

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071725\
 Data File : VU063519.D
 Acq On : 17 Jul 2025 09:25
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025

Quant Time: Jul 18 04:09:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:49:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.100	96	27500	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	10050	0.965	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.183	152	9321	0.968	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	78194	9.643	ug/l	99
3) Chloromethane	1.518	50	74637	9.902	ug/l	99
4) Vinyl Chloride	1.599	62	93296	9.718	ug/l	100
5) Bromomethane	1.840	94	66515	9.188	ug/l	99
6) Chloroethane	1.923	64	56651	9.774	ug/l	98
7) Trichlorofluoromethane	2.126	101	132982	9.648	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	71124	9.874	ug/l	99
9) 1,1-Dichloroethene	2.567	96	70211	9.834	ug/l	99
10) Iodomethane	2.708	142	96119	9.096	ug/l	99
11) Allyl Chloride	2.907	41	102152	9.904	ug/l	99
12) Acrylonitrile	3.303	53	34689	19.426	ug/l	99
13) Acetone	2.618	43	109552	76.573	ug/l	98
14) Carbon Disulfide	2.779	76	221309	9.597	ug/l	100
15) Methylene Chloride	3.030	84	78569	9.347	ug/l	99
16) trans-1,2-Dichloroethene	3.335	96	77415	9.547	ug/l	98
17) 1,1-Dichloroethane	3.849	63	147481	9.813	ug/l	98
18) 2-Butanone	4.708	43	137001	61.835	ug/l	100
19) Cyclohexane	5.364	56	120216	9.447	ug/l	97
20) Methylcyclohexane	6.740	83	128329	10.376	ug/l	97
21) 2,2-Dichloropropane	4.647	77	125291	9.790	ug/l	99
22) cis-1,2-Dichloroethene	4.647	96	85795	9.751	ug/l	99
23) Diethyl Ether	2.367	59	54743	10.062	ug/l	99
24) tert-Butyl Alcohol	3.184	59	63328	96.429	ug/l	100
25) Methyl tert-Butyl Ether	3.357	73	187363	10.052	ug/l	100
26) Bromochloromethane	4.955	128	37081	10.094	ug/l	98
27) Chloroform	5.071	83	149276	9.734	ug/l	100
28) 1,1,1-Trichloroethane	5.296	97	128095	9.841	ug/l	99
29) 1,1-Dichloropropene	5.505	75	116999	9.703	ug/l	98
30) Carbon Tetrachloride	5.502	117	106784	10.193	ug/l	96
31) Isopropyl Ether	3.991	45	221350	9.757	ug/l	98
32) Ethyl-t-butyl ether	4.502	59	204582	9.745	ug/l	98
33) Tert-Amyl methyl ether	5.939	73	181869	9.982	ug/l	100
34) Propionitrile	4.772	54	31784	47.084	ug/l #	94
35) Benzene	5.756	78	326804	10.088	ug/l	98
36) 1,2-Dichloroethane	5.782	62	101239	10.057	ug/l	99
37) Trichloroethene	6.525	130	87532	10.590	ug/l	97
38) 1,2-Dichloropropane	6.779	63	84731	11.175	ug/l	100
39) Methacrylonitrile	4.968	41	27645	9.213	ug/l	99
40) Methyl acrylate	4.846	55	40963	9.339	ug/l	96
41) Tetrahydrofuran	5.058	42	28312	17.936	ug/l	99
42) 1-Chlorobutane	5.438	56	159543	9.953	ug/l	100
43) Dibromomethane	6.904	93	39541	10.067	ug/l	95
44) Bromodichloromethane	7.094	83	89050	10.053	ug/l #	98

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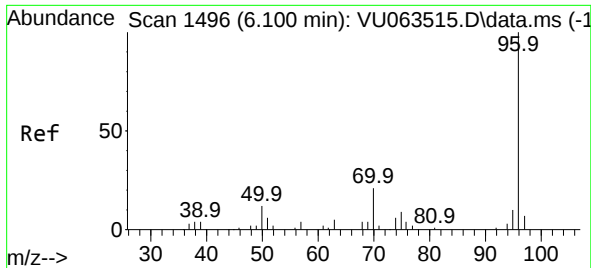
Manual Integrations
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 Supervised By :Semsettin Yesilyurt 07/21/2025

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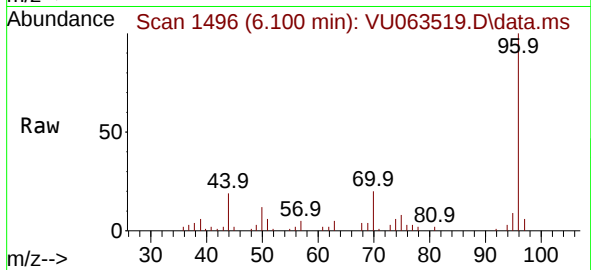
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	211583	52.266	ug/l	100
46) t-1,4-Dichloro-2-butene	10.823	75	28706m	18.890	ug/l	
47) Methyl methacrylate	6.962	69	68946	20.900	ug/l	97
48) Ethyl methacrylate	8.332	69	68373	10.861	ug/l	98
49) Toluene	7.959	92	179669	10.158	ug/l	99
50) t-1,3-Dichloropropene	8.203	75	76515	11.010	ug/l	99
51) cis-1,3-Dichloropropene	7.598	75	98787	10.590	ug/l	99
52) 1,1,2-Trichloroethane	8.393	97	54808	10.365	ug/l	97
53) 1,3-Dichloropropane	8.566	76	91688	10.044	ug/l	99
54) 2-Hexanone	8.685	43	162869	60.570	ug/l	100
55) Dibromochloromethane	8.801	129	62870	11.250	ug/l	100
56) 1,2-Dibromoethane	8.917	107	48870	10.326	ug/l	99
58) Tetrachloroethene	8.541	164	73468	9.712	ug/l	99
59) Chlorobenzene	9.438	112	208332	10.255	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.524	131	67746	10.370	ug/l	99
61) Pentachloroethane	11.418	117	49738	10.774	ug/l	100
62) Hexachloroethane	12.466	117	50359	11.016	ug/l	100
63) Ethyl Benzene	9.563	91	354702	10.146	ug/l	100
64) m/p-Xylenes	9.685	106	280366	20.632	ug/l	99
65) o-Xylene	10.090	106	137219	10.509	ug/l	99
66) Styrene	10.106	104	224585	10.792	ug/l	100
67) Bromoform	10.283	173	31862	11.101	ug/l	99
69) Isopropylbenzene	10.476	105	331800	10.511	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	67383	10.472	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	53509m	10.239	ug/l	
72) Bromobenzene	10.775	156	85460	10.490	ug/l	98
73) n-propylbenzene	10.897	120	100342	10.559	ug/l	98
74) 2-Chlorotoluene	10.978	126	87826	10.457	ug/l	99
75) 1,3,5-Trimethylbenzene	11.081	105	319519	10.596	ug/l	99
76) 4-Chlorotoluene	11.090	126	91522	10.731	ug/l	96
77) tert-Butylbenzene	11.412	119	303113	10.518	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	319824	10.690	ug/l	100
79) sec-Butylbenzene	11.634	105	407802	10.493	ug/l	100
80) Nitrobenzene	13.203	77	6990	48.829	ug/l	98
81) p-Isopropyltoluene	11.785	119	347537	10.712	ug/l	99
82) 1,3-Dichlorobenzene	11.737	146	170997	10.490	ug/l	100
83) 1,4-Dichlorobenzene	11.830	146	171995	10.541	ug/l	99
84) n-Butylbenzene	12.200	91	331771	11.026	ug/l	100
85) 1,2-Dichlorobenzene	12.203	146	161014	10.514	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	11077	10.149	ug/l	96
87) 1,2,4-Trichlorobenzene	13.833	180	104878	11.013	ug/l	100
88) Hexachlorobutadiene	14.013	225	56592	10.464	ug/l	99
89) Naphthalene	14.081	128	188918	11.071	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	98222	11.161	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

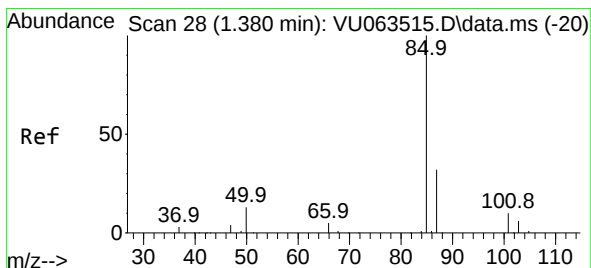
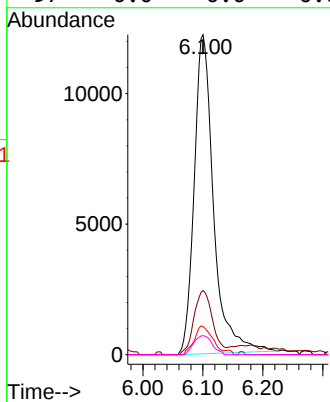
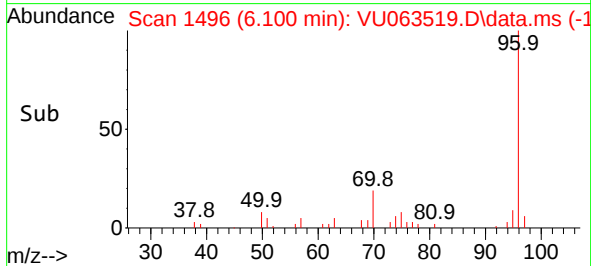
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 96 Resp: 27500
Ion Ratio Lower Upper
96 100
70 17.1 15.0 22.4
95 7.3 7.4 11.0
97 0.0 0.0 0.0

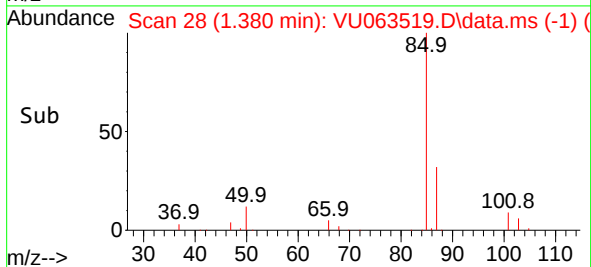
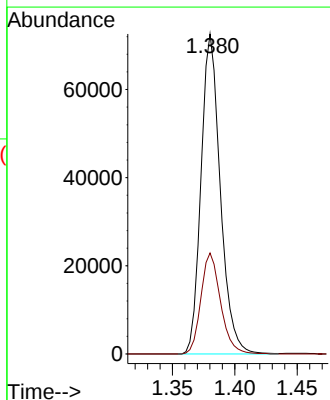
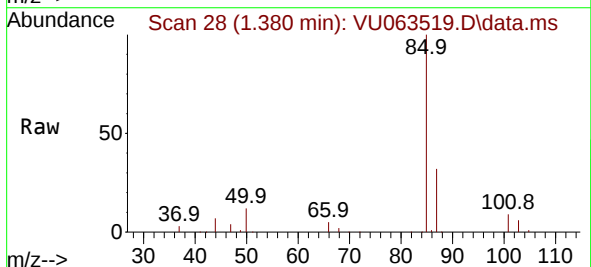
Manual Integrations
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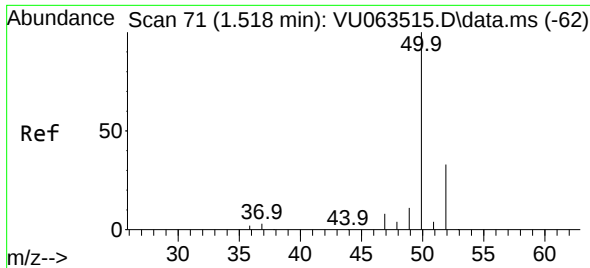
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#2
Dichlorodifluoromethane
Concen: 9.643 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

Tgt Ion: 85 Resp: 78194
Ion Ratio Lower Upper
85 100
87 31.5 16.0 47.9





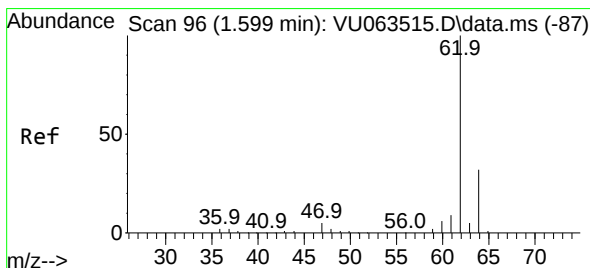
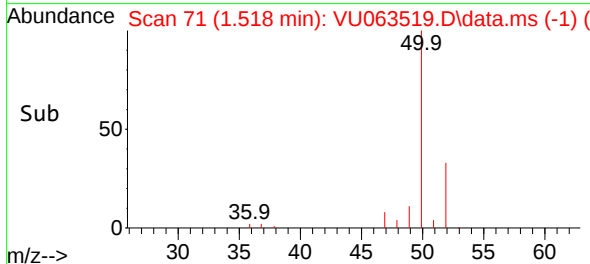
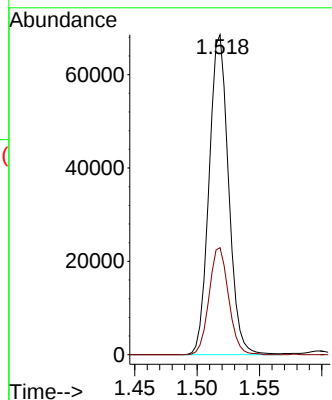
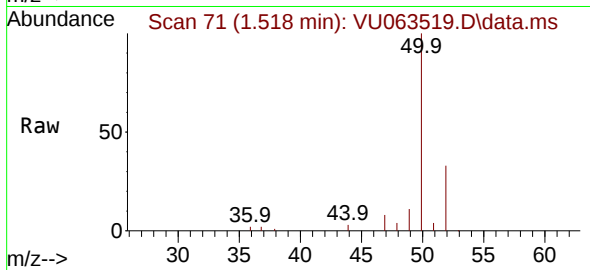
#3
Chloromethane
Concen: 9.902 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 50 Resp: 7463
Ion Ratio Lower Upper
50 100
52 33.4 26.3 39.5

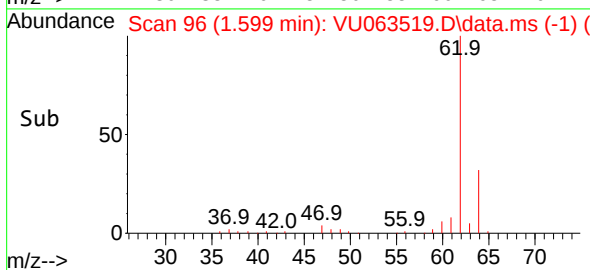
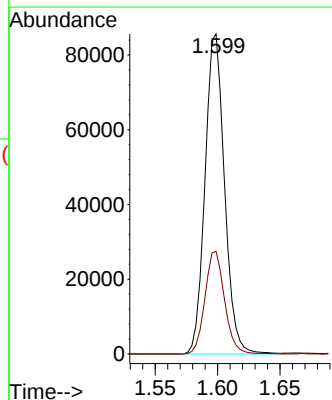
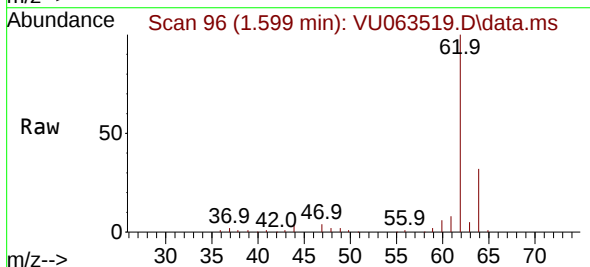
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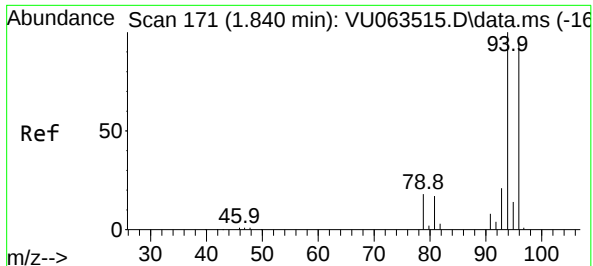
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#4
Vinyl Chloride
Concen: 9.718 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

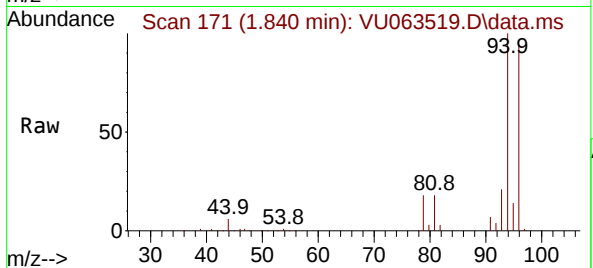
Tgt Ion: 62 Resp: 93296
Ion Ratio Lower Upper
62 100
64 32.1 25.7 38.5





#5
Bromomethane
Concen: 9.188 ug/l
RT: 1.840 min Scan# 171
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

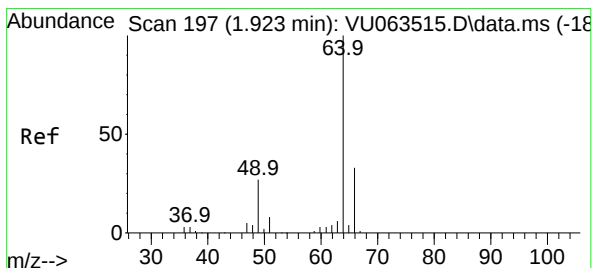
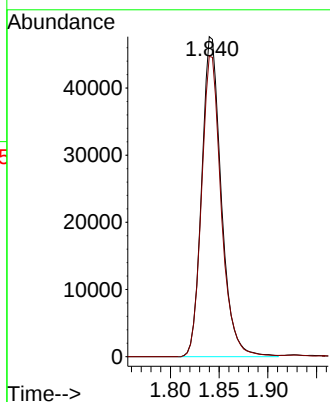
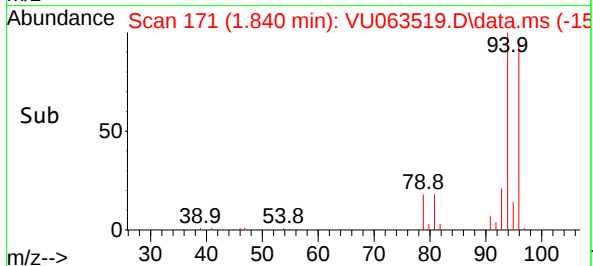
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 94 Resp: 6651
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.6

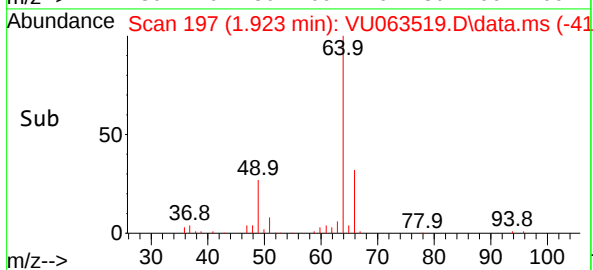
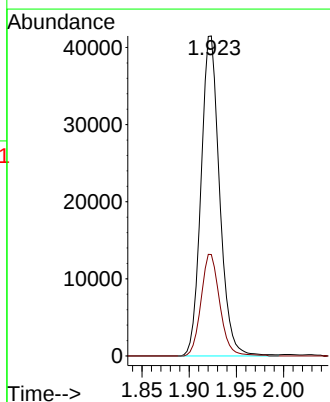
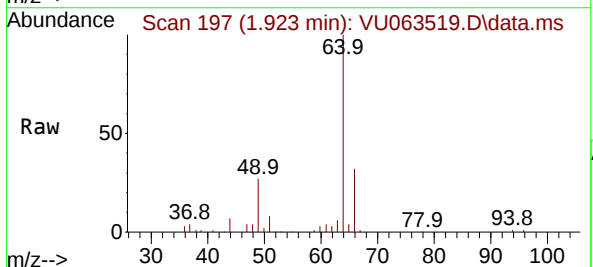
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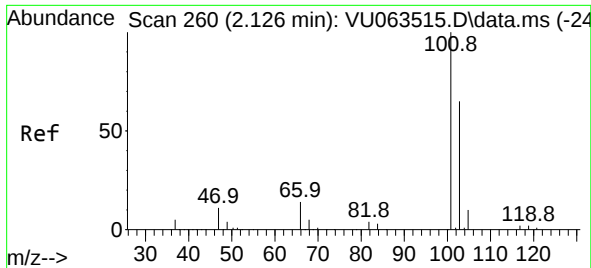
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#6
Chloroethane
Concen: 9.774 ug/l
RT: 1.923 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

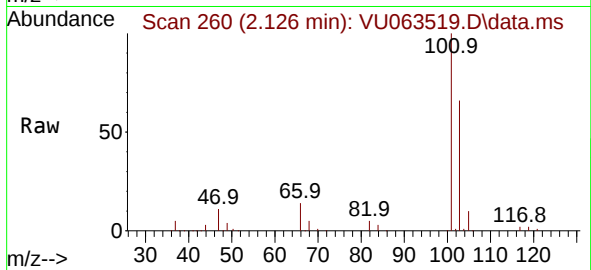
Tgt Ion: 64 Resp: 56651
Ion Ratio Lower Upper
64 100
66 31.7 26.2 39.4





#7
Trichlorofluoromethane
Concen: 9.648 ug/l
RT: 2.126 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

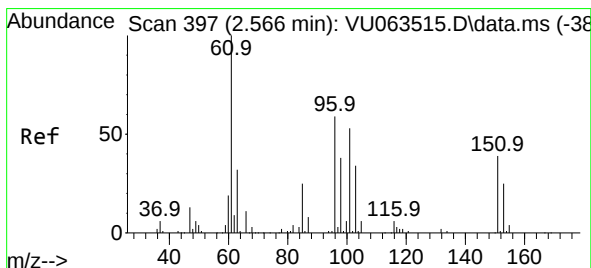
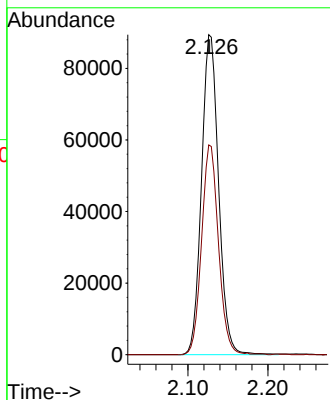
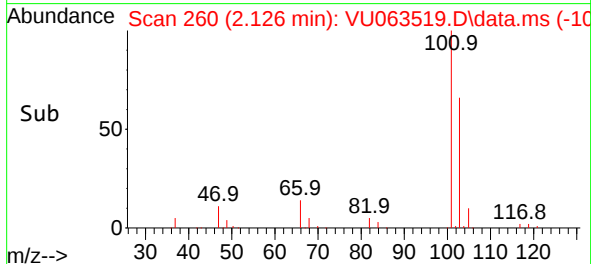
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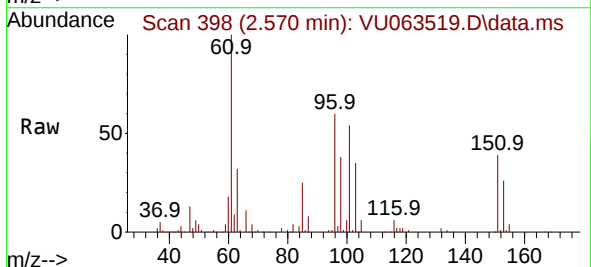
Tgt Ion:101 Resp: 13298
Ion Ratio Lower Upper
101 100
103 65.5 52.2 78.4

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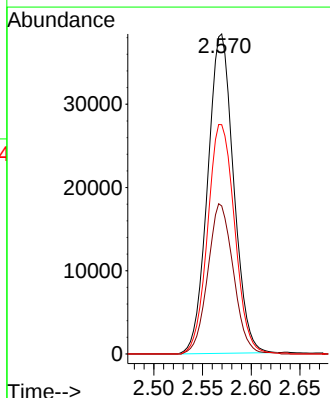
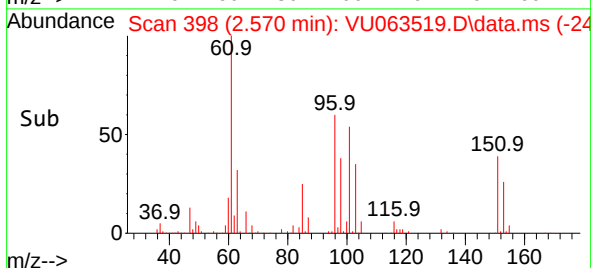
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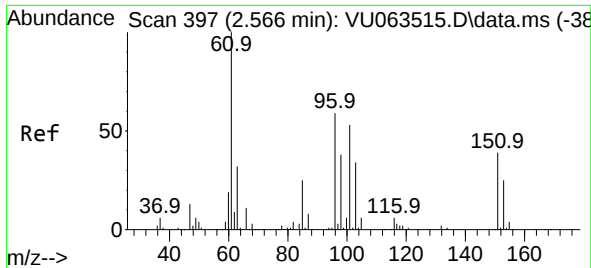


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.874 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.003 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25



Tgt Ion:101 Resp: 71124
Ion Ratio Lower Upper
101 100
85 46.4 37.8 56.6
151 74.9 59.2 88.8





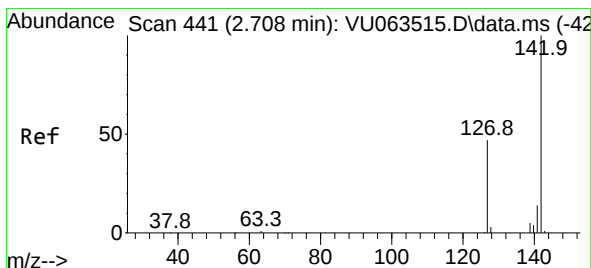
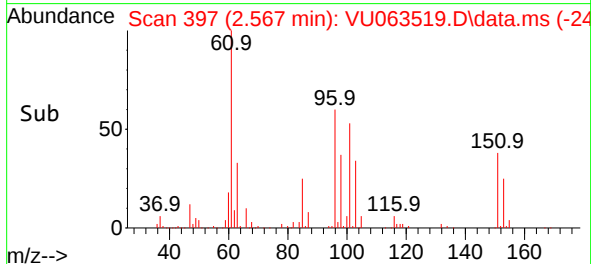
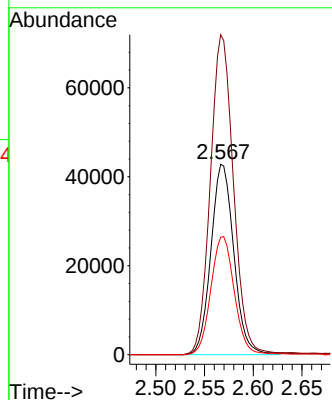
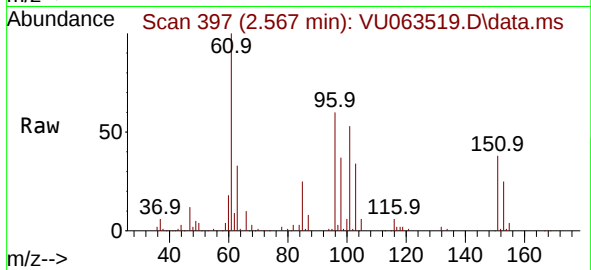
#9
1,1-Dichloroethene
Concen: 9.834 ug/l
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

Instrument :
MSVOA_U
Client Sample Id :
VSTDCCC010

Tgt Ion: 96 Resp: 7021
Ion Ratio Lower Upper
96 100
61 168.0 0.0 504.3
98 61.7 0.0 126.8

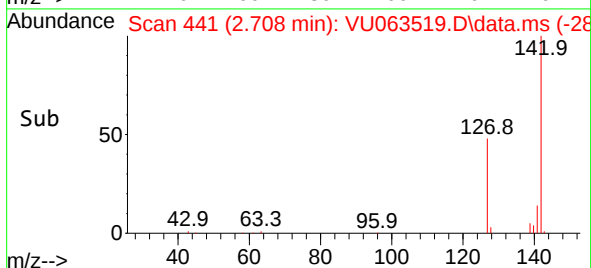
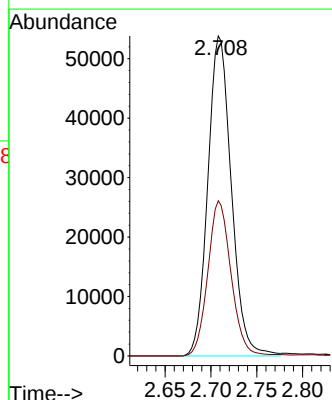
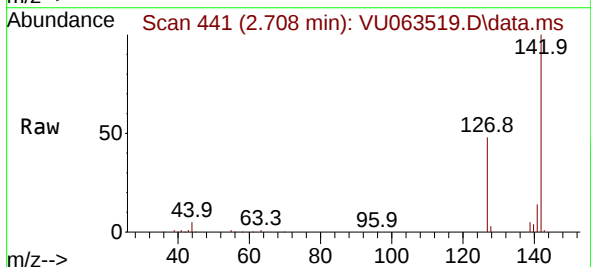
Manual Integrations
APPROVED

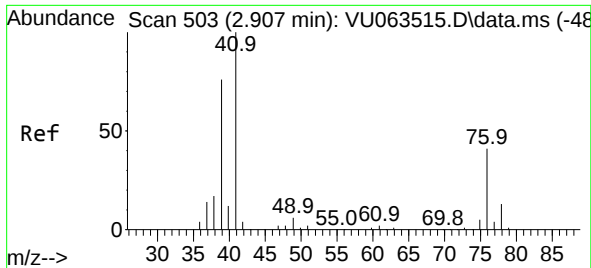
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#10
Iodomethane
Concen: 9.096 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

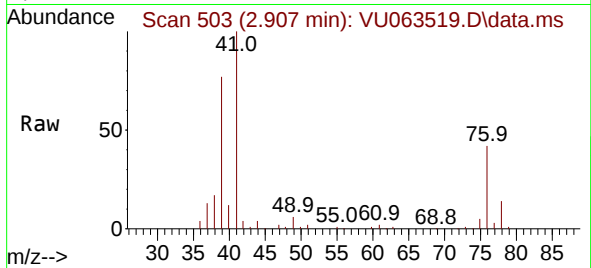
Tgt Ion:142 Resp: 96119
Ion Ratio Lower Upper
142 100
127 48.0 37.9 56.9





#11
 Allyl Chloride
 Concen: 9.904 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. 0.000 min
 Lab File: VU063519.D
 Acq: 17 Jul 2025 09:25

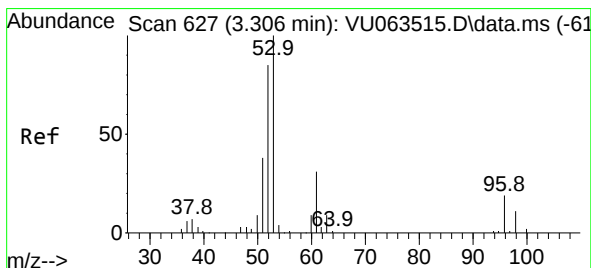
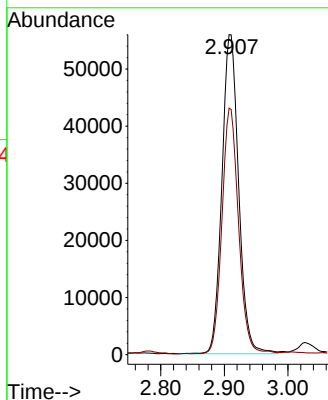
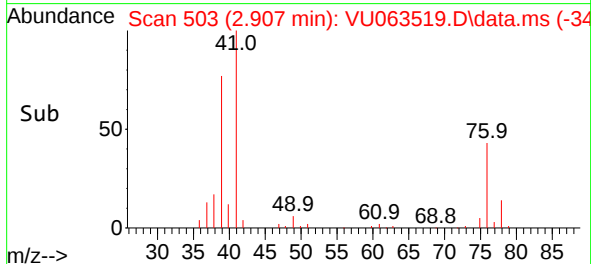
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



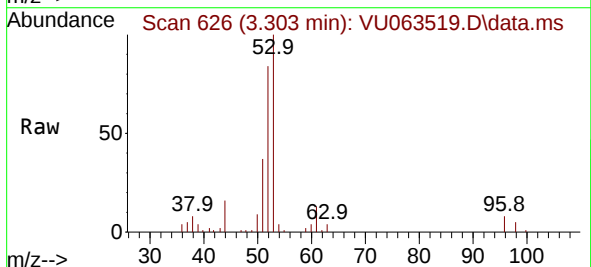
Tgt Ion: 41 Resp: 102152
 Ion Ratio Lower Upper
 41 100
 39 76.2 61.5 92.3

Manual Integrations
 APPROVED

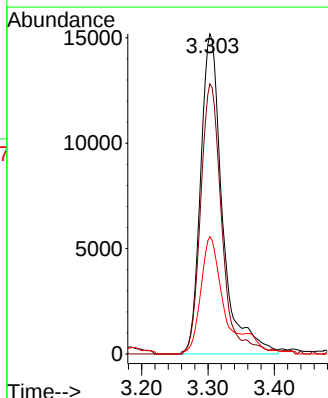
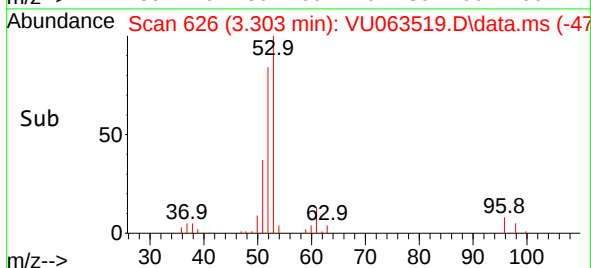
Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025

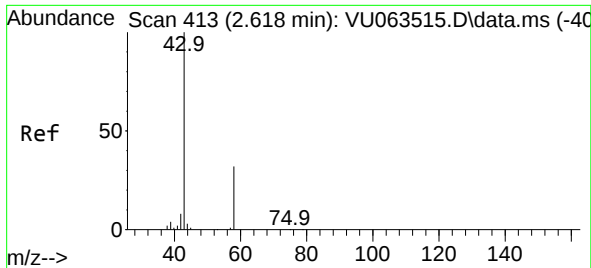


#12
 Acrylonitrile
 Concen: 19.426 ug/l
 RT: 3.303 min Scan# 626
 Delta R.T. -0.003 min
 Lab File: VU063519.D
 Acq: 17 Jul 2025 09:25



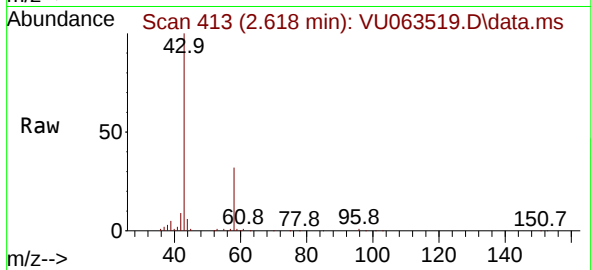
Tgt Ion: 53 Resp: 34689
 Ion Ratio Lower Upper
 53 100
 52 81.5 64.3 96.5
 51 36.0 27.8 41.8





#13
Acetone
Concen: 76.573 ug/l
RT: 2.618 min Scan# 413
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

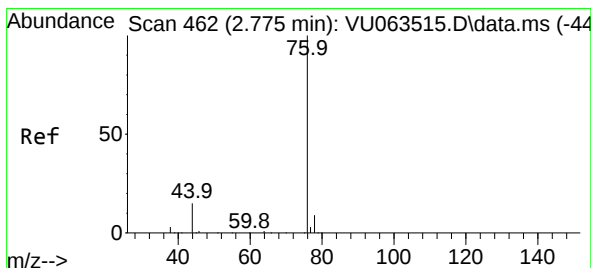
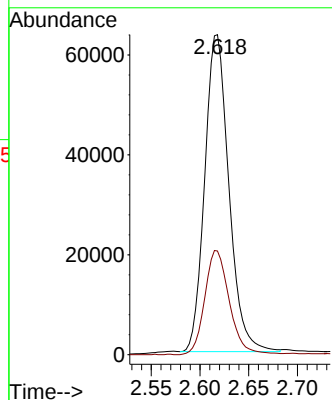
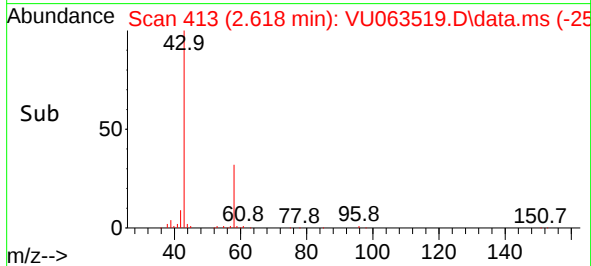
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



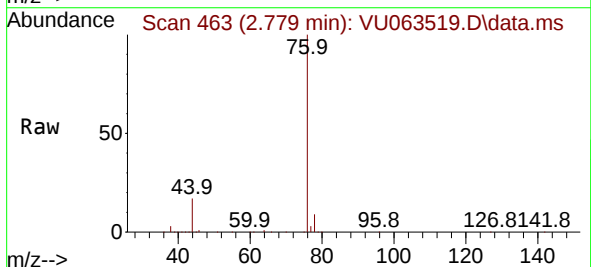
Tgt Ion: 43 Resp: 109552
Ion Ratio Lower Upper
43 100
58 32.7 25.4 38.0

Manual Integrations
APPROVED

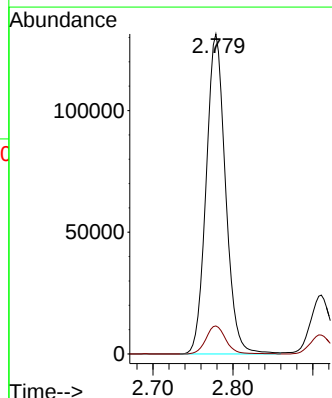
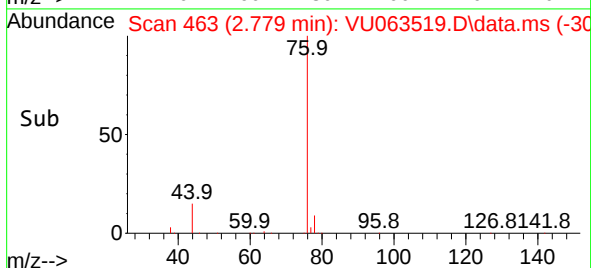
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

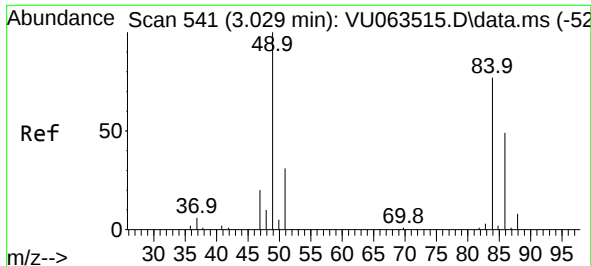


#14
Carbon Disulfide
Concen: 9.597 ug/l
RT: 2.779 min Scan# 463
Delta R.T. 0.003 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25



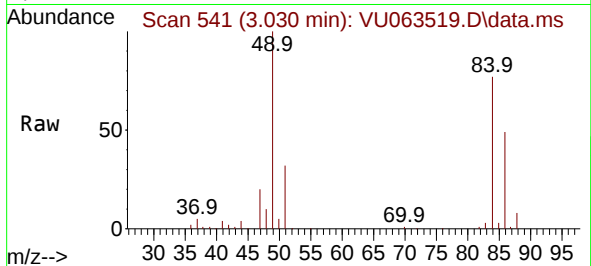
Tgt Ion: 76 Resp: 221309
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6





#15
Methylene Chloride
Concen: 9.347 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

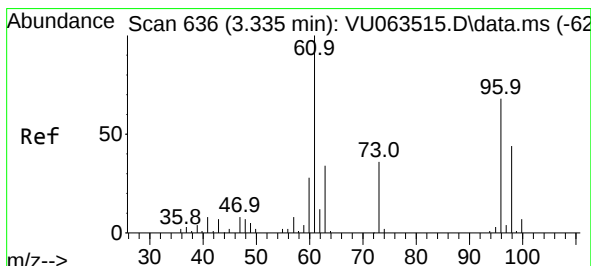
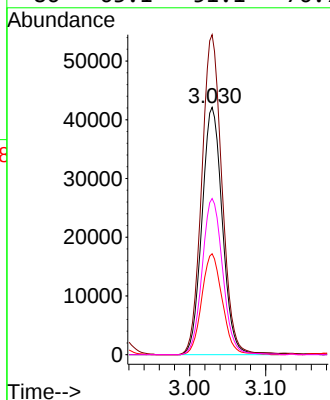
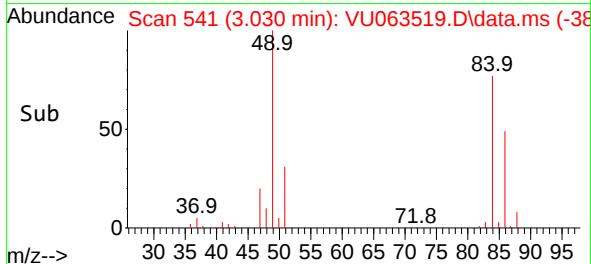
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 84 Resp: 78569
Ion Ratio Lower Upper
84 100
49 129.4 103.8 155.8
51 40.8 0.0 80.4
86 63.1 51.1 76.7

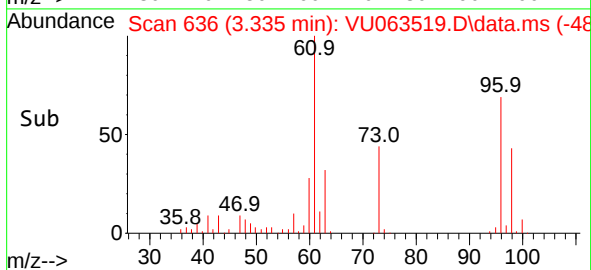
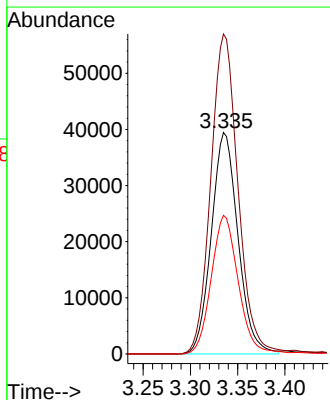
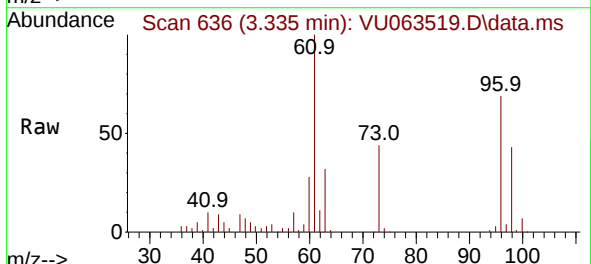
Manual Integrations
APPROVED

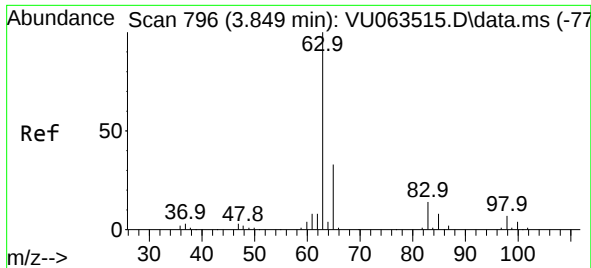
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#16
trans-1,2-Dichloroethene
Concen: 9.547 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

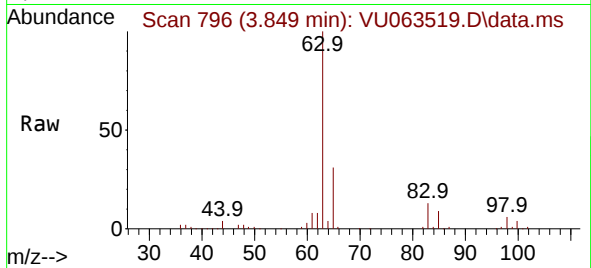
Tgt Ion: 96 Resp: 77415
Ion Ratio Lower Upper
96 100
61 144.5 117.2 175.8
98 62.6 51.4 77.2





#17
1,1-Dichloroethane
Concen: 9.813 ug/l
RT: 3.849 min Scan# 796
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

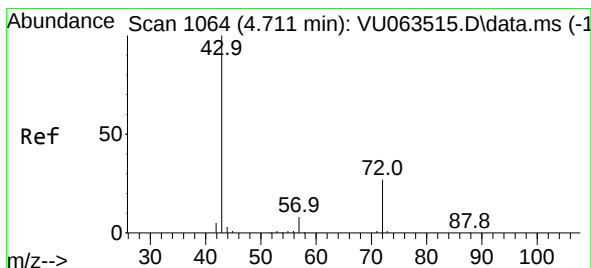
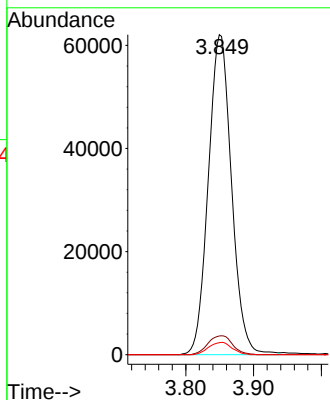
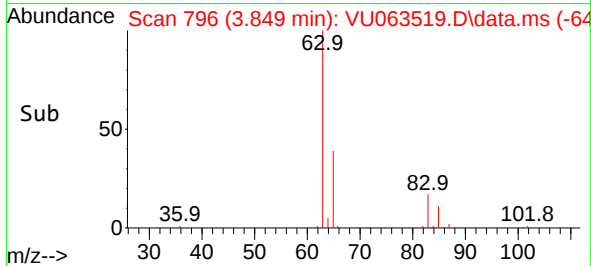
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 63 Resp: 14748
Ion Ratio Lower Upper
63 100
98 5.9 3.4 10.2
100 3.7 2.1 6.2

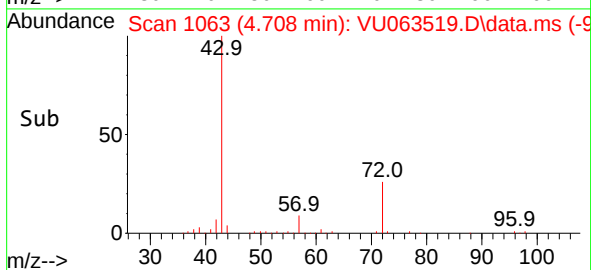
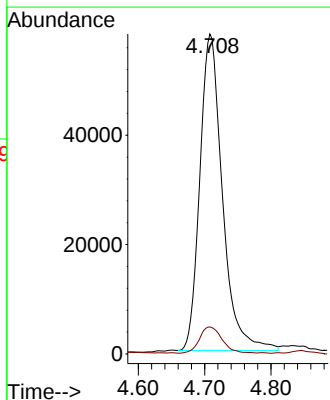
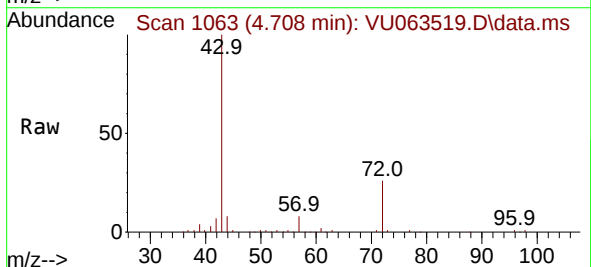
Manual Integrations
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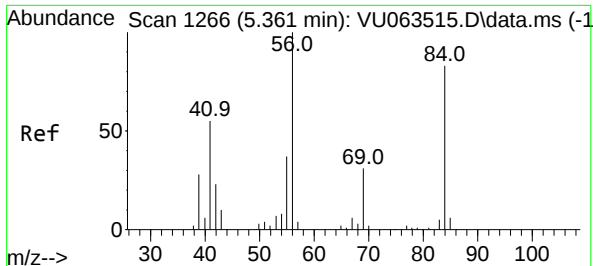
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#18
2-Butanone
Concen: 61.835 ug/l
RT: 4.708 min Scan# 1063
Delta R.T. -0.003 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

Tgt Ion: 43 Resp: 137001
Ion Ratio Lower Upper
43 100
57 8.3 0.0 16.4





#19

Cyclohexane

Concen: 9.447 ug/l

RT: 5.364 min Scan# 1266

Delta R.T. 0.003 min

Lab File: VU063519.D

Acq: 17 Jul 2025 09:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 56 Resp: 120210

Ion Ratio Lower Upper

56 100

69 34.3 26.6 39.8

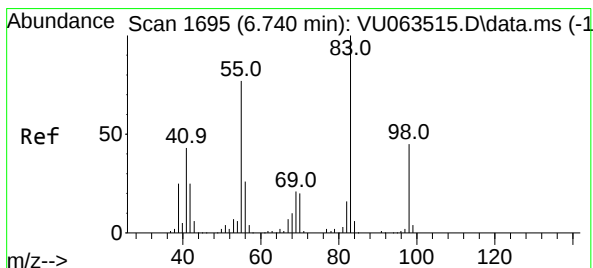
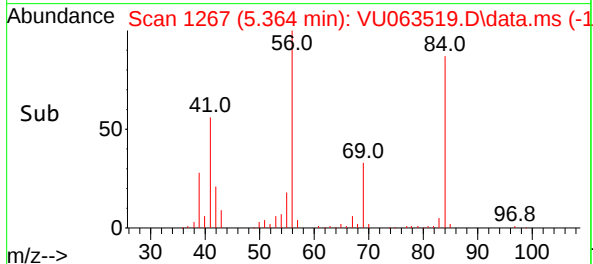
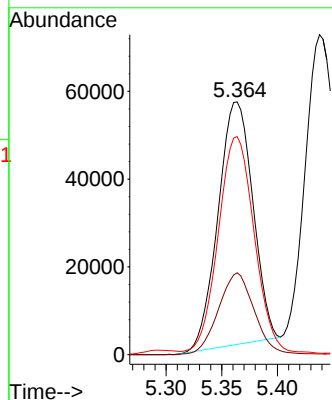
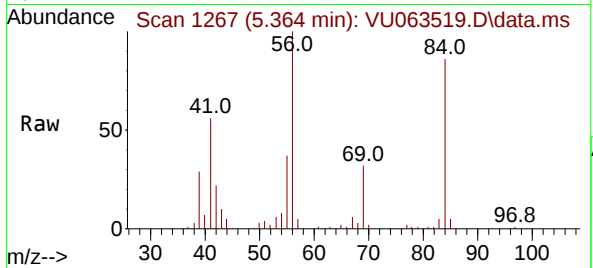
84 91.3 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#20

Methylcyclohexane

Concen: 10.376 ug/l

RT: 6.740 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VU063519.D

Acq: 17 Jul 2025 09:25

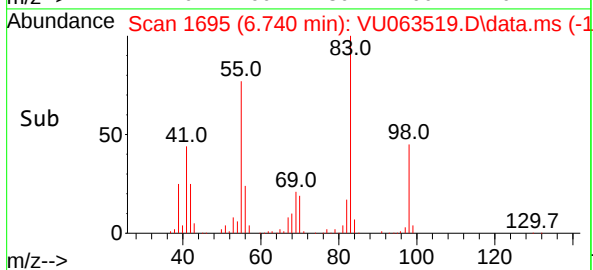
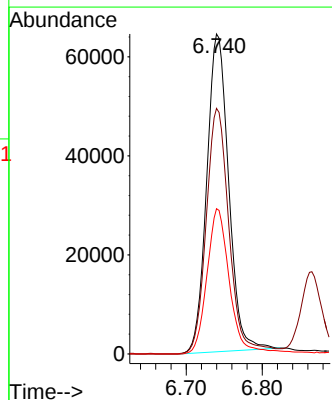
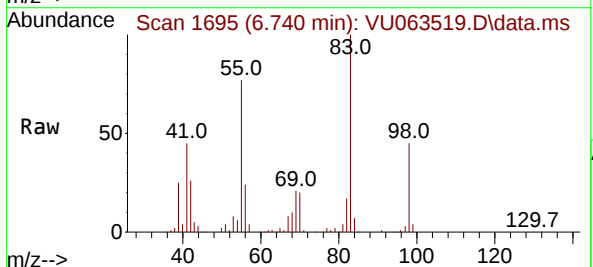
Tgt Ion: 83 Resp: 128329

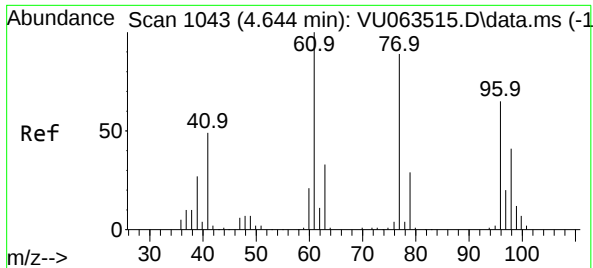
Ion Ratio Lower Upper

83 100

55 77.8 60.6 90.8

98 47.0 35.8 53.8





#21

2,2-Dichloropropane

Concen: 9.790 ug/l

RT: 4.647 min Scan# 1043

Delta R.T. 0.003 min

Lab File: VU063519.D

Acq: 17 Jul 2025 09:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 77 Resp: 12529

Ion Ratio Lower Upper

77 100

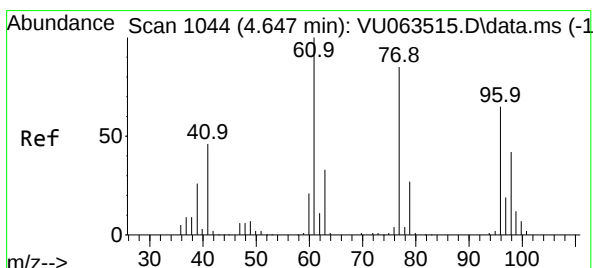
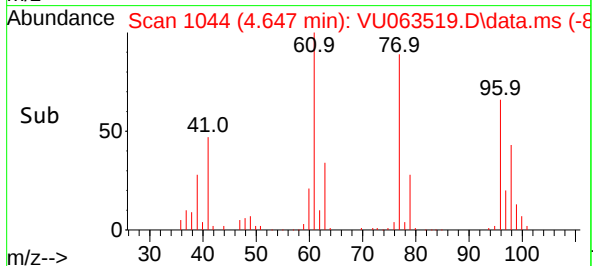
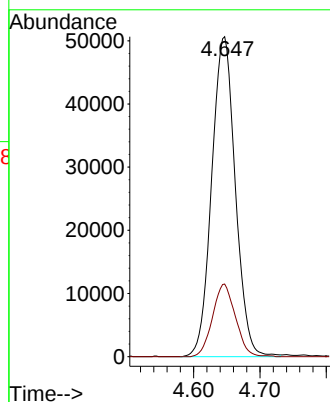
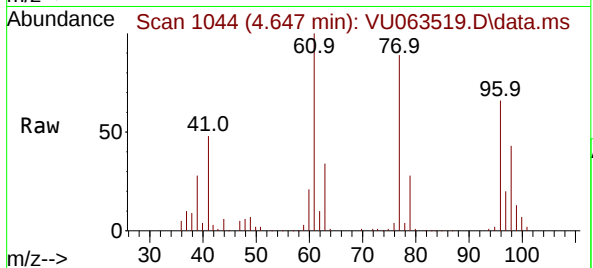
97 22.0 17.8 26.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#22

cis-1,2-Dichloroethene

Concen: 9.751 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VU063519.D

Acq: 17 Jul 2025 09:25

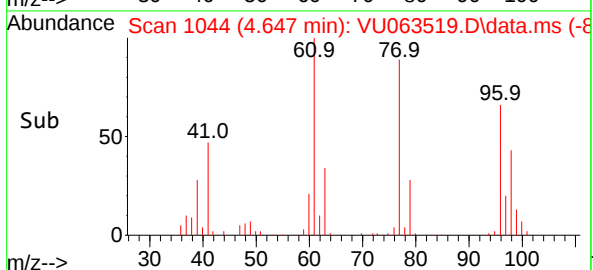
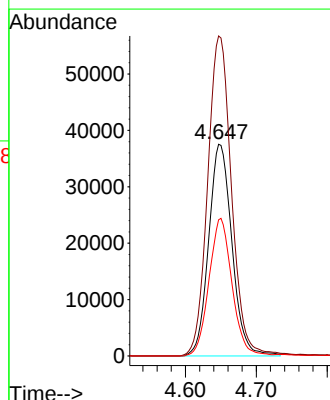
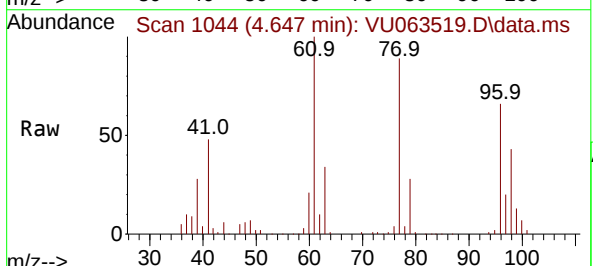
Tgt Ion: 96 Resp: 85795

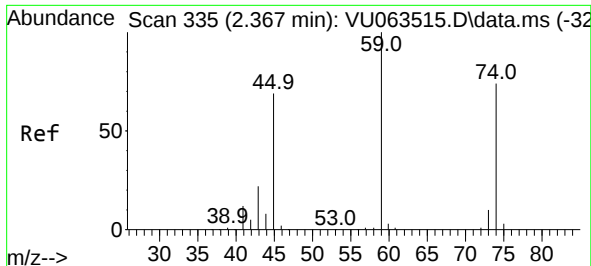
Ion Ratio Lower Upper

96 100

61 154.9 0.0 384.7

98 64.2 32.1 96.3





#23

Diethyl Ether

Concen: 10.062 ug/l

RT: 2.367 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU063519.D

Acq: 17 Jul 2025 09:25

Instrument :

MSVOA_U

ClientSampleId :

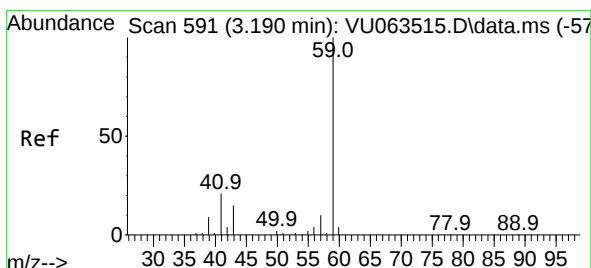
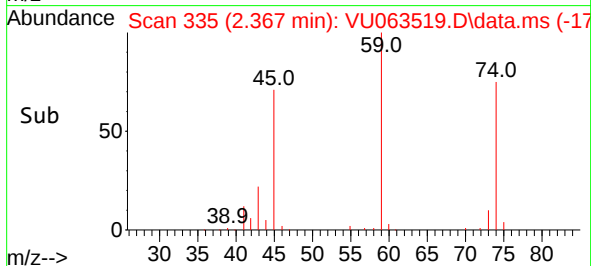
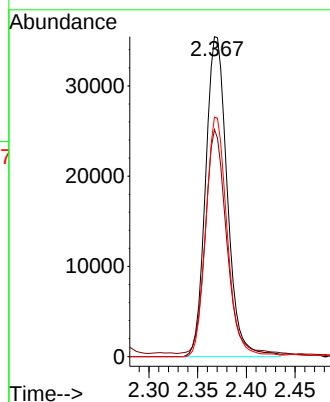
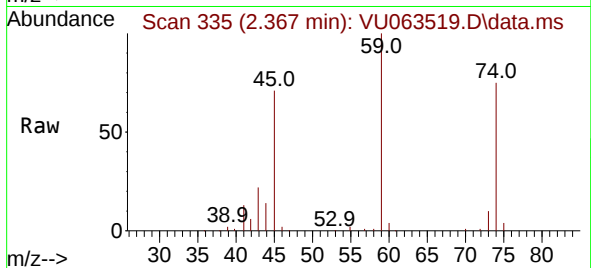
VSTDCCC010

Tgt Ion:	59	Resp:	5474
Ion	Ratio	Lower	Upper
59	100		
45	68.8	55.1	82.7
74	73.8	58.2	87.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#24

tert-Butyl Alcohol

Concen: 96.429 ug/l

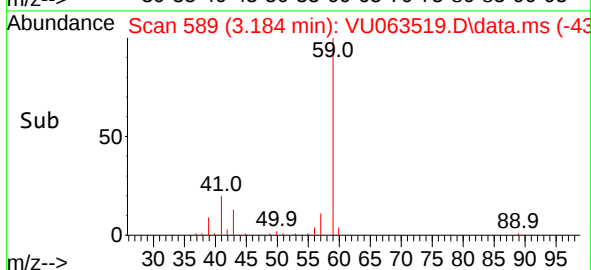
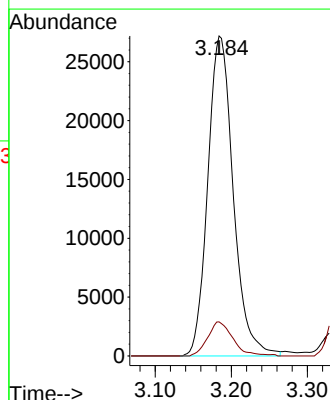
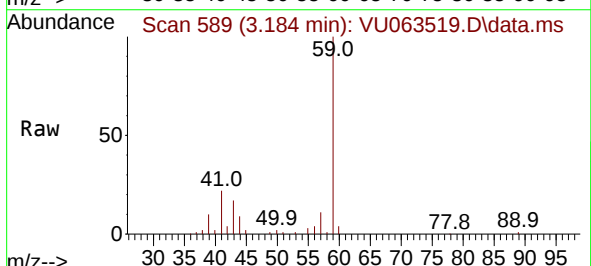
RT: 3.184 min Scan# 589

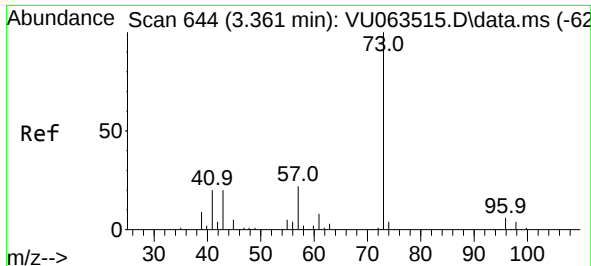
Delta R.T. -0.006 min

Lab File: VU063519.D

Acq: 17 Jul 2025 09:25

Tgt Ion:	59	Resp:	63328
Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.6	12.8





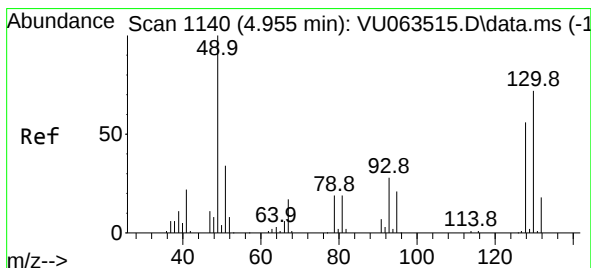
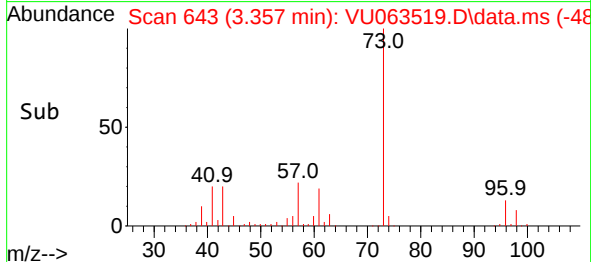
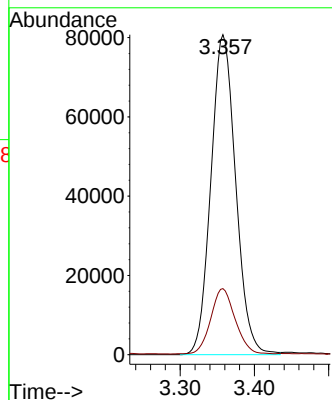
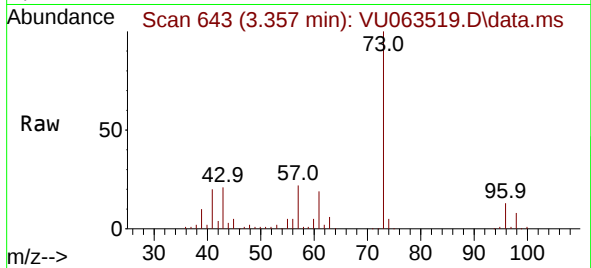
#25
Methyl tert-Butyl Ether
Concen: 10.052 ug/l
RT: 3.357 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 73 Resp: 18736
Ion Ratio Lower Upper
73 100
43 20.1 16.2 24.2

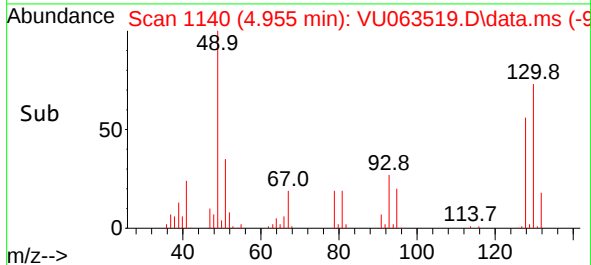
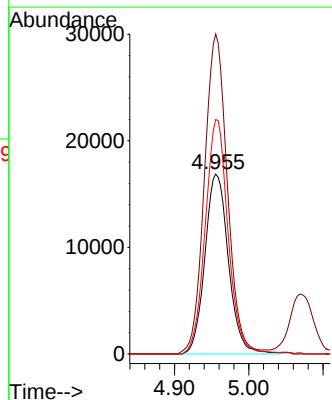
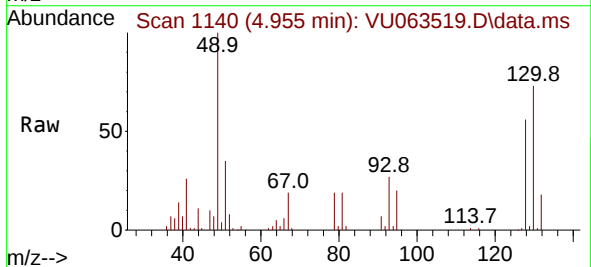
Manual Integrations
APPROVED

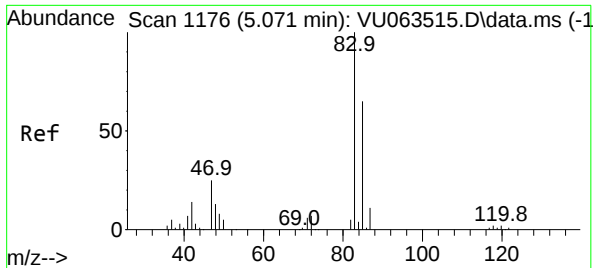
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#26
Bromochloromethane
Concen: 10.094 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

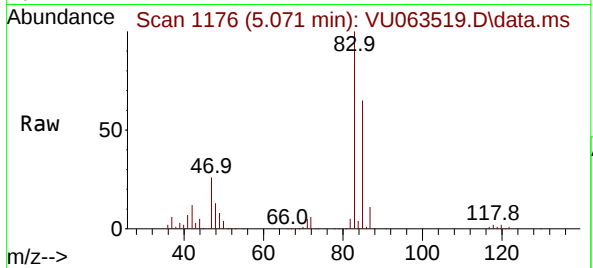
Tgt Ion:128 Resp: 37081
Ion Ratio Lower Upper
128 100
49 173.8 0.0 340.8
130 126.8 100.5 150.7





#27
Chloroform
Concen: 9.734 ug/l
RT: 5.071 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

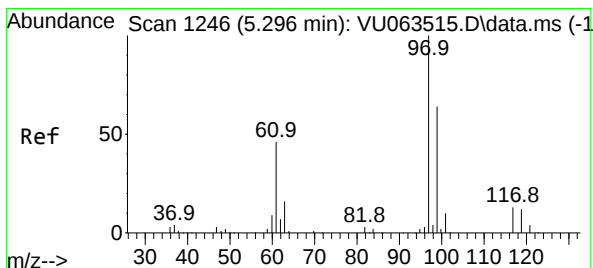
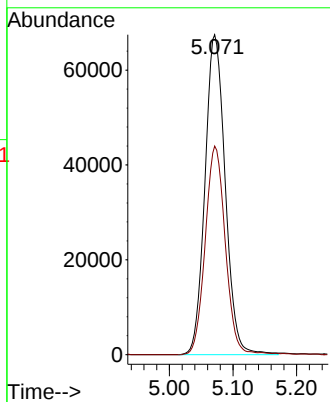
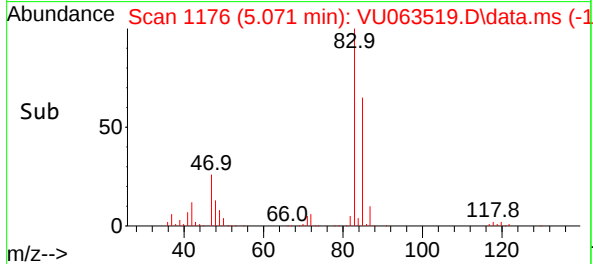
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



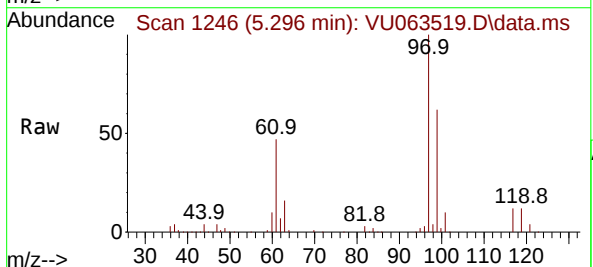
Tgt Ion: 83 Resp: 149270
Ion Ratio Lower Upper
83 100
85 65.2 0.0 130.0

Manual Integrations
APPROVED

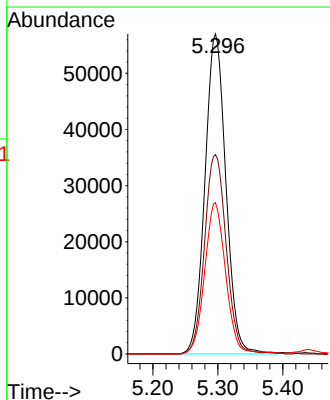
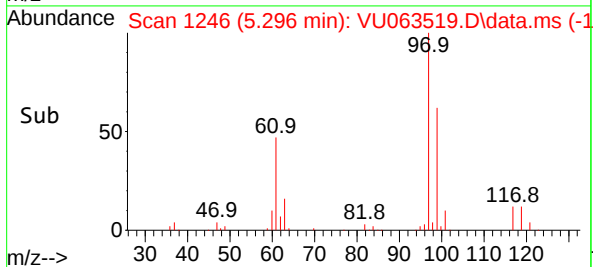
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

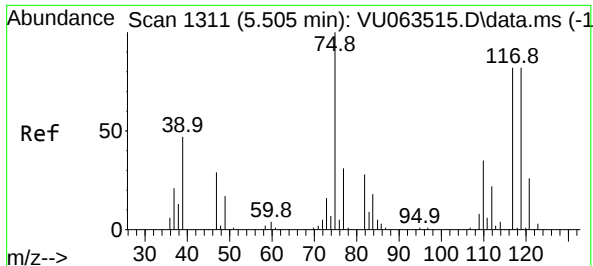


#28
1,1,1-Trichloroethane
Concen: 9.841 ug/l
RT: 5.296 min Scan# 1246
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25



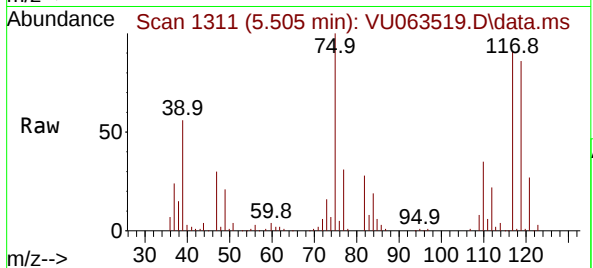
Tgt Ion: 97 Resp: 128095
Ion Ratio Lower Upper
97 100
99 64.3 31.8 95.3
61 47.5 23.3 69.9





#29
1,1-Dichloropropene
Concen: 9.703 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

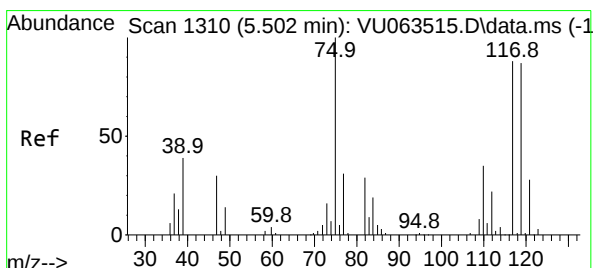
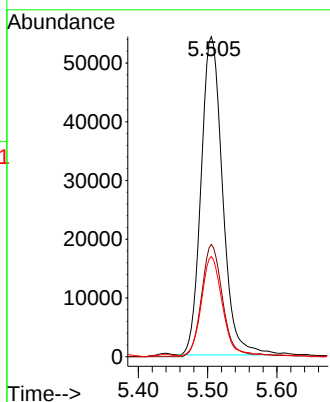
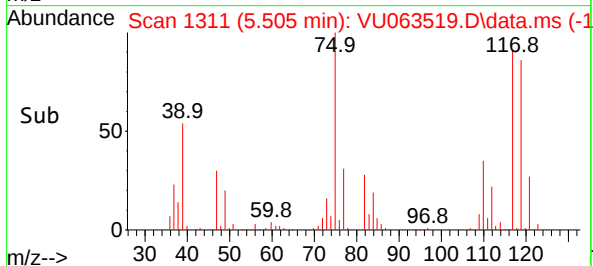
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



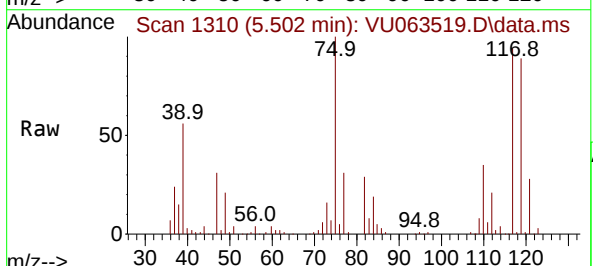
Tgt Ion: 75 Resp: 116999
Ion Ratio Lower Upper
75 100
110 34.1 17.8 53.4
77 29.9 24.6 37.0

Manual Integrations
APPROVED

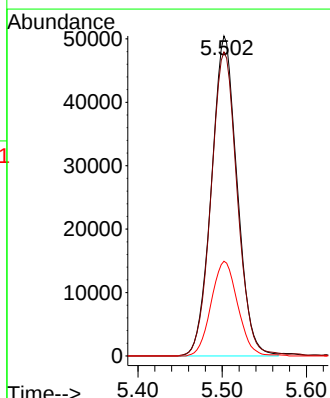
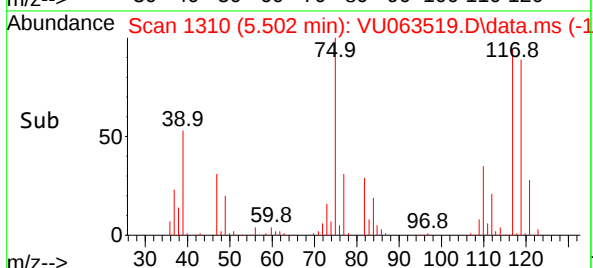
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

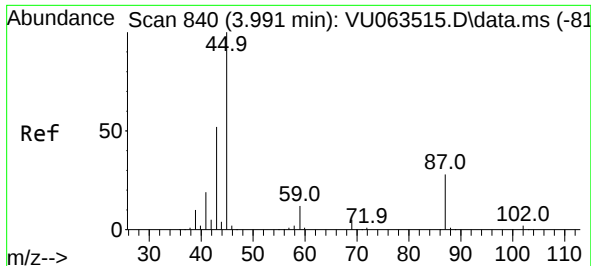


#30
Carbon Tetrachloride
Concen: 10.193 ug/l
RT: 5.502 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25



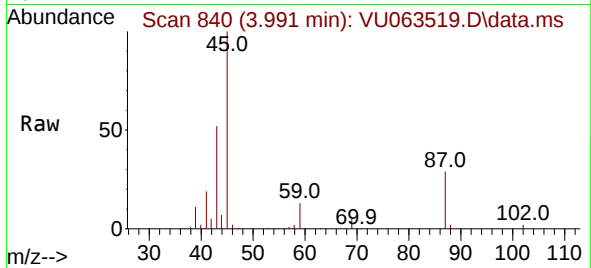
Tgt Ion:117 Resp: 106784
Ion Ratio Lower Upper
117 100
119 95.0 79.2 118.8
121 29.6 25.5 38.3





#31
Isopropyl Ether
Concen: 9.757 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

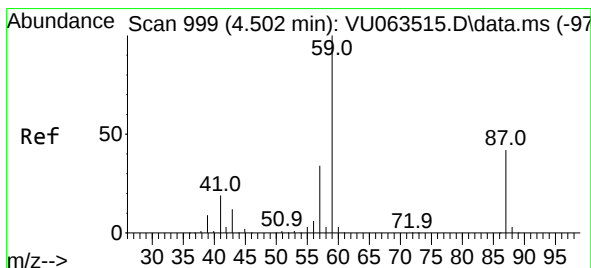
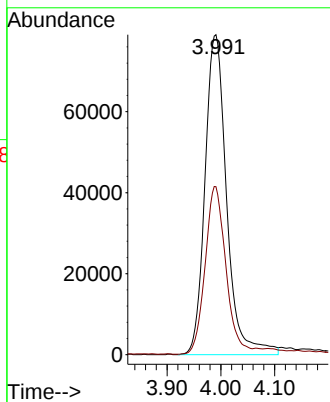
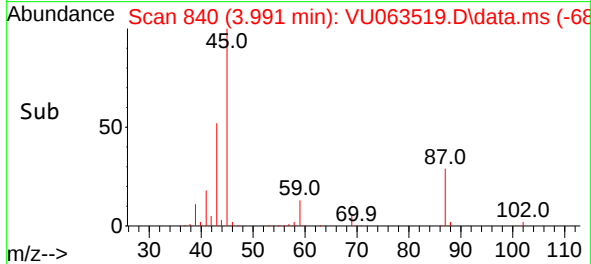
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



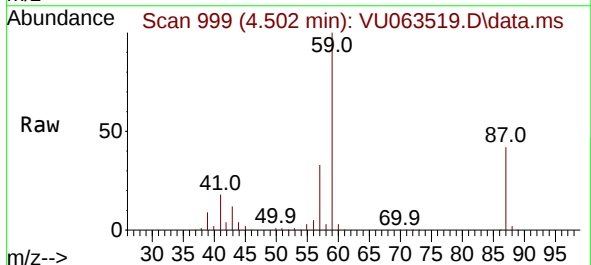
Tgt Ion: 45 Resp: 221350
Ion Ratio Lower Upper
45 100
43 50.0 25.7 77.0

Manual Integrations
APPROVED

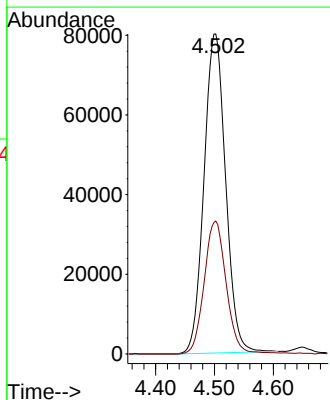
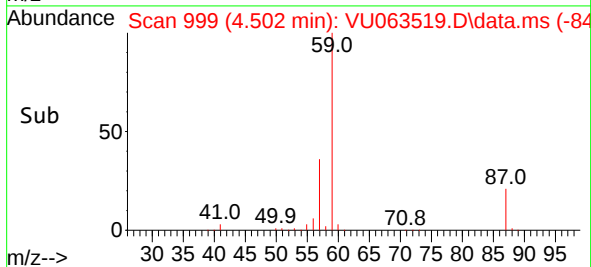
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

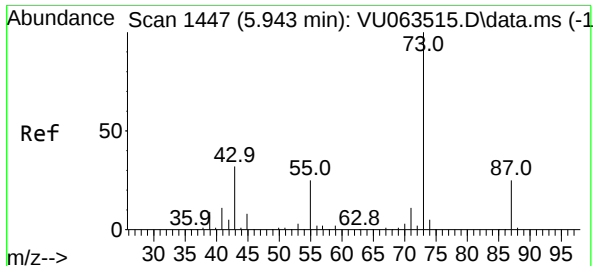


#32
Ethyl-t-butyl ether
Concen: 9.745 ug/l
RT: 4.502 min Scan# 999
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25



Tgt Ion: 59 Resp: 204582
Ion Ratio Lower Upper
59 100
87 41.9 32.6 49.0





#33

Tert-Amyl methyl ether

Concen: 9.982 ug/l

RT: 5.939 min Scan# 1447

Delta R.T. -0.003 min

Lab File: VU063519.D

Acq: 17 Jul 2025 09:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 73 Resp: 18186

Ion Ratio Lower Upper

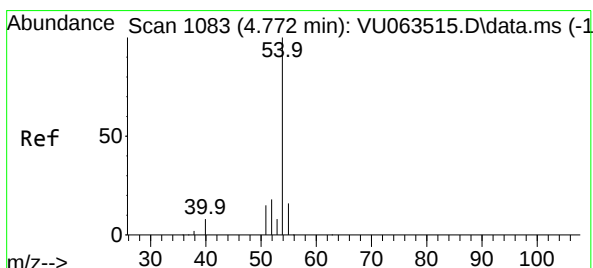
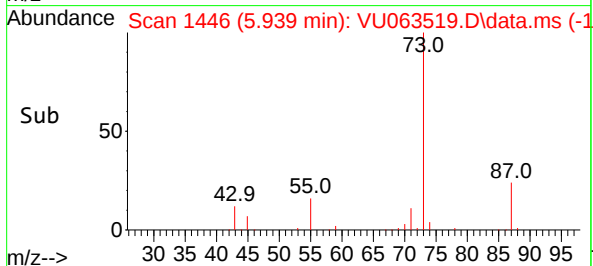
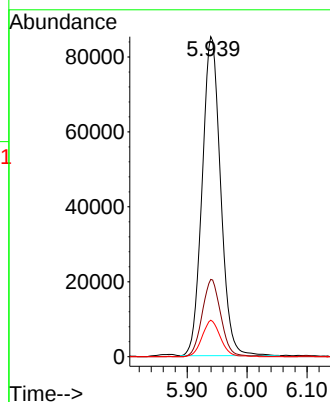
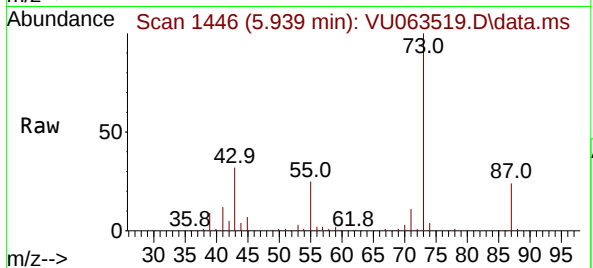
73 100

87 24.3 19.4 29.2

71 11.2 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

#34

Propionitrile

Concen: 47.084 ug/l

RT: 4.772 min Scan# 1083

Delta R.T. 0.000 min

Lab File: VU063519.D

Acq: 17 Jul 2025 09:25

Tgt Ion: 54 Resp: 31784

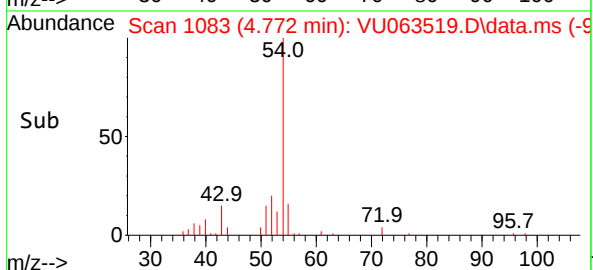
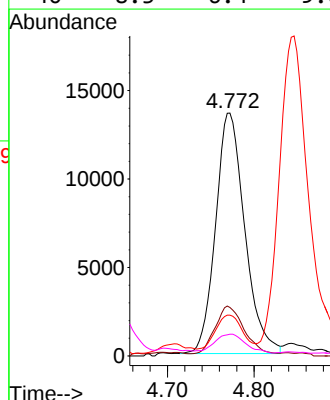
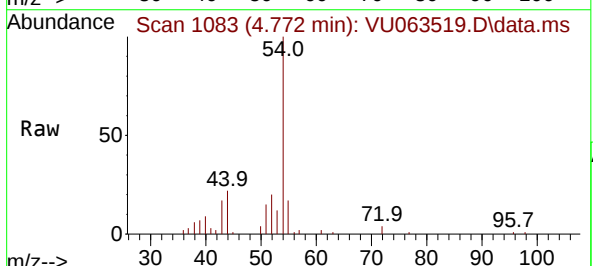
Ion Ratio Lower Upper

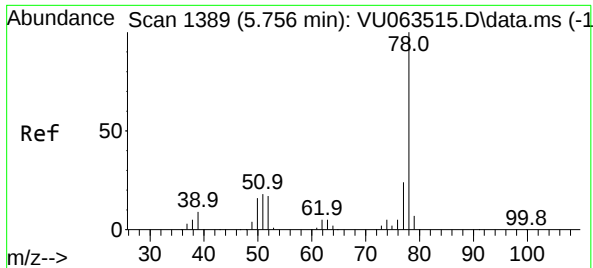
54 100

52 19.2 17.0 25.4

55 12.9 13.6 20.4#

40 8.3 6.4 9.6





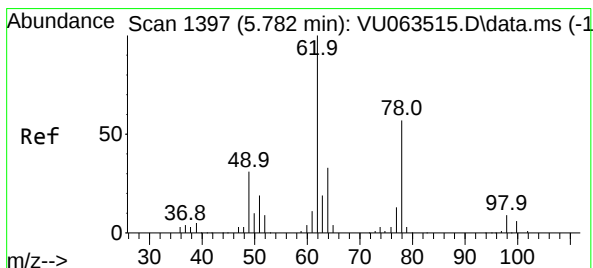
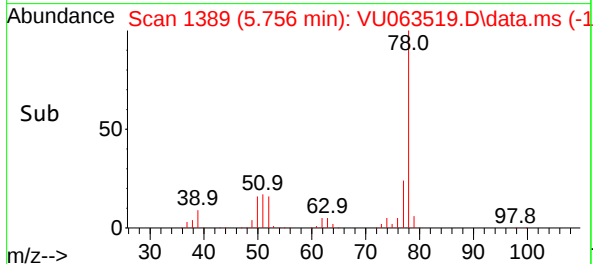
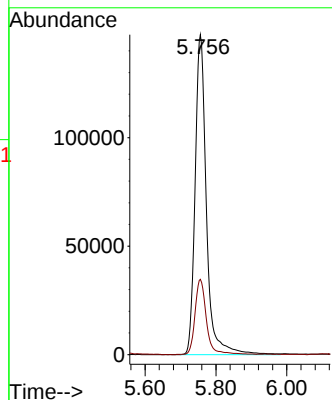
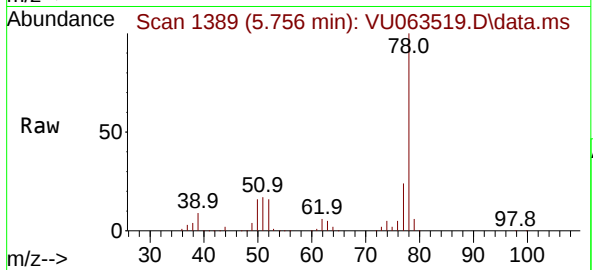
#35
Benzene
Concen: 10.088 ug/l
RT: 5.756 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 78 Resp: 326804
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.2

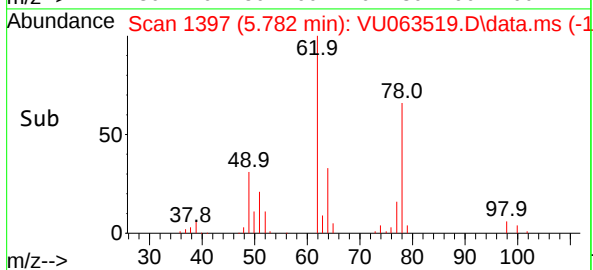
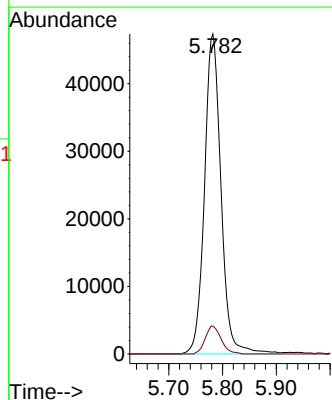
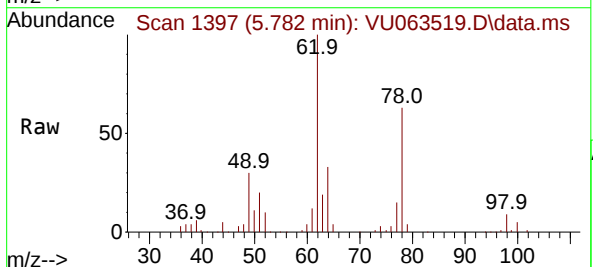
Manual Integrations
APPROVED

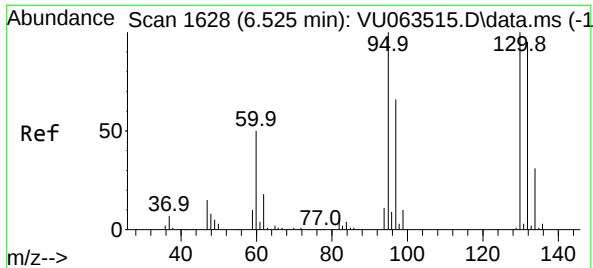
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#36
1,2-Dichloroethane
Concen: 10.057 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

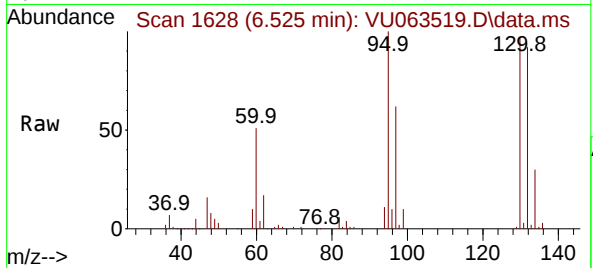
Tgt Ion: 62 Resp: 101239
Ion Ratio Lower Upper
62 100
98 8.4 6.4 9.6





#37
Trichloroethene
Concen: 10.590 ug/l
RT: 6.525 min Scan# 1628
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

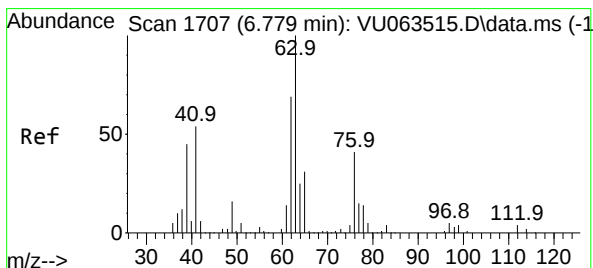
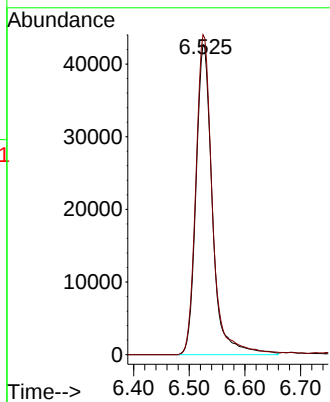
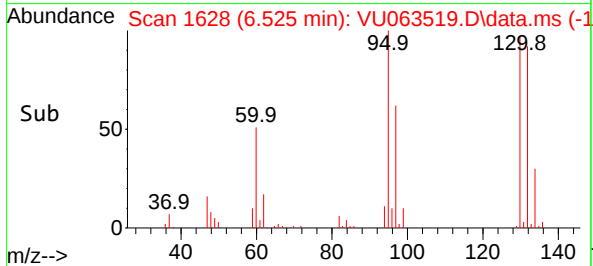
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



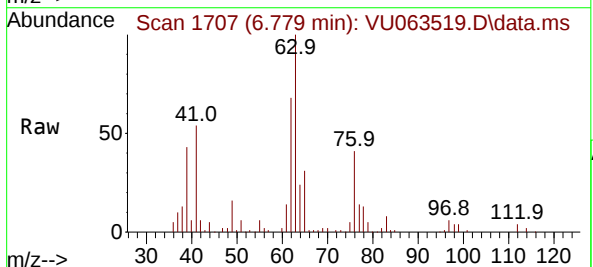
Tgt Ion:130 Resp: 87532
Ion Ratio Lower Upper
130 100
95 103.2 80.3 120.5

Manual Integrations
APPROVED

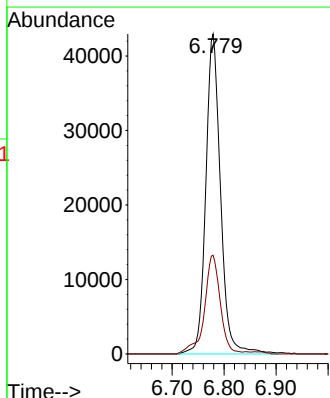
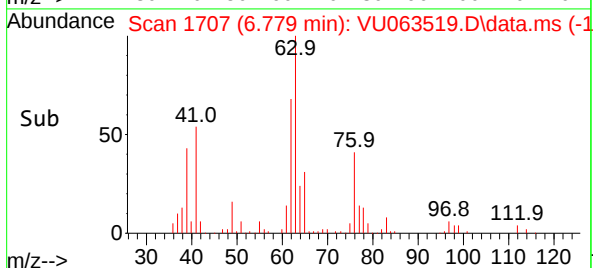
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

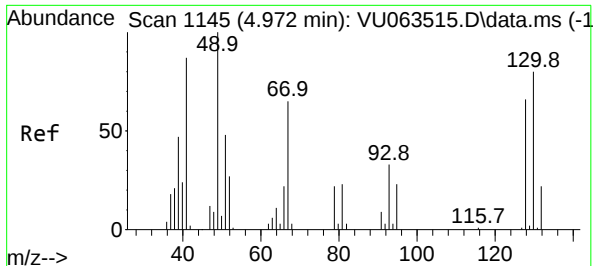


#38
1,2-Dichloropropane
Concen: 11.175 ug/l
RT: 6.779 min Scan# 1707
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25



Tgt Ion: 63 Resp: 84731
Ion Ratio Lower Upper
63 100
65 30.8 24.6 36.8





#39

Methacrylonitrile

Concen: 9.213 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. -0.003 min

Lab File: VU063519.D

Acq: 17 Jul 2025 09:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 2764

Ion Ratio Lower Upper

41 100

67 77.2 62.7 94.1

39 54.1 43.1 64.7

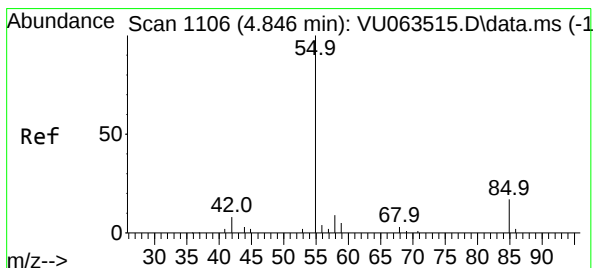
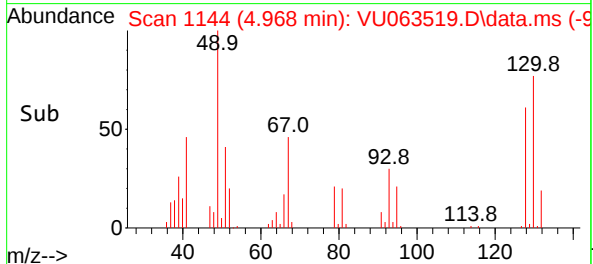
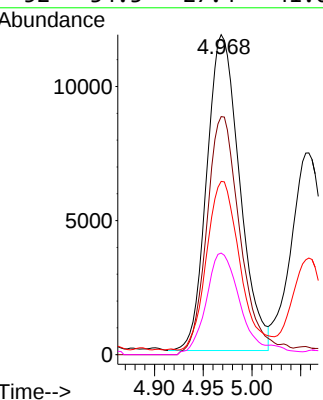
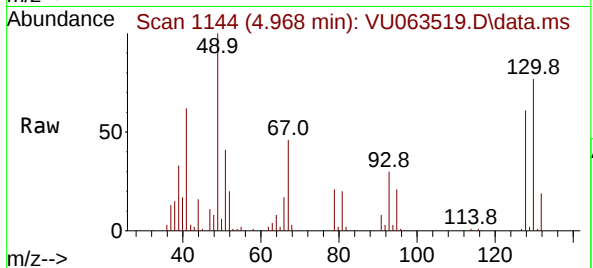
52 34.3 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#40

Methyl acrylate

Concen: 9.339 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VU063519.D

Acq: 17 Jul 2025 09:25

Tgt Ion: 55 Resp: 40963

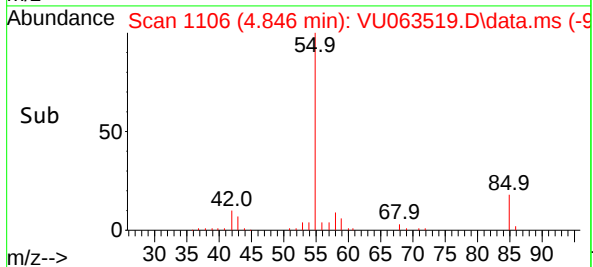
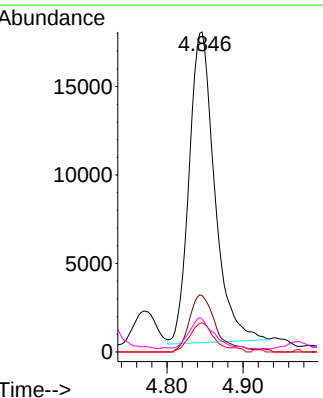
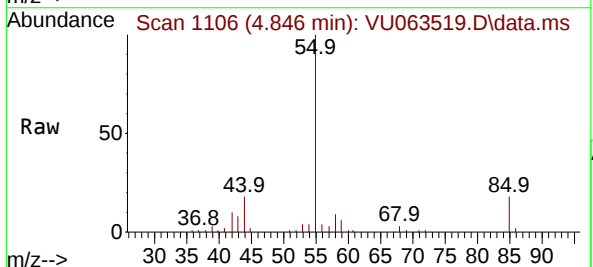
Ion Ratio Lower Upper

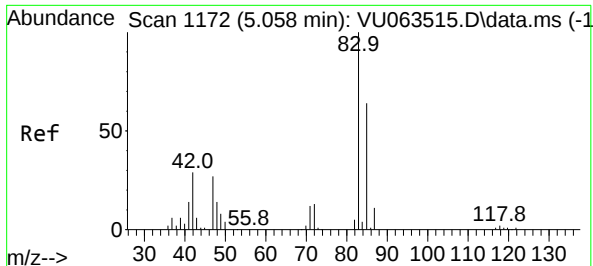
55 100

85 19.0 12.8 19.2

58 9.3 7.0 10.4

42 8.8 7.0 10.4





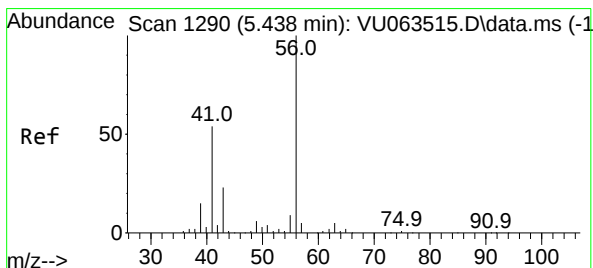
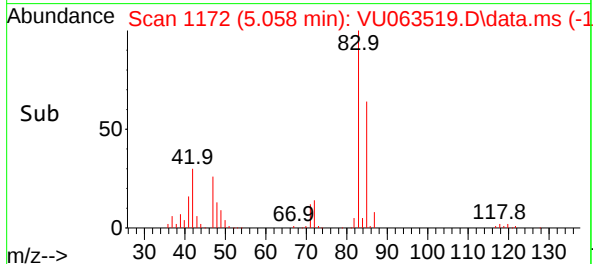
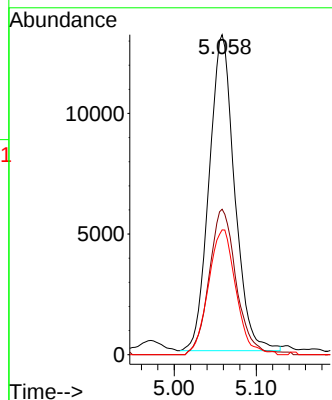
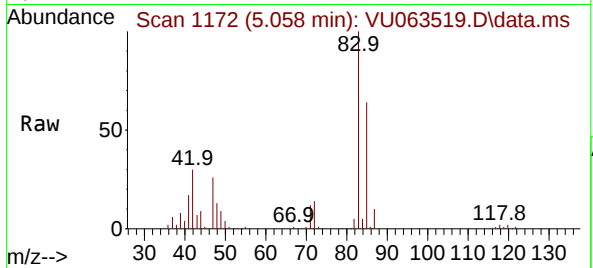
#41
Tetrahydrofuran
Concen: 17.936 ug/l
RT: 5.058 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 2831
Ion Ratio Lower Upper
42 100
72 49.2 39.2 58.8
71 42.7 34.8 52.2

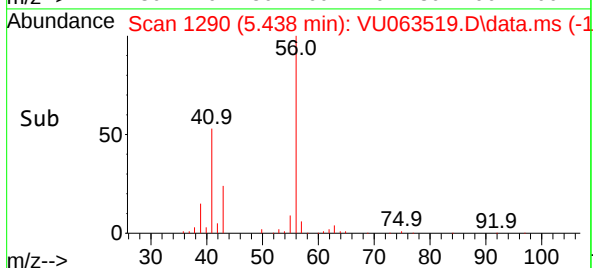
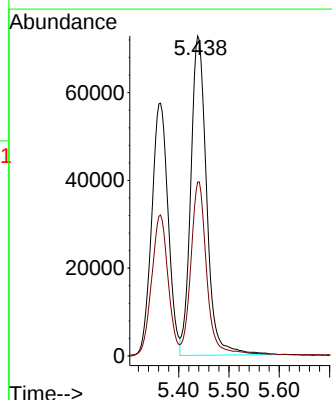
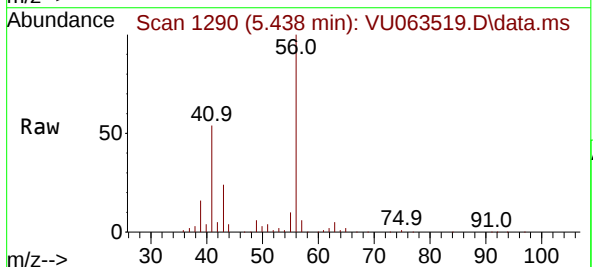
Manual Integrations
APPROVED

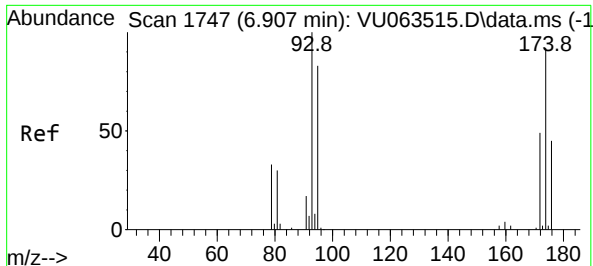
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#42
1-Chlorobutane
Concen: 9.953 ug/l
RT: 5.438 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

Tgt Ion: 56 Resp: 159543
Ion Ratio Lower Upper
56 100
41 53.3 26.7 80.0





#43

Dibromomethane

Concen: 10.067 ug/l

RT: 6.904 min Scan# 1746

Delta R.T. -0.003 min

Lab File: VU063519.D

Acq: 17 Jul 2025 09:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 93 Resp: 3954

Ion Ratio Lower Upper

93 100

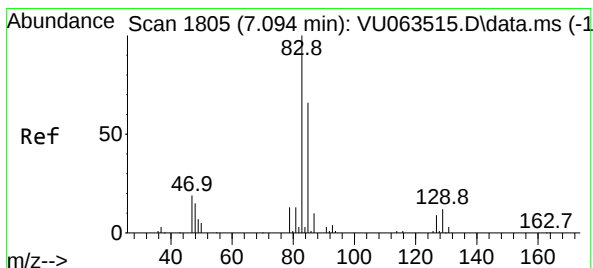
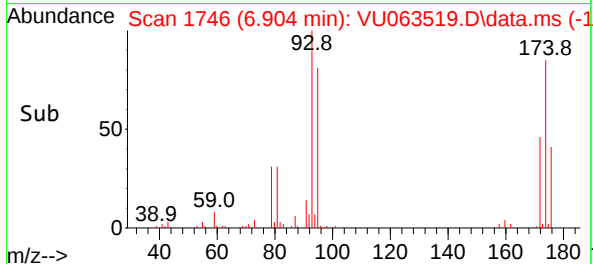
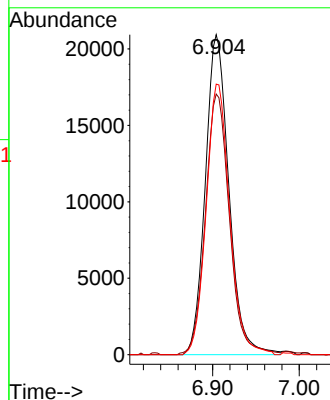
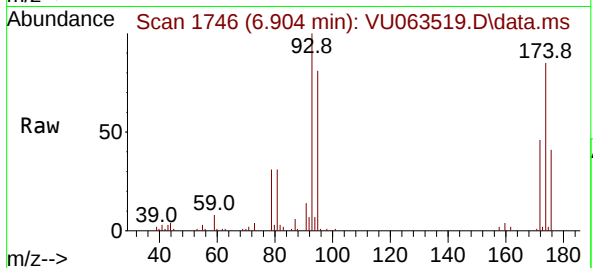
95 83.3 67.9 101.9

174 84.7 74.6 111.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#44

Bromodichloromethane

Concen: 10.053 ug/l

RT: 7.094 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VU063519.D

Acq: 17 Jul 2025 09:25

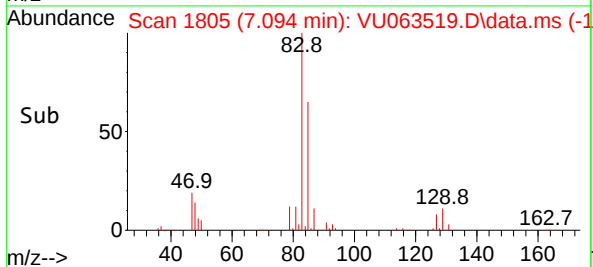
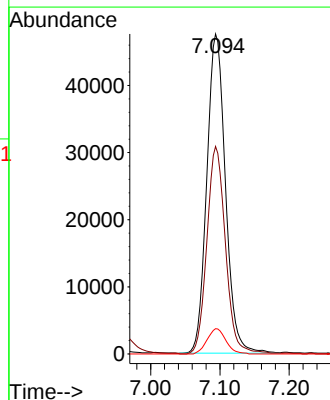
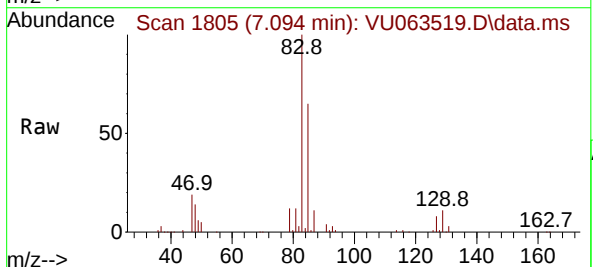
Tgt Ion: 83 Resp: 89050

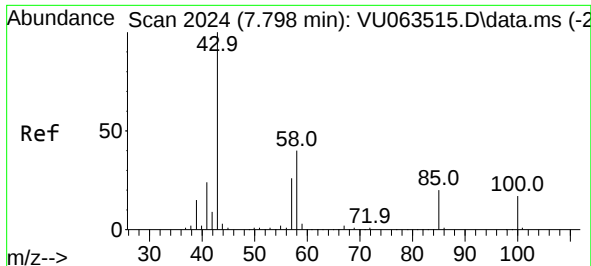
Ion Ratio Lower Upper

83 100

85 65.0 52.7 79.1

127 7.9 8.1 12.1#





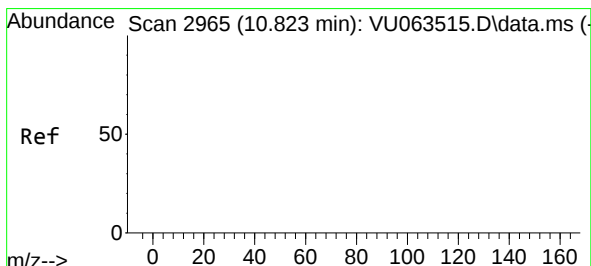
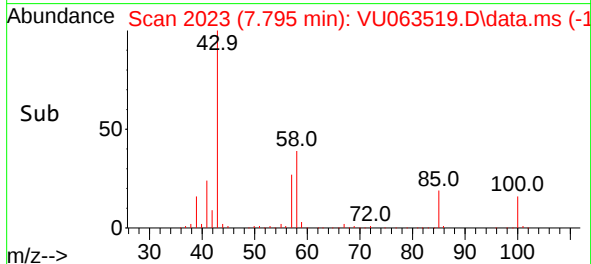
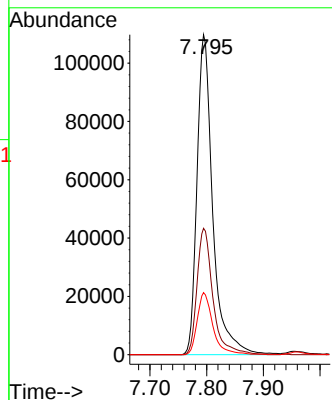
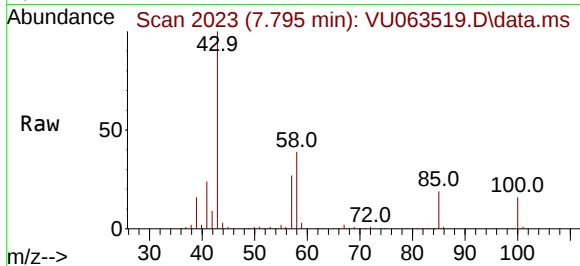
#45
4-Methyl-2-Pentanone
Concen: 52.266 ug/l
RT: 7.795 min Scan# 2024
Delta R.T. -0.003 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 21158
Ion Ratio Lower Upper
43 100
58 39.9 20.0 60.0
85 19.4 15.4 23.0

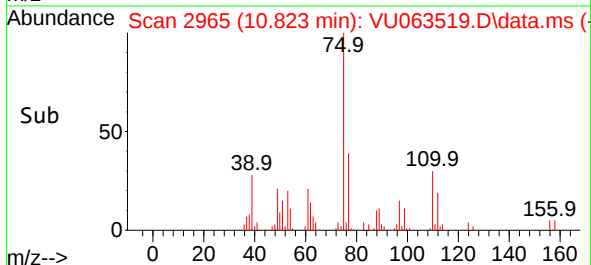
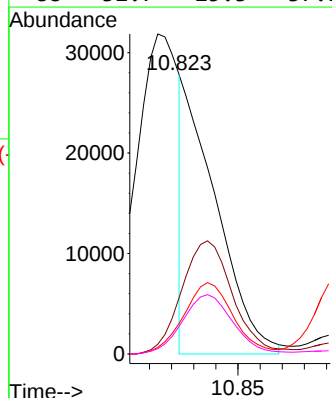
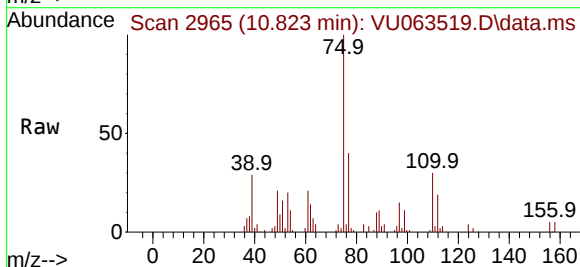
Manual Integrations
APPROVED

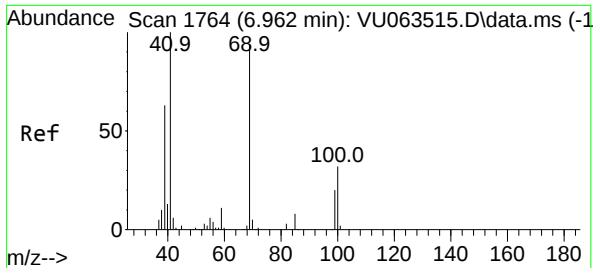
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#46
t-1,4-Dichloro-2-butene
Concen: 18.890 ug/l m
RT: 10.823 min Scan# 2965
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

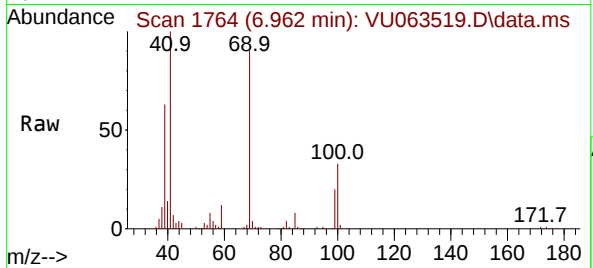
Tgt Ion: 75 Resp: 28706
Ion Ratio Lower Upper
75 100
53 63.1 48.4 72.6
89 38.6 30.6 45.8
88 32.7 25.3 37.9





#47
Methyl methacrylate
Concen: 20.900 ug/l
RT: 6.962 min Scan# 1764
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

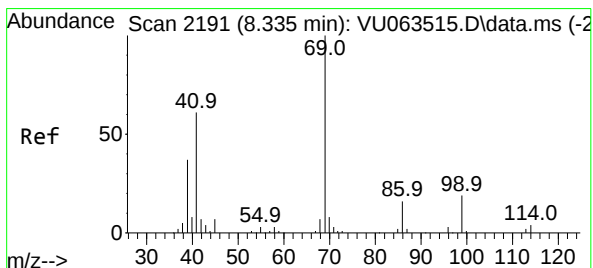
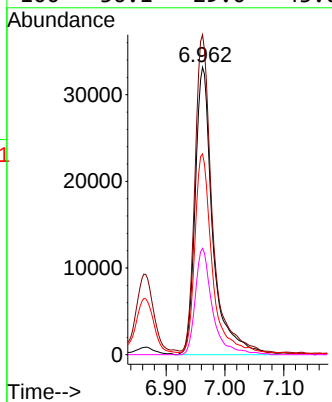
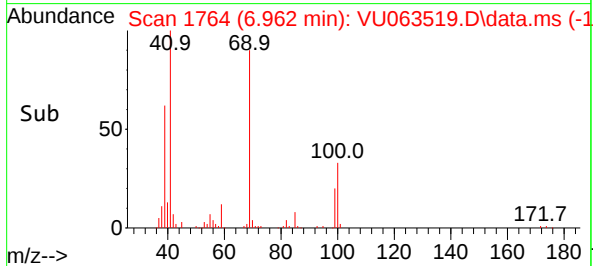
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 69 Resp: 68940
Ion Ratio Lower Upper
69 100
41 109.1 0.0 224.0
39 66.2 55.3 82.9
100 36.1 29.0 43.6

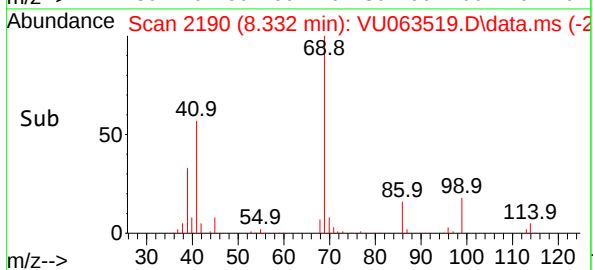
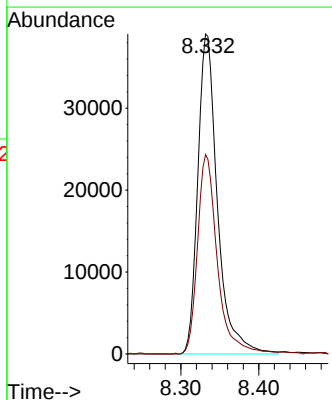
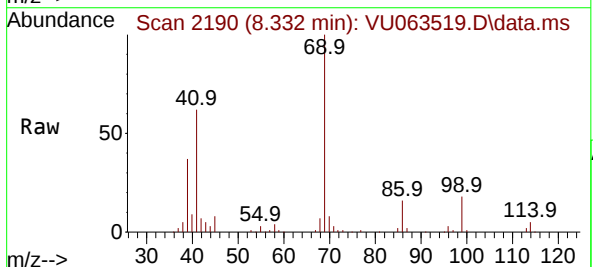
Manual Integrations
APPROVED

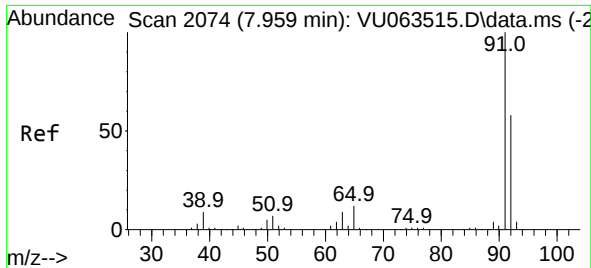
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#48
Ethyl methacrylate
Concen: 10.861 ug/l
RT: 8.332 min Scan# 2190
Delta R.T. -0.003 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

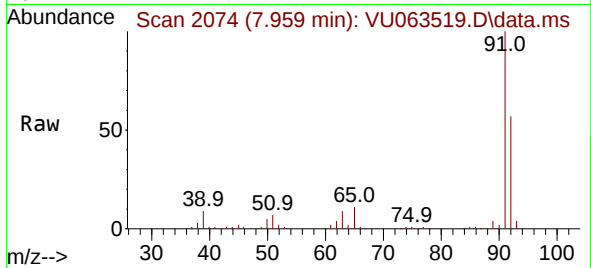
Tgt Ion: 69 Resp: 68373
Ion Ratio Lower Upper
69 100
41 62.8 30.8 92.4





#49
Toluene
Concen: 10.158 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

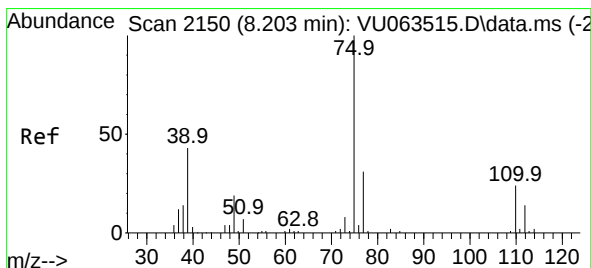
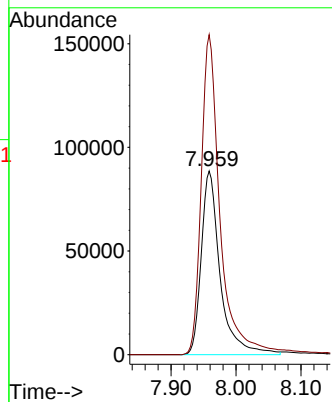
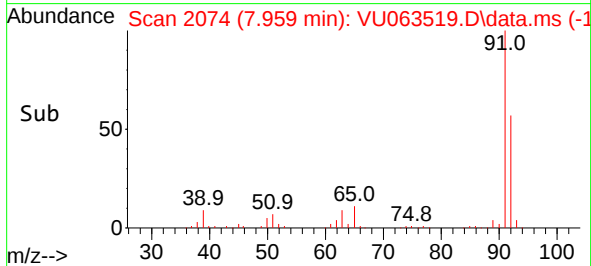
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 92 Resp: 179669
Ion Ratio Lower Upper
92 100
91 176.8 140.4 210.6

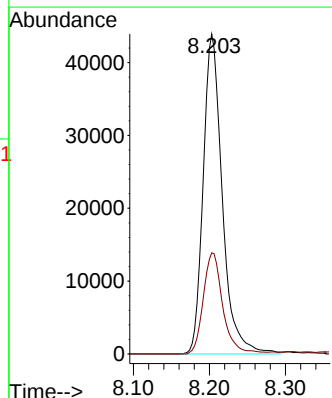
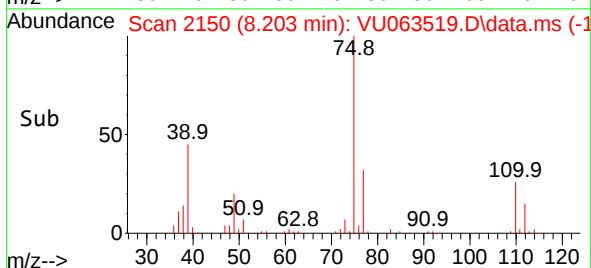
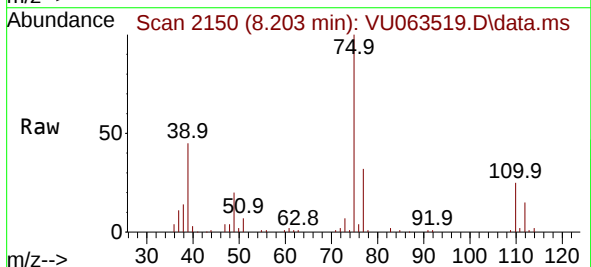
Manual Integrations
APPROVED

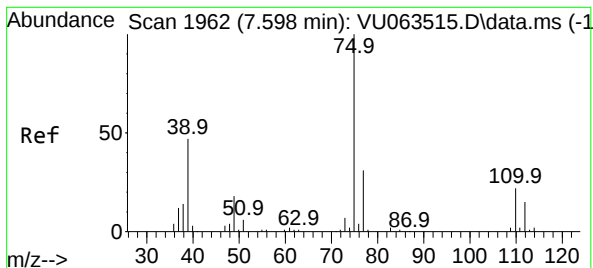
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#50
t-1,3-Dichloropropene
Concen: 11.010 ug/l
RT: 8.203 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

Tgt Ion: 75 Resp: 76515
Ion Ratio Lower Upper
75 100
77 31.6 24.9 37.3





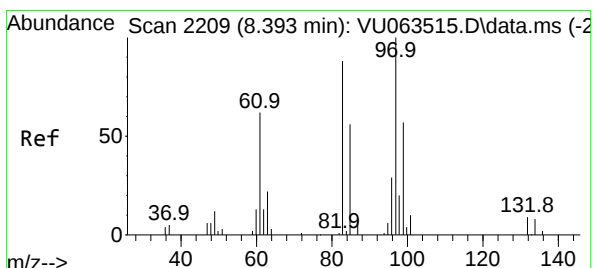
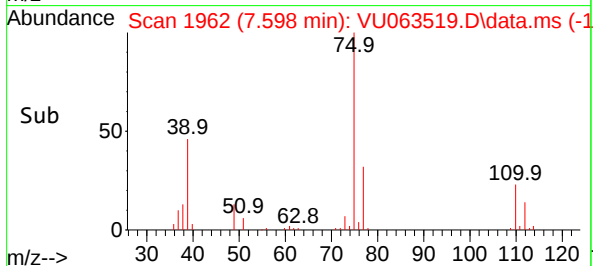
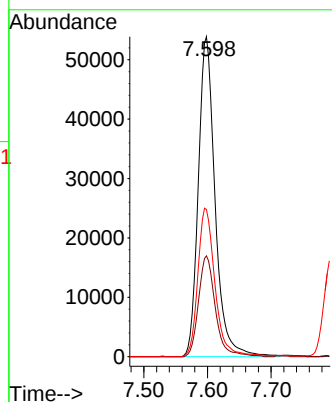
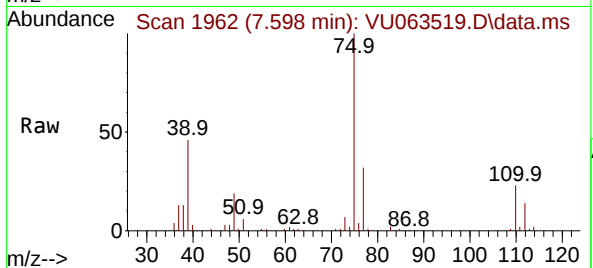
#51
 cis-1,3-Dichloropropene
 Concen: 10.590 ug/l
 RT: 7.598 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU063519.D
 Acq: 17 Jul 2025 09:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 75 Resp: 9878
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.1 37.7
 39 46.0 37.8 56.6

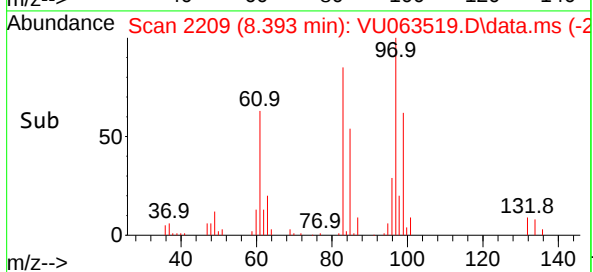
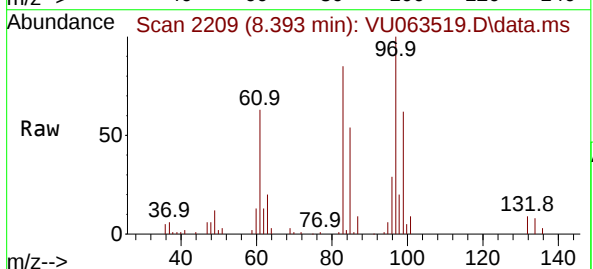
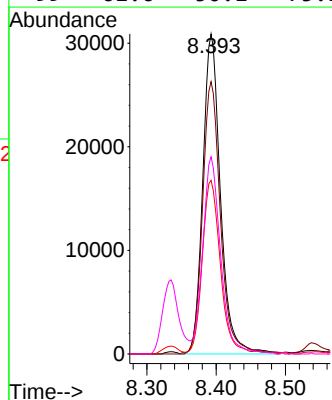
Manual Integrations
 APPROVED

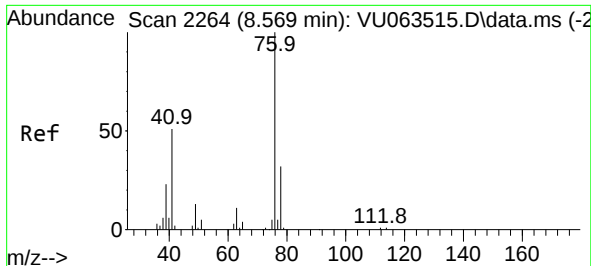
Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025



#52
 1,1,2-Trichloroethane
 Concen: 10.365 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.000 min
 Lab File: VU063519.D
 Acq: 17 Jul 2025 09:25

Tgt Ion: 97 Resp: 54808
 Ion Ratio Lower Upper
 97 100
 83 85.1 70.2 105.2
 85 53.8 45.2 67.8
 99 61.6 50.1 75.1





#53

1,3-Dichloropropane

Concen: 10.044 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063519.D

Acq: 17 Jul 2025 09:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 76 Resp: 91688

Ion Ratio Lower Upper

76 100

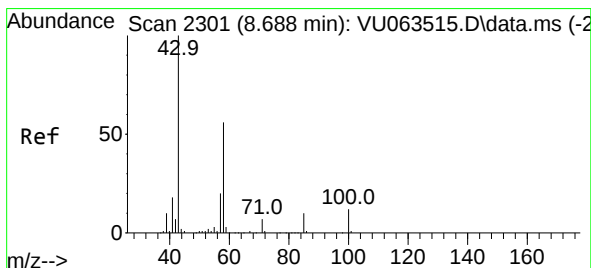
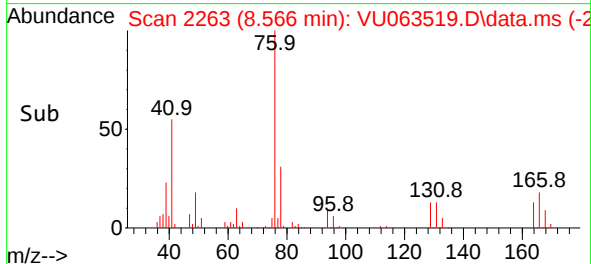
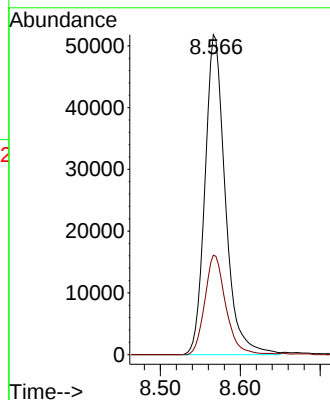
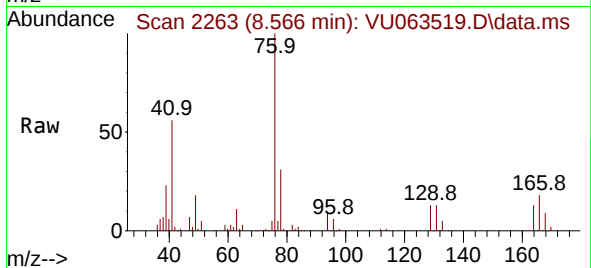
78 31.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#54

2-Hexanone

Concen: 60.570 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. -0.003 min

Lab File: VU063519.D

Acq: 17 Jul 2025 09:25

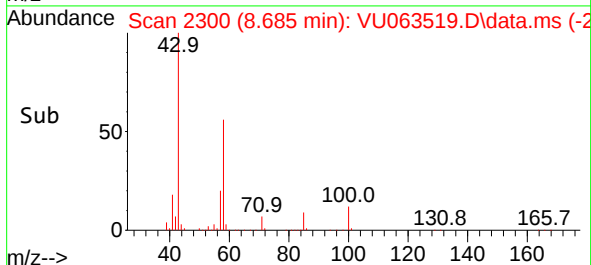
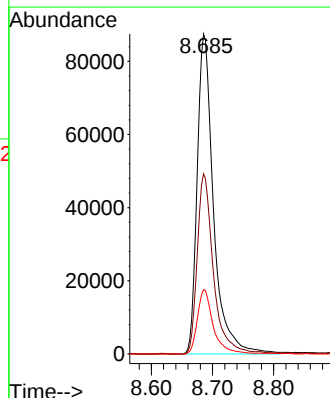
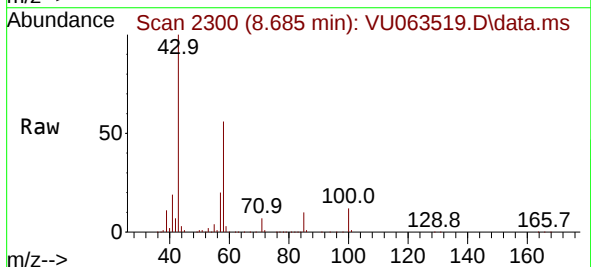
Tgt Ion: 43 Resp: 162869

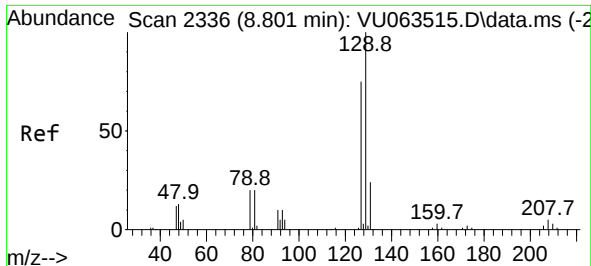
Ion Ratio Lower Upper

43 100

58 55.1 34.8 74.8

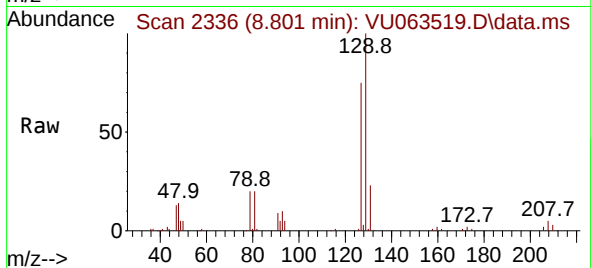
57 19.4 0.0 39.5





#55
Dibromochloromethane
Concen: 11.250 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

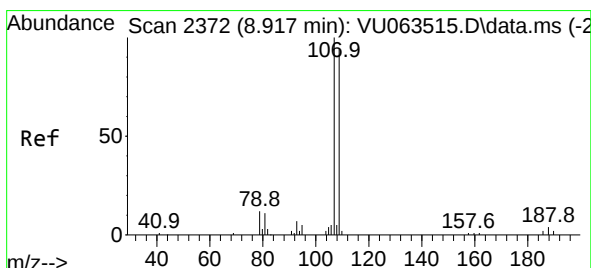
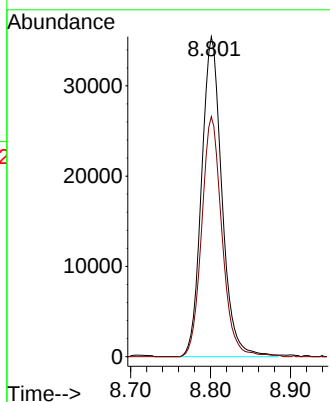
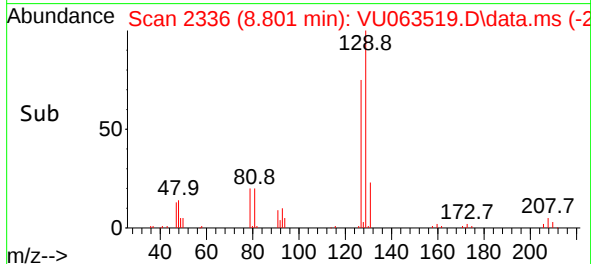
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



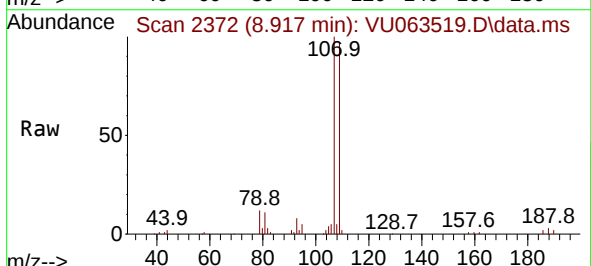
Tgt Ion:129 Resp: 62870
Ion Ratio Lower Upper
129 100
127 74.7 60.1 90.1

Manual Integrations
APPROVED

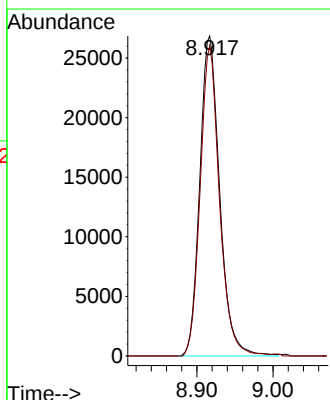
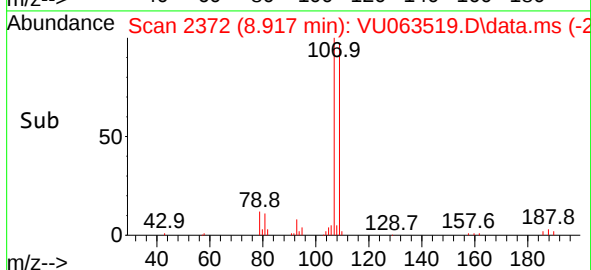
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

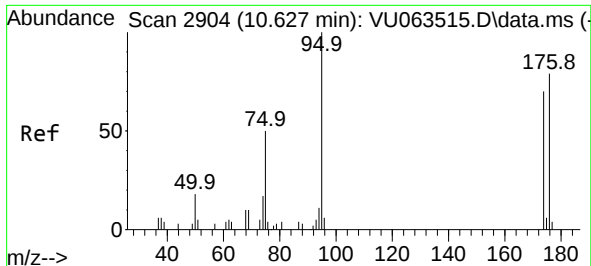


#56
1,2-Dibromoethane
Concen: 10.326 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25



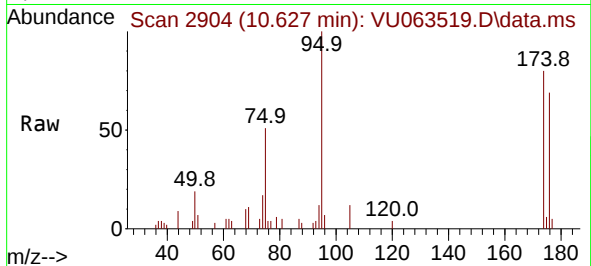
Tgt Ion:107 Resp: 48870
Ion Ratio Lower Upper
107 100
109 93.8 0.0 186.4





#57
4-Bromofluorobenzene
Concen: 0.965 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

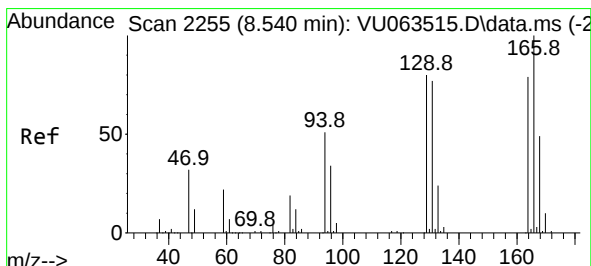
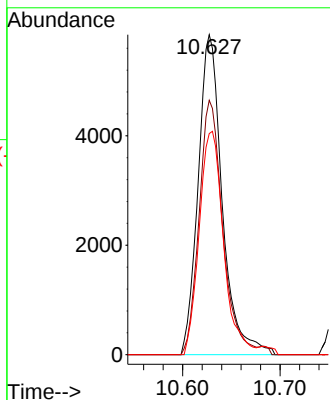
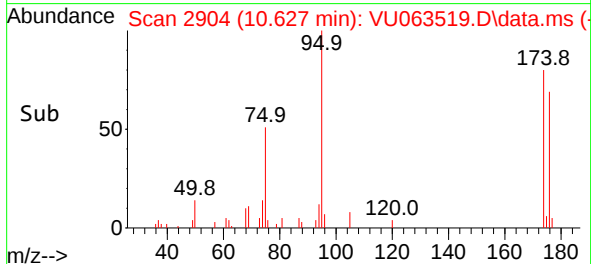
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



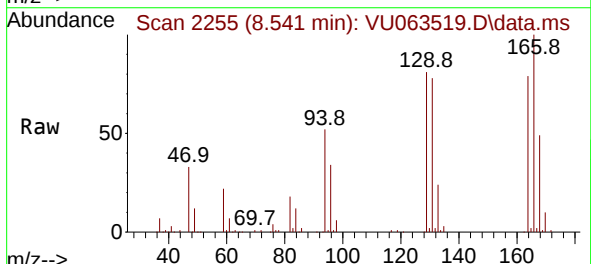
Tgt Ion: 95 Resp: 10050
Ion Ratio Lower Upper
95 100
174 77.8 59.8 89.8
176 70.5 61.8 92.8

Manual Integrations
APPROVED

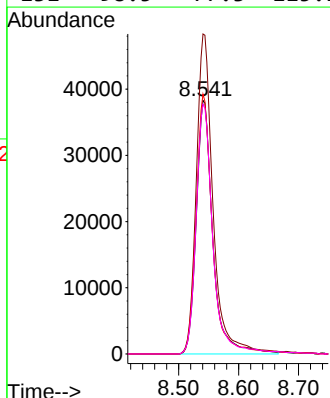
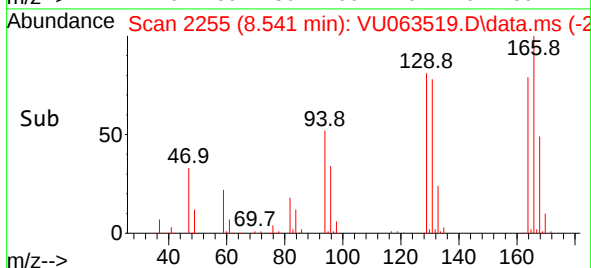
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

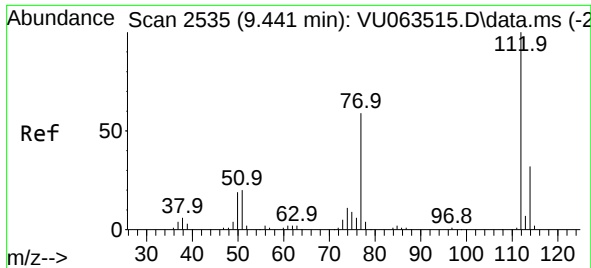


#58
Tetrachloroethene
Concen: 9.712 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25



Tgt Ion:164 Resp: 73468
Ion Ratio Lower Upper
164 100
166 126.2 100.7 151.1
129 102.5 80.6 120.8
131 98.5 77.3 115.9





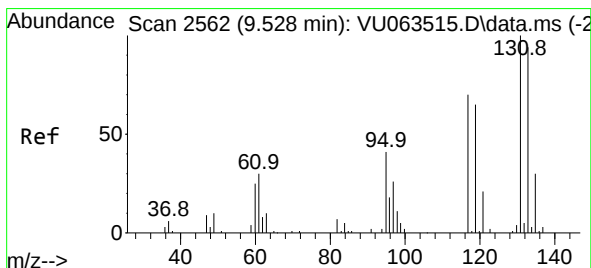
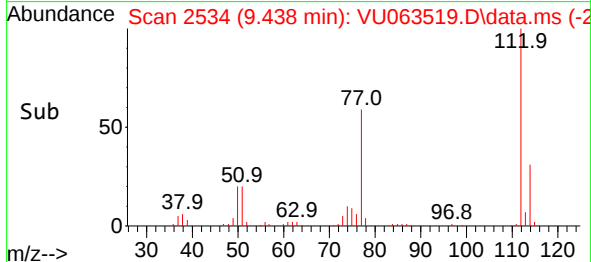
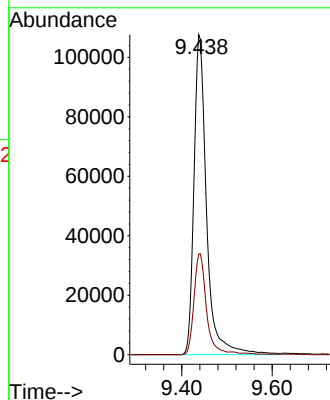
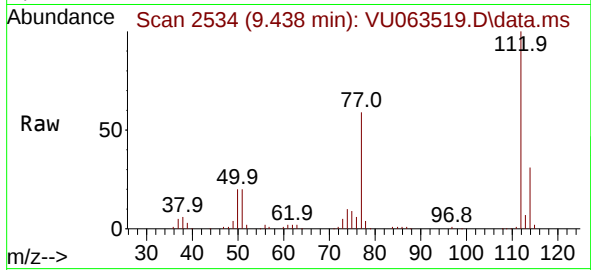
#59
Chlorobenzene
Concen: 10.255 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 20833
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2

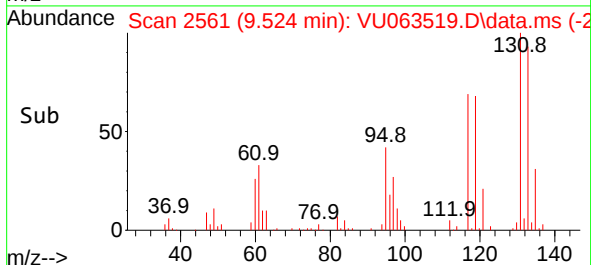
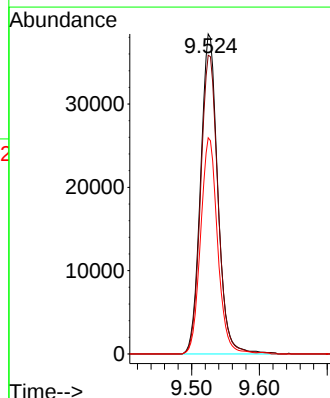
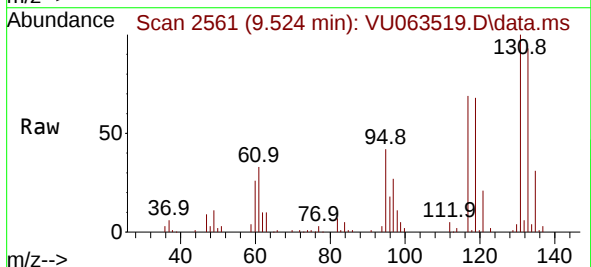
Manual Integrations
APPROVED

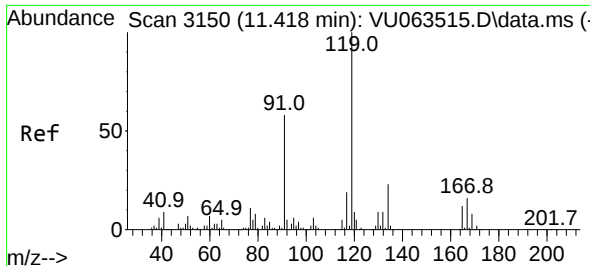
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 10.370 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

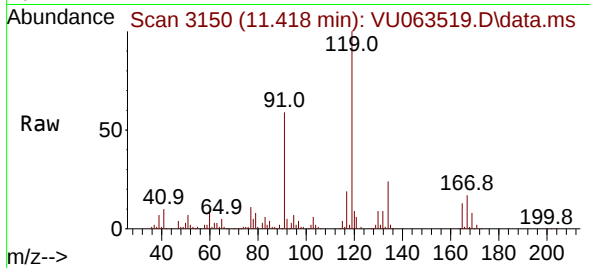
Tgt Ion:131 Resp: 67746
Ion Ratio Lower Upper
131 100
133 94.1 74.7 112.1
119 66.7 53.0 79.4





#61
Pentachloroethane
Concen: 10.774 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

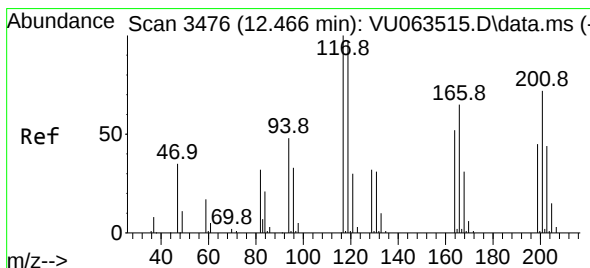
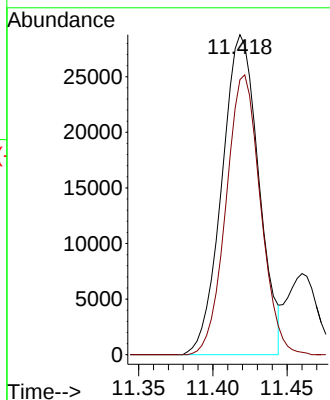
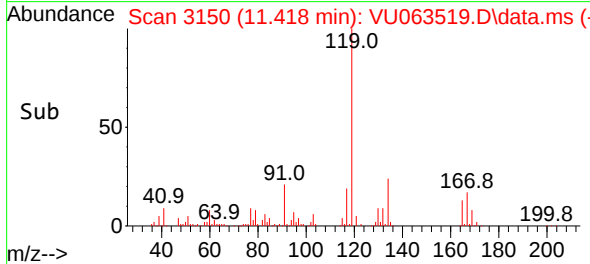
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 49738
Ion Ratio Lower Upper
117 100
167 81.7 65.0 97.6

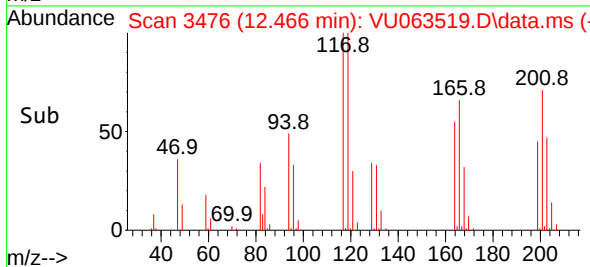
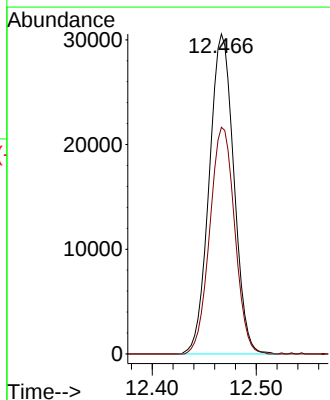
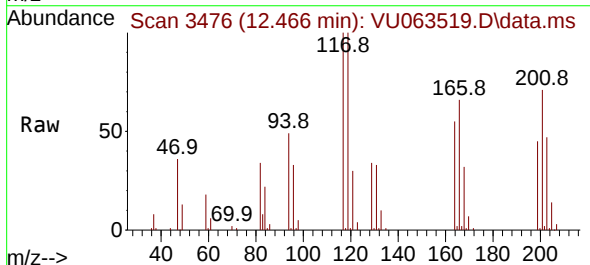
Manual Integrations
APPROVED

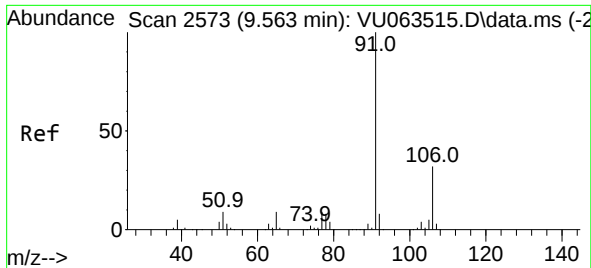
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#62
Hexachloroethane
Concen: 11.016 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

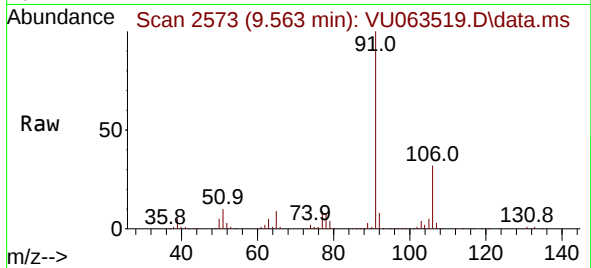
Tgt Ion:117 Resp: 50359
Ion Ratio Lower Upper
117 100
201 71.6 57.4 86.0





#63
Ethyl Benzene
Concen: 10.146 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

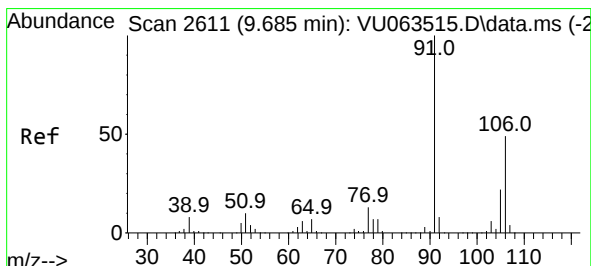
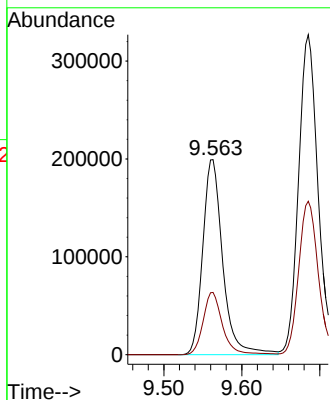
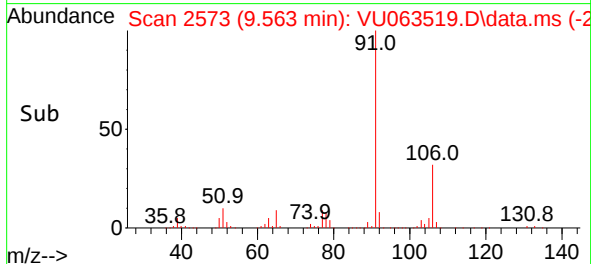
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



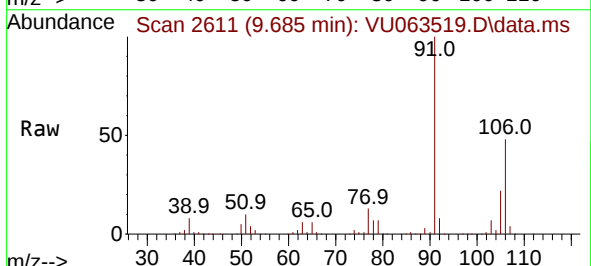
Tgt Ion: 91 Resp: 354702
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.0

Manual Integrations
APPROVED

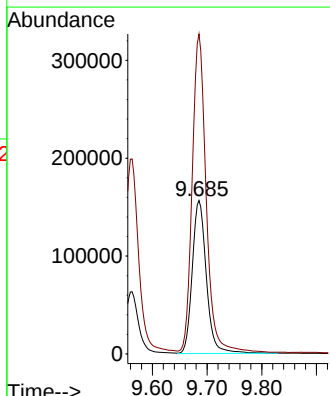
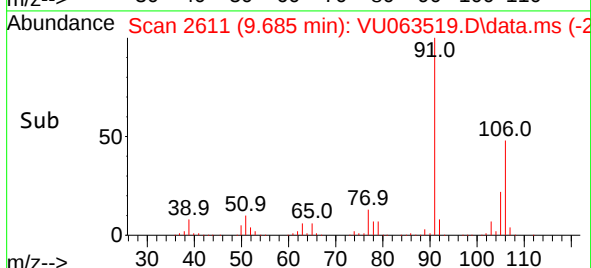
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

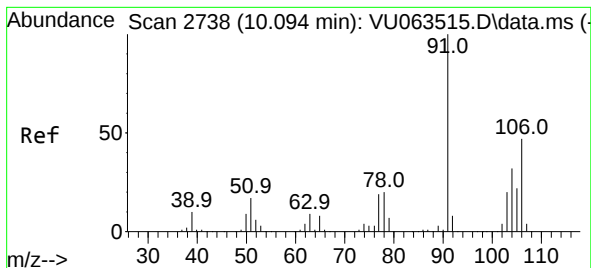


#64
m/p-Xylenes
Concen: 20.632 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25



Tgt Ion:106 Resp: 280366
Ion Ratio Lower Upper
106 100
91 206.6 163.6 245.4





#65

o-Xylene

Concen: 10.509 ug/l

RT: 10.090 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063519.D

Acq: 17 Jul 2025 09:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:106 Resp: 137219

Ion Ratio Lower Upper

106 100

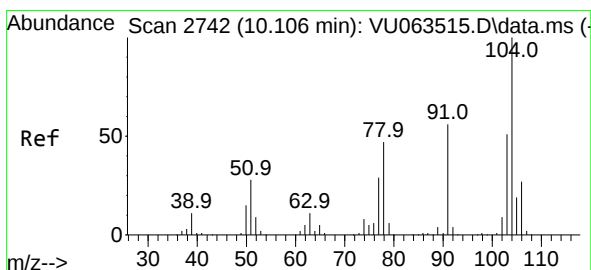
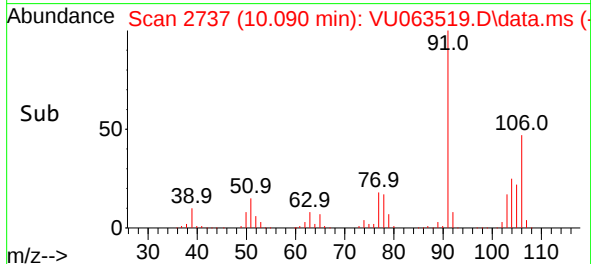
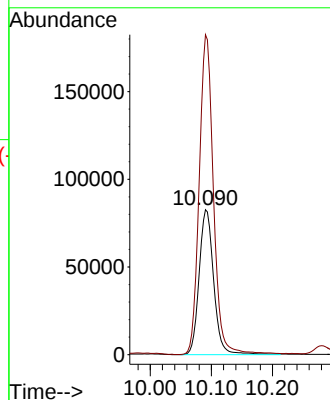
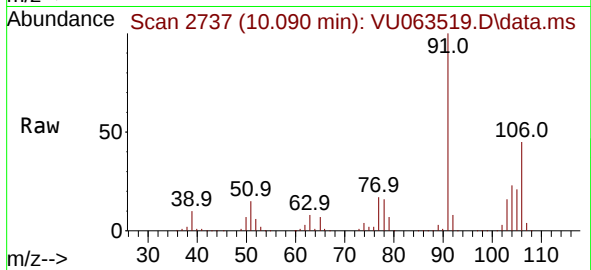
91 215.4 108.1 324.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#66

Styrene

Concen: 10.792 ug/l

RT: 10.106 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU063519.D

Acq: 17 Jul 2025 09:25

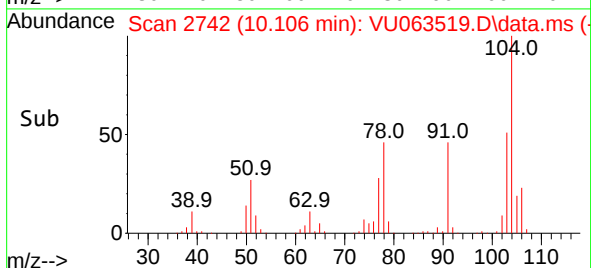
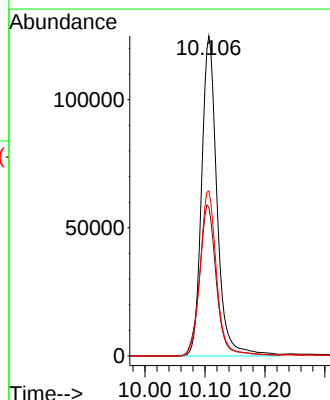
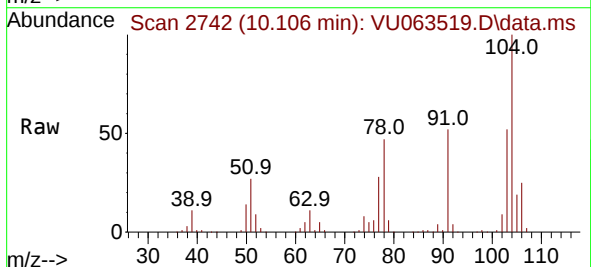
Tgt Ion:104 Resp: 224585

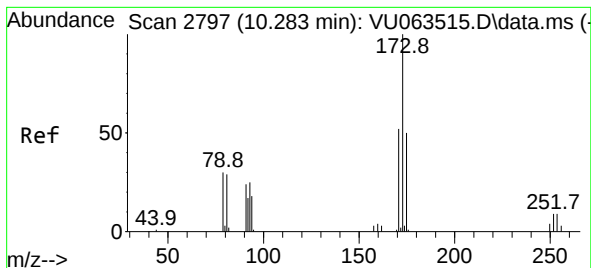
Ion Ratio Lower Upper

104 100

78 51.7 41.3 61.9

103 55.1 43.6 65.4





#67

Bromoform

Concen: 11.101 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063519.D

Acq: 17 Jul 2025 09:25

Instrument :

MSVOA_U

ClientSampleId :

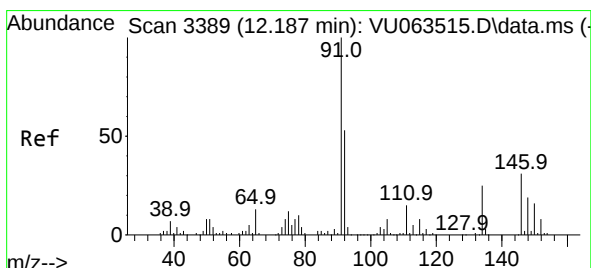
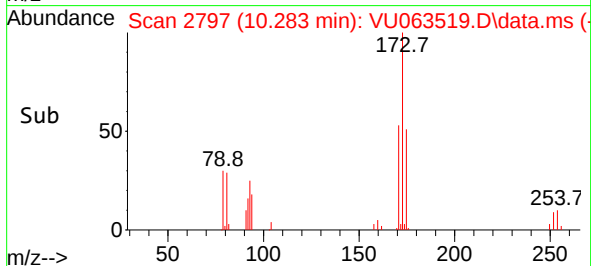
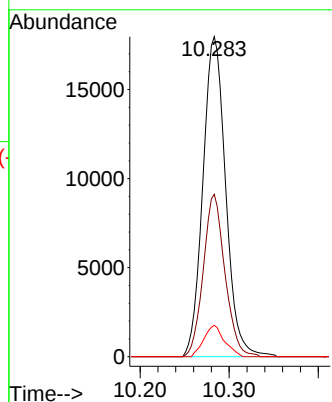
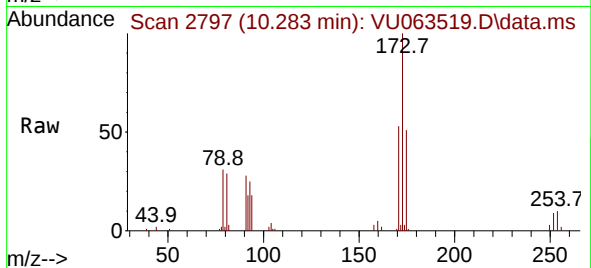
VSTDCCC010

Tgt Ion:	173	Resp:	3186
Ion Ratio	Lower	Upper	
173	100		
175	48.2	39.0	58.4
254	8.8	6.5	9.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#68

1,2-Dichlorobenzene-d4

Concen: 0.968 ug/l

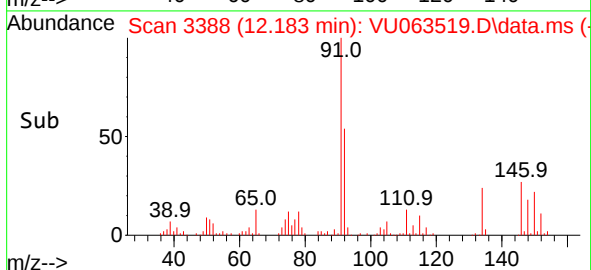
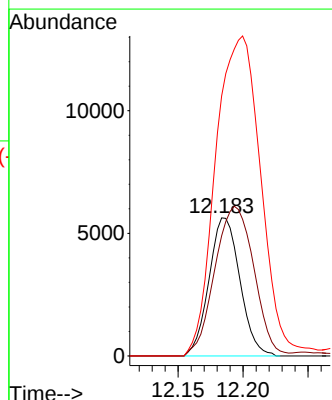
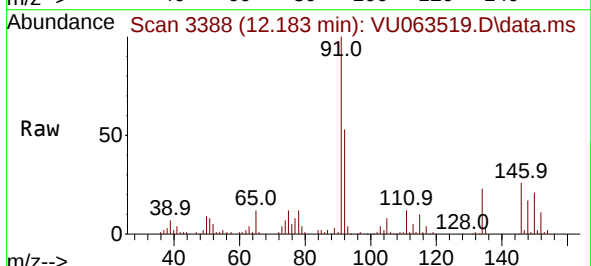
RT: 12.183 min Scan# 3388

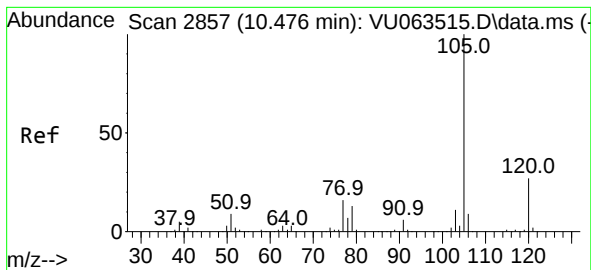
Delta R.T. -0.003 min

Lab File: VU063519.D

Acq: 17 Jul 2025 09:25

Tgt Ion:	152	Resp:	9321
Ion Ratio	Lower	Upper	
152	100		
115	136.9	0.0	262.2
150	338.6	0.0	651.2





#69

Isopropylbenzene

Concen: 10.511 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU063519.D

Acq: 17 Jul 2025 09:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 331800

Ion Ratio Lower Upper

105 100

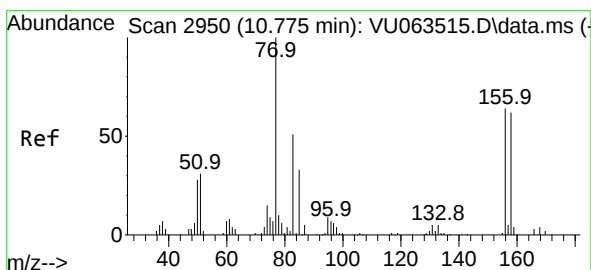
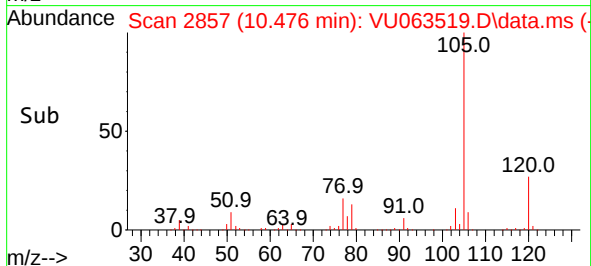
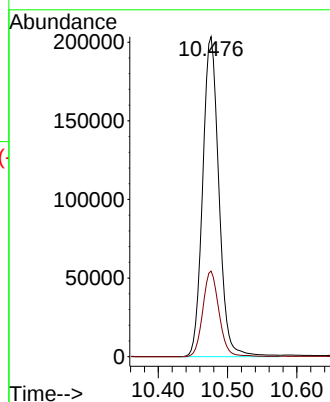
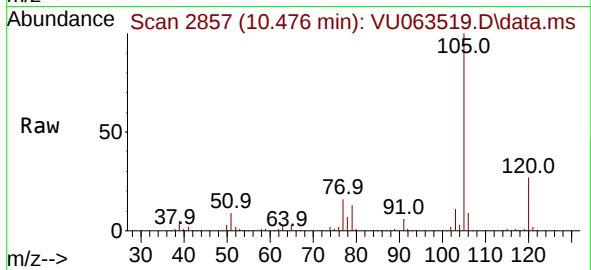
120 26.7 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 10.472 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU063519.D

Acq: 17 Jul 2025 09:25

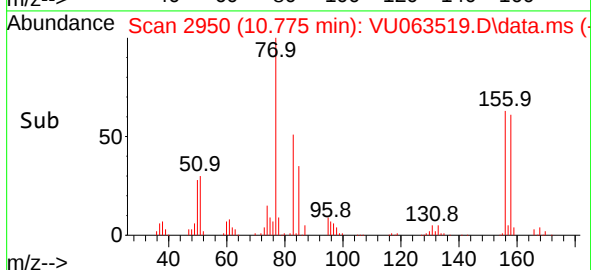
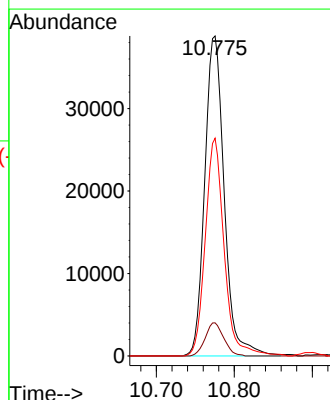
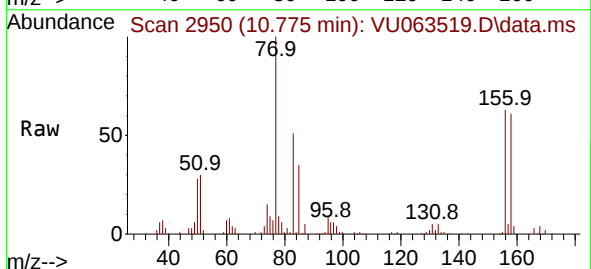
Tgt Ion: 83 Resp: 67383

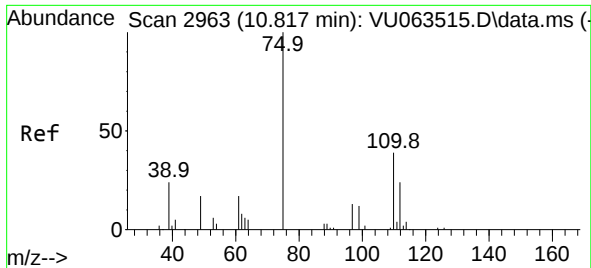
Ion Ratio Lower Upper

83 100

131 9.8 8.4 12.6

85 66.0 51.9 77.9





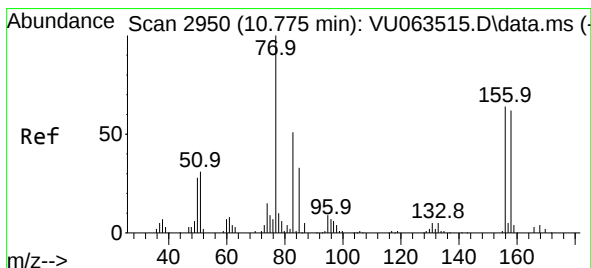
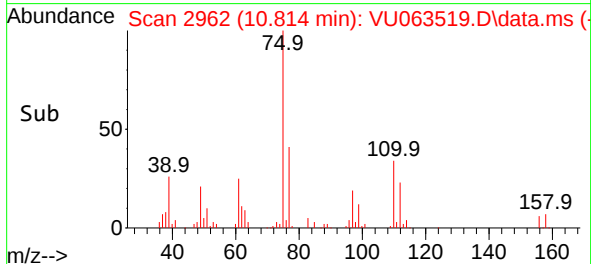
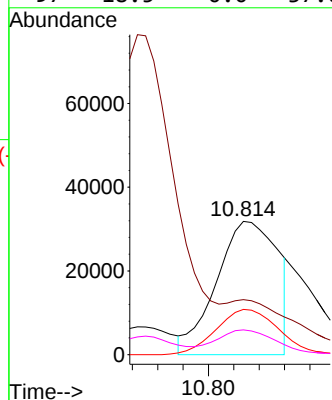
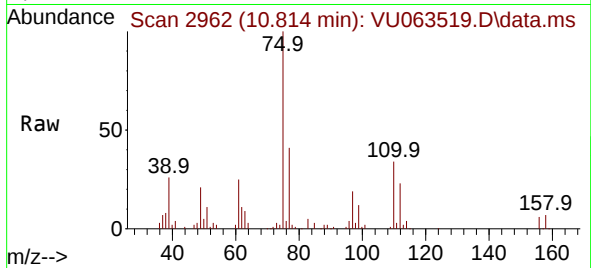
#71
1,2,3-Trichloropropane
Concen: 10.239 ug/l m
RT: 10.814 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 53509
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 34.9 0.0 73.2
97 18.5 0.0 37.6

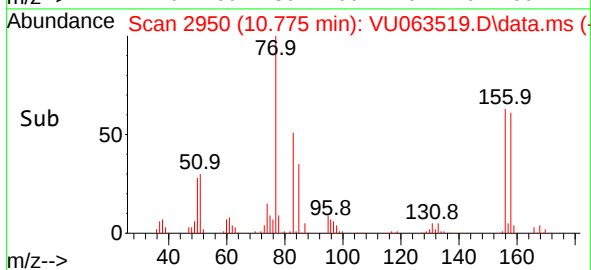
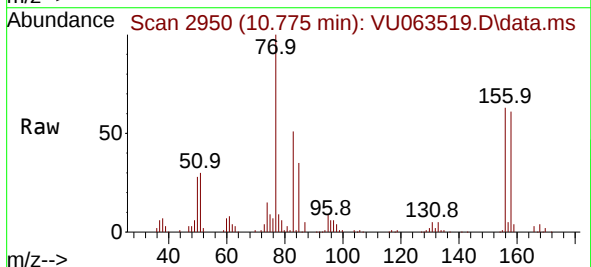
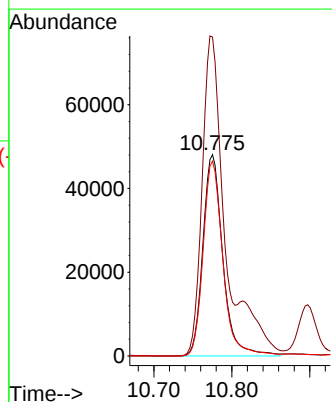
Manual Integrations
APPROVED

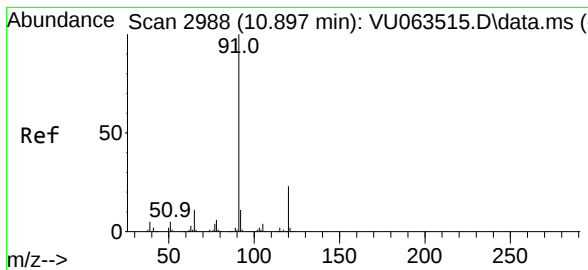
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#72
Bromobenzene
Concen: 10.490 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

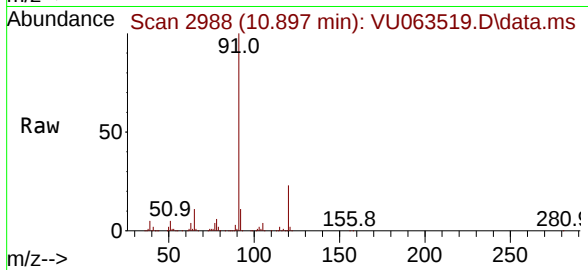
Tgt Ion:156 Resp: 85460
Ion Ratio Lower Upper
156 100
77 155.6 0.0 315.2
158 95.5 0.0 195.4





#73
n-propylbenzene
Concen: 10.559 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

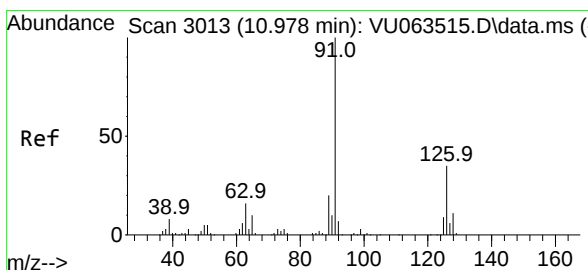
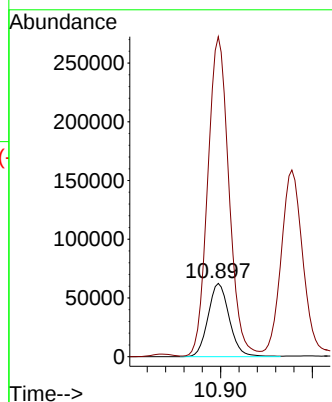
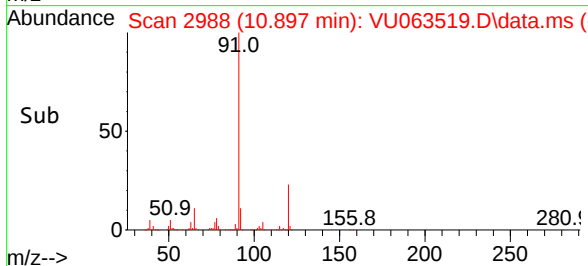
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:120 Resp: 100342
Ion Ratio Lower Upper
120 100
91 434.4 343.1 514.7

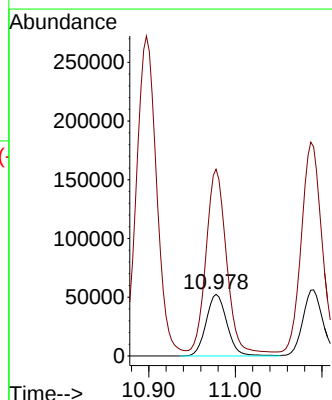
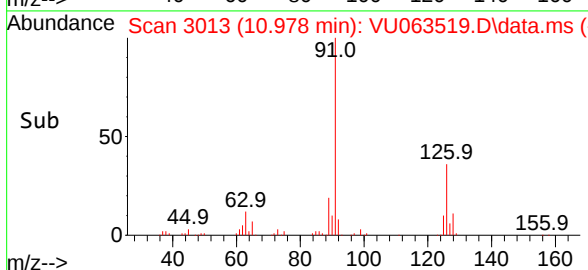
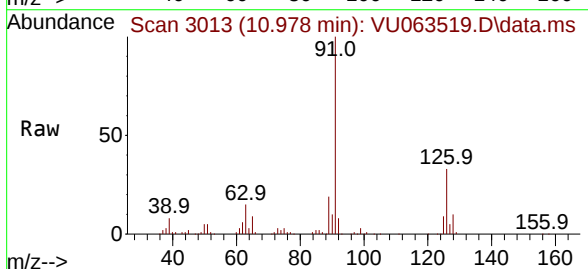
Manual Integrations
APPROVED

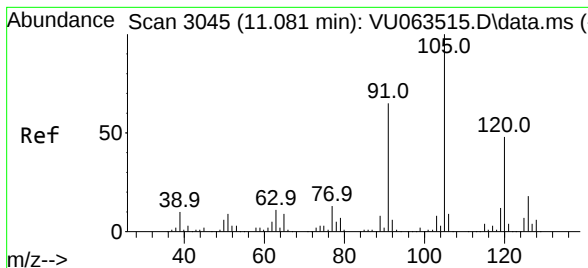
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#74
2-Chlorotoluene
Concen: 10.457 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

Tgt Ion:126 Resp: 87826
Ion Ratio Lower Upper
126 100
91 300.6 0.0 606.0





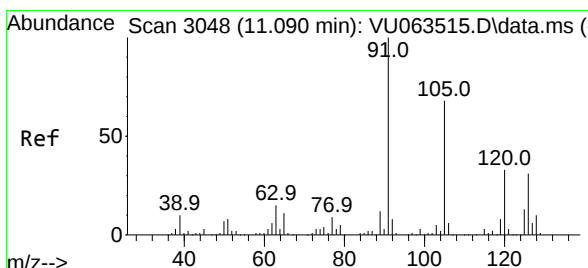
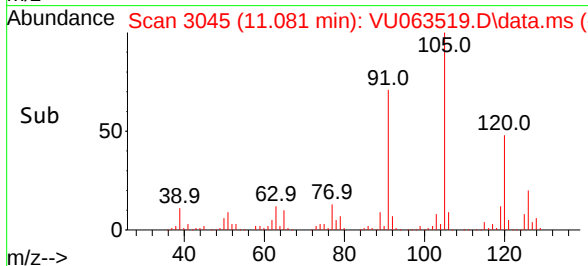
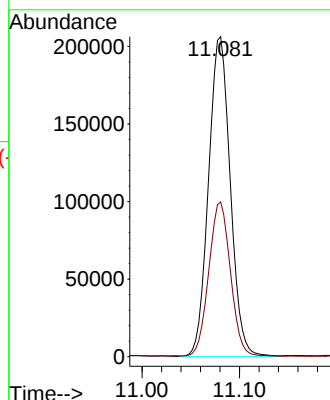
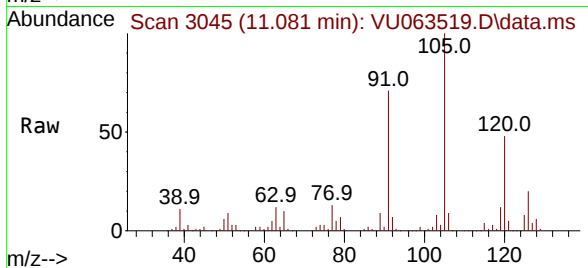
#75
1,3,5-Trimethylbenzene
Concen: 10.596 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 319519
Ion Ratio Lower Upper
105 100
120 47.9 37.8 56.8

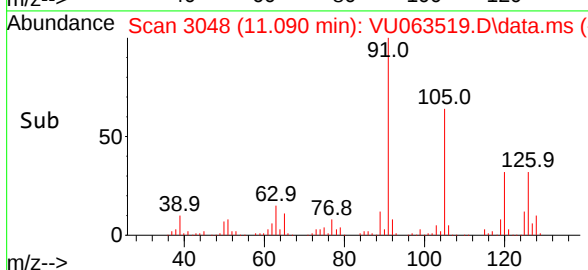
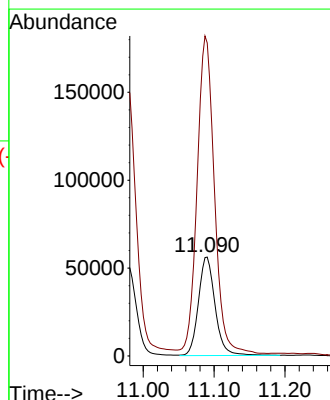
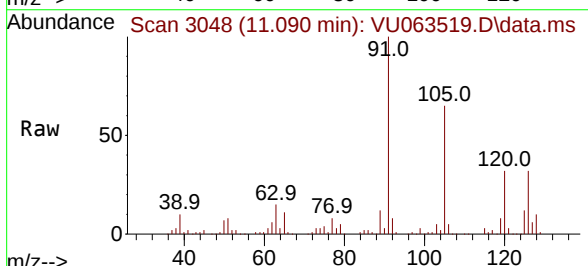
Manual Integrations
APPROVED

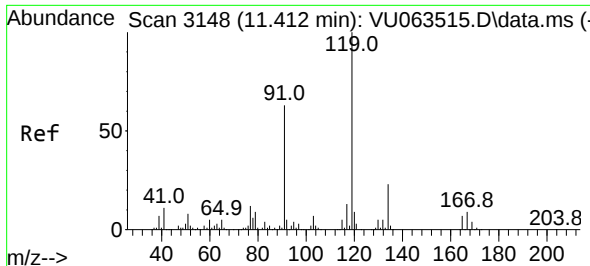
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#76
4-Chlorotoluene
Concen: 10.731 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

Tgt Ion:126 Resp: 91522
Ion Ratio Lower Upper
126 100
91 333.4 0.0 682.2





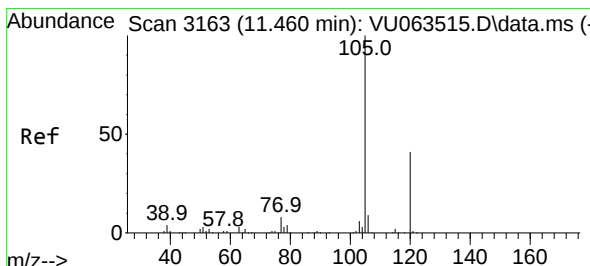
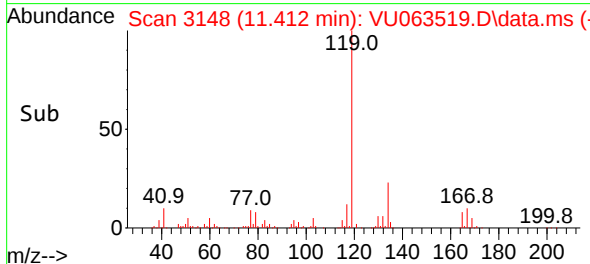
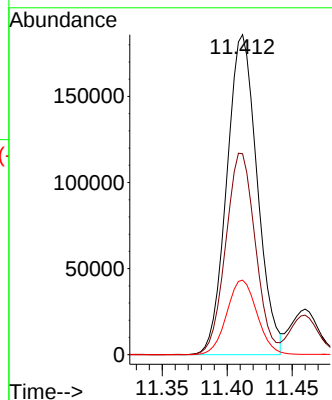
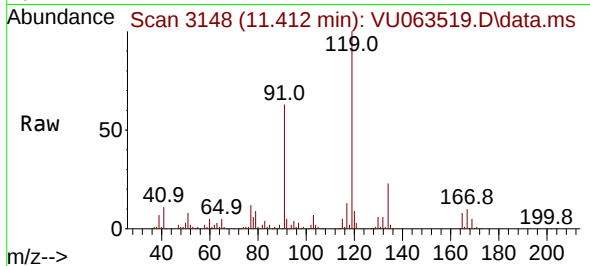
#77
tert-Butylbenzene
Concen: 10.518 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 30311
Ion Ratio Lower Upper
119 100
91 61.4 30.7 92.1
134 23.2 18.5 27.7

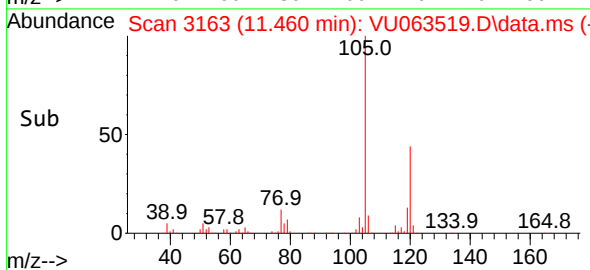
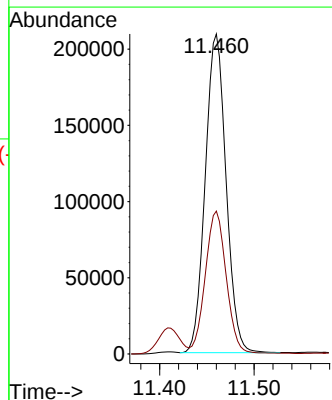
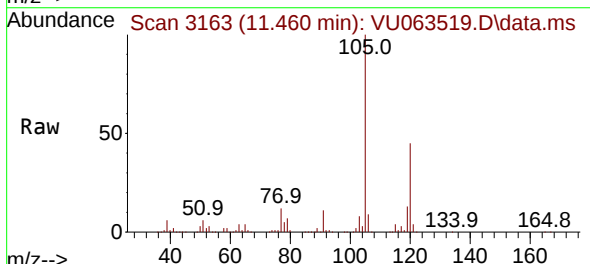
Manual Integrations
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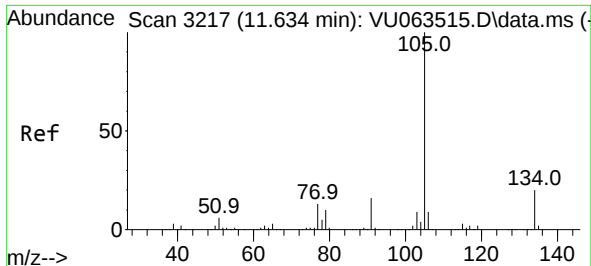
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#78
1,2,4-Trimethylbenzene
Concen: 10.690 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

Tgt Ion:105 Resp: 319824
Ion Ratio Lower Upper
105 100
120 45.1 22.7 68.0





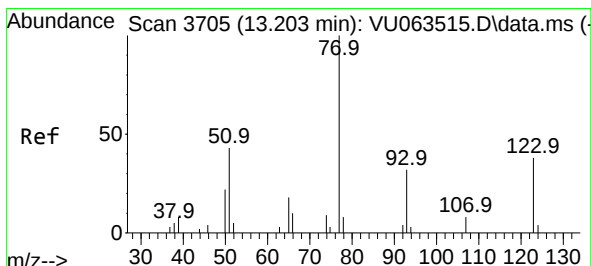
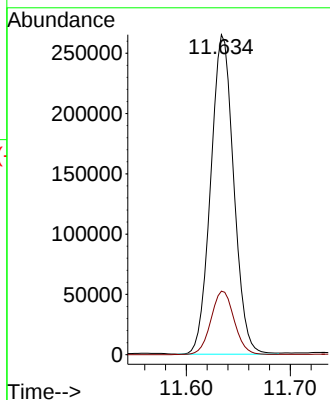
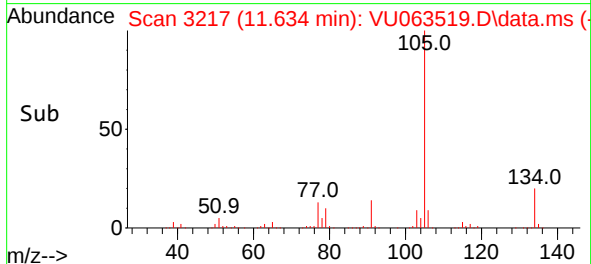
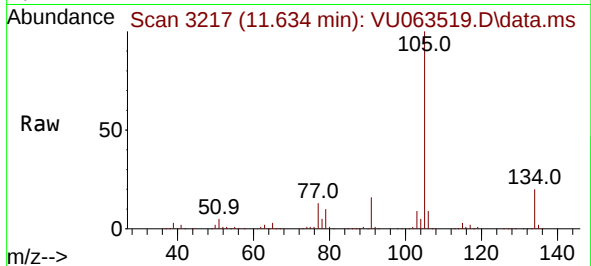
#79
 sec-Butylbenzene
 Concen: 10.493 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. 0.000 min
 Lab File: VU063519.D
 Acq: 17 Jul 2025 09:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:105 Resp: 40780
 Ion Ratio Lower Upper
 105 100
 134 20.2 16.2 24.4

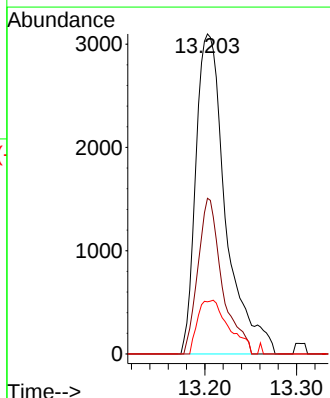
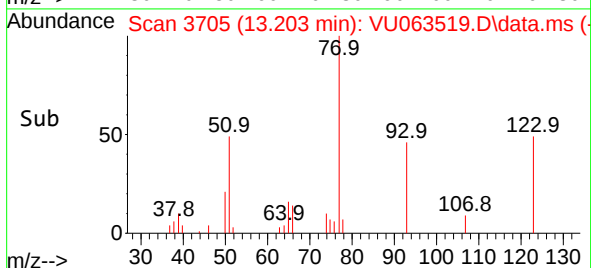
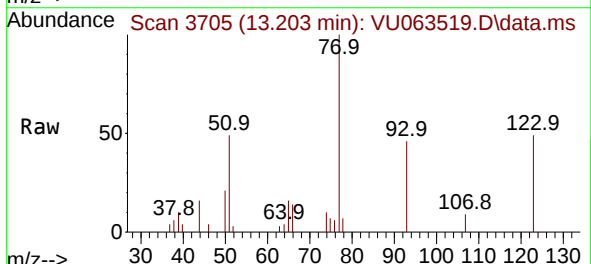
Manual Integrations
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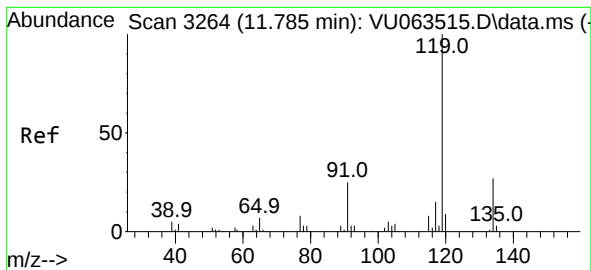
Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025



#80
 Nitrobenzene
 Concen: 48.829 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.000 min
 Lab File: VU063519.D
 Acq: 17 Jul 2025 09:25

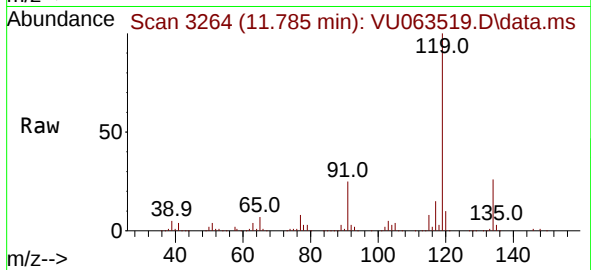
Tgt Ion: 77 Resp: 6990
 Ion Ratio Lower Upper
 77 100
 123 39.6 16.9 59.7
 65 17.5 16.5 20.9





#81
p-Isopropyltoluene
Concen: 10.712 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

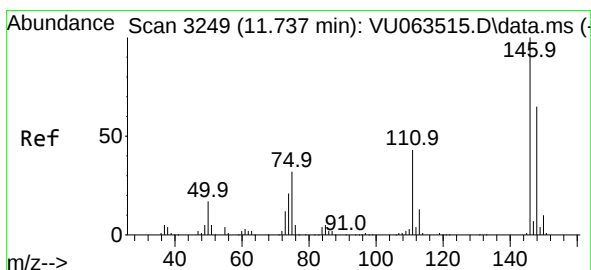
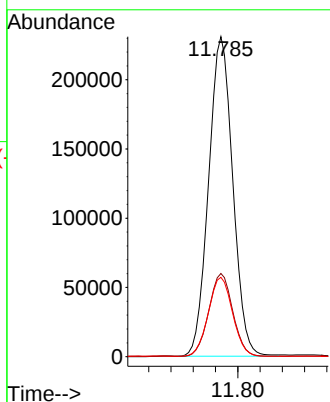
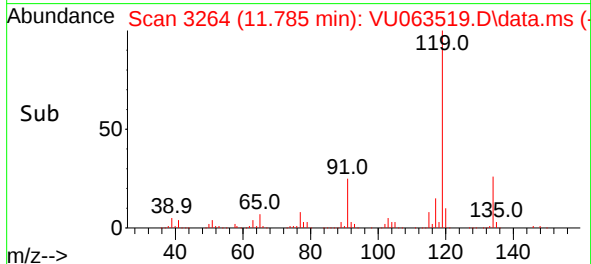
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



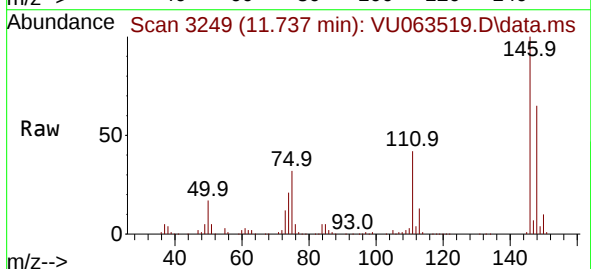
Tgt Ion:119 Resp: 34753
Ion Ratio Lower Upper
119 100
134 25.7 21.1 31.7
91 24.7 19.8 29.8

Manual Integrations
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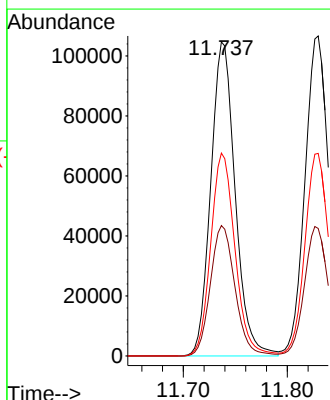
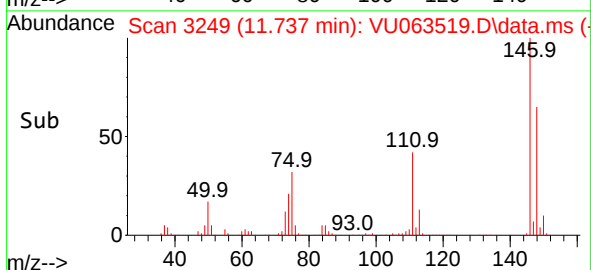
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

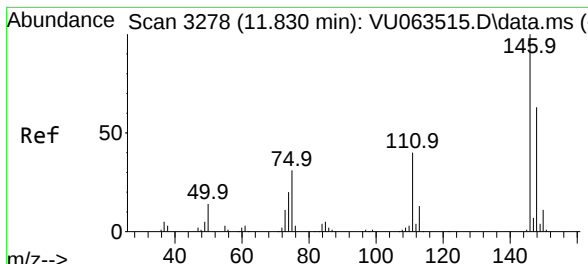


#82
1,3-Dichlorobenzene
Concen: 10.490 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25



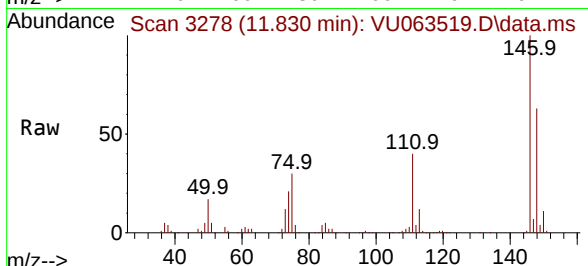
Tgt Ion:146 Resp: 170997
Ion Ratio Lower Upper
146 100
111 41.8 33.8 50.6
148 64.3 51.5 77.3





#83
1,4-Dichlorobenzene
Concen: 10.541 ug/l
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

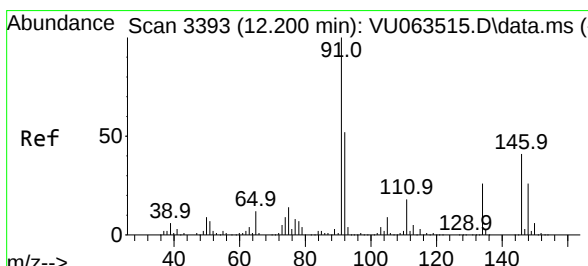
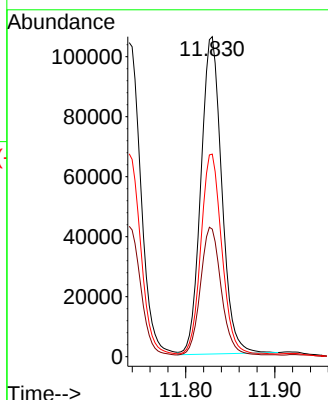
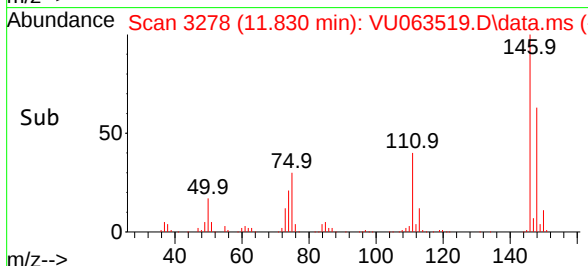
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



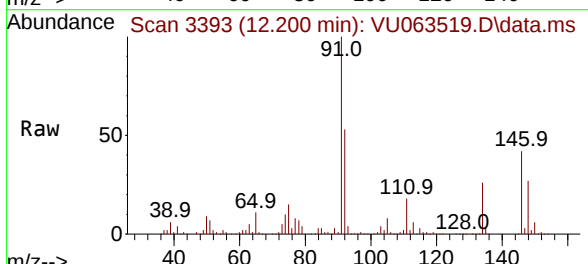
Tgt Ion:146 Resp: 17199
Ion Ratio Lower Upper
146 100
111 40.2 32.0 48.0
148 63.7 50.2 75.2

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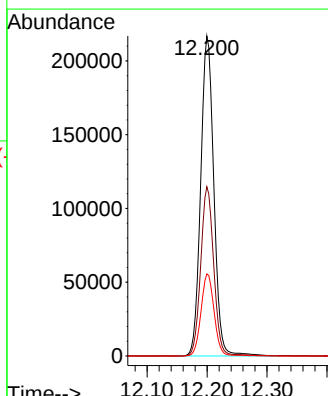
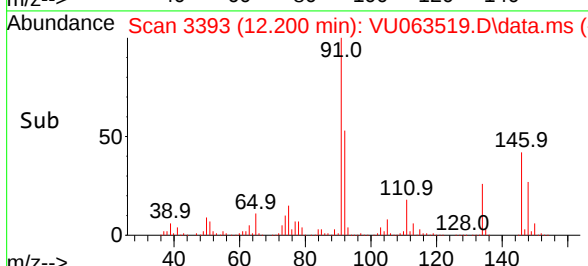
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

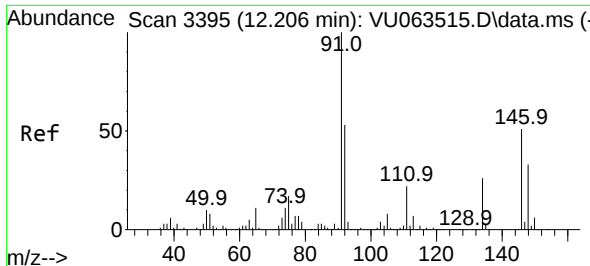


#84
n-Butylbenzene
Concen: 11.026 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25



Tgt Ion: 91 Resp: 331771
Ion Ratio Lower Upper
91 100
92 52.0 41.5 62.3
134 25.6 20.6 30.8





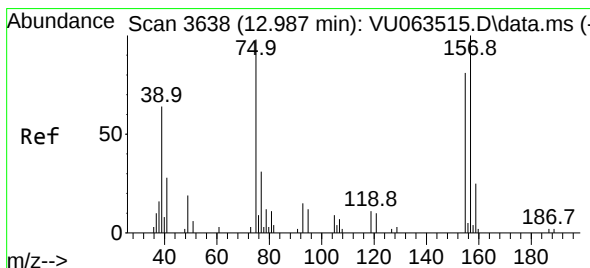
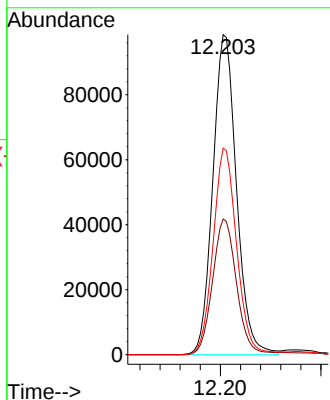
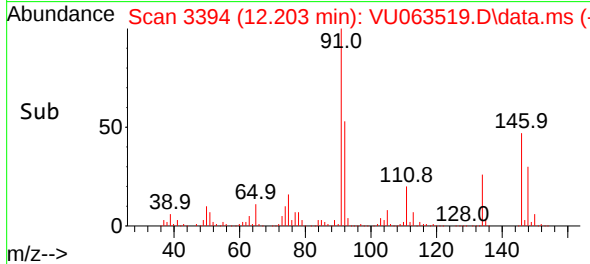
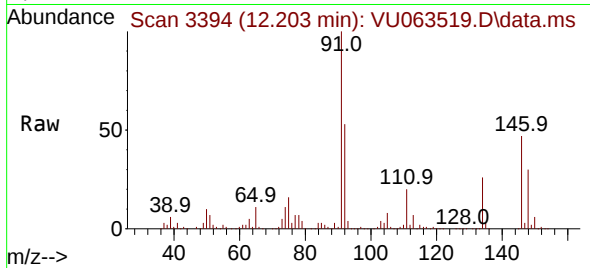
#85
1,2-Dichlorobenzene
Concen: 10.514 ug/l
RT: 12.203 min Scan# 3395
Delta R.T. -0.003 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 161014
Ion Ratio Lower Upper
146 100
111 42.8 21.7 65.1
148 64.1 31.8 95.3

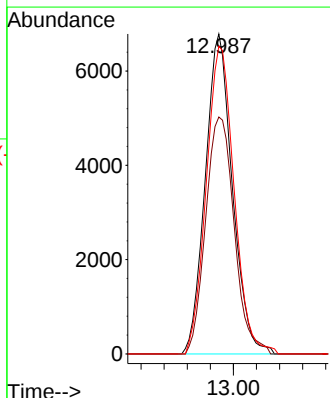
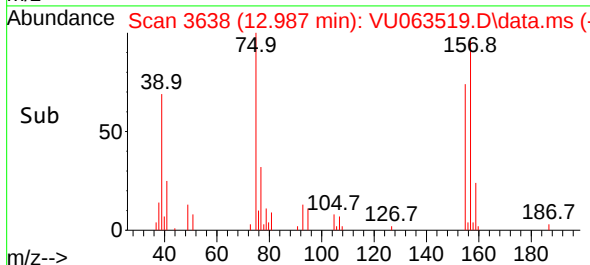
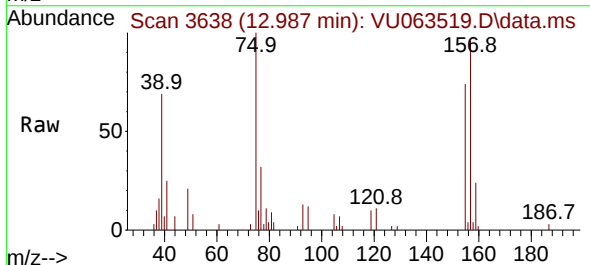
Manual Integrations
APPROVED

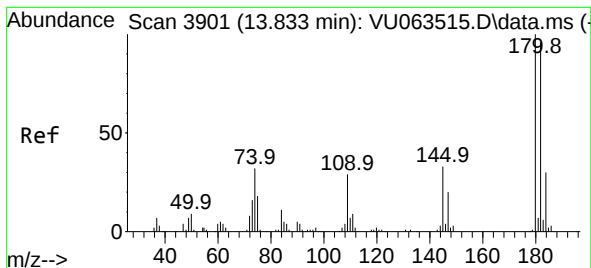
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 10.149 ug/l
RT: 12.987 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

Tgt Ion: 75 Resp: 11077
Ion Ratio Lower Upper
75 100
155 78.1 65.8 98.6
157 98.7 81.4 122.2





#87

1,2,4-Trichlorobenzene

Concen: 11.013 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU063519.D

Acq: 17 Jul 2025 09:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

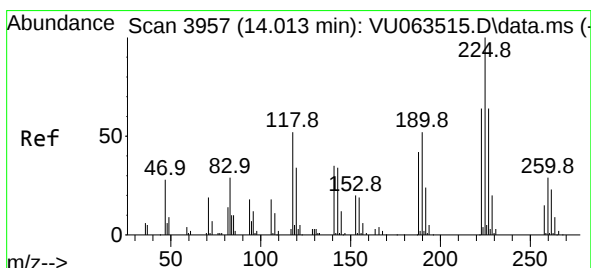
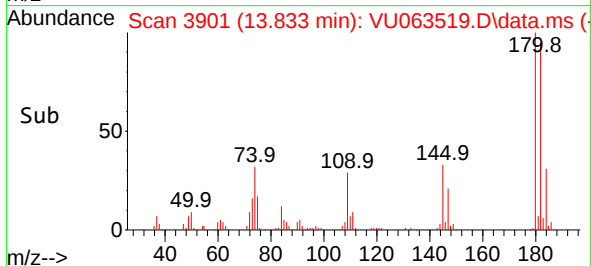
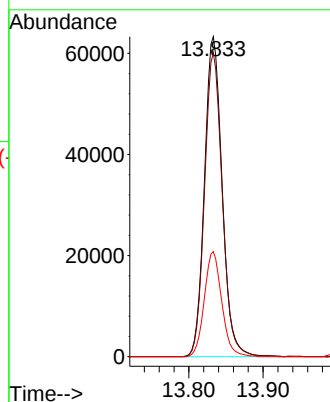
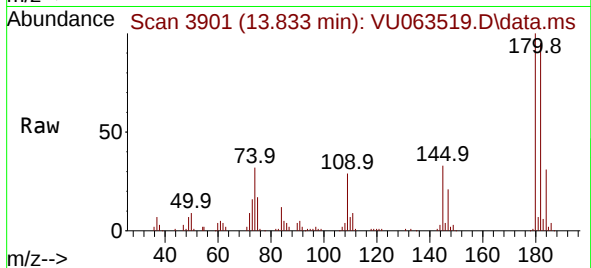
Tgt Ion:180 Resp: 104878

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.2	114.4
145	32.4	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#88

Hexachlorobutadiene

Concen: 10.464 ug/l

RT: 14.013 min Scan# 3957

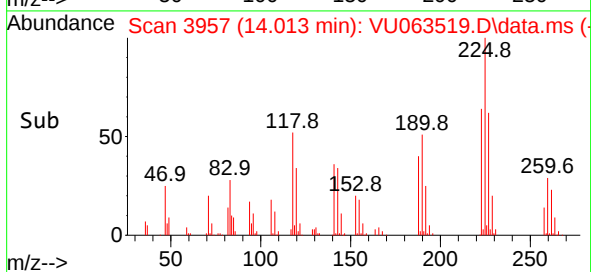
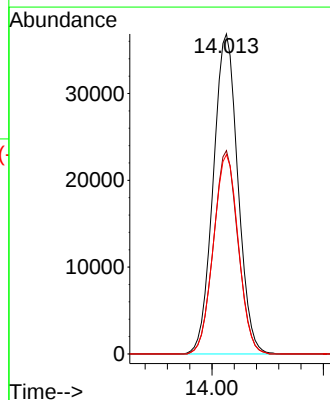
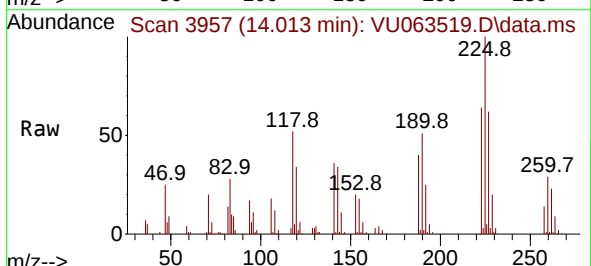
Delta R.T. 0.000 min

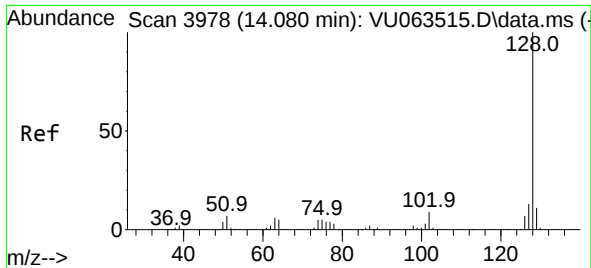
Lab File: VU063519.D

Acq: 17 Jul 2025 09:25

Tgt Ion:225 Resp: 56592

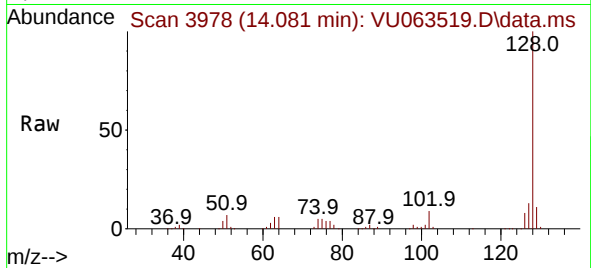
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.8	76.2
227	63.1	51.0	76.6





#89
Naphthalene
Concen: 11.071 ug/l
RT: 14.081 min Scan# 3978
Delta R.T. 0.001 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25

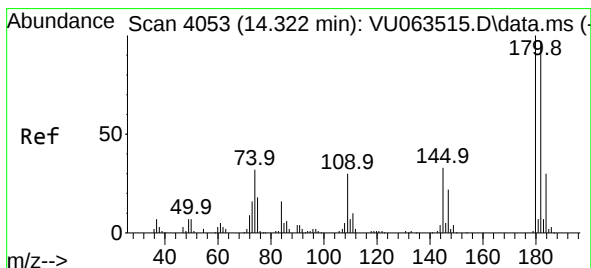
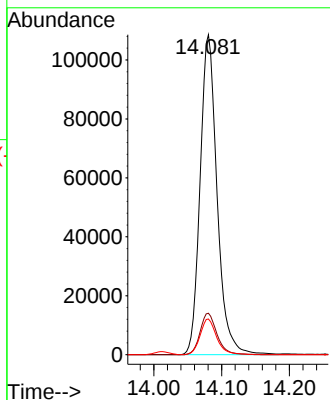
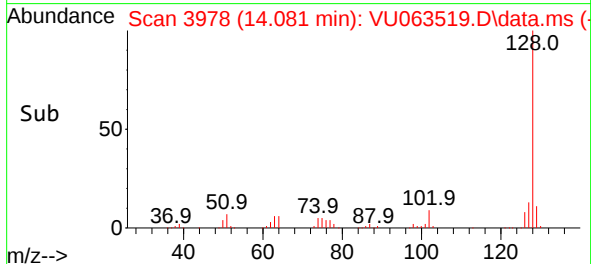
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



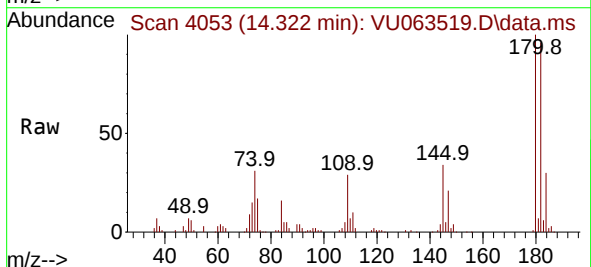
Tgt Ion:128 Resp: 188918
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#90
1,2,3-Trichlorobenzene
Concen: 11.161 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU063519.D
Acq: 17 Jul 2025 09:25



Tgt Ion:180 Resp: 98222
Ion Ratio Lower Upper
180 100
182 95.3 78.0 117.0
145 33.4 27.3 40.9

