Resp: 6840
Ion Ratio Lower Upper
50 100
52 32.9 26.3 39.5

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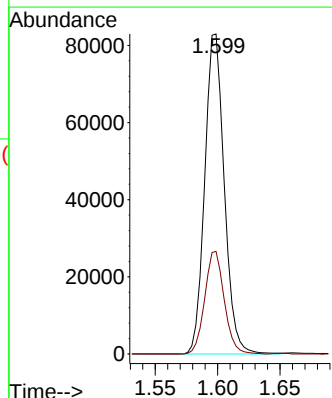
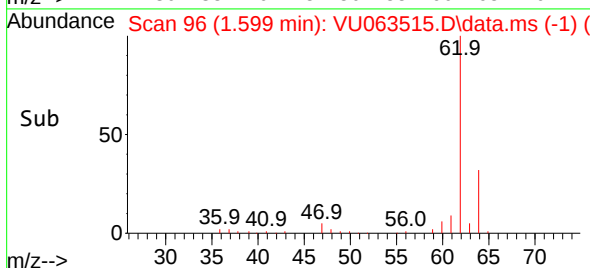
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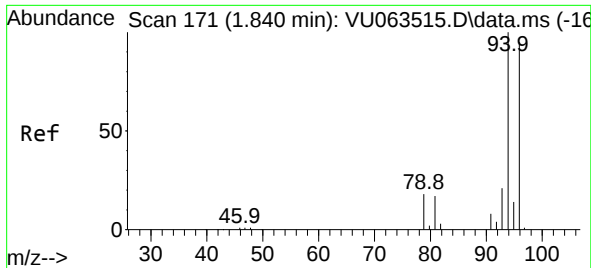


#4
Vinyl Chloride
Concen: 10.162 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37



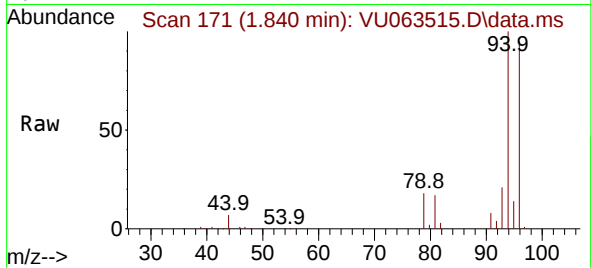
Tgt Ion: 62 Resp: 90489
Ion Ratio Lower Upper
62 100
64 32.1 25.7 38.5





#5
Bromomethane
Concen: 9.251 ug/l
RT: 1.840 min Scan# 171
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

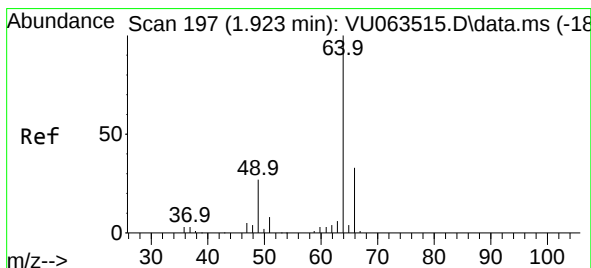
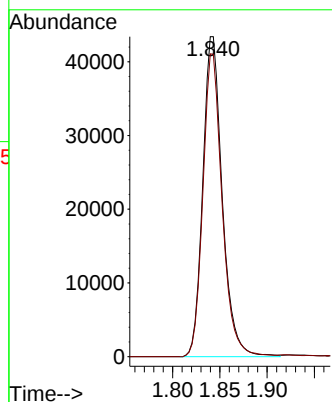
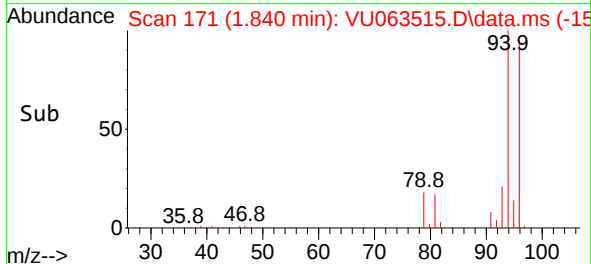
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 94 Resp: 62110
Ion Ratio Lower Upper
94 100
96 94.7 75.8 113.6

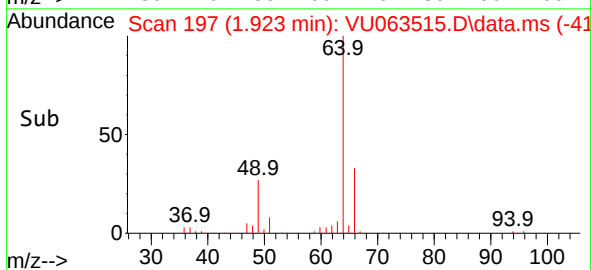
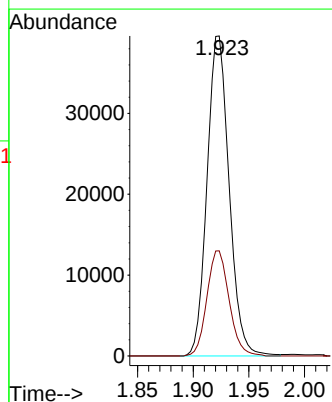
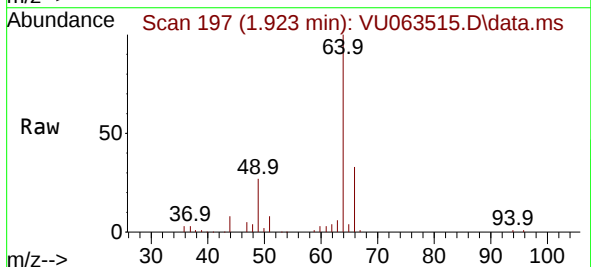
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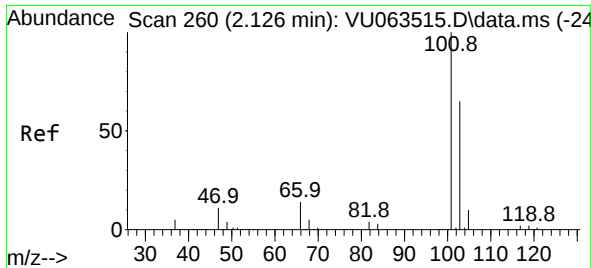
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#6
Chloroethane
Concen: 10.156 ug/l
RT: 1.923 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

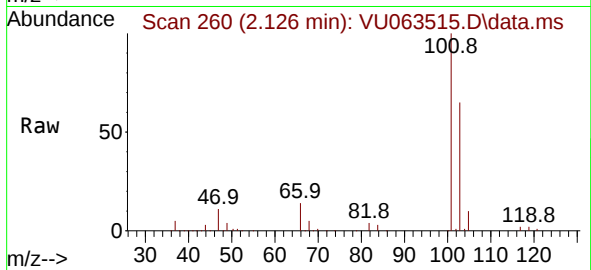
Tgt Ion: 64 Resp: 54599
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 10.161 ug/l
 RT: 2.126 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU063515.D
 Acq: 16 Jul 2025 11:37

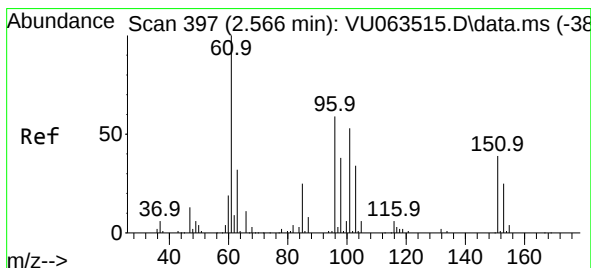
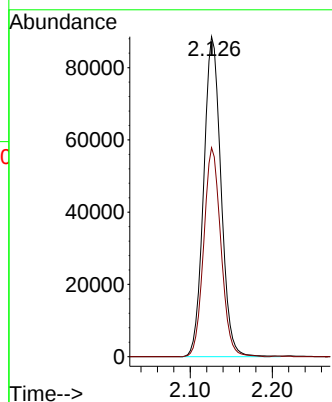
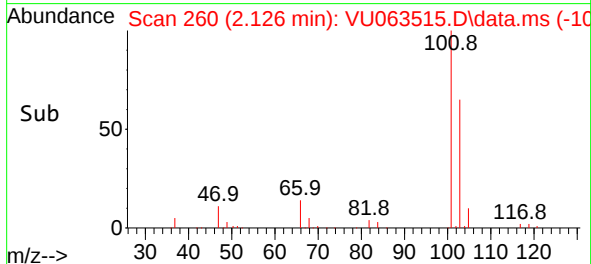
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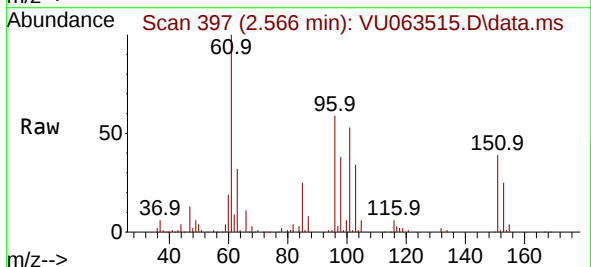
Tgt Ion:101 Resp: 129904
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.2 78.4

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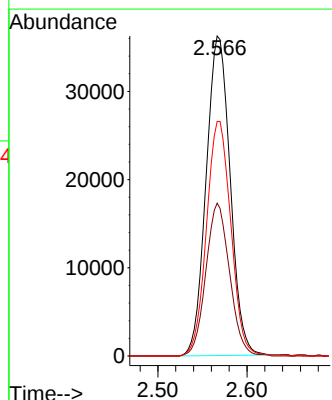
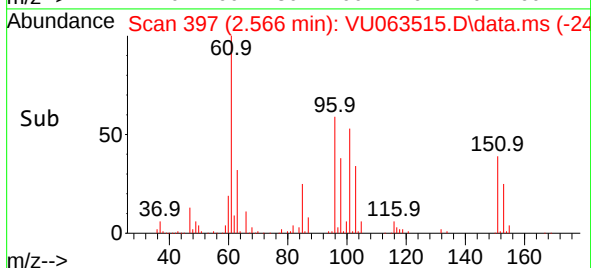
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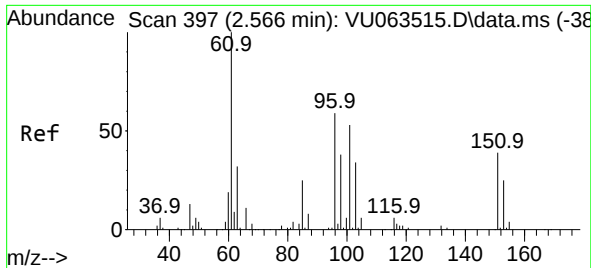


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.156 ug/l
 RT: 2.566 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VU063515.D
 Acq: 16 Jul 2025 11:37



Tgt Ion:101 Resp: 67855
 Ion Ratio Lower Upper
 101 100
 85 47.2 37.8 56.6
 151 74.0 59.2 88.8





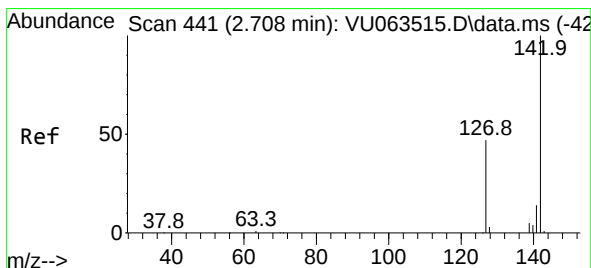
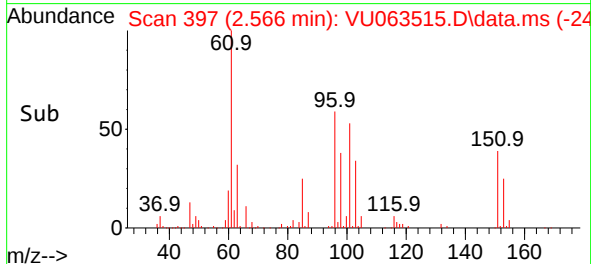
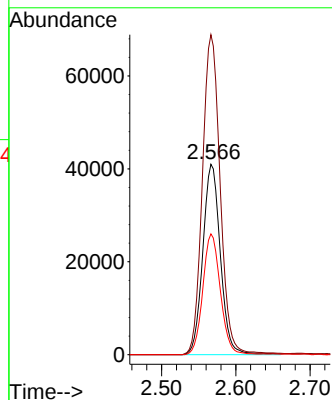
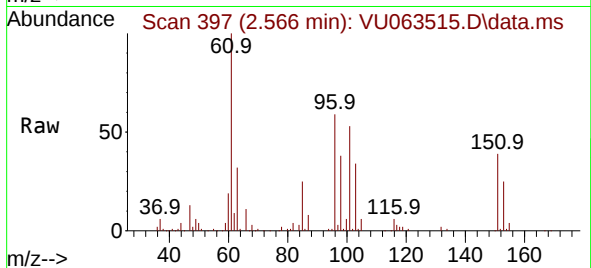
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1,1-Dichloroethene
Concen: 10.205 ug/l
RT: 2.566 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 96 Resp: 6757
Ion Ratio Lower Upper
96 100
61 168.1 0.0 504.3
98 63.4 0.0 126.8

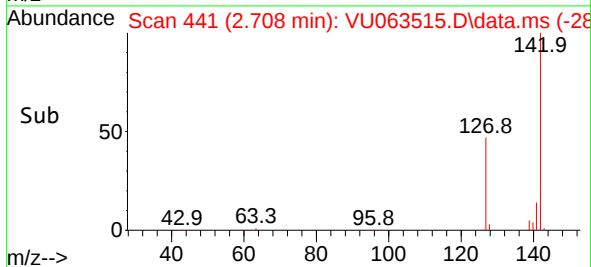
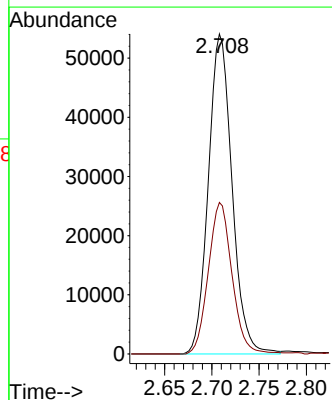
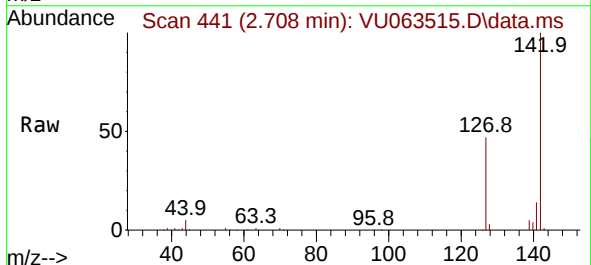
Manual Integrations
APPROVED

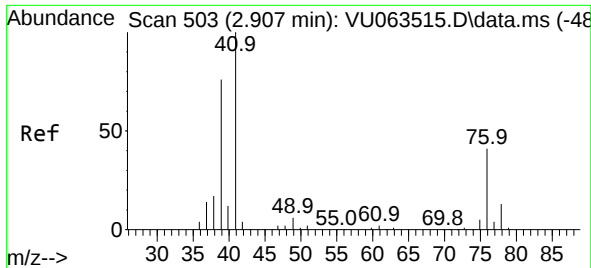
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#10
Iodomethane
Concen: 9.560 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

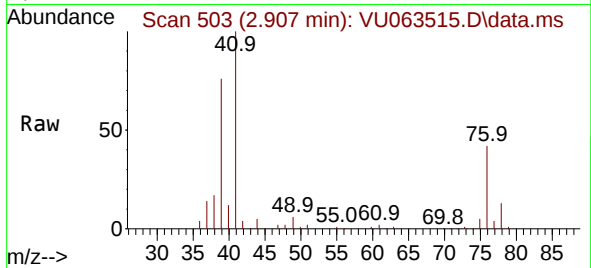
Tgt Ion:142 Resp: 94216
Ion Ratio Lower Upper
142 100
127 47.4 37.9 56.9





#11
 Allyl Chloride
 Concen: 10.172 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. 0.000 min
 Lab File: VU063515.D
 Acq: 16 Jul 2025 11:37

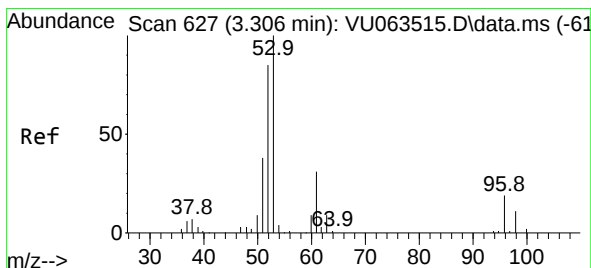
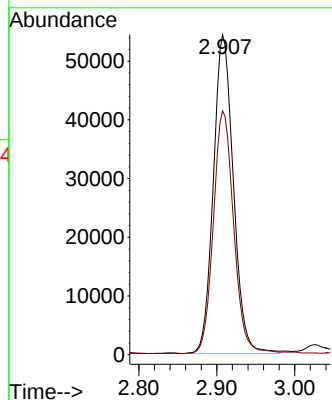
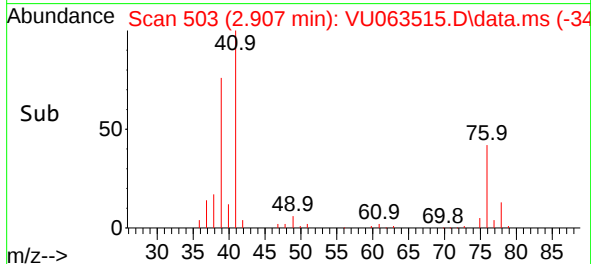
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010



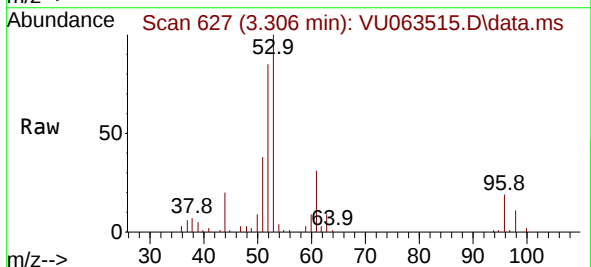
Tgt Ion: 41 Resp: 97312
 Ion Ratio Lower Upper
 41 100
 39 76.9 61.5 92.3

Manual Integrations
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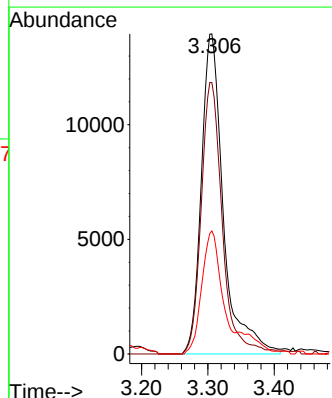
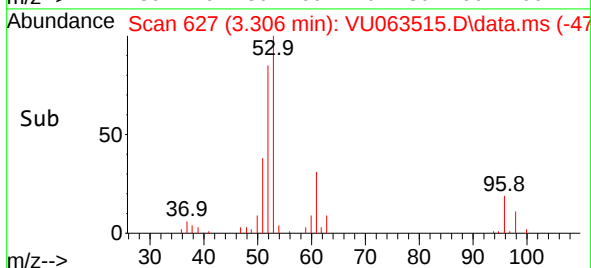
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

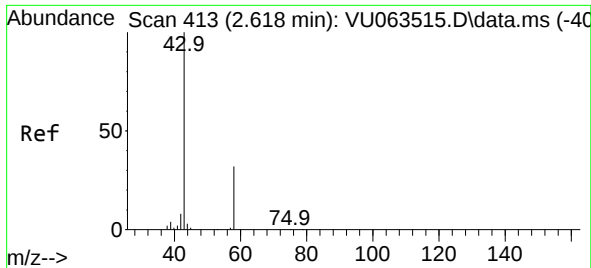


#12
 Acrylonitrile
 Concen: 19.501 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.000 min
 Lab File: VU063515.D
 Acq: 16 Jul 2025 11:37



Tgt Ion: 53 Resp: 32316
 Ion Ratio Lower Upper
 53 100
 52 80.4 64.3 96.5
 51 34.8 27.8 41.8





#13

Acetone

Concen: 48.044 ug/l

RT: 2.618 min Scan# 413

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 63754

Ion Ratio Lower Upper

43 100

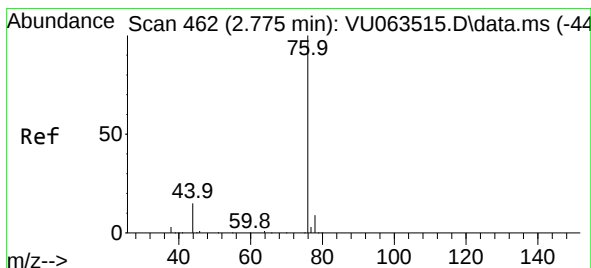
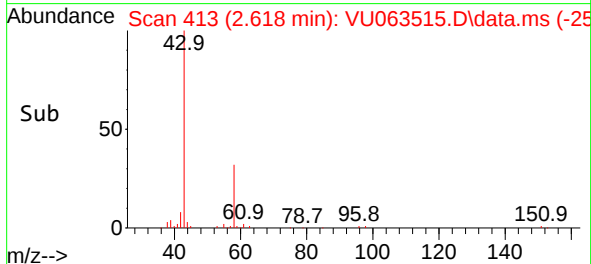
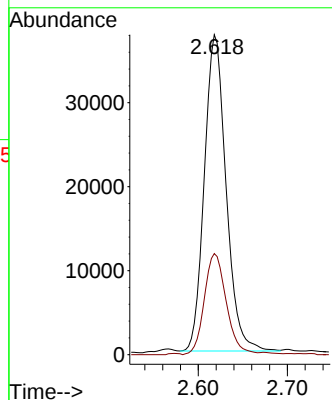
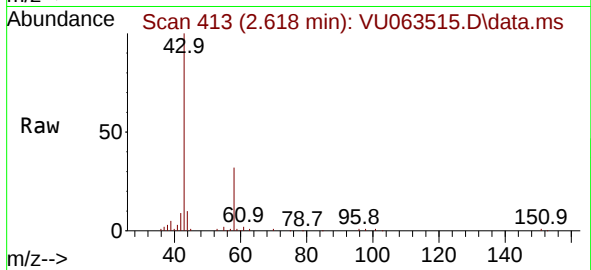
58 31.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#14

Carbon Disulfide

Concen: 10.270 ug/l

RT: 2.775 min Scan# 462

Delta R.T. 0.000 min

Lab File: VU063515.D

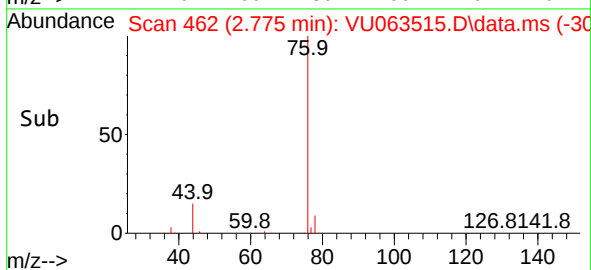
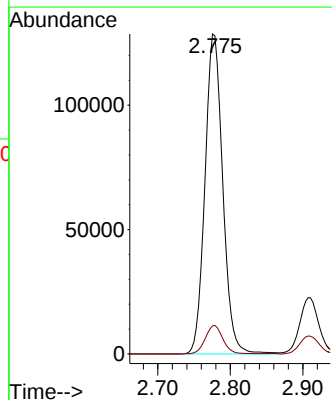
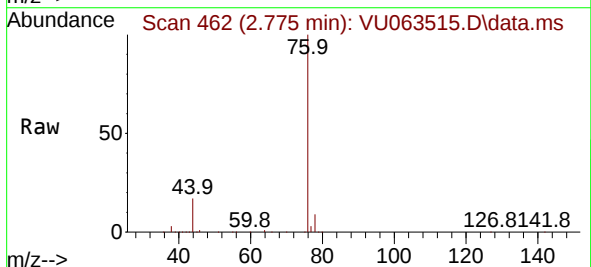
Acq: 16 Jul 2025 11:37

Tgt Ion: 76 Resp: 219662

Ion Ratio Lower Upper

76 100

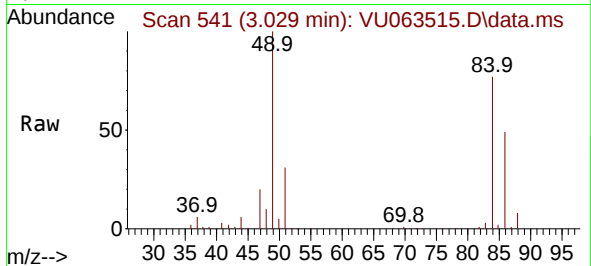
78 8.8 7.0 10.6





#15
Methylene Chloride
Concen: 9.590 ug/l
RT: 3.029 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

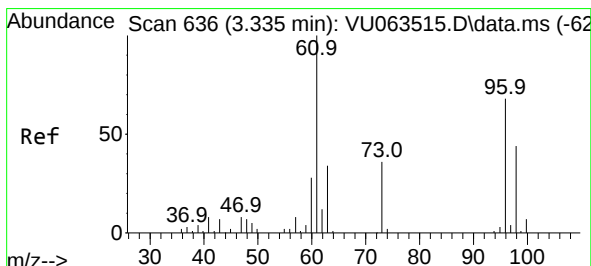
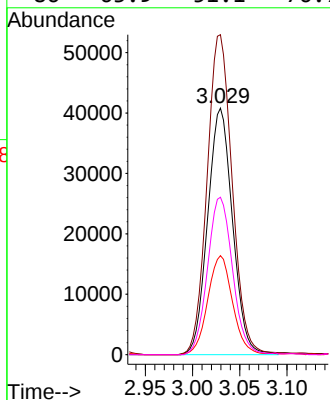
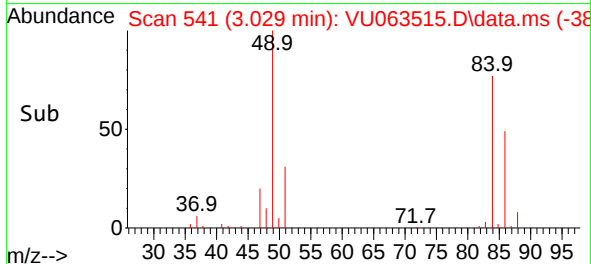
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 84 Resp: 74760
Ion Ratio Lower Upper
84 100
49 129.8 103.8 155.8
51 40.2 0.0 80.4
86 63.9 51.1 76.7

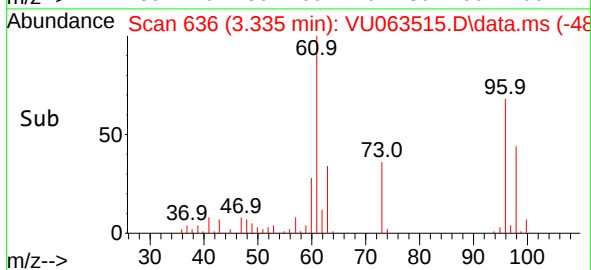
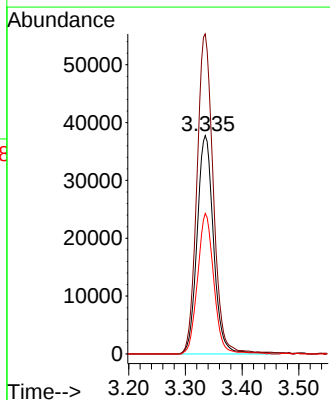
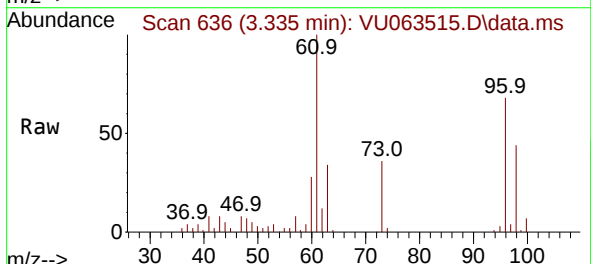
Manual Integrations
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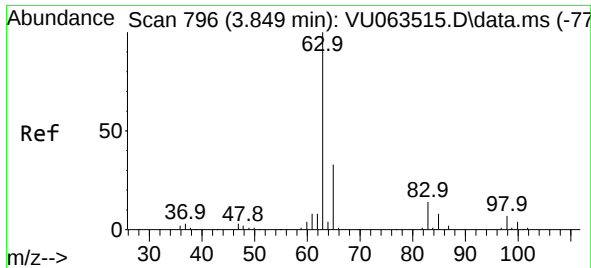
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#16
trans-1,2-Dichloroethene
Concen: 10.120 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion: 96 Resp: 76110
Ion Ratio Lower Upper
96 100
61 146.5 117.2 175.8
98 64.3 51.4 77.2





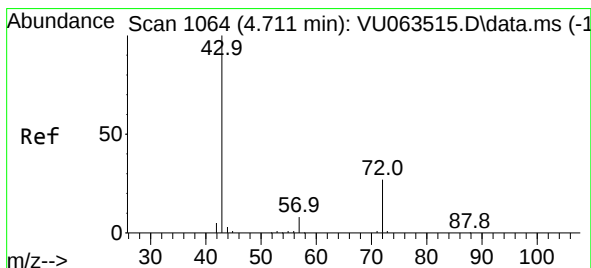
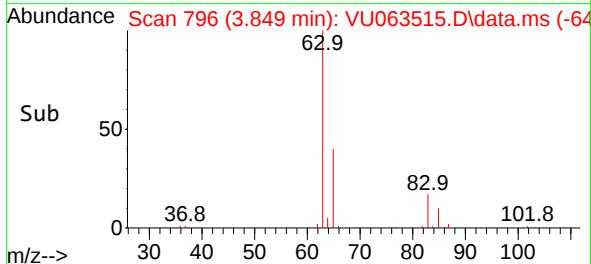
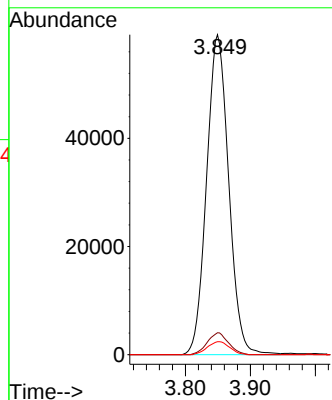
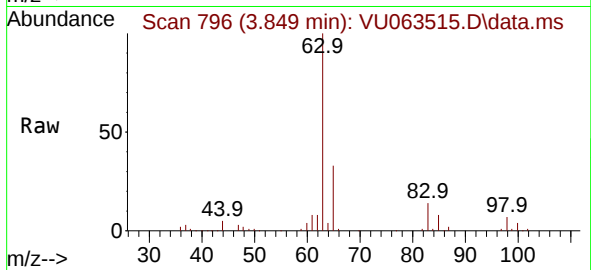
#17
1,1-Dichloroethane
Concen: 10.042 ug/l
RT: 3.849 min Scan# 796
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 63 Resp: 139980
Ion Ratio Lower Upper
63 100
98 6.8 3.4 10.2
100 4.1 2.1 6.2

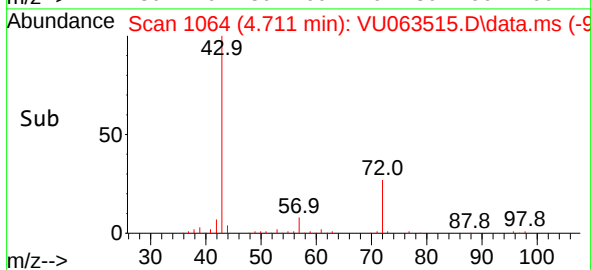
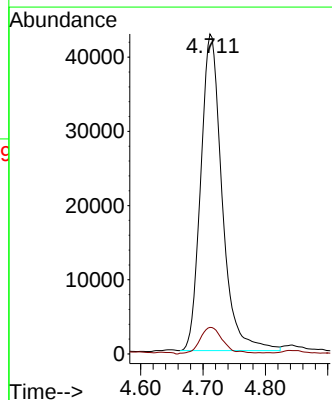
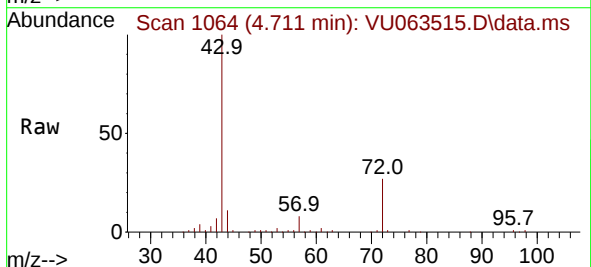
Manual Integrations
APPROVED

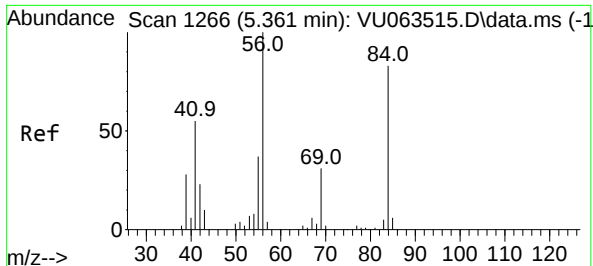
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#18
2-Butanone
Concen: 49.509 ug/l
RT: 4.711 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion: 43 Resp: 101743
Ion Ratio Lower Upper
43 100
57 8.2 0.0 16.4





#19

Cyclohexane

Concen: 9.980 ug/l

RT: 5.361 min Scan# 1266

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

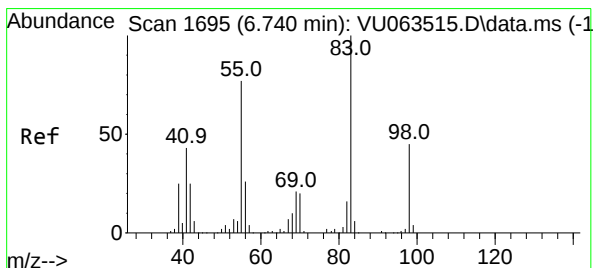
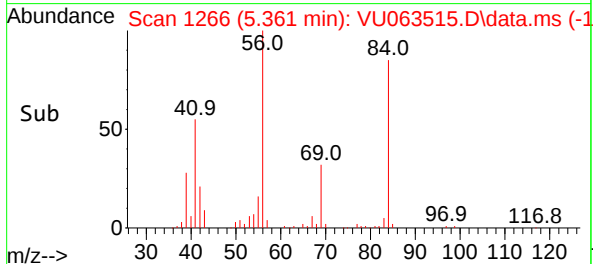
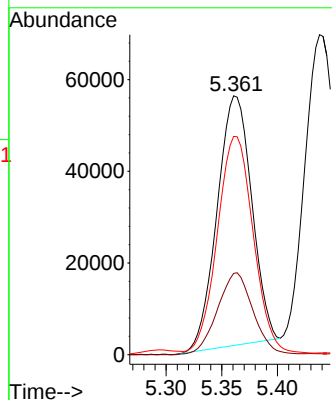
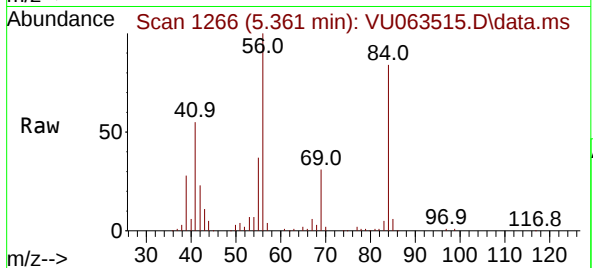
Tgt Ion: 56 Resp: 117794

Ion	Ratio	Lower	Upper
56	100		
69	33.2	26.6	39.8
84	88.7	71.0	106.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#20

Methylcyclohexane

Concen: 10.893 ug/l

RT: 6.740 min Scan# 1695

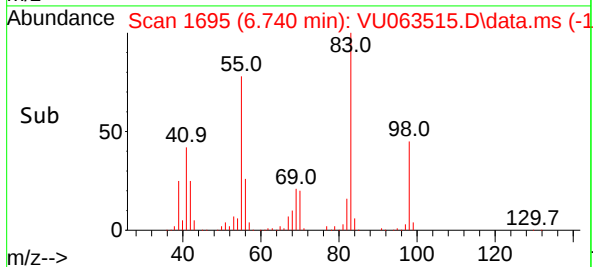
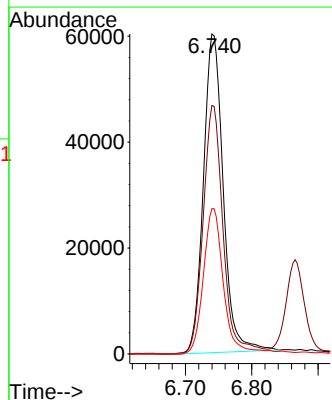
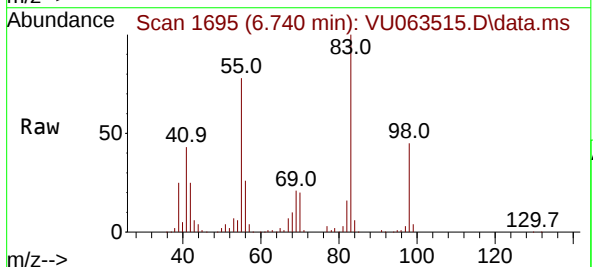
Delta R.T. 0.000 min

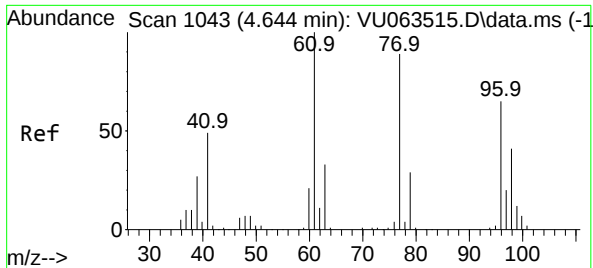
Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Tgt Ion: 83 Resp: 124959

Ion	Ratio	Lower	Upper
83	100		
55	75.7	60.6	90.8
98	44.8	35.8	53.8





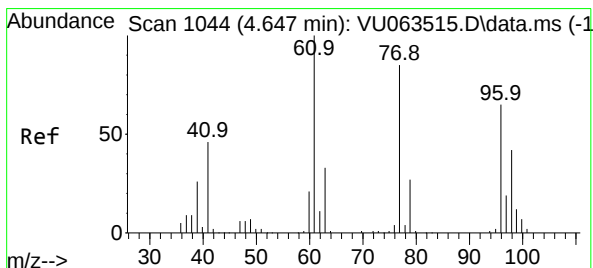
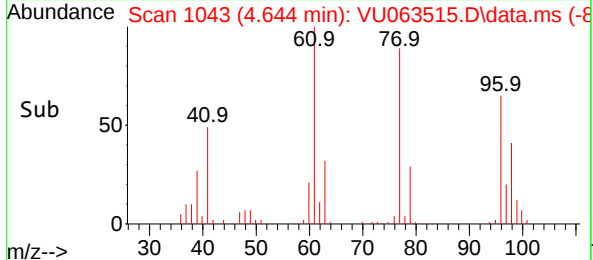
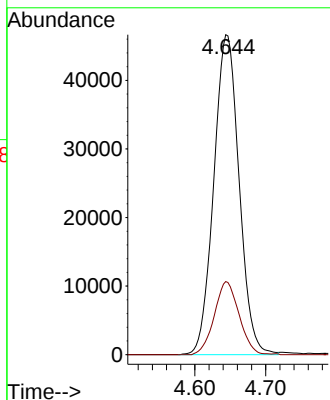
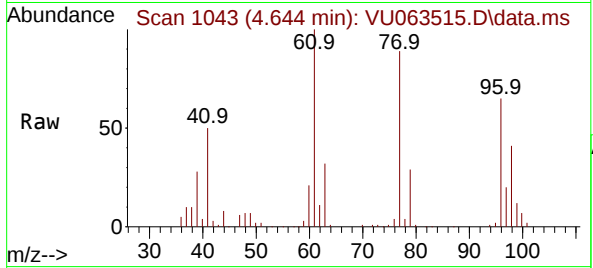
#21
2,2-Dichloropropane
Concen: 9.757 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 77 Resp: 115814
Ion Ratio Lower Upper
77 100
97 22.3 17.8 26.8

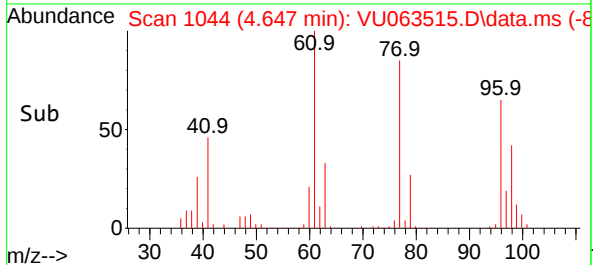
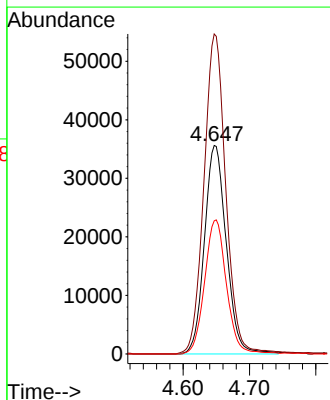
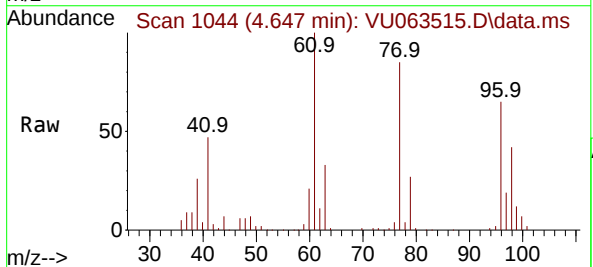
Manual Integrations
APPROVED

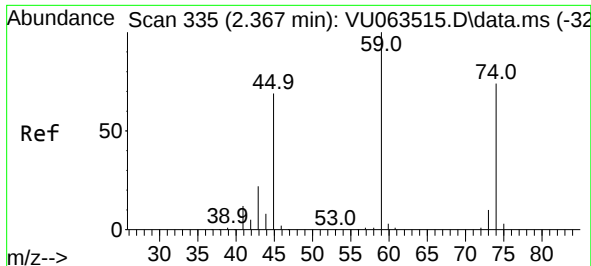
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#22
cis-1,2-Dichloroethene
Concen: 10.012 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion: 96 Resp: 81707
Ion Ratio Lower Upper
96 100
61 153.9 0.0 384.7
98 64.2 32.1 96.3





#23

Diethyl Ether

Concen: 10.428 ug/l

RT: 2.367 min Scan# 335

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

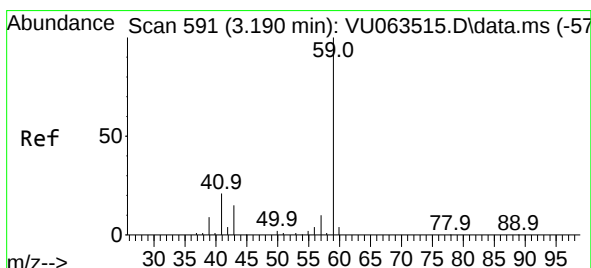
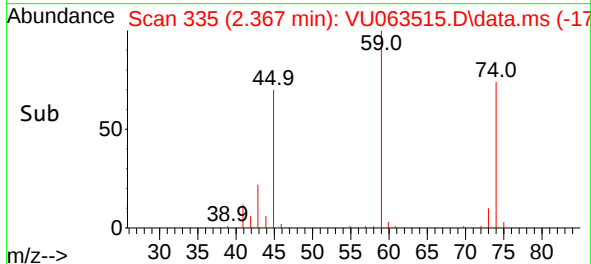
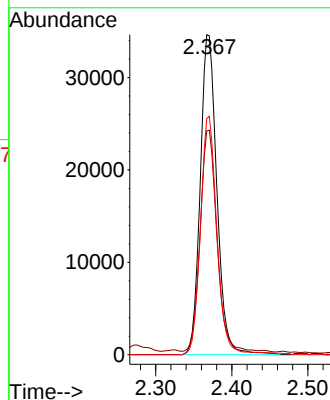
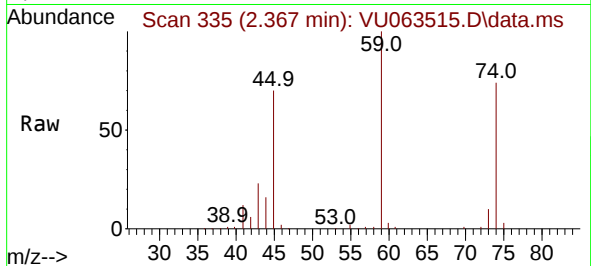
Tgt Ion: 59 Resp: 52619

Ion	Ratio	Lower	Upper
59	100		
45	68.9	55.1	82.7
74	72.8	58.2	87.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#24

tert-Butyl Alcohol

Concen: 100.062 ug/l

RT: 3.190 min Scan# 591

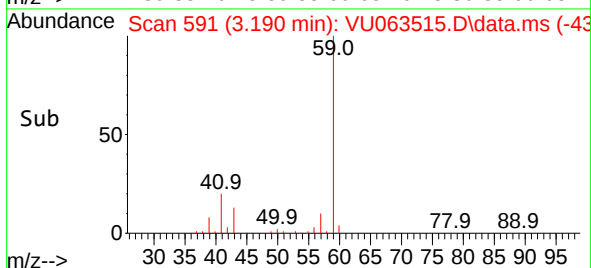
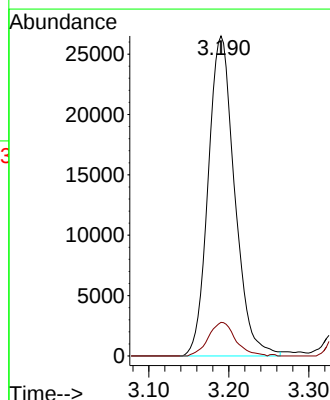
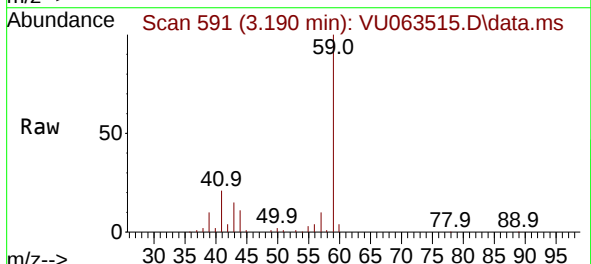
Delta R.T. 0.000 min

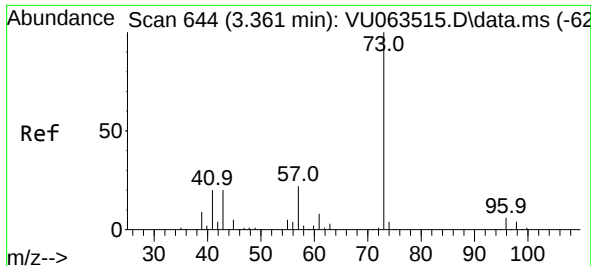
Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Tgt Ion: 59 Resp: 60952

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.6	12.8





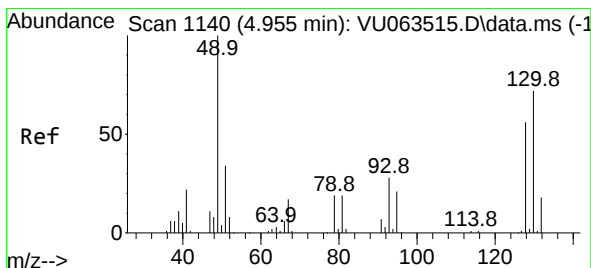
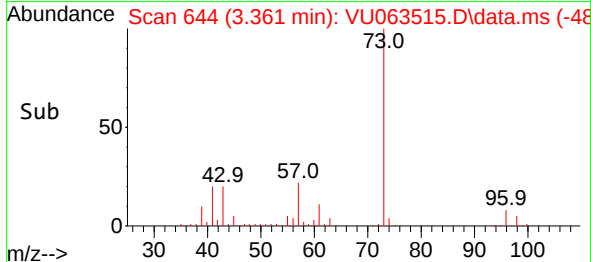
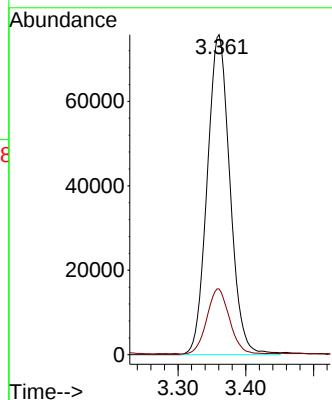
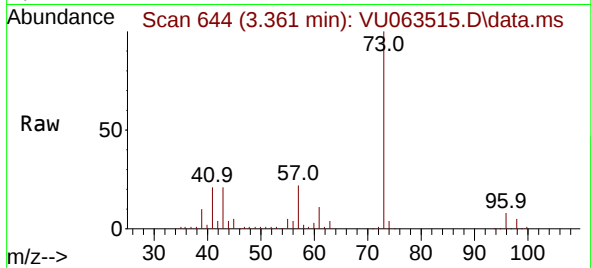
#25
Methyl tert-Butyl Ether
Concen: 10.218 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 73 Resp: 17664
Ion Ratio Lower Upper
73 100
43 20.2 16.2 24.2

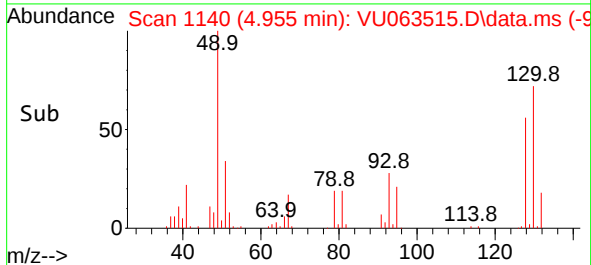
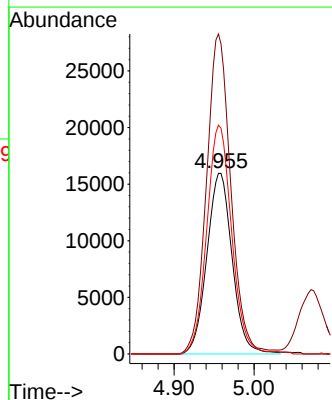
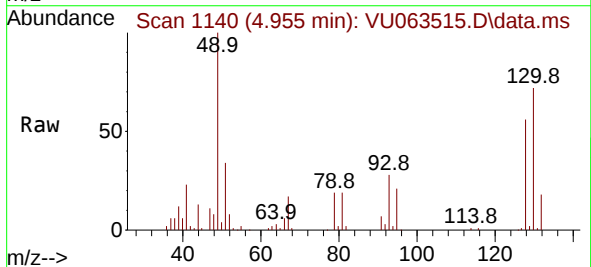
Manual Integrations
APPROVED

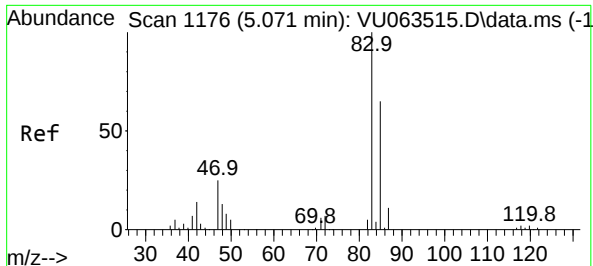
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#26
Bromochloromethane
Concen: 10.293 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion:128 Resp: 35072
Ion Ratio Lower Upper
128 100
49 170.4 0.0 340.8
130 125.6 100.5 150.7





#27

Chloroform

Concen: 9.805 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 139474

Ion Ratio Lower Upper

83 100

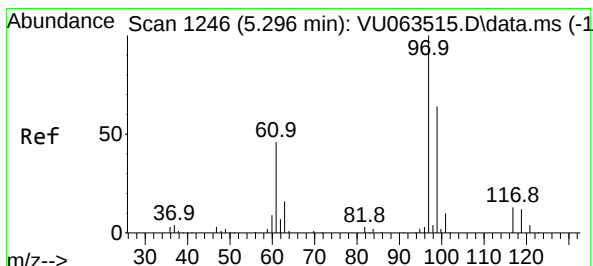
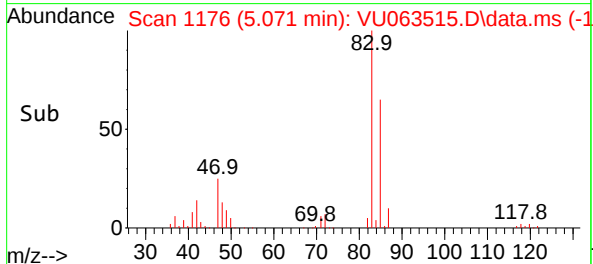
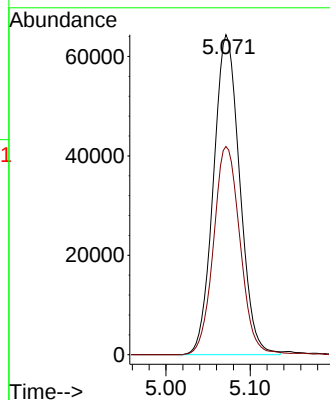
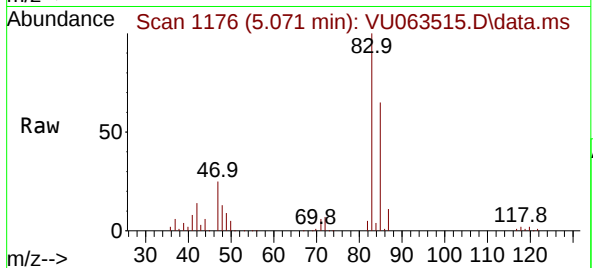
85 65.0 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#28

1,1,1-Trichloroethane

Concen: 10.174 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

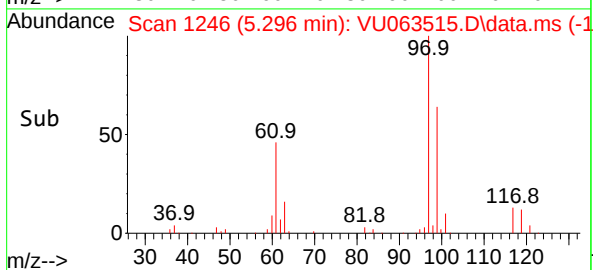
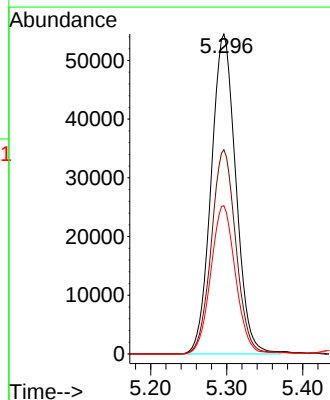
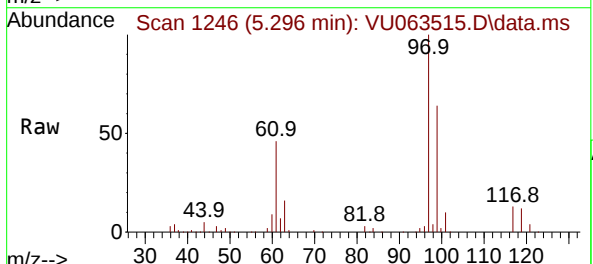
Tgt Ion: 97 Resp: 122824

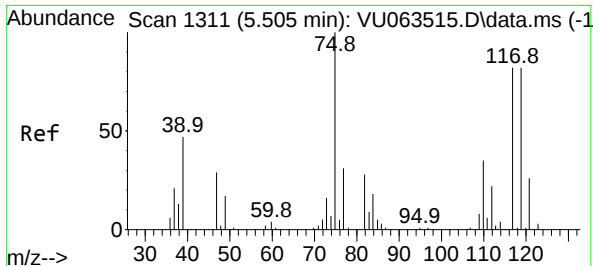
Ion Ratio Lower Upper

97 100

99 63.5 31.8 95.3

61 46.6 23.3 69.9





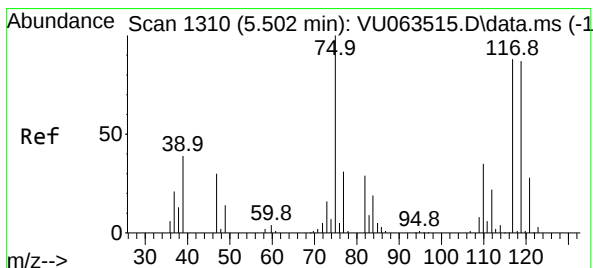
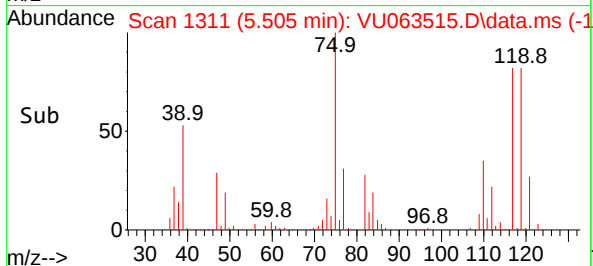
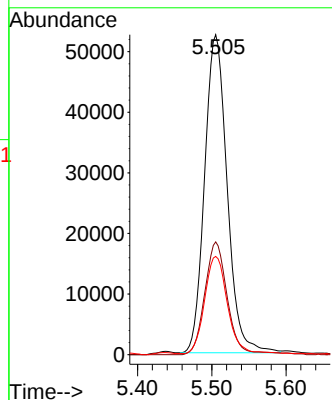
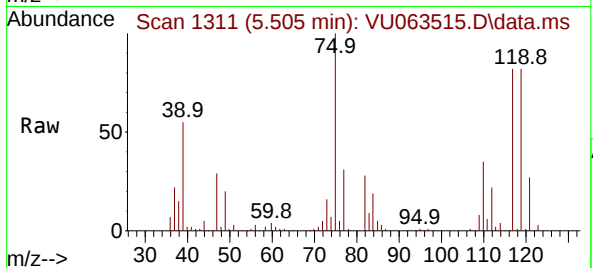
#29
1,1-Dichloropropene
Concen: 9.894 ug/l
RT: 5.505 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 75 Resp: 110654
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.4
77 30.8 24.6 37.0

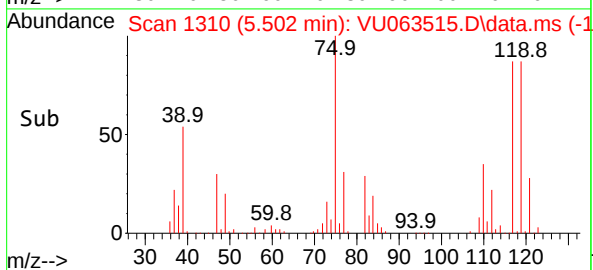
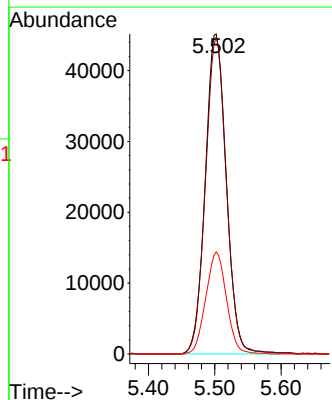
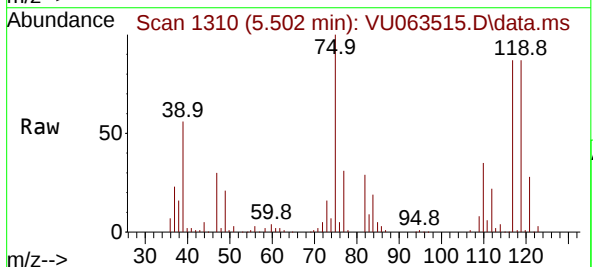
Manual Integrations
APPROVED

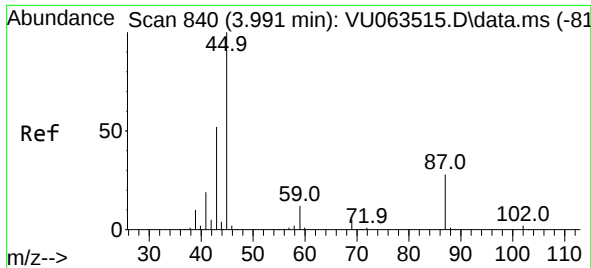
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#30
Carbon Tetrachloride
Concen: 10.277 ug/l
RT: 5.502 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

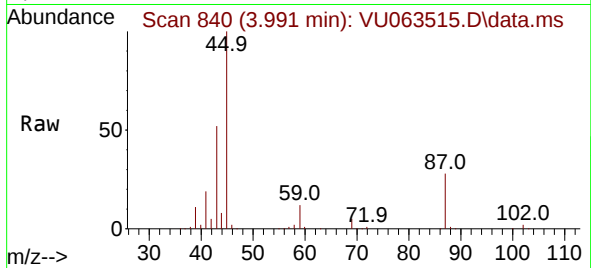
Tgt Ion:117 Resp: 99861
Ion Ratio Lower Upper
117 100
119 99.0 79.2 118.8
121 31.9 25.5 38.3





#31
Isopropyl Ether
Concen: 10.078 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

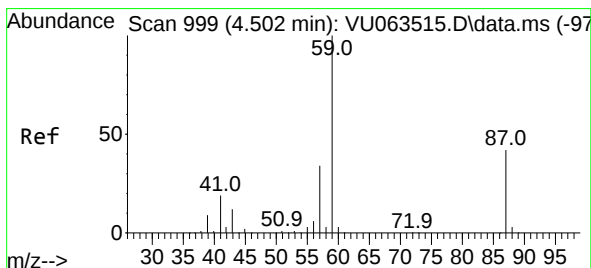
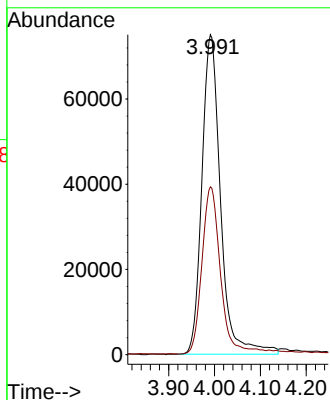
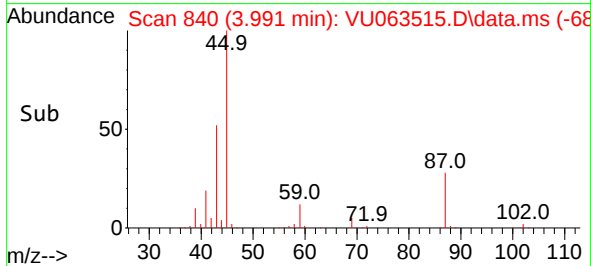
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 45 Resp: 21206
Ion Ratio Lower Upper
45 100
43 51.3 25.7 77.0

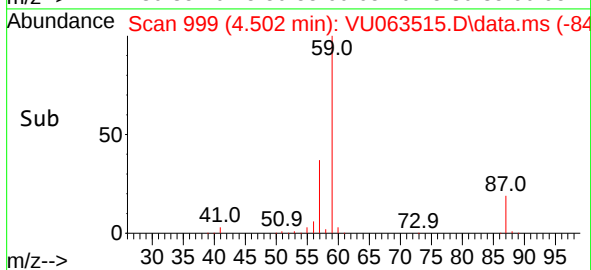
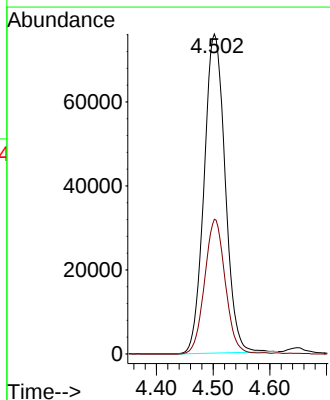
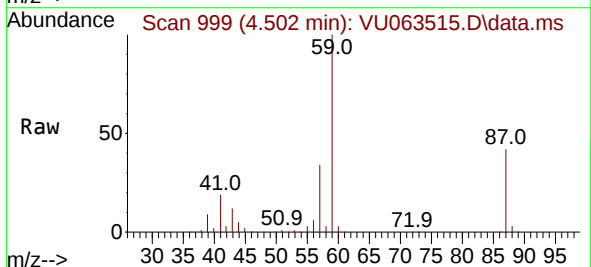
Manual Integrations
APPROVED

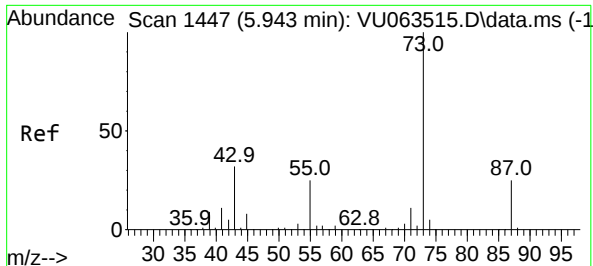
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#32
Ethyl-t-butyl ether
Concen: 10.077 ug/l
RT: 4.502 min Scan# 999
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

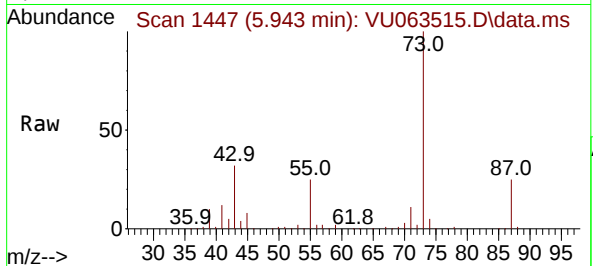
Tgt Ion: 59 Resp: 196224
Ion Ratio Lower Upper
59 100
87 40.8 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 10.045 ug/l
RT: 5.943 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

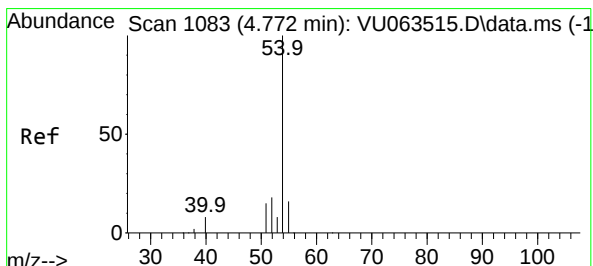
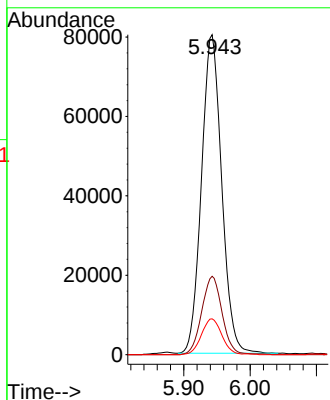
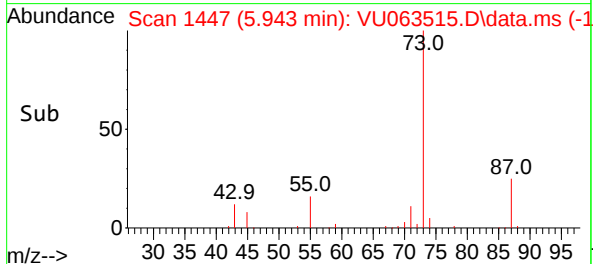
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 73 Resp: 16975
Ion Ratio Lower Upper
73 100
87 24.3 19.4 29.2
71 11.1 8.9 13.3

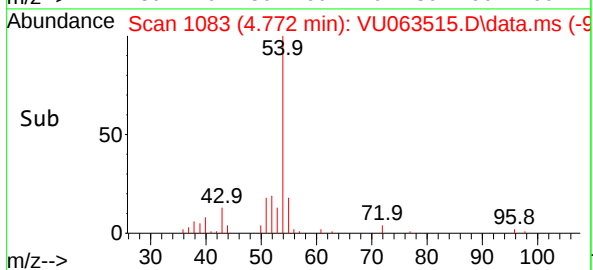
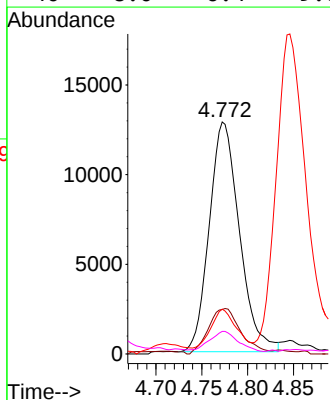
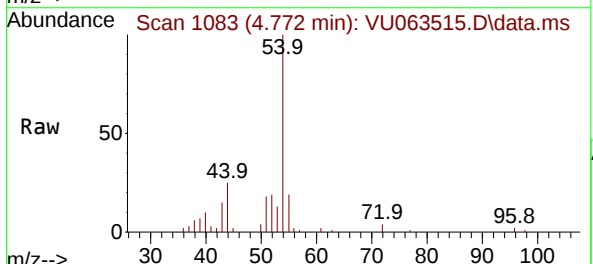
Manual Integrations
APPROVED

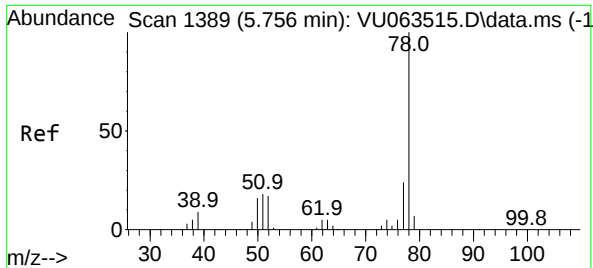
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#34
Propionitrile
Concen: 46.949 ug/l
RT: 4.772 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion: 54 Resp: 29396
Ion Ratio Lower Upper
54 100
52 21.2 17.0 25.4
55 17.0 13.6 20.4
40 8.0 6.4 9.6





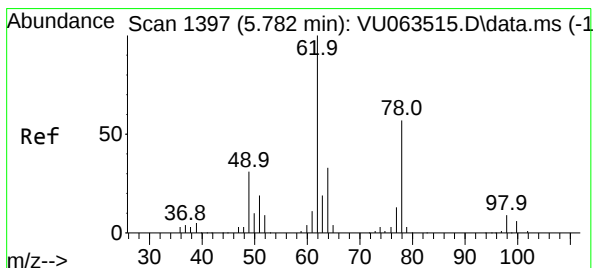
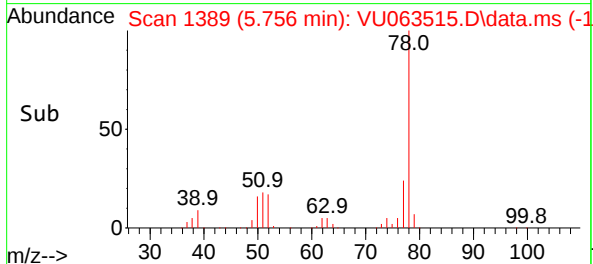
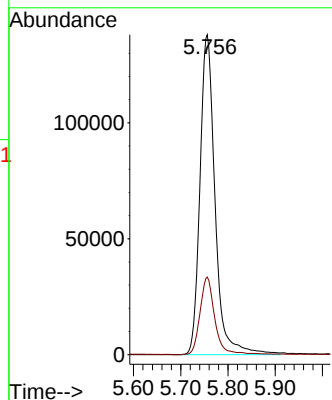
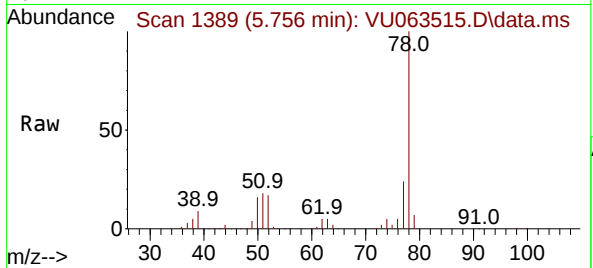
#35
Benzene
Concen: 10.205 ug/l
RT: 5.756 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 78 Resp: 306660
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.2

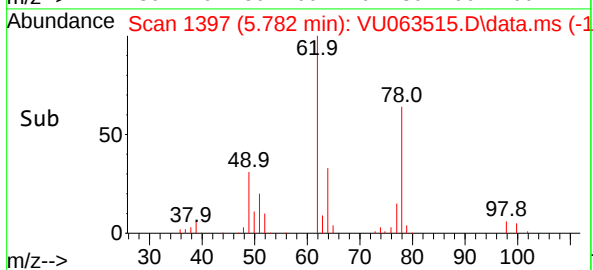
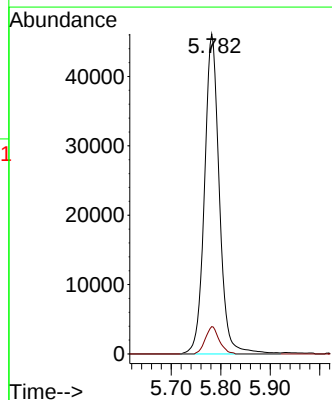
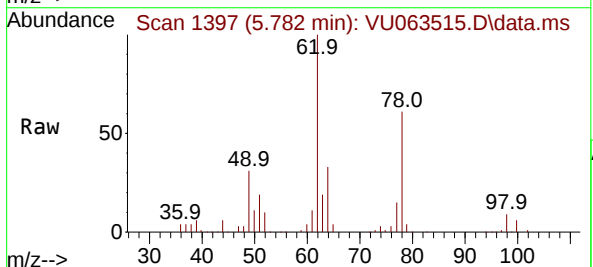
Manual Integrations
APPROVED

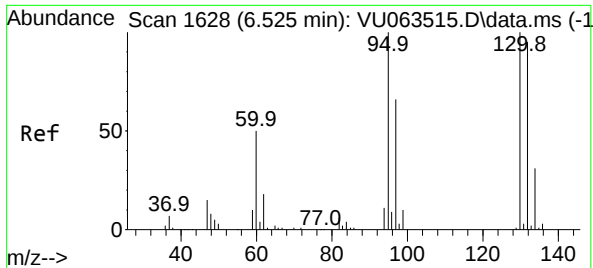
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#36
1,2-Dichloroethane
Concen: 10.281 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

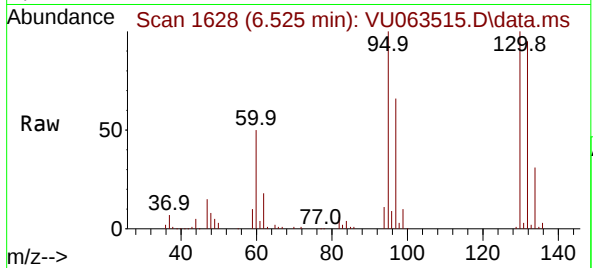
Tgt Ion: 62 Resp: 95989
Ion Ratio Lower Upper
62 100
98 8.0 6.4 9.6





#37
Trichloroethene
Concen: 10.731 ug/l
RT: 6.525 min Scan# 1628
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

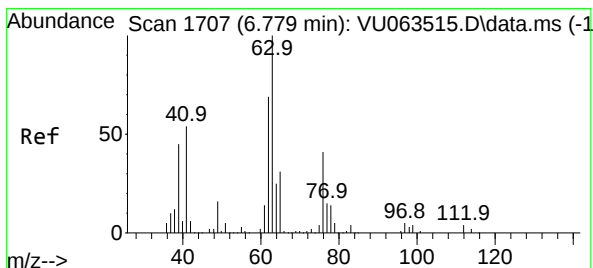
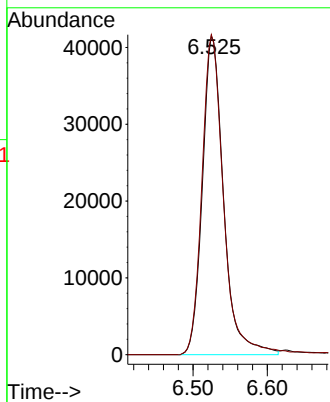
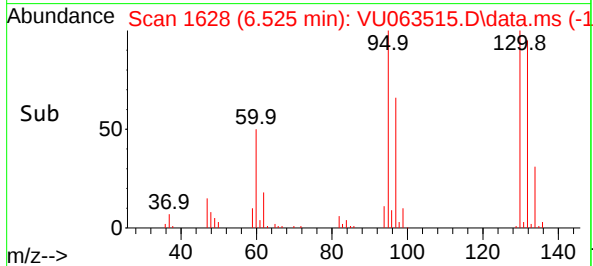
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



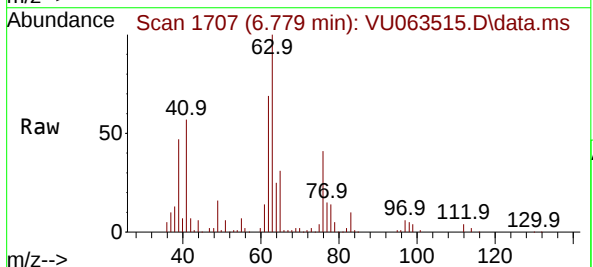
Tgt Ion:130 Resp: 82269
Ion Ratio Lower Upper
130 100
95 100.4 80.3 120.5

Manual Integrations
APPROVED

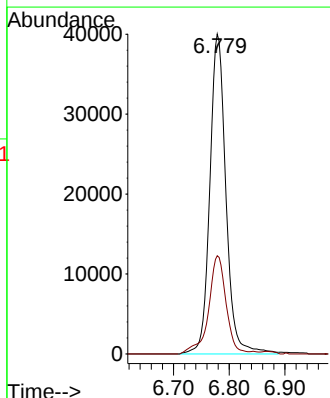
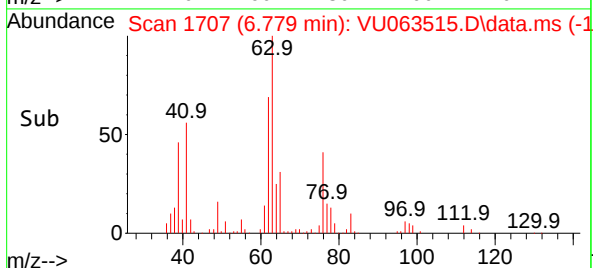
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

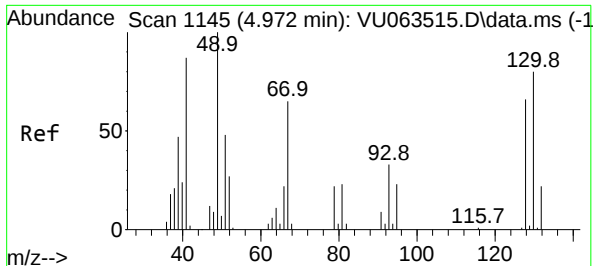


#38
1,2-Dichloropropane
Concen: 11.439 ug/l
RT: 6.779 min Scan# 1707
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37



Tgt Ion: 63 Resp: 80452
Ion Ratio Lower Upper
63 100
65 30.7 24.6 36.8





#39

Methacrylonitrile

Concen: 9.408 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 2585

Ion Ratio Lower Upper

41 100

67 78.4 62.7 94.1

39 53.9 43.1 64.7

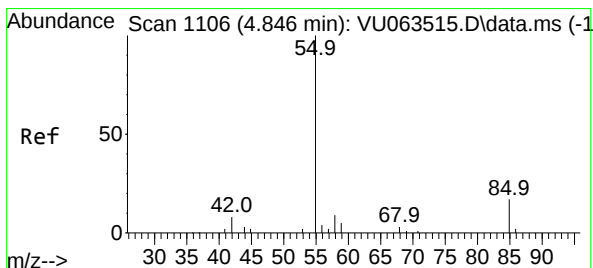
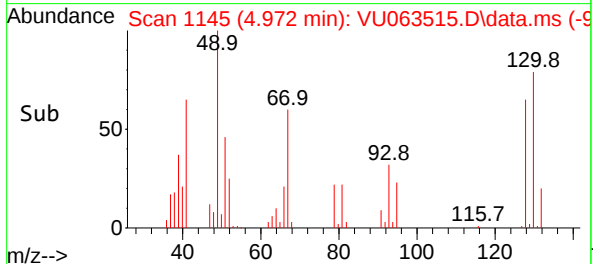
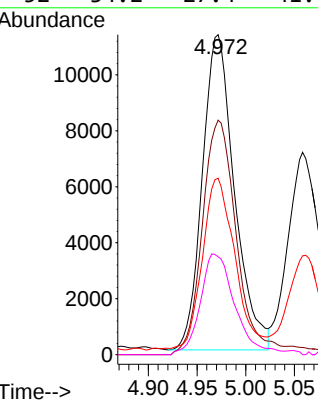
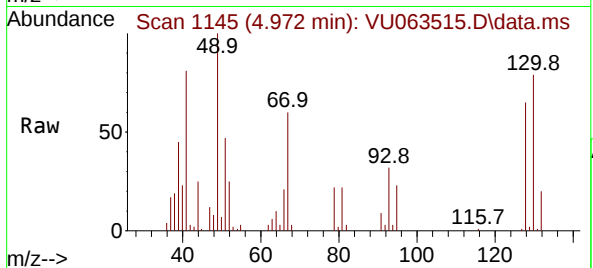
52 34.2 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#40

Methyl acrylate

Concen: 10.557 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Tgt Ion: 55 Resp: 42948

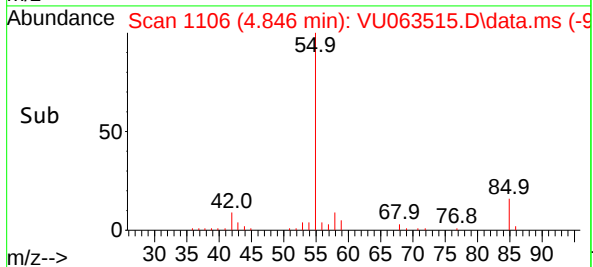
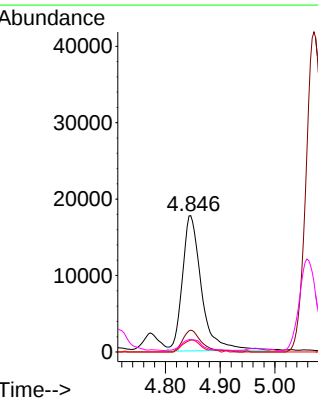
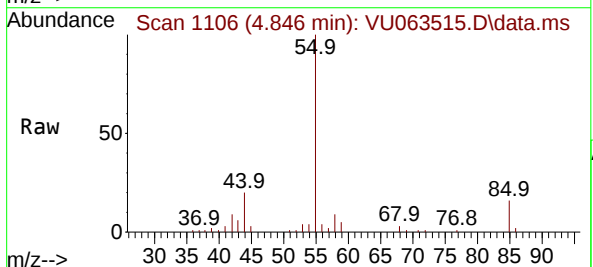
Ion Ratio Lower Upper

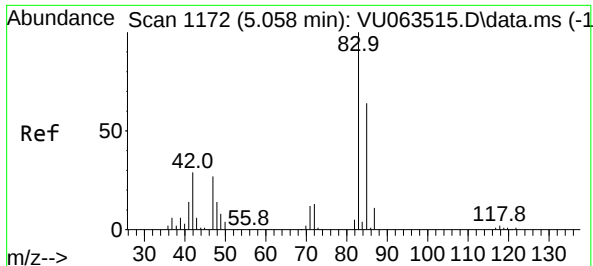
55 100

85 16.0 12.8 19.2

58 8.7 7.0 10.4

42 8.7 7.0 10.4





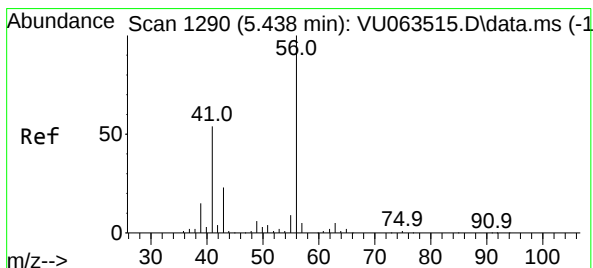
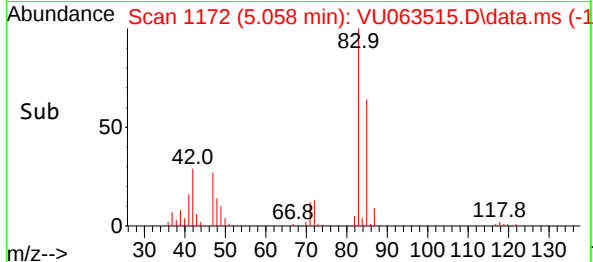
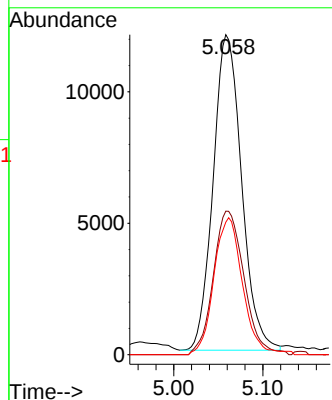
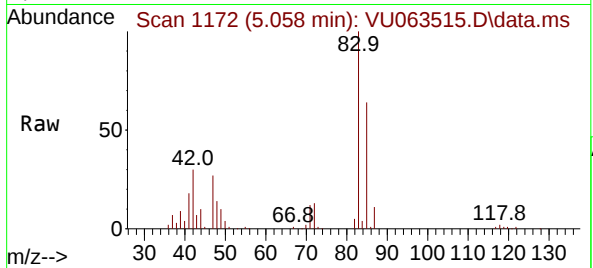
#41
Tetrahydrofuran
Concen: 18.218 ug/l
RT: 5.058 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 42 Resp: 26672
Ion Ratio Lower Upper
42 100
72 49.0 39.2 58.8
71 43.5 34.8 52.2

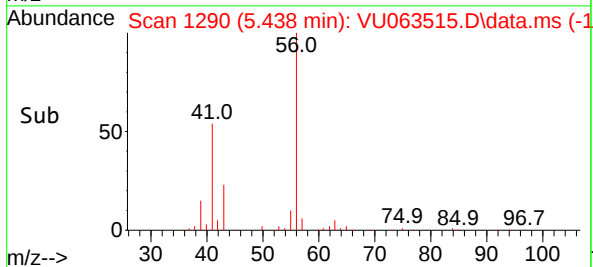
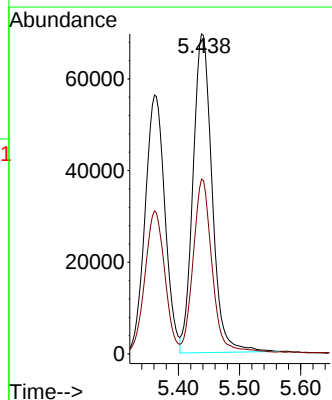
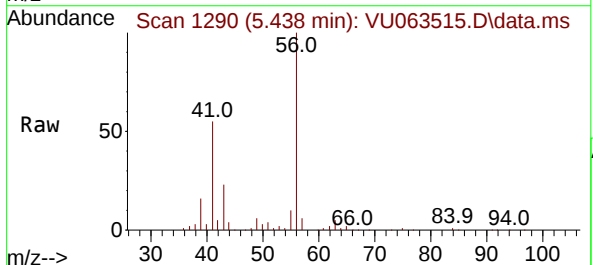
Manual Integrations
APPROVED

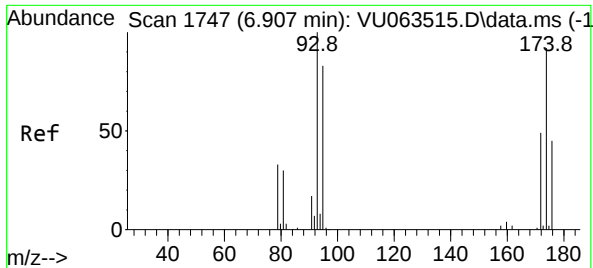
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#42
1-Chlorobutane
Concen: 10.139 ug/l
RT: 5.438 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

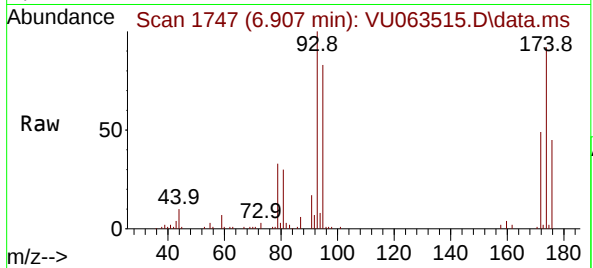
Tgt Ion: 56 Resp: 150746
Ion Ratio Lower Upper
56 100
41 53.3 26.7 80.0





#43
Dibromomethane
Concen: 10.765 ug/l
RT: 6.907 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

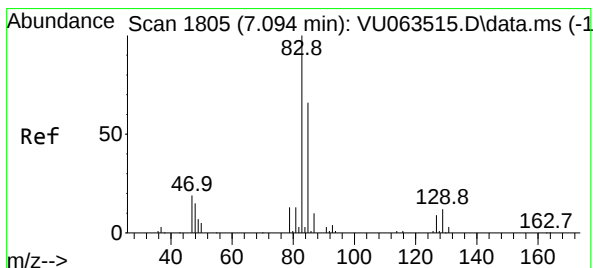
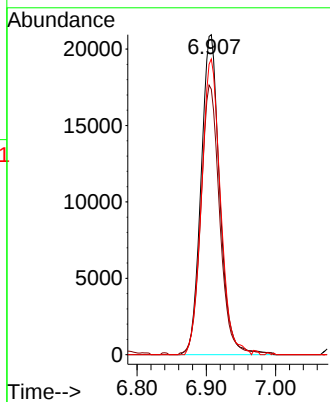
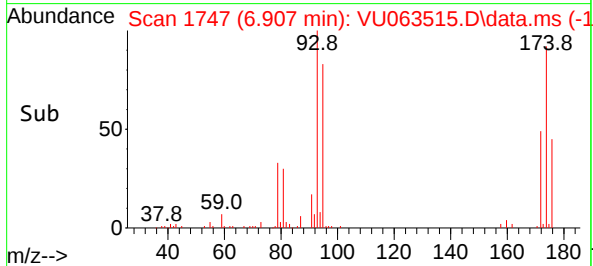
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



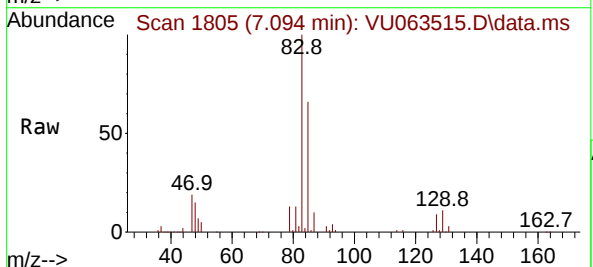
Tgt Ion: 93 Resp: 39219
Ion Ratio Lower Upper
93 100
95 84.9 67.9 101.9
174 93.2 74.6 111.8

Manual Integrations
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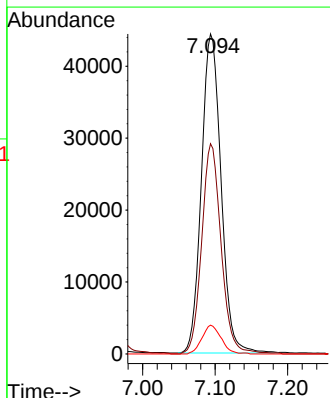
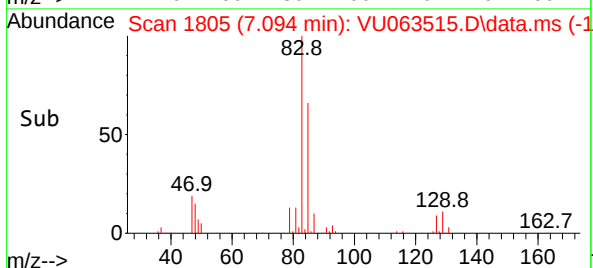
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

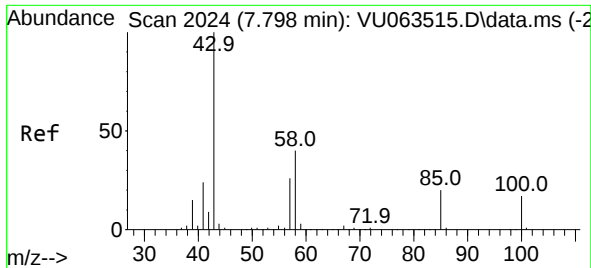


#44
Bromodichloromethane
Concen: 10.173 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37



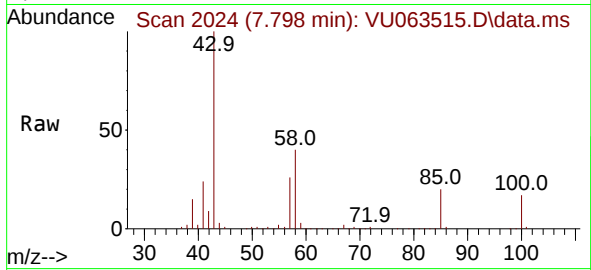
Tgt Ion: 83 Resp: 83585
Ion Ratio Lower Upper
83 100
85 65.9 52.7 79.1
127 10.1 8.1 12.1





#45
4-Methyl-2-Pentanone
Concen: 51.766 ug/l
RT: 7.798 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

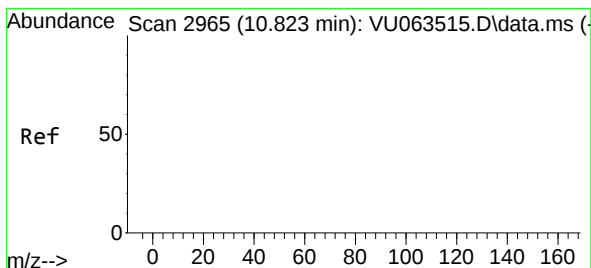
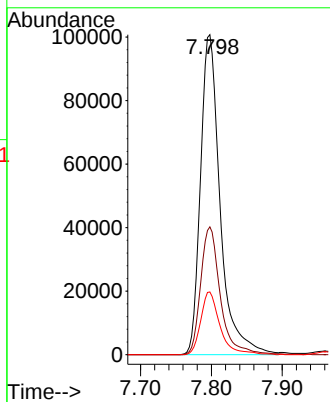
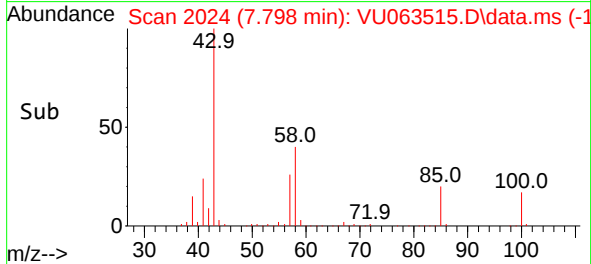
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 19437
Ion Ratio Lower Upper
43 100
58 40.0 20.0 60.0
85 19.2 15.4 23.0

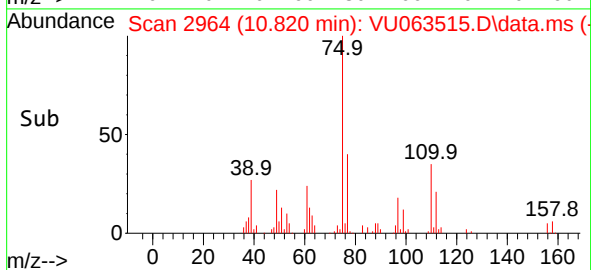
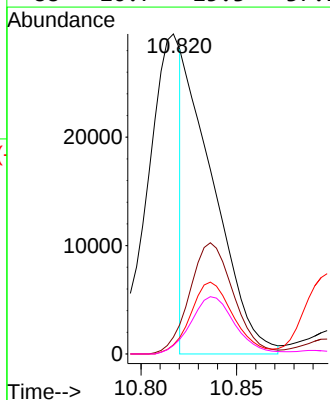
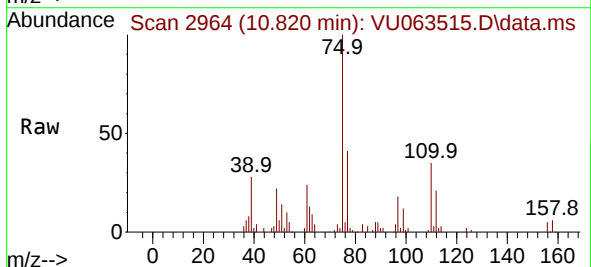
Manual Integrations
APPROVED

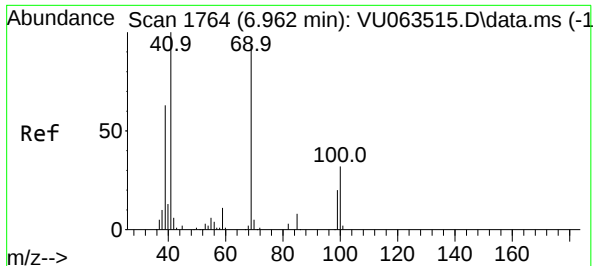
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#46
t-1,4-Dichloro-2-butene
Concen: 24.076 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. -0.003 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion: 75 Resp: 32073
Ion Ratio Lower Upper
75 100
53 51.1 48.4 72.6
89 32.3 30.6 45.8
88 26.7 25.3 37.9





#47

Methyl methacrylate

Concen: 21.203 ug/l

RT: 6.962 min Scan# 1764

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 69 Resp: 6487

Ion Ratio Lower Upper

69 100

41 112.0 0.0 224.0

39 69.1 55.3 82.9

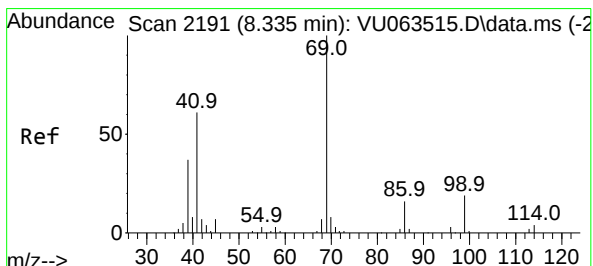
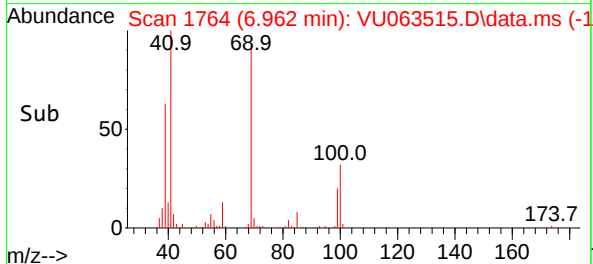
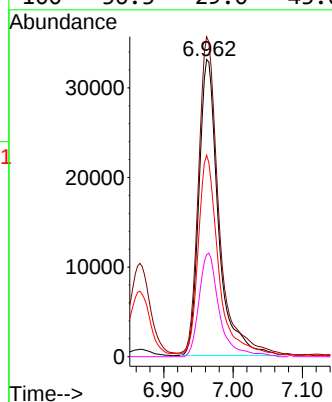
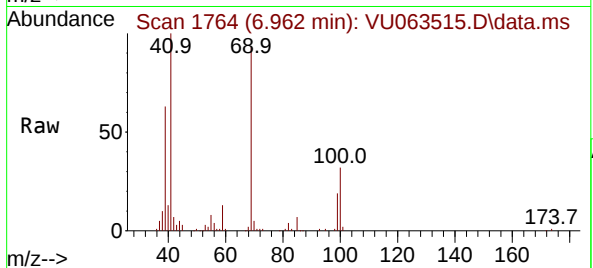
100 36.3 29.0 43.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#48

Ethyl methacrylate

Concen: 11.020 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.000 min

Lab File: VU063515.D

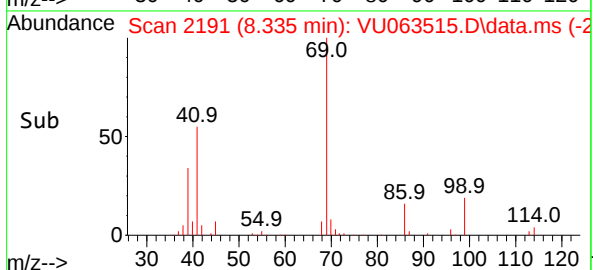
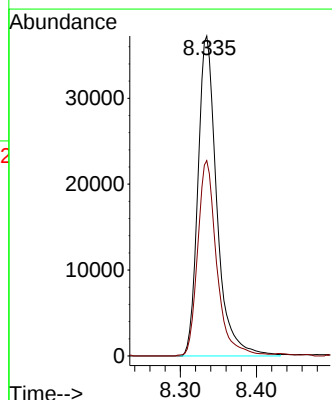
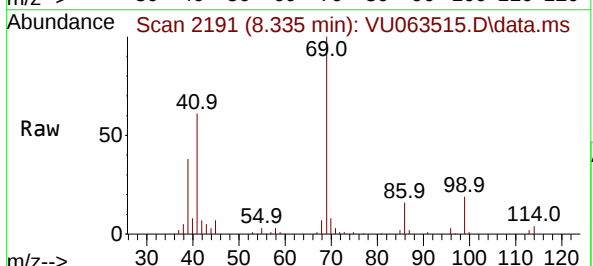
Acq: 16 Jul 2025 11:37

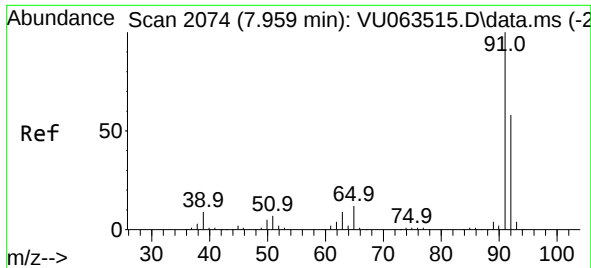
Tgt Ion: 69 Resp: 64347

Ion Ratio Lower Upper

69 100

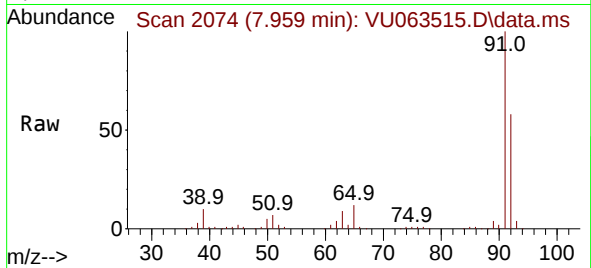
41 61.6 30.8 92.4





#49
Toluene
Concen: 10.432 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

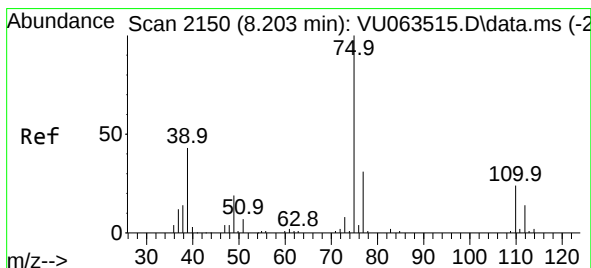
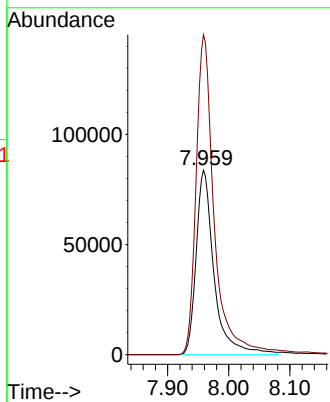
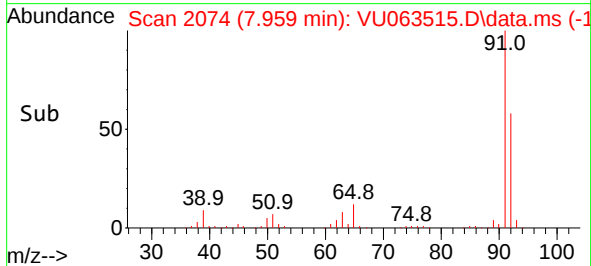
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 92 Resp: 171140
Ion Ratio Lower Upper
92 100
91 175.5 140.4 210.6

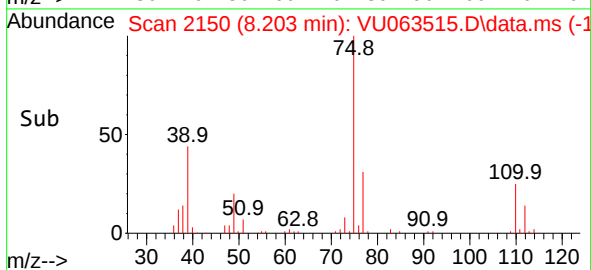
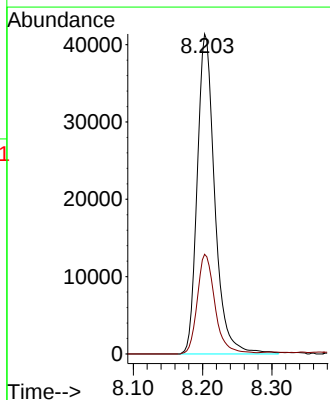
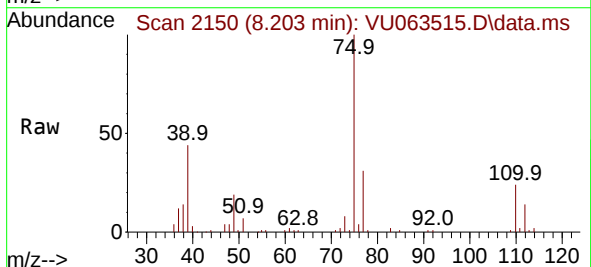
Manual Integrations
APPROVED

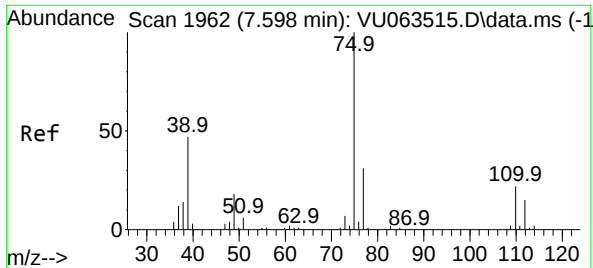
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#50
t-1,3-Dichloropropene
Concen: 11.292 ug/l
RT: 8.203 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion: 75 Resp: 72787
Ion Ratio Lower Upper
75 100
77 31.1 24.9 37.3





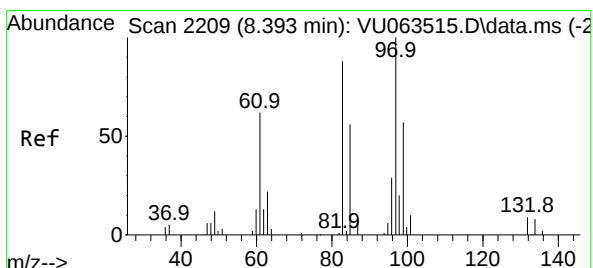
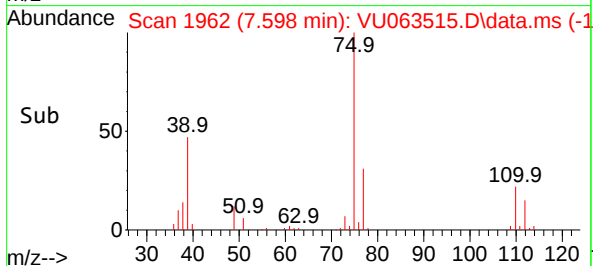
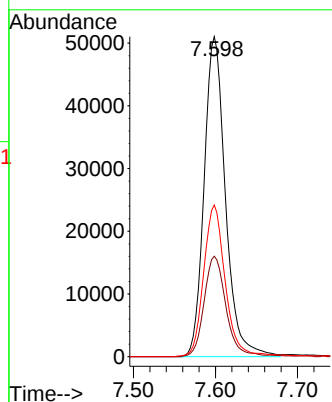
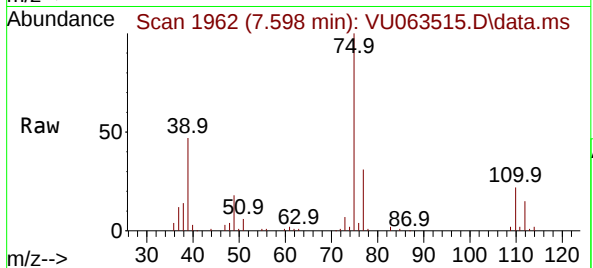
#51
 cis-1,3-Dichloropropene
 Concen: 10.668 ug/l
 RT: 7.598 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU063515.D
 Acq: 16 Jul 2025 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 75 Resp: 9230
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.1 37.7
 39 47.2 37.8 56.6

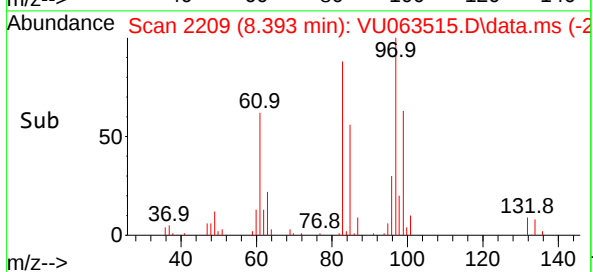
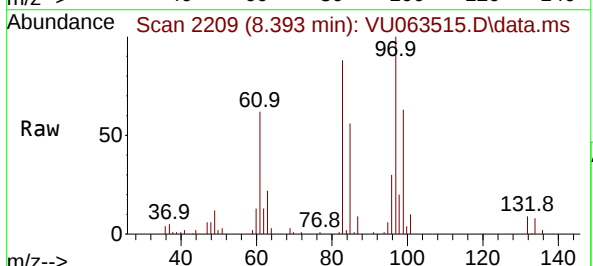
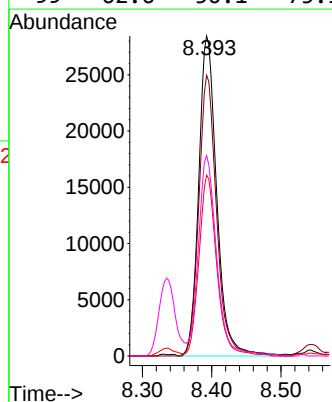
Manual Integrations
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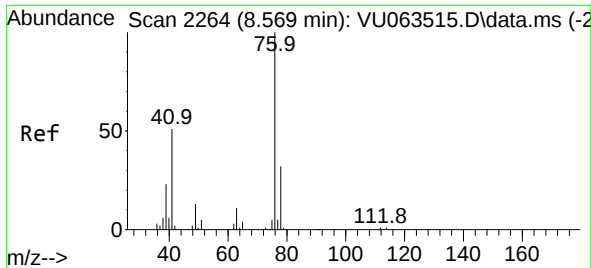
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#52
 1,1,2-Trichloroethane
 Concen: 10.510 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.000 min
 Lab File: VU063515.D
 Acq: 16 Jul 2025 11:37

Tgt Ion: 97 Resp: 51547
 Ion Ratio Lower Upper
 97 100
 83 87.7 70.2 105.2
 85 56.5 45.2 67.8
 99 62.6 50.1 75.1





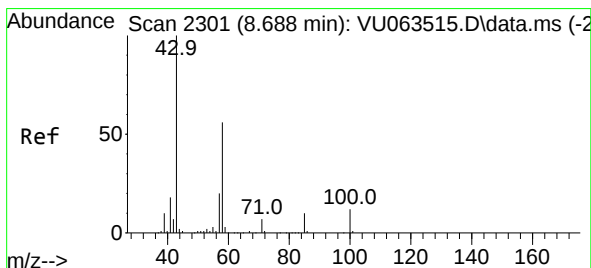
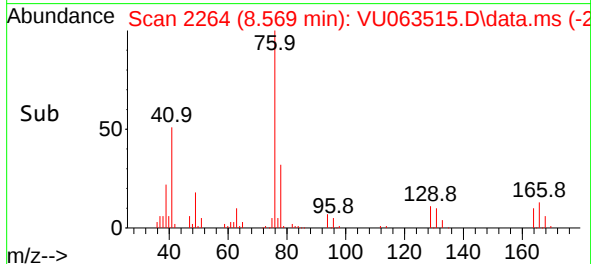
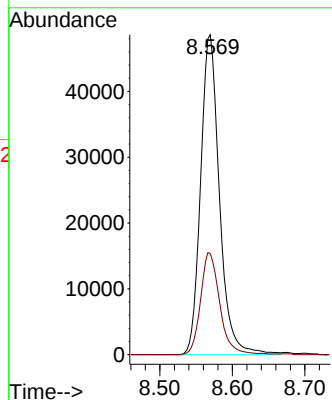
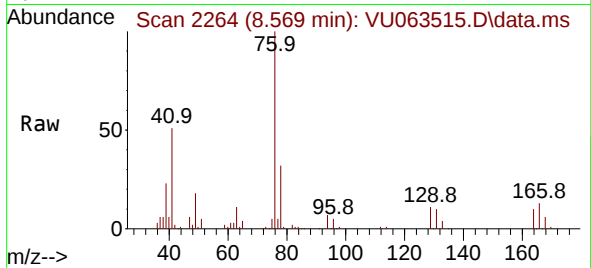
#53
1,3-Dichloropropane
Concen: 10.355 ug/l
RT: 8.569 min Scan# 2264
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 76 Resp: 8768
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0

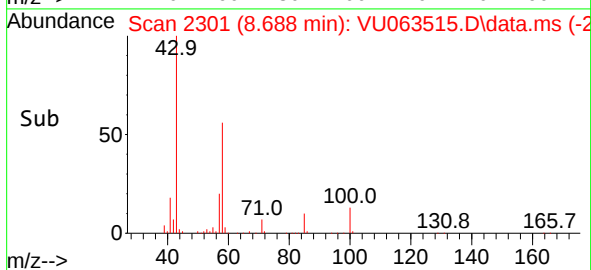
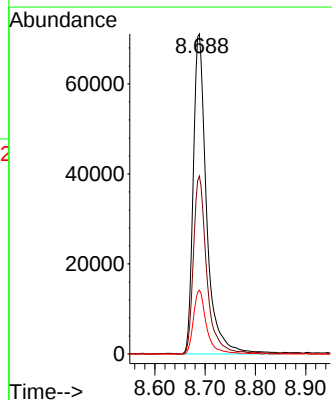
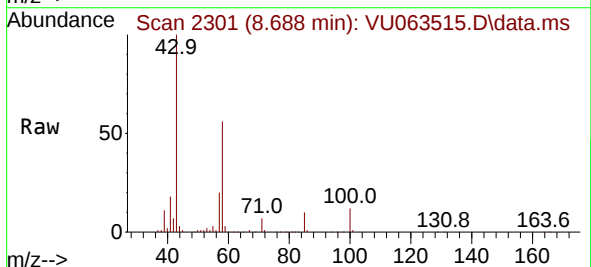
Manual Integrations
APPROVED

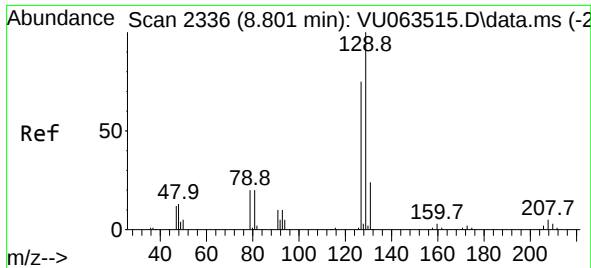
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#54
2-Hexanone
Concen: 52.658 ug/l
RT: 8.688 min Scan# 2301
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

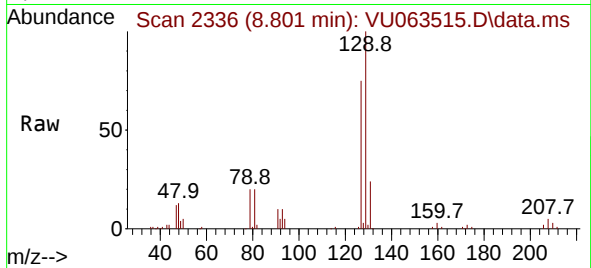
Tgt Ion: 43 Resp: 131332
Ion Ratio Lower Upper
43 100
58 54.8 34.8 74.8
57 19.5 0.0 39.5





#55
Dibromochloromethane
Concen: 11.401 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

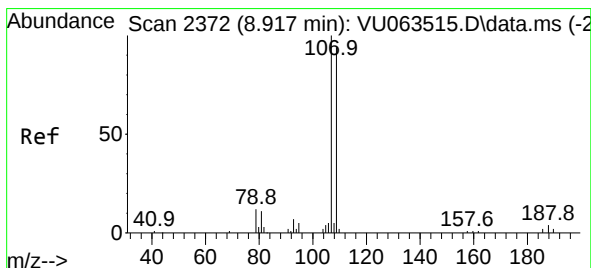
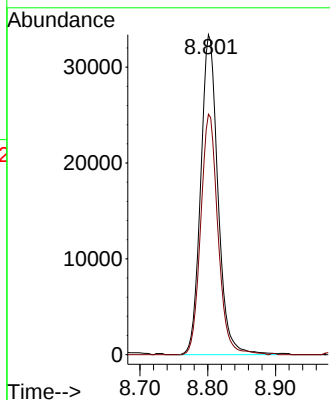
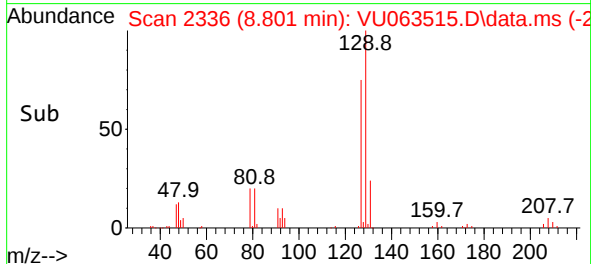
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:129 Resp: 59098
Ion Ratio Lower Upper
129 100
127 75.1 60.1 90.1

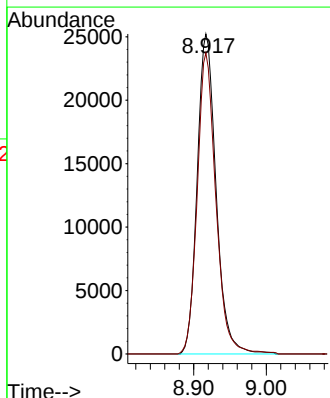
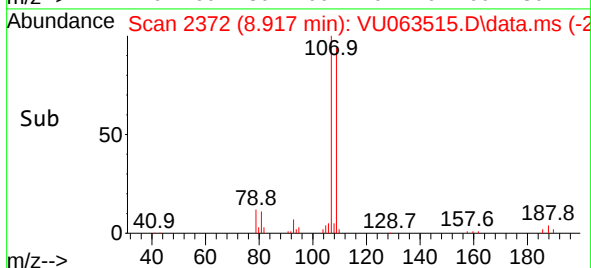
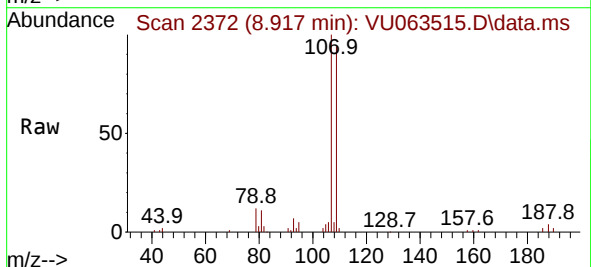
Manual Integrations
APPROVED

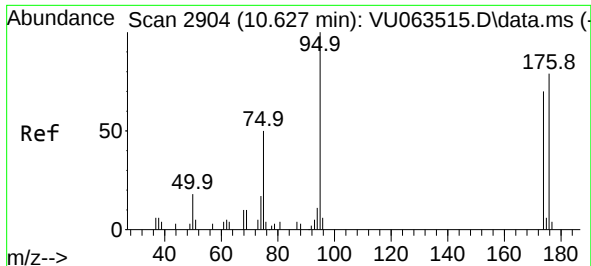
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#56
1,2-Dibromoethane
Concen: 10.388 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

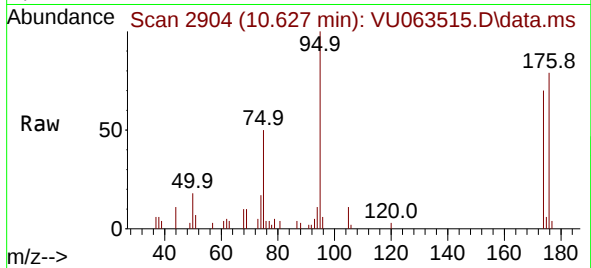
Tgt Ion:107 Resp: 45601
Ion Ratio Lower Upper
107 100
109 93.2 0.0 186.4





#57
4-Bromofluorobenzene
Concen: 0.975 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

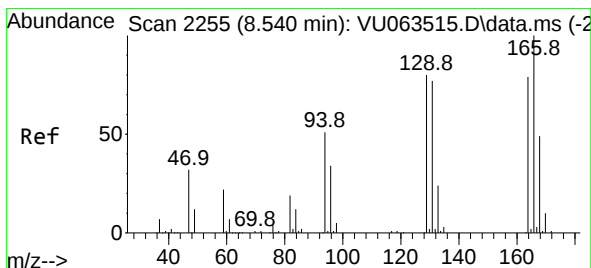
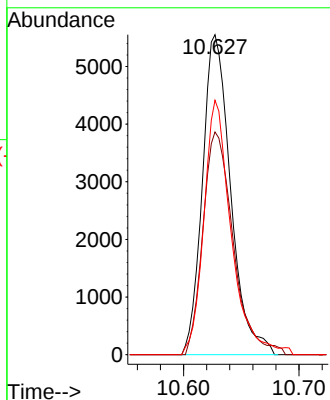
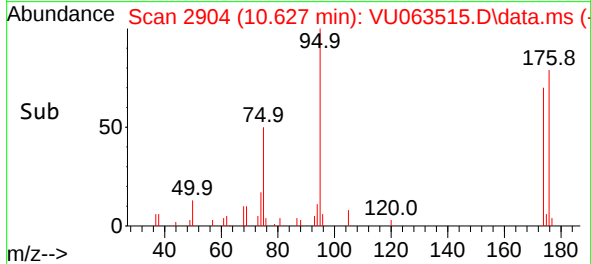
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 95 Resp: 9419
Ion Ratio Lower Upper
95 100
174 74.8 59.8 89.8
176 77.3 61.8 92.8

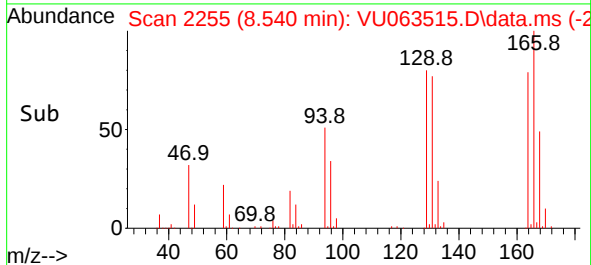
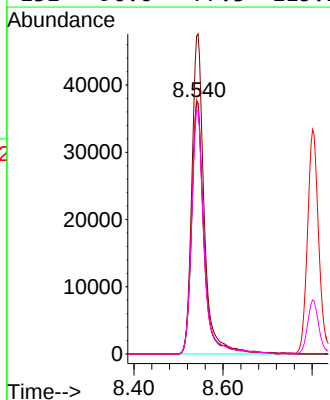
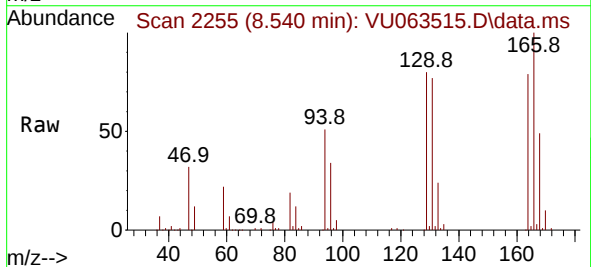
Manual Integrations
APPROVED

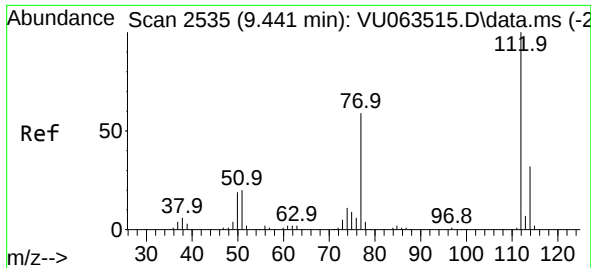
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#58
Tetrachloroethene
Concen: 10.376 ug/l
RT: 8.540 min Scan# 2255
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

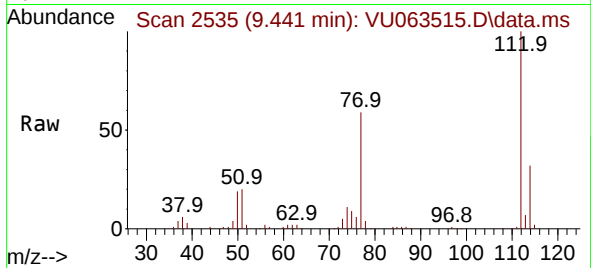
Tgt Ion:164 Resp: 72806
Ion Ratio Lower Upper
164 100
166 125.9 100.7 151.1
129 100.7 80.6 120.8
131 96.6 77.3 115.9





#59
Chlorobenzene
Concen: 10.443 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

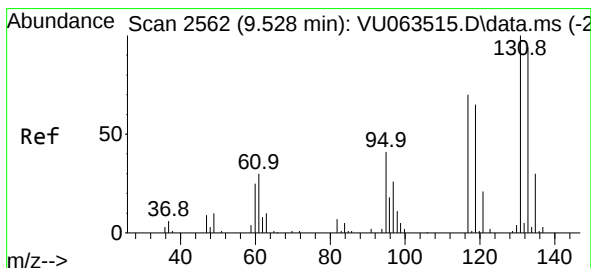
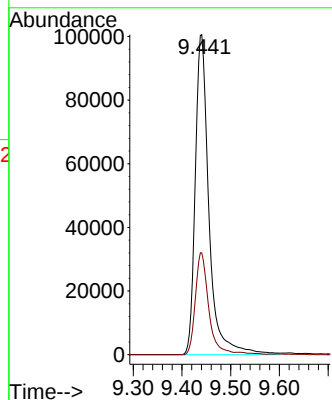
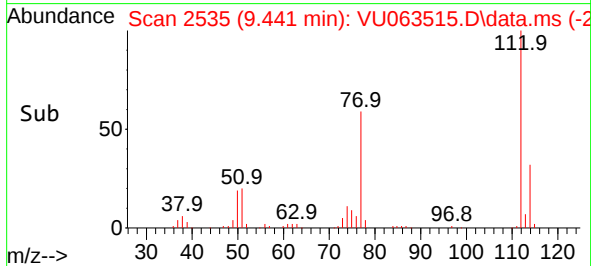
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:112 Resp: 196780
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

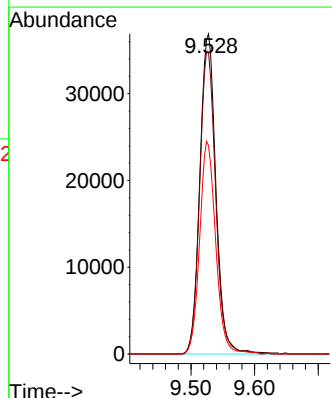
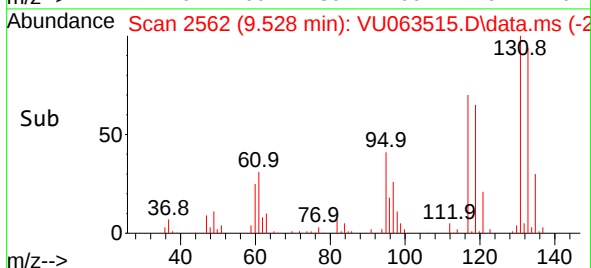
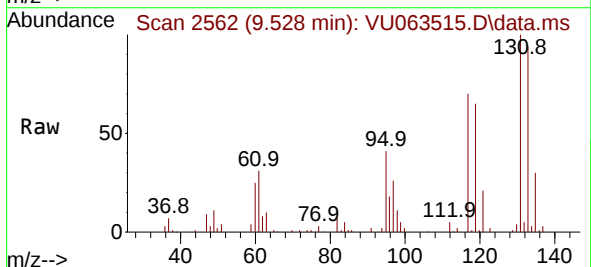
Manual Integrations
APPROVED

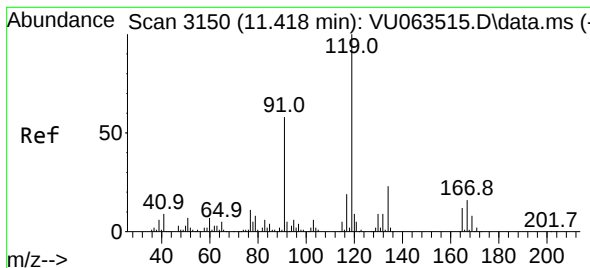
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 10.702 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion:131 Resp: 64850
Ion Ratio Lower Upper
131 100
133 93.4 74.7 112.1
119 66.2 53.0 79.4





#61

Pentachloroethane

Concen: 11.097 ug/l

RT: 11.418 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion:117 Resp: 47510

Ion Ratio Lower Upper

117 100

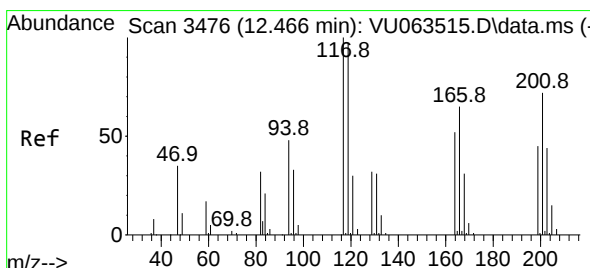
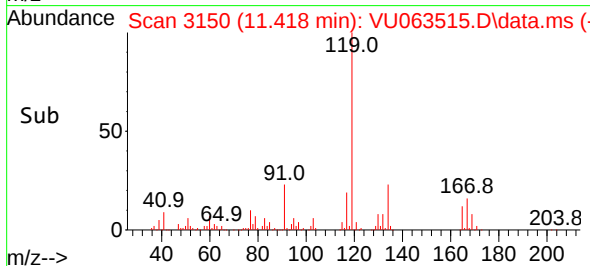
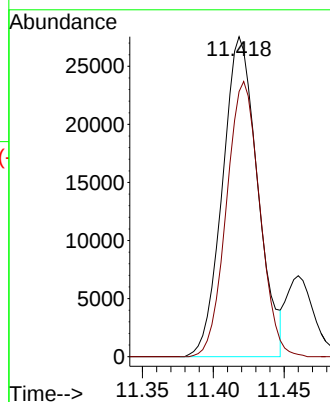
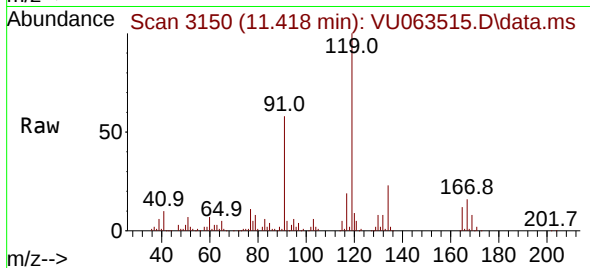
167 81.3 65.0 97.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#62

Hexachloroethane

Concen: 11.561 ug/l

RT: 12.466 min Scan# 3476

Delta R.T. 0.000 min

Lab File: VU063515.D

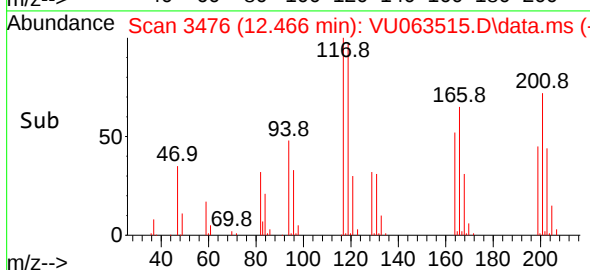
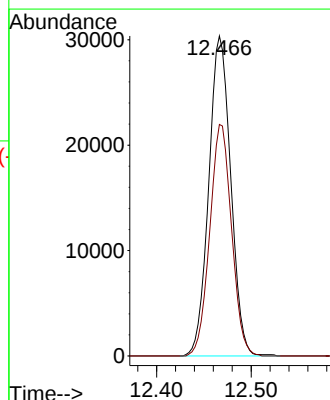
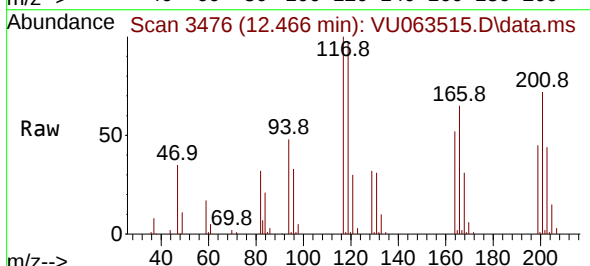
Acq: 16 Jul 2025 11:37

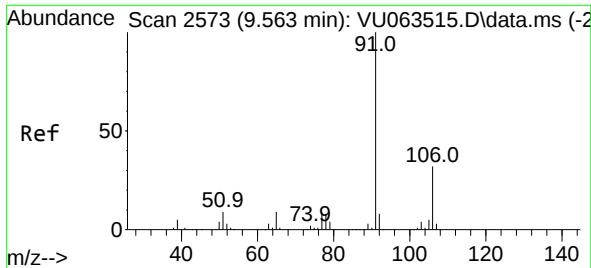
Tgt Ion:117 Resp: 49020

Ion Ratio Lower Upper

117 100

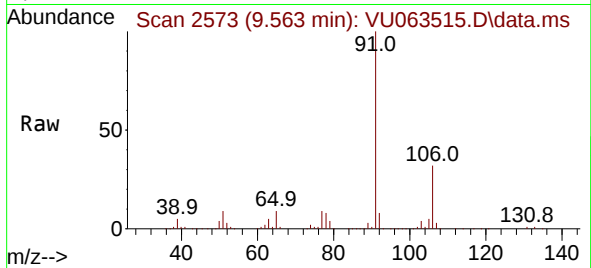
201 71.7 57.4 86.0





#63
Ethyl Benzene
Concen: 10.340 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

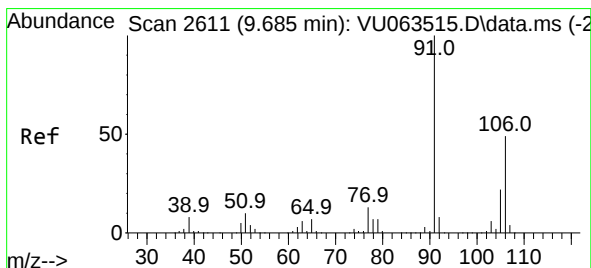
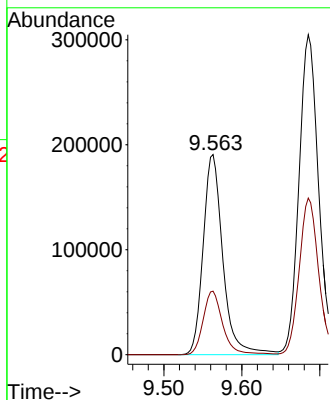
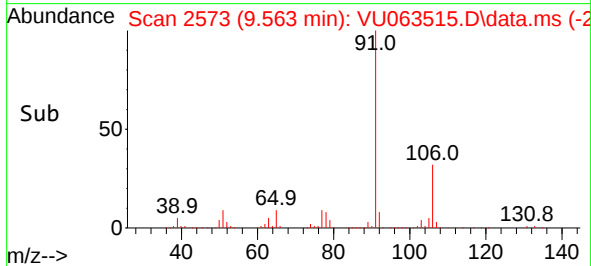
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



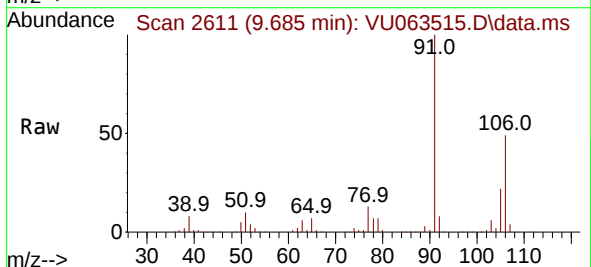
Tgt Ion: 91 Resp: 335269
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0

Manual Integrations
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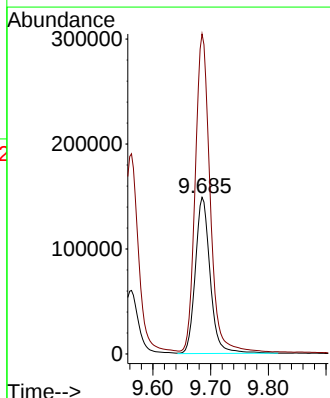
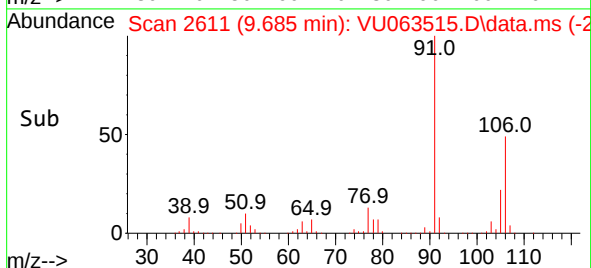
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

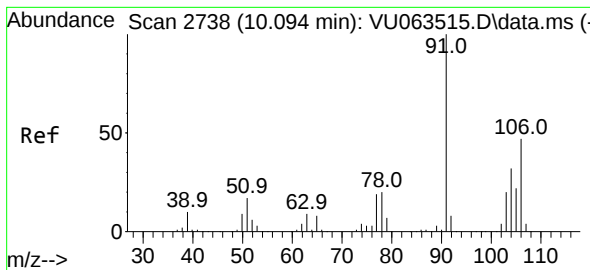


#64
m/p-Xylenes
Concen: 21.007 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37



Tgt Ion:106 Resp: 264769
Ion Ratio Lower Upper
106 100
91 204.5 163.6 245.4





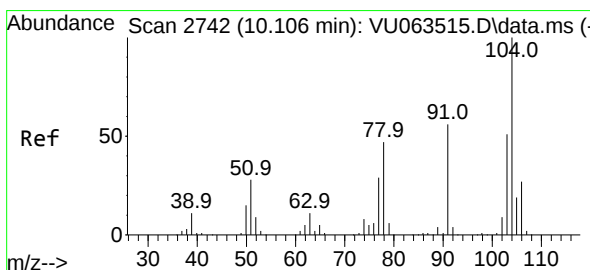
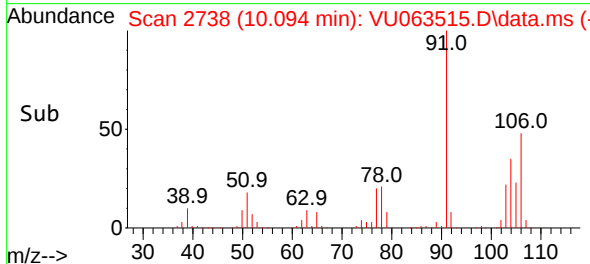
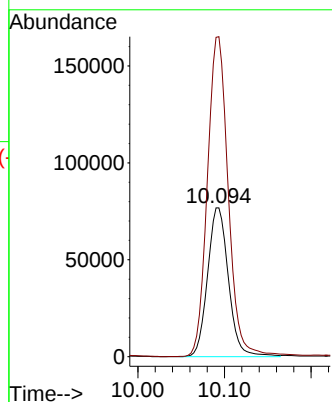
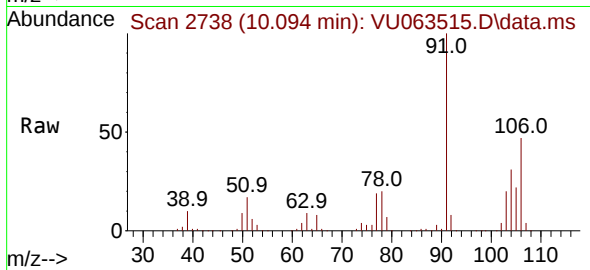
#65
o-Xylene
Concen: 10.621 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:106 Resp: 128634
Ion Ratio Lower Upper
106 100
91 216.3 108.1 324.4

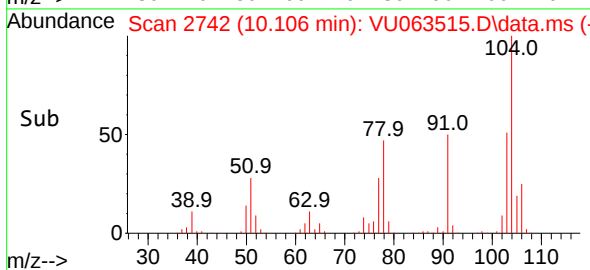
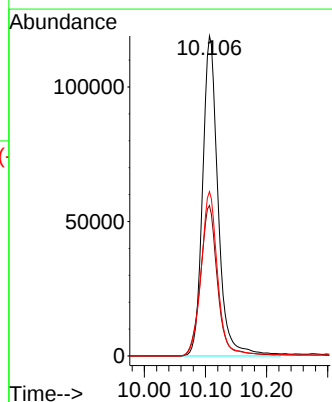
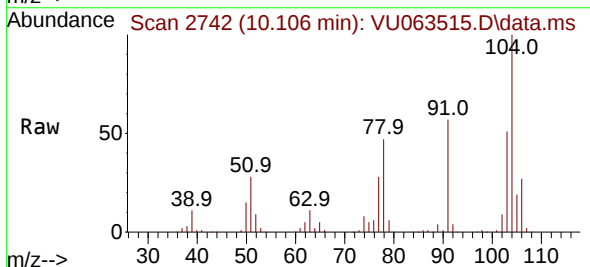
Manual Integrations
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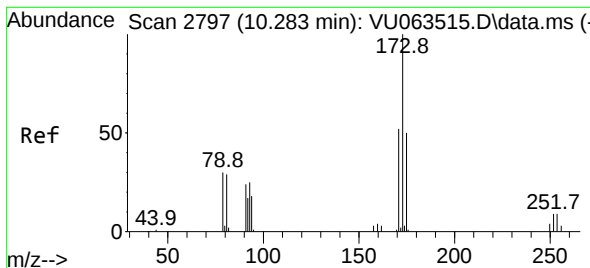
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#66
Styrene
Concen: 10.873 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion:104 Resp: 209876
Ion Ratio Lower Upper
104 100
78 51.6 41.3 61.9
103 54.5 43.6 65.4





#67

Bromoform

Concen: 11.325 ug/l

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

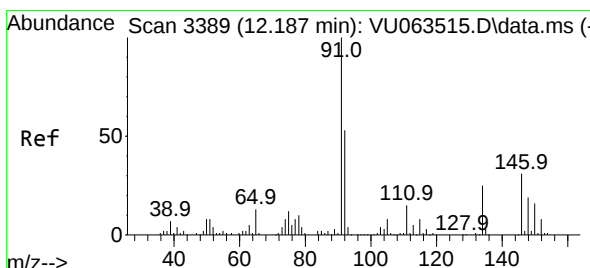
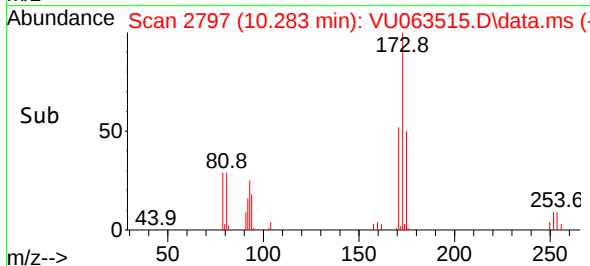
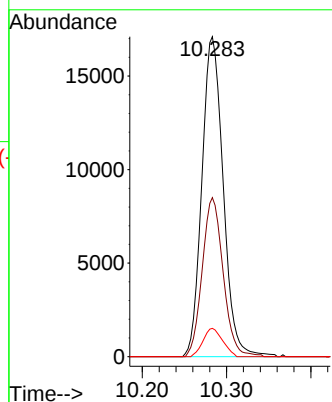
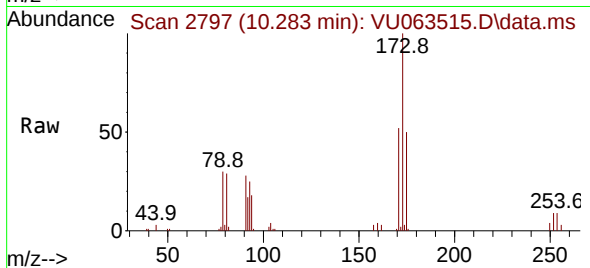
VSTDICCC010

Tgt Ion:	173	Resp:	30149
Ion Ratio	Lower	Upper	
173	100		
175	48.7	39.0	58.4
254	8.1	6.5	9.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#68

1,2-Dichlorobenzene-d4

Concen: 1.024 ug/l

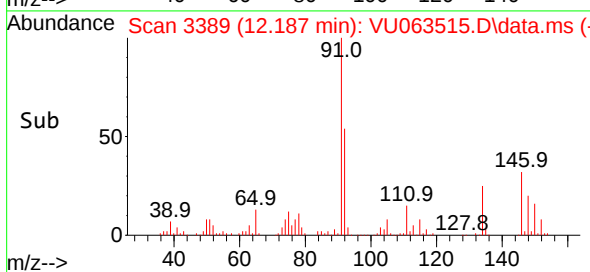
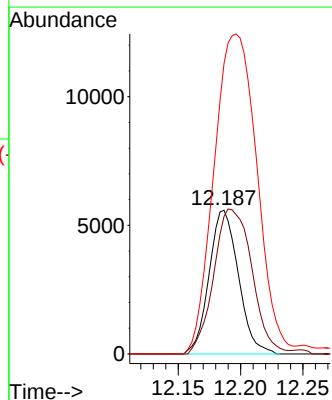
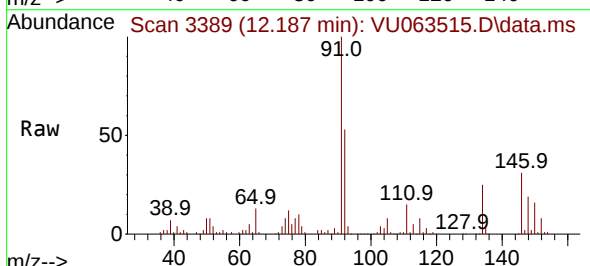
RT: 12.187 min Scan# 3389

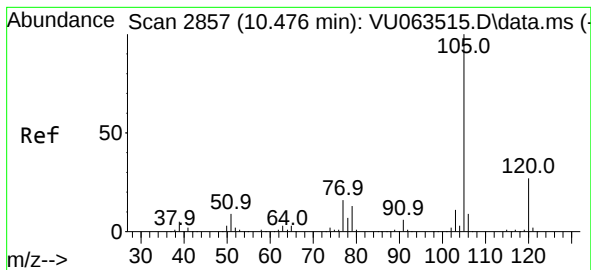
Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Tgt Ion:	152	Resp:	9149
Ion Ratio	Lower	Upper	
152	100		
115	131.1	0.0	262.2
150	325.6	0.0	651.2





#69

Isopropylbenzene

Concen: 10.718 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 313810

Ion Ratio Lower Upper

105 100

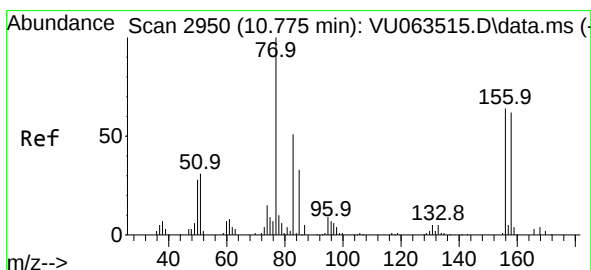
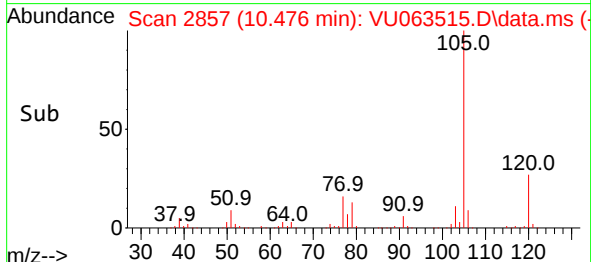
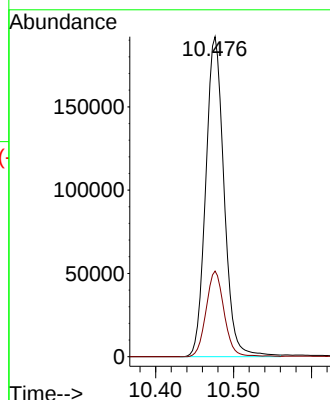
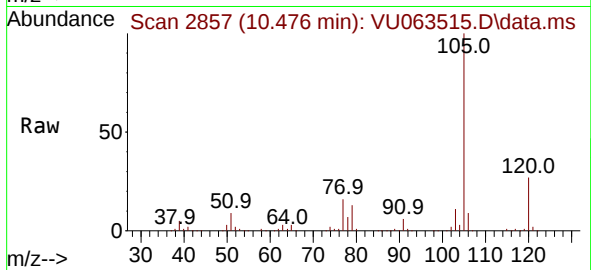
120 26.3 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 10.373 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

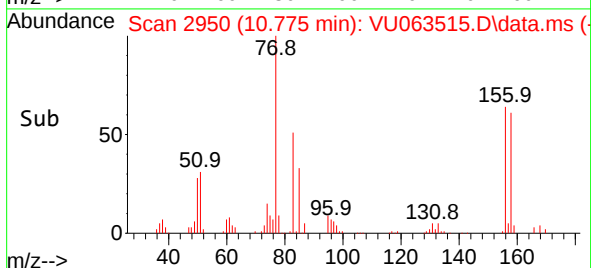
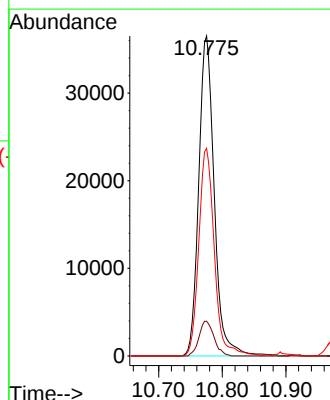
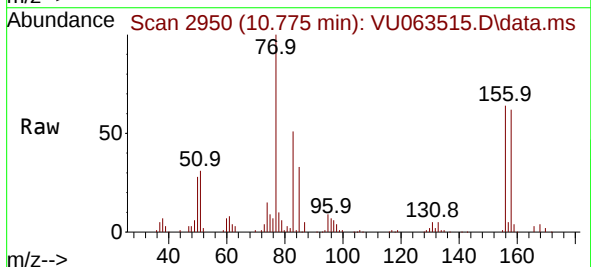
Tgt Ion: 83 Resp: 61909

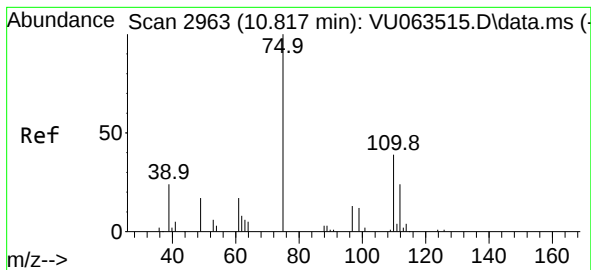
Ion Ratio Lower Upper

83 100

131 10.5 8.4 12.6

85 64.9 51.9 77.9





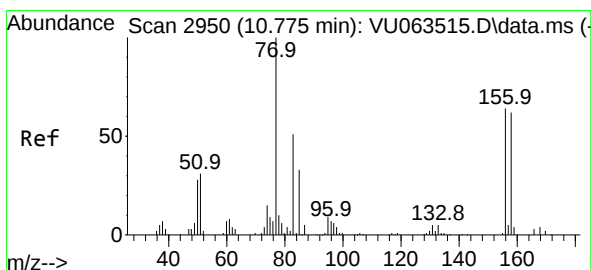
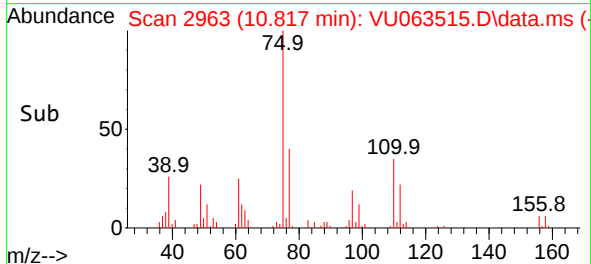
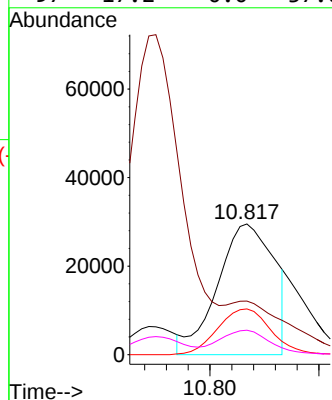
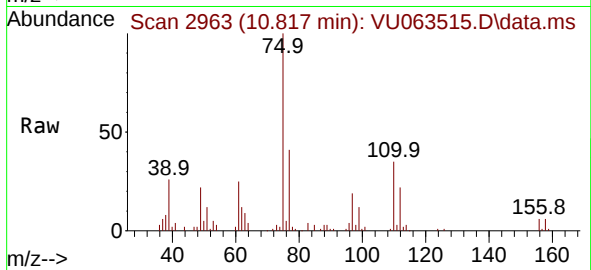
#71
1,2,3-Trichloropropane
Concen: 10.893 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 75	Resp: 5305
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0
110 33.5	0.0 73.2
97 17.2	0.0 37.6

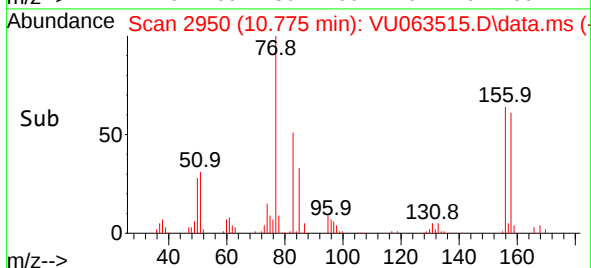
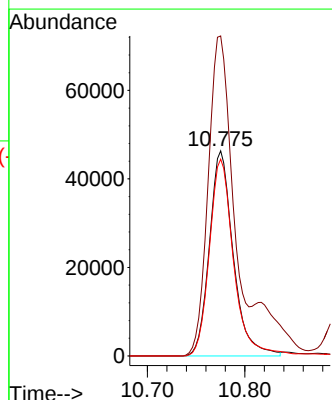
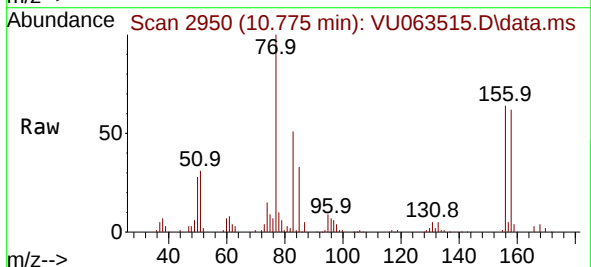
Manual Integrations
APPROVED

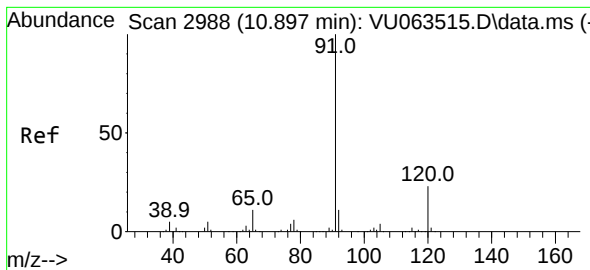
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#72
Bromobenzene
Concen: 10.441 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion:156	Resp: 78897
Ion Ratio	Lower Upper
156 100	
77 157.6	0.0 315.2
158 97.7	0.0 195.4





#73

n-propylbenzene

Concen: 10.853 ug/l

RT: 10.897 min Scan# 2988

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion:120 Resp: 95650

Ion Ratio Lower Upper

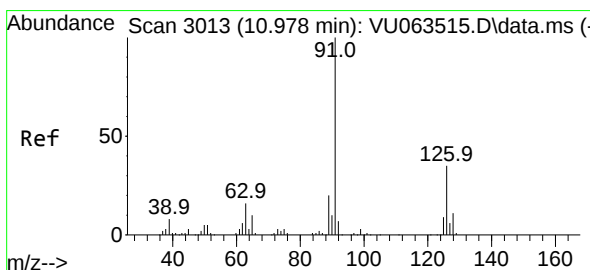
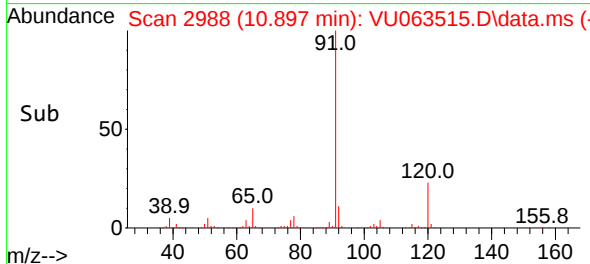
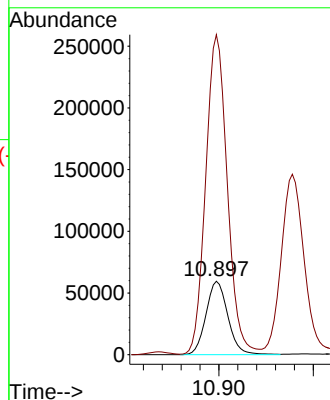
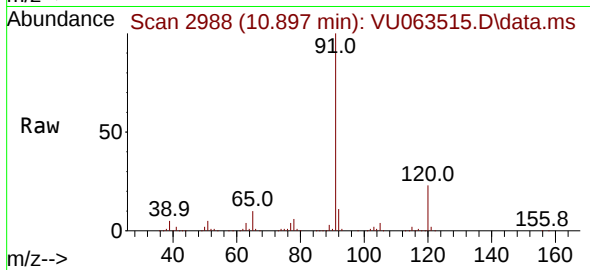
120 100

91 428.9 343.1 514.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#74

2-Chlorotoluene

Concen: 10.540 ug/l

RT: 10.978 min Scan# 3013

Delta R.T. 0.000 min

Lab File: VU063515.D

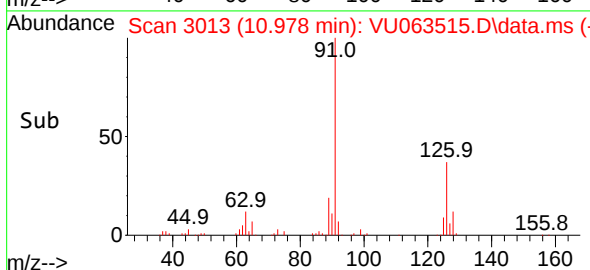
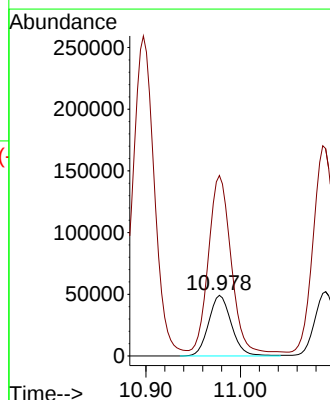
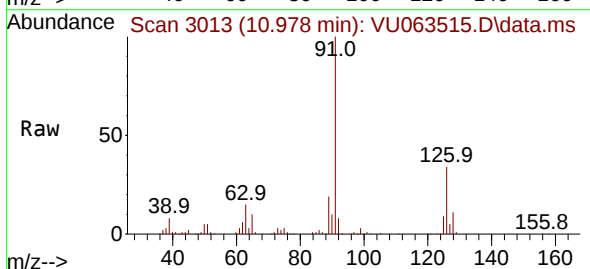
Acq: 16 Jul 2025 11:37

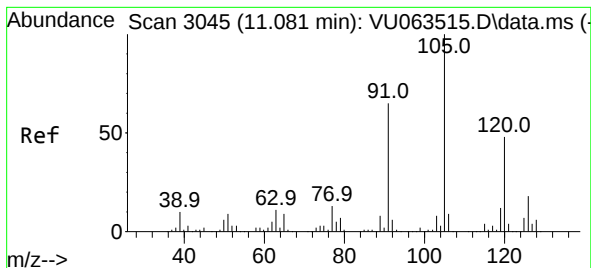
Tgt Ion:126 Resp: 82104

Ion Ratio Lower Upper

126 100

91 303.0 0.0 606.0





#75

1,3,5-Trimethylbenzene

Concen: 10.778 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 301469

Ion Ratio Lower Upper

105 100

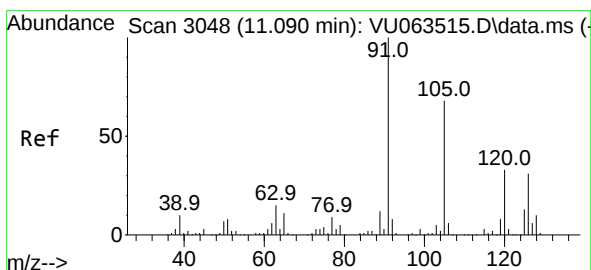
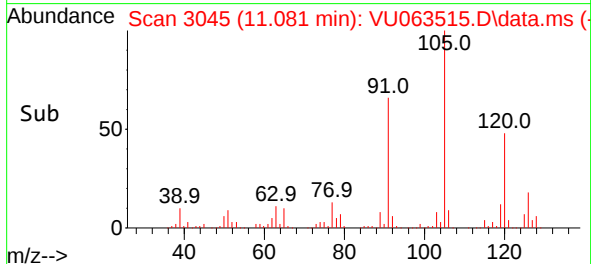
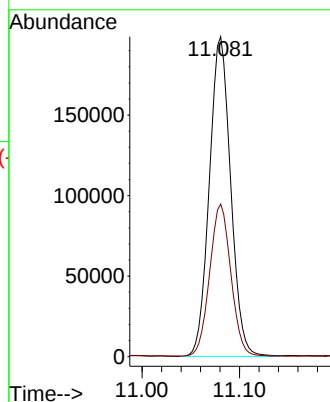
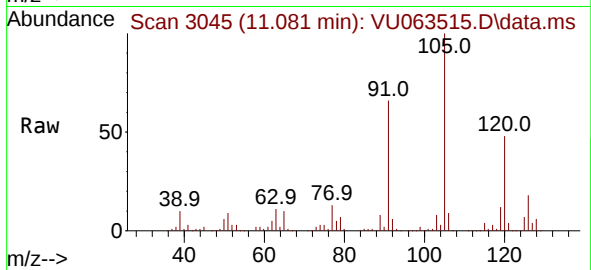
120 47.3 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#76

4-Chlorotoluene

Concen: 10.636 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VU063515.D

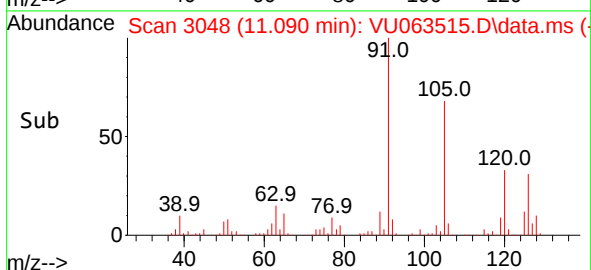
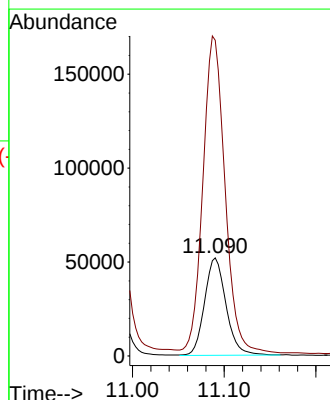
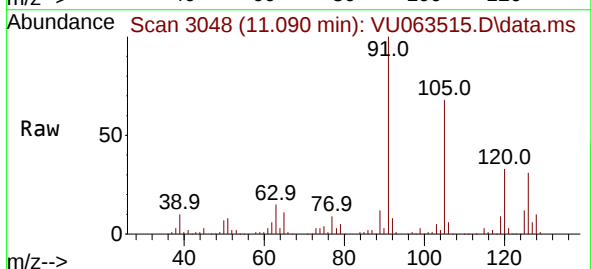
Acq: 16 Jul 2025 11:37

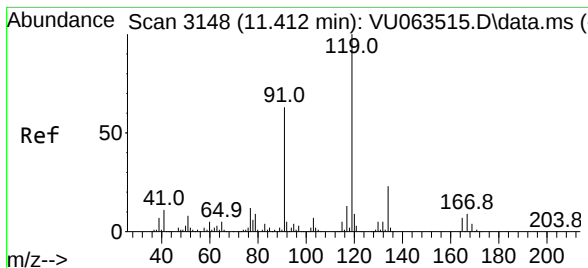
Tgt Ion:126 Resp: 84140

Ion Ratio Lower Upper

126 100

91 341.1 0.0 682.2





#77

tert-Butylbenzene

Concen: 10.714 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion:119 Resp: 28640

Ion Ratio Lower Upper

119 100

91 61.4 30.7 92.1

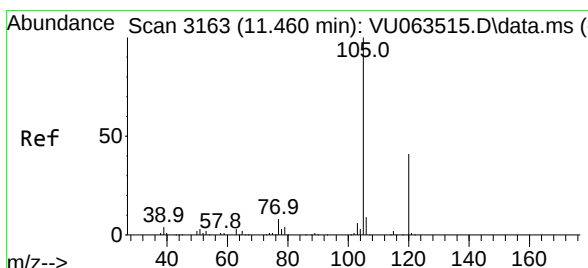
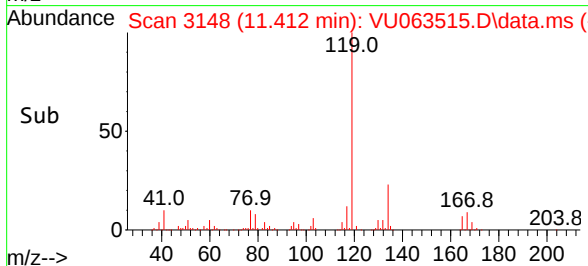
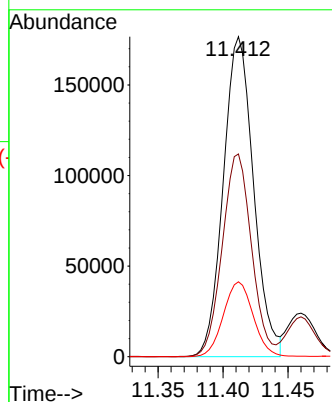
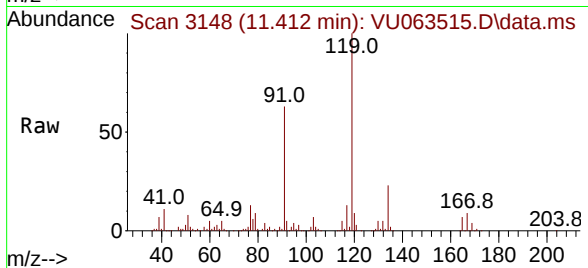
134 23.1 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#78

1,2,4-Trimethylbenzene

Concen: 10.824 ug/l

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU063515.D

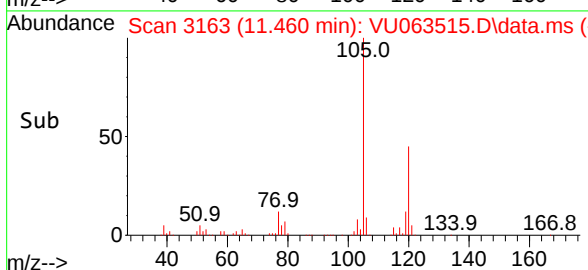
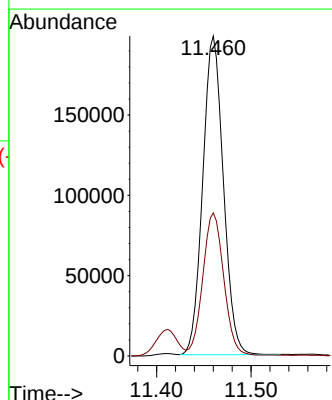
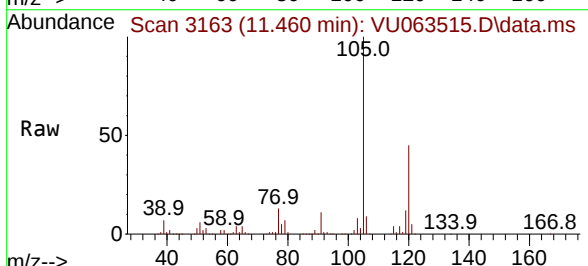
Acq: 16 Jul 2025 11:37

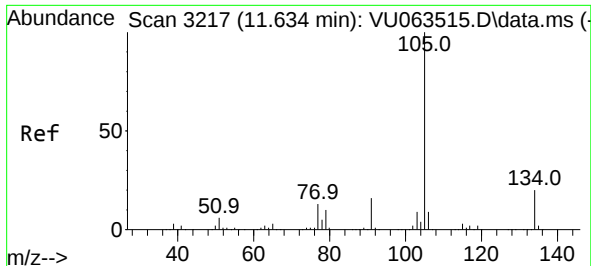
Tgt Ion:105 Resp: 300364

Ion Ratio Lower Upper

105 100

120 45.3 22.7 68.0





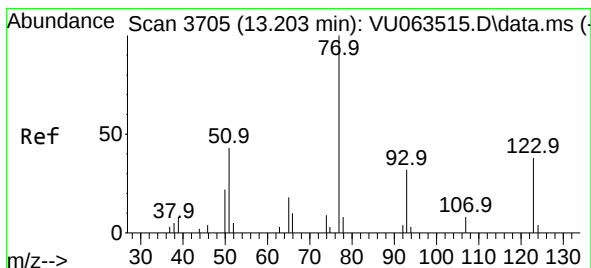
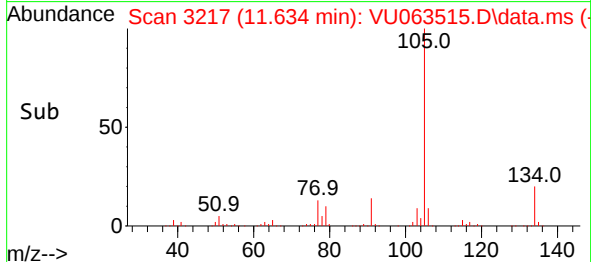
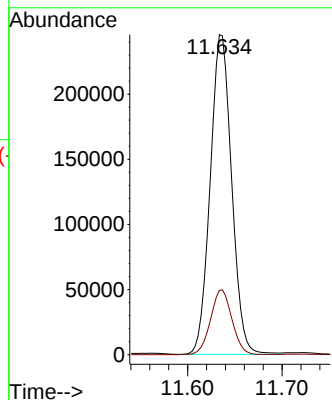
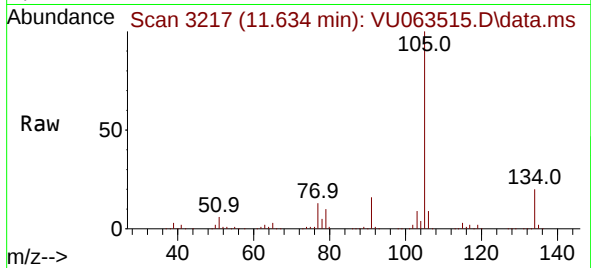
#79
 sec-Butylbenzene
 Concen: 10.724 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. 0.000 min
 Lab File: VU063515.D
 Acq: 16 Jul 2025 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion:105 Resp: 38657
 Ion Ratio Lower Upper
 105 100
 134 20.3 16.2 24.4

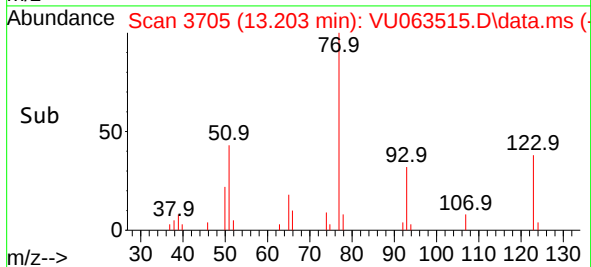
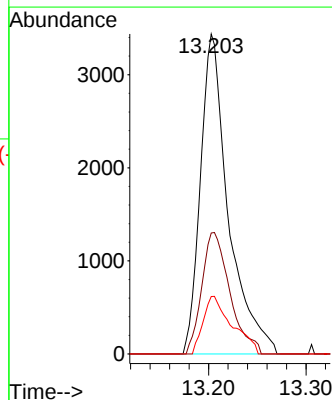
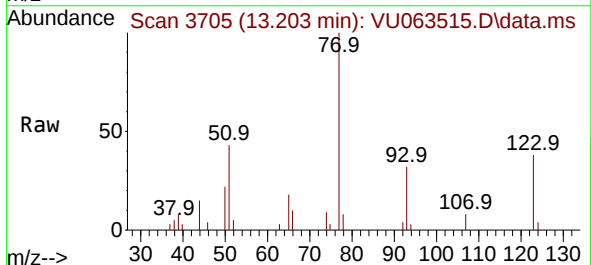
Manual Integrations
 APPROVED

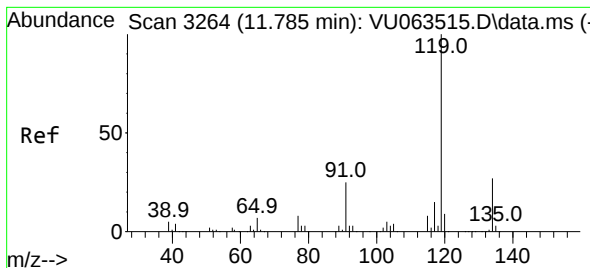
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#80
 Nitrobenzene
 Concen: 50.800 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.000 min
 Lab File: VU063515.D
 Acq: 16 Jul 2025 11:37

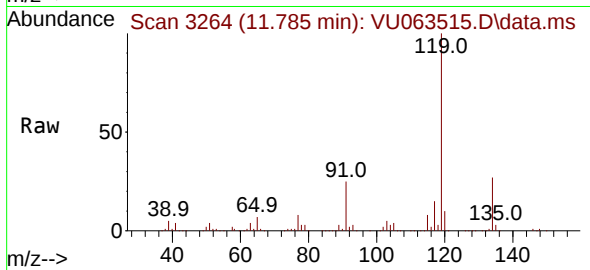
Tgt Ion: 77 Resp: 6826
 Ion Ratio Lower Upper
 77 100
 123 38.3 16.9 59.7
 65 18.7 16.5 20.9





#81
p-Isopropyltoluene
Concen: 10.808 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

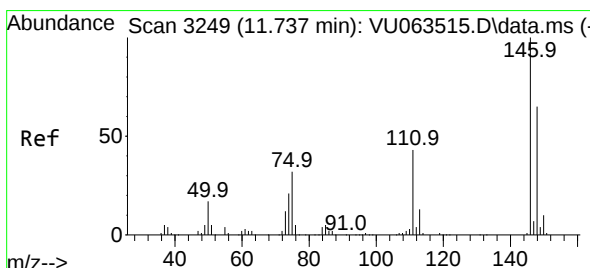
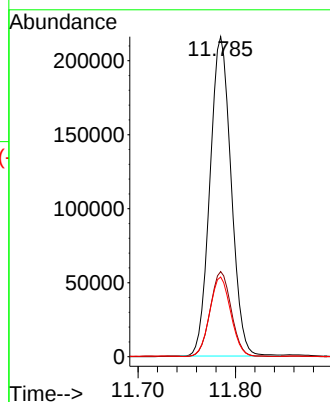
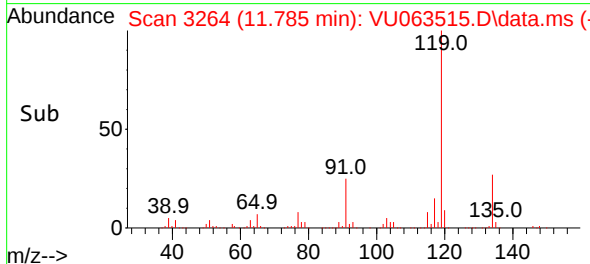
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



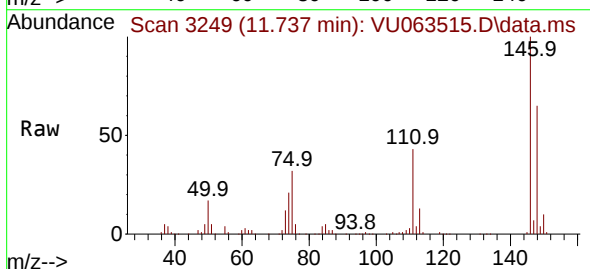
Tgt Ion:119 Resp: 325219
Ion Ratio Lower Upper
119 100
134 26.4 21.1 31.7
91 24.8 19.8 29.8

Manual Integrations
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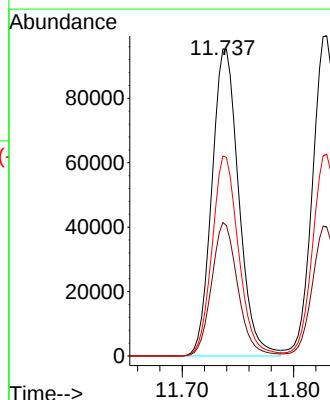
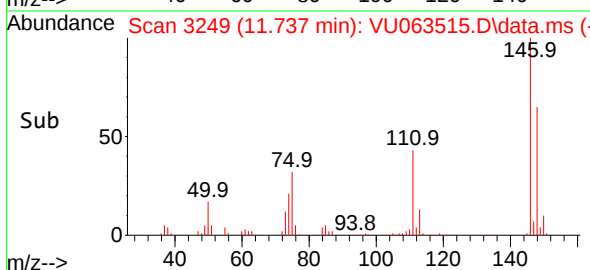
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

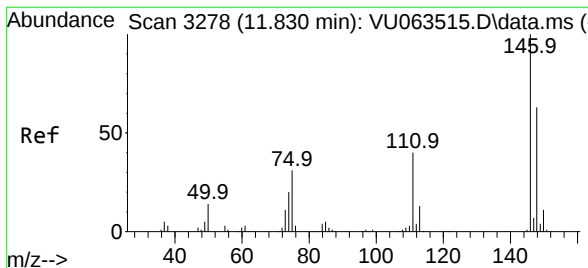


#82
1,3-Dichlorobenzene
Concen: 10.603 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37



Tgt Ion:146 Resp: 160312
Ion Ratio Lower Upper
146 100
111 42.2 33.8 50.6
148 64.4 51.5 77.3





#83

1,4-Dichlorobenzene

Concen: 10.702 ug/l

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion:146 Resp: 16196

Ion Ratio Lower Upper

146 100

111 40.0 32.0 48.0

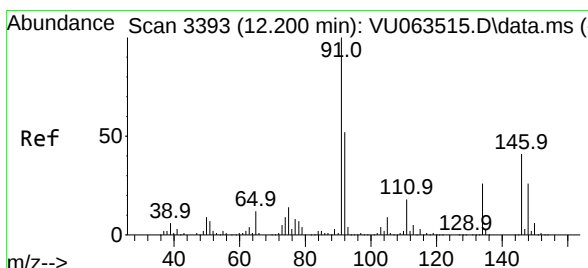
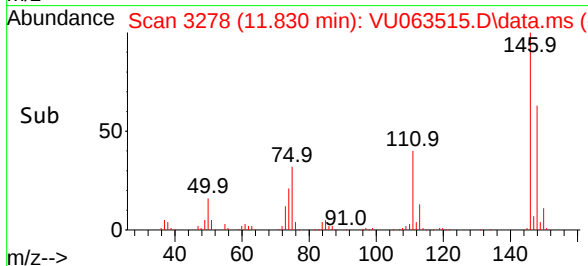
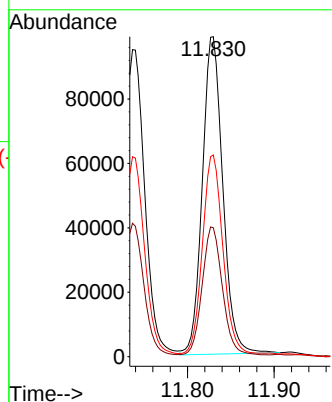
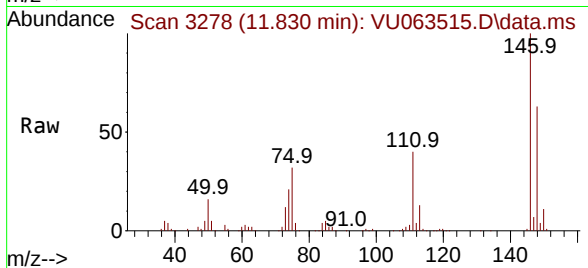
148 62.7 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#84

n-Butylbenzene

Concen: 11.063 ug/l

RT: 12.200 min Scan# 3393

Delta R.T. -0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

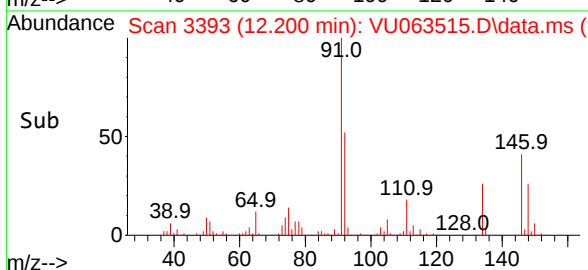
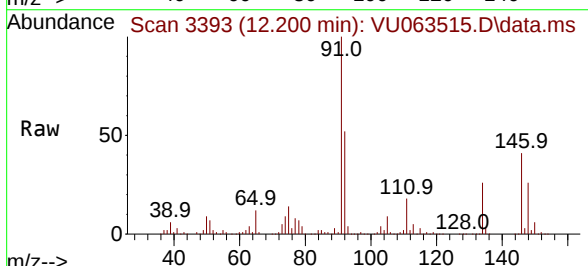
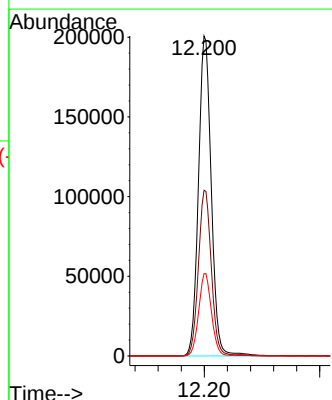
Tgt Ion: 91 Resp: 308761

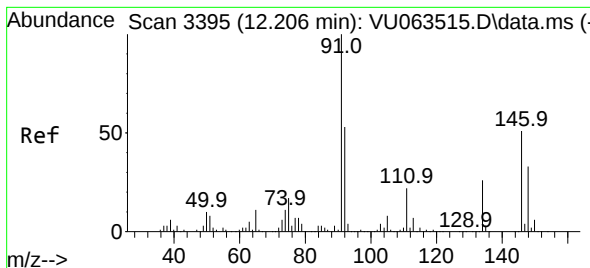
Ion Ratio Lower Upper

91 100

92 51.9 41.5 62.3

134 25.7 20.6 30.8





#85

1,2-Dichlorobenzene

Concen: 10.716 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

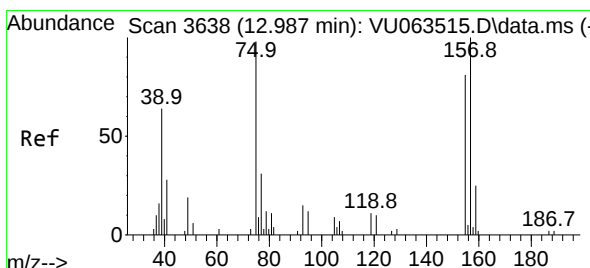
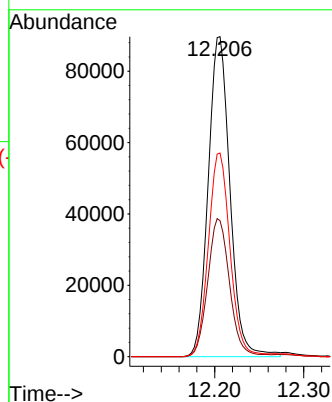
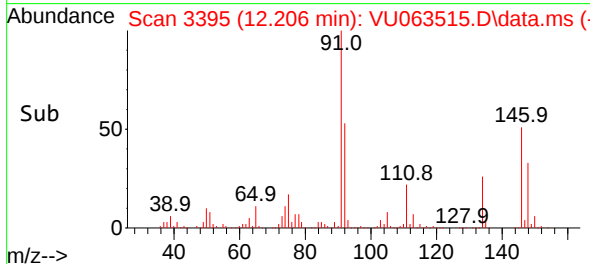
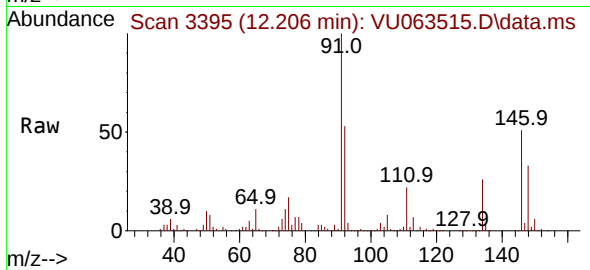
Tgt Ion:146 Resp: 152208

Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.7	65.1
148	63.5	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#86

1,2-Dibromo-3-Chloropropane

Concen: 10.093 ug/l

RT: 12.987 min Scan# 3638

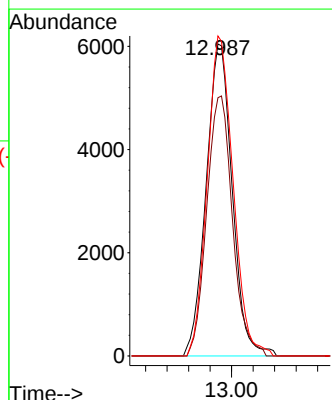
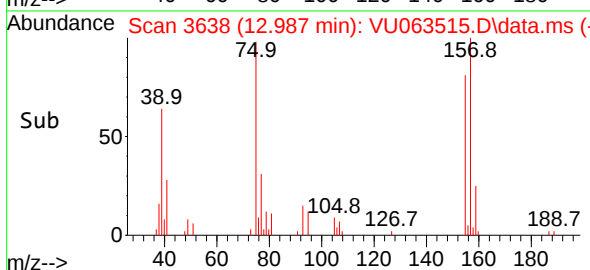
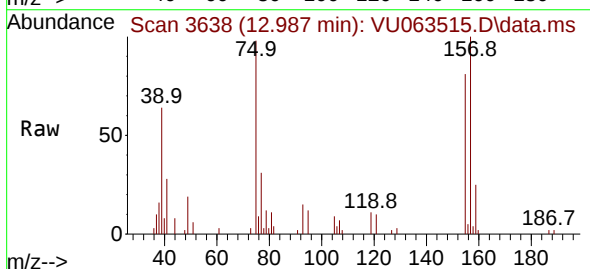
Delta R.T. 0.000 min

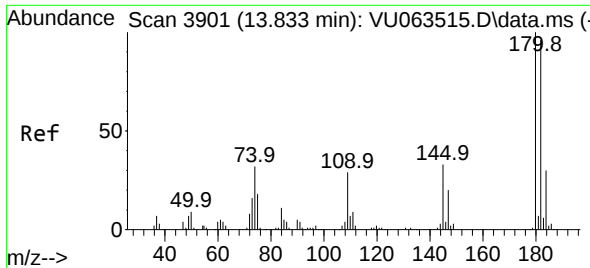
Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Tgt Ion: 75 Resp: 10205

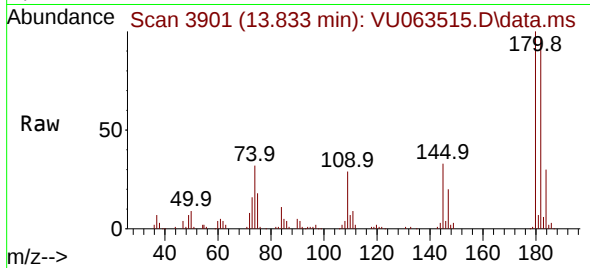
Ion	Ratio	Lower	Upper
75	100		
155	82.2	65.8	98.6
157	101.8	81.4	122.2





#87
1,2,4-Trichlorobenzene
Concen: 11.107 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

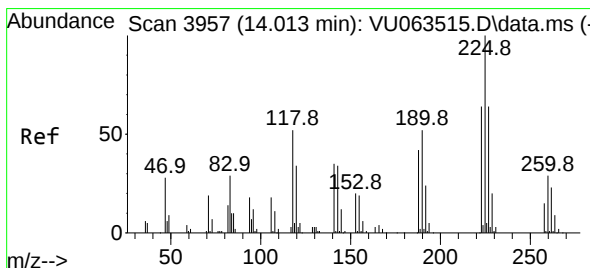
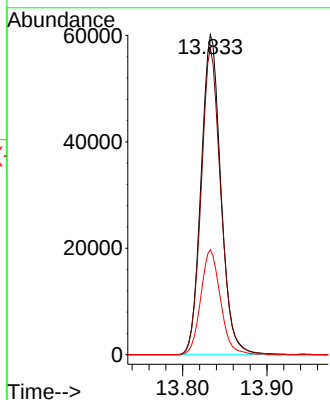
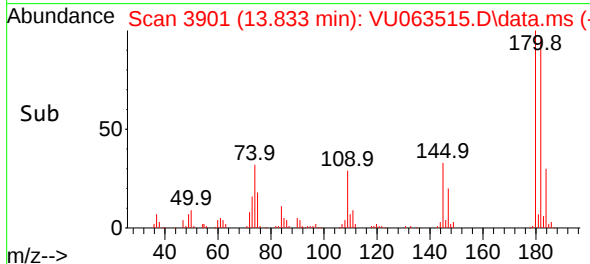
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



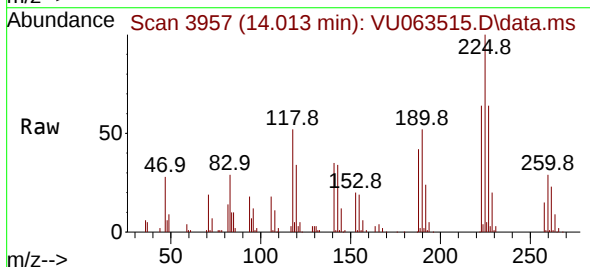
Tgt Ion:180 Resp: 9810
Ion Ratio Lower Upper
180 100
182 95.3 76.2 114.4
145 32.7 26.2 39.2

Manual Integrations
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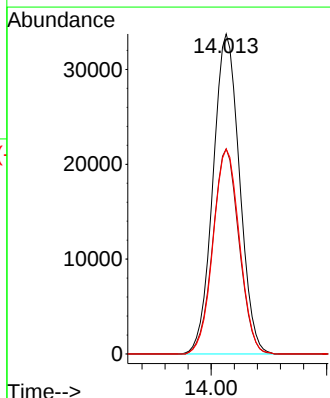
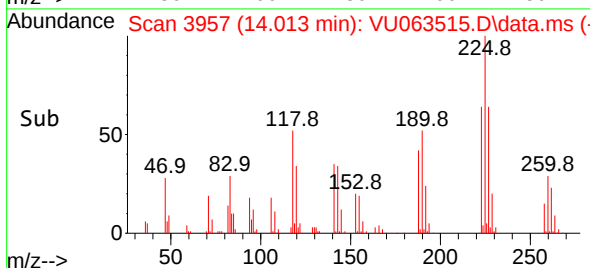
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

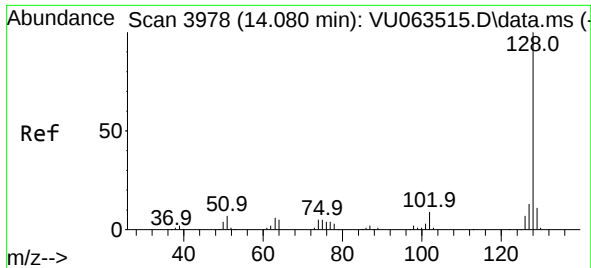


#88
Hexachlorobutadiene
Concen: 10.718 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37



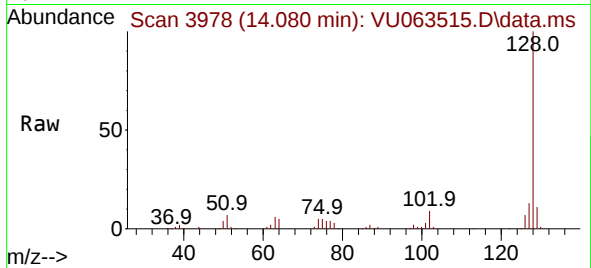
Tgt Ion:225 Resp: 53764
Ion Ratio Lower Upper
225 100
223 63.5 50.8 76.2
227 63.8 51.0 76.6





#89
Naphthalene
Concen: 10.937 ug/l
RT: 14.080 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

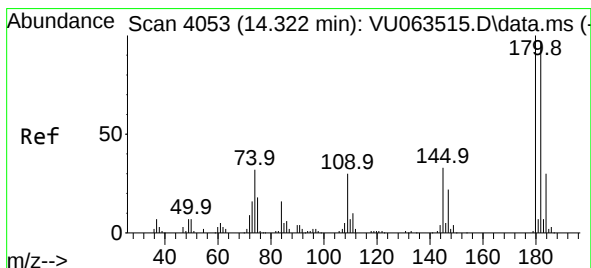
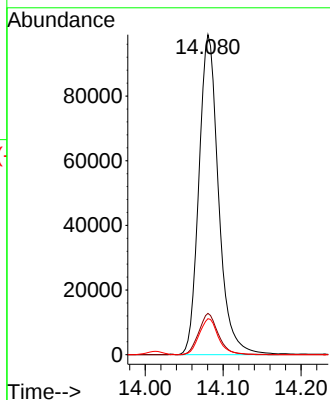
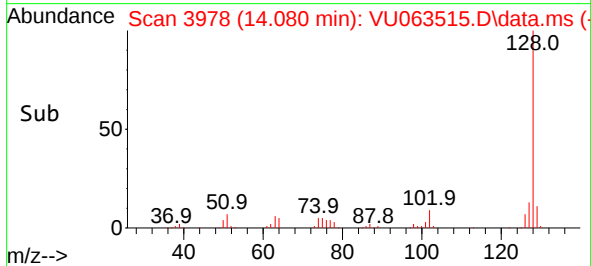
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



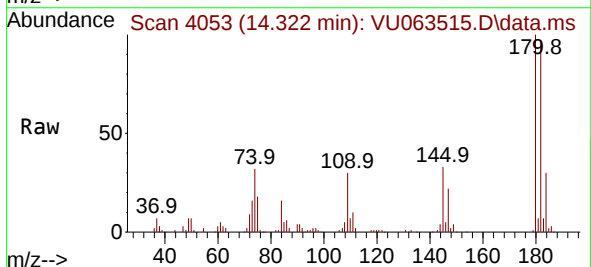
Tgt Ion:128 Resp: 173115
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#90
1,2,3-Trichlorobenzene
Concen: 11.015 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37



Tgt Ion:180 Resp: 89908
Ion Ratio Lower Upper
180 100
182 97.5 78.0 117.0
145 34.1 27.3 40.9

