

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071825\
 Data File : VU063532.D
 Acq On : 18 Jul 2025 09:11
 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 07/21/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025

Quant Time: Jul 18 23:43:58 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	6.097	96	22137	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.624	95	9400	1.121	ug/l	0.00
Spiked Amount 1.000			Recovery	=	112.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	8443	1.089	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	63177	9.679	ug/l	99
3) Chloromethane	1.518	50	59882	9.869	ug/l	99
4) Vinyl Chloride	1.596	62	75063	9.713	ug/l	99
5) Bromomethane	1.843	94	56979	9.778	ug/l	99
6) Chloroethane	1.924	64	46809	10.032	ug/l	100
7) Trichlorofluoromethane	2.126	101	112398	10.130	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	59594	10.278	ug/l	99
9) 1,1-Dichloroethene	2.567	96	57624	10.027	ug/l	99
10) Iodomethane	2.708	142	73635	8.700	ug/l	99
11) Allyl Chloride	2.907	41	83570	10.065	ug/l	99
12) Acrylonitrile	3.303	53	29248	20.347	ug/l	98
13) Acetone	2.615	43	99900	86.744	ug/l	99
14) Carbon Disulfide	2.779	76	165060	8.892	ug/l	99
15) Methylene Chloride	3.026	84	67208	9.932	ug/l	99
16) trans-1,2-Dichloroethene	3.335	96	64633	9.902	ug/l	98
17) 1,1-Dichloroethane	3.850	63	122501	10.126	ug/l	99
18) 2-Butanone	4.708	43	119694	67.111	ug/l	100
19) Cyclohexane	5.361	56	102519	10.008	ug/l	99
20) Methylcyclohexane	6.743	83	90134	9.053	ug/l	97
21) 2,2-Dichloropropane	4.644	77	102934	9.992	ug/l	99
22) cis-1,2-Dichloroethene	4.647	96	71370	10.076	ug/l	98
23) Diethyl Ether	2.367	59	45906	10.482	ug/l	99
24) tert-Butyl Alcohol	3.184	59	52532	99.368	ug/l	99
25) Methyl tert-Butyl Ether	3.358	73	155262	10.348	ug/l	100
26) Bromochloromethane	4.952	128	30399	10.279	ug/l	93
27) Chloroform	5.071	83	127644	10.340	ug/l	99
28) 1,1,1-Trichloroethane	5.293	97	107685	10.278	ug/l	100
29) 1,1-Dichloropropene	5.502	75	97809	10.077	ug/l	98
30) Carbon Tetrachloride	5.499	117	86562	10.264	ug/l	96
31) Isopropyl Ether	3.988	45	182312	9.983	ug/l	96
32) Ethyl-t-butyl ether	4.499	59	170978	10.117	ug/l	100
33) Tert-Amyl methyl ether	5.939	73	149469	10.191	ug/l	99
34) Propionitrile	4.772	54	26069	47.974	ug/l	97
35) Benzene	5.753	78	275788	10.575	ug/l	100
36) 1,2-Dichloroethane	5.779	62	86224	10.641	ug/l	99
37) Trichloroethene	6.525	130	59552	8.950	ug/l	96
38) 1,2-Dichloropropane	6.779	63	59104	9.683	ug/l	99
39) Methacrylonitrile	4.968	41	22645	9.375	ug/l	98
40) Methyl acrylate	4.843	55	34325	9.721	ug/l	98
41) Tetrahydrofuran	5.055	42	23866	18.783	ug/l	98
42) 1-Chlorobutane	5.438	56	133351	10.334	ug/l	100
43) Dibromomethane	6.904	93	31338	9.911	ug/l	95
44) Bromodichloromethane	7.094	83	69921	9.806	ug/l	97

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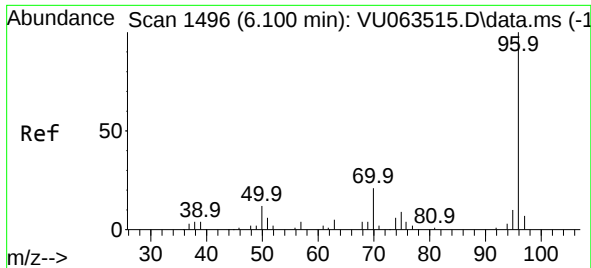
Manual Integrations
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Reviewed By :Mahesh Dadoda 07/21/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025

Quant Time: Jul 18 23:43:58 2025
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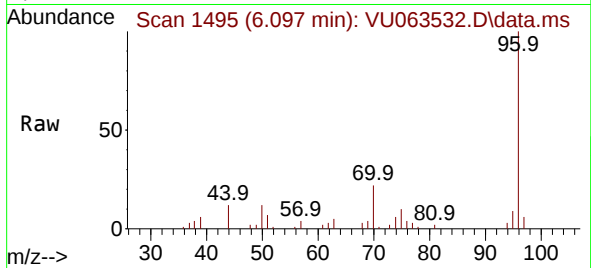
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	170568	52.342	ug/l	100
46) t-1,4-Dichloro-2-butene	10.820	75	24249m	19.823	ug/l	
47) Methyl methacrylate	6.962	69	54529	20.535	ug/l	97
48) Ethyl methacrylate	8.332	69	53751	10.607	ug/l	97
49) Toluene	7.959	92	145734	10.235	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	57571	10.291	ug/l	98
51) cis-1,3-Dichloropropene	7.599	75	75837	10.099	ug/l	98
52) 1,1,2-Trichloroethane	8.393	97	43960	10.327	ug/l	98
53) 1,3-Dichloropropane	8.566	76	75937	10.333	ug/l	99
54) 2-Hexanone	8.685	43	132800	61.353	ug/l	97
55) Dibromochloromethane	8.801	129	46798	10.403	ug/l	99
56) 1,2-Dibromoethane	8.917	107	39027	10.244	ug/l	99
58) Tetrachloroethene	8.541	164	58247	9.565	ug/l	97
59) Chlorobenzene	9.438	112	167611	10.249	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.525	131	52907	10.060	ug/l	98
61) Pentachloroethane	11.418	117	40119	10.796	ug/l	96
62) Hexachloroethane	12.467	117	39030	10.606	ug/l	99
63) Ethyl Benzene	9.560	91	289339	10.281	ug/l	100
64) m/p-Xylenes	9.685	106	228441	20.884	ug/l	98
65) o-Xylene	10.090	106	111689	10.626	ug/l	99
66) Styrene	10.107	104	182214	10.877	ug/l	99
67) Bromoform	10.283	173	22764	9.853	ug/l	99
69) Isopropylbenzene	10.476	105	271215	10.673	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	55200	10.657	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	42901m	10.198	ug/l	
72) Bromobenzene	10.775	156	67162	10.241	ug/l	95
73) n-propylbenzene	10.898	120	83463	10.911	ug/l	99
74) 2-Chlorotoluene	10.978	126	71241	10.538	ug/l	99
75) 1,3,5-Trimethylbenzene	11.078	105	263117	10.839	ug/l	100
76) 4-Chlorotoluene	11.090	126	74500	10.851	ug/l	99
77) tert-Butylbenzene	11.412	119	248774	10.723	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	262116	10.884	ug/l	100
79) sec-Butylbenzene	11.634	105	341350	10.911	ug/l	99
80) Nitrobenzene	13.203	77	4689	42.376	ug/l	97
81) p-Isopropyltoluene	11.785	119	287611	11.013	ug/l	99
82) 1,3-Dichlorobenzene	11.737	146	140019	10.671	ug/l	99
83) 1,4-Dichlorobenzene	11.827	146	141444	10.769	ug/l	98
84) n-Butylbenzene	12.200	91	276678	11.423	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	133976	10.868	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	8081	9.368	ug/l	97
87) 1,2,4-Trichlorobenzene	13.833	180	82660	10.783	ug/l	100
88) Hexachlorobutadiene	14.013	225	45081	10.355	ug/l	99
89) Naphthalene	14.081	128	150983	10.991	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	76164	10.751	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 1496
Delta R.T. -0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

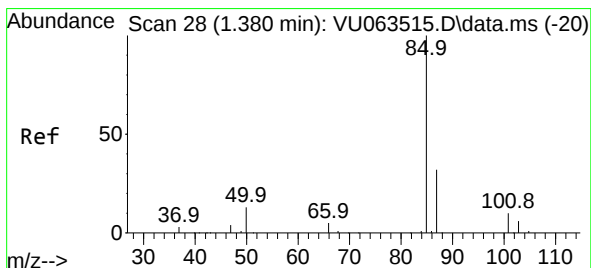
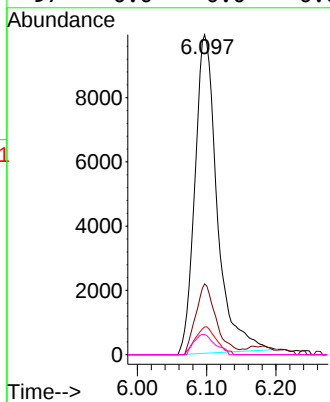
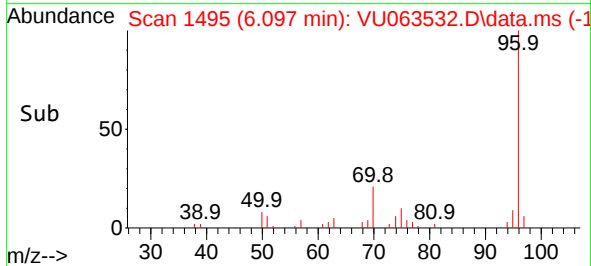
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 96 Resp: 2213
Ion Ratio Lower Upper
96 100
70 18.9 15.0 22.4
95 8.2 7.4 11.0
97 0.0 0.0 0.0

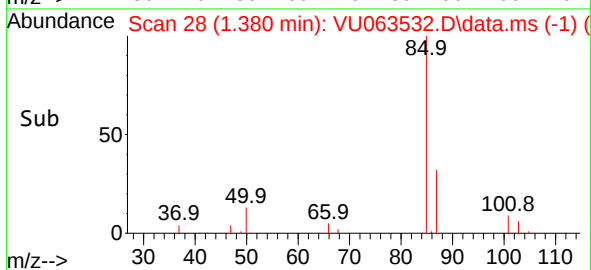
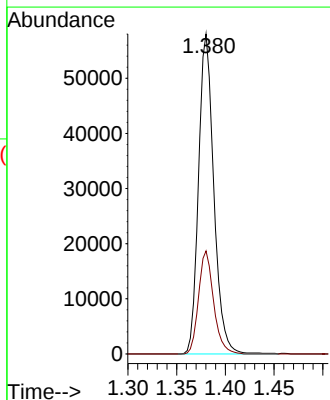
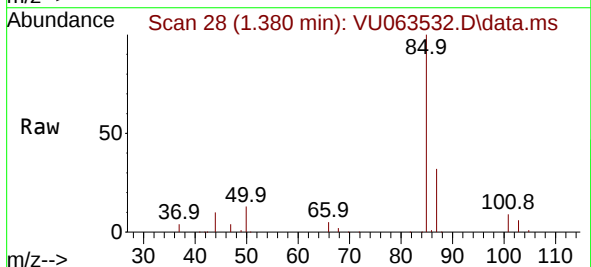
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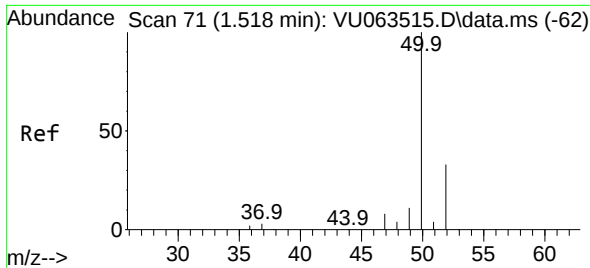
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#2
Dichlorodifluoromethane
Concen: 9.679 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

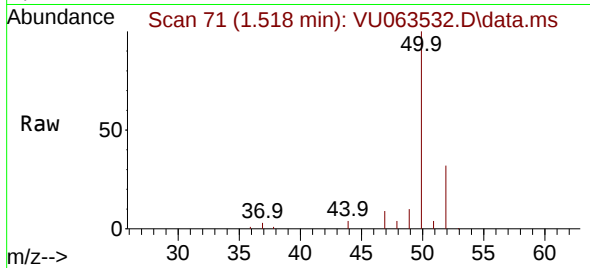
Tgt Ion: 85 Resp: 63177
Ion Ratio Lower Upper
85 100
87 32.2 16.0 47.9





#3
Chloromethane
Concen: 9.869 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

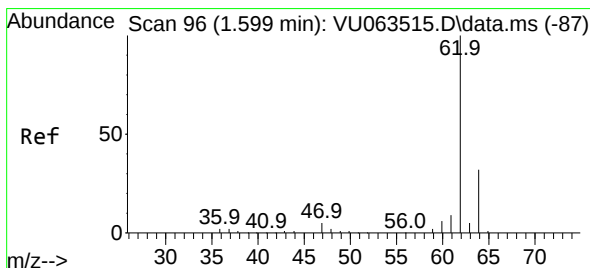
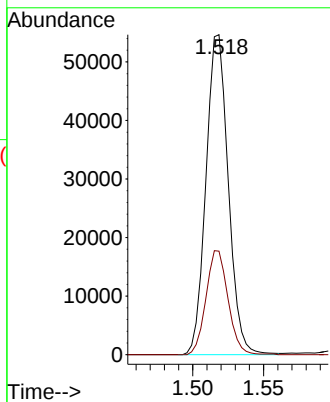
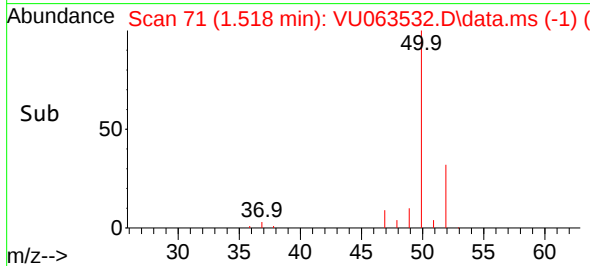
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



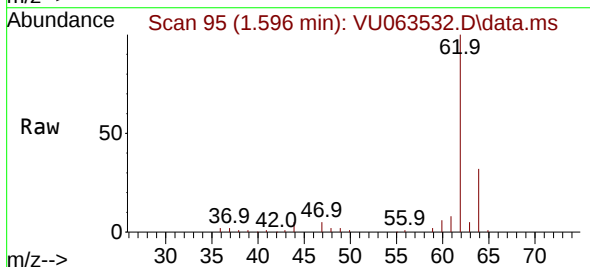
Tgt Ion: 50 Resp: 5988
Ion Ratio Lower Upper
50 100
52 32.4 26.3 39.5

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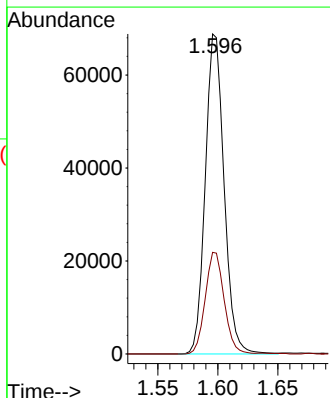
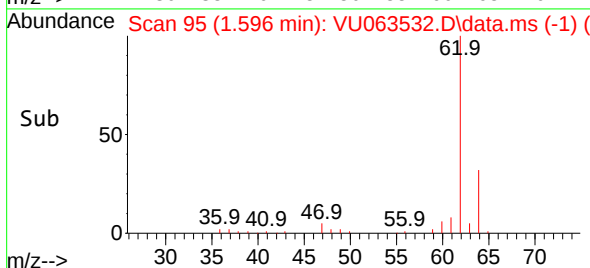
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

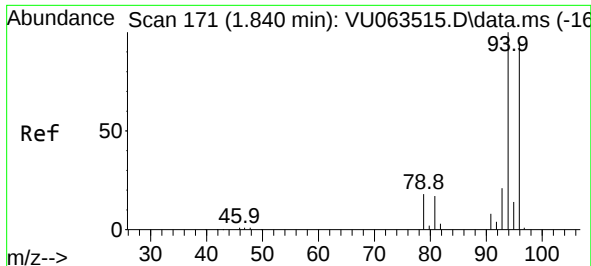


#4
Vinyl Chloride
Concen: 9.713 ug/l
RT: 1.596 min Scan# 95
Delta R.T. -0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11



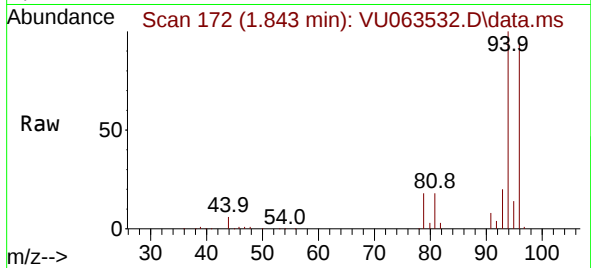
Tgt Ion: 62 Resp: 75063
Ion Ratio Lower Upper
62 100
64 31.7 25.7 38.5





#5
Bromomethane
Concen: 9.778 ug/l
RT: 1.843 min Scan# 171
Delta R.T. 0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

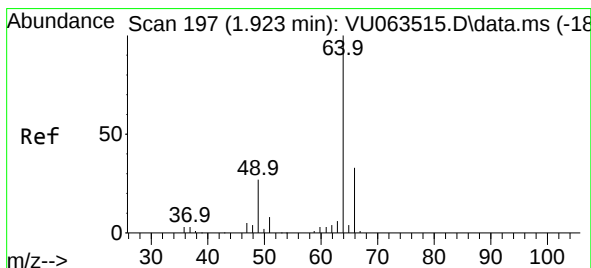
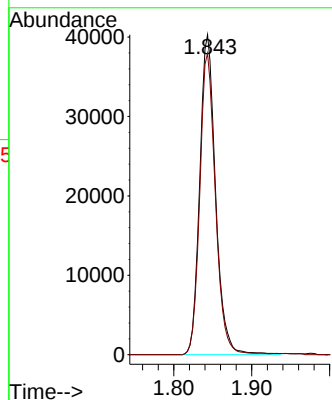
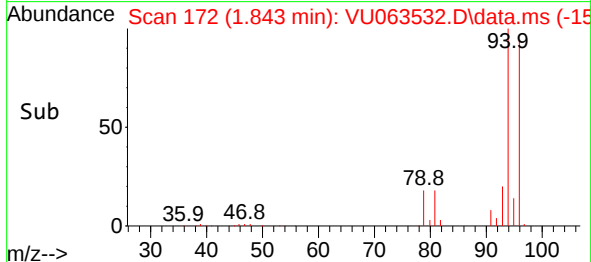
Instrument :
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ClientSampleId :
VSTDCCC010



Tgt Ion: 94 Resp: 56979
Ion Ratio Lower Upper
94 100
96 94.2 75.8 113.6

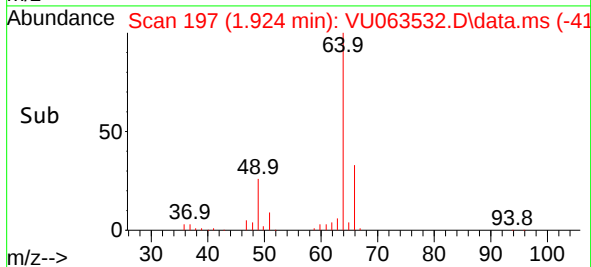
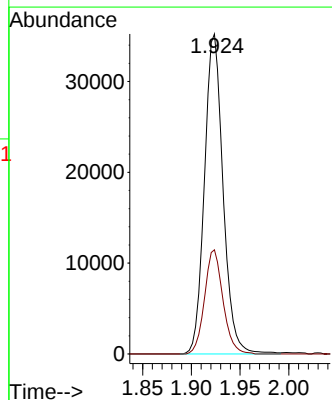
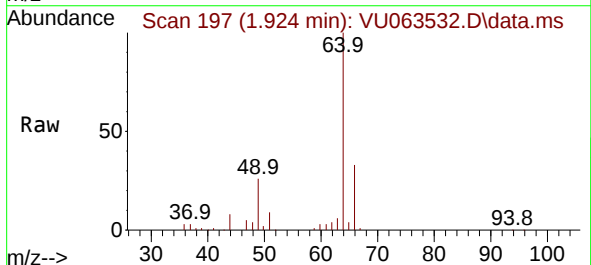
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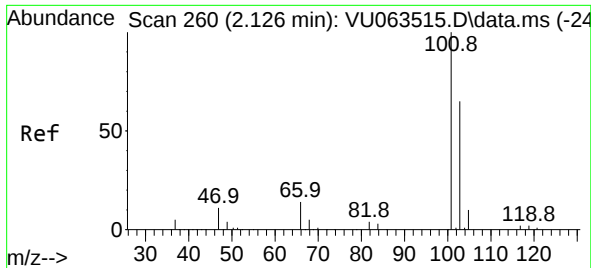
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#6
Chloroethane
Concen: 10.032 ug/l
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

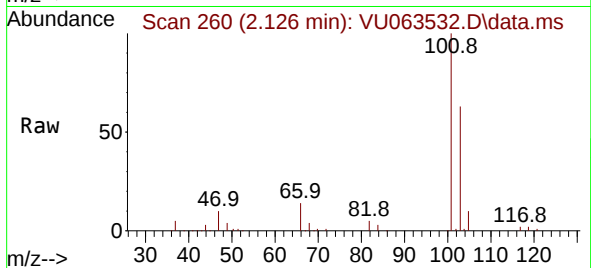
Tgt Ion: 64 Resp: 46809
Ion Ratio Lower Upper
64 100
66 32.6 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 10.130 ug/l
 RT: 2.126 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU063532.D
 Acq: 18 Jul 2025 09:11

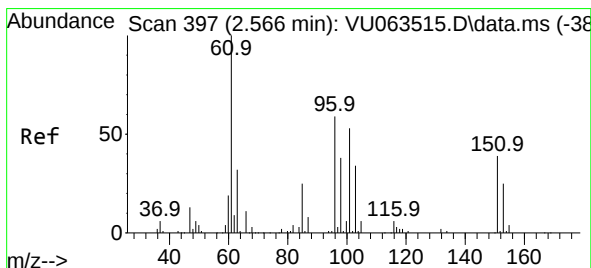
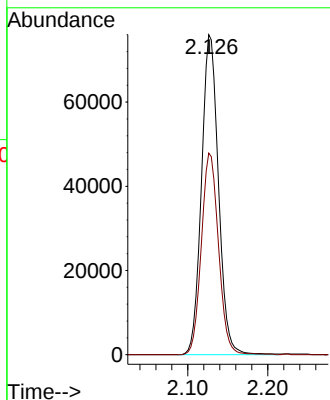
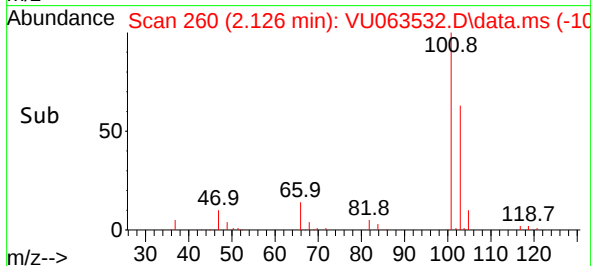
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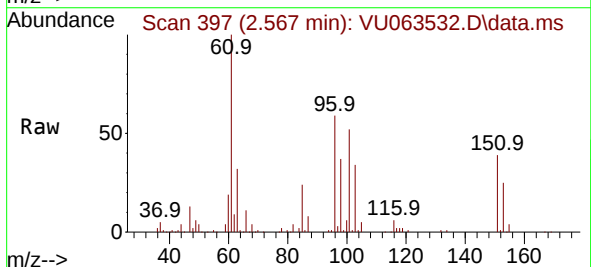
Tgt Ion:101 Resp: 112398
 Ion Ratio Lower Upper
 101 100
 103 63.0 52.2 78.4

Manual Integrations
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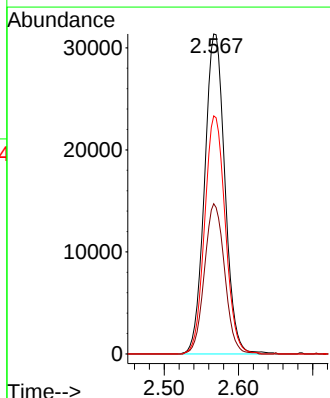
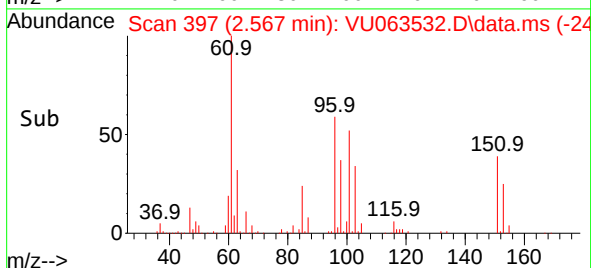
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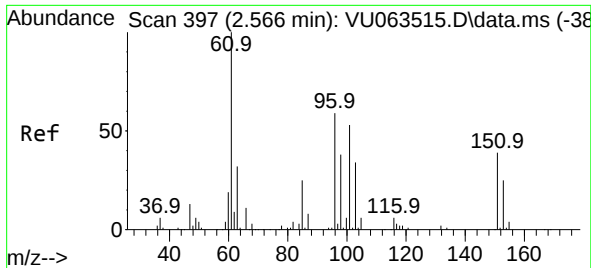


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.278 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VU063532.D
 Acq: 18 Jul 2025 09:11



Tgt Ion:101 Resp: 59594
 Ion Ratio Lower Upper
 101 100
 85 46.6 37.8 56.6
 151 75.3 59.2 88.8





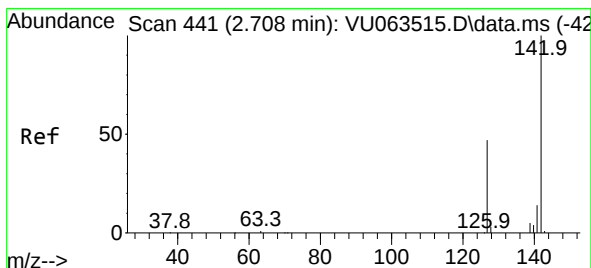
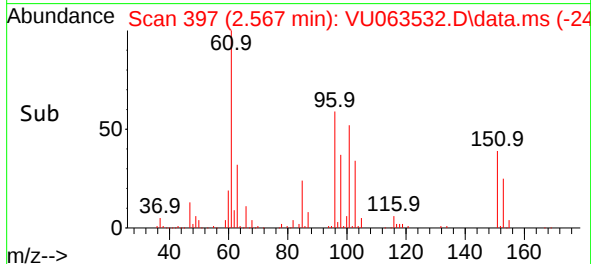
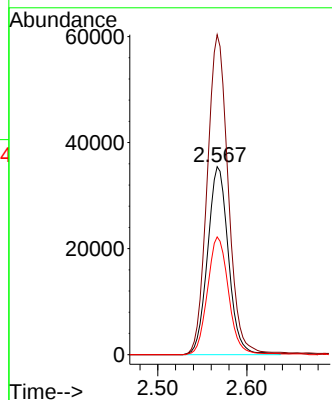
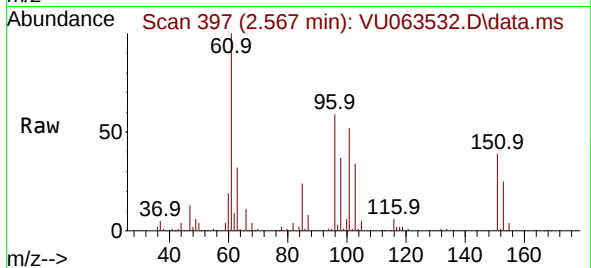
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1,1-Dichloroethene
Concen: 10.027 ug/l
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 96 Resp: 57624
Ion Ratio Lower Upper
96 100
61 170.2 0.0 504.3
98 62.7 0.0 126.8

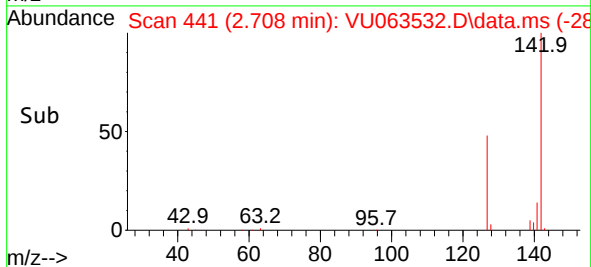
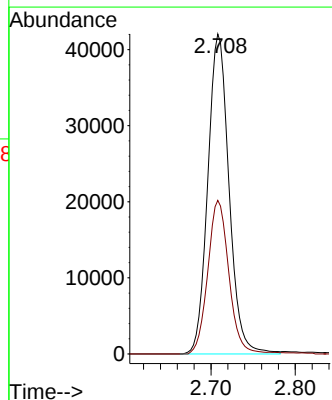
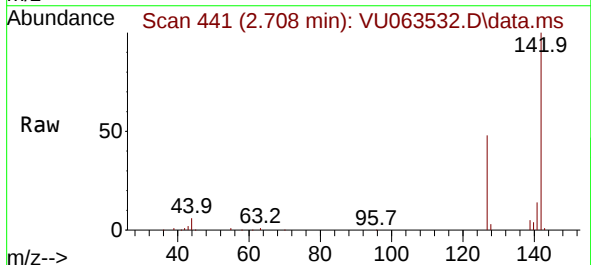
Manual Integrations
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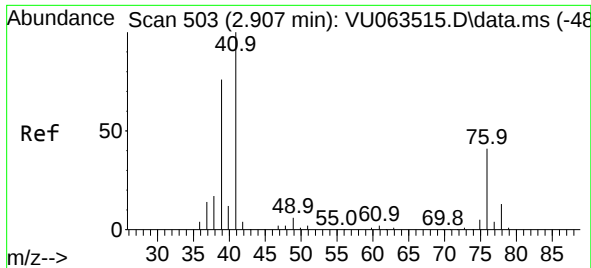
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#10
Iodomethane
Concen: 8.700 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

Tgt Ion:142 Resp: 73635
Ion Ratio Lower Upper
142 100
127 48.3 37.9 56.9





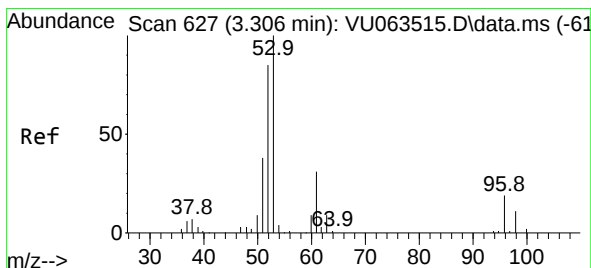
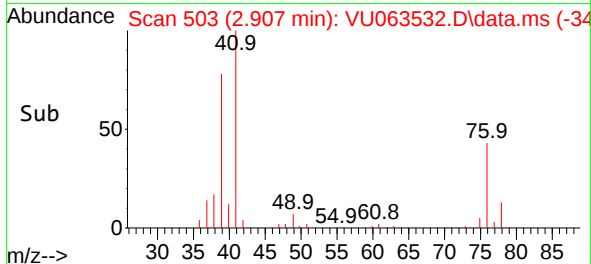
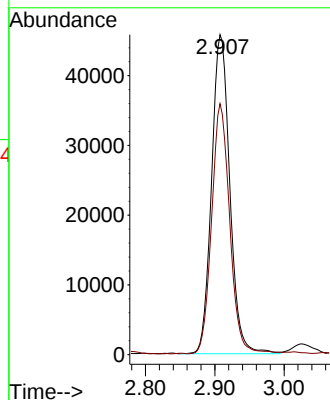
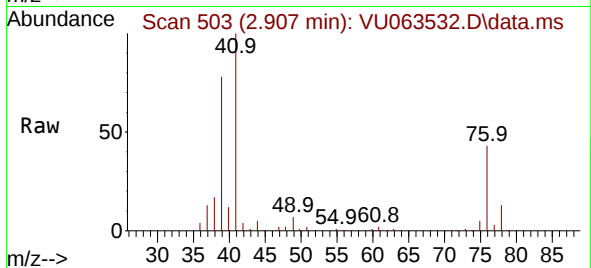
#11
 Allyl Chloride
 Concen: 10.065 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. 0.000 min
 Lab File: VU063532.D
 Acq: 18 Jul 2025 09:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 83570
 Ion Ratio Lower Upper
 41 100
 39 77.7 61.5 92.3

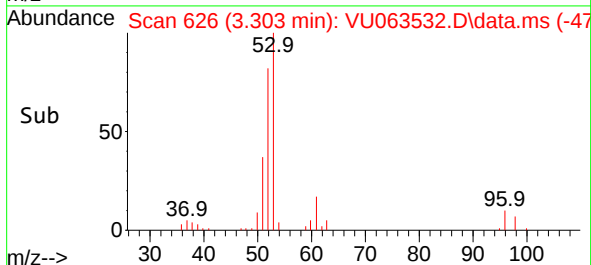
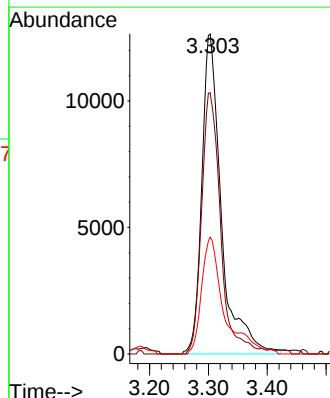
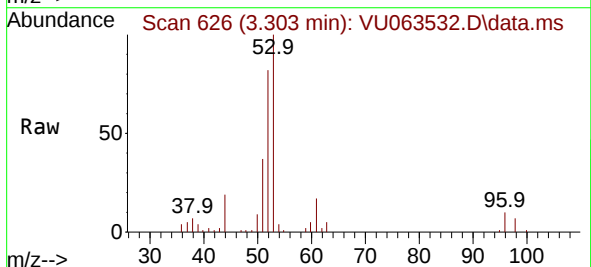
Manual Integrations
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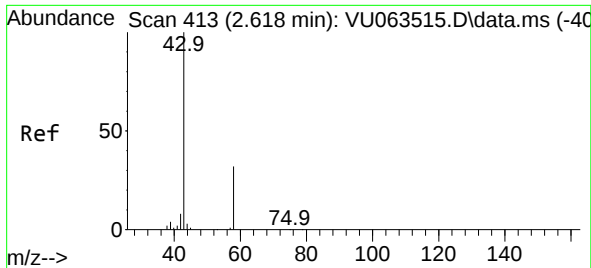
Reviewed By :Mahesh Dadoda 07/21/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025



#12
 Acrylonitrile
 Concen: 20.347 ug/l
 RT: 3.303 min Scan# 626
 Delta R.T. -0.003 min
 Lab File: VU063532.D
 Acq: 18 Jul 2025 09:11

Tgt Ion: 53 Resp: 29248
 Ion Ratio Lower Upper
 53 100
 52 79.2 64.3 96.5
 51 36.5 27.8 41.8





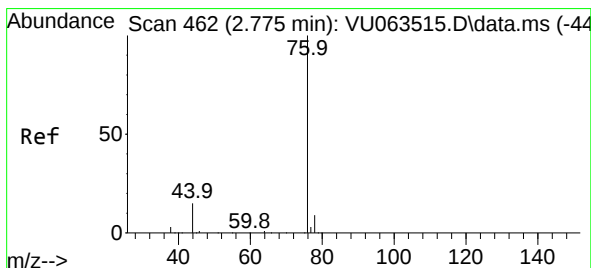
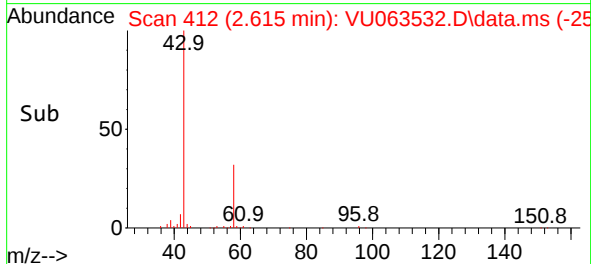
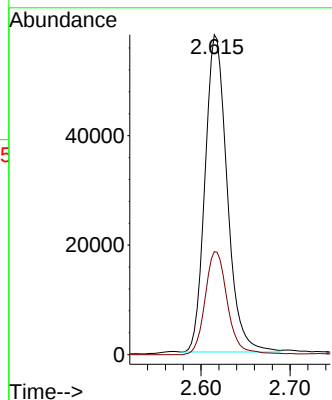
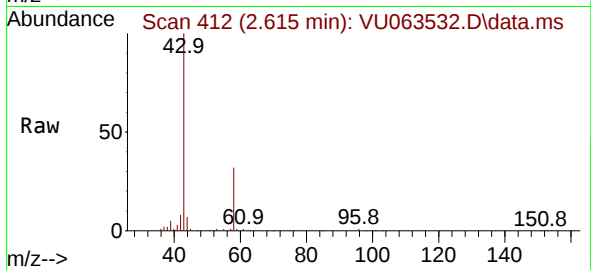
#13
Acetone
Concen: 86.744 ug/l
RT: 2.615 min Scan# 413
Delta R.T. -0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 99900
Ion Ratio Lower Upper
43 100
58 32.5 25.4 38.0

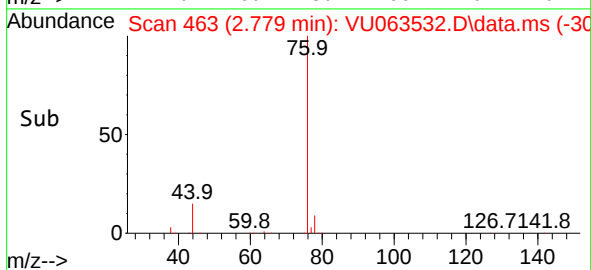
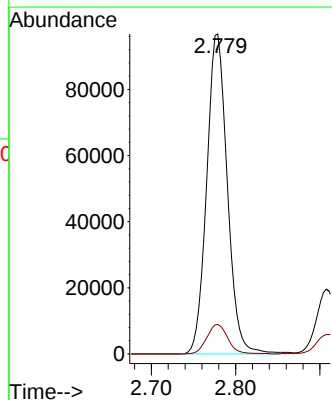
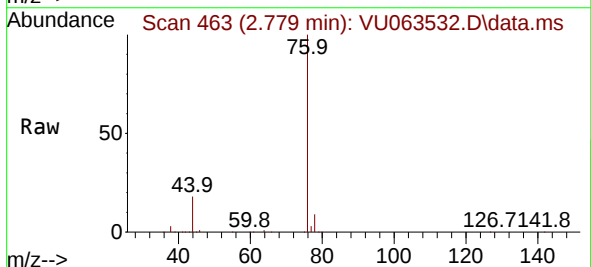
Manual Integrations
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Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#14
Carbon Disulfide
Concen: 8.892 ug/l
RT: 2.779 min Scan# 463
Delta R.T. 0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

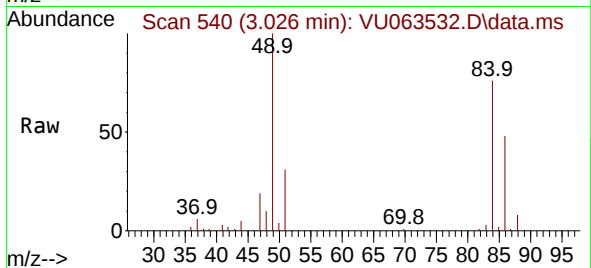
Tgt Ion: 76 Resp: 165060
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6





#15
Methylene Chloride
Concen: 9.932 ug/l
RT: 3.026 min Scan# 541
Delta R.T. -0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

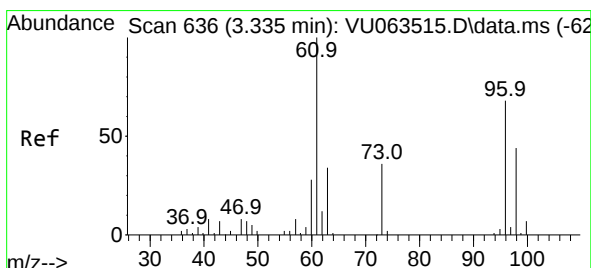
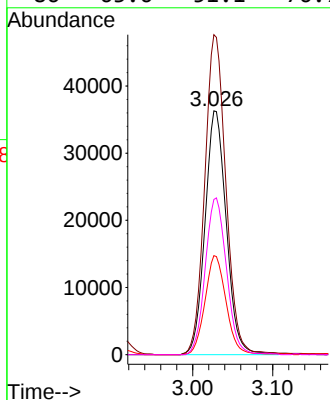
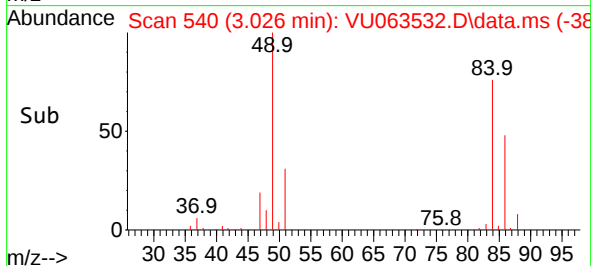
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 84 Resp: 67208
Ion Ratio Lower Upper
84 100
49 131.2 103.8 155.8
51 40.6 0.0 80.4
86 63.6 51.1 76.7

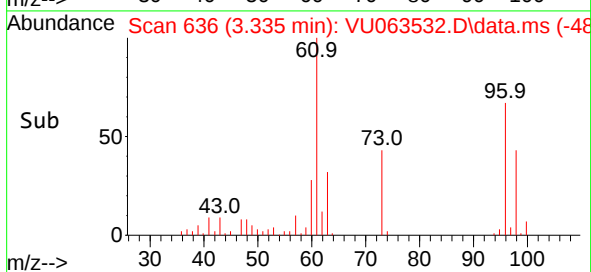
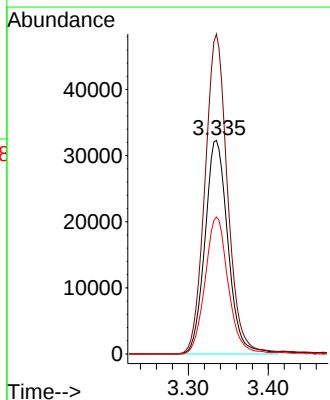
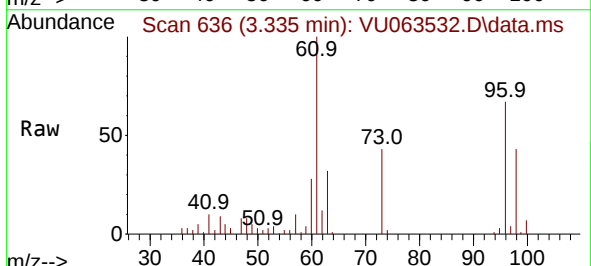
Manual Integrations
APPROVED

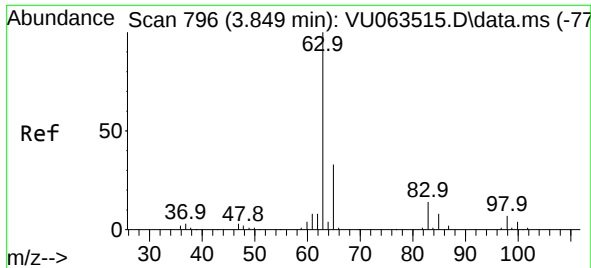
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#16
trans-1,2-Dichloroethene
Concen: 9.902 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

Tgt Ion: 96 Resp: 64633
Ion Ratio Lower Upper
96 100
61 149.8 117.2 175.8
98 64.1 51.4 77.2





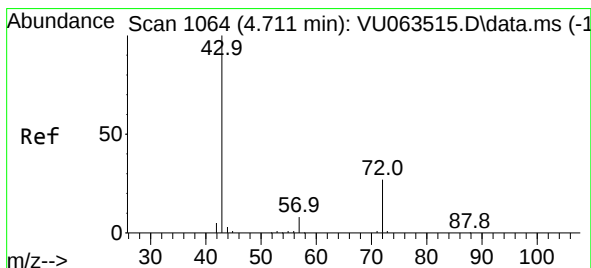
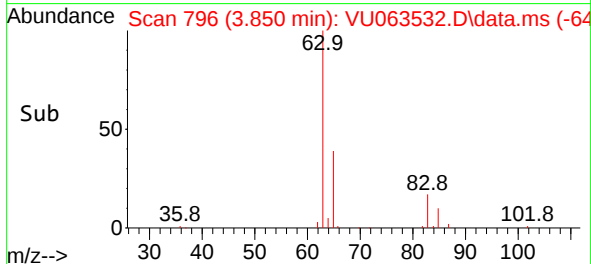
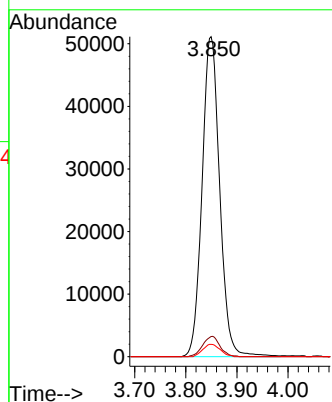
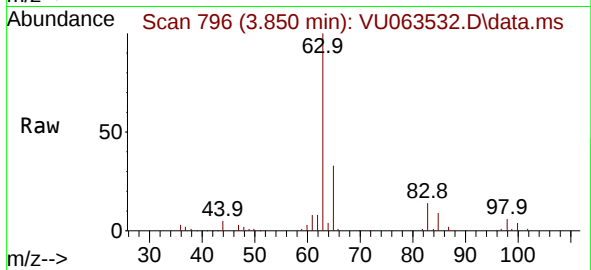
#17
1,1-Dichloroethane
Concen: 10.126 ug/l
RT: 3.850 min Scan# 796
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 12250
Ion Ratio Lower Upper
63 100
98 6.3 3.4 10.2
100 3.9 2.1 6.2

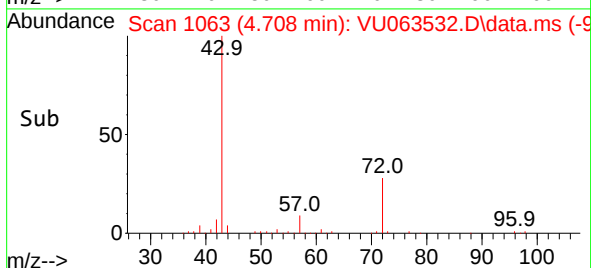
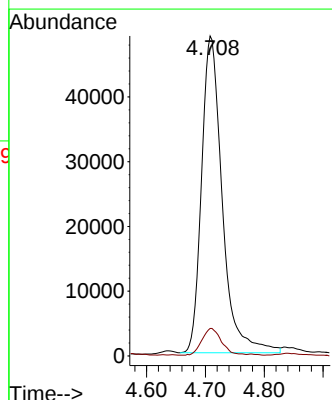
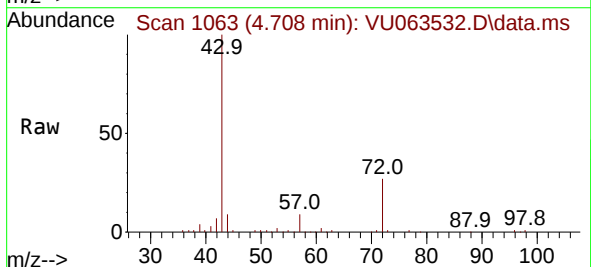
Manual Integrations
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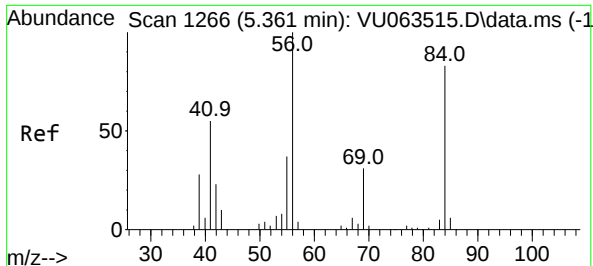
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#18
2-Butanone
Concen: 67.111 ug/l
RT: 4.708 min Scan# 1063
Delta R.T. -0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

Tgt Ion: 43 Resp: 119694
Ion Ratio Lower Upper
43 100
57 8.1 0.0 16.4





#19

Cyclohexane

Concen: 10.008 ug/l

RT: 5.361 min Scan# 1266

Delta R.T. 0.000 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 56 Resp: 102519

Ion Ratio Lower Upper

56 100

69 33.3 26.6 39.8

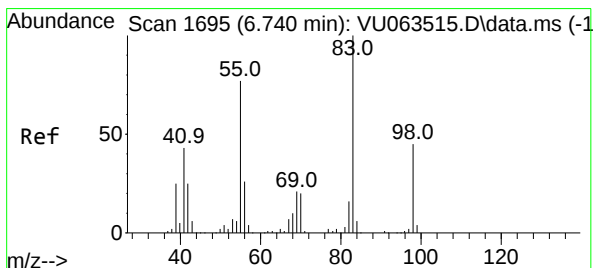
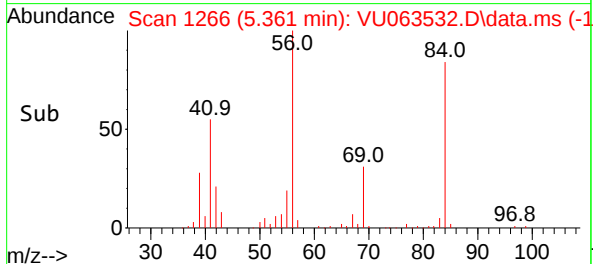
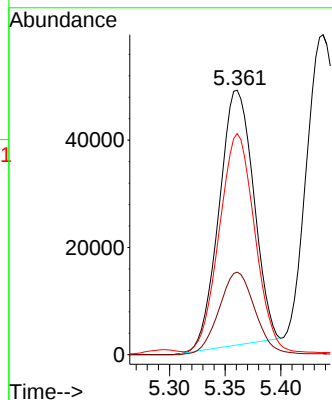
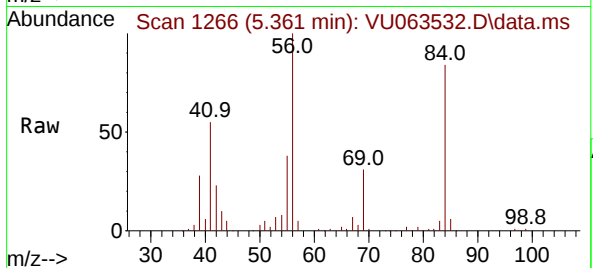
84 87.7 71.0 106.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#20

Methylcyclohexane

Concen: 9.053 ug/l

RT: 6.743 min Scan# 1696

Delta R.T. 0.003 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

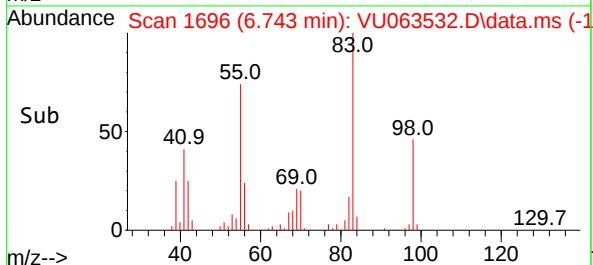
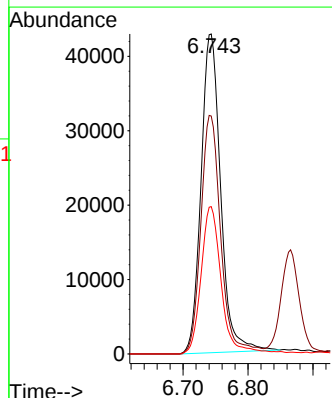
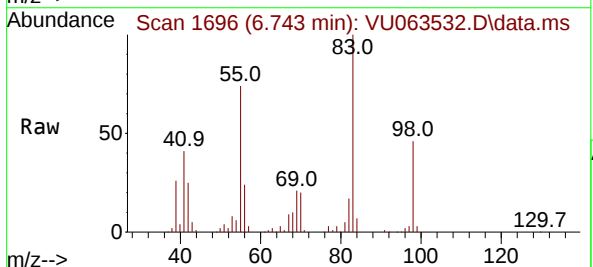
Tgt Ion: 83 Resp: 90134

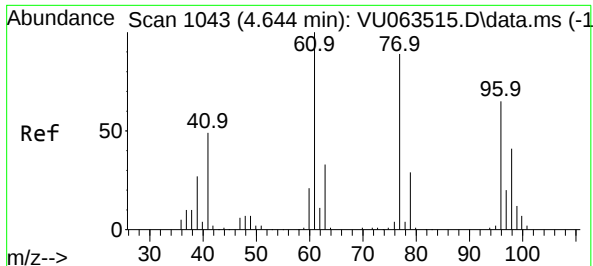
Ion Ratio Lower Upper

83 100

55 73.0 60.6 90.8

98 46.8 35.8 53.8





#21

2,2-Dichloropropane

Concen: 9.992 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 77 Resp: 102934

Ion Ratio Lower Upper

77 100

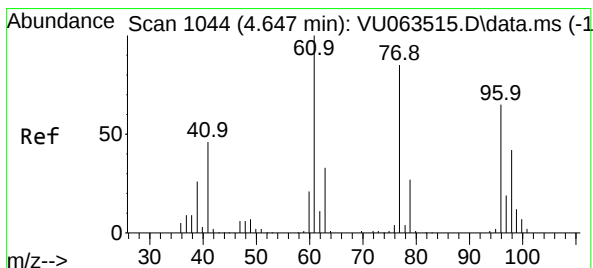
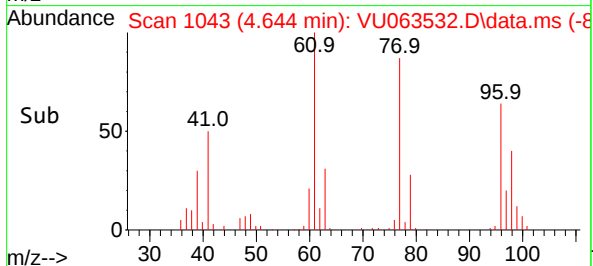
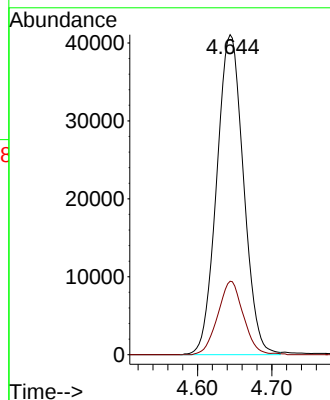
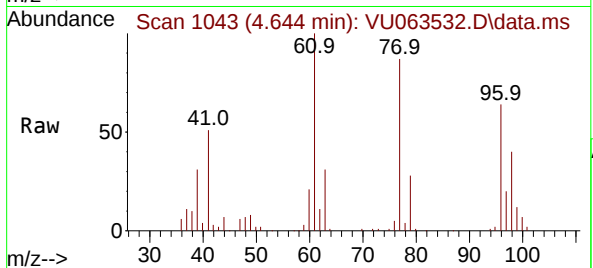
97 21.8 17.8 26.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#22

cis-1,2-Dichloroethene

Concen: 10.076 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

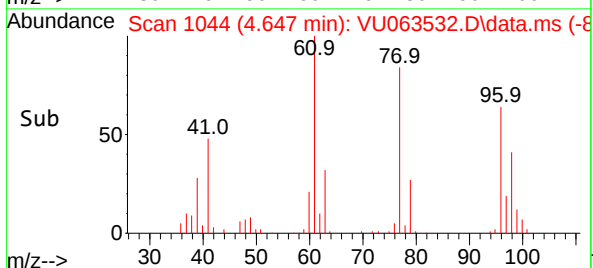
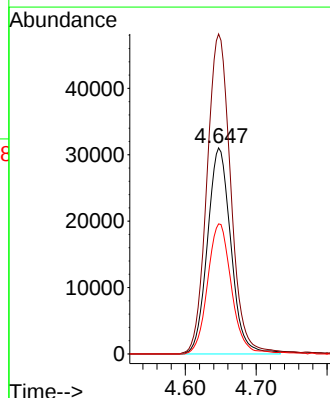
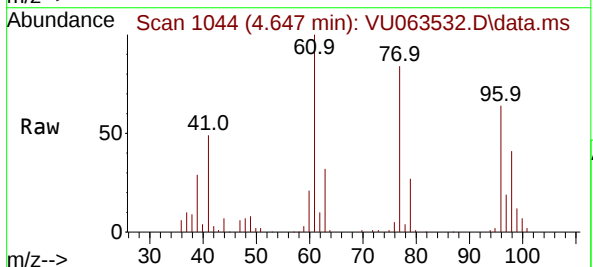
Tgt Ion: 96 Resp: 71370

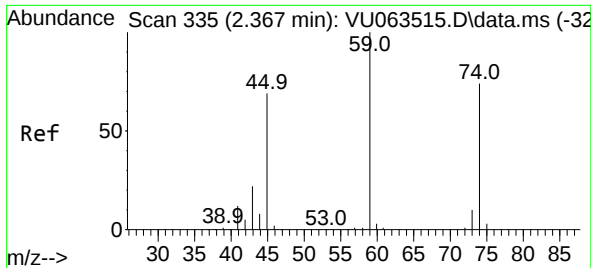
Ion Ratio Lower Upper

96 100

61 157.8 0.0 384.7

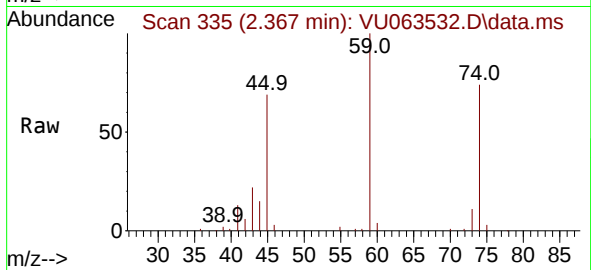
98 64.1 32.1 96.3





#23
Diethyl Ether
Concen: 10.482 ug/l
RT: 2.367 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

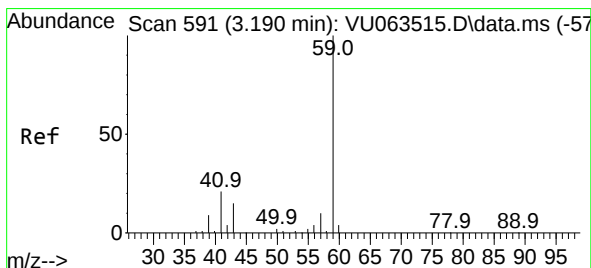
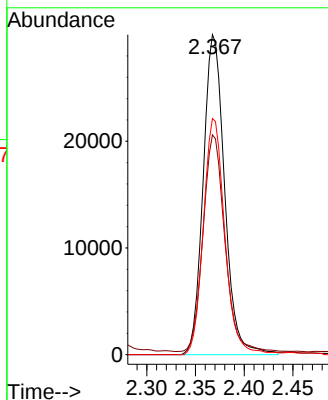
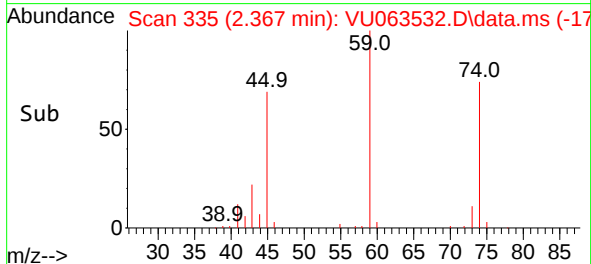
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 59 Resp: 45900
Ion Ratio Lower Upper
59 100
45 68.2 55.1 82.7
74 73.6 58.2 87.4

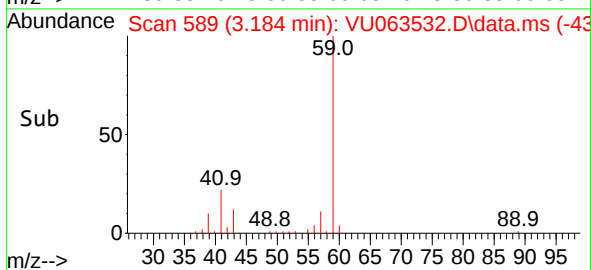
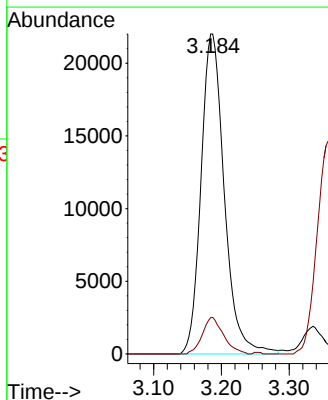
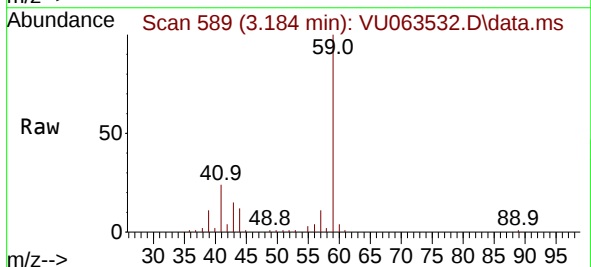
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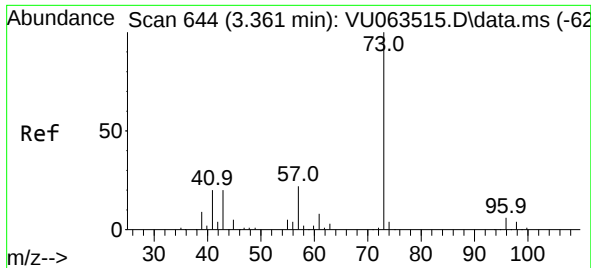
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#24
tert-Butyl Alcohol
Concen: 99.368 ug/l
RT: 3.184 min Scan# 589
Delta R.T. -0.006 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

Tgt Ion: 59 Resp: 52532
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8





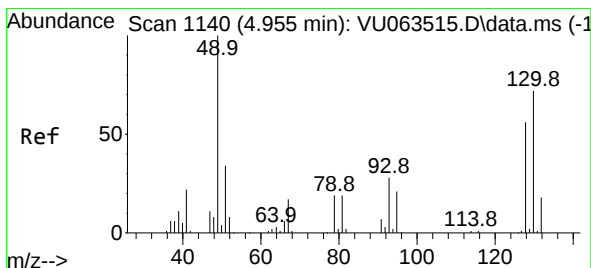
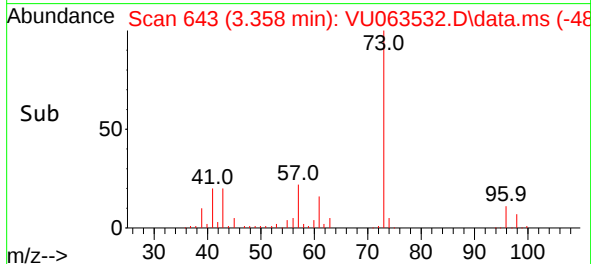
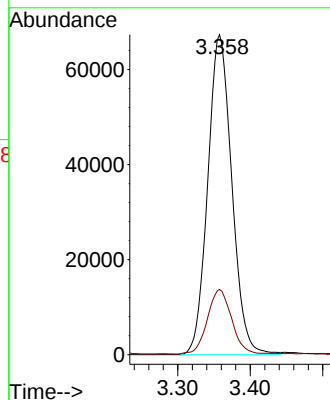
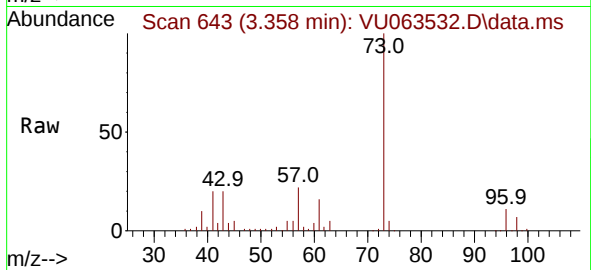
#25
Methyl tert-Butyl Ether
Concen: 10.348 ug/l
RT: 3.358 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 73 Resp: 15526
Ion Ratio Lower Upper
73 100
43 20.1 16.2 24.2

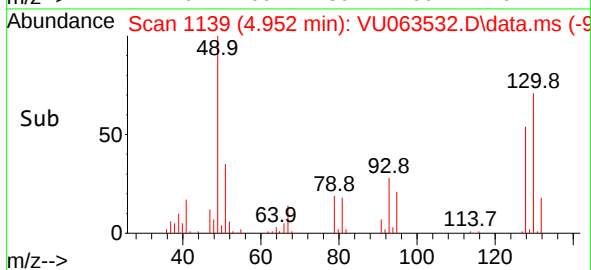
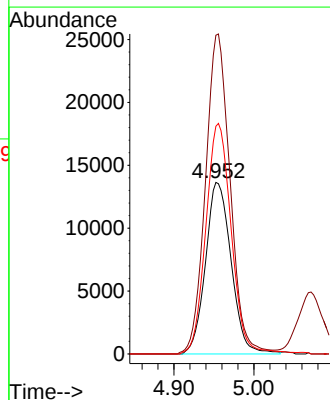
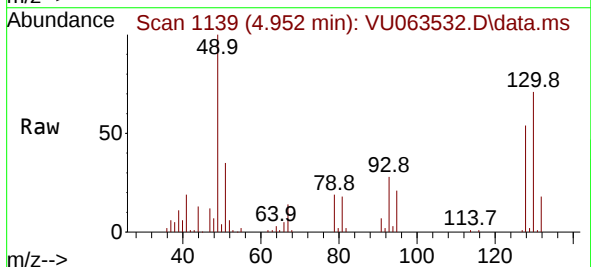
Manual Integrations
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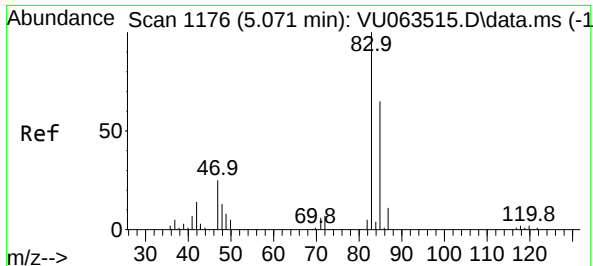
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#26
Bromochloromethane
Concen: 10.279 ug/l
RT: 4.952 min Scan# 1139
Delta R.T. -0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

Tgt Ion:128 Resp: 30399
Ion Ratio Lower Upper
128 100
49 179.2 0.0 340.8
130 133.3 100.5 150.7





#27

Chloroform

Concen: 10.340 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 127644

Ion Ratio Lower Upper

83 100

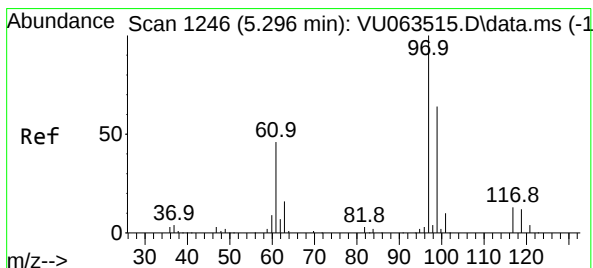
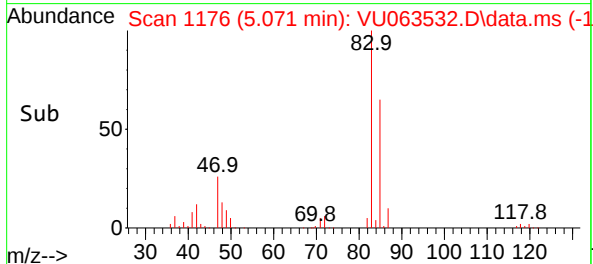
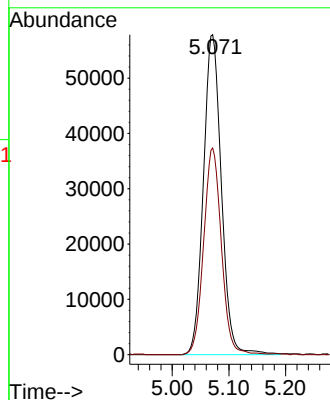
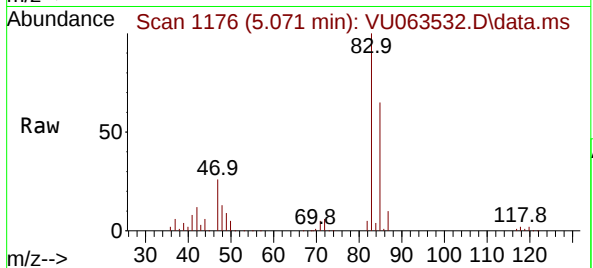
85 64.6 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#28

1,1,1-Trichloroethane

Concen: 10.278 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

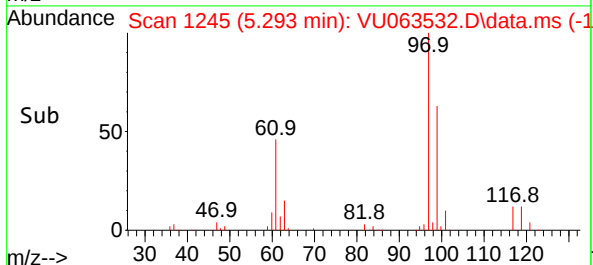
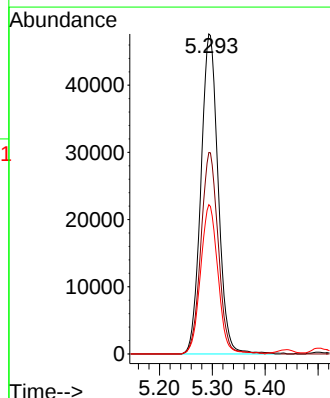
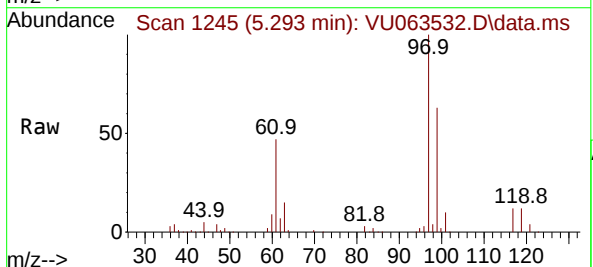
Tgt Ion: 97 Resp: 107685

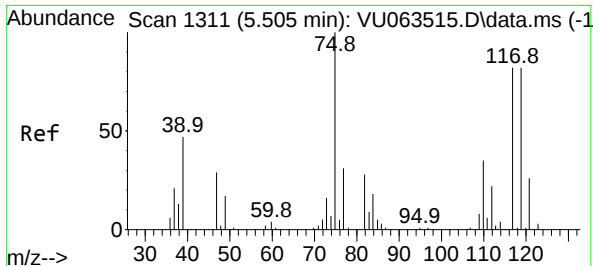
Ion Ratio Lower Upper

97 100

99 63.4 31.8 95.3

61 47.2 23.3 69.9





#29
1,1-Dichloropropene
Concen: 10.077 ug/l
RT: 5.502 min Scan# 1109
Delta R.T. -0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

Instrument :

MSVOA_U

ClientSampleId :

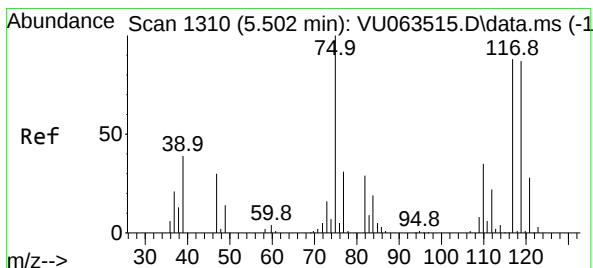
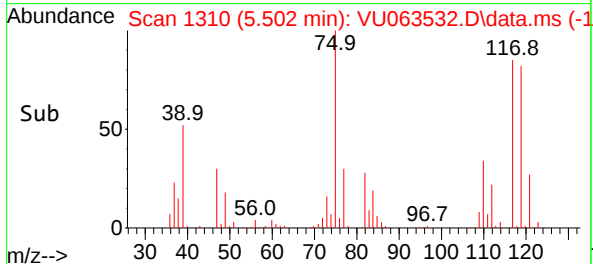
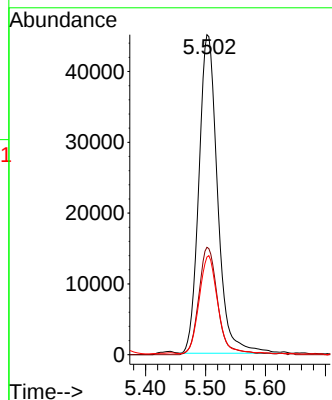
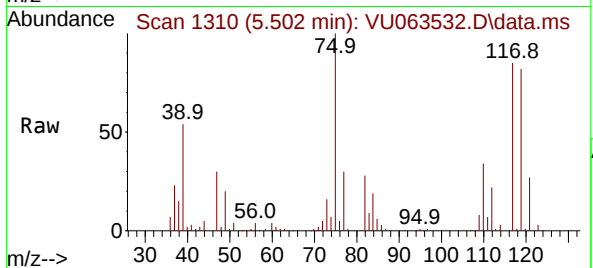
VSTDCCC010

Tgt Ion: 75 Resp: 97809
Ion Ratio Lower Upper
75 100
110 34.0 17.8 53.4
77 30.4 24.6 37.0

Manual Integrations

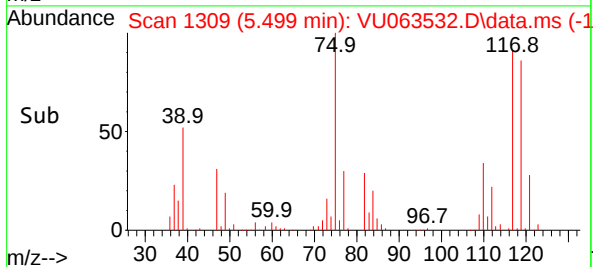
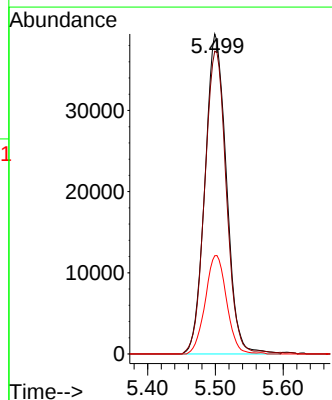
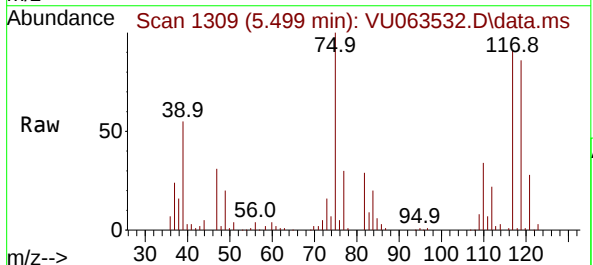
APPROVED

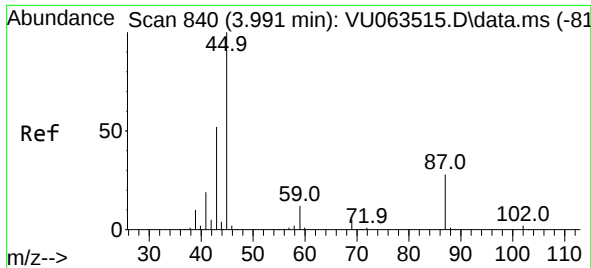
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#30
Carbon Tetrachloride
Concen: 10.264 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

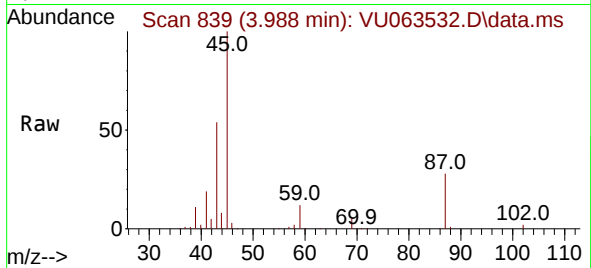
Tgt Ion:117 Resp: 86562
Ion Ratio Lower Upper
117 100
119 94.6 79.2 118.8
121 30.7 25.5 38.3





#31
Isopropyl Ether
Concen: 9.983 ug/l
RT: 3.988 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

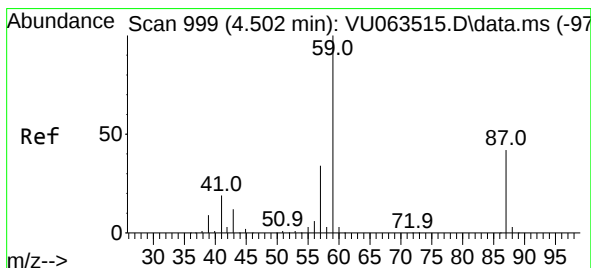
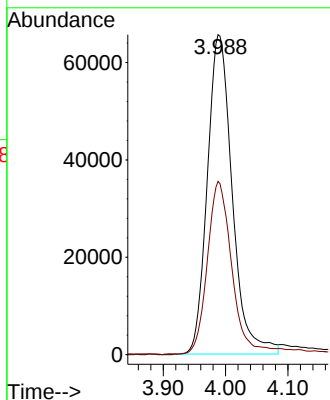
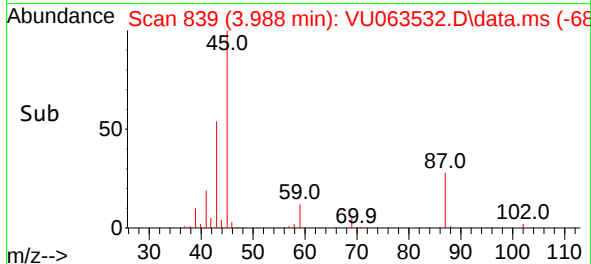
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



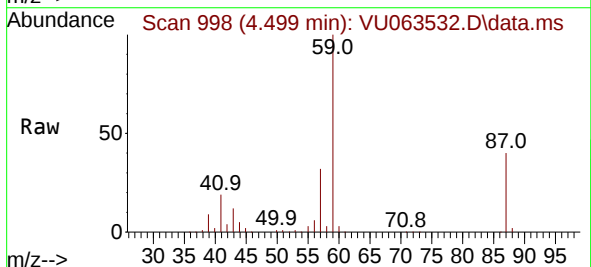
Tgt Ion: 45 Resp: 18231
Ion Ratio Lower Upper
45 100
43 53.8 25.7 77.0

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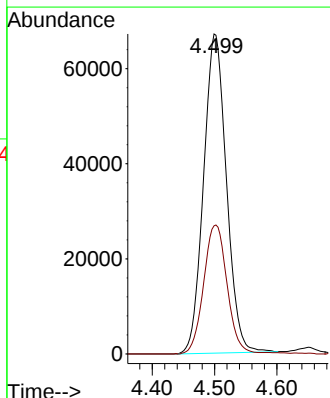
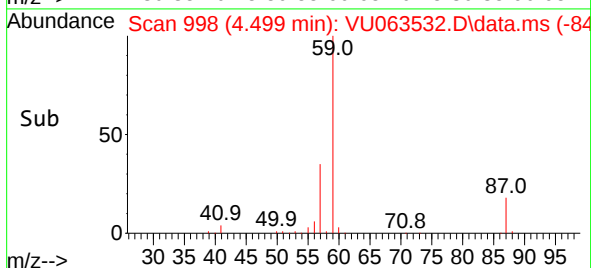
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

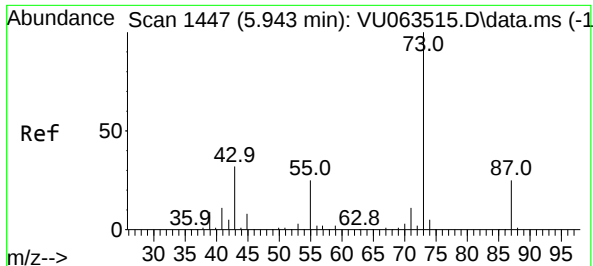


#32
Ethyl-t-butyl ether
Concen: 10.117 ug/l
RT: 4.499 min Scan# 998
Delta R.T. -0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11



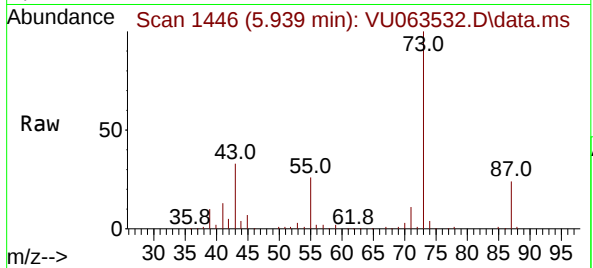
Tgt Ion: 59 Resp: 170978
Ion Ratio Lower Upper
59 100
87 40.7 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 10.191 ug/l
RT: 5.939 min Scan# 1447
Delta R.T. -0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

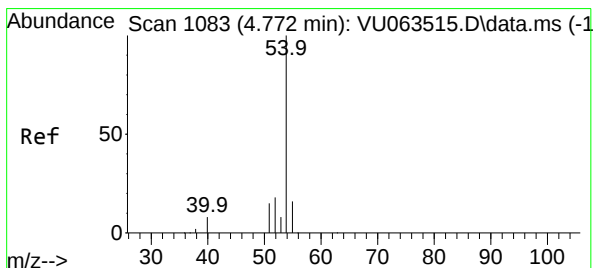
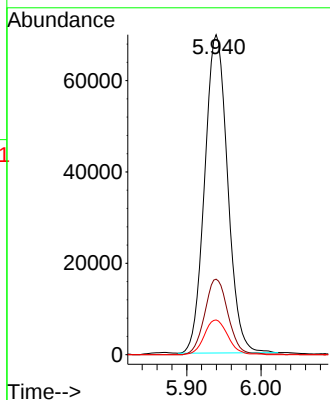
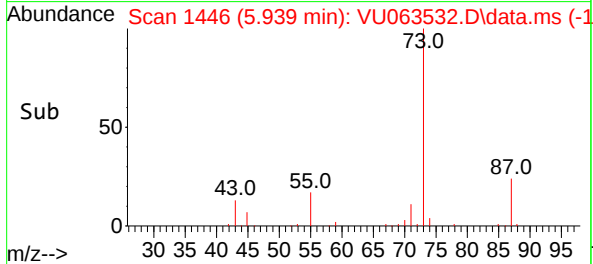
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 73 Resp: 149469
Ion Ratio Lower Upper
73 100
87 23.9 19.4 29.2
71 11.2 8.9 13.3

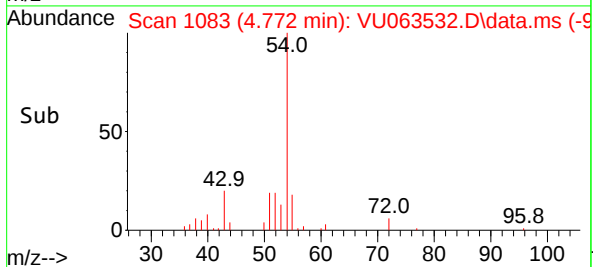
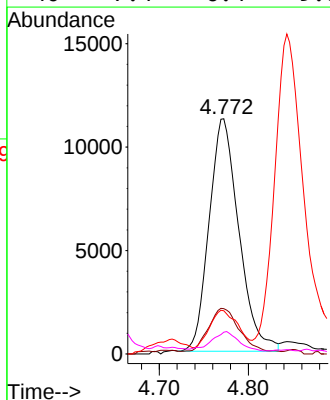
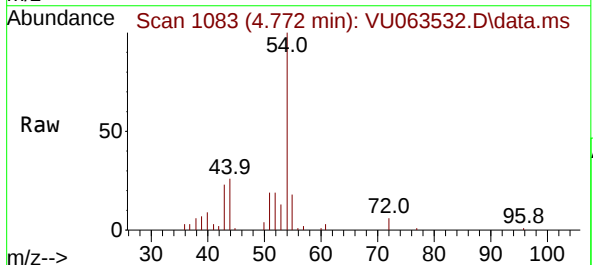
Manual Integrations
APPROVED

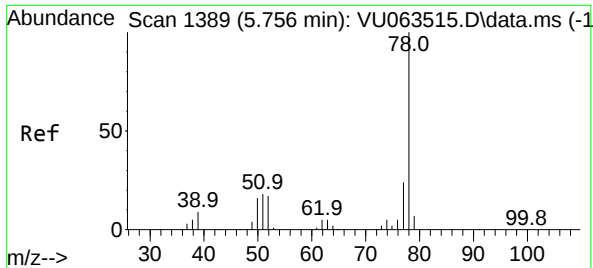
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#34
Propionitrile
Concen: 47.974 ug/l
RT: 4.772 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

Tgt Ion: 54 Resp: 26069
Ion Ratio Lower Upper
54 100
52 19.2 17.0 25.4
55 16.2 13.6 20.4
40 7.4 6.4 9.6





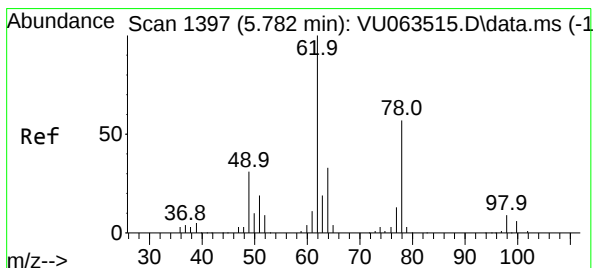
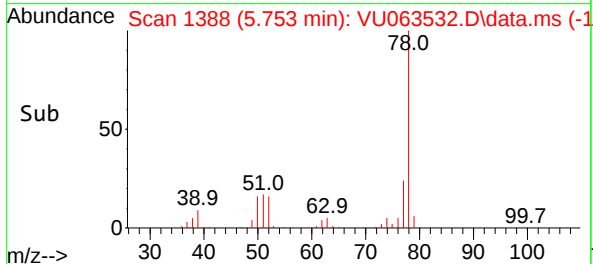
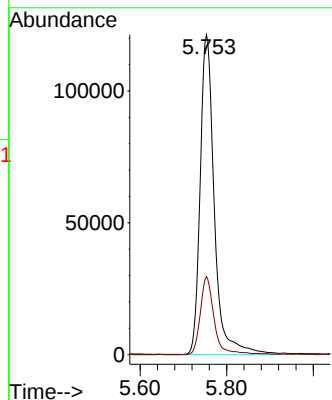
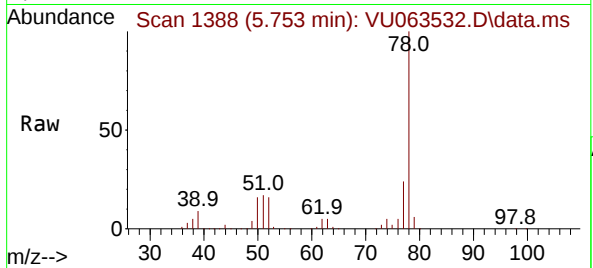
#35
Benzene
Concen: 10.575 ug/l
RT: 5.753 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 78 Resp: 275788
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.2

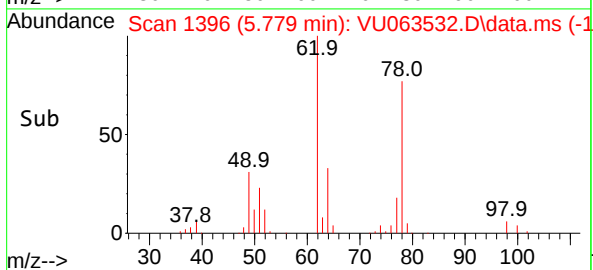
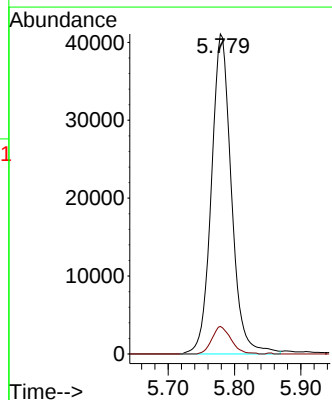
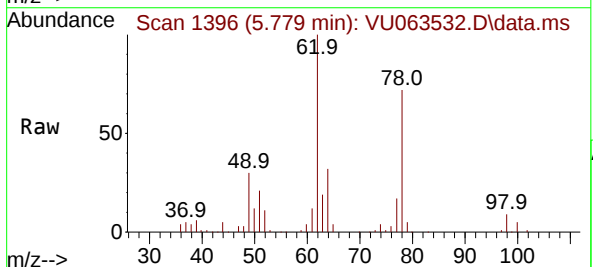
Manual Integrations
APPROVED

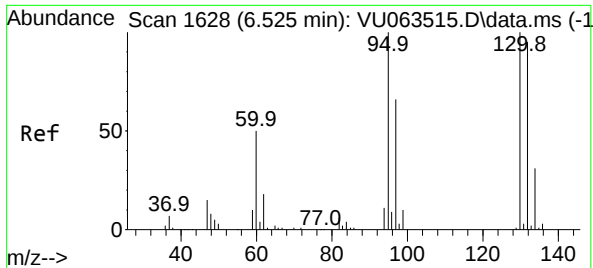
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#36
1,2-Dichloroethane
Concen: 10.641 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

Tgt Ion: 62 Resp: 86224
Ion Ratio Lower Upper
62 100
98 8.2 6.4 9.6





#37

Trichloroethene

Concen: 8.950 ug/l

RT: 6.525 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:130 Resp: 5955

Ion Ratio Lower Upper

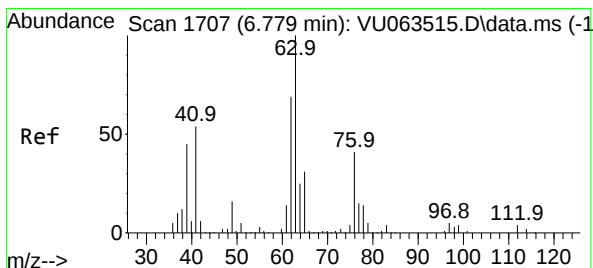
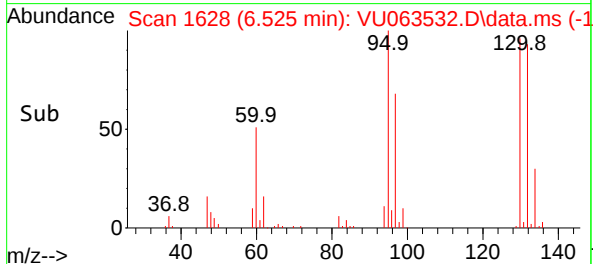
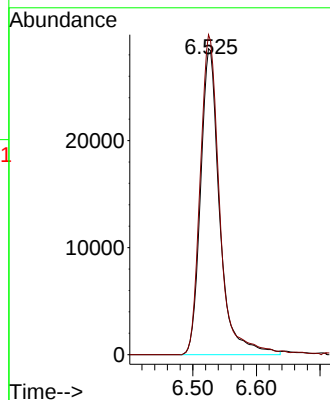
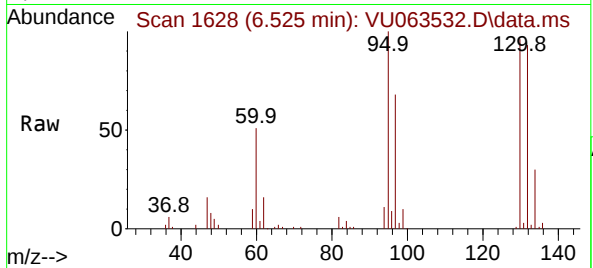
130 100

95 104.6 80.3 120.5

Manual Integrations

APPROVED

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



#38

1,2-Dichloropropane

Concen: 9.683 ug/l

RT: 6.779 min Scan# 1707

Delta R.T. 0.000 min

Lab File: VU063532.D

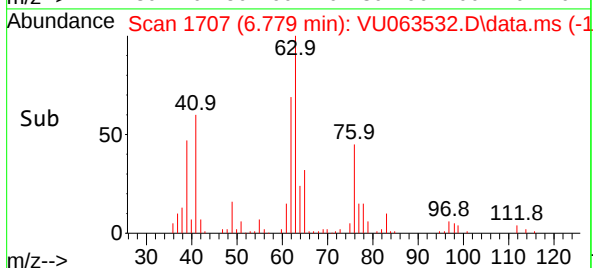
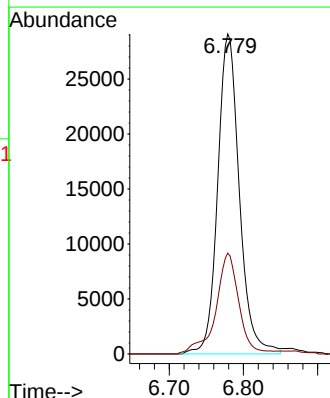
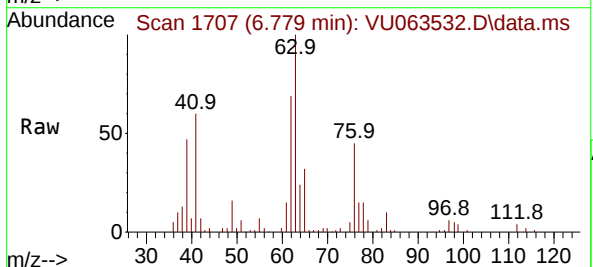
Acq: 18 Jul 2025 09:11

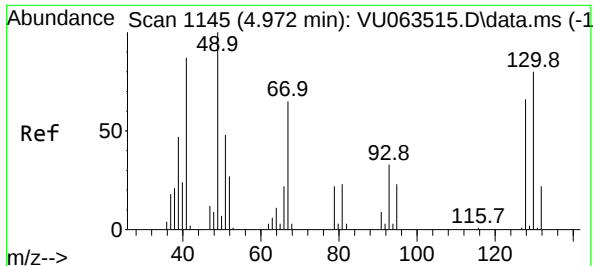
Tgt Ion: 63 Resp: 59104

Ion Ratio Lower Upper

63 100

65 31.1 24.6 36.8





#39

Methacrylonitrile

Concen: 9.375 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. -0.003 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 2264

Ion Ratio Lower Upper

41 100

67 80.3 62.7 94.1

39 54.6 43.1 64.7

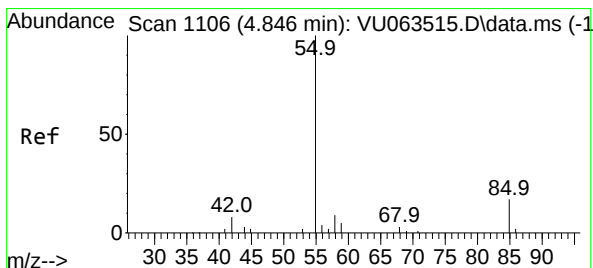
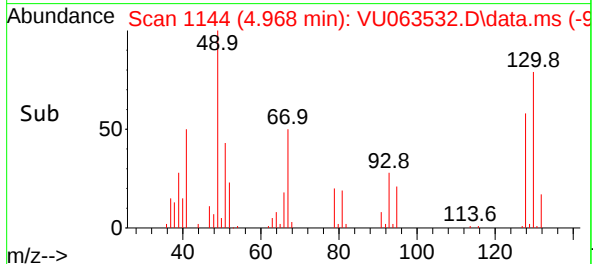
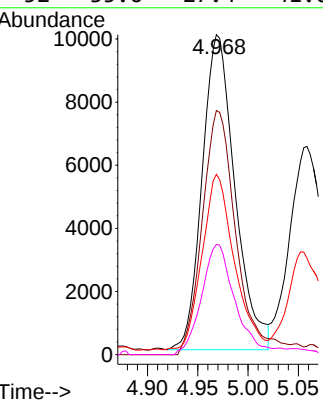
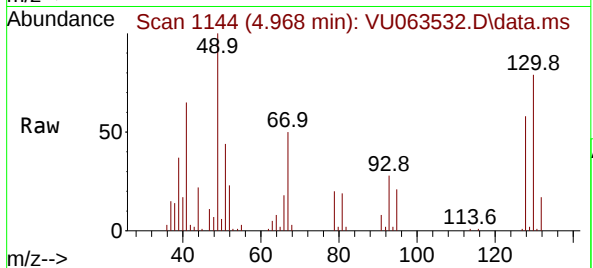
52 35.6 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#40

Methyl acrylate

Concen: 9.721 ug/l

RT: 4.843 min Scan# 1105

Delta R.T. -0.003 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

Tgt Ion: 55 Resp: 34325

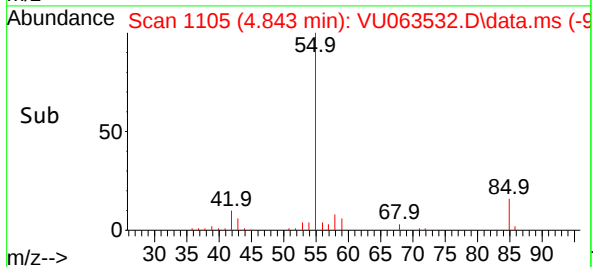
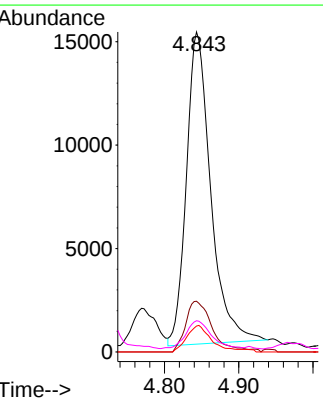
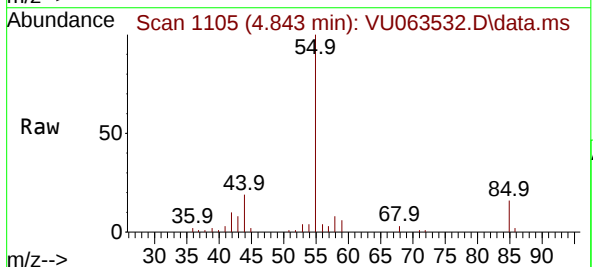
Ion Ratio Lower Upper

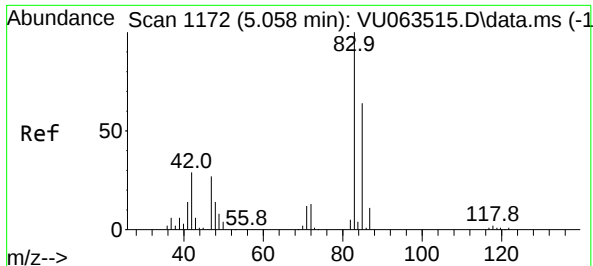
55 100

85 17.6 12.8 19.2

58 8.9 7.0 10.4

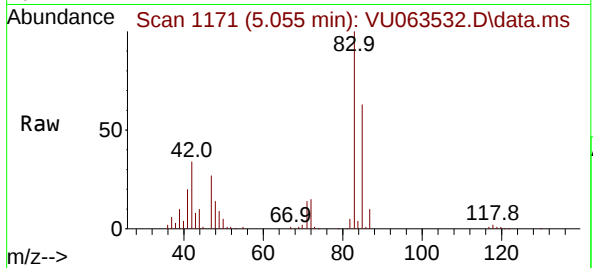
42 9.4 7.0 10.4





#41
Tetrahydrofuran
Concen: 18.783 ug/l
RT: 5.055 min Scan# 1172
Delta R.T. -0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

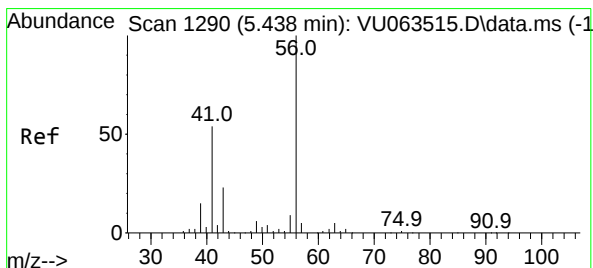
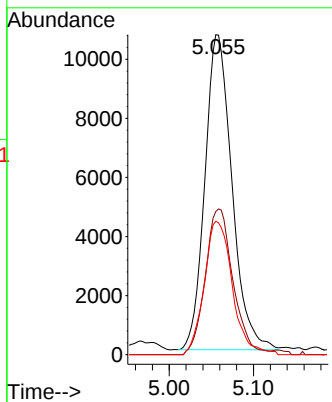
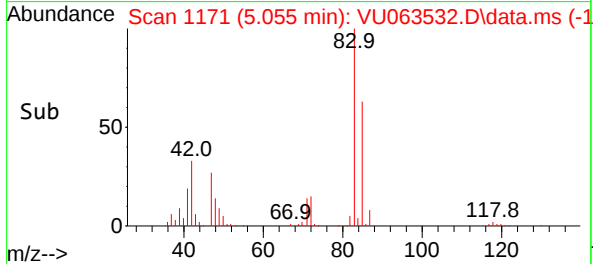
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 2386
Ion Ratio Lower Upper
42 100
72 47.3 39.2 58.8
71 43.7 34.8 52.2

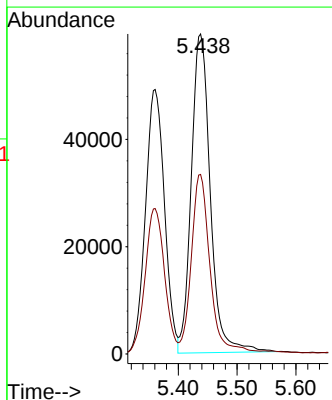
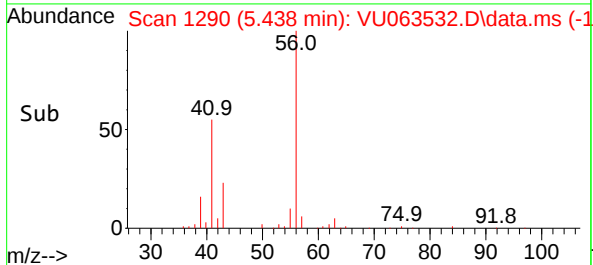
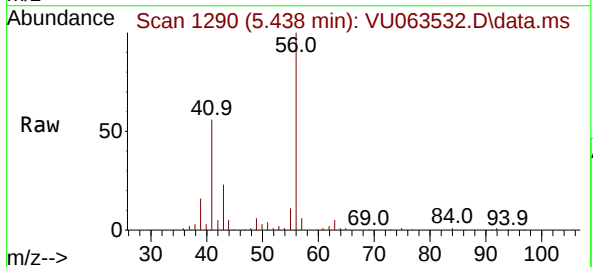
Manual Integrations
APPROVED

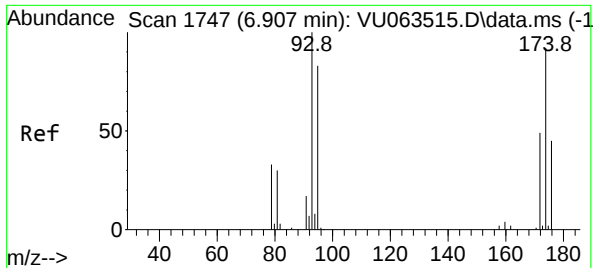
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#42
1-Chlorobutane
Concen: 10.334 ug/l
RT: 5.438 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

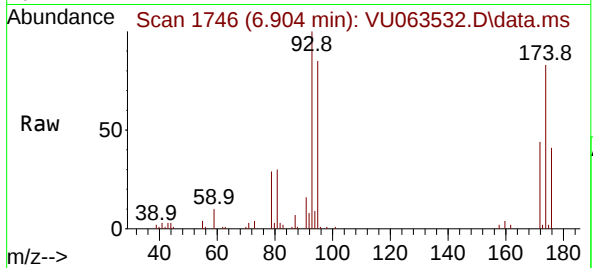
Tgt Ion: 56 Resp: 133351
Ion Ratio Lower Upper
56 100
41 53.4 26.7 80.0





#43
Dibromomethane
Concen: 9.911 ug/l
RT: 6.904 min Scan# 1746
Delta R.T. -0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

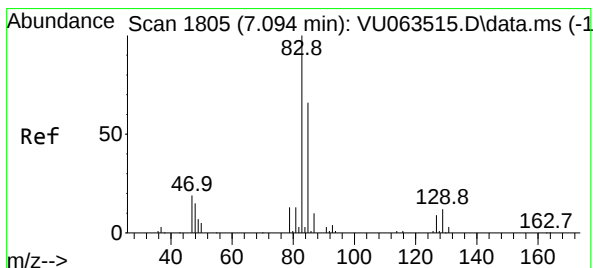
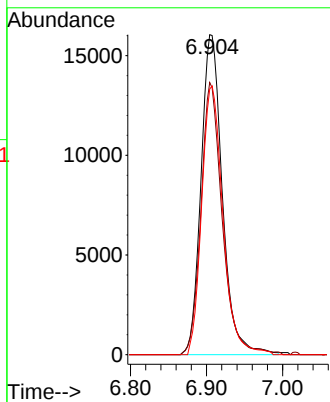
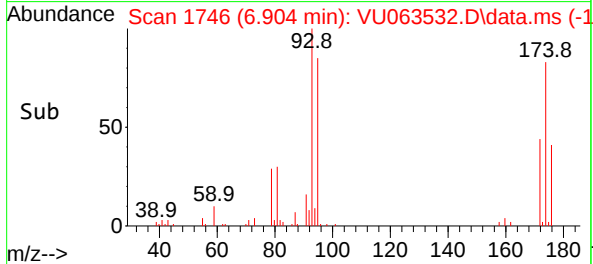
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



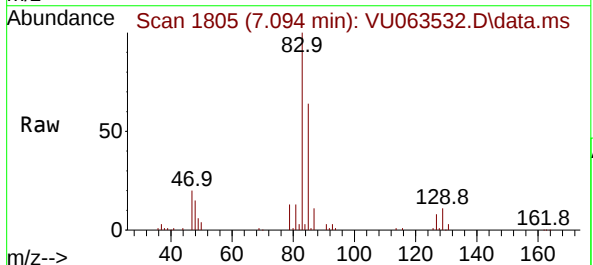
Tgt Ion: 93 Resp: 31338
Ion Ratio Lower Upper
93 100
95 84.9 67.9 101.9
174 83.8 74.6 111.8

Manual Integrations
APPROVED

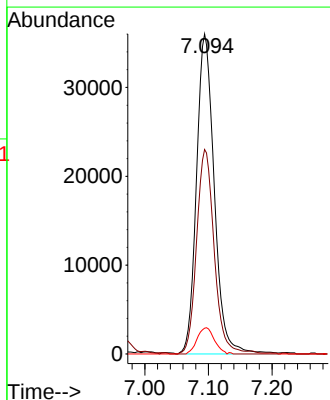
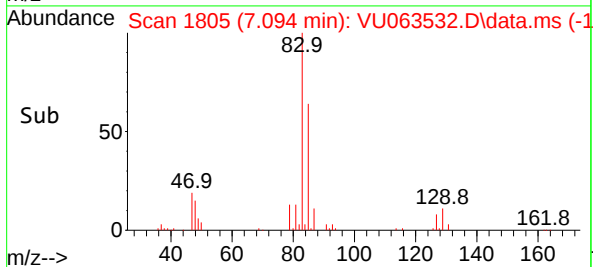
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

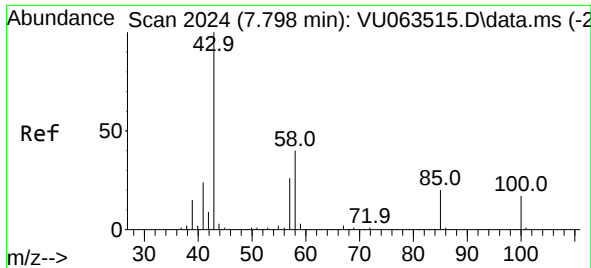


#44
Bromodichloromethane
Concen: 9.806 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11



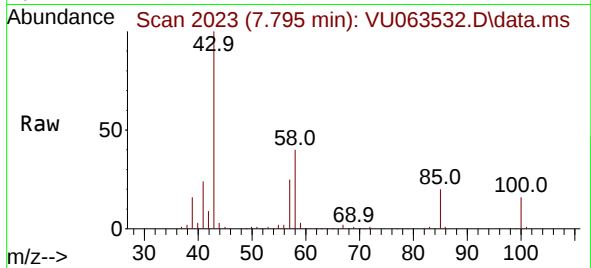
Tgt Ion: 83 Resp: 69921
Ion Ratio Lower Upper
83 100
85 63.9 52.7 79.1
127 9.0 8.1 12.1





#45
4-Methyl-2-Pentanone
Concen: 52.342 ug/l
RT: 7.795 min Scan# 2024
Delta R.T. -0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

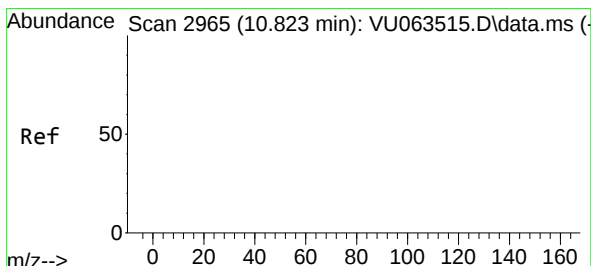
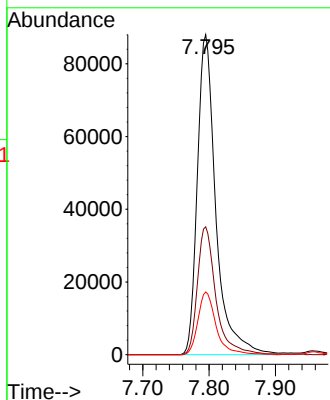
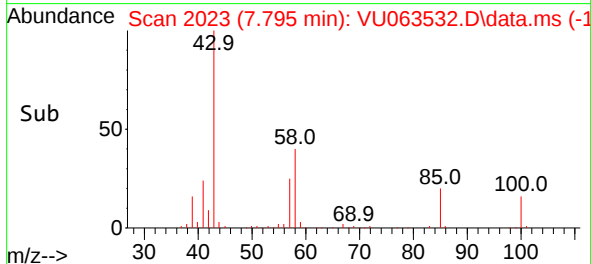
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 170568
Ion Ratio Lower Upper
43 100
58 40.0 20.0 60.0
85 19.3 15.4 23.0

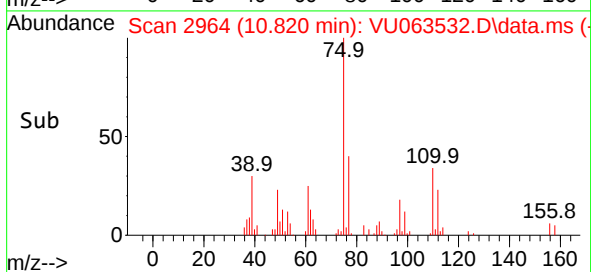
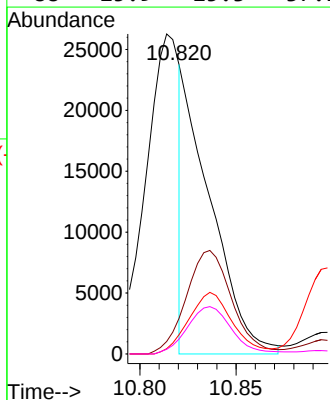
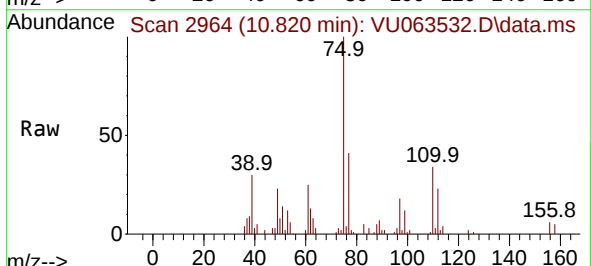
Manual Integrations
APPROVED

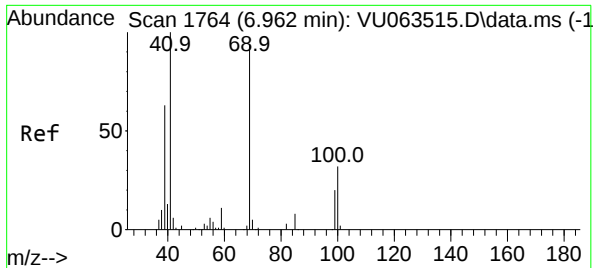
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#46
t-1,4-Dichloro-2-butene
Concen: 19.823 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. -0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

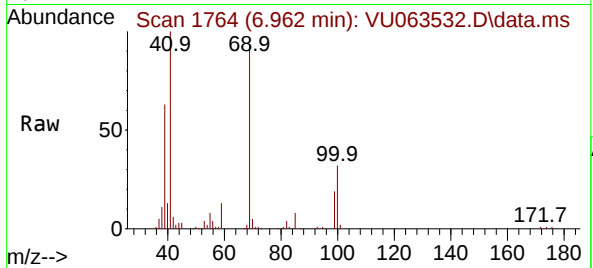
Tgt Ion: 75 Resp: 24249
Ion Ratio Lower Upper
75 100
53 57.7 48.4 72.6
89 33.1 30.6 45.8
88 25.9 25.3 37.9





#47
Methyl methacrylate
Concen: 20.535 ug/l
RT: 6.962 min Scan# 1764
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

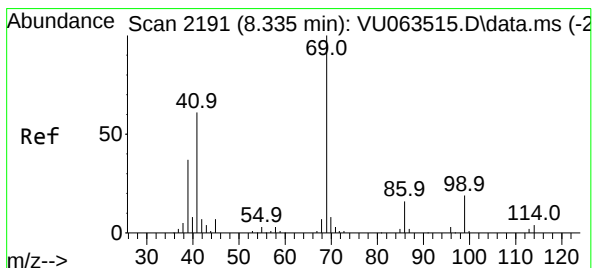
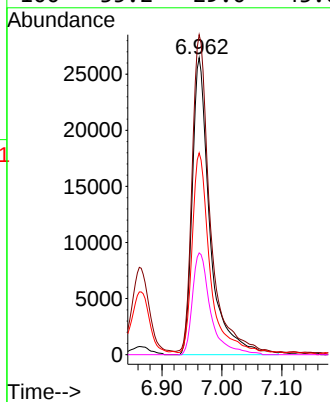
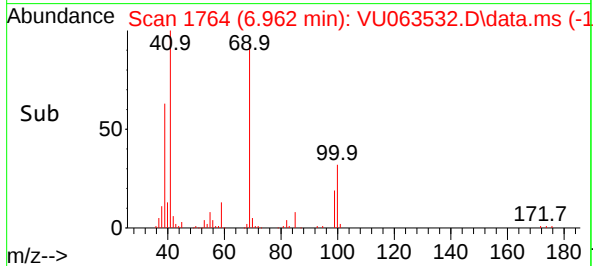
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 69 Resp: 54529
Ion Ratio Lower Upper
69 100
41 109.1 0.0 224.0
39 66.6 55.3 82.9
100 35.2 29.0 43.6

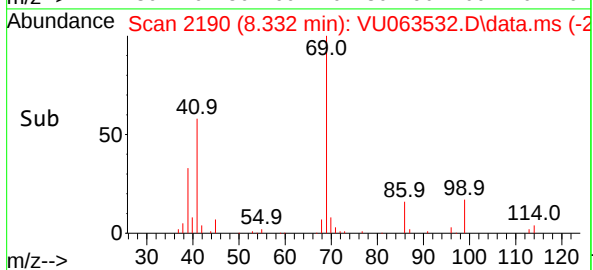
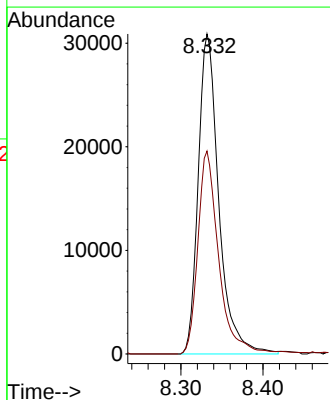
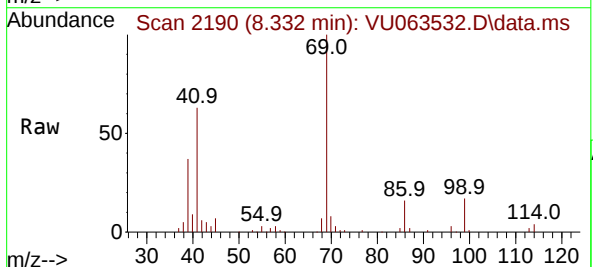
Manual Integrations
APPROVED

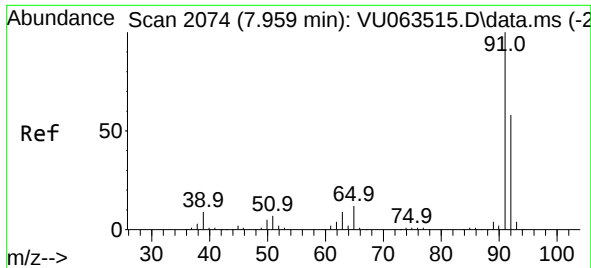
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#48
Ethyl methacrylate
Concen: 10.607 ug/l
RT: 8.332 min Scan# 2190
Delta R.T. -0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

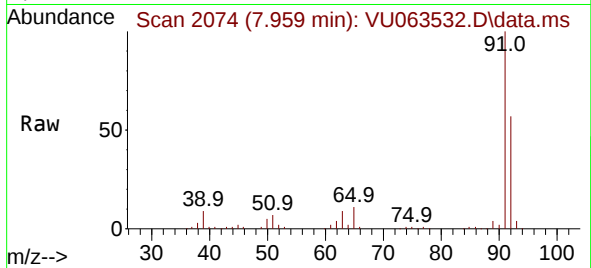
Tgt Ion: 69 Resp: 53751
Ion Ratio Lower Upper
69 100
41 64.1 30.8 92.4





#49
Toluene
Concen: 10.235 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

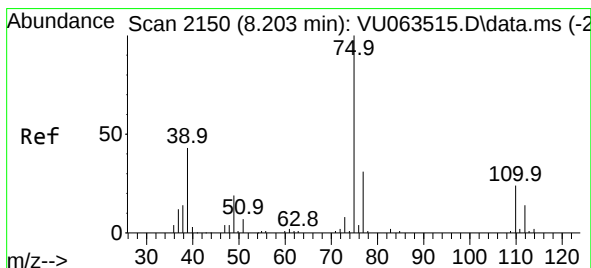
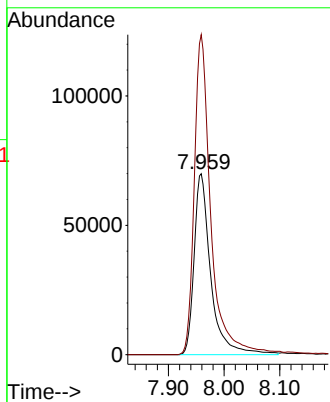
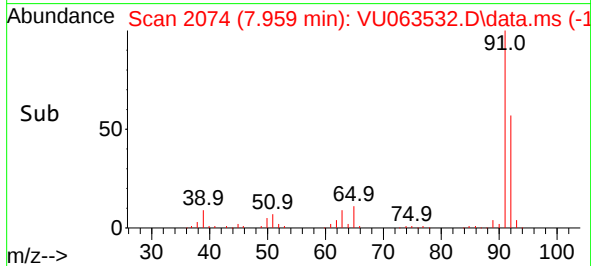
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 92 Resp: 145734
Ion Ratio Lower Upper
92 100
91 175.5 140.4 210.6

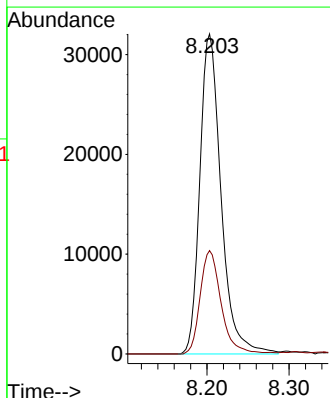
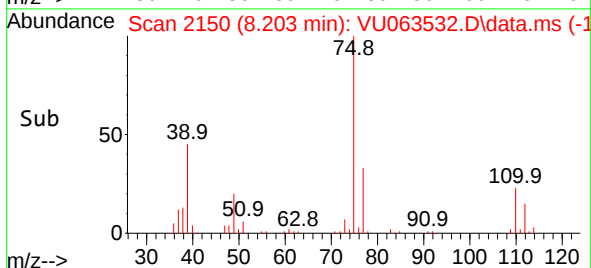
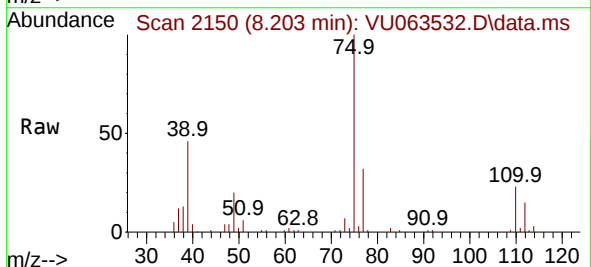
Manual Integrations
APPROVED

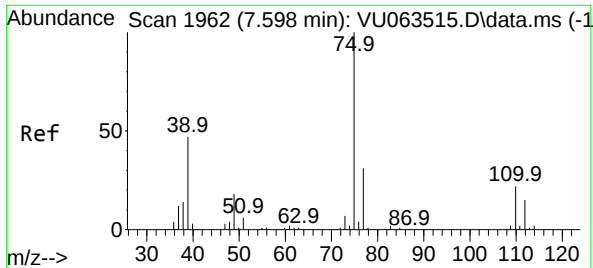
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#50
t-1,3-Dichloropropene
Concen: 10.291 ug/l
RT: 8.203 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

Tgt Ion: 75 Resp: 57571
Ion Ratio Lower Upper
75 100
77 32.3 24.9 37.3





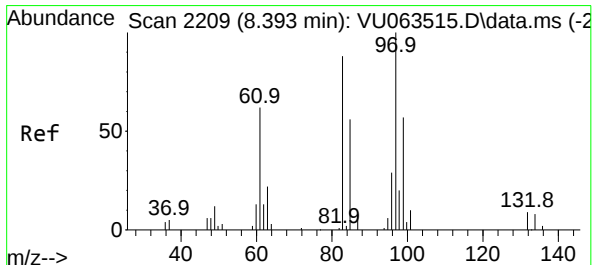
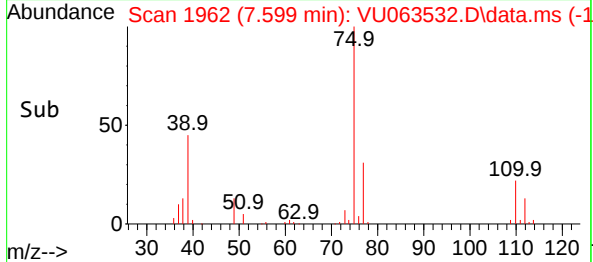
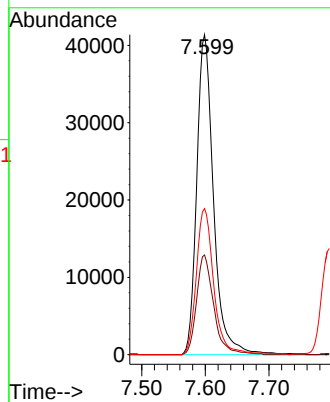
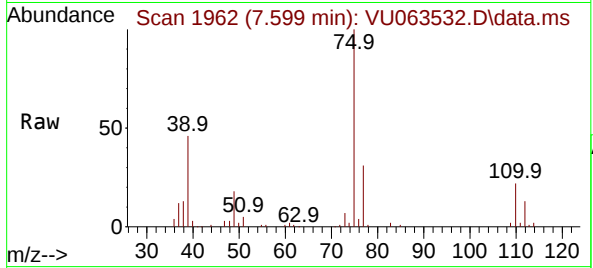
#51
 cis-1,3-Dichloropropene
 Concen: 10.099 ug/l
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU063532.D
 Acq: 18 Jul 2025 09:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 75 Resp: 7583
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.1 37.7
 39 45.4 37.8 56.6

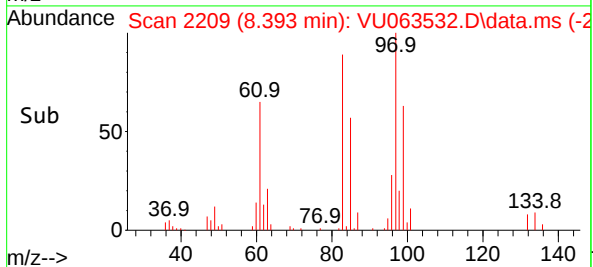
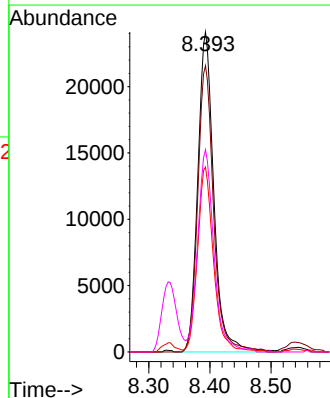
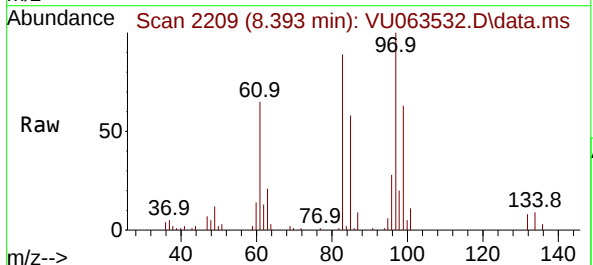
Manual Integrations
 APPROVED

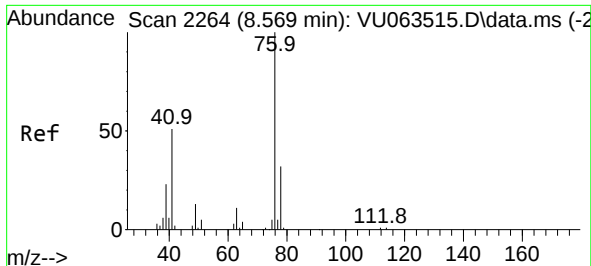
Reviewed By :Mahesh Dadoda 07/21/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025



#52
 1,1,2-Trichloroethane
 Concen: 10.327 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.000 min
 Lab File: VU063532.D
 Acq: 18 Jul 2025 09:11

Tgt Ion: 97 Resp: 43960
 Ion Ratio Lower Upper
 97 100
 83 89.5 70.2 105.2
 85 57.8 45.2 67.8
 99 63.2 50.1 75.1





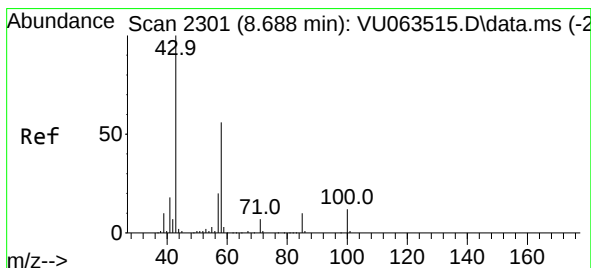
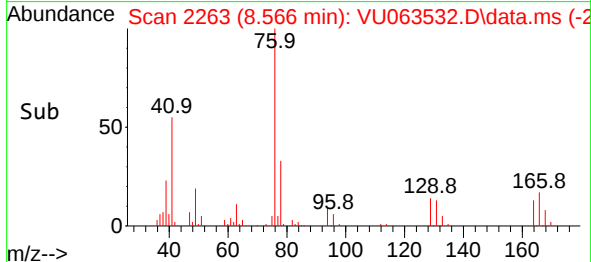
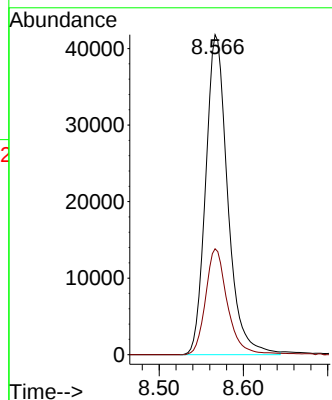
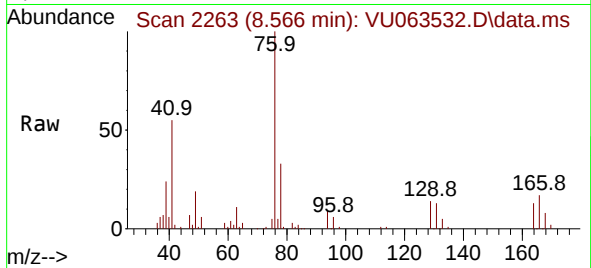
#53
1,3-Dichloropropane
Concen: 10.333 ug/l
RT: 8.566 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 7593
Ion Ratio Lower Upper
76 100
78 33.2 26.0 39.0

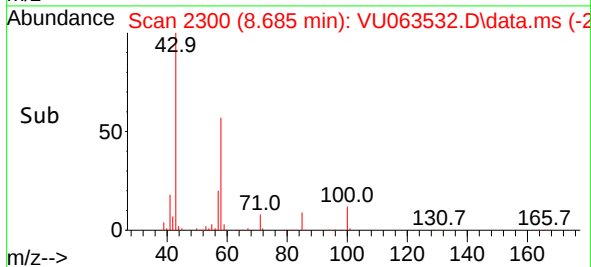
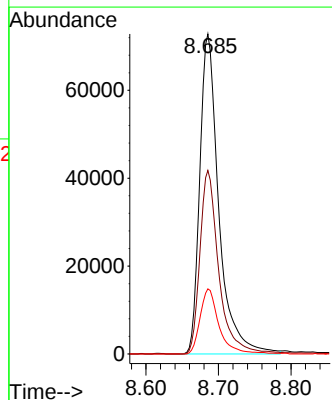
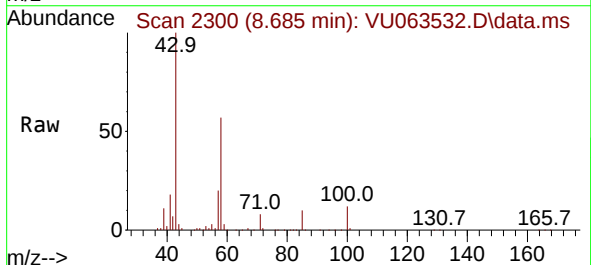
Manual Integrations
APPROVED

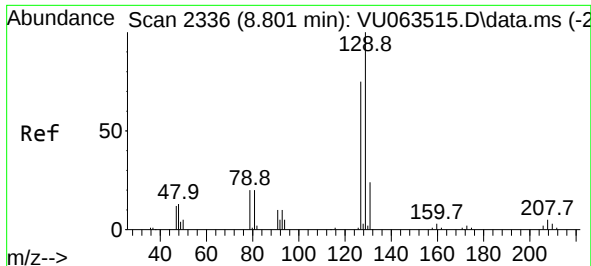
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#54
2-Hexanone
Concen: 61.353 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. -0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

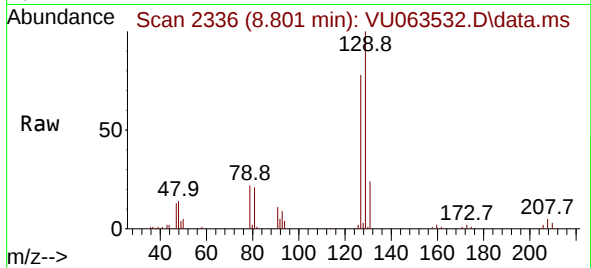
Tgt Ion: 43 Resp: 132800
Ion Ratio Lower Upper
43 100
58 56.9 34.8 74.8
57 20.2 0.0 39.5





#55
Dibromochloromethane
Concen: 10.403 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

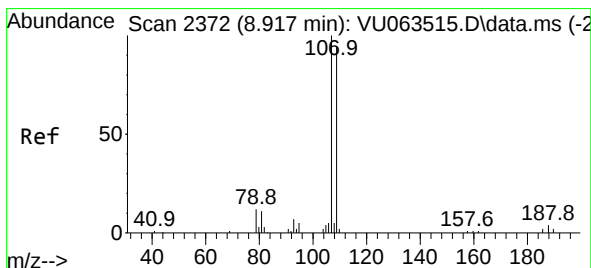
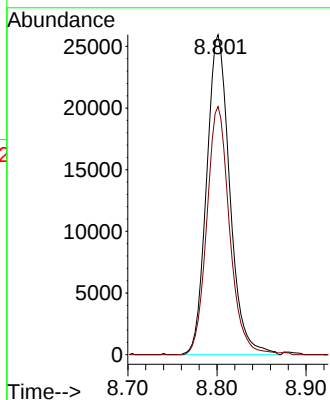
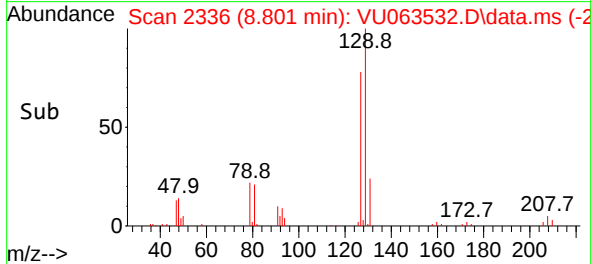
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:129 Resp: 46798
Ion Ratio Lower Upper
129 100
127 76.3 60.1 90.1

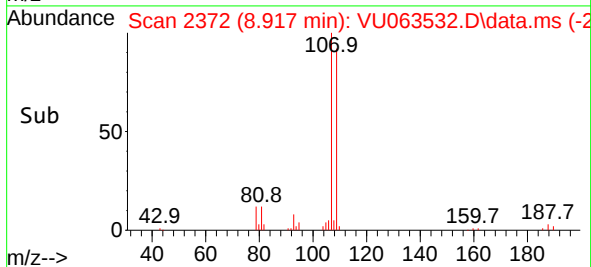
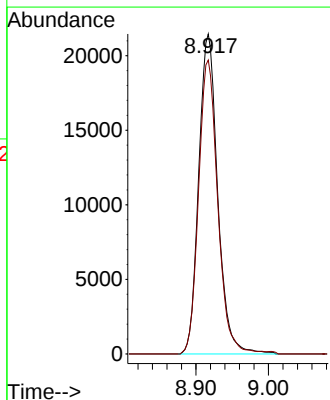
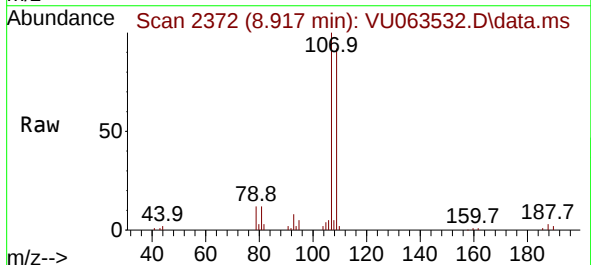
Manual Integrations
APPROVED

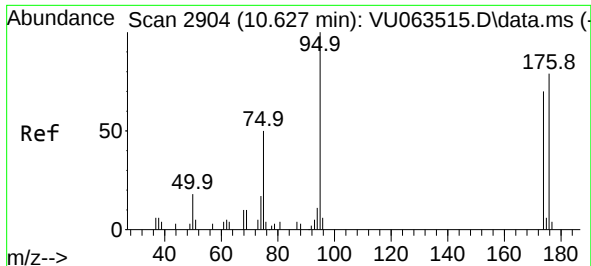
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#56
1,2-Dibromoethane
Concen: 10.244 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

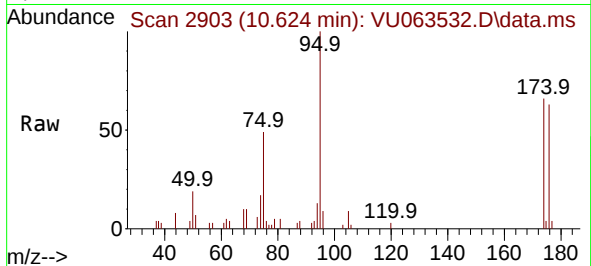
Tgt Ion:107 Resp: 39027
Ion Ratio Lower Upper
107 100
109 92.6 0.0 186.4





#57
4-Bromofluorobenzene
Concen: 1.121 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

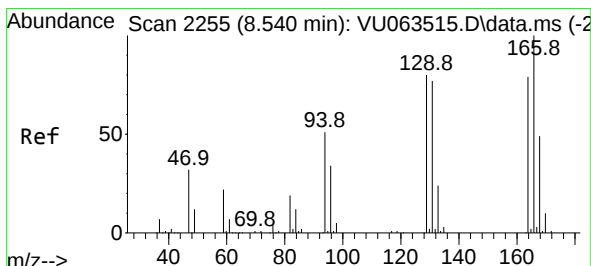
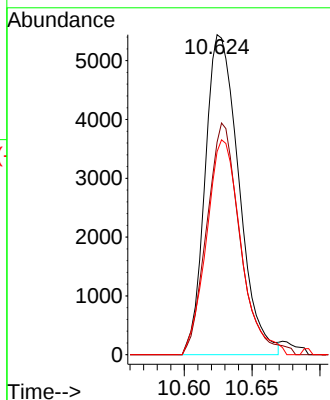
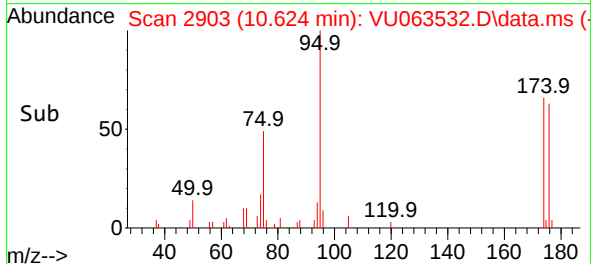
Instrument : MSVOA_U
ClientSampleId : VSTDCCC010



Tgt Ion: 95 Resp: 9400
Ion Ratio Lower Upper
95 100
174 71.5 59.8 89.8
176 68.7 61.8 92.8

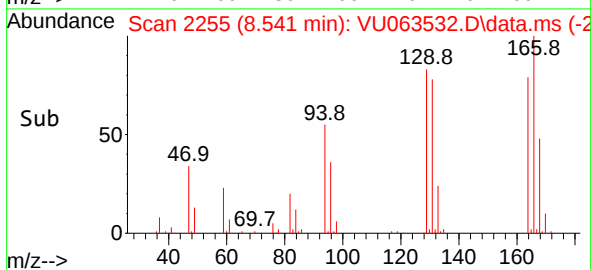
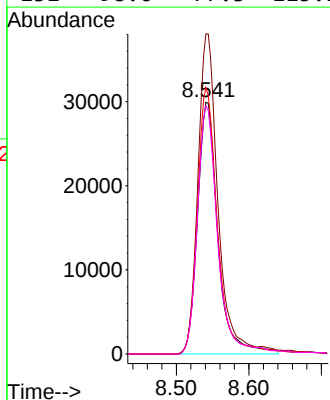
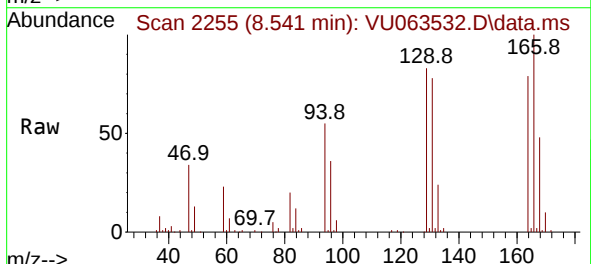
Manual Integrations
APPROVED

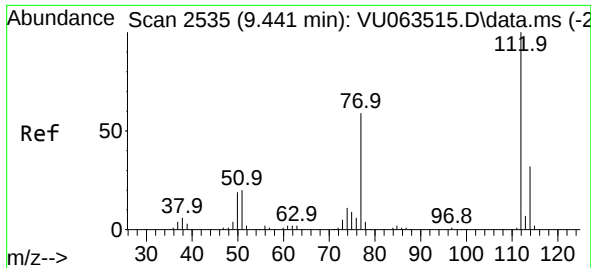
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#58
Tetrachloroethene
Concen: 9.565 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

Tgt Ion:164 Resp: 58247
Ion Ratio Lower Upper
164 100
166 127.2 100.7 151.1
129 105.9 80.6 120.8
131 98.6 77.3 115.9





#59

Chlorobenzene

Concen: 10.249 ug/l

RT: 9.438 min Scan# 2534

Delta R.T. -0.003 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:112 Resp: 16761

Ion Ratio Lower Upper

112 100

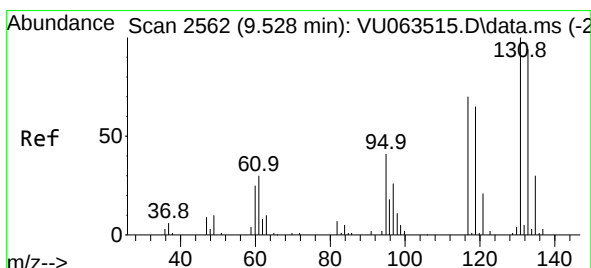
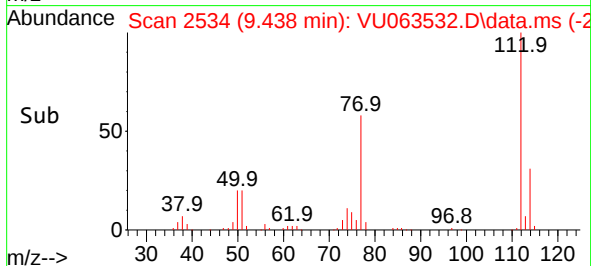
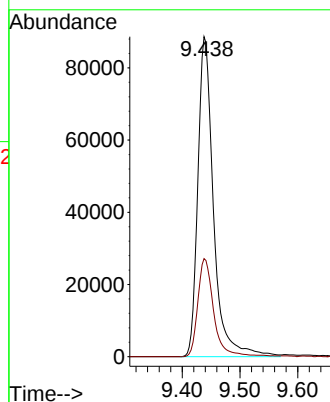
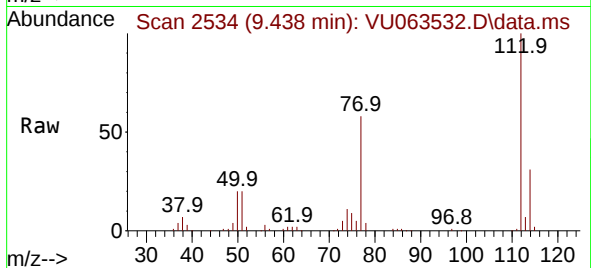
114 30.6 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#60

1,1,1,2-Tetrachloroethane

Concen: 10.060 ug/l

RT: 9.525 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

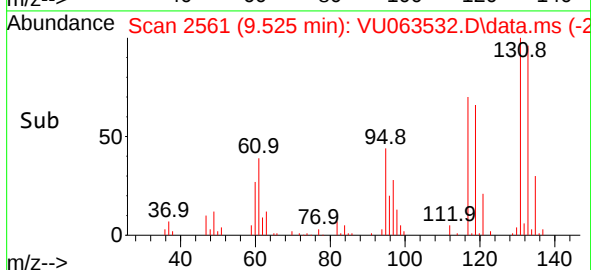
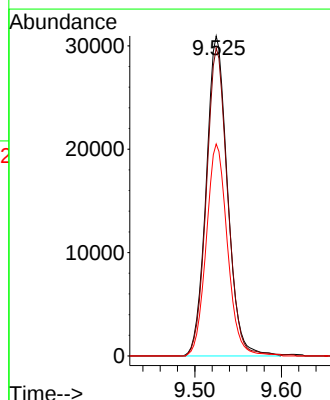
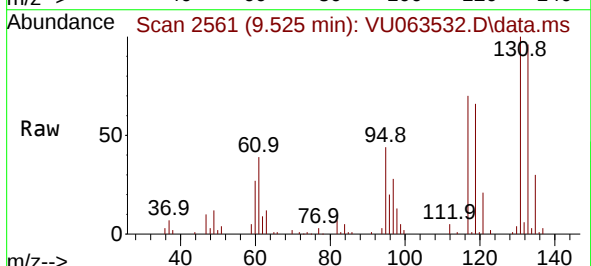
Tgt Ion:131 Resp: 52907

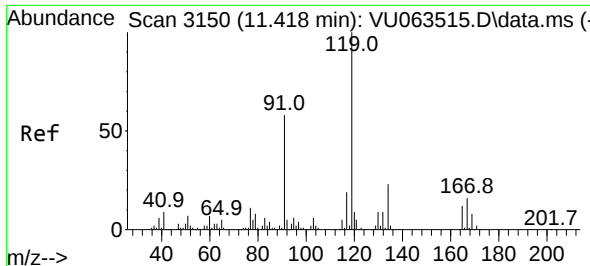
Ion Ratio Lower Upper

131 100

133 95.9 74.7 112.1

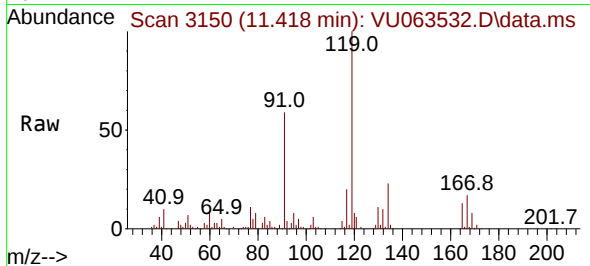
119 65.9 53.0 79.4





#61
Pentachloroethane
Concen: 10.796 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

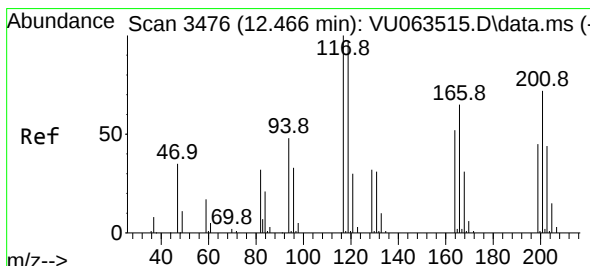
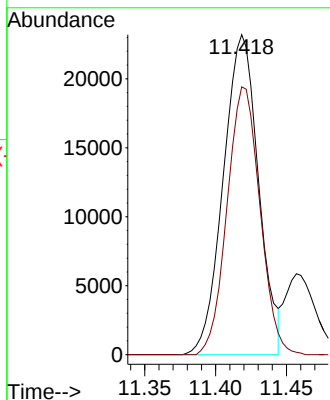
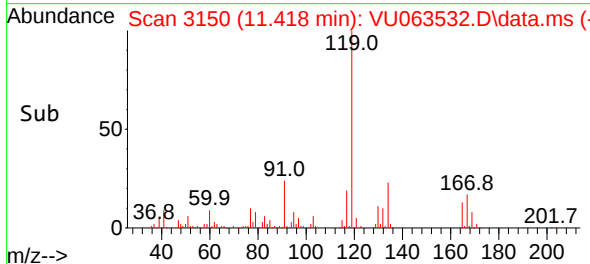
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



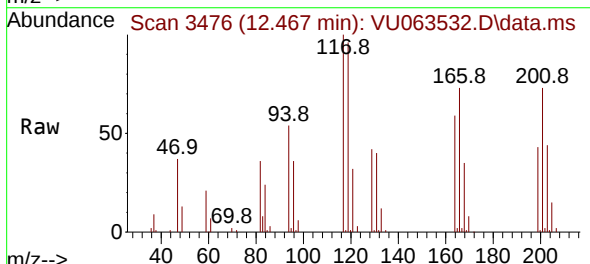
Tgt Ion:117 Resp: 40119
Ion Ratio Lower Upper
117 100
167 78.1 65.0 97.6

Manual Integrations
APPROVED

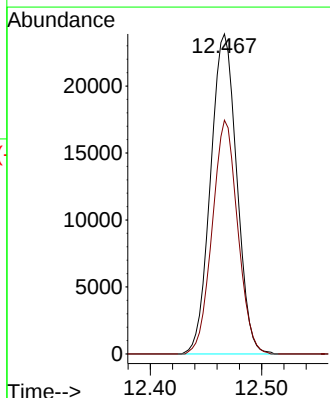
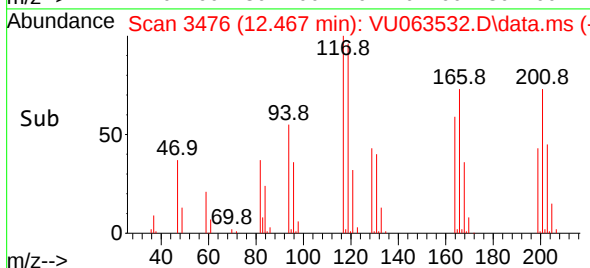
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

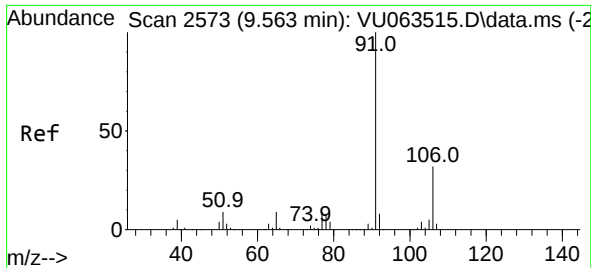


#62
Hexachloroethane
Concen: 10.606 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11



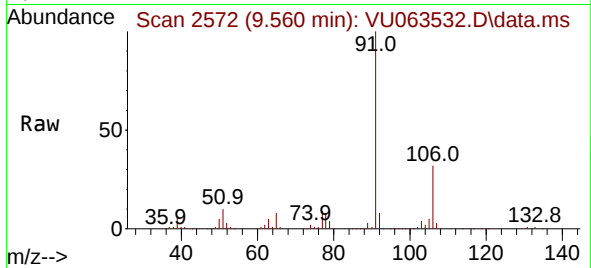
Tgt Ion:117 Resp: 39030
Ion Ratio Lower Upper
117 100
201 71.1 57.4 86.0





#63
Ethyl Benzene
Concen: 10.281 ug/l
RT: 9.560 min Scan# 2573
Delta R.T. -0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

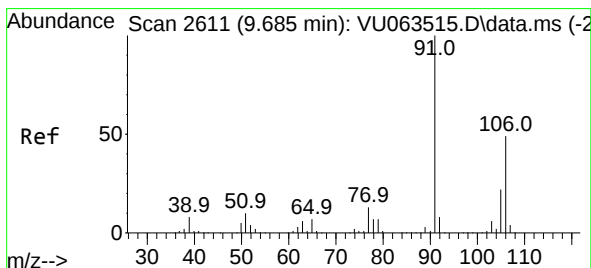
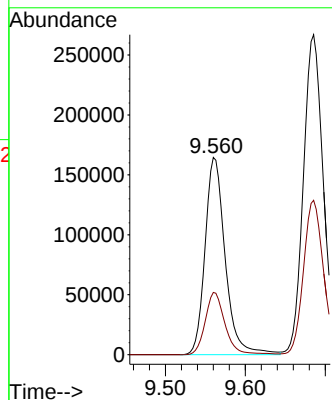
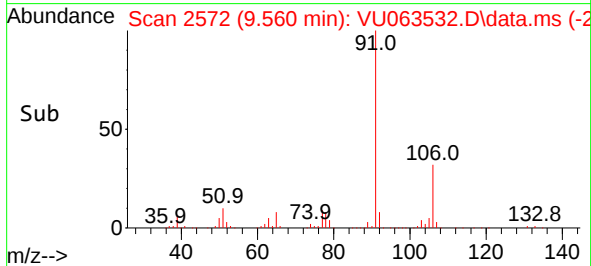
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



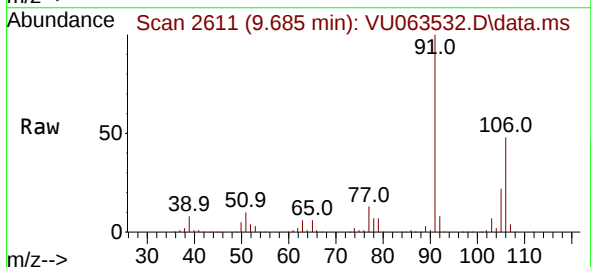
Tgt Ion: 91 Resp: 289339
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.0

Manual Integrations
APPROVED

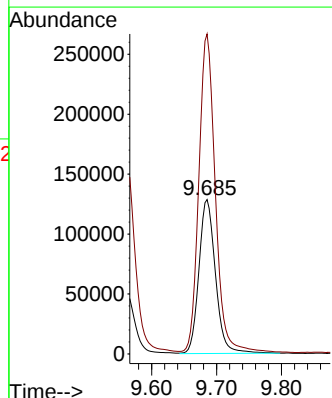
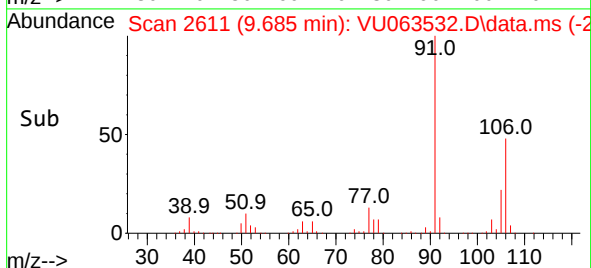
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

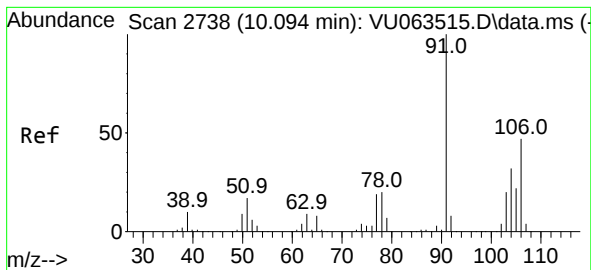


#64
m/p-Xylenes
Concen: 20.884 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11



Tgt Ion:106 Resp: 228441
Ion Ratio Lower Upper
106 100
91 207.6 163.6 245.4





#65

o-Xylene

Concen: 10.626 ug/l

RT: 10.090 min Scan# 2737

Delta R.T. -0.003 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:106 Resp: 111689

Ion Ratio Lower Upper

106 100

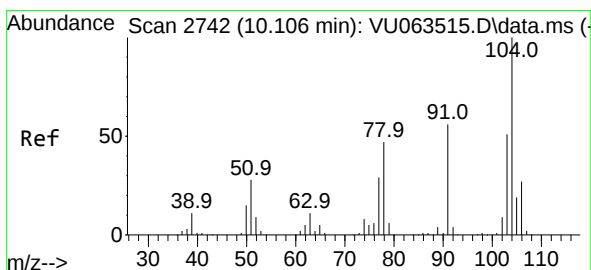
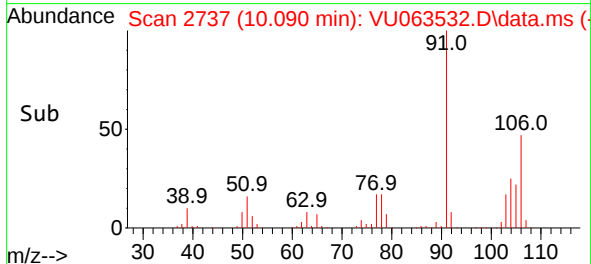
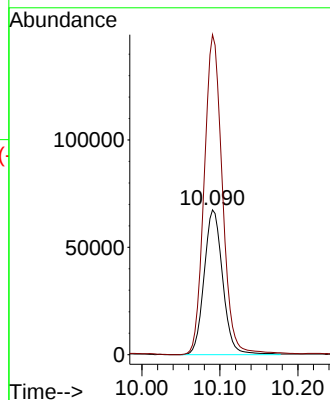
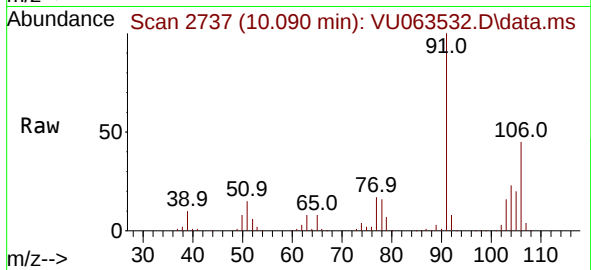
91 217.6 108.1 324.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#66

Styrene

Concen: 10.877 ug/l

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

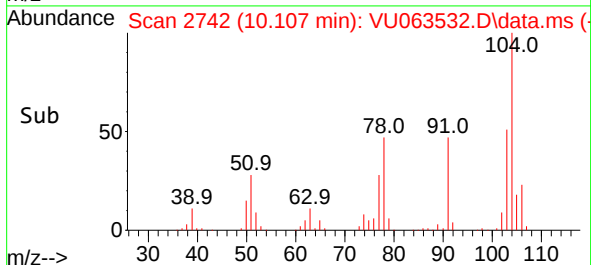
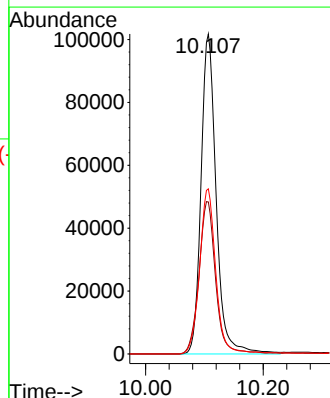
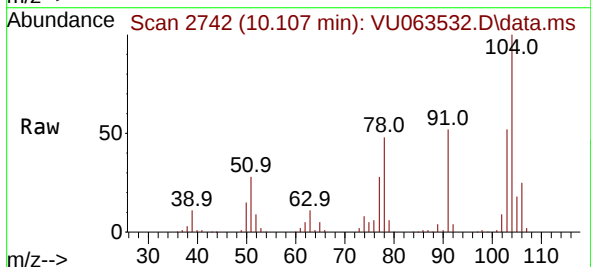
Tgt Ion:104 Resp: 182214

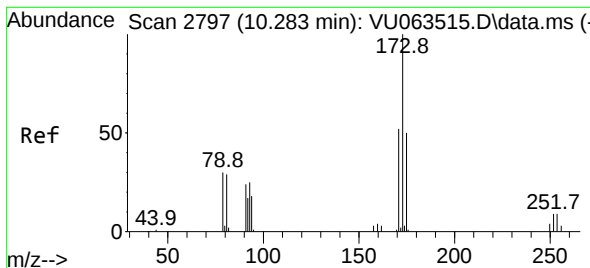
Ion Ratio Lower Upper

104 100

78 51.7 41.3 61.9

103 55.2 43.6 65.4





#67

Bromoform

Concen: 9.853 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

Instrument :

MSVOA_U

ClientSampleId :

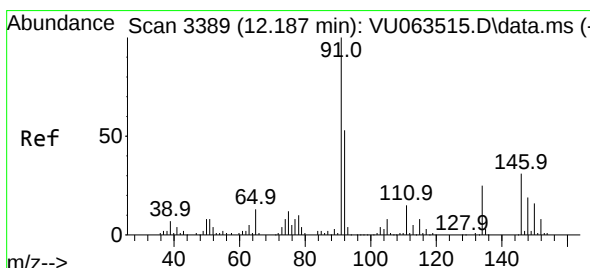
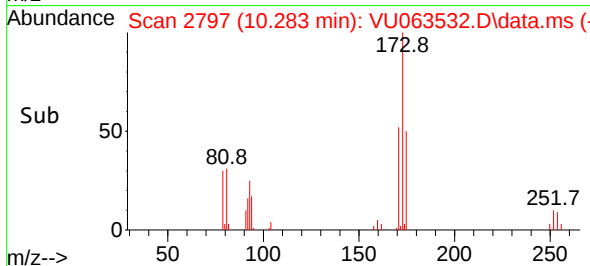
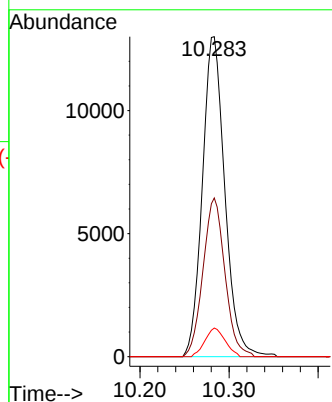
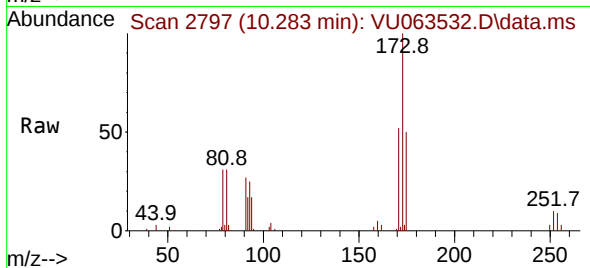
VSTDCCC010

Tgt Ion:	173	Resp:	2276
Ion Ratio	Lower	Upper	
173	100		
175	48.3	39.0	58.4
254	8.0	6.5	9.7

Manual Integrations

APPROVED

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



#68

1,2-Dichlorobenzene-d4

Concen: 1.089 ug/l

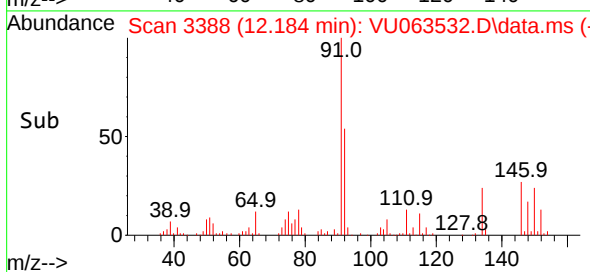
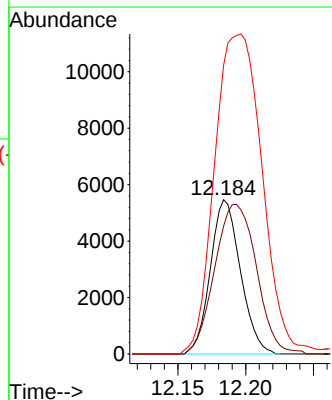
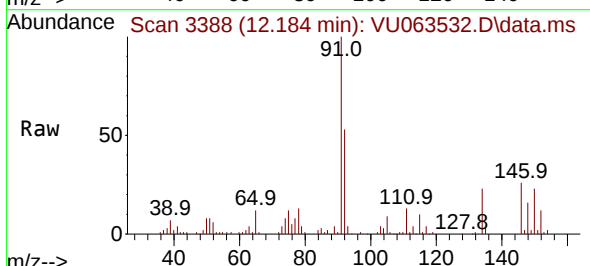
RT: 12.184 min Scan# 3388

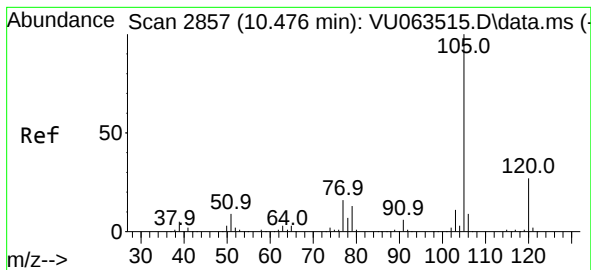
Delta R.T. -0.003 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

Tgt Ion:	152	Resp:	8443
Ion Ratio	Lower	Upper	
152	100		
115	134.3	0.0	262.2
150	327.1	0.0	651.2





#69

Isopropylbenzene

Concen: 10.673 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 27121

Ion Ratio Lower Upper

105 100

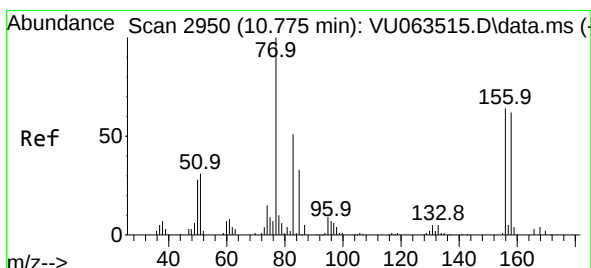
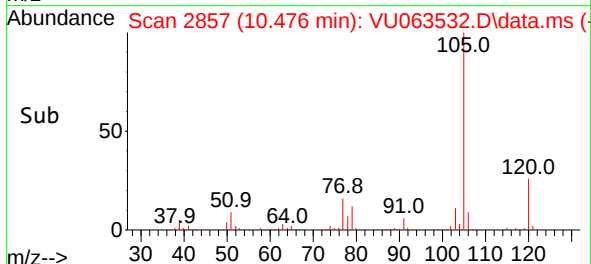
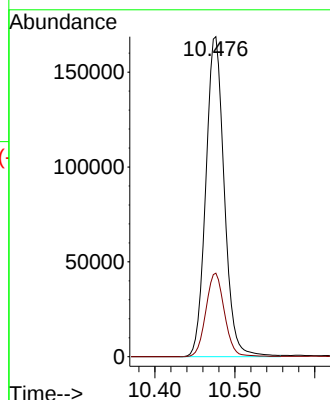
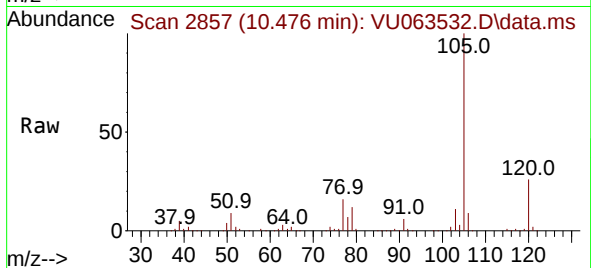
120 26.4 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 10.657 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

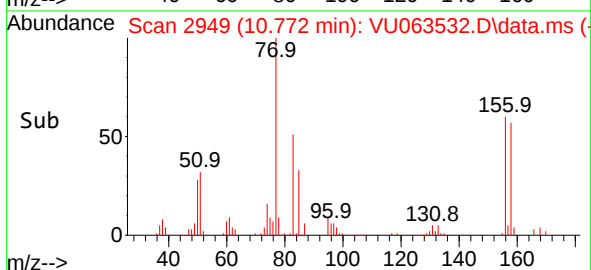
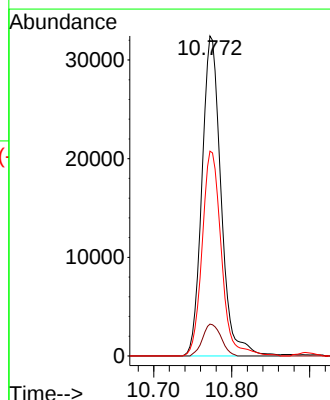
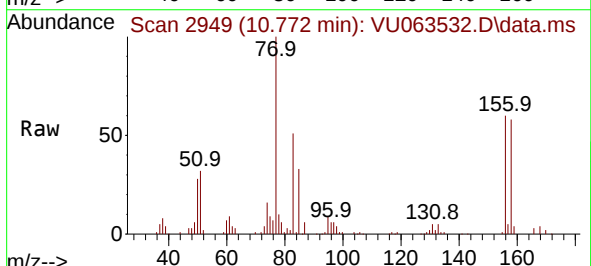
Tgt Ion: 83 Resp: 55200

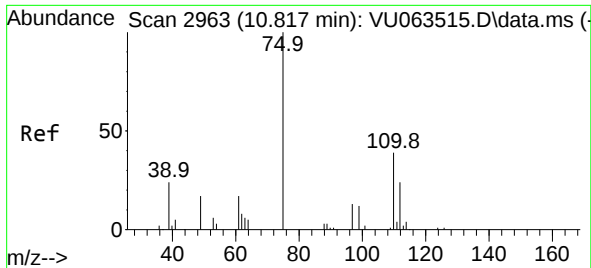
Ion Ratio Lower Upper

83 100

131 9.7 8.4 12.6

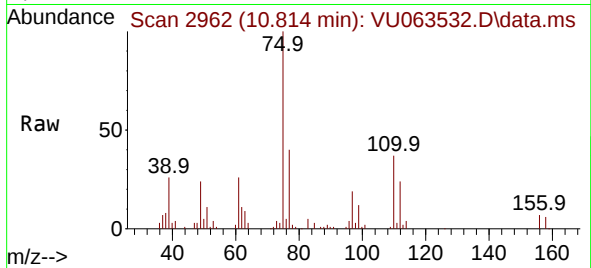
85 64.4 51.9 77.9





#71
1,2,3-Trichloropropane
Concen: 10.198 ug/l m
RT: 10.814 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

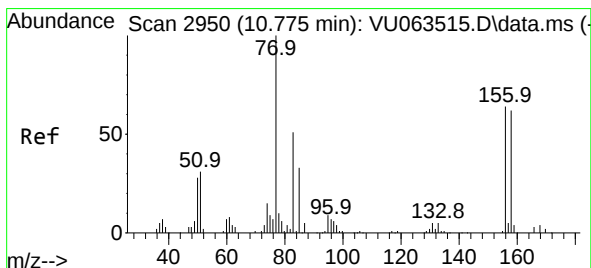
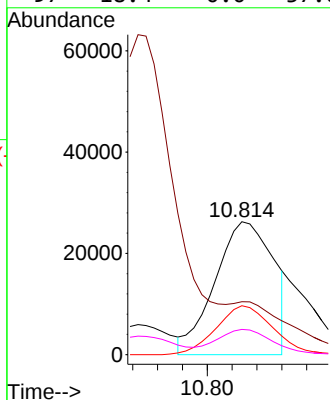
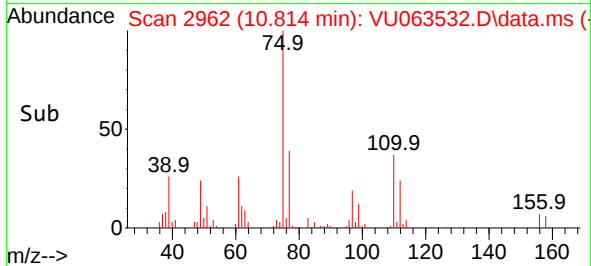
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



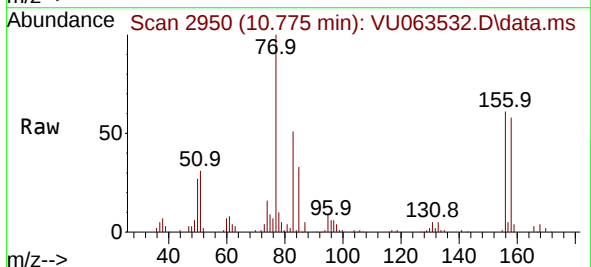
Tgt Ion: 75 Resp: 4290
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 36.0 0.0 73.2
97 18.4 0.0 37.6

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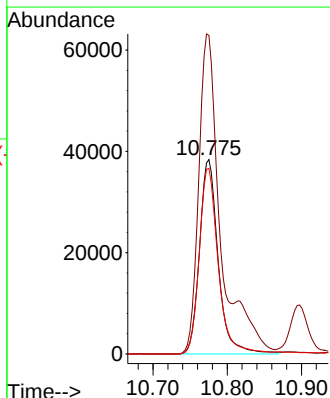
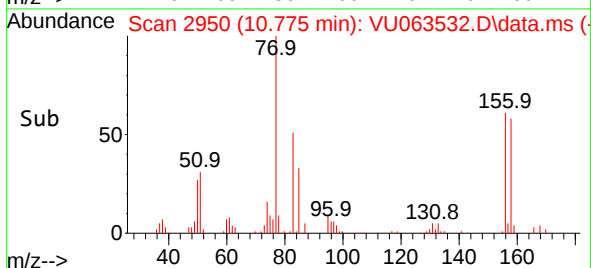
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

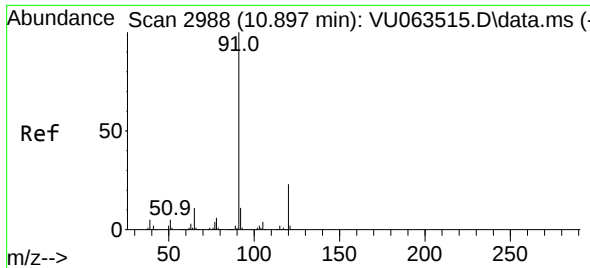


#72
Bromobenzene
Concen: 10.241 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11



Tgt Ion:156 Resp: 67162
Ion Ratio Lower Upper
156 100
77 166.6 0.0 315.2
158 96.7 0.0 195.4





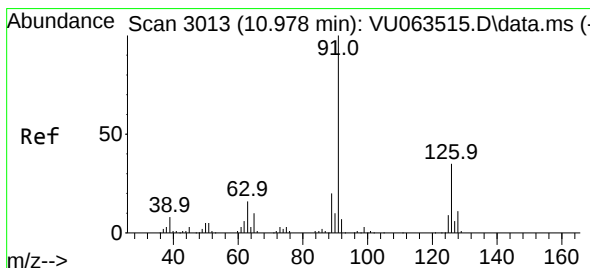
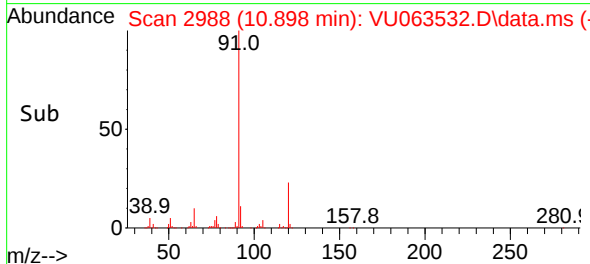
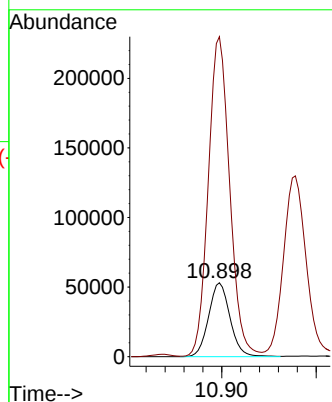
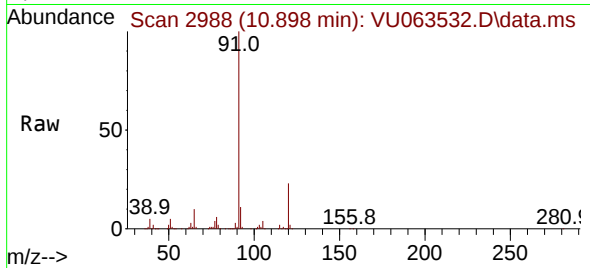
#73
n-propylbenzene
Concen: 10.911 ug/l
RT: 10.898 min Scan# 2988
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:120 Resp: 8346
Ion Ratio Lower Upper
120 100
91 431.5 343.1 514.7

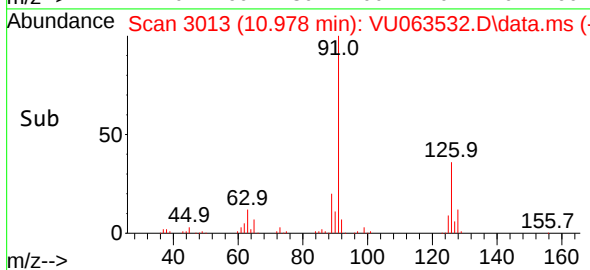
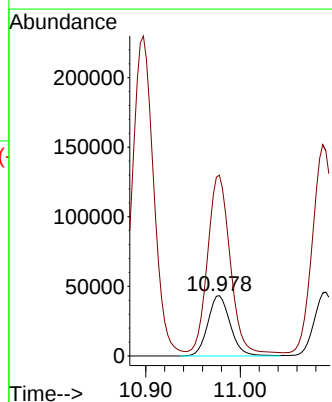
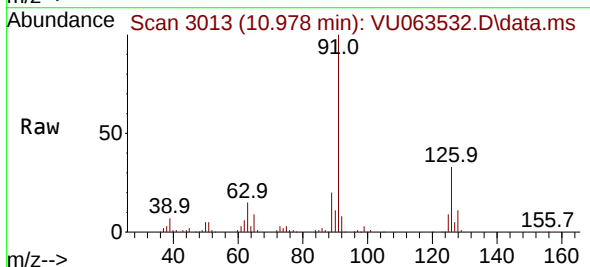
Manual Integrations
APPROVED

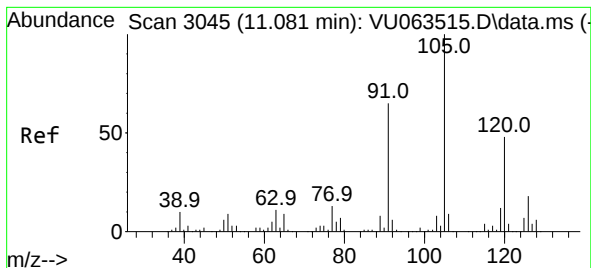
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#74
2-Chlorotoluene
Concen: 10.538 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

Tgt Ion:126 Resp: 71241
Ion Ratio Lower Upper
126 100
91 305.8 0.0 606.0





#75

1,3,5-Trimethylbenzene

Concen: 10.839 ug/l

RT: 11.078 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 26311

Ion Ratio Lower Upper

105 100

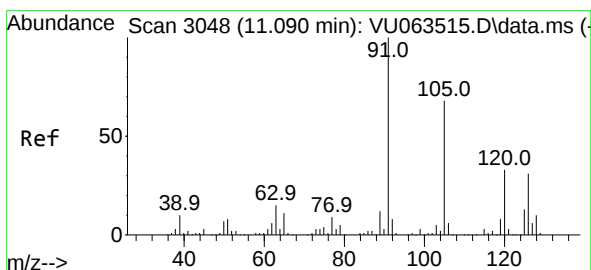
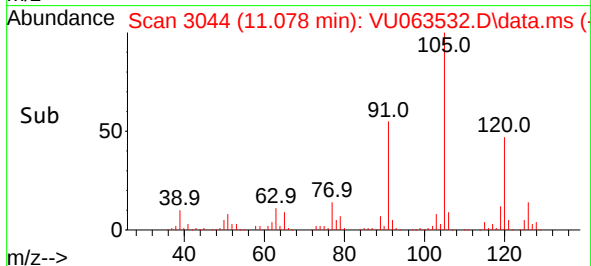
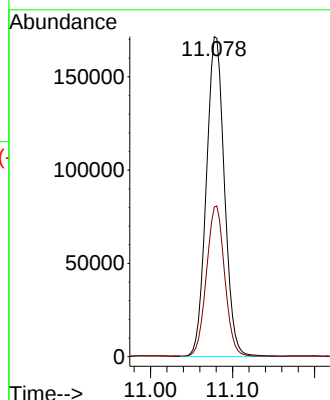
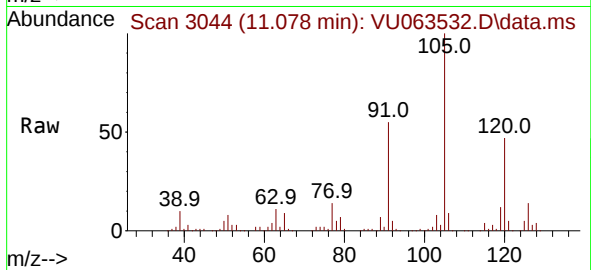
120 47.5 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#76

4-Chlorotoluene

Concen: 10.851 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VU063532.D

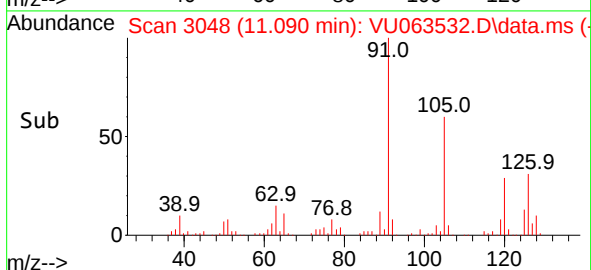
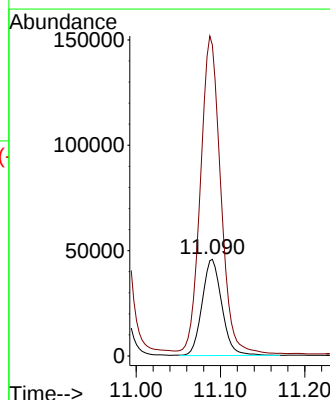
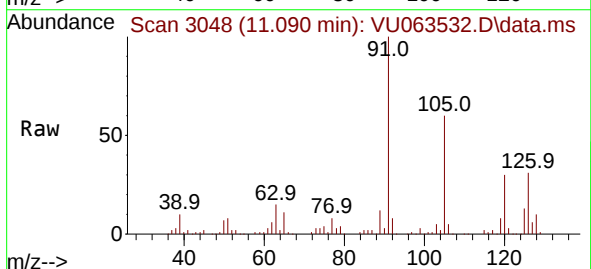
Acq: 18 Jul 2025 09:11

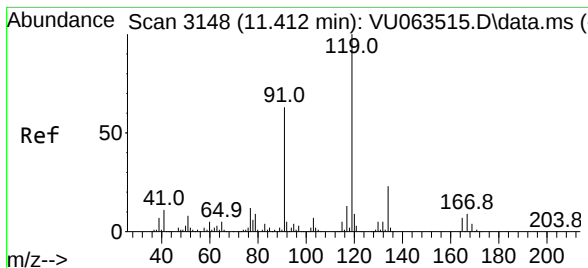
Tgt Ion:126 Resp: 74500

Ion Ratio Lower Upper

126 100

91 339.7 0.0 682.2





#77

tert-Butylbenzene

Concen: 10.723 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 248774

Ion Ratio Lower Upper

119 100

91 62.6 30.7 92.1

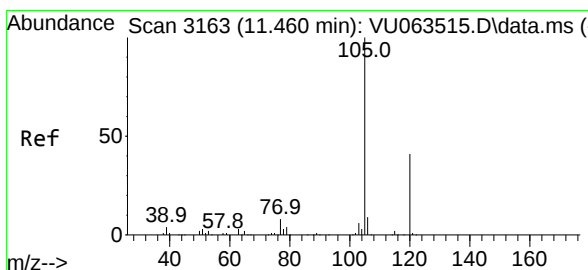
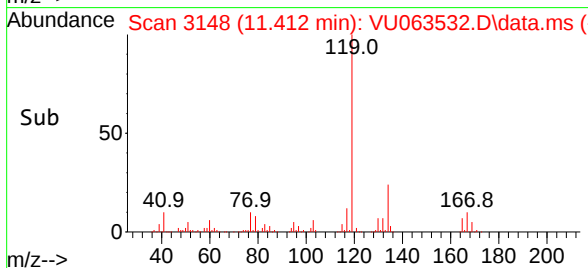
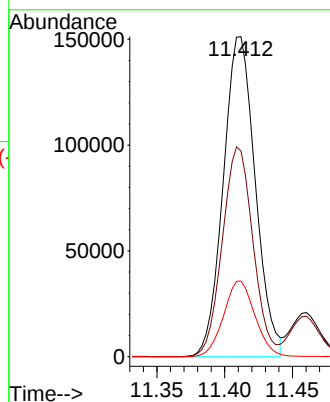
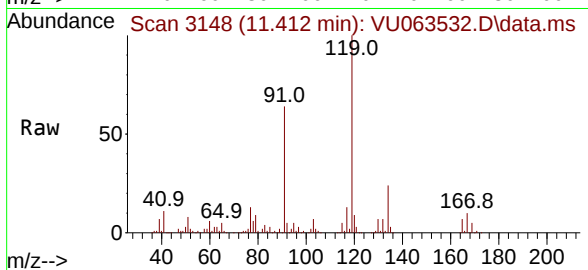
134 23.3 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#78

1,2,4-Trimethylbenzene

Concen: 10.884 ug/l

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU063532.D

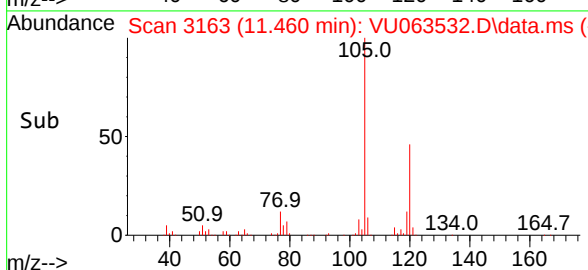
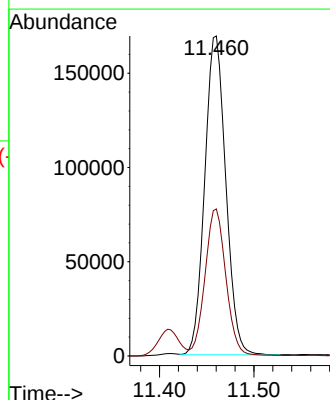
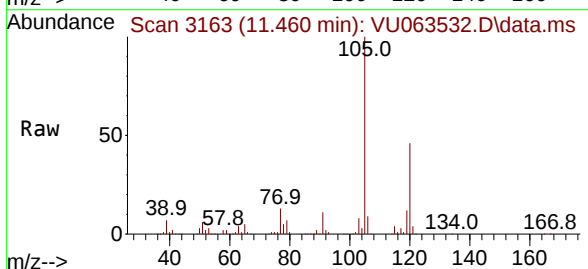
Acq: 18 Jul 2025 09:11

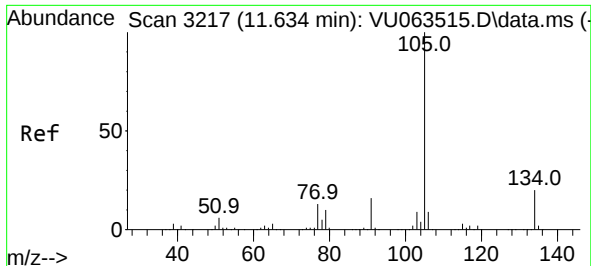
Tgt Ion:105 Resp: 262116

Ion Ratio Lower Upper

105 100

120 45.6 22.7 68.0





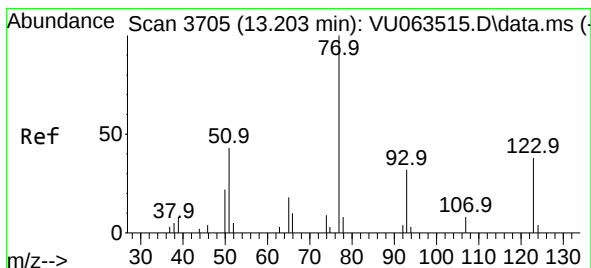
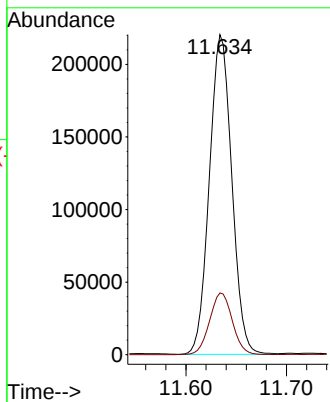
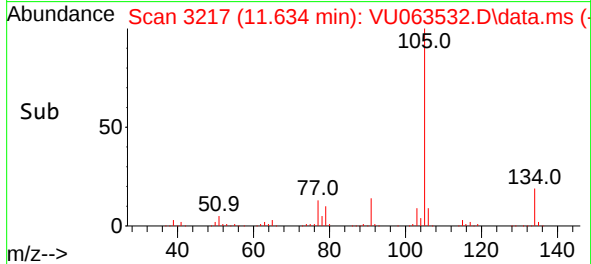
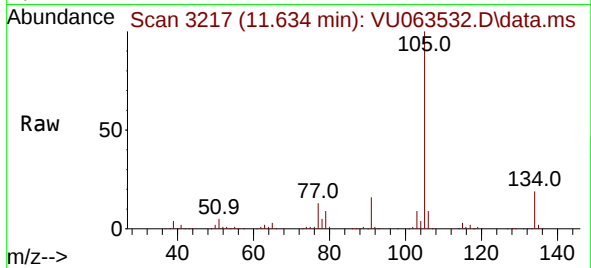
#79
sec-Butylbenzene
Concen: 10.911 ug/l
RT: 11.634 min Scan# 3217
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 341350
Ion Ratio Lower Upper
105 100
134 19.6 16.2 24.4

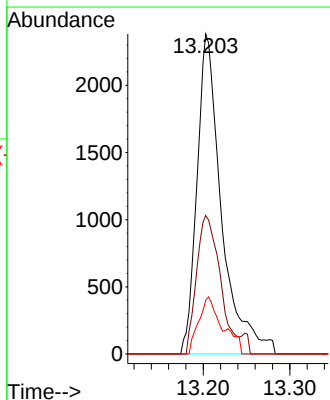
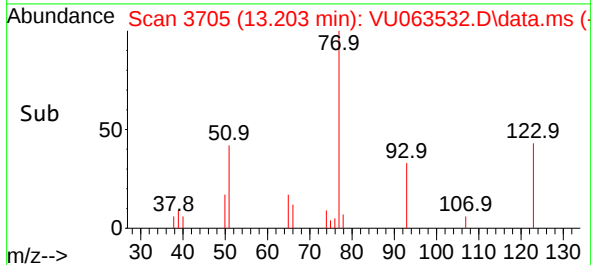
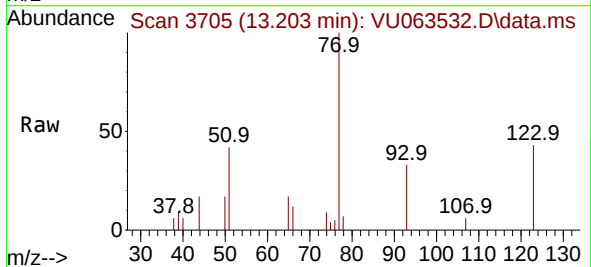
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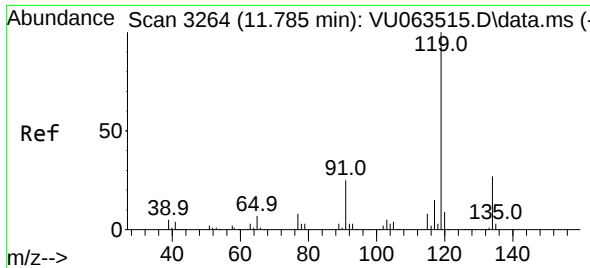
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#80
Nitrobenzene
Concen: 42.376 ug/l
RT: 13.203 min Scan# 3705
Delta R.T. -0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

Tgt Ion: 77 Resp: 4689
Ion Ratio Lower Upper
77 100
123 36.7 16.9 59.7
65 17.3 16.5 20.9





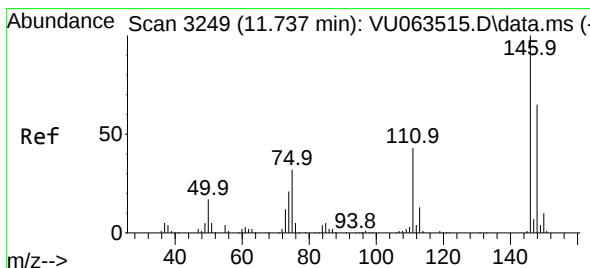
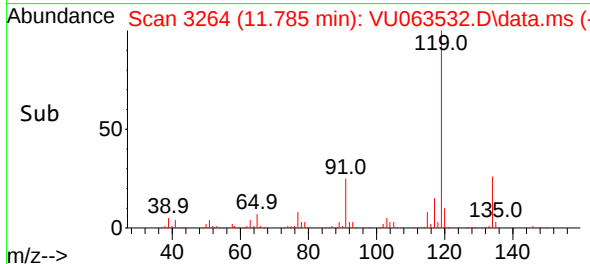
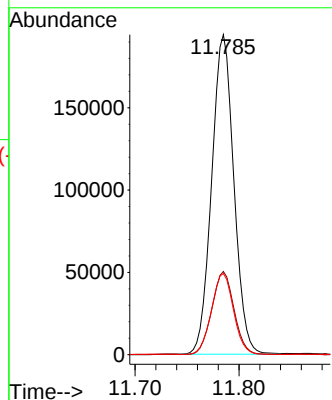
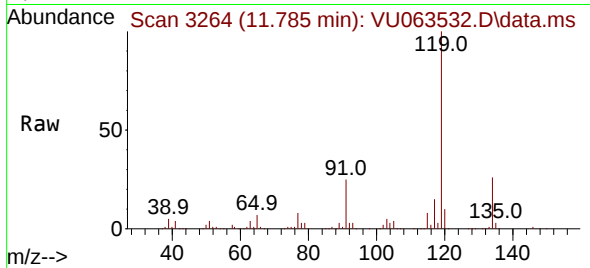
#81
p-Isopropyltoluene
Concen: 11.013 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 28761
Ion Ratio Lower Upper
119 100
134 25.9 21.1 31.7
91 25.1 19.8 29.8

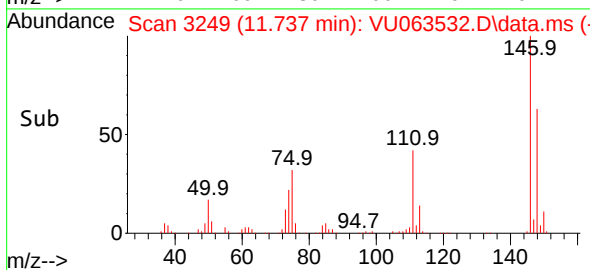
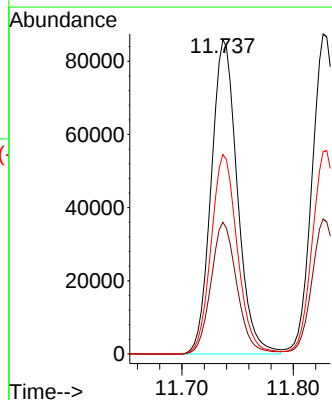
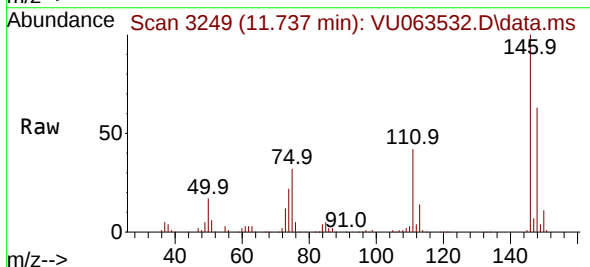
Manual Integrations
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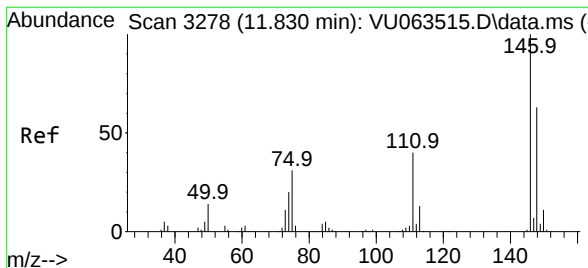
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#82
1,3-Dichlorobenzene
Concen: 10.671 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

Tgt Ion:146 Resp: 140019
Ion Ratio Lower Upper
146 100
111 41.4 33.8 50.6
148 63.8 51.5 77.3





#83

1,4-Dichlorobenzene

Concen: 10.769 ug/l

RT: 11.827 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 14144

Ion Ratio Lower Upper

146 100

111 41.7 32.0 48.0

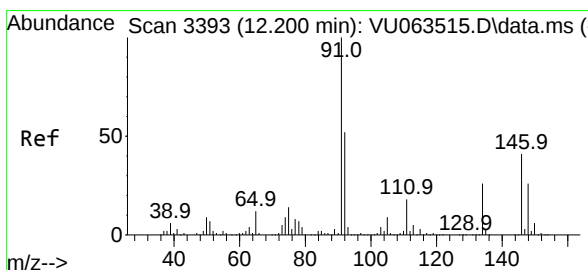
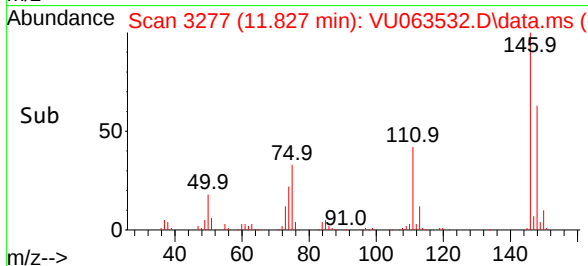
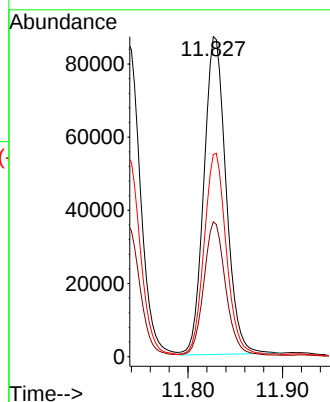
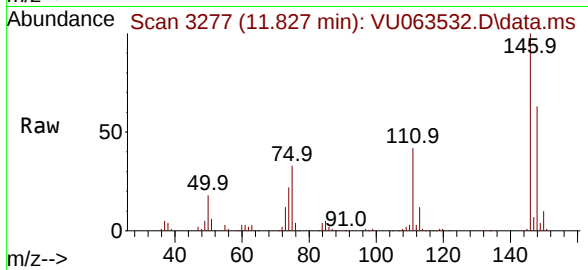
148 63.4 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#84

n-Butylbenzene

Concen: 11.423 ug/l

RT: 12.200 min Scan# 3393

Delta R.T. -0.000 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

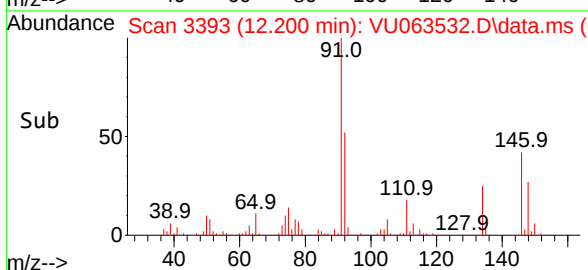
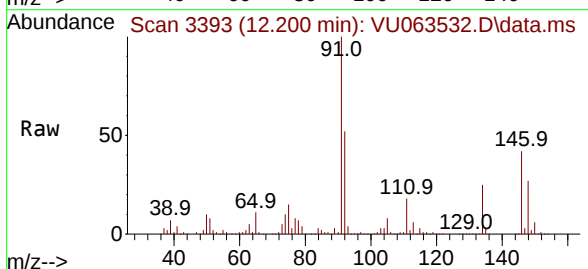
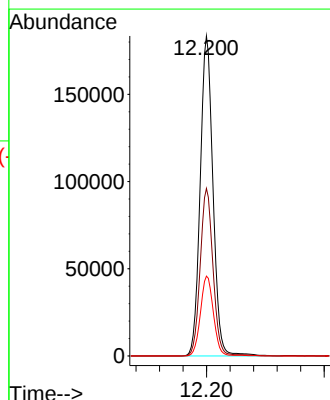
Tgt Ion: 91 Resp: 276678

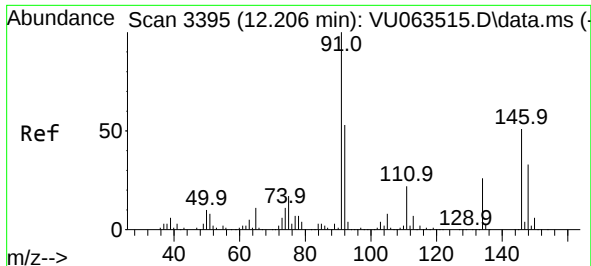
Ion Ratio Lower Upper

91 100

92 52.5 41.5 62.3

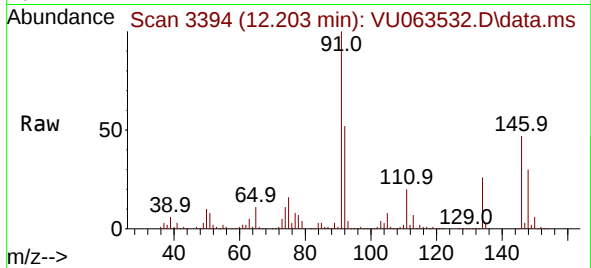
134 25.4 20.6 30.8





#85
1,2-Dichlorobenzene
Concen: 10.868 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.003 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

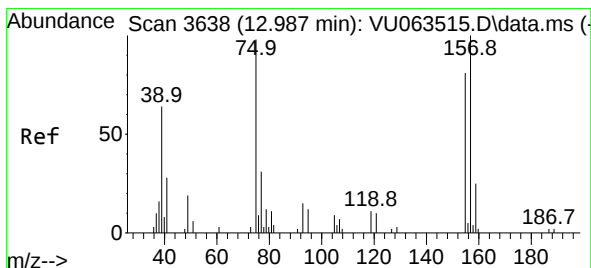
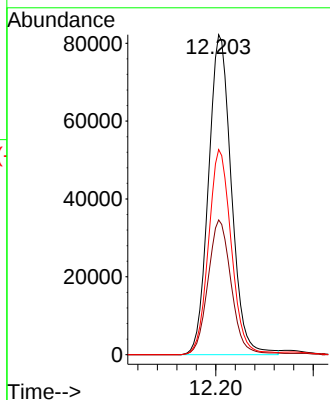
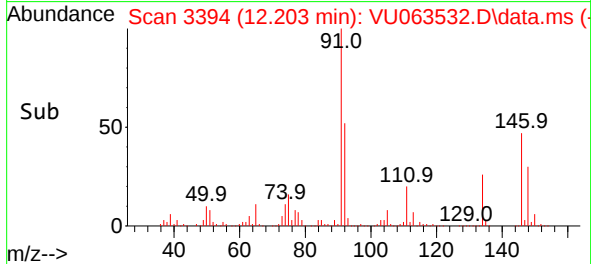
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:146 Resp: 133970
Ion Ratio Lower Upper
146 100
111 42.9 21.7 65.1
148 64.0 31.8 95.3

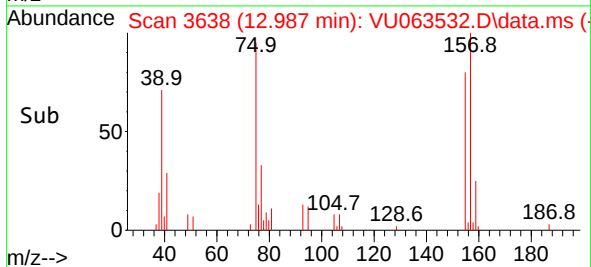
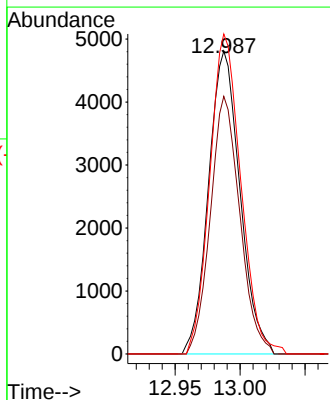
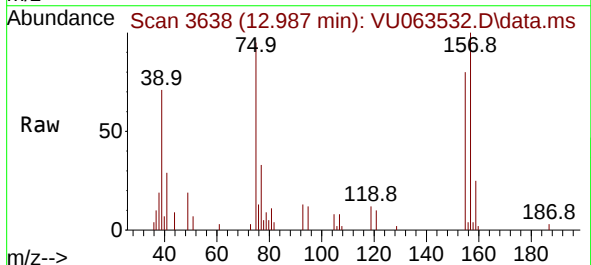
Manual Integrations
APPROVED

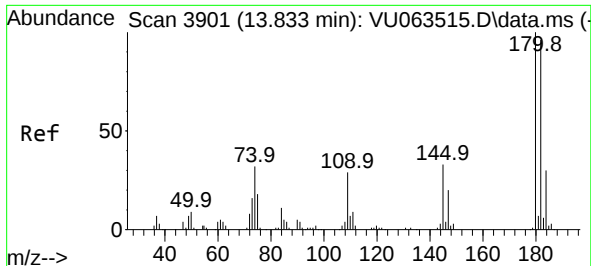
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 9.368 ug/l
RT: 12.987 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

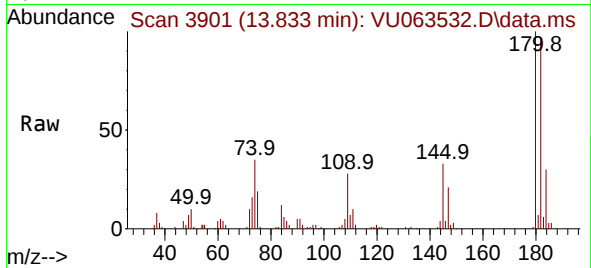
Tgt Ion: 75 Resp: 8081
Ion Ratio Lower Upper
75 100
155 79.6 65.8 98.6
157 104.5 81.4 122.2





#87
1,2,4-Trichlorobenzene
Concen: 10.783 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

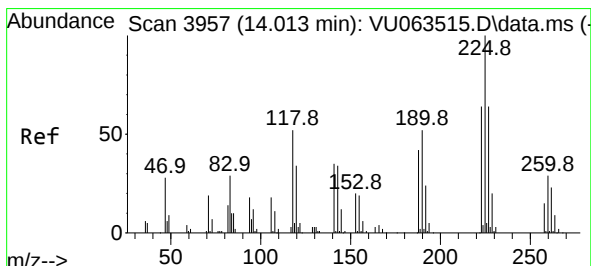
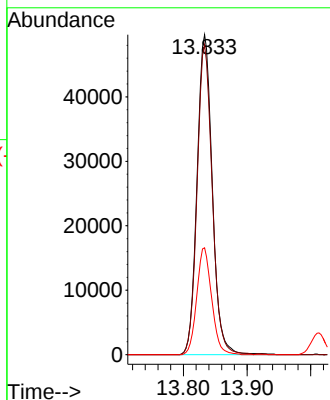
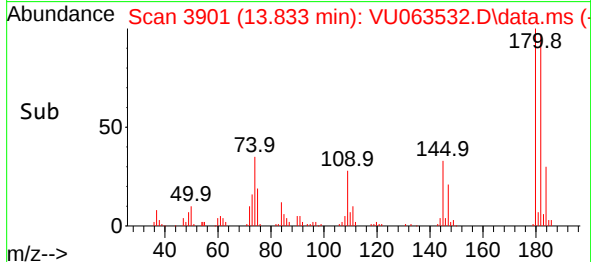
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



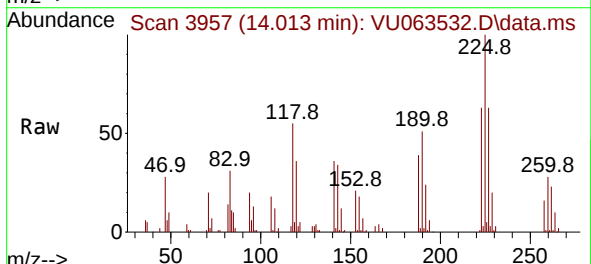
Tgt Ion:180 Resp: 82660
Ion Ratio Lower Upper
180 100
182 95.9 76.2 114.4
145 32.6 26.2 39.2

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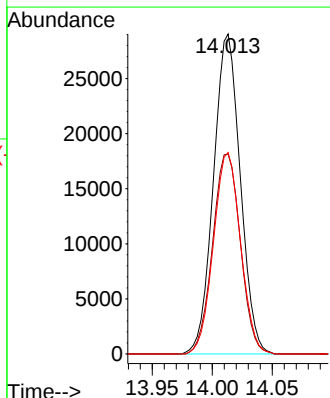
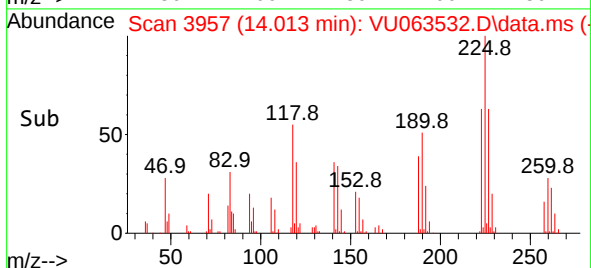
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

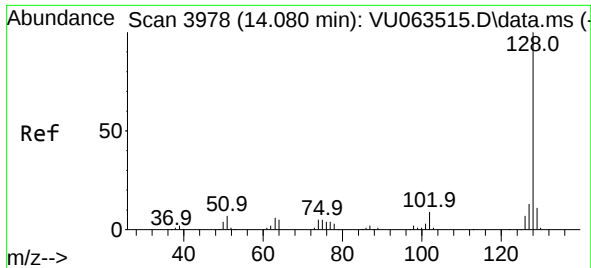


#88
Hexachlorobutadiene
Concen: 10.355 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11



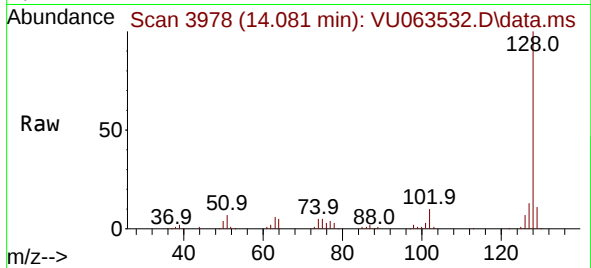
Tgt Ion:225 Resp: 45081
Ion Ratio Lower Upper
225 100
223 64.6 50.8 76.2
227 63.6 51.0 76.6





#89
Naphthalene
Concen: 10.991 ug/l
RT: 14.081 min Scan# 3978
Delta R.T. 0.001 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

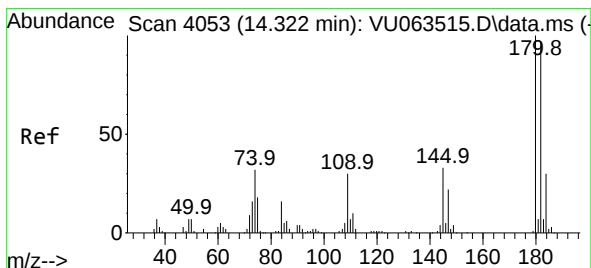
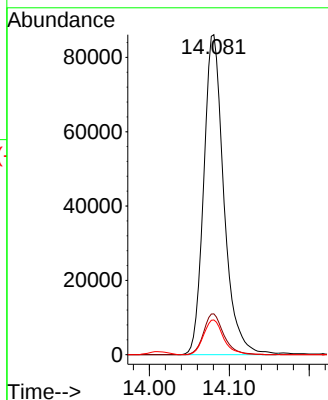
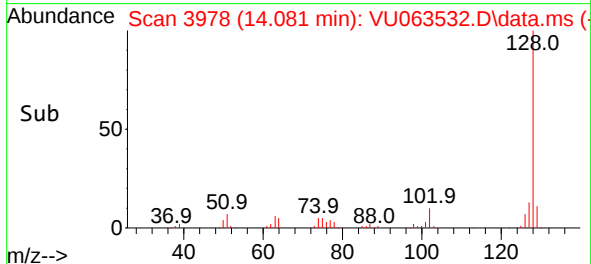
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:128 Resp: 15098
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.8 13.2

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 10.751 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU063532.D
Acq: 18 Jul 2025 09:11

Tgt Ion:180 Resp: 76164
Ion Ratio Lower Upper
180 100
182 95.9 78.0 117.0
145 34.4 27.3 40.9

