

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071625\
 Data File : VU063516.D
 Acq On : 16 Jul 2025 12:11
 Operator : MD/SY
 Sample : VSTDIC015
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 03:26:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:16:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.100	96	24893	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	9905	1.051	ug/l	0.00
Spiked Amount	1.000		Recovery	= 105.000%		
68) 1,2-Dichlorobenzene-d4	12.187	152	9748	1.118	ug/l	0.00
Spiked Amount	1.000		Recovery	= 112.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	118195	16.103	ug/l	100
3) Chloromethane	1.519	50	106285	15.578	ug/l	100
4) Vinyl Chloride	1.596	62	140324	16.148	ug/l	99
5) Bromomethane	1.837	94	94776	14.463	ug/l	99
6) Chloroethane	1.920	64	84236	16.055	ug/l	99
7) Trichlorofluoromethane	2.126	101	198726	15.928	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	103637	15.895	ug/l	99
9) 1,1-Dichloroethene	2.567	96	102475	15.857	ug/l	98
10) Iodomethane	2.708	142	154304	15.423	ug/l	99
11) Allyl Chloride	2.908	41	149875	16.053	ug/l	99
12) Acrylonitrile	3.303	53	46936	29.022	ug/l	96
13) Acetone	2.618	43	114282	88.245	ug/l	99
14) Carbon Disulfide	2.776	76	336090	16.100	ug/l	99
15) Methylene Chloride	3.030	84	115170	15.136	ug/l	99
16) trans-1,2-Dichloroethene	3.335	96	115592	15.749	ug/l	99
17) 1,1-Dichloroethane	3.850	63	213678	15.707	ug/l	99
18) 2-Butanone	4.708	43	167820	83.678	ug/l	100
19) Cyclohexane	5.364	56	180806	15.697	ug/l	98
20) Methylcyclohexane	6.743	83	193667	17.299	ug/l	99
21) 2,2-Dichloropropane	4.644	77	182585	15.761	ug/l	99
22) cis-1,2-Dichloroethene	4.650	96	125136	15.711	ug/l	99
23) Diethyl Ether	2.367	59	79700	16.184	ug/l	98
24) tert-Butyl Alcohol	3.187	59	95177	160.102	ug/l	99
25) Methyl tert-Butyl Ether	3.358	73	271458	16.090	ug/l	100
26) Bromochloromethane	4.956	128	54202	16.299	ug/l	99
27) Chloroform	5.071	83	217821	15.691	ug/l	99
28) 1,1,1-Trichloroethane	5.296	97	188574	16.005	ug/l	99
29) 1,1-Dichloropropene	5.505	75	174673	16.004	ug/l	98
30) Carbon Tetrachloride	5.502	117	162285	17.113	ug/l	96
31) Isopropyl Ether	3.991	45	323879	15.772	ug/l	98
32) Ethyl-t-butyl ether	4.502	59	302903	15.939	ug/l	98
33) Tert-Amyl methyl ether	5.940	73	268560	16.283	ug/l	99
34) Propionitrile	4.772	54	45659	74.722	ug/l	97
35) Benzene	5.756	78	473682	16.153	ug/l	99
36) 1,2-Dichloroethane	5.782	62	147295	16.165	ug/l	99
37) Trichloroethene	6.525	130	128676	17.198	ug/l	98
38) 1,2-Dichloropropane	6.779	63	124831	18.188	ug/l	100
39) Methacrylonitrile	4.972	41	39512	14.730	ug/l	99
40) Methyl acrylate	4.843	55	65123	16.402	ug/l	99
41) Tetrahydrofuran	5.059	42	40858	28.595	ug/l	100
42) 1-Chlorobutane	5.438	56	232046	15.991	ug/l	99
43) Dibromomethane	6.904	93	62716	17.639	ug/l	99
44) Bromodichloromethane	7.094	83	144794	18.058	ug/l	97

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:16:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	310822	84.821	ug/l	100
46) t-1,4-Dichloro-2-butene	10.824	75	41713m	32.085	ug/l	
47) Methyl methacrylate	6.962	69	114716	38.417	ug/l	98
48) Ethyl methacrylate	8.335	69	101021	17.728	ug/l	99
49) Toluene	7.959	92	268202	16.751	ug/l	99
50) t-1,3-Dichloropropene	8.203	75	116990	18.597	ug/l	97
51) cis-1,3-Dichloropropene	7.595	75	168909	20.004	ug/l	100
52) 1,1,2-Trichloroethane	8.393	97	78885	16.480	ug/l	99
53) 1,3-Dichloropropane	8.566	76	135862	16.441	ug/l	100
54) 2-Hexanone	8.689	43	213057	87.533	ug/l	99
55) Dibromochloromethane	8.801	129	92530	18.292	ug/l	98
56) 1,2-Dibromoethane	8.917	107	70483	16.452	ug/l	98
58) Tetrachloroethene	8.541	164	110328	16.111	ug/l	98
59) Chlorobenzene	9.441	112	309351	16.822	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.525	131	101862	17.225	ug/l	98
61) Pentachloroethane	11.418	117	77252	18.487	ug/l	99
62) Hexachloroethane	12.467	117	79431	19.195	ug/l	99
63) Ethyl Benzene	9.563	91	525757	16.614	ug/l	99
64) m/p-Xylenes	9.685	106	421278	34.249	ug/l	100
65) o-Xylene	10.091	106	205249	17.365	ug/l	98
66) Styrene	10.107	104	336001	17.837	ug/l	100
67) Bromoform	10.283	173	48978	18.852	ug/l	99
69) Isopropylbenzene	10.476	105	492082	17.221	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	98628	16.933	ug/l	100
71) 1,2,3-Trichloropropane	10.817	75	76288m	16.049	ug/l	
72) Bromobenzene	10.775	156	128042	17.363	ug/l	97
73) n-propylbenzene	10.898	120	149954	17.433	ug/l	100
74) 2-Chlorotoluene	10.978	126	130274	17.136	ug/l	98
75) 1,3,5-Trimethylbenzene	11.081	105	478010	17.511	ug/l	99
76) 4-Chlorotoluene	11.090	126	132384	17.147	ug/l	98
77) tert-Butylbenzene	11.412	119	450846	17.282	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	473538	17.485	ug/l	99
79) sec-Butylbenzene	11.634	105	612652	17.415	ug/l	99
80) Nitrobenzene	13.203	77	11188	74.783	ug/l	94
81) p-Isopropyltoluene	11.785	119	516607	17.591	ug/l	99
82) 1,3-Dichlorobenzene	11.737	146	254102	17.221	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	265531	17.978	ug/l	98
84) n-Butylbenzene	12.200	91	492464	18.081	ug/l	100
85) 1,2-Dichlorobenzene	12.203	146	242217	17.474	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.988	75	16421	14.975	ug/l	98
87) 1,2,4-Trichlorobenzene	13.833	180	158574	18.396	ug/l	99
88) Hexachlorobutadiene	14.013	225	86303	17.630	ug/l	99
89) Naphthalene	14.077	128	292967	18.966	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	149249	18.735	ug/l	99

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

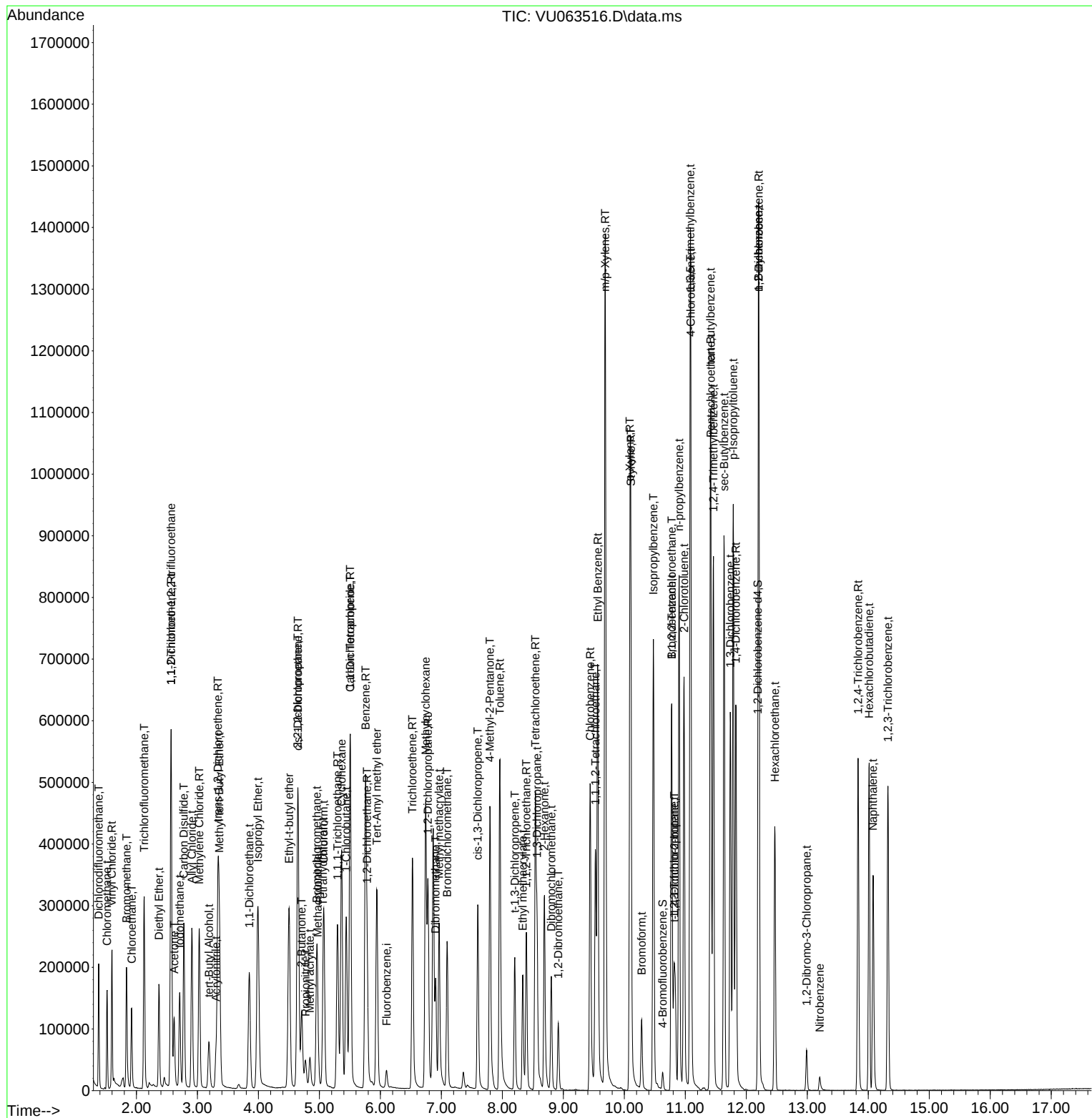
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Data File : VU063516.D
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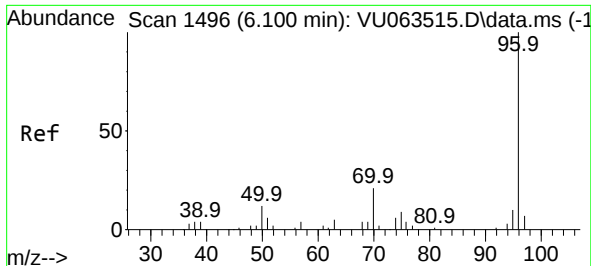
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Manual Integrations
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Supervised By :Semsettin Yesilyurt 07/17/2025

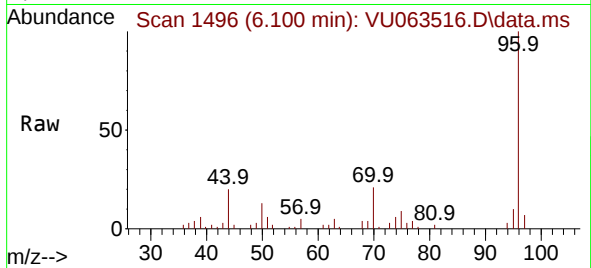
Quant Time: Jul 17 03:26:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 17 03:16:16 2025
Response via : Initial Calibration





#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

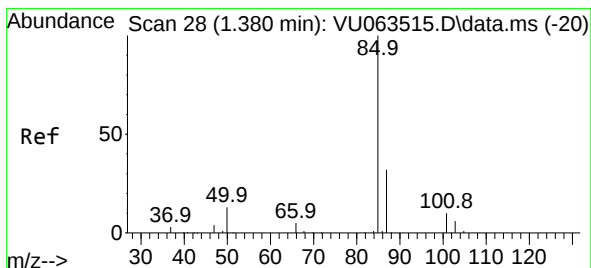
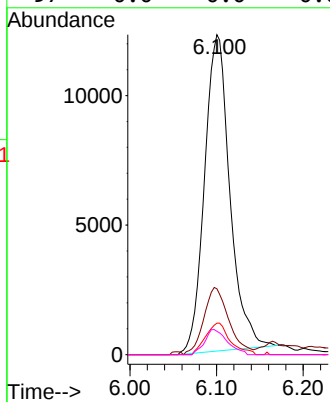
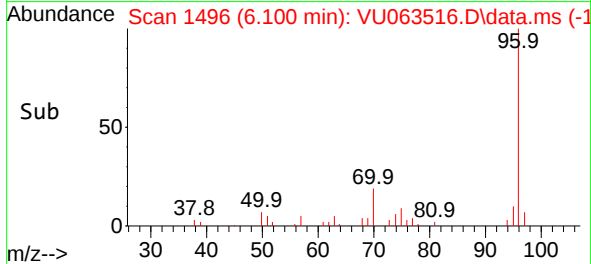
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 96 Resp: 2489
Ion Ratio Lower Upper
96 100
70 19.2 15.0 22.4
95 0.0 7.4 11.0
97 0.0 0.0 0.0

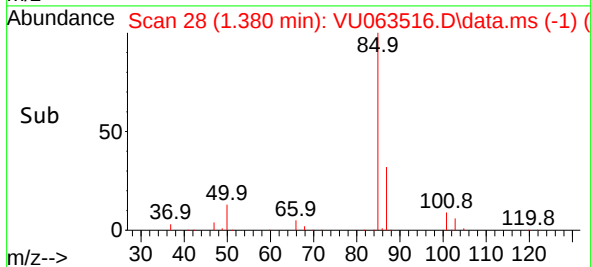
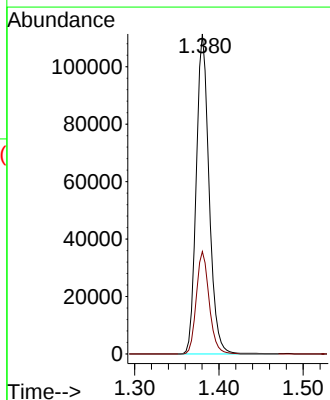
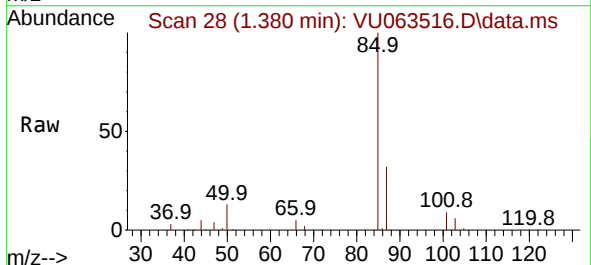
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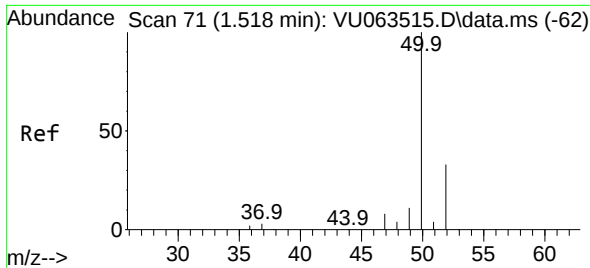
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#2
Dichlorodifluoromethane
Concen: 16.103 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

Tgt Ion: 85 Resp: 118195
Ion Ratio Lower Upper
85 100
87 32.0 16.0 47.9





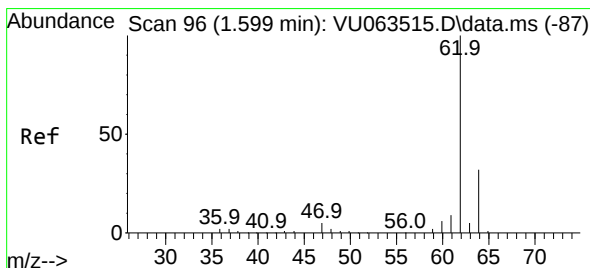
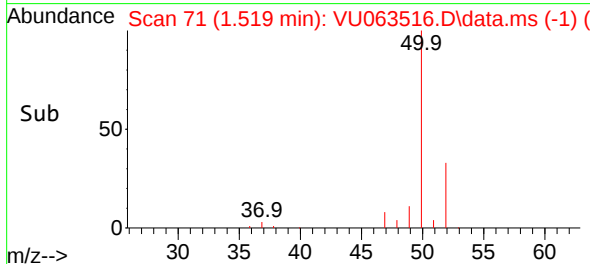
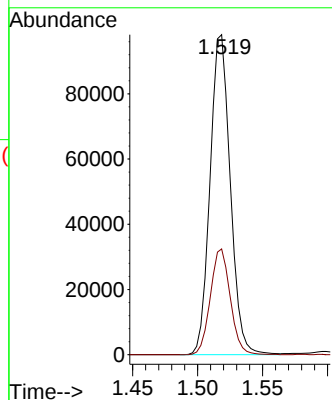
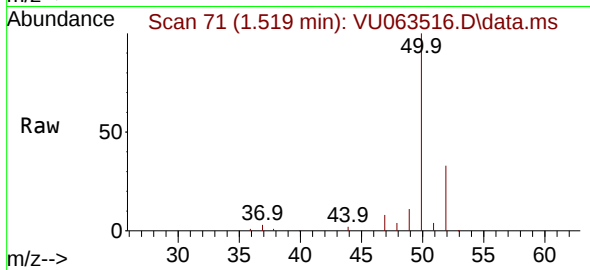
#3
Chloromethane
Concen: 15.578 ug/l
RT: 1.519 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion: 50 Resp: 10628
Ion Ratio Lower Upper
50 100
52 33.1 26.3 39.5

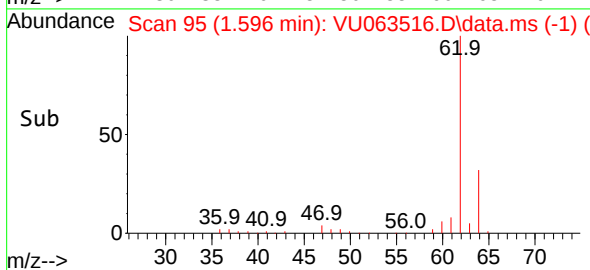
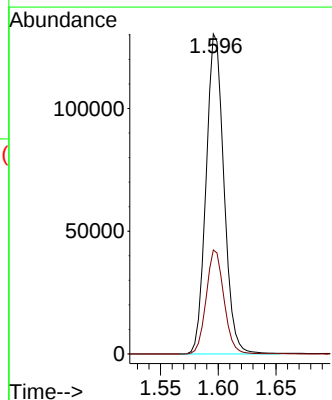
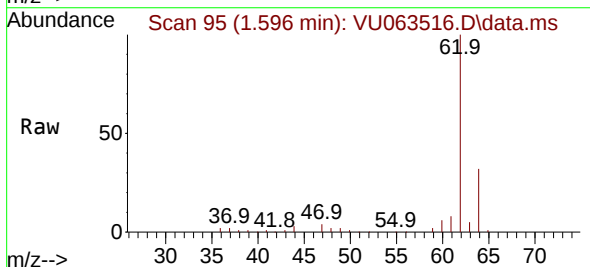
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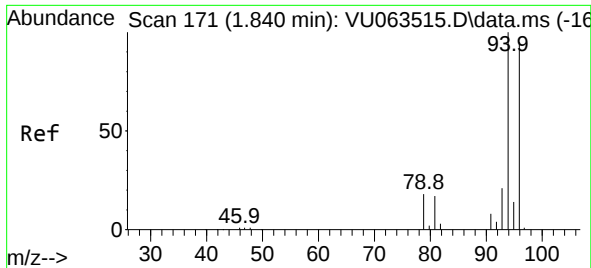
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#4
Vinyl Chloride
Concen: 16.148 ug/l
RT: 1.596 min Scan# 95
Delta R.T. -0.003 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

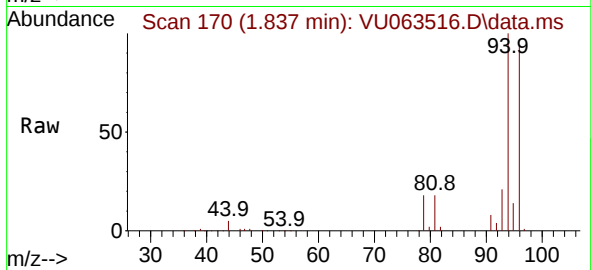
Tgt Ion: 62 Resp: 140324
Ion Ratio Lower Upper
62 100
64 32.5 25.7 38.5





#5
Bromomethane
Concen: 14.463 ug/l
RT: 1.837 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

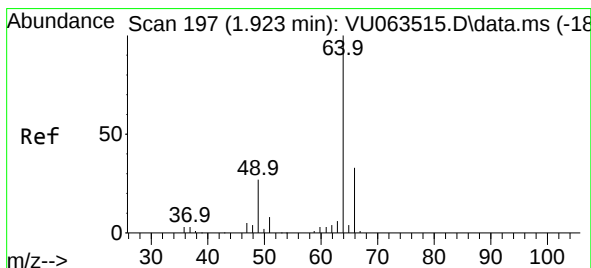
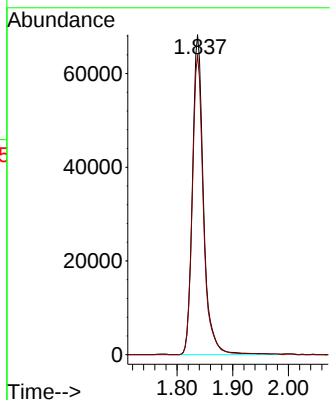
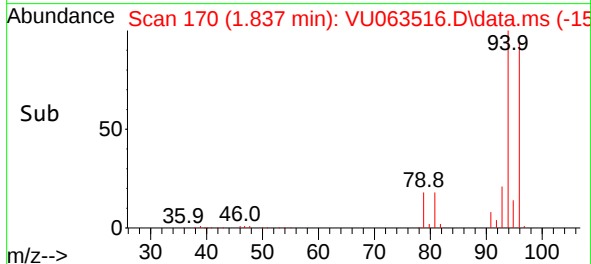
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 94 Resp: 94770
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.6

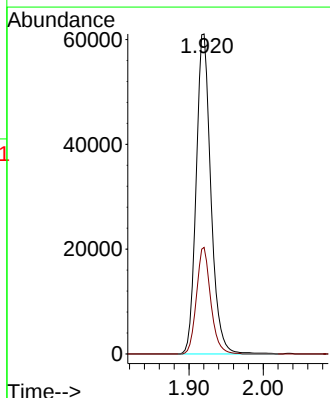
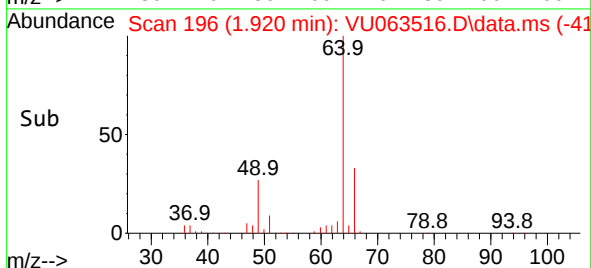
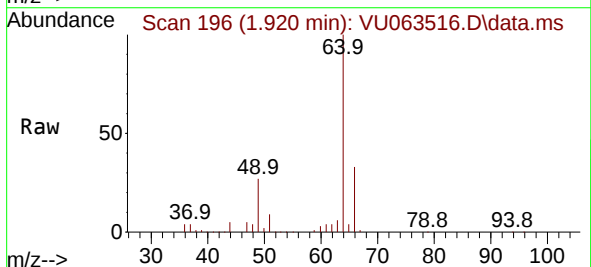
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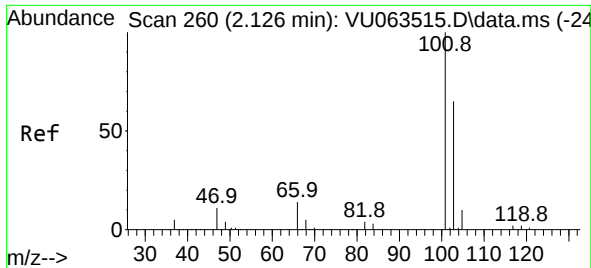
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#6
Chloroethane
Concen: 16.055 ug/l
RT: 1.920 min Scan# 196
Delta R.T. -0.003 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

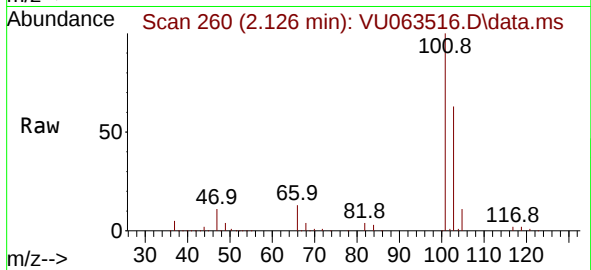
Tgt Ion: 64 Resp: 84236
Ion Ratio Lower Upper
64 100
66 33.3 26.2 39.4





#7
Trichlorofluoromethane
Concen: 15.928 ug/l
RT: 2.126 min Scan# 260
Delta R.T. 0.000 min
Lab File: VU063516.D
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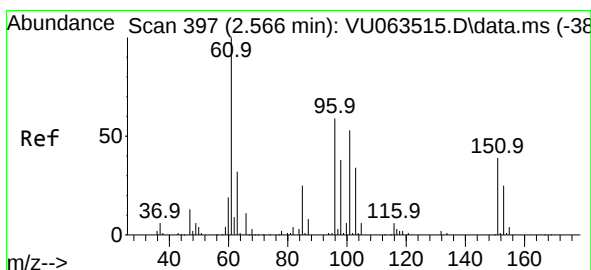
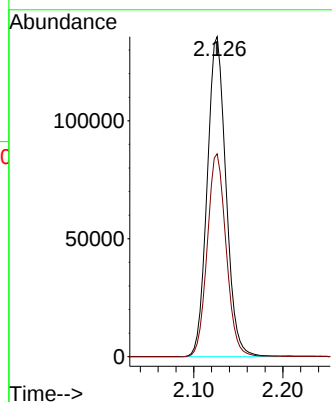
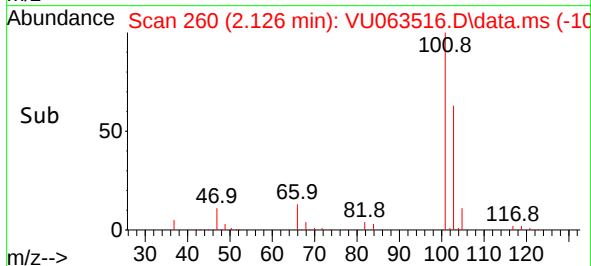
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



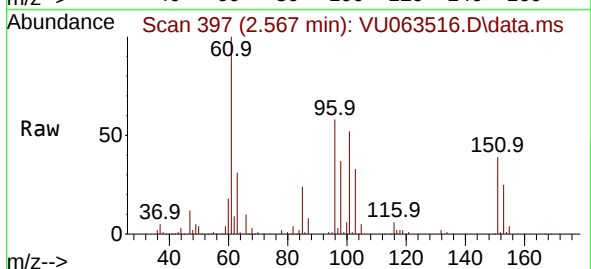
Tgt Ion:101 Resp: 198720
Ion Ratio Lower Upper
101 100
103 63.4 52.2 78.4

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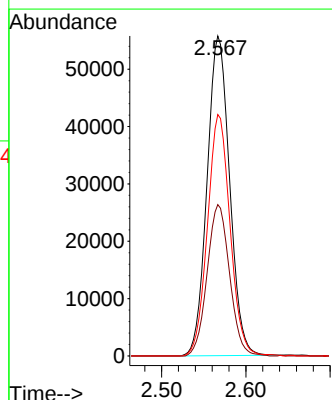
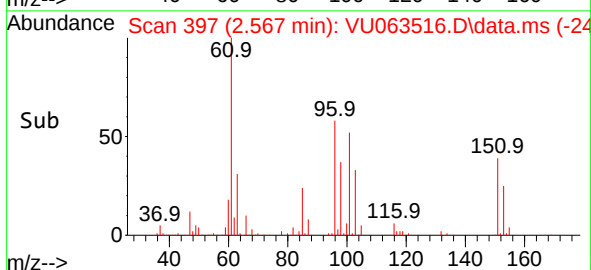
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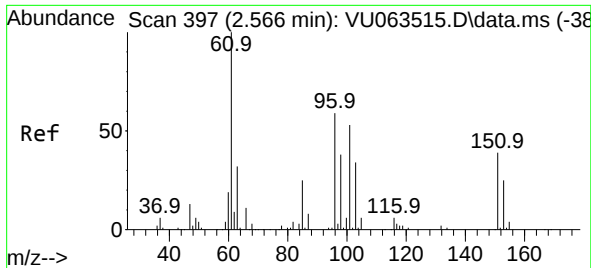


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 15.895 ug/l
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11



Tgt Ion:101 Resp: 103637
Ion Ratio Lower Upper
101 100
85 47.1 37.8 56.6
151 75.9 59.2 88.8





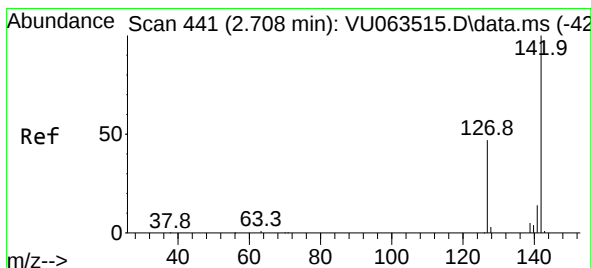
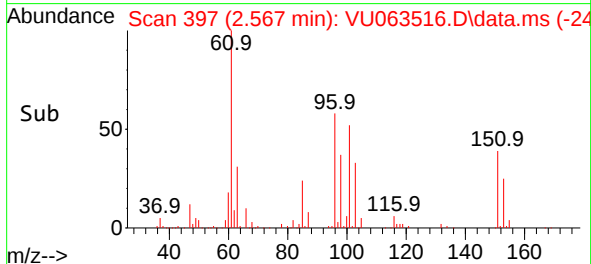
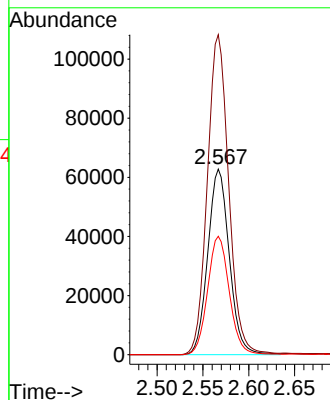
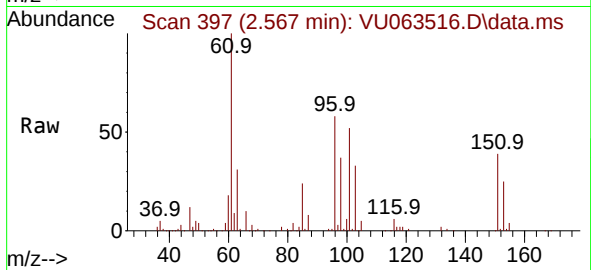
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1,1-Dichloroethene
Concen: 15.857 ug/l
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 96 Resp: 102475
Ion Ratio Lower Upper
96 100
61 172.3 0.0 504.3
98 63.7 0.0 126.8

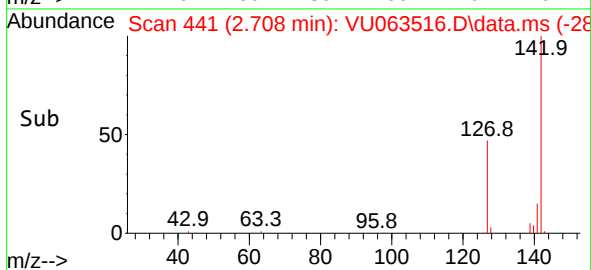
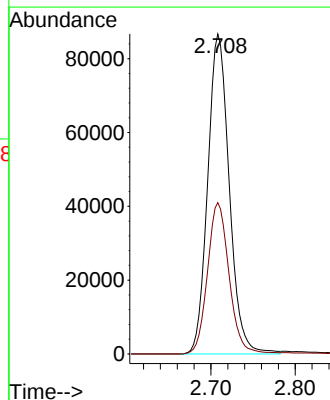
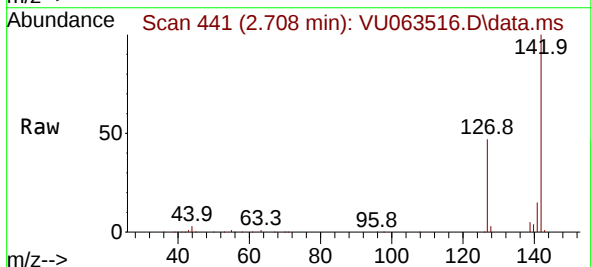
Manual Integrations
APPROVED

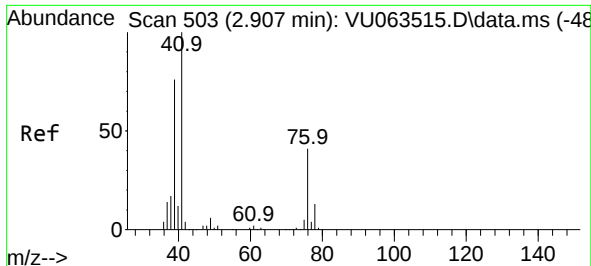
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#10
Iodomethane
Concen: 15.423 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

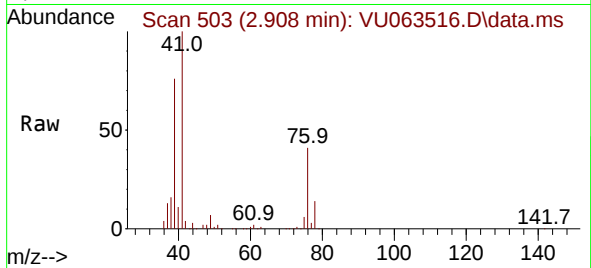
Tgt Ion:142 Resp: 154304
Ion Ratio Lower Upper
142 100
127 48.2 37.9 56.9





#11
 Allyl Chloride
 Concen: 16.053 ug/l
 RT: 2.908 min Scan# 503
 Delta R.T. 0.000 min
 Lab File: VU063516.D
 Acq: 16 Jul 2025 12:11

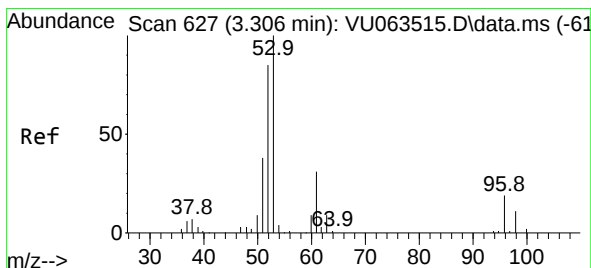
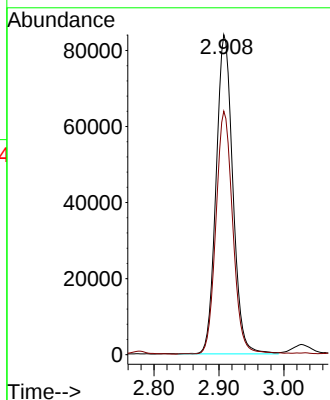
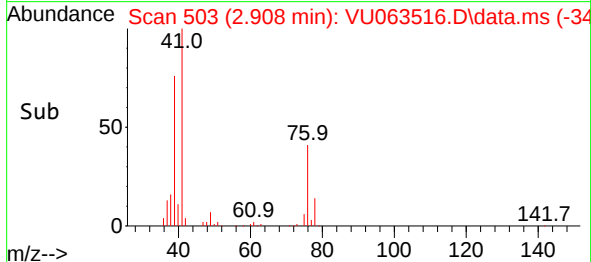
Instrument :
 MSVOA_U
 Client Sample Id :
 VSTDIC015



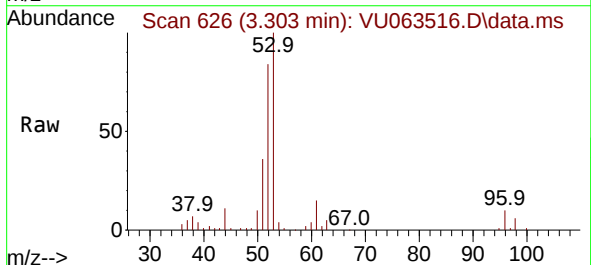
Tgt Ion: 41 Resp: 149875
 Ion Ratio Lower Upper
 41 100
 39 76.2 61.5 92.3

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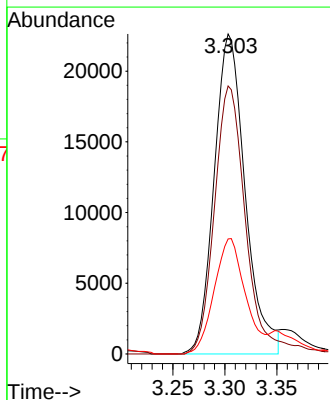
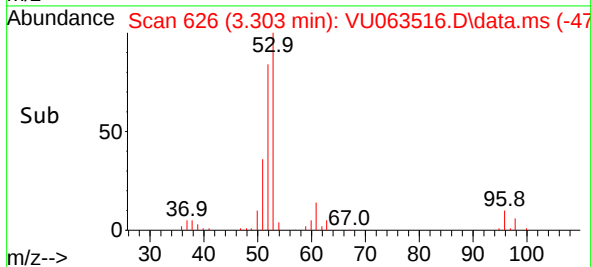
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

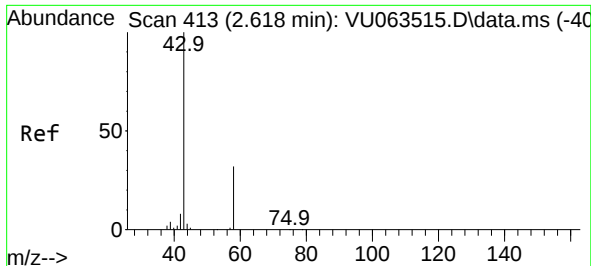


#12
 Acrylonitrile
 Concen: 29.022 ug/l
 RT: 3.303 min Scan# 626
 Delta R.T. -0.003 min
 Lab File: VU063516.D
 Acq: 16 Jul 2025 12:11



Tgt Ion: 53 Resp: 46936
 Ion Ratio Lower Upper
 53 100
 52 84.6 64.3 96.5
 51 36.8 27.8 41.8





#13

Acetone

Concen: 88.245 ug/l

RT: 2.618 min Scan# 413

Delta R.T. 0.000 min

Lab File: VU063516.D

Acq: 16 Jul 2025 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 43 Resp: 11428

Ion Ratio Lower Upper

43 100

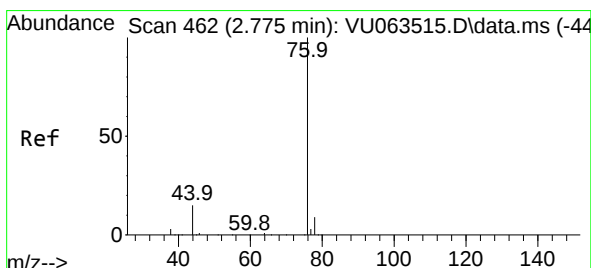
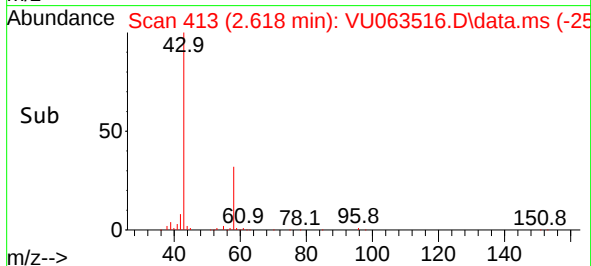
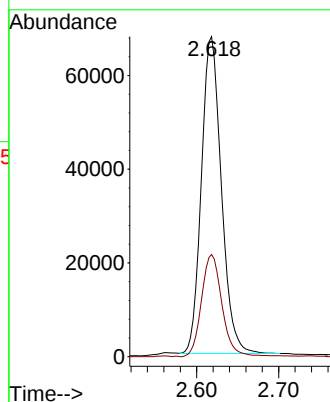
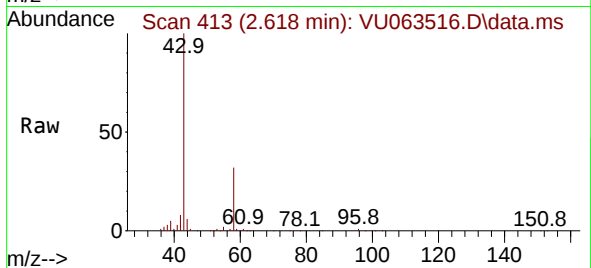
58 32.3 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#14

Carbon Disulfide

Concen: 16.100 ug/l

RT: 2.776 min Scan# 462

Delta R.T. 0.000 min

Lab File: VU063516.D

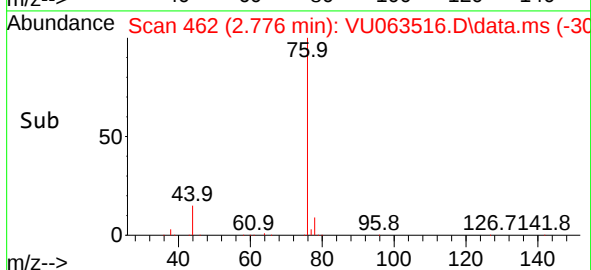
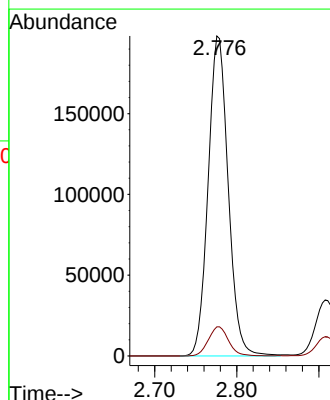
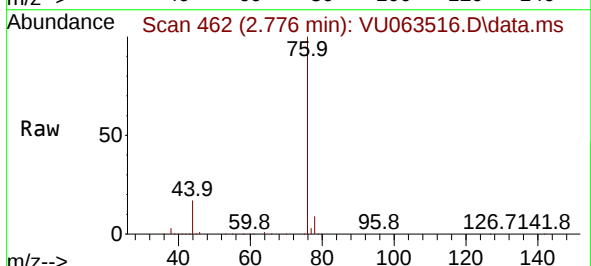
Acq: 16 Jul 2025 12:11

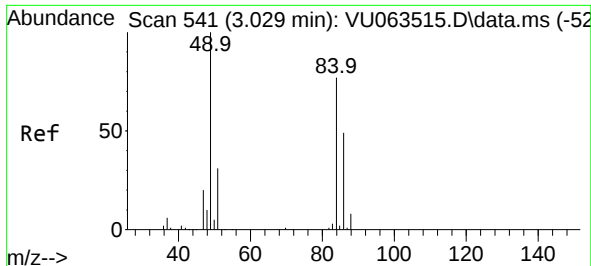
Tgt Ion: 76 Resp: 336090

Ion Ratio Lower Upper

76 100

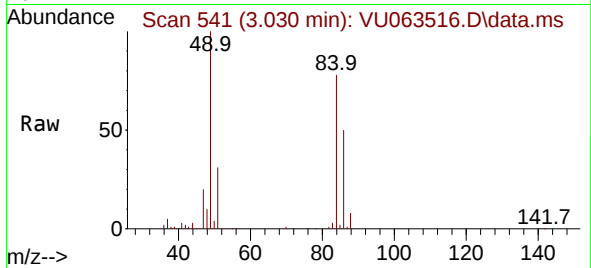
78 9.1 7.0 10.6





#15
Methylene Chloride
Concen: 15.136 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

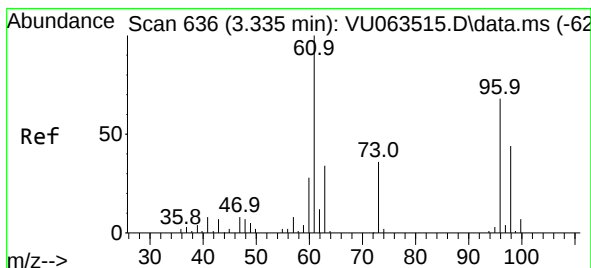
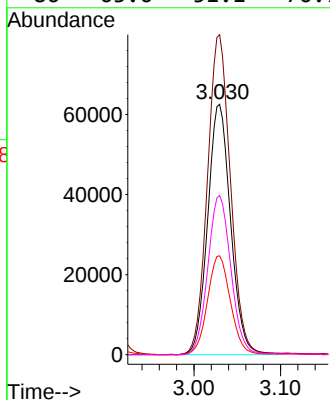
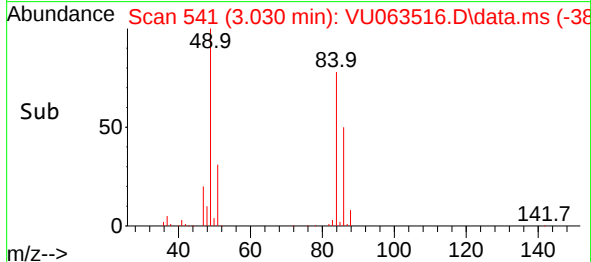
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



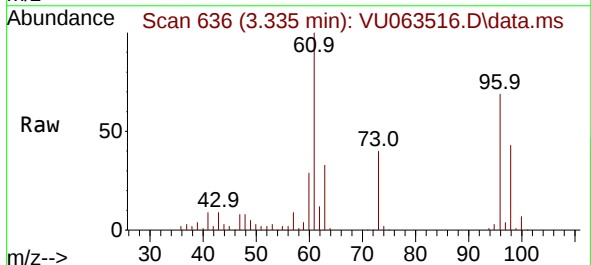
Tgt Ion: 84 Resp: 115170
Ion Ratio Lower Upper
84 100
49 127.8 103.8 155.8
51 39.5 0.0 80.4
86 63.6 51.1 76.7

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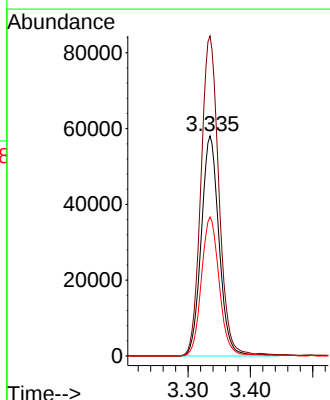
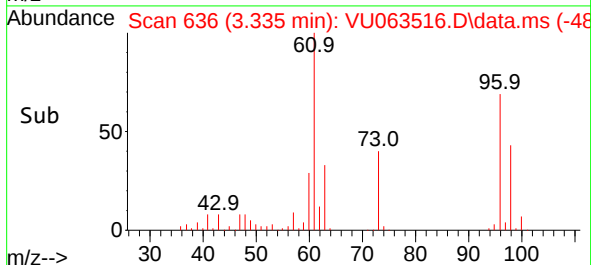
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

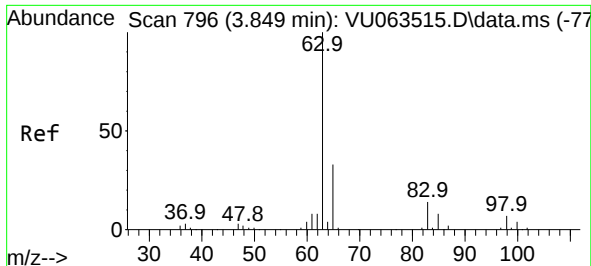


#16
trans-1,2-Dichloroethene
Concen: 15.749 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11



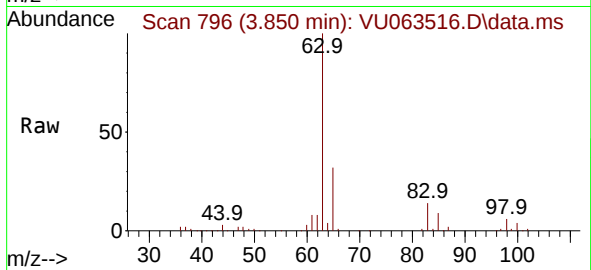
Tgt Ion: 96 Resp: 115592
Ion Ratio Lower Upper
96 100
61 145.4 117.2 175.8
98 63.1 51.4 77.2





#17
1,1-Dichloroethane
Concen: 15.707 ug/l
RT: 3.850 min Scan# 796
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

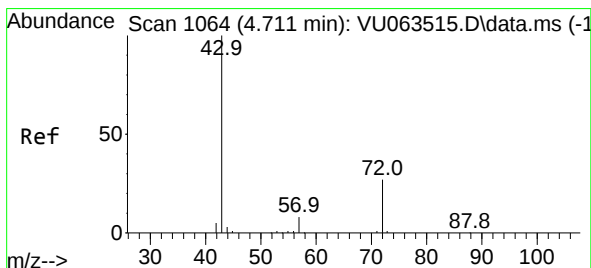
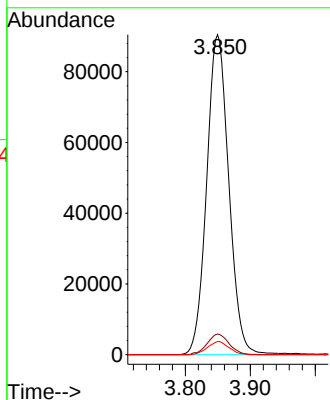
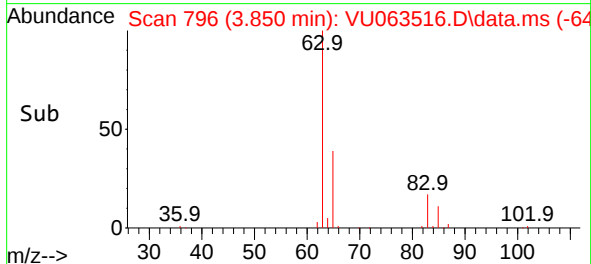
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 63 Resp: 213678
Ion Ratio Lower Upper
63 100
98 6.5 3.4 10.2
100 4.1 2.1 6.2

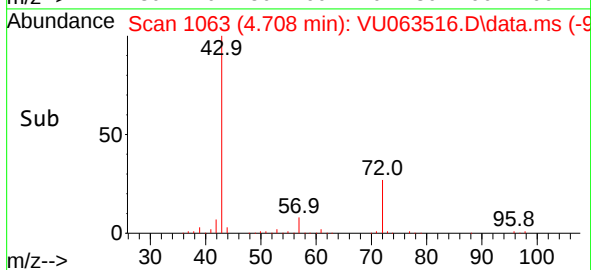
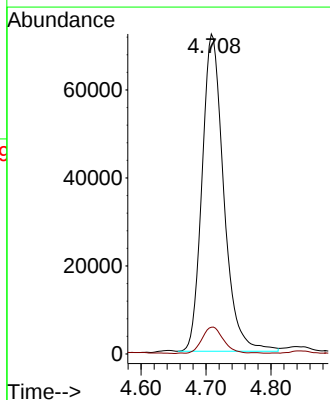
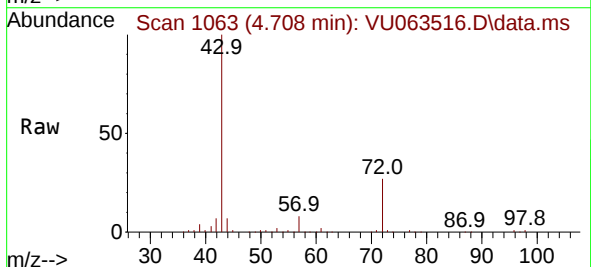
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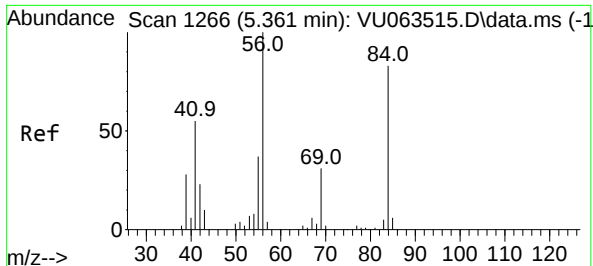
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#18
2-Butanone
Concen: 83.678 ug/l
RT: 4.708 min Scan# 1063
Delta R.T. -0.003 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

Tgt Ion: 43 Resp: 167820
Ion Ratio Lower Upper
43 100
57 8.2 0.0 16.4





#19

Cyclohexane

Concen: 15.697 ug/l

RT: 5.364 min Scan# 1266

Delta R.T. 0.003 min

Lab File: VU063516.D

Acq: 16 Jul 2025 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 56 Resp: 180800

Ion Ratio Lower Upper

56 100

69 33.4 26.6 39.8

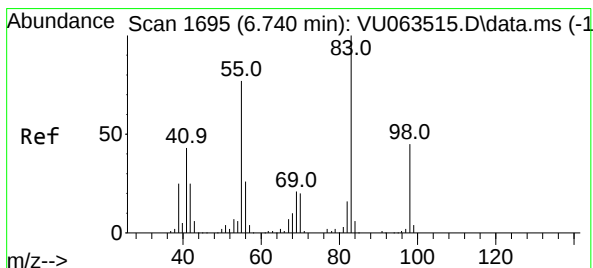
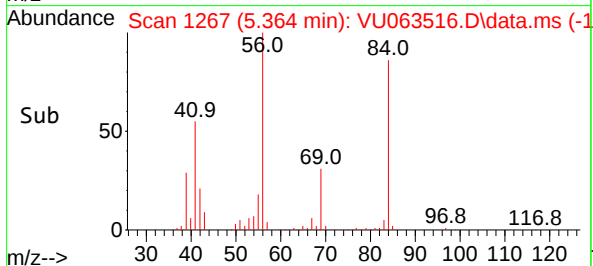
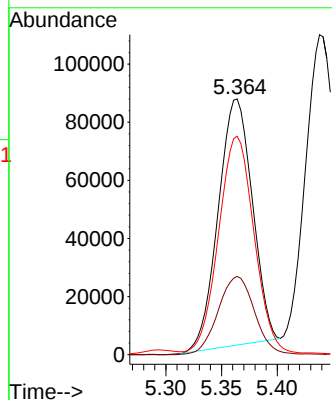
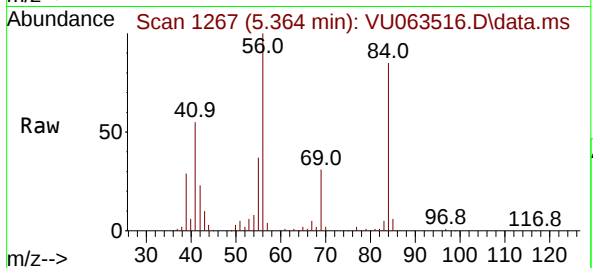
84 90.7 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#20

Methylcyclohexane

Concen: 17.299 ug/l

RT: 6.743 min Scan# 1696

Delta R.T. 0.003 min

Lab File: VU063516.D

Acq: 16 Jul 2025 12:11

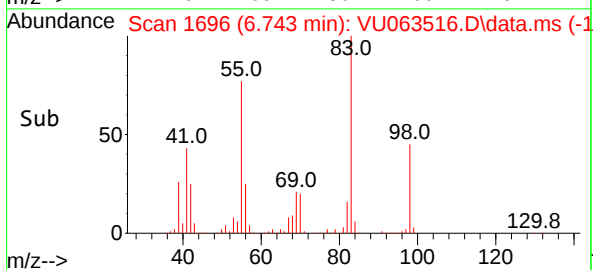
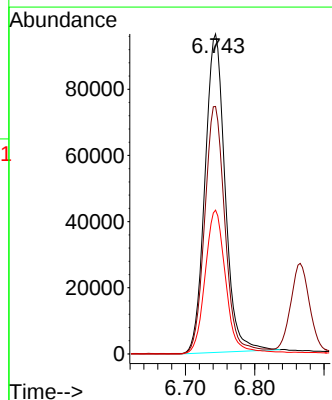
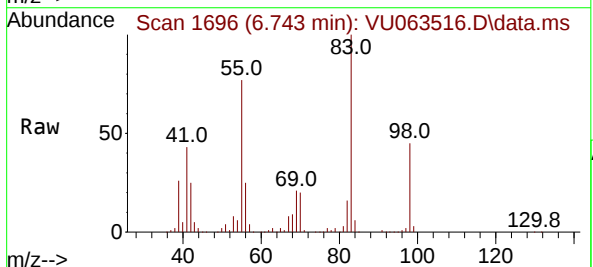
Tgt Ion: 83 Resp: 193667

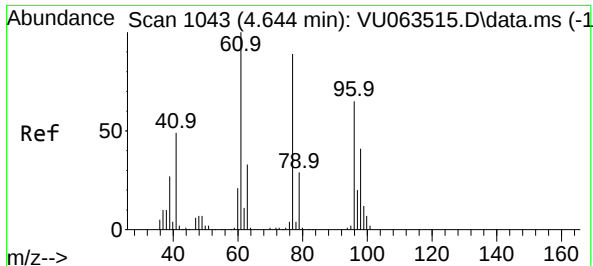
Ion Ratio Lower Upper

83 100

55 76.3 60.6 90.8

98 45.9 35.8 53.8





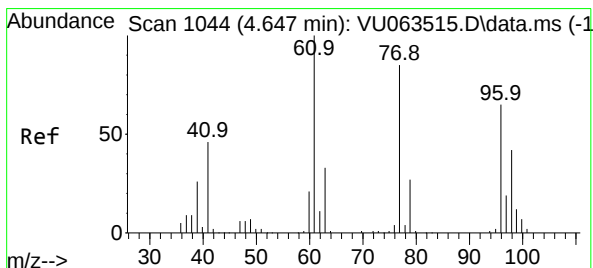
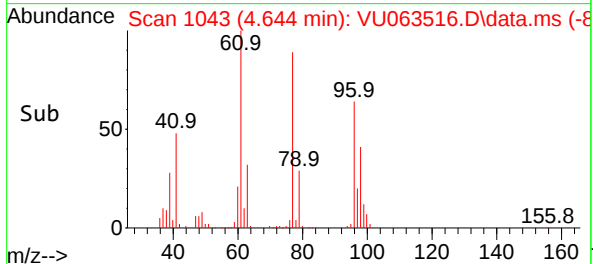
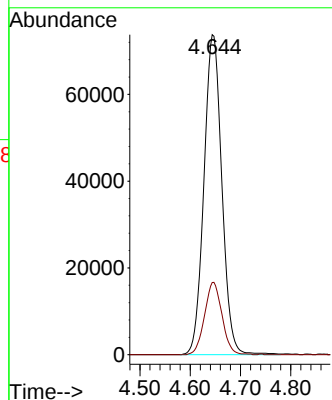
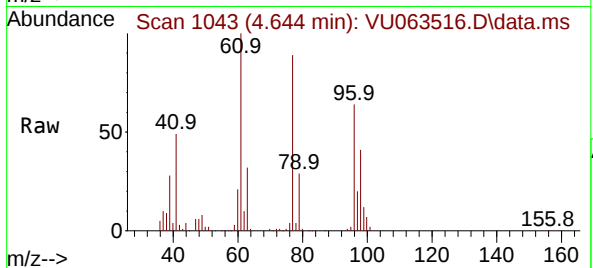
#21
2,2-Dichloropropane
Concen: 15.761 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 77 Resp: 18258
Ion Ratio Lower Upper
77 100
97 22.0 17.8 26.8

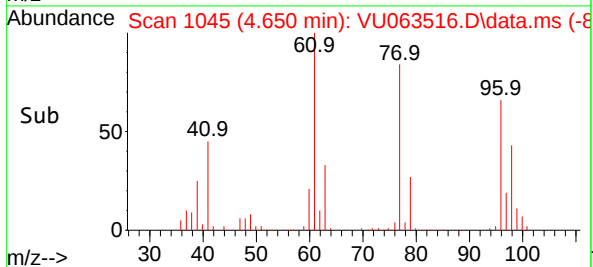
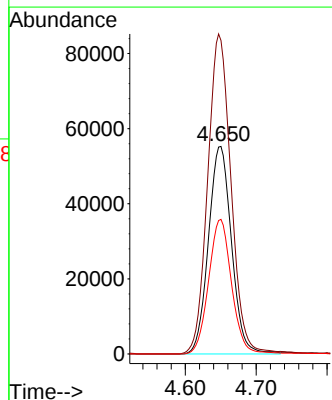
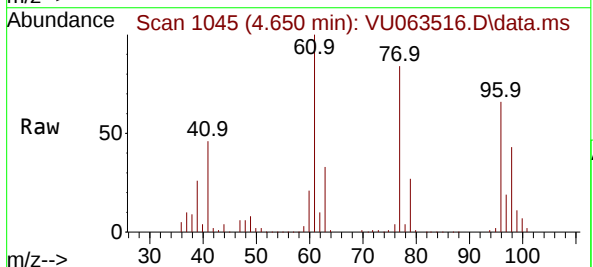
Manual Integrations
APPROVED

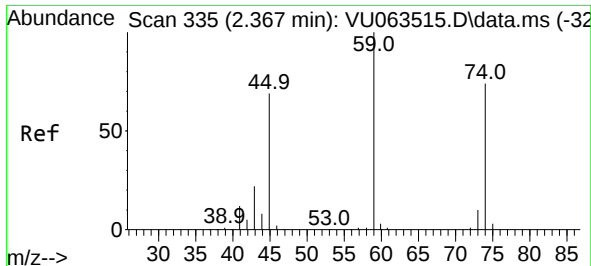
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#22
cis-1,2-Dichloroethene
Concen: 15.711 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

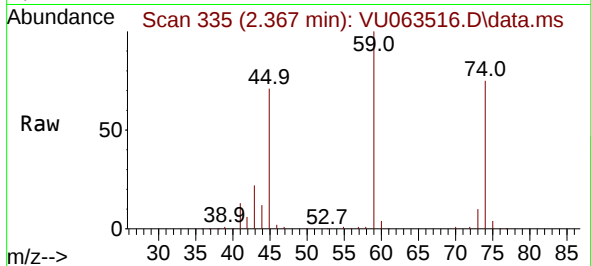
Tgt Ion: 96 Resp: 125136
Ion Ratio Lower Upper
96 100
61 156.1 0.0 384.7
98 64.6 32.1 96.3





#23
Diethyl Ether
Concen: 16.184 ug/l
RT: 2.367 min Scan# 335
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

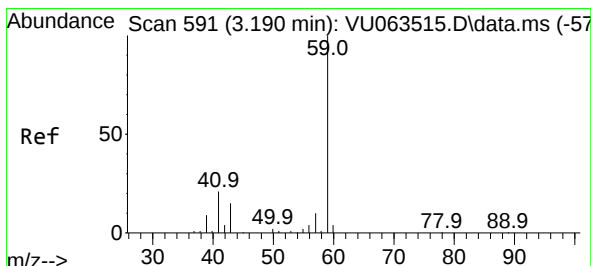
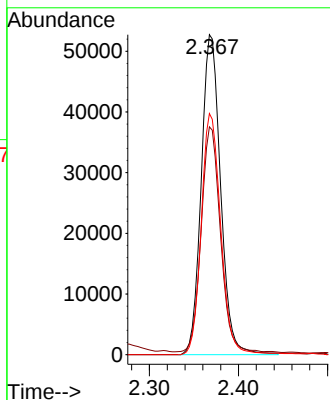
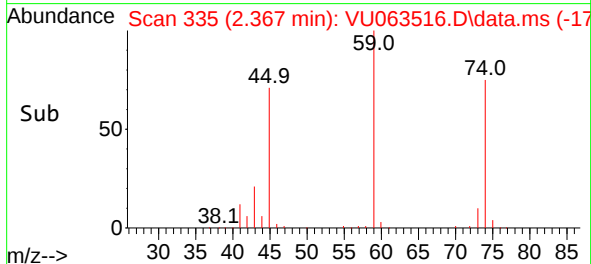
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion: 59 Resp: 79700
Ion Ratio Lower Upper
59 100
45 68.9 55.1 82.7
74 76.0 58.2 87.4

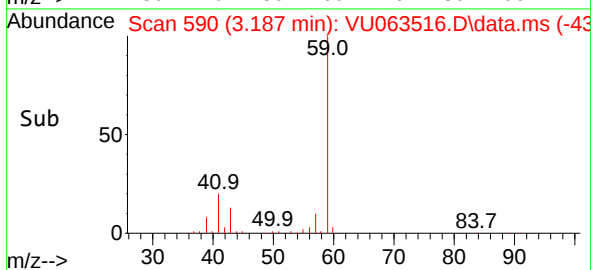
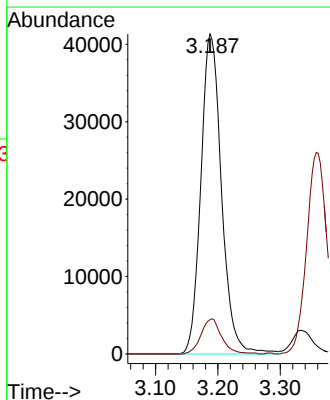
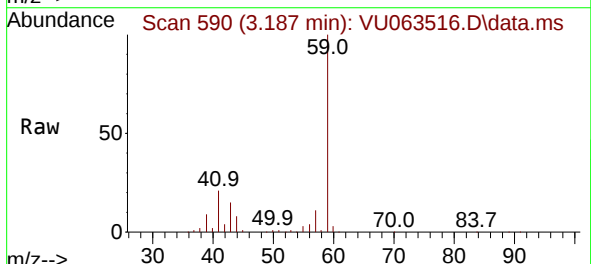
Manual Integrations
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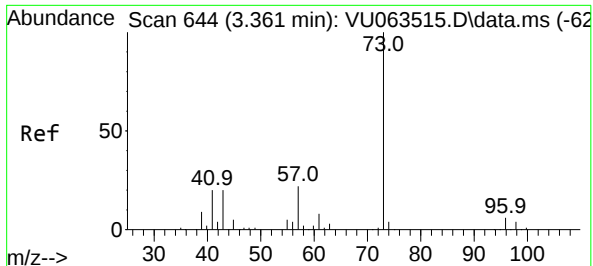
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#24
tert-Butyl Alcohol
Concen: 160.102 ug/l
RT: 3.187 min Scan# 590
Delta R.T. -0.003 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

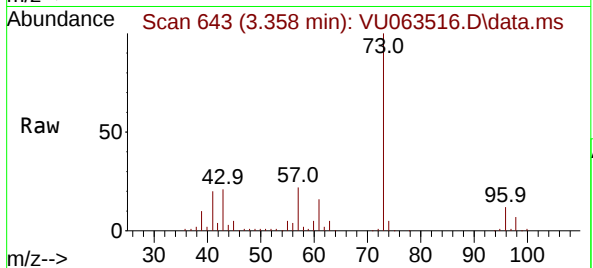
Tgt Ion: 59 Resp: 95177
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8





#25
Methyl tert-Butyl Ether
Concen: 16.090 ug/l
RT: 3.358 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

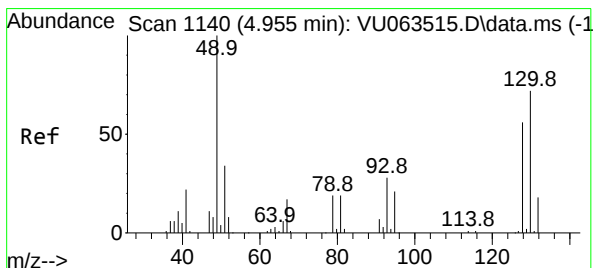
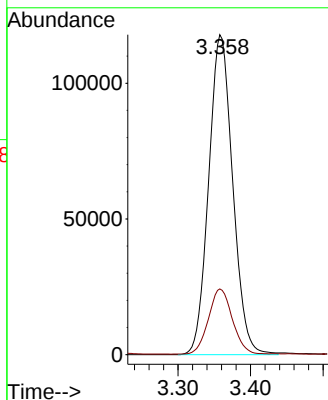
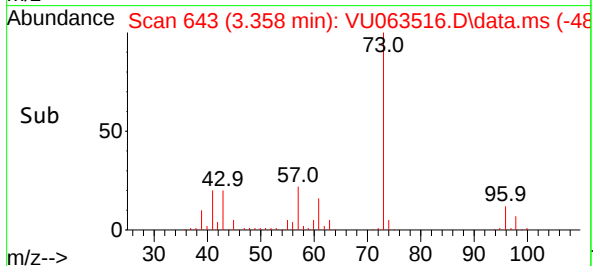
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



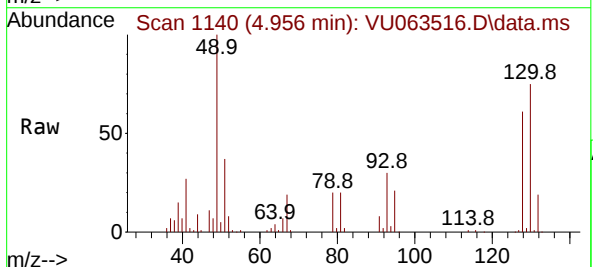
Tgt Ion: 73 Resp: 271458
Ion Ratio Lower Upper
73 100
43 20.2 16.2 24.2

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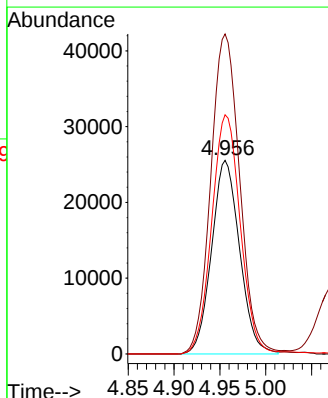
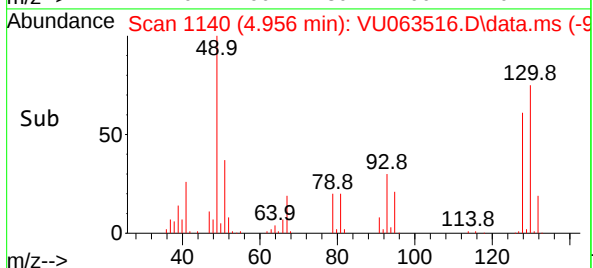
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

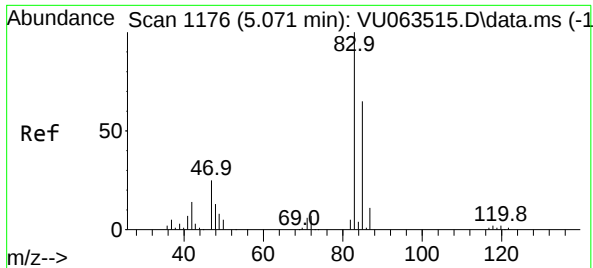


#26
Bromochloromethane
Concen: 16.299 ug/l
RT: 4.956 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11



Tgt Ion:128 Resp: 54202
Ion Ratio Lower Upper
128 100
49 170.9 0.0 340.8
130 127.0 100.5 150.7





#27

Chloroform

Concen: 15.691 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063516.D

Acq: 16 Jul 2025 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 83 Resp: 21782

Ion Ratio Lower Upper

83 100

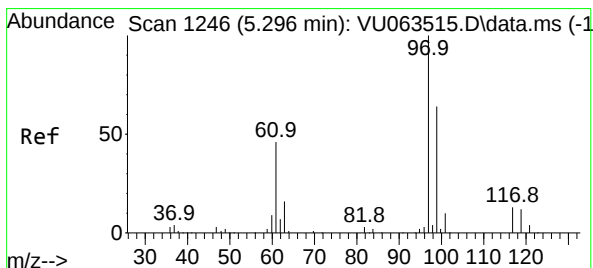
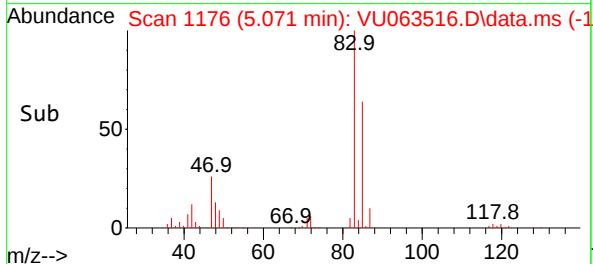
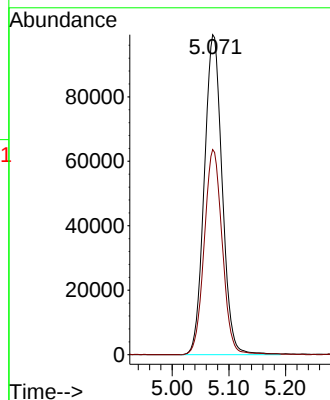
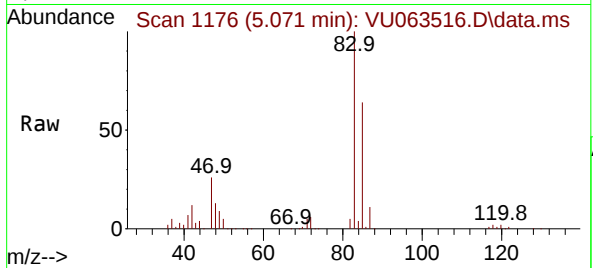
85 64.1 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#28

1,1,1-Trichloroethane

Concen: 16.005 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VU063516.D

Acq: 16 Jul 2025 12:11

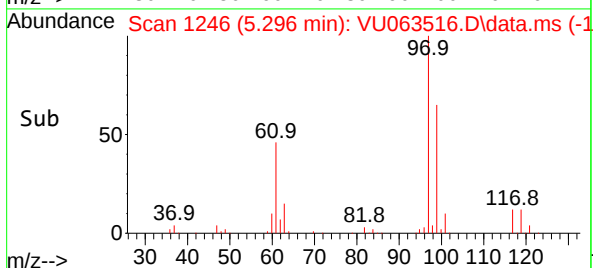
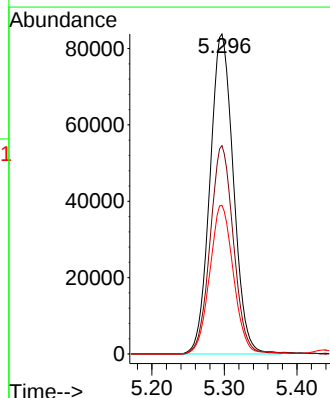
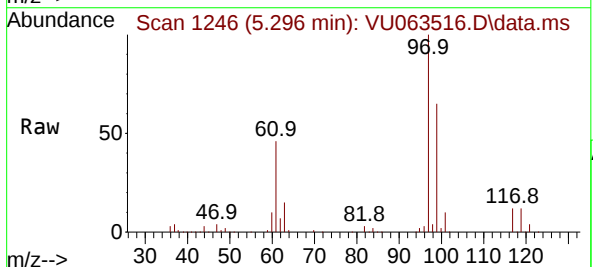
Tgt Ion: 97 Resp: 188574

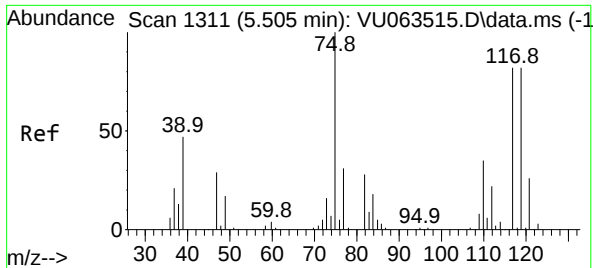
Ion Ratio Lower Upper

97 100

99 64.7 31.8 95.3

61 46.7 23.3 69.9





#29
1,1-Dichloropropene
Concen: 16.004 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

Instrument :

MSVOA_U

ClientSampleId :

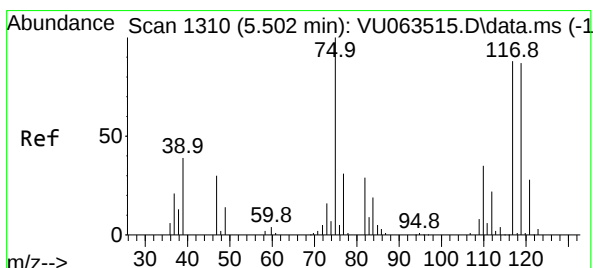
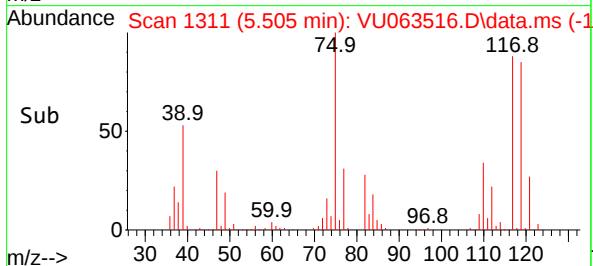
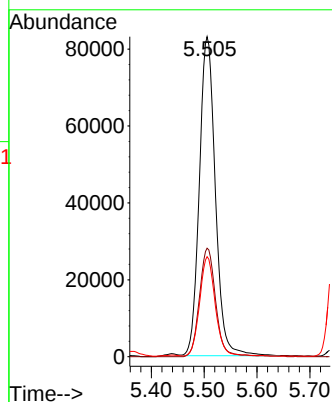
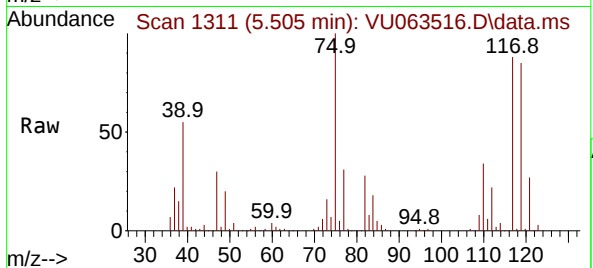
VSTDIC015

Tgt Ion: 75 Resp: 17467
Ion Ratio Lower Upper
75 100
110 34.3 17.8 53.4
77 30.1 24.6 37.0

Manual Integrations

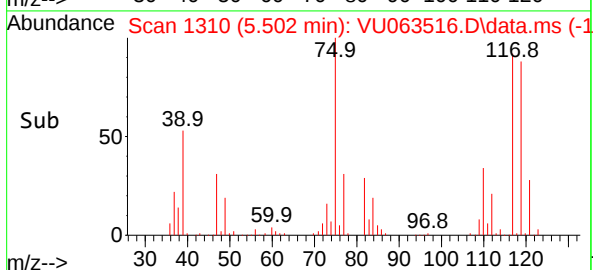
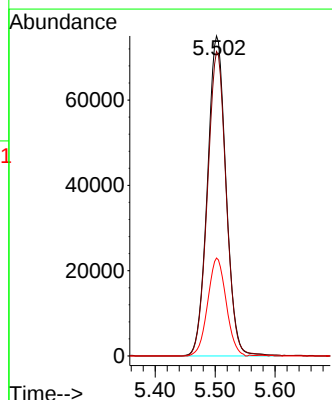
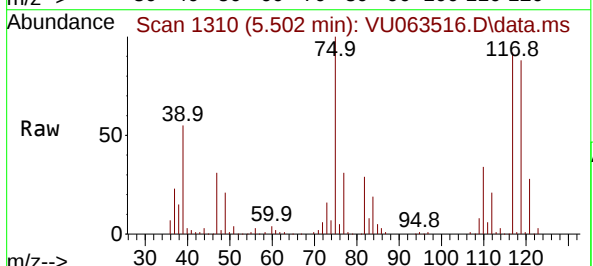
APPROVED

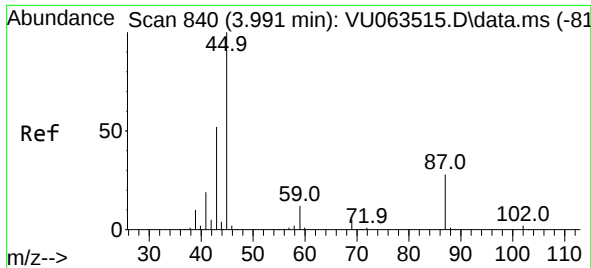
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#30
Carbon Tetrachloride
Concen: 17.113 ug/l
RT: 5.502 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

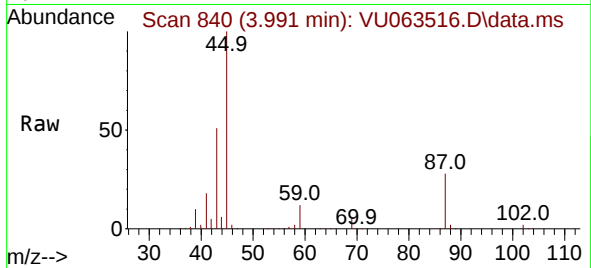
Tgt Ion:117 Resp: 162285
Ion Ratio Lower Upper
117 100
119 95.1 79.2 118.8
121 30.6 25.5 38.3





#31
Isopropyl Ether
Concen: 15.772 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

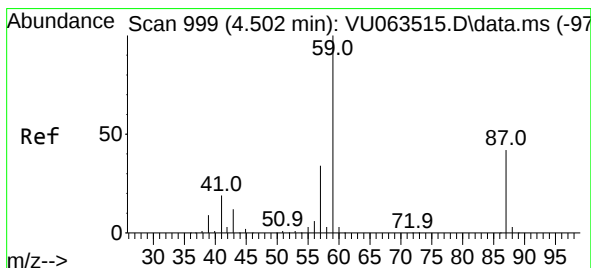
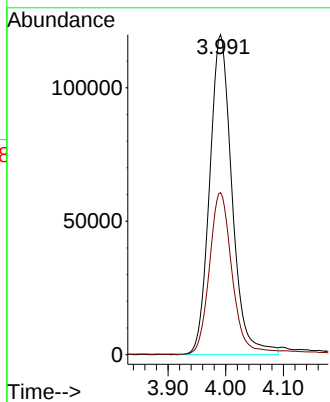
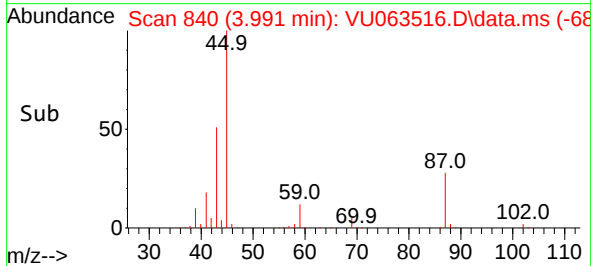
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



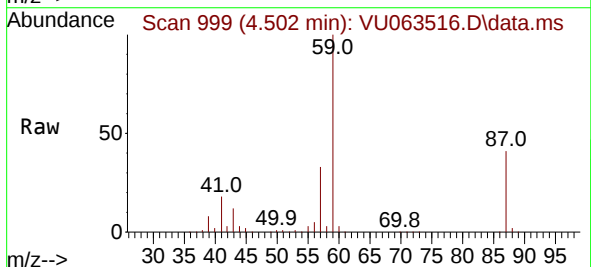
Tgt Ion: 45 Resp: 323879
Ion Ratio Lower Upper
45 100
43 52.5 25.7 77.0

Manual Integrations
APPROVED

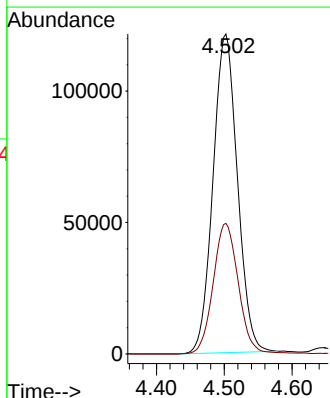
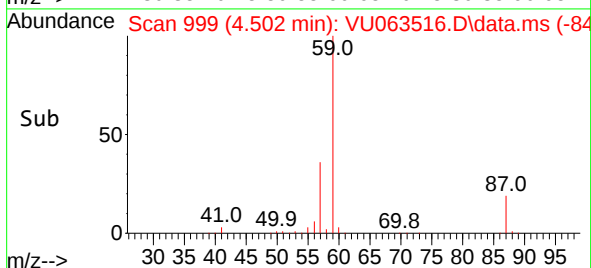
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

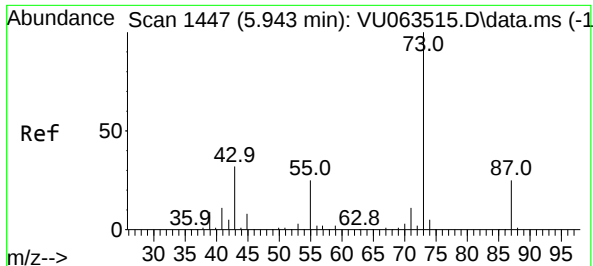


#32
Ethyl-t-butyl ether
Concen: 15.939 ug/l
RT: 4.502 min Scan# 999
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11



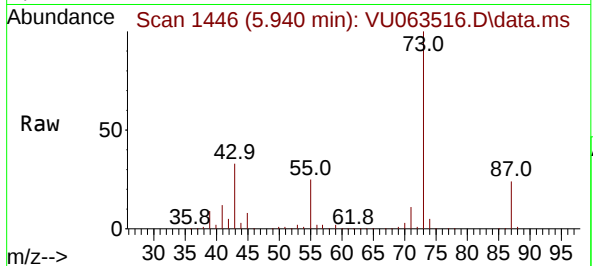
Tgt Ion: 59 Resp: 302903
Ion Ratio Lower Upper
59 100
87 41.8 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 16.283 ug/l
RT: 5.940 min Scan# 1447
Delta R.T. -0.003 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

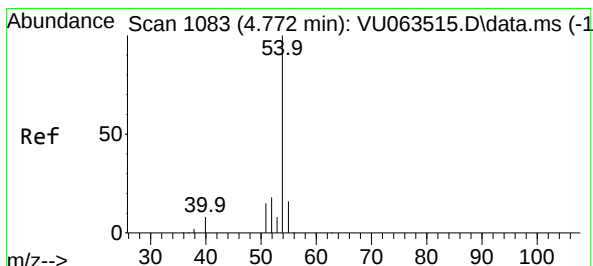
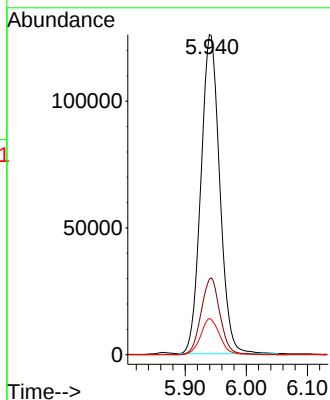
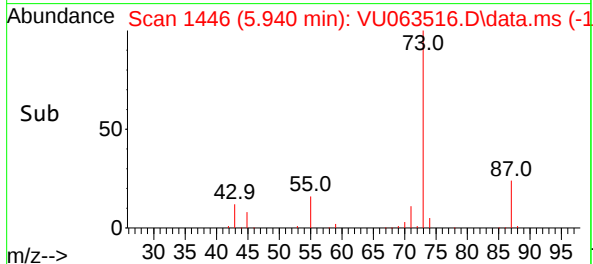
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 73 Resp: 268560
Ion Ratio Lower Upper
73 100
87 24.0 19.4 29.2
71 11.5 8.9 13.3

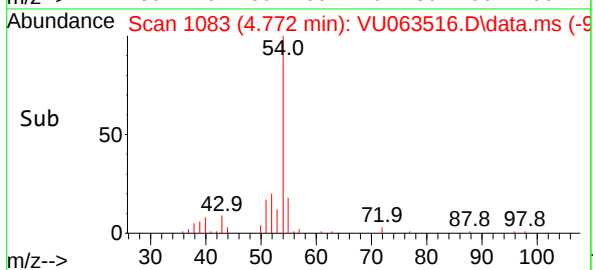
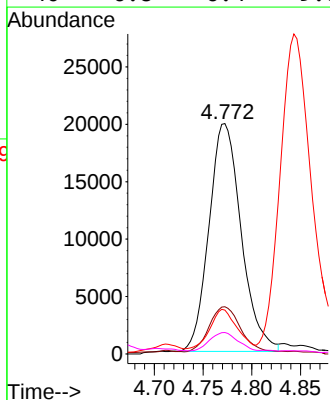
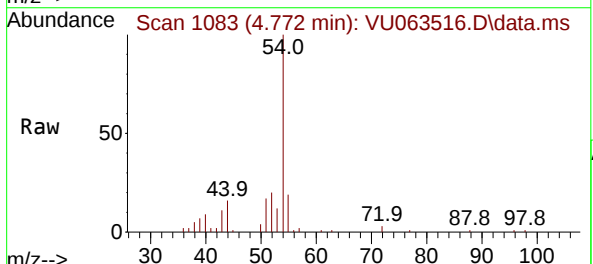
Manual Integrations
APPROVED

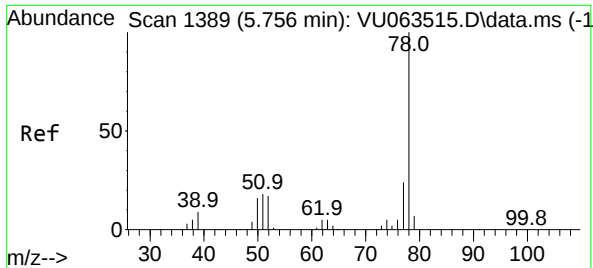
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#34
Propionitrile
Concen: 74.722 ug/l
RT: 4.772 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

Tgt Ion: 54 Resp: 45659
Ion Ratio Lower Upper
54 100
52 19.3 17.0 25.4
55 16.3 13.6 20.4
40 6.8 6.4 9.6





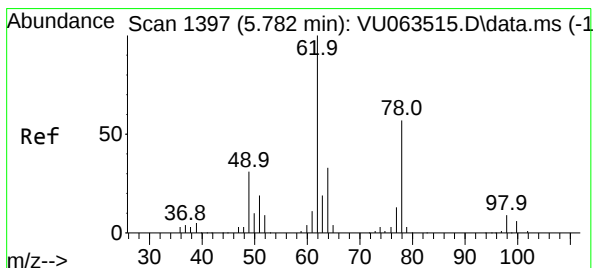
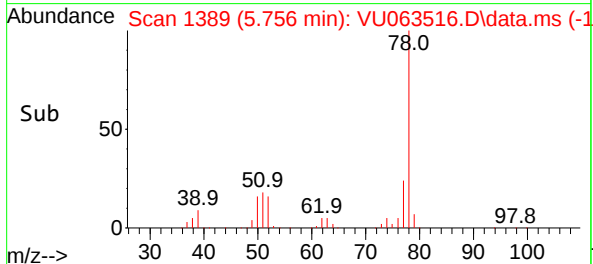
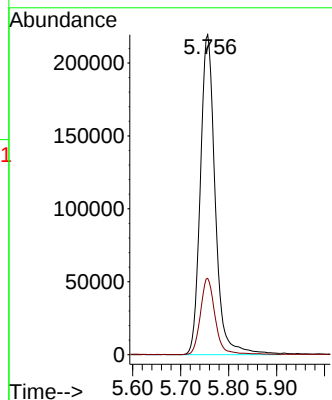
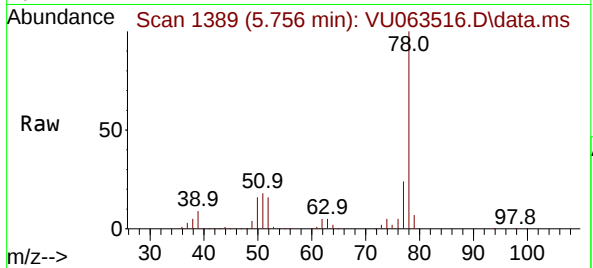
#35
Benzene
Concen: 16.153 ug/l
RT: 5.756 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 78 Resp: 47368
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.2

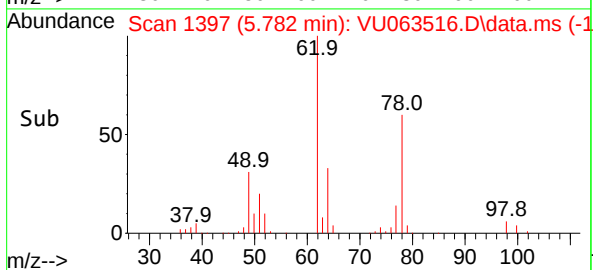
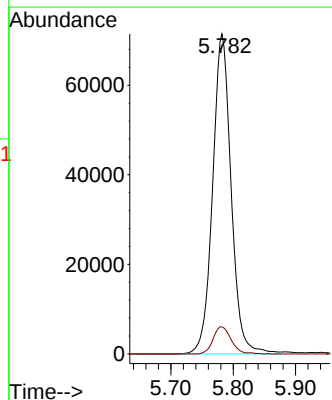
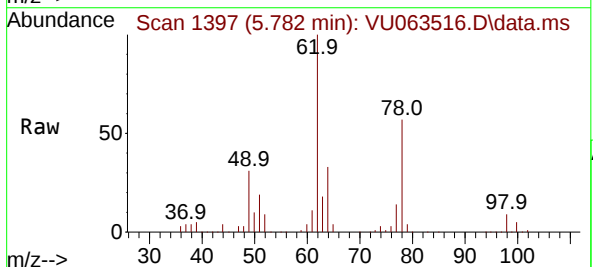
Manual Integrations
APPROVED

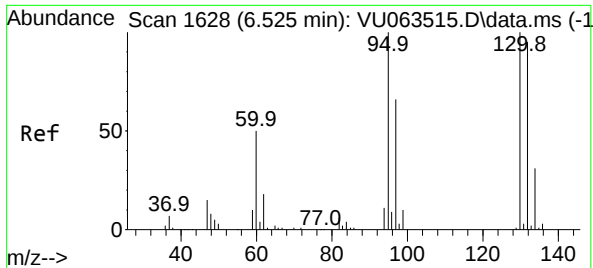
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#36
1,2-Dichloroethane
Concen: 16.165 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

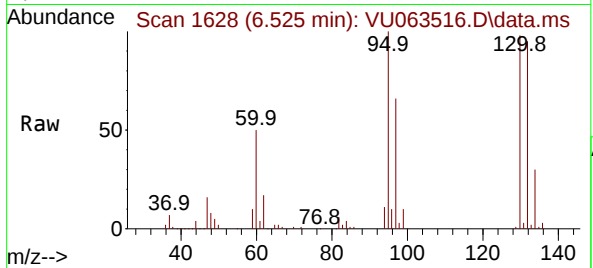
Tgt Ion: 62 Resp: 147295
Ion Ratio Lower Upper
62 100
98 8.3 6.4 9.6





#37
Trichloroethene
Concen: 17.198 ug/l
RT: 6.525 min Scan# 1628
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

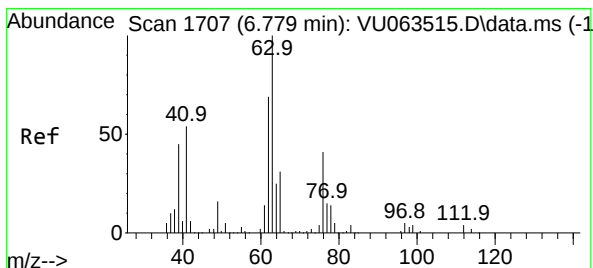
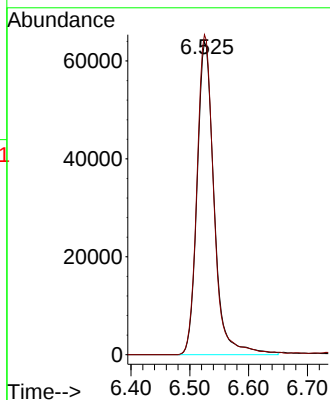
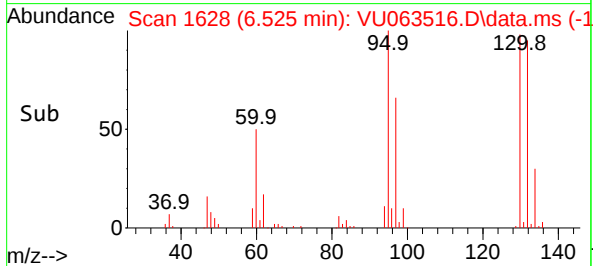
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



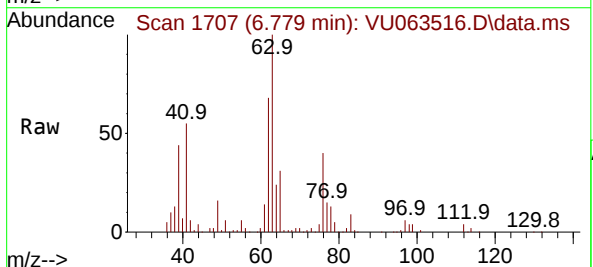
Tgt Ion:130 Resp: 128670
Ion Ratio Lower Upper
130 100
95 102.3 80.3 120.5

Manual Integrations
APPROVED

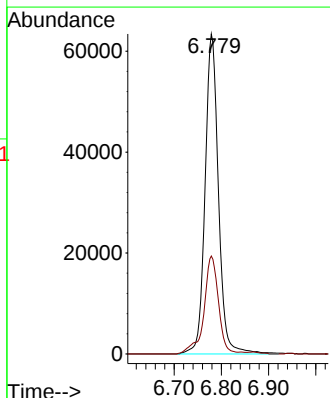
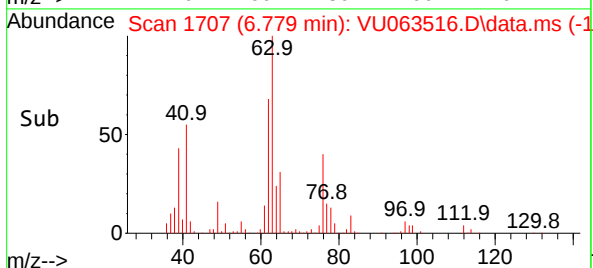
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

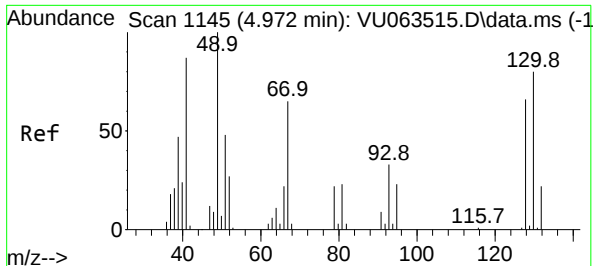


#38
1,2-Dichloropropane
Concen: 18.188 ug/l
RT: 6.779 min Scan# 1707
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11



Tgt Ion: 63 Resp: 124831
Ion Ratio Lower Upper
63 100
65 30.6 24.6 36.8





#39

Methacrylonitrile

Concen: 14.730 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VU063516.D

Acq: 16 Jul 2025 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 41 Resp: 3951

Ion Ratio Lower Upper

41 100

67 77.9 62.7 94.1

39 55.8 43.1 64.7

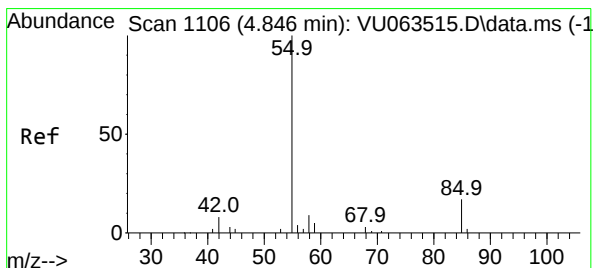
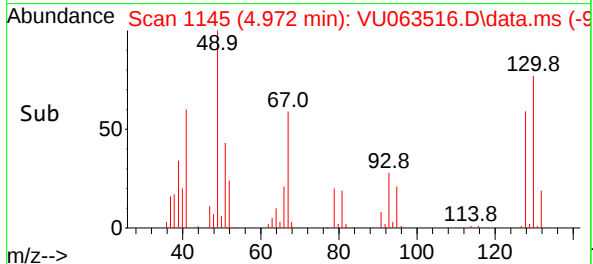
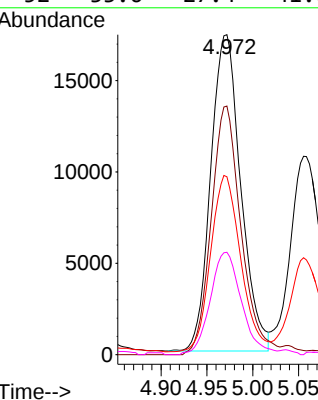
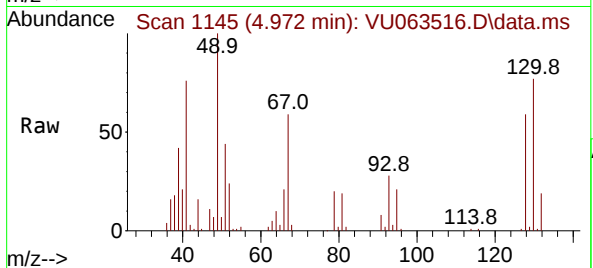
52 33.6 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#40

Methyl acrylate

Concen: 16.402 ug/l

RT: 4.843 min Scan# 1105

Delta R.T. -0.003 min

Lab File: VU063516.D

Acq: 16 Jul 2025 12:11

Tgt Ion: 55 Resp: 65123

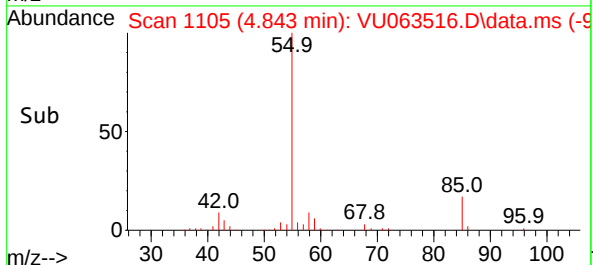
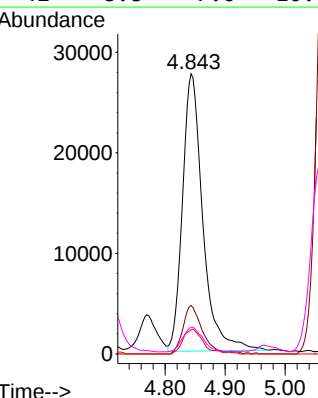
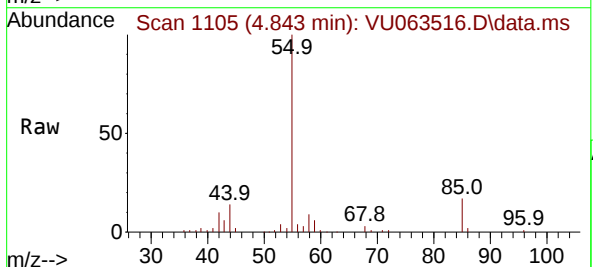
Ion Ratio Lower Upper

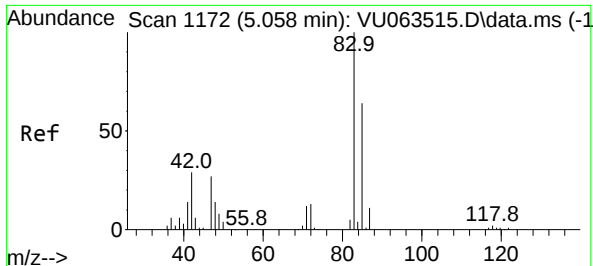
55 100

85 16.8 12.8 19.2

58 8.7 7.0 10.4

42 8.8 7.0 10.4





#41

Tetrahydrofuran

Concen: 28.595 ug/l

RT: 5.059 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VU063516.D

Acq: 16 Jul 2025 12:11

Instrument :

MSVOA_U

ClientSampleId :

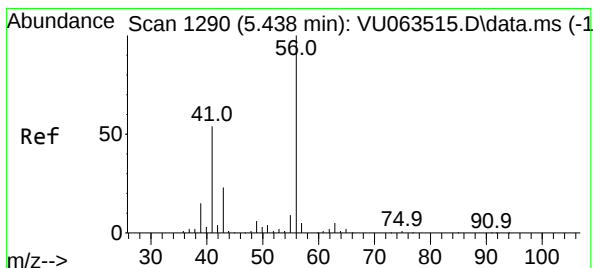
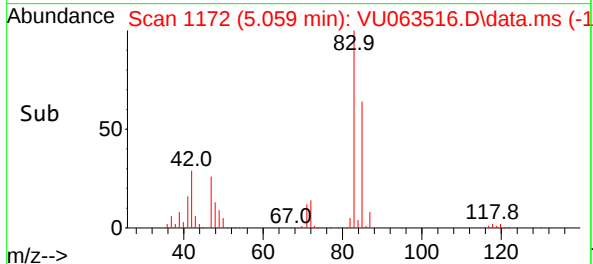
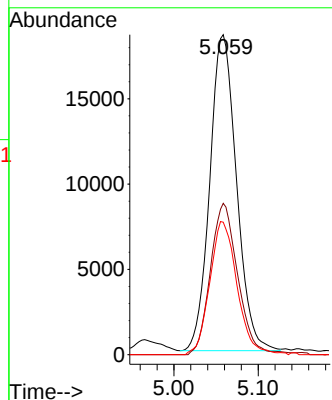
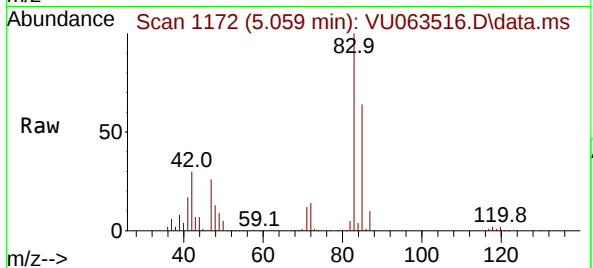
VSTDICC015

Tgt Ion:	42	Resp:	4085
Ion Ratio	Lower	Upper	
42	100		
72	49.0	39.2	58.8
71	43.0	34.8	52.2

Manual Integrations

APPROVED

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



#42

1-Chlorobutane

Concen: 15.991 ug/l

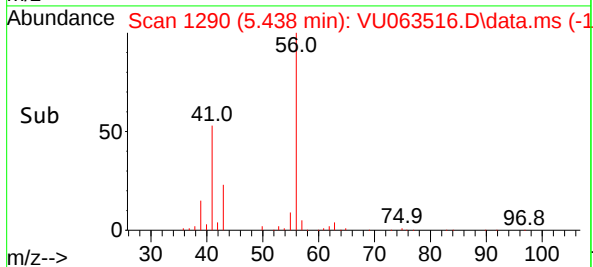
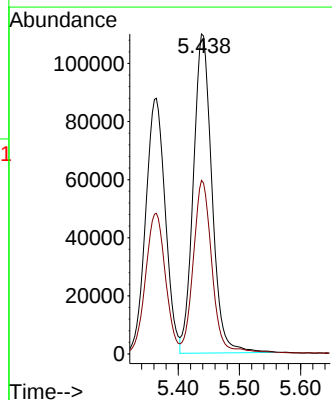
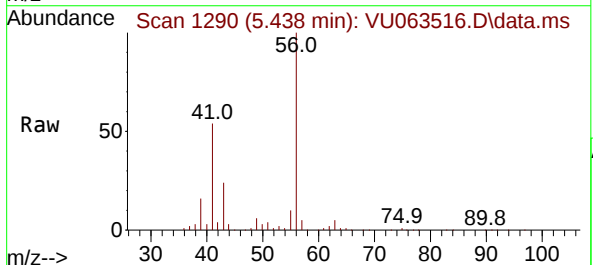
RT: 5.438 min Scan# 1290

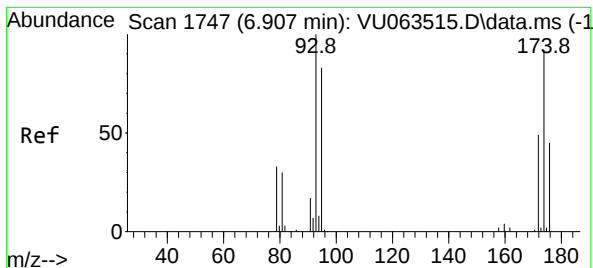
Delta R.T. 0.000 min

Lab File: VU063516.D

Acq: 16 Jul 2025 12:11

Tgt Ion:	56	Resp:	232046
Ion Ratio	Lower	Upper	
56	100		
41	54.1	26.7	80.0





#43

Dibromomethane

Concen: 17.639 ug/l

RT: 6.904 min Scan# 1746

Delta R.T. -0.003 min

Lab File: VU063516.D

Acq: 16 Jul 2025 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 93 Resp: 62710

Ion Ratio Lower Upper

93 100

95 84.7 67.9 101.9

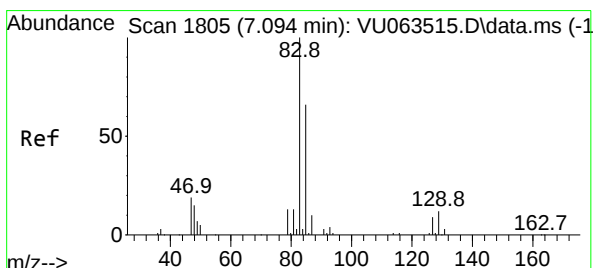
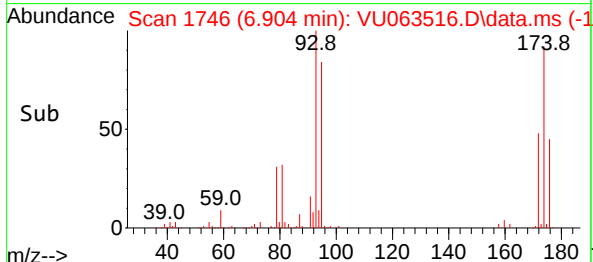
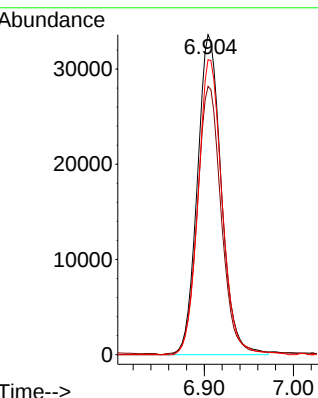
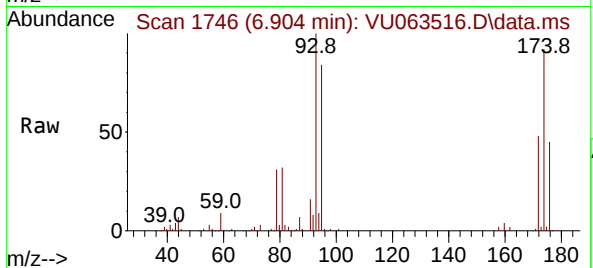
174 92.1 74.6 111.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#44

Bromodichloromethane

Concen: 18.058 ug/l

RT: 7.094 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VU063516.D

Acq: 16 Jul 2025 12:11

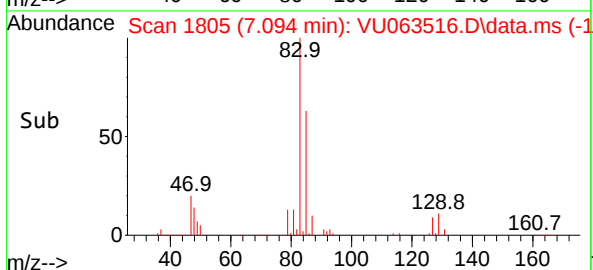
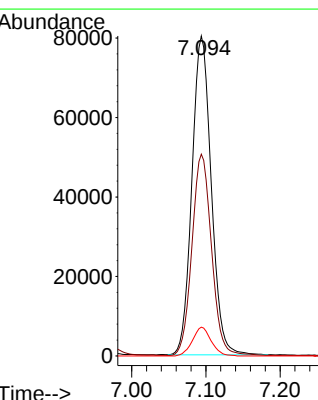
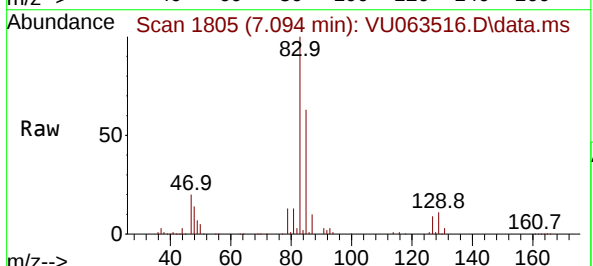
Tgt Ion: 83 Resp: 144794

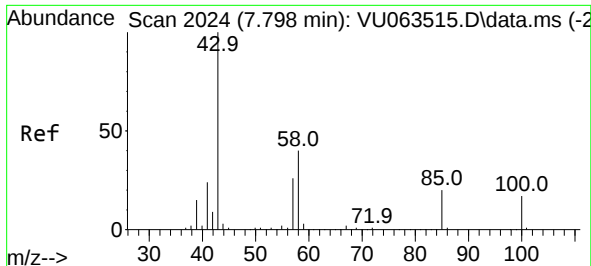
Ion Ratio Lower Upper

83 100

85 63.1 52.7 79.1

127 9.0 8.1 12.1





#45

4-Methyl-2-Pentanone

Concen: 84.821 ug/l

RT: 7.795 min Scan# 2023

Delta R.T. -0.003 min

Lab File: VU063516.D

Acq: 16 Jul 2025 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 43 Resp: 31082

Ion Ratio Lower Upper

43 100

58 39.8 20.0 60.0

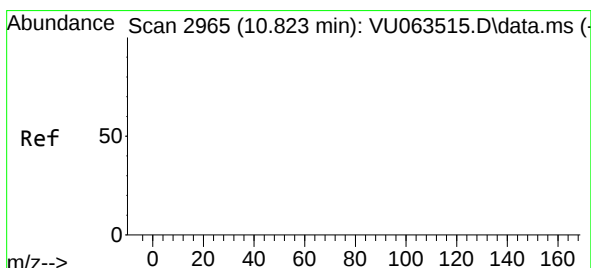
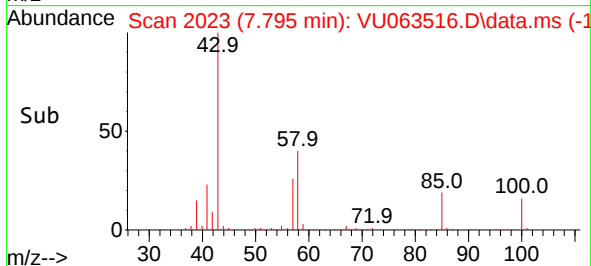
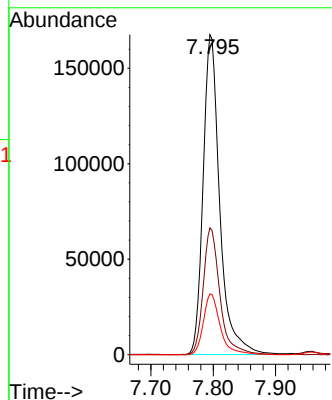
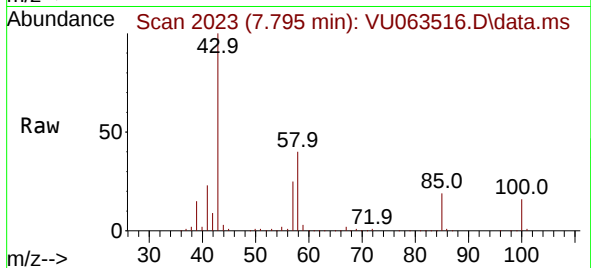
85 19.1 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#46

t-1,4-Dichloro-2-butene

Concen: 32.085 ug/l m

RT: 10.824 min Scan# 2965

Delta R.T. 0.000 min

Lab File: VU063516.D

Acq: 16 Jul 2025 12:11

Tgt Ion: 75 Resp: 41713

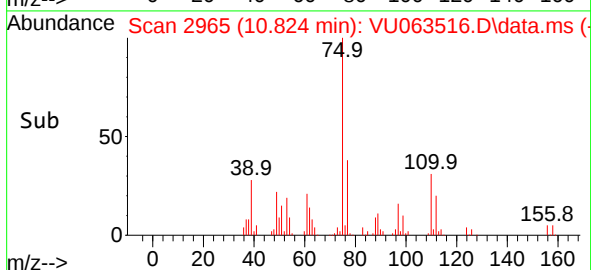
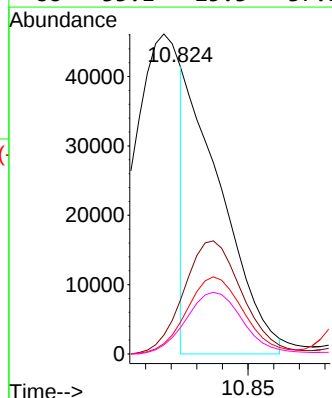
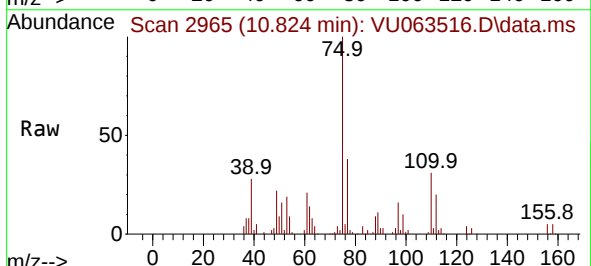
Ion Ratio Lower Upper

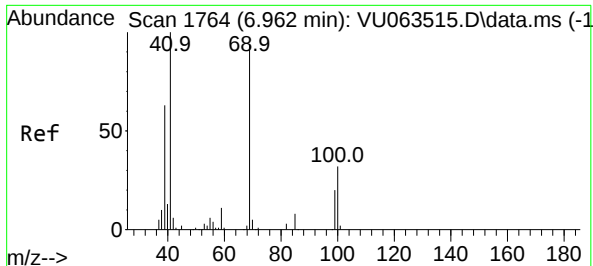
75 100

53 62.2 48.4 72.6

89 41.5 30.6 45.8

88 33.1 25.3 37.9





#47

Methyl methacrylate

Concen: 38.417 ug/l

RT: 6.962 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063516.D

Acq: 16 Jul 2025 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 69 Resp: 114710

Ion Ratio Lower Upper

69 100

41 114.4 0.0 224.0

39 71.0 55.3 82.9

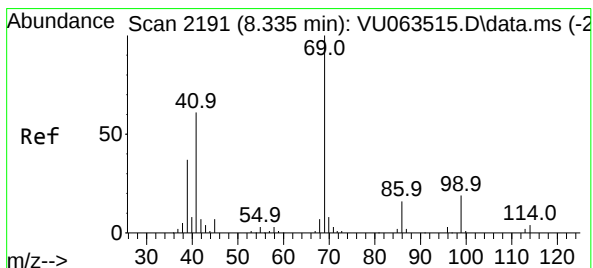
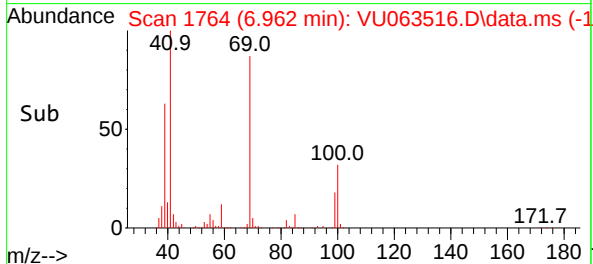
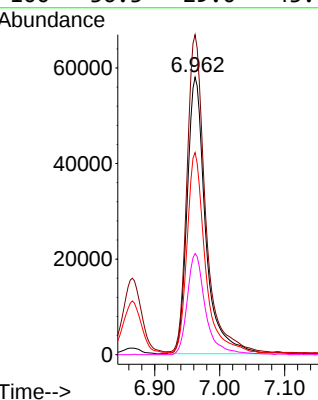
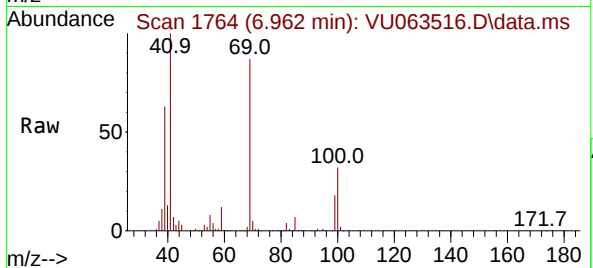
100 36.3 29.0 43.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#48

Ethyl methacrylate

Concen: 17.728 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.000 min

Lab File: VU063516.D

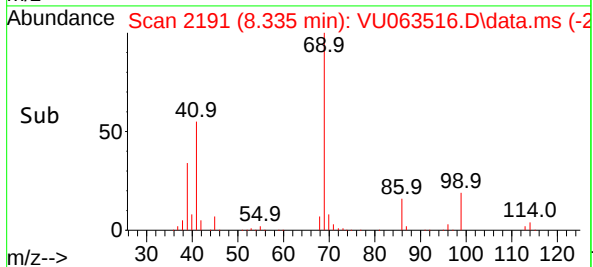
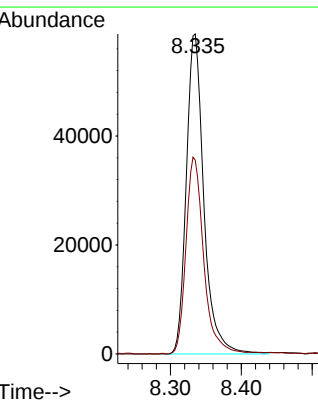
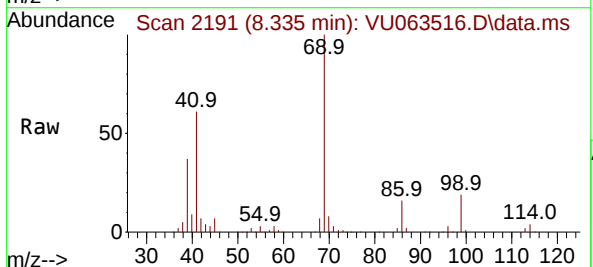
Acq: 16 Jul 2025 12:11

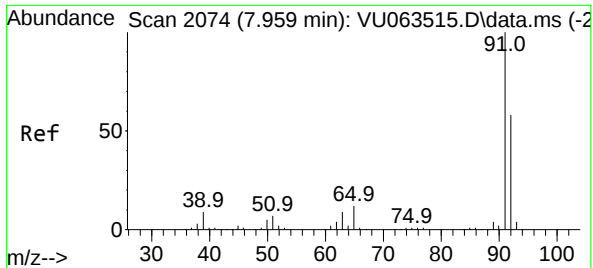
Tgt Ion: 69 Resp: 101021

Ion Ratio Lower Upper

69 100

41 62.2 30.8 92.4





#49

Toluene

Concen: 16.751 ug/l

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU063516.D

Acq: 16 Jul 2025 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 92 Resp: 26820

Ion Ratio Lower Upper

92 100

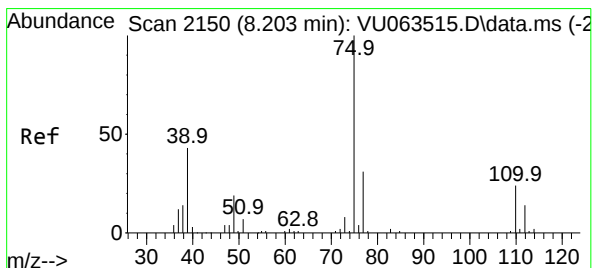
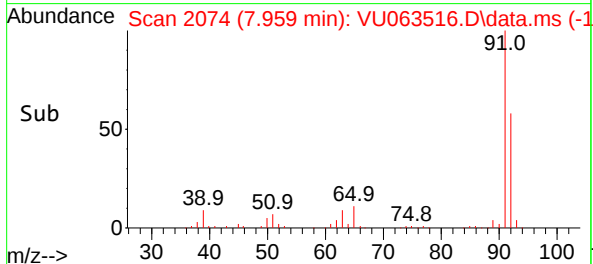
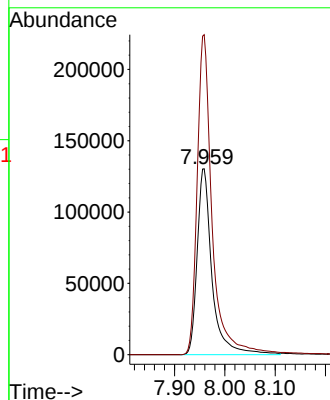
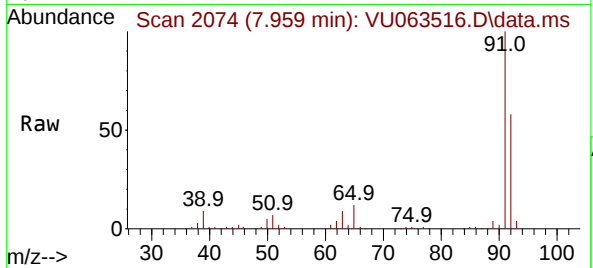
91 173.9 140.4 210.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#50

t-1,3-Dichloropropene

Concen: 18.597 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU063516.D

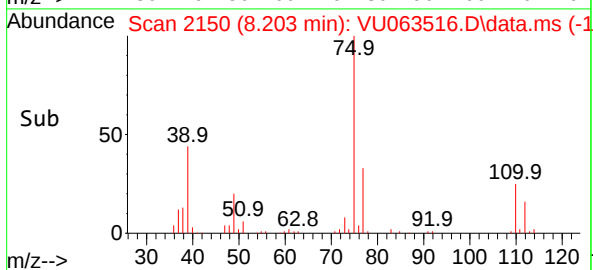
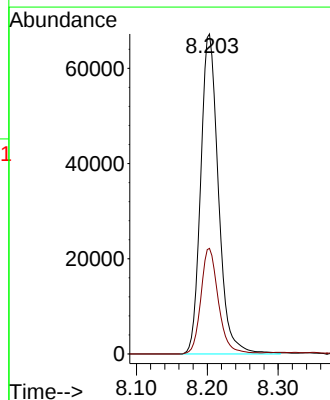
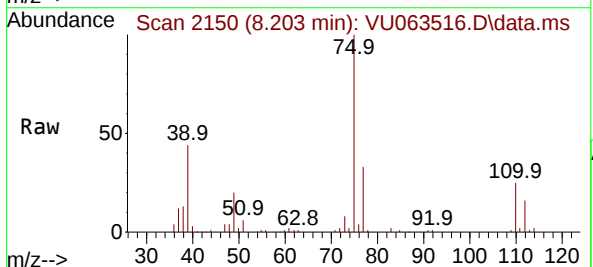
Acq: 16 Jul 2025 12:11

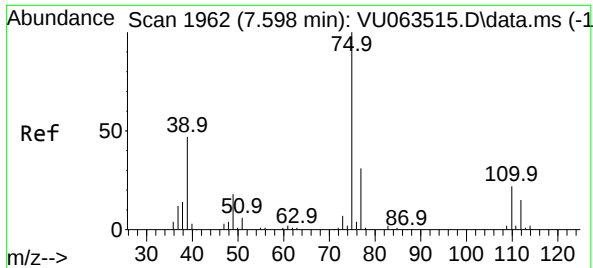
Tgt Ion: 75 Resp: 116990

Ion Ratio Lower Upper

75 100

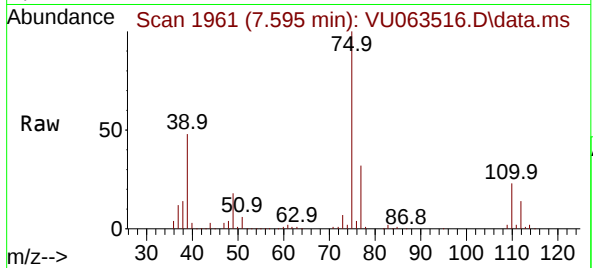
77 33.0 24.9 37.3





#51
 cis-1,3-Dichloropropene
 Concen: 20.004 ug/l
 RT: 7.595 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU063516.D
 Acq: 16 Jul 2025 12:11

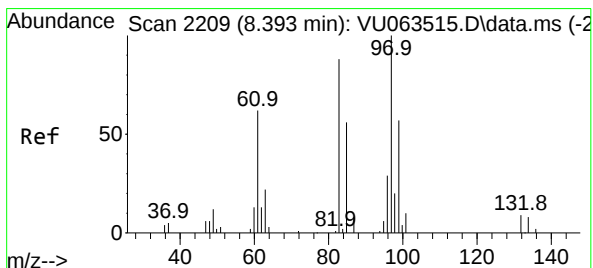
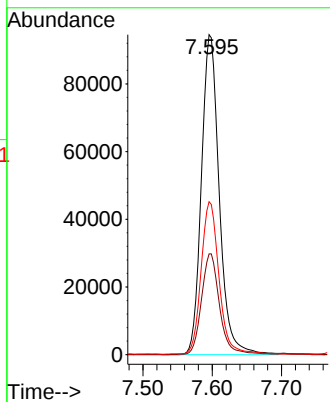
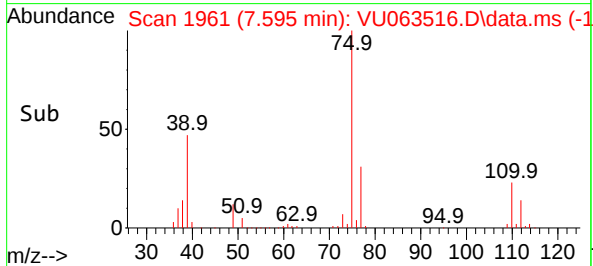
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015



Tgt Ion: 75 Resp: 168909
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.1 37.7
 39 47.5 37.8 56.6

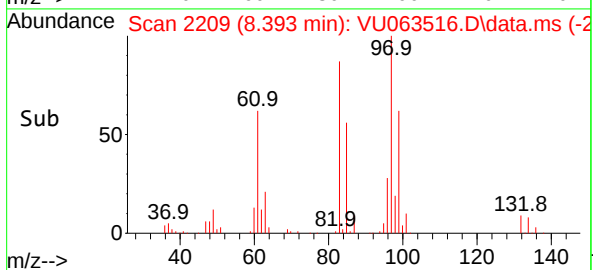
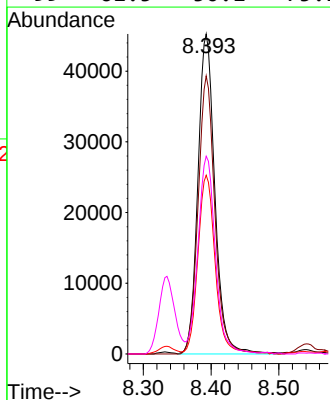
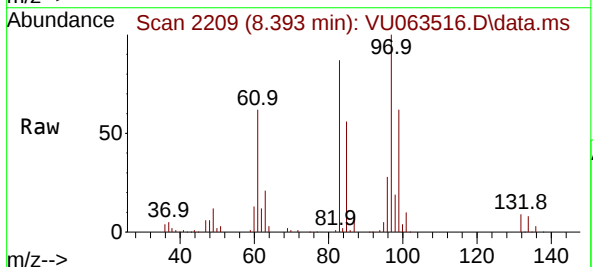
Manual Integrations
 APPROVED

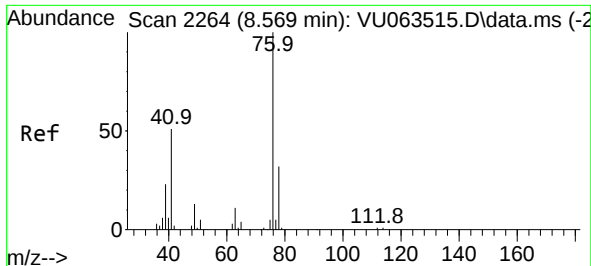
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#52
 1,1,2-Trichloroethane
 Concen: 16.480 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.000 min
 Lab File: VU063516.D
 Acq: 16 Jul 2025 12:11

Tgt Ion: 97 Resp: 78885
 Ion Ratio Lower Upper
 97 100
 83 86.9 70.2 105.2
 85 55.9 45.2 67.8
 99 61.5 50.1 75.1





#53

1,3-Dichloropropane

Concen: 16.441 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063516.D

Acq: 16 Jul 2025 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 76 Resp: 13586

Ion Ratio Lower Upper

76 100

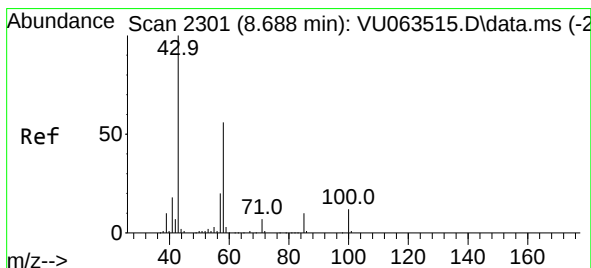
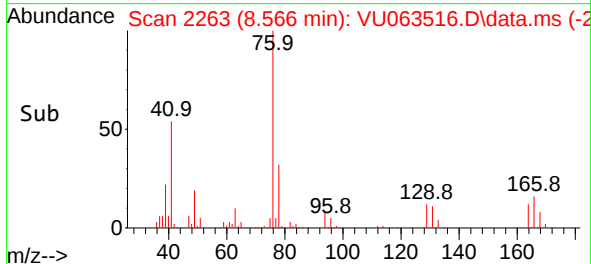
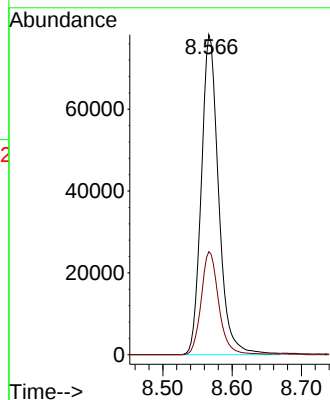
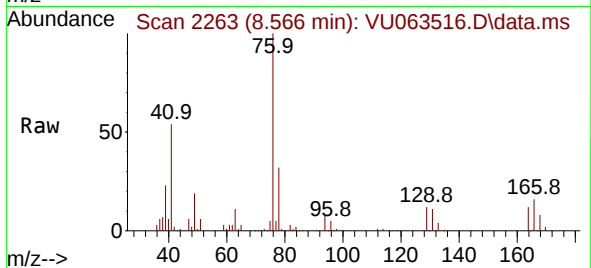
78 32.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#54

2-Hexanone

Concen: 87.533 ug/l

RT: 8.689 min Scan# 2301

Delta R.T. 0.000 min

Lab File: VU063516.D

Acq: 16 Jul 2025 12:11

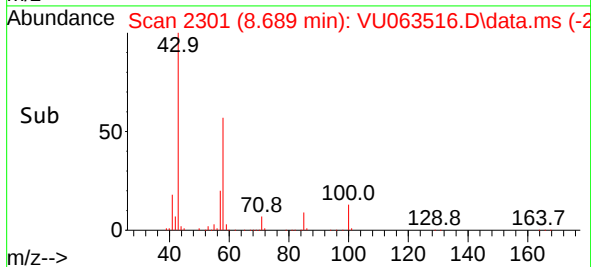
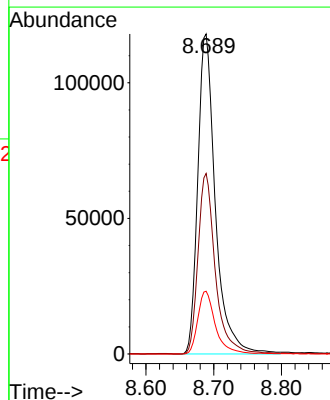
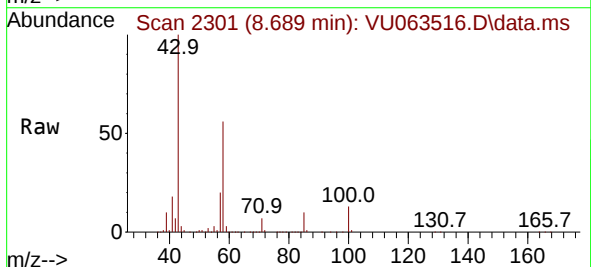
Tgt Ion: 43 Resp: 213057

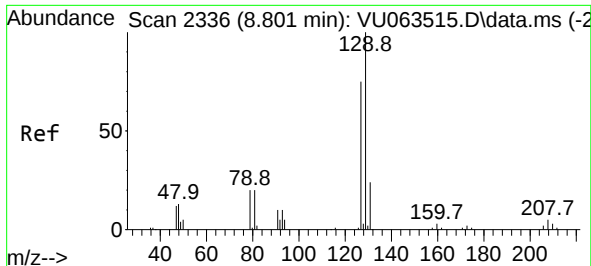
Ion Ratio Lower Upper

43 100

58 55.4 34.8 74.8

57 19.5 0.0 39.5





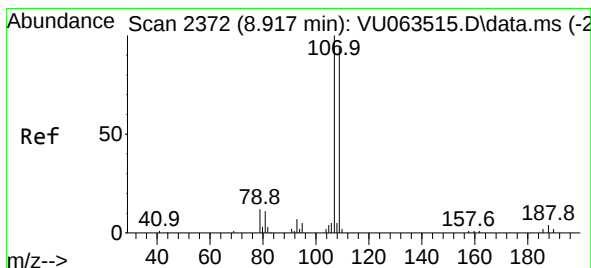
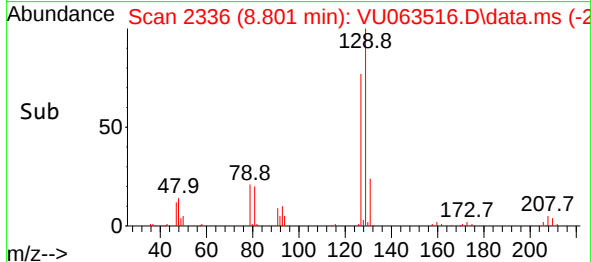
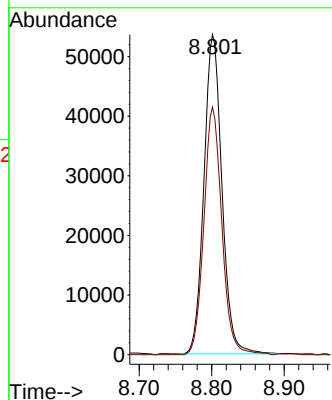
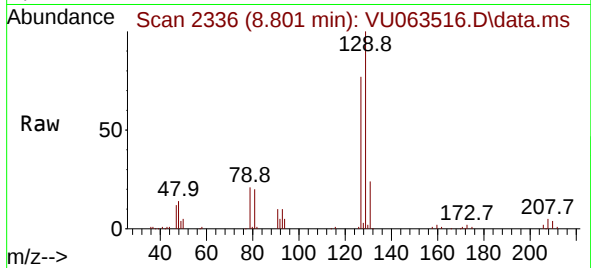
#55
Dibromochloromethane
Concen: 18.292 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:129 Resp: 92530
Ion Ratio Lower Upper
129 100
127 77.2 60.1 90.1

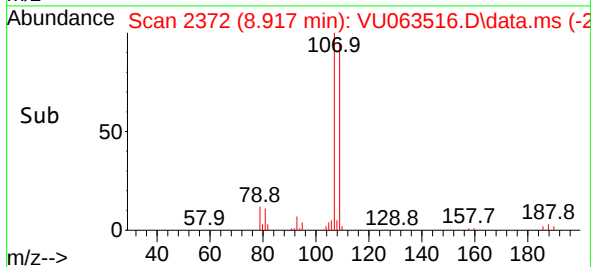
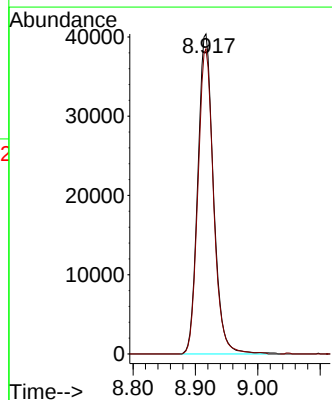
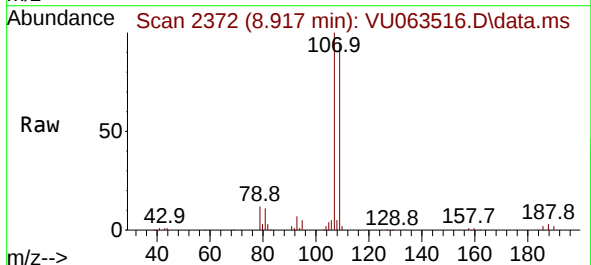
Manual Integrations
APPROVED

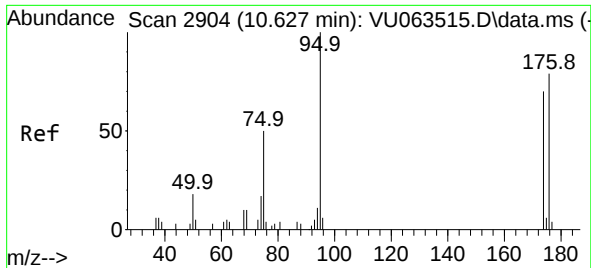
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#56
1,2-Dibromoethane
Concen: 16.452 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

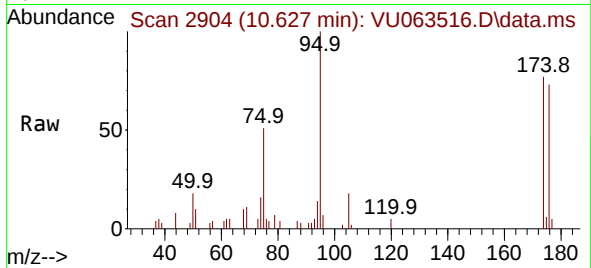
Tgt Ion:107 Resp: 70483
Ion Ratio Lower Upper
107 100
109 94.8 0.0 186.4





#57
4-Bromofluorobenzene
Concen: 1.051 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

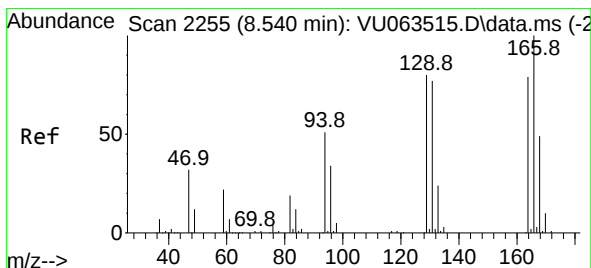
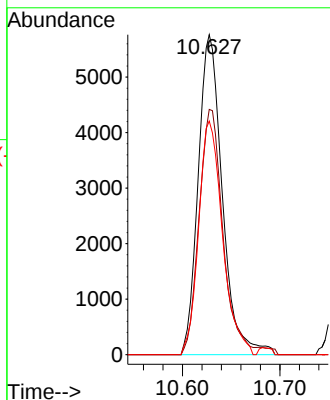
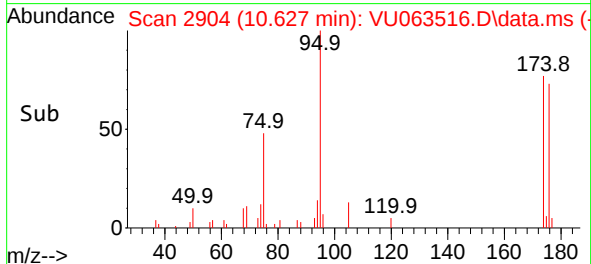
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion: 95 Resp: 990
Ion Ratio Lower Upper
95 100
174 77.1 59.8 89.8
176 72.2 61.8 92.8

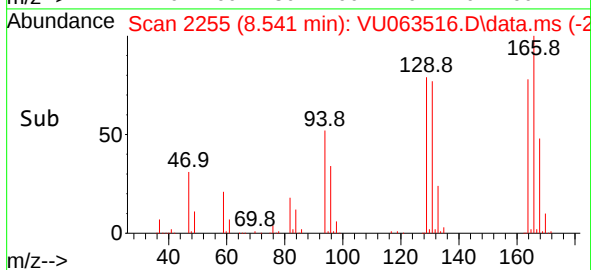
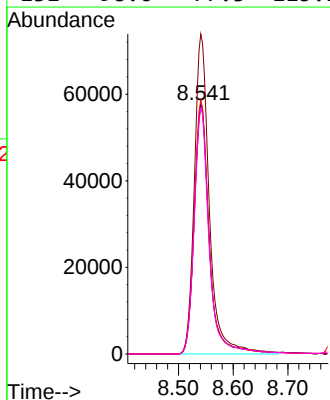
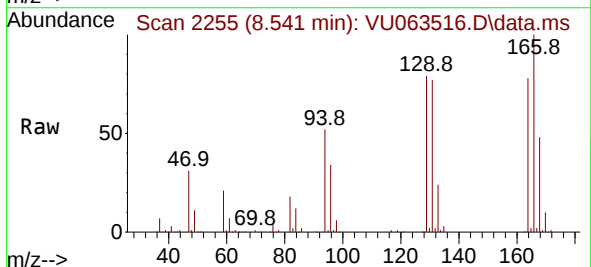
Manual Integrations
APPROVED

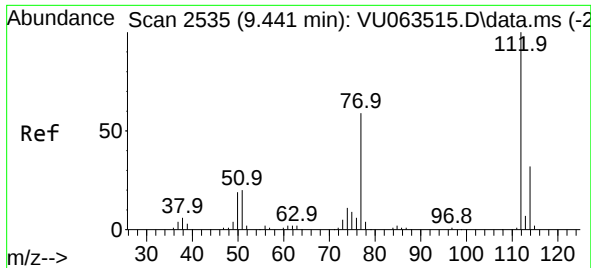
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#58
Tetrachloroethene
Concen: 16.111 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

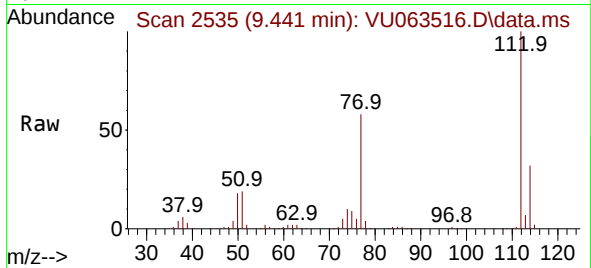
Tgt Ion:164 Resp: 110328
Ion Ratio Lower Upper
164 100
166 128.3 100.7 151.1
129 101.8 80.6 120.8
131 98.6 77.3 115.9





#59
Chlorobenzene
Concen: 16.822 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

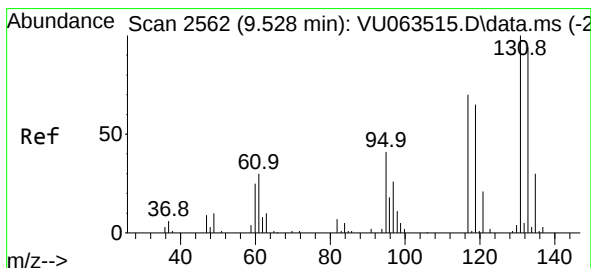
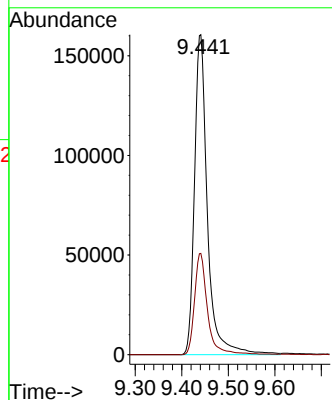
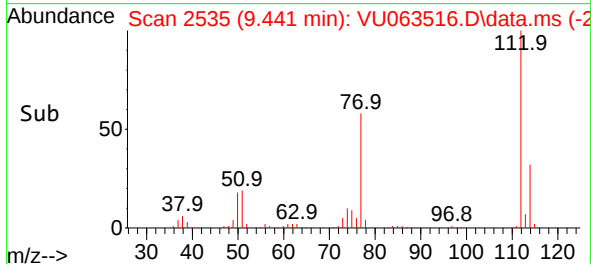
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



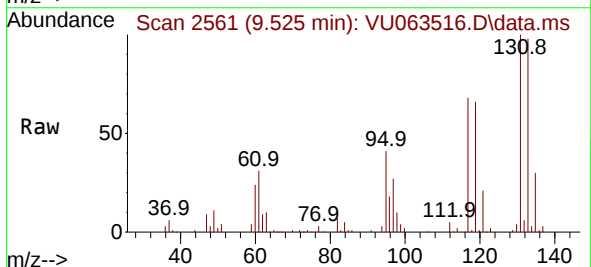
Tgt Ion:112 Resp: 30935
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

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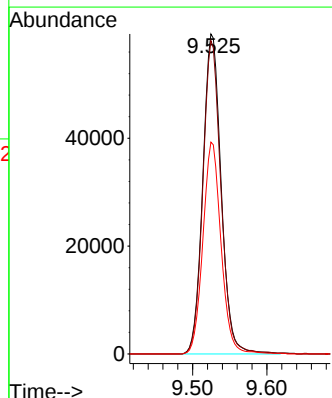
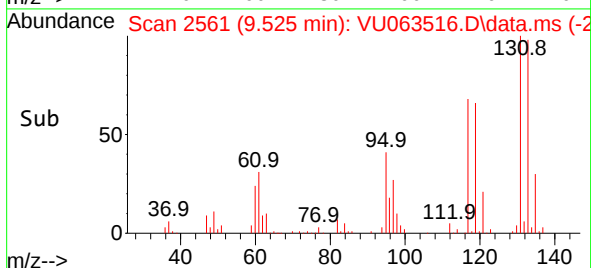
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

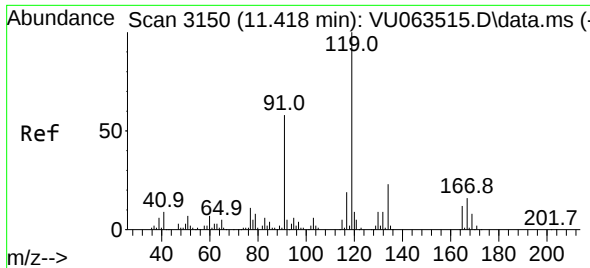


#60
1,1,1,2-Tetrachloroethane
Concen: 17.225 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11



Tgt Ion:131 Resp: 101862
Ion Ratio Lower Upper
131 100
133 96.4 74.7 112.1
119 65.3 53.0 79.4





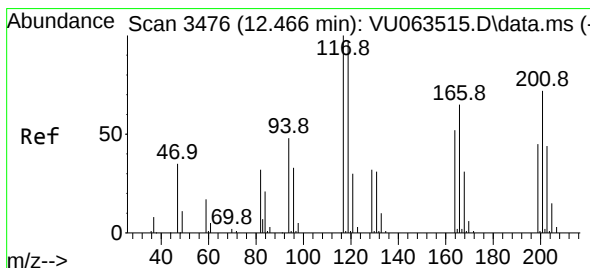
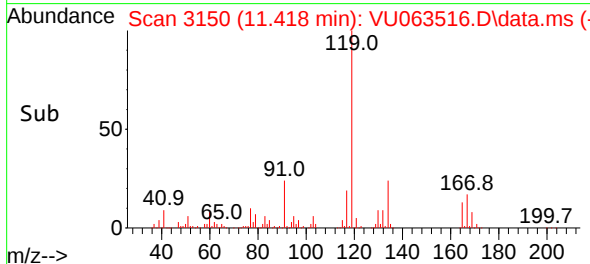
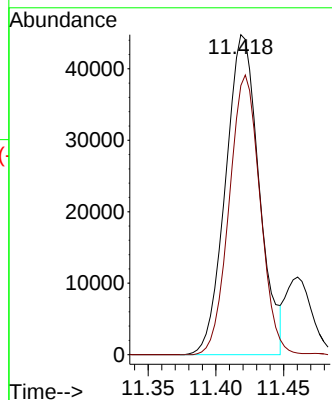
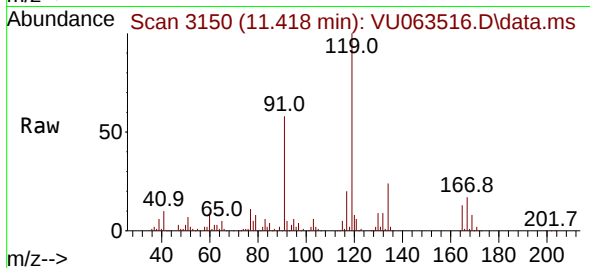
#61
Pentachloroethane
Concen: 18.487 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion:117 Resp: 7725
Ion Ratio Lower Upper
117 100
167 80.2 65.0 97.6

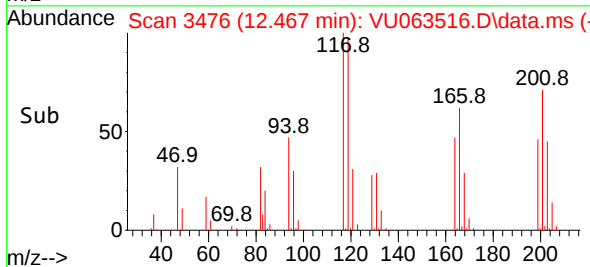
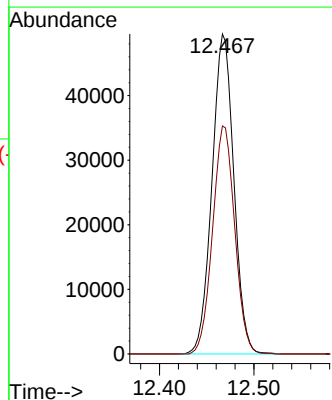
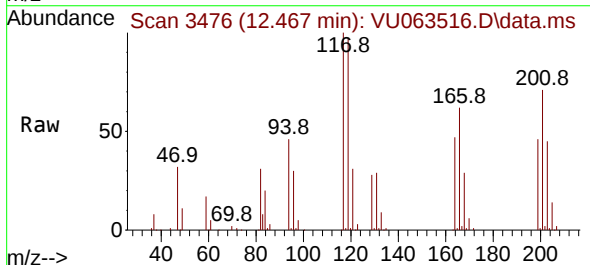
Manual Integrations
APPROVED

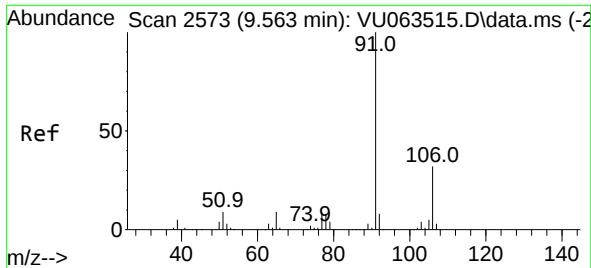
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#62
Hexachloroethane
Concen: 19.195 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

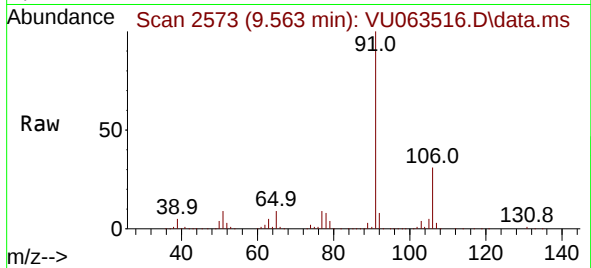
Tgt Ion:117 Resp: 79431
Ion Ratio Lower Upper
117 100
201 72.3 57.4 86.0





#63
Ethyl Benzene
Concen: 16.614 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

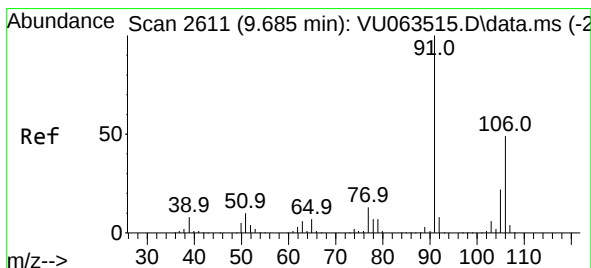
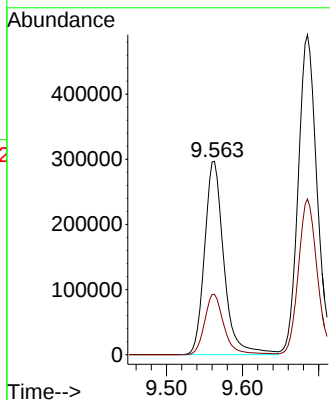
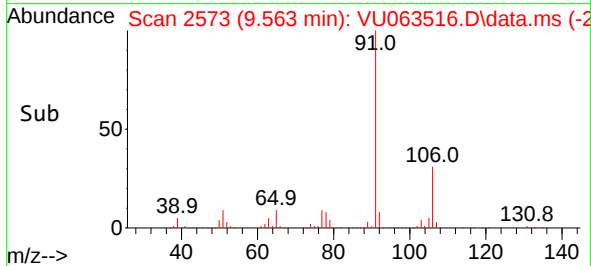
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



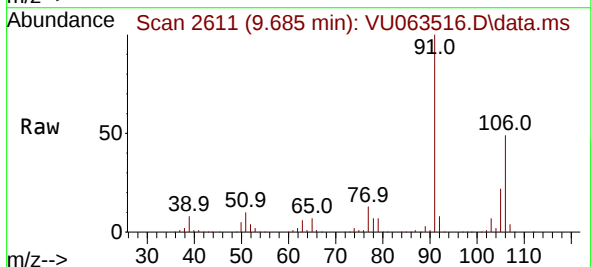
Tgt Ion: 91 Resp: 52575
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.0

Manual Integrations
APPROVED

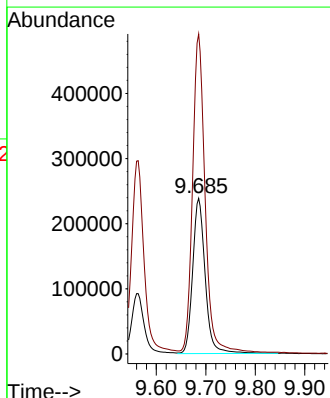
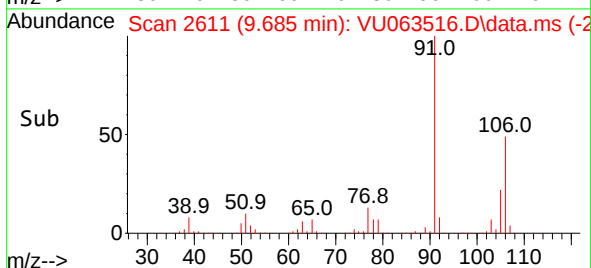
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

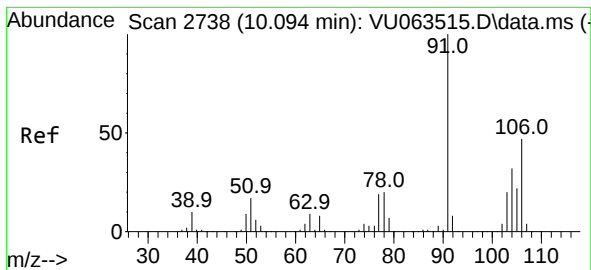


#64
m/p-Xylenes
Concen: 34.249 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11



Tgt Ion:106 Resp: 421278
Ion Ratio Lower Upper
106 100
91 204.6 163.6 245.4





#65

o-Xylene

Concen: 17.365 ug/l

RT: 10.091 min Scan# 2738

Delta R.T. -0.003 min

Lab File: VU063516.D

Acq: 16 Jul 2025 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion:106 Resp: 205249

Ion Ratio Lower Upper

106 100

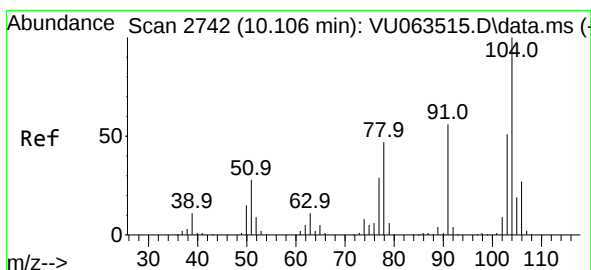
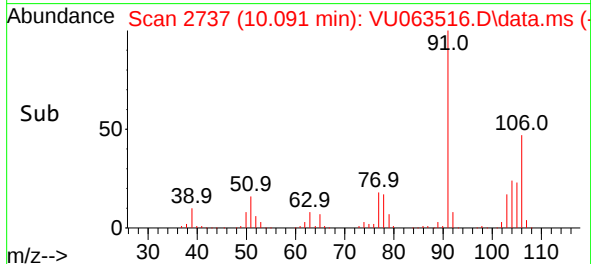
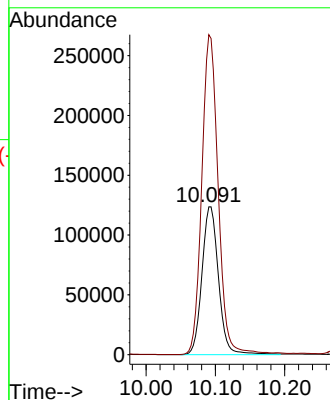
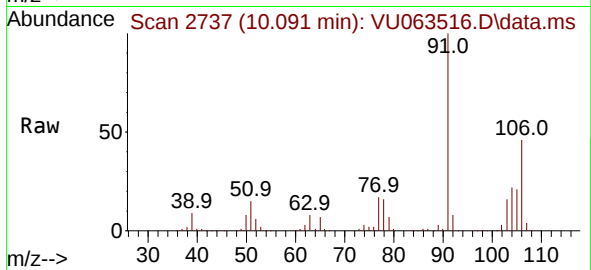
91 213.5 108.1 324.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#66

Styrene

Concen: 17.837 ug/l

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU063516.D

Acq: 16 Jul 2025 12:11

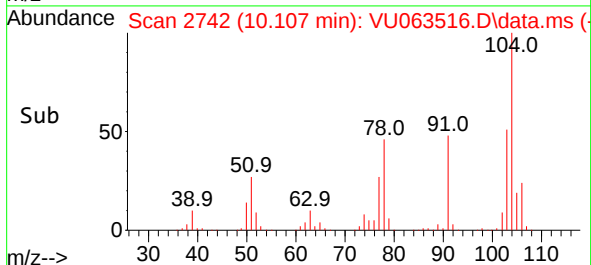
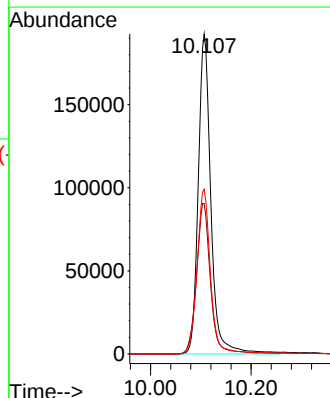
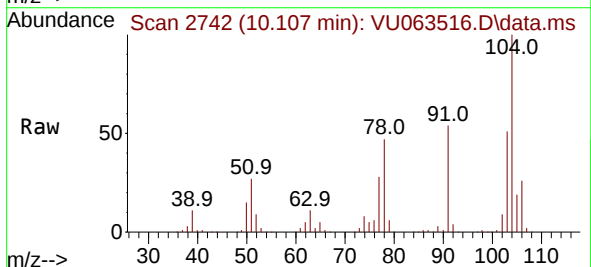
Tgt Ion:104 Resp: 336001

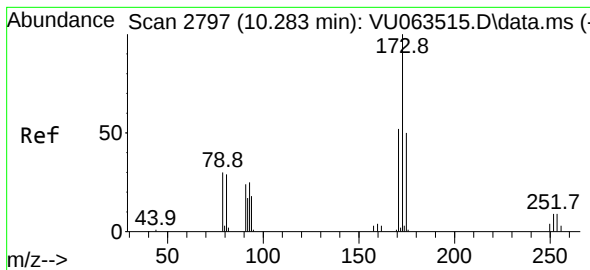
Ion Ratio Lower Upper

104 100

78 51.5 41.3 61.9

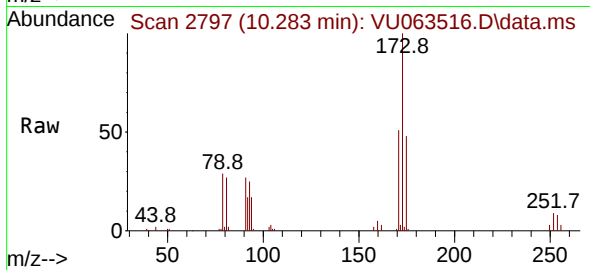
103 54.8 43.6 65.4





#67
Bromoform
Concen: 18.852 ug/l
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

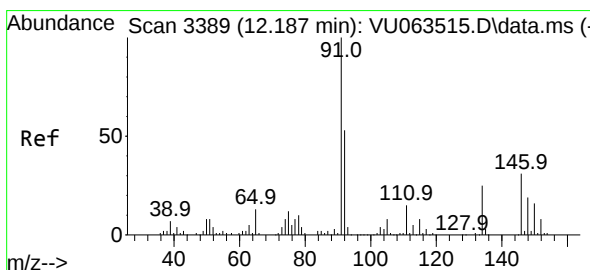
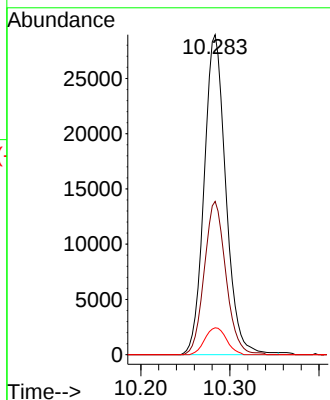
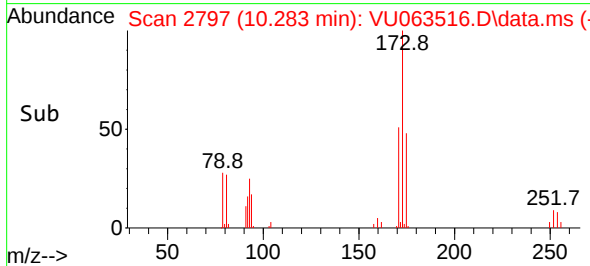
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



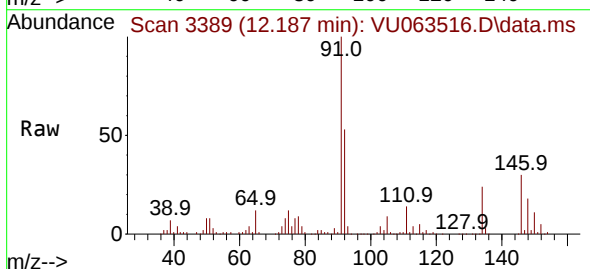
Tgt Ion:173 Resp: 48978
Ion Ratio Lower Upper
173 100
175 47.7 39.0 58.4
254 8.4 6.5 9.7

Manual Integrations
APPROVED

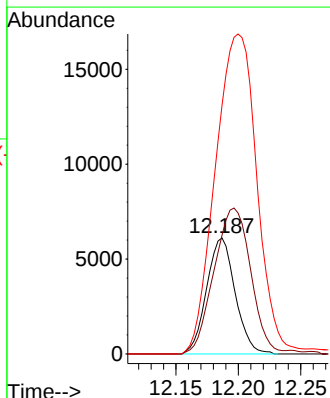
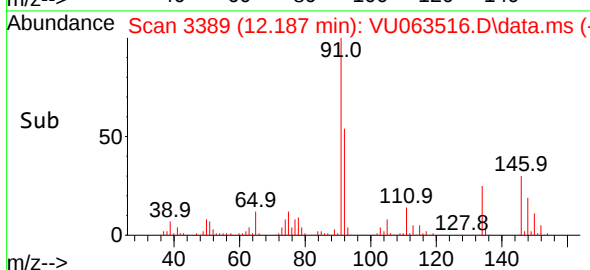
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

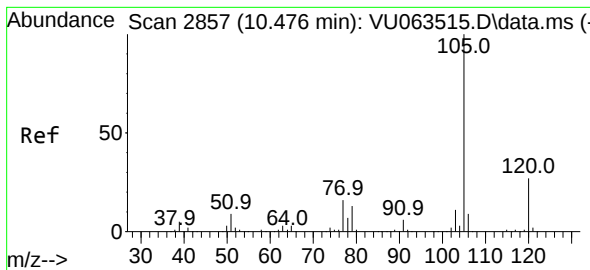


#68
1,2-Dichlorobenzene-d4
Concen: 1.118 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11



Tgt Ion:152 Resp: 9748
Ion Ratio Lower Upper
152 100
115 162.9 0.0 262.2
150 405.8 0.0 651.2





#69

Isopropylbenzene

Concen: 17.221 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU063516.D

Acq: 16 Jul 2025 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion:105 Resp: 49208

Ion Ratio Lower Upper

105 100

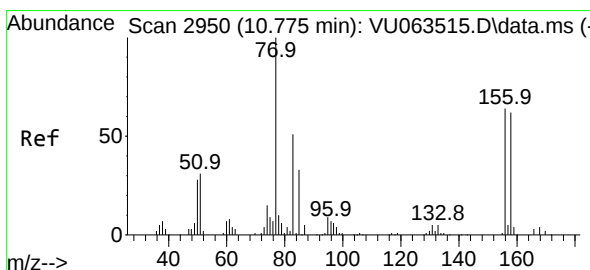
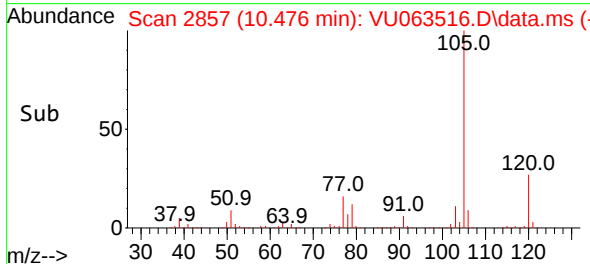
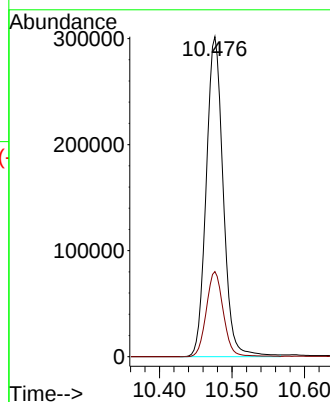
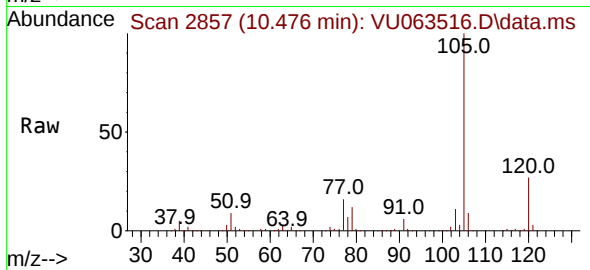
120 26.8 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 16.933 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU063516.D

Acq: 16 Jul 2025 12:11

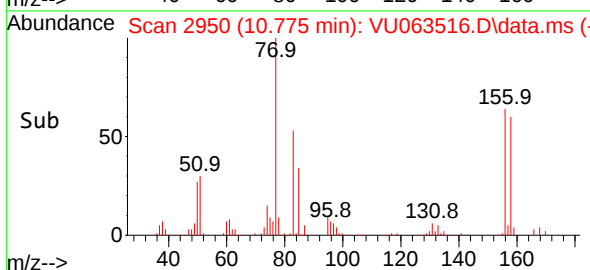
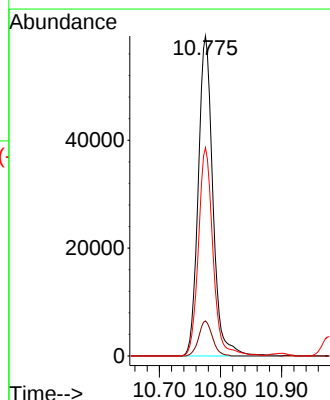
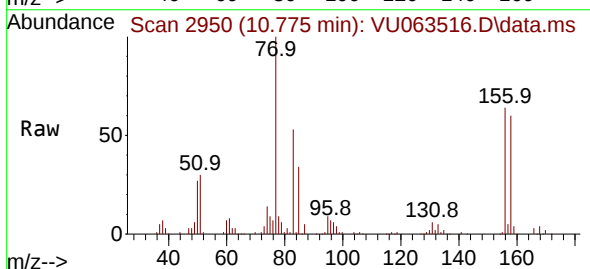
Tgt Ion: 83 Resp: 98628

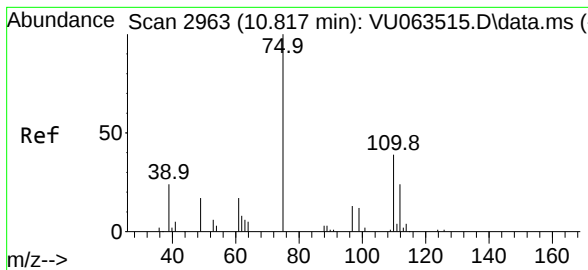
Ion Ratio Lower Upper

83 100

131 10.3 8.4 12.6

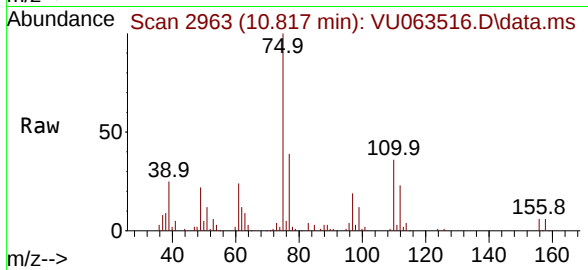
85 64.7 51.9 77.9





#71
1,2,3-Trichloropropane
Concen: 16.049 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

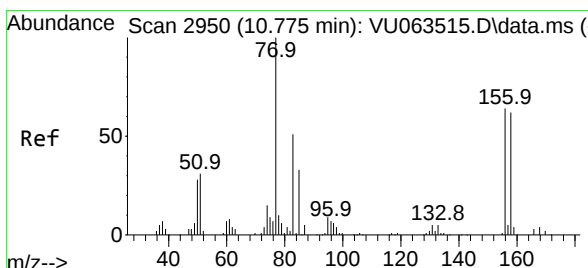
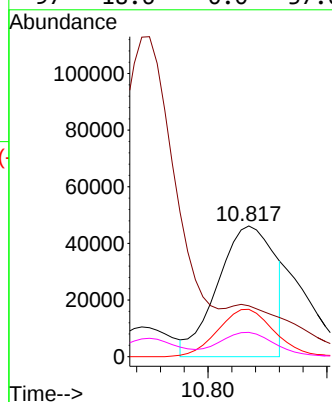
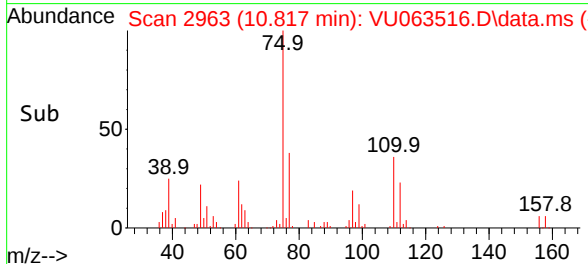
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



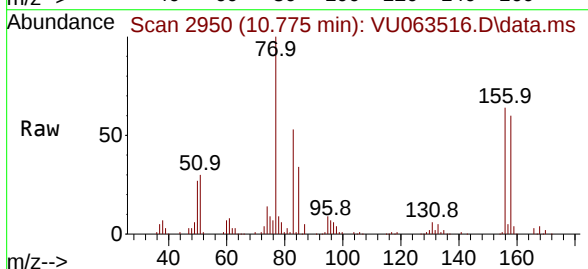
Tgt Ion: 75 Resp: 76288
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 36.7 0.0 73.2
97 18.6 0.0 37.6

Manual Integrations
APPROVED

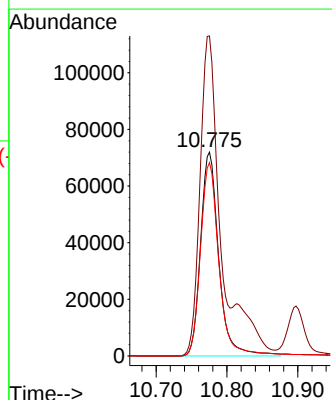
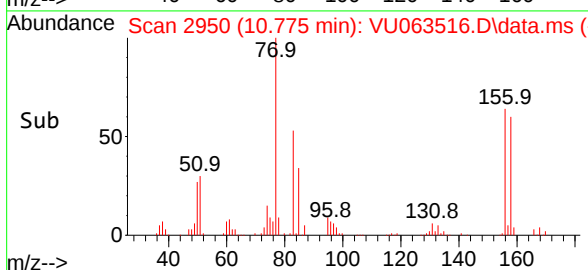
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

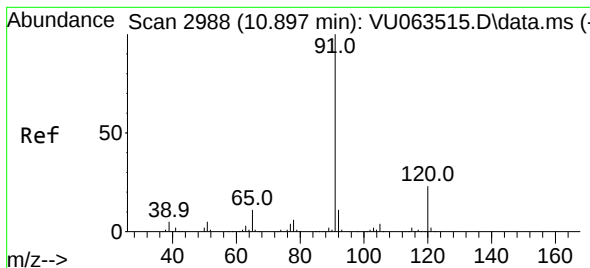


#72
Bromobenzene
Concen: 17.363 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11



Tgt Ion:156 Resp: 128042
Ion Ratio Lower Upper
156 100
77 152.6 0.0 315.2
158 97.1 0.0 195.4





#73

n-propylbenzene

Concen: 17.433 ug/l

RT: 10.898 min Scan# 2988

Delta R.T. 0.000 min

Lab File: VU063516.D

Acq: 16 Jul 2025 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion:120 Resp: 149954

Ion Ratio Lower Upper

120 100

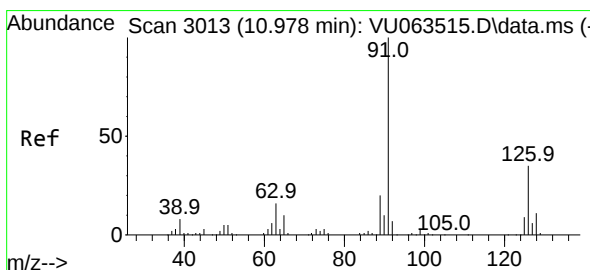
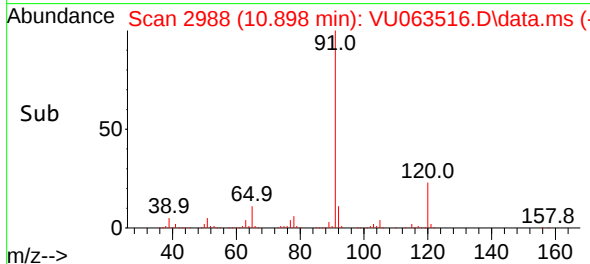
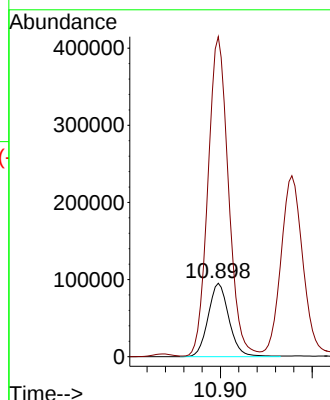
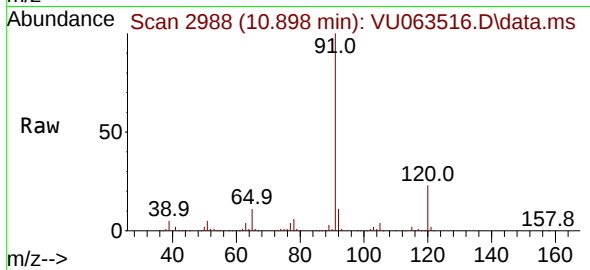
91 428.5 343.1 514.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#74

2-Chlorotoluene

Concen: 17.136 ug/l

RT: 10.978 min Scan# 3013

Delta R.T. 0.000 min

Lab File: VU063516.D

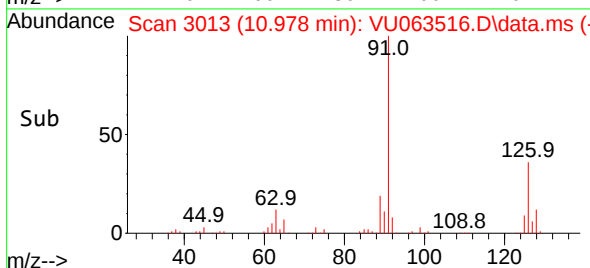
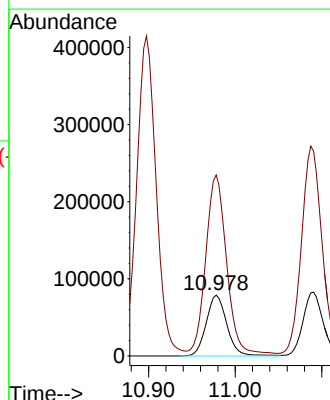
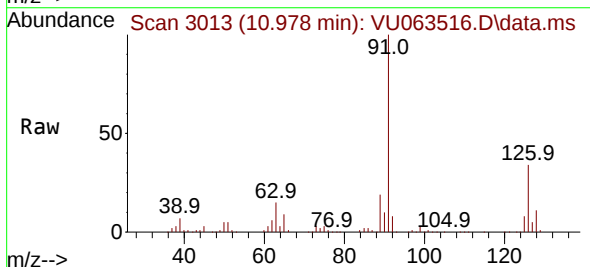
Acq: 16 Jul 2025 12:11

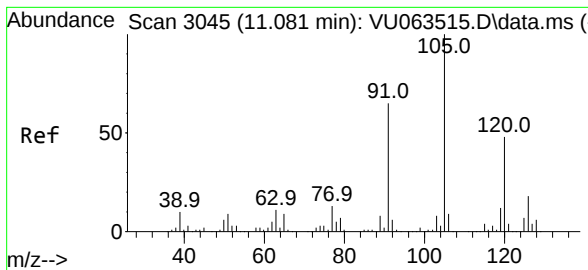
Tgt Ion:126 Resp: 130274

Ion Ratio Lower Upper

126 100

91 299.6 0.0 606.0





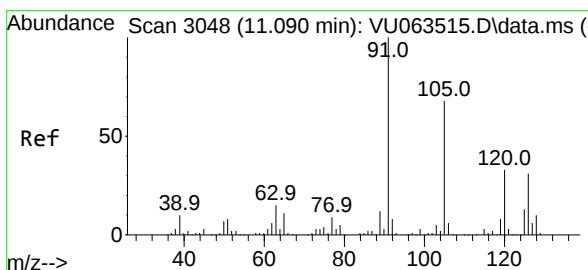
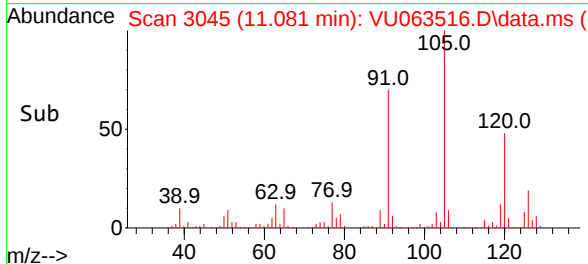
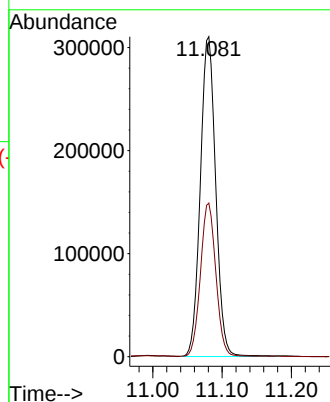
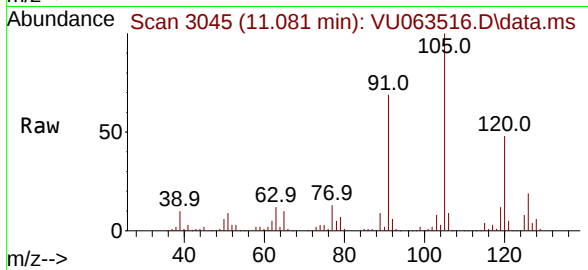
#75
1,3,5-Trimethylbenzene
Concen: 17.511 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp: 478010
Ion Ratio Lower Upper
105 100
120 47.8 37.8 56.8

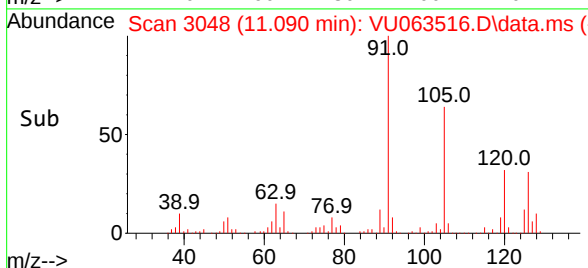
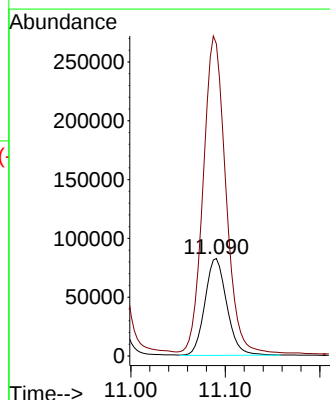
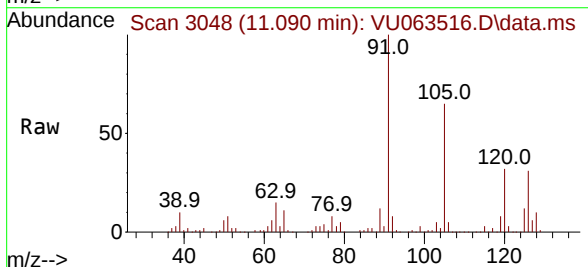
Manual Integrations
APPROVED

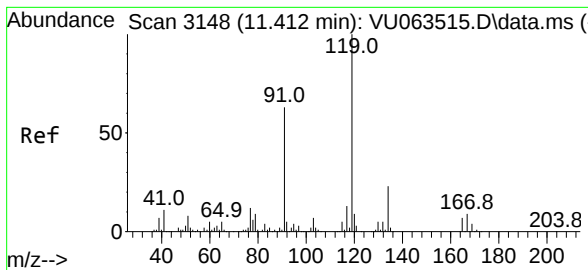
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#76
4-Chlorotoluene
Concen: 17.147 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

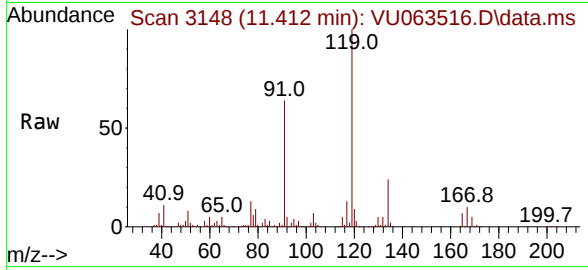
Tgt Ion:126 Resp: 132384
Ion Ratio Lower Upper
126 100
91 337.8 0.0 682.2





#77
 tert-Butylbenzene
 Concen: 17.282 ug/l
 RT: 11.412 min Scan# 3148
 Delta R.T. 0.000 min
 Lab File: VU063516.D
 Acq: 16 Jul 2025 12:11

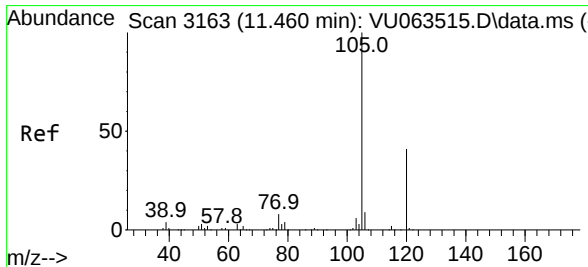
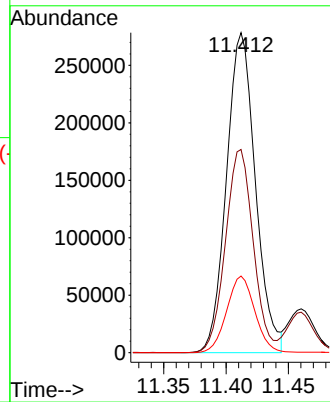
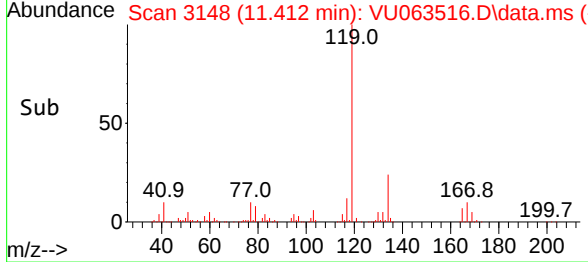
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015



Tgt Ion:119 Resp: 450840
 Ion Ratio Lower Upper
 119 100
 91 61.0 30.7 92.1
 134 23.3 18.5 27.7

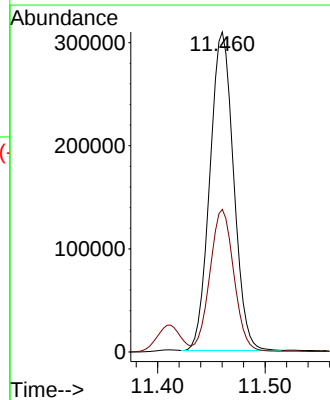
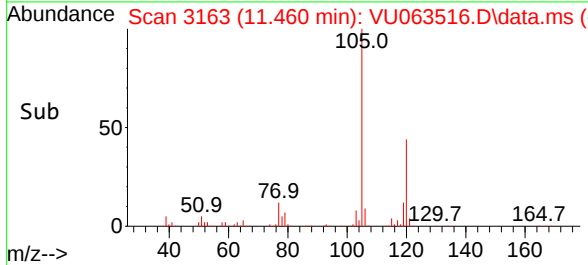
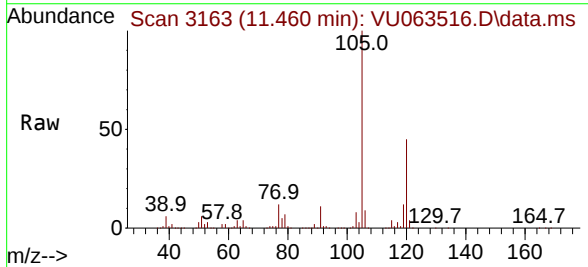
Manual Integrations
 APPROVED

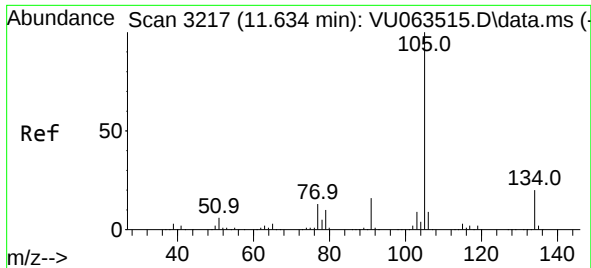
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#78
 1,2,4-Trimethylbenzene
 Concen: 17.485 ug/l
 RT: 11.460 min Scan# 3163
 Delta R.T. 0.000 min
 Lab File: VU063516.D
 Acq: 16 Jul 2025 12:11

Tgt Ion:105 Resp: 473538
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.7 68.0





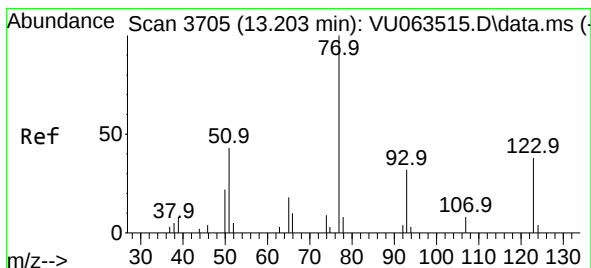
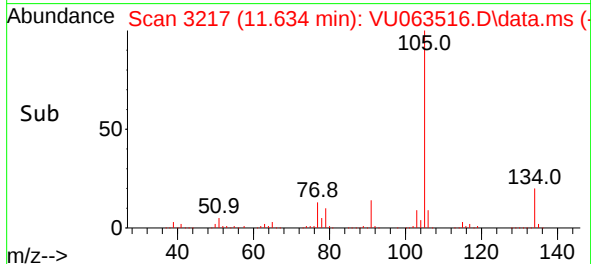
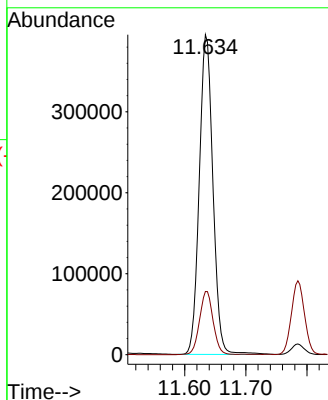
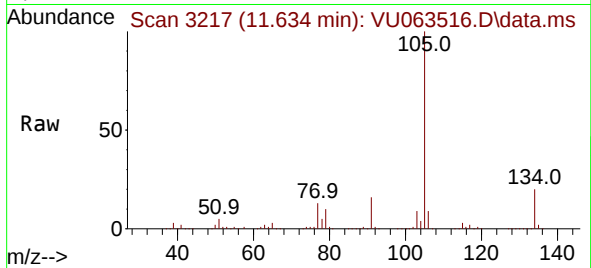
#79
 sec-Butylbenzene
 Concen: 17.415 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. 0.000 min
 Lab File: VU063516.D
 Acq: 16 Jul 2025 12:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Tgt Ion:105 Resp: 61265
 Ion Ratio Lower Upper
 105 100
 134 19.7 16.2 24.4

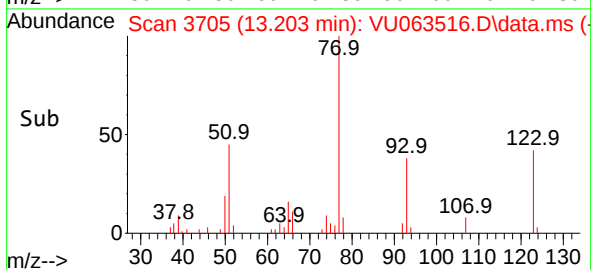
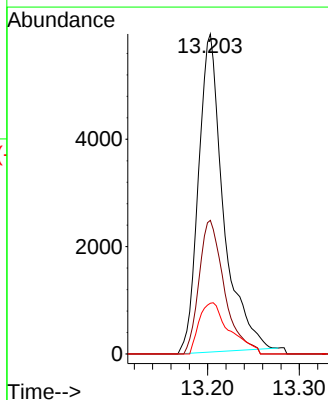
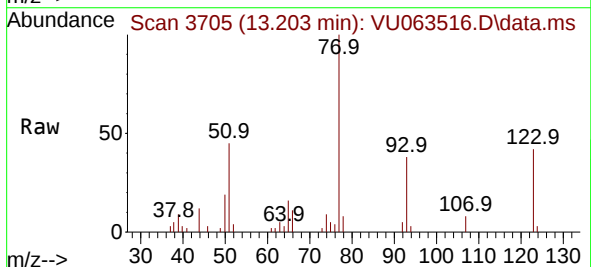
Manual Integrations
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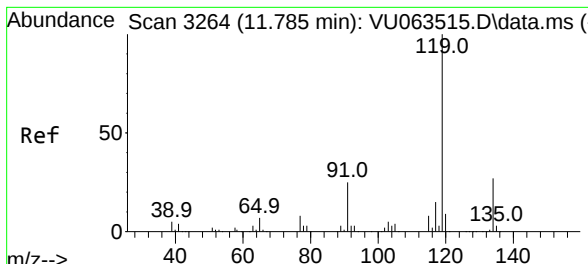
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#80
 Nitrobenzene
 Concen: 74.783 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.000 min
 Lab File: VU063516.D
 Acq: 16 Jul 2025 12:11

Tgt Ion: 77 Resp: 11188
 Ion Ratio Lower Upper
 77 100
 123 42.7 16.9 59.7
 65 19.5 16.5 20.9



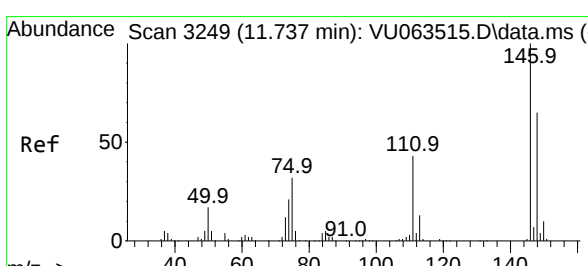
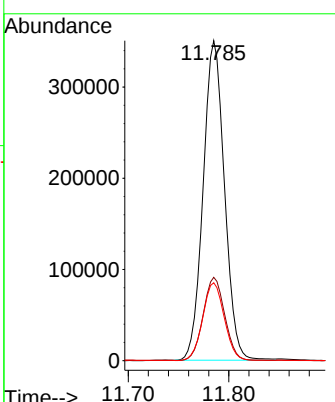
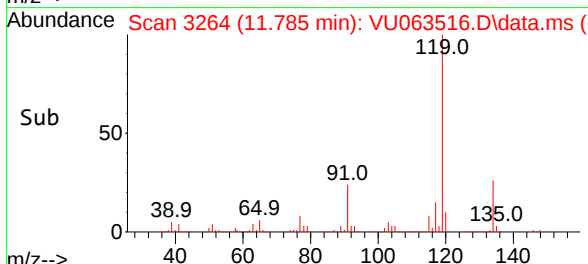
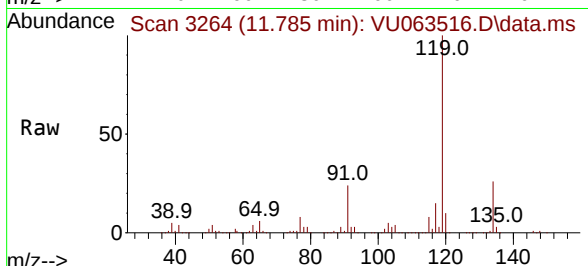


#81
 p-Isopropyltoluene
 Concen: 17.591 ug/l
 RT: 11.785 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU063516.D
 Acq: 16 Jul 2025 12:11

Instrument : MSVOA_U
 ClientSampleId : VSTDIC015

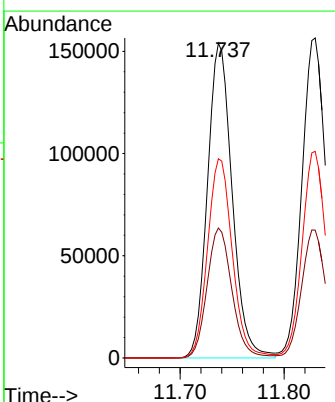
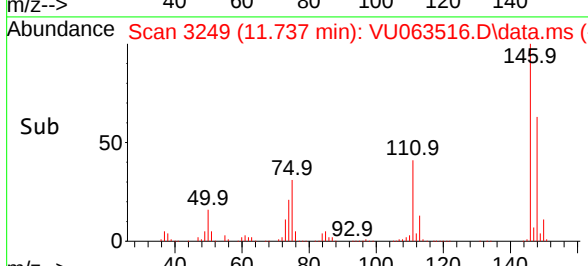
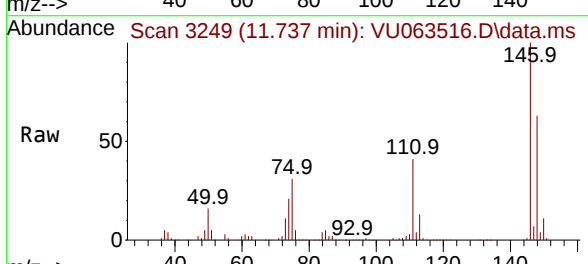
Tgt Ion:	119	Resp:	51660
Ion Ratio	Lower	Upper	
119	100		
134	26.2	21.1	31.7
91	24.5	19.8	29.8

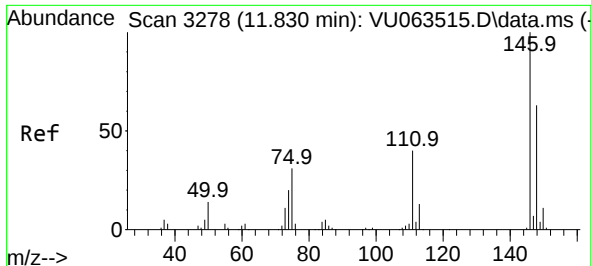
Manual Integrations
APPROVED
 Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#82
 1,3-Dichlorobenzene
 Concen: 17.221 ug/l
 RT: 11.737 min Scan# 3249
 Delta R.T. 0.000 min
 Lab File: VU063516.D
 Acq: 16 Jul 2025 12:11

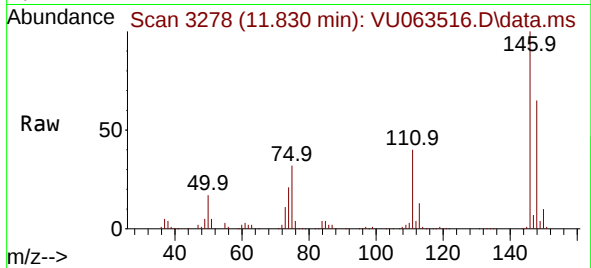
Tgt Ion:	146	Resp:	254102
Ion Ratio	Lower	Upper	
146	100		
111	41.5	33.8	50.6
148	63.8	51.5	77.3





#83
1,4-Dichlorobenzene
Concen: 17.978 ug/l
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

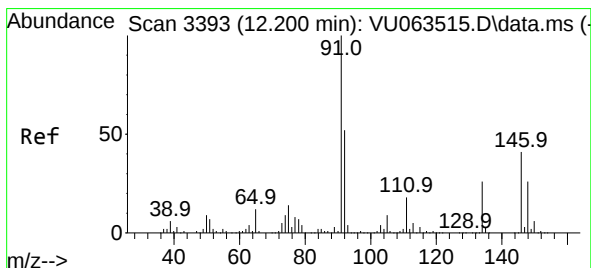
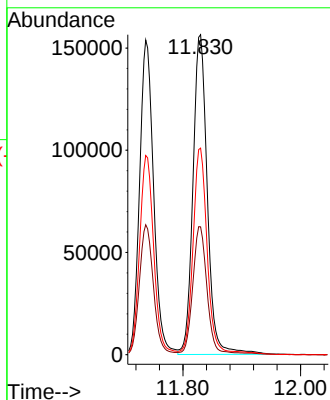
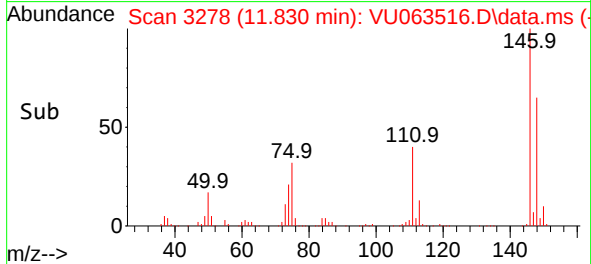
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



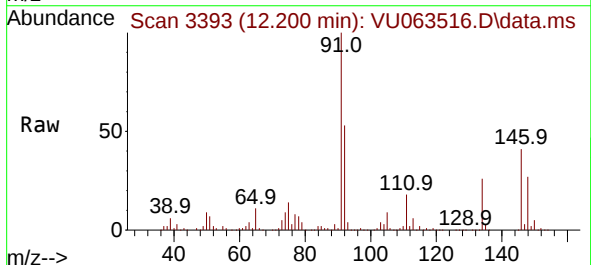
Tgt Ion:146 Resp: 26553
Ion Ratio Lower Upper
146 100
111 40.6 32.0 48.0
148 64.3 50.2 75.2

Manual Integrations
APPROVED

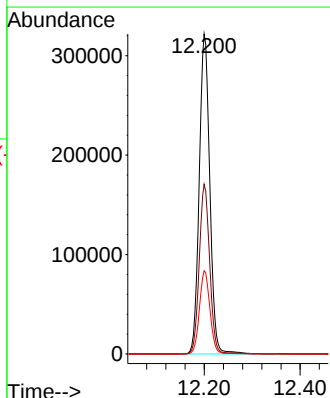
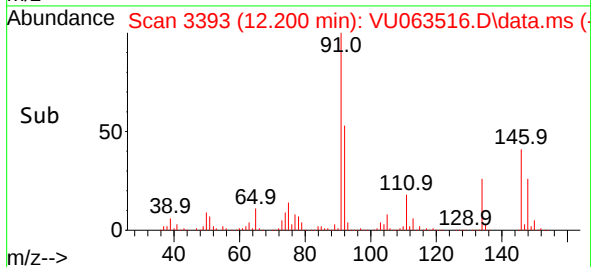
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

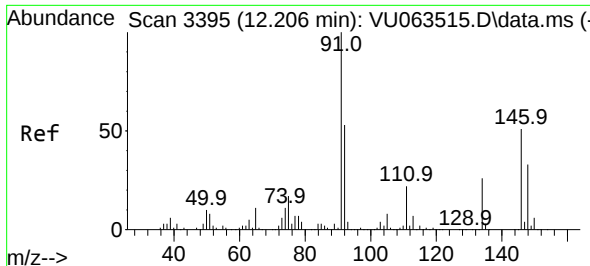


#84
n-Butylbenzene
Concen: 18.081 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11



Tgt Ion: 91 Resp: 492464
Ion Ratio Lower Upper
91 100
92 52.2 41.5 62.3
134 25.9 20.6 30.8





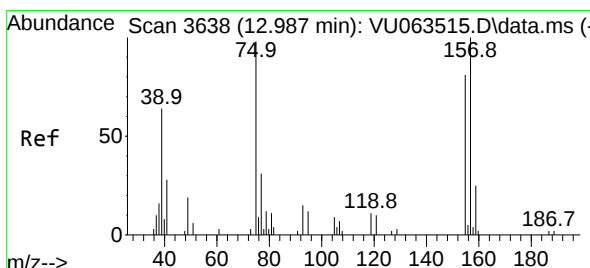
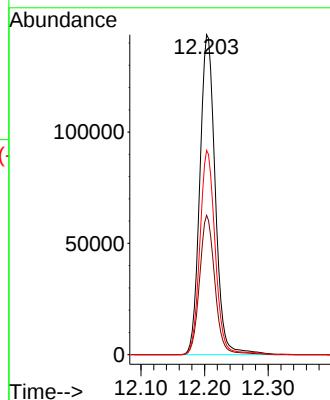
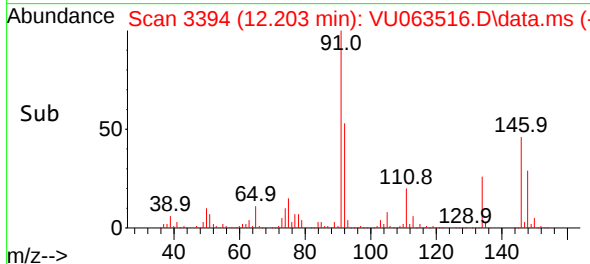
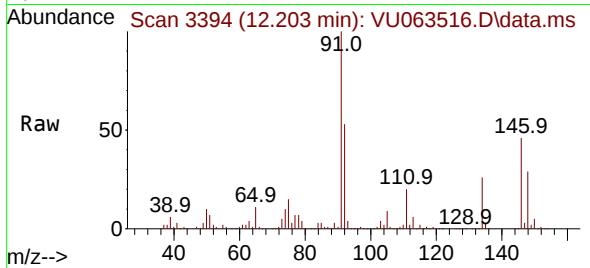
#85
1,2-Dichlorobenzene
Concen: 17.474 ug/l
RT: 12.203 min Scan# 3395
Delta R.T. -0.003 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion:146 Resp: 24221
Ion Ratio Lower Upper
146 100
111 43.2 21.7 65.1
148 63.0 31.8 95.3

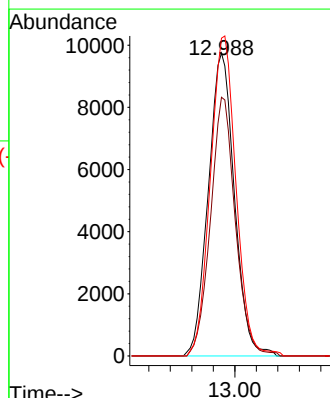
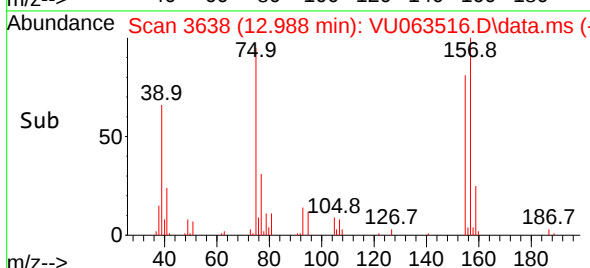
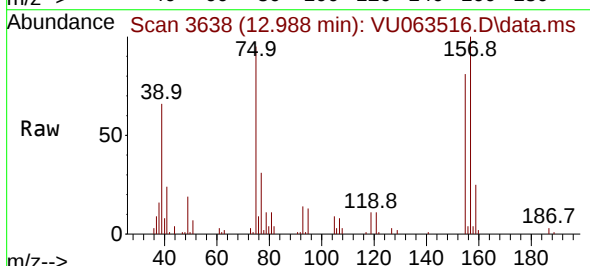
Manual Integrations
APPROVED

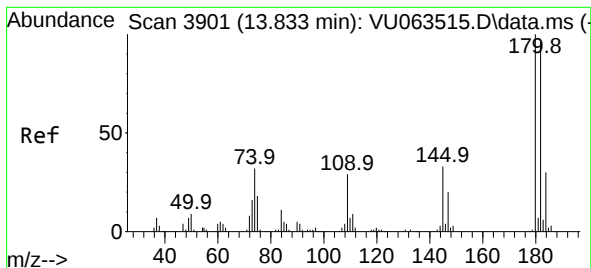
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 14.975 ug/l
RT: 12.988 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VU063516.D
Acq: 16 Jul 2025 12:11

Tgt Ion: 75 Resp: 16421
Ion Ratio Lower Upper
75 100
155 81.4 65.8 98.6
157 104.0 81.4 122.2





#87

1,2,4-Trichlorobenzene

Concen: 18.396 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU063516.D

Acq: 16 Jul 2025 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

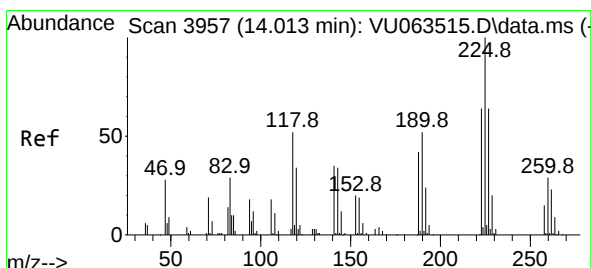
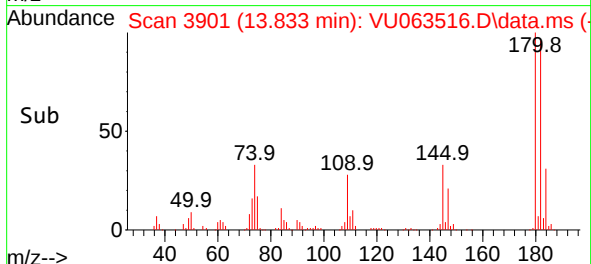
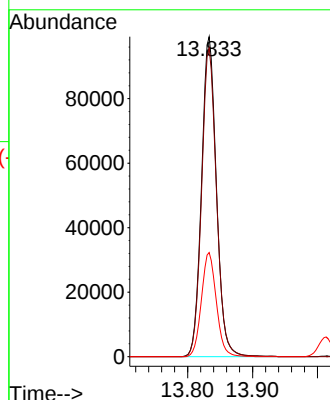
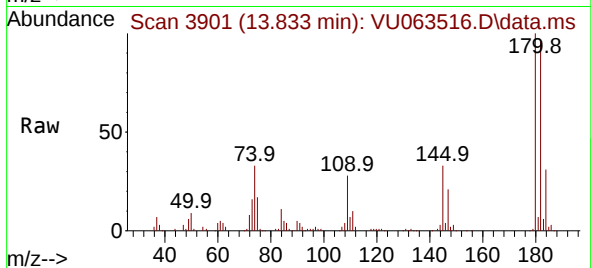
Tgt Ion:180 Resp: 158574

Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.2	114.4
145	32.5	26.2	39.2

Manual Integrations

APPROVED

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



#88

Hexachlorobutadiene

Concen: 17.630 ug/l

RT: 14.013 min Scan# 3957

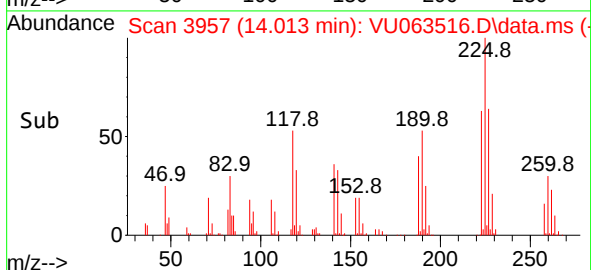
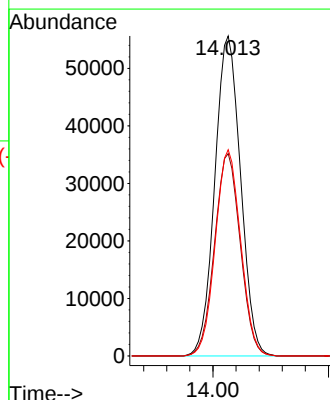
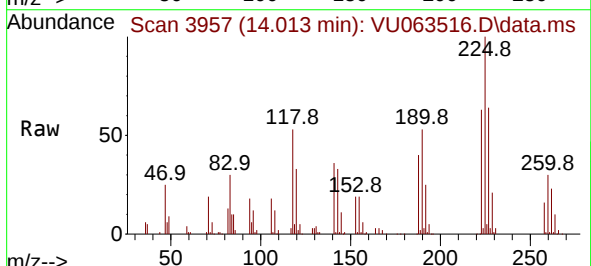
Delta R.T. 0.000 min

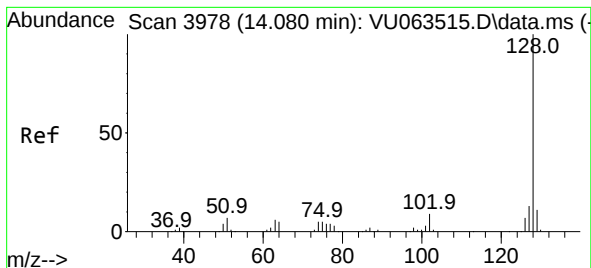
Lab File: VU063516.D

Acq: 16 Jul 2025 12:11

Tgt Ion:225 Resp: 86303

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.8	76.2
227	63.4	51.0	76.6





#89

Naphthalene

Concen: 18.966 ug/l

RT: 14.077 min Scan# 3978

Delta R.T. -0.003 min

Lab File: VU063516.D

Acq: 16 Jul 2025 12:11

Instrument :

MSVOA_U

ClientSampleId :

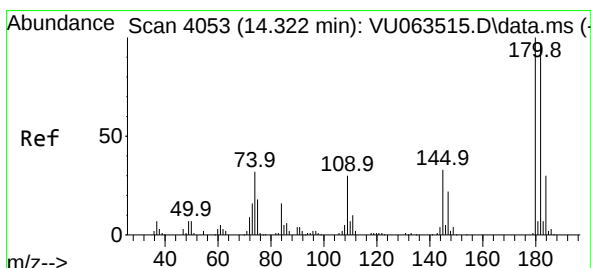
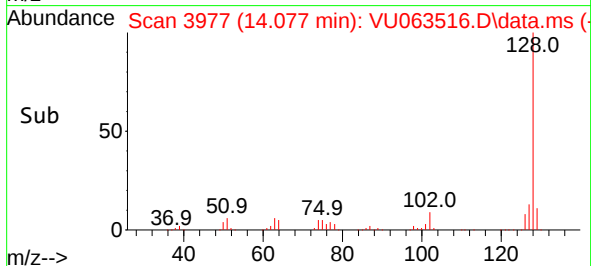
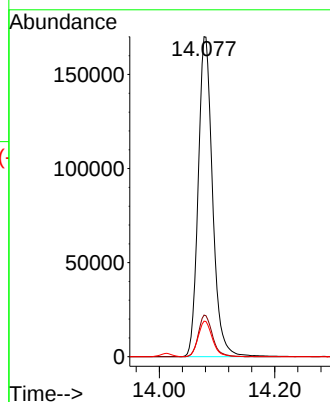
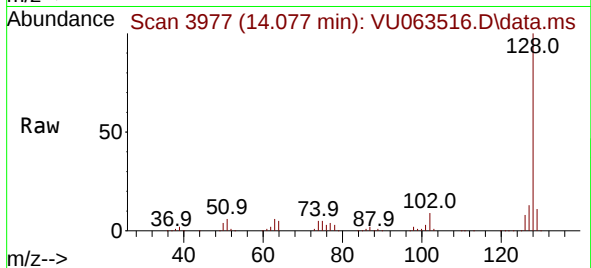
VSTDIC015

Tgt Ion:128	Resp: 29296
Ion Ratio	Lower Upper
128 100	
127 12.8	10.2 15.4
129 11.0	8.8 13.2

Manual Integrations

APPROVED

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



#90

1,2,3-Trichlorobenzene

Concen: 18.735 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU063516.D

Acq: 16 Jul 2025 12:11

Tgt Ion:180	Resp: 149249
Ion Ratio	Lower Upper
180 100	
182 96.1	78.0 117.0
145 33.6	27.3 40.9

