

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071625\
 Data File : VU063512.D
 Acq On : 16 Jul 2025 09:54
 Operator : MD/SY
 Sample : VSTDICC001
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 03:22:19 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	6.097	96	22455	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	9200	1.082	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	8165	1.038	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	6462	0.976	ug/l	96
3) Chloromethane	1.518	50	6530	1.061	ug/l	98
4) Vinyl Chloride	1.599	62	7920	1.010	ug/l	100
5) Bromomethane	1.846	94	6488	1.098	ug/l	95
6) Chloroethane	1.927	64	4751	1.004	ug/l	98
7) Trichlorofluoromethane	2.129	101	11403	1.013	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	5996	1.019	ug/l	99
9) 1,1-Dichloroethene	2.567	96	5877	1.008	ug/l	95
10) Iodomethane	2.708	142	5353	1.474	ug/l	98
11) Allyl Chloride	2.911	41	8367	0.993	ug/l	94
12) Acrylonitrile	3.306	53	3107	2.130	ug/l	95
13) Acetone	2.618	43	5459	4.673	ug/l	99
14) Carbon Disulfide	2.779	76	19044	1.011	ug/l	98
15) Methylene Chloride	3.030	84	7367	1.073	ug/l	91
16) trans-1,2-Dichloroethene	3.335	96	6995	1.056	ug/l	86
17) 1,1-Dichloroethane	3.849	63	12773	1.041	ug/l	99
18) 2-Butanone	4.714	43	9101	5.031	ug/l	99
19) Cyclohexane	5.354	56	11111	1.069	ug/l	99
20) Methylcyclohexane	6.743	83	9890	0.979	ug/l	98
21) 2,2-Dichloropropane	4.644	77	10936	1.047	ug/l	97
22) cis-1,2-Dichloroethene	4.644	96	7782	1.083	ug/l	96
23) Diethyl Ether	2.370	59	4538	1.022	ug/l	# 89
24) tert-Butyl Alcohol	3.190	59	5615	10.471	ug/l	95
25) Methyl tert-Butyl Ether	3.361	73	15721	1.033	ug/l	96
26) Bromochloromethane	4.959	128	2951	0.984	ug/l	95
27) Chloroform	5.071	83	13121	1.048	ug/l	96
28) 1,1,1-Trichloroethane	5.293	97	10709	1.008	ug/l	98
29) 1,1-Dichloropropene	5.502	75	10221	1.038	ug/l	99
30) Carbon Tetrachloride	5.496	117	8599	1.005	ug/l	99
31) Isopropyl Ether	3.994	45	19202	1.037	ug/l	98
32) Ethyl-t-butyl ether	4.502	59	17970	1.048	ug/l	97
33) Tert-Amyl methyl ether	5.943	73	13496	0.907	ug/l	98
34) Propionitrile	4.779	54	2874	5.214	ug/l	# 97
35) Benzene	5.756	78	22692	0.858	ug/l	99
36) 1,2-Dichloroethane	5.782	62	7451	0.906	ug/l	# 85
37) Trichloroethene	6.528	130	6347	0.940	ug/l	99
38) 1,2-Dichloropropane	6.782	63	5862	0.947	ug/l	98
39) Methacrylonitrile	4.972	41	2368	0.979	ug/l	89
40) Methyl acrylate	4.843	55	3610	1.008	ug/l	# 85
41) Tetrahydrofuran	5.065	42	2432	1.887	ug/l	93
42) 1-Chlorobutane	5.435	56	12913	0.987	ug/l	99
43) Dibromomethane	6.910	93	3011	0.939	ug/l	94
44) Bromodichloromethane	7.097	83	6824	0.943	ug/l	95

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 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

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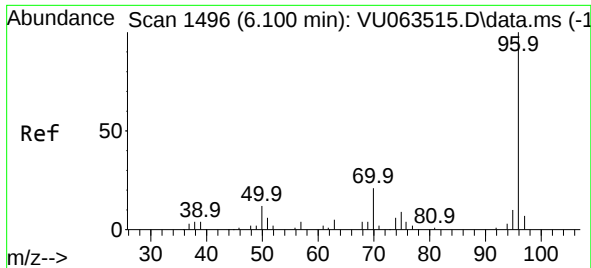
Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 03:22:19 2025
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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	7.798	43	16478	4.985	ug/l	96
46) t-1,4-Dichloro-2-butene	10.823	75	2681m	2.286	ug/l	
47) Methyl methacrylate	6.968	69	4791	1.779	ug/l	97
48) Ethyl methacrylate	8.338	69	4500	0.875	ug/l	84
49) Toluene	7.962	92	14592	1.010	ug/l	100
50) t-1,3-Dichloropropene	8.209	75	5194	0.915	ug/l	97
51) cis-1,3-Dichloropropene	7.602	75	6989	0.918	ug/l	99
52) 1,1,2-Trichloroethane	8.396	97	4414	1.022	ug/l	94
53) 1,3-Dichloropropane	8.569	76	7339	0.985	ug/l	100
54) 2-Hexanone	8.695	43	10847	4.940	ug/l	93
55) Dibromochloromethane	8.804	129	4122	0.903	ug/l	97
56) 1,2-Dibromoethane	8.920	107	3787	0.980	ug/l	99
58) Tetrachloroethene	8.541	164	6276	1.016	ug/l	97
59) Chlorobenzene	9.441	112	16495	0.994	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.524	131	5306	0.995	ug/l	98
61) Pentachloroethane	11.418	117	3370	0.894	ug/l	98
62) Hexachloroethane	12.466	117	3268	0.875	ug/l	97
63) Ethyl Benzene	9.563	91	28308	0.992	ug/l	98
64) m/p-Xylenes	9.688	106	21130	1.904	ug/l	97
65) o-Xylene	10.094	106	10385	0.974	ug/l	97
66) Styrene	10.110	104	16060	0.945	ug/l	98
67) Bromoform	10.286	173	1899	0.810	ug/l #	94
69) Isopropylbenzene	10.476	105	25098	0.974	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	5141	0.978	ug/l #	98
71) 1,2,3-Trichloropropane	10.817	75	4435m	1.034	ug/l	
72) Bromobenzene	10.778	156	6362	0.956	ug/l	96
73) n-propylbenzene	10.901	120	7341	0.946	ug/l	96
74) 2-Chlorotoluene	10.978	126	6695	0.976	ug/l	95
75) 1,3,5-Trimethylbenzene	11.081	105	23269	0.945	ug/l	99
76) 4-Chlorotoluene	11.094	126	6734	0.967	ug/l	99
77) tert-Butylbenzene	11.412	119	22171	0.942	ug/l	95
78) 1,2,4-Trimethylbenzene	11.463	105	23102	0.946	ug/l	100
79) sec-Butylbenzene	11.637	105	30908	0.974	ug/l	98
80) Nitrobenzene	13.232	77	400m	5.705	ug/l	
81) p-Isopropyltoluene	11.785	119	24799	0.936	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	12830	0.964	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	12848	0.964	ug/l	97
84) n-Butylbenzene	12.203	91	22541	0.917	ug/l	98
85) 1,2-Dichlorobenzene	12.206	146	12071	0.965	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.991	75	603	0.991	ug/l	92
87) 1,2,4-Trichlorobenzene	13.839	180	7020	0.903	ug/l	98
88) Hexachlorobutadiene	14.013	225	4144	0.938	ug/l	98
89) Naphthalene	14.087	128	11965	0.859	ug/l	97
90) 1,2,3-Trichlorobenzene	14.325	180	6612	0.920	ug/l	99

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



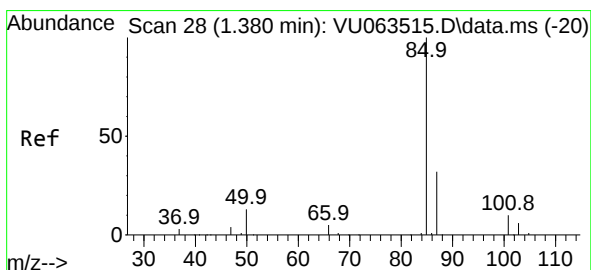
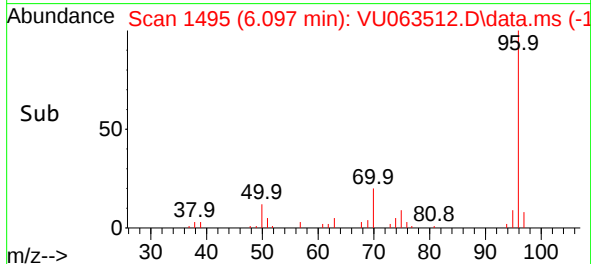
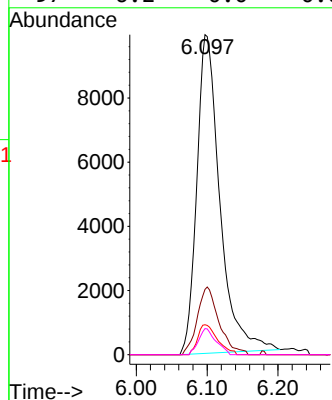
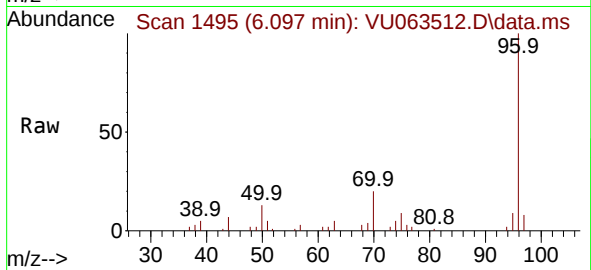
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 1496
Delta R.T. -0.003 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 96	Resp: 2245
Ion Ratio	Lower Upper
96 100	
70 20.0	15.0 22.4
95 8.0	7.4 11.0
97 6.2	0.0 0.0

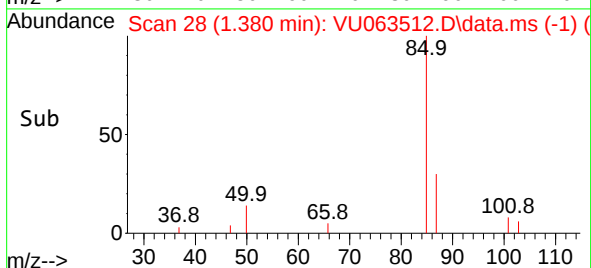
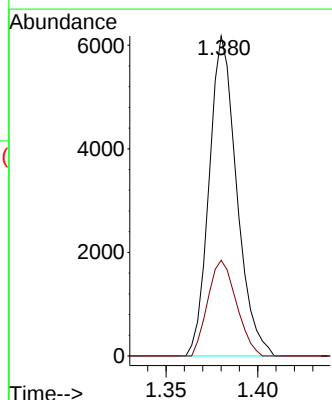
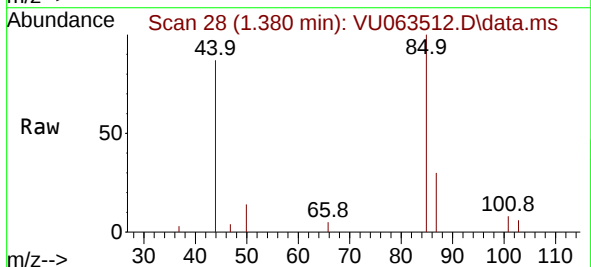
Manual Integrations
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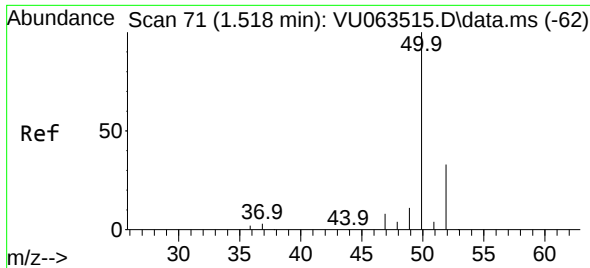
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#2
Dichlorodifluoromethane
Concen: 0.976 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Tgt Ion: 85	Resp: 6462
Ion Ratio	Lower Upper
85 100	
87 29.9	16.0 47.9





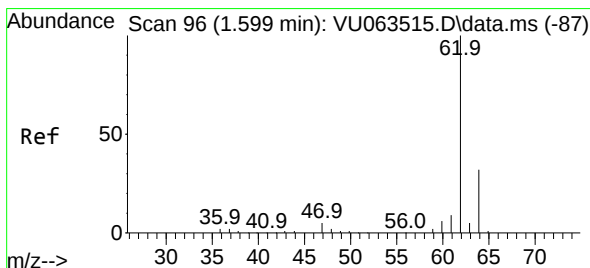
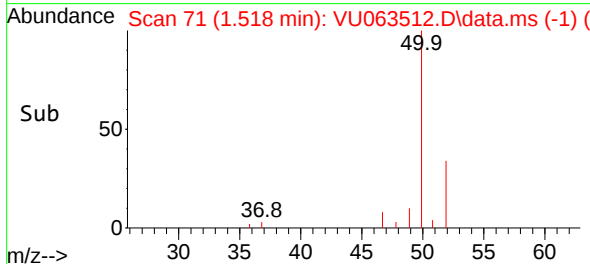
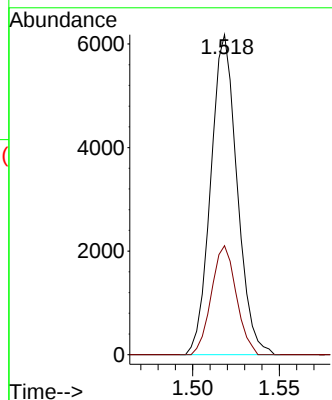
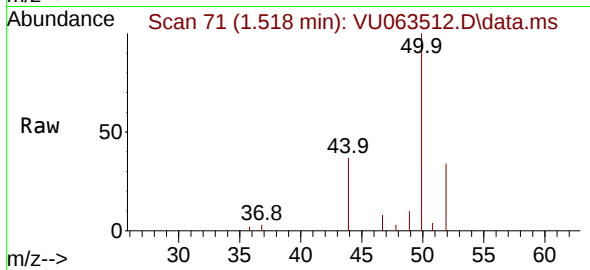
#3
Chloromethane
Concen: 1.061 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 6530
Ion Ratio Lower Upper
50 100
52 34.1 26.3 39.5

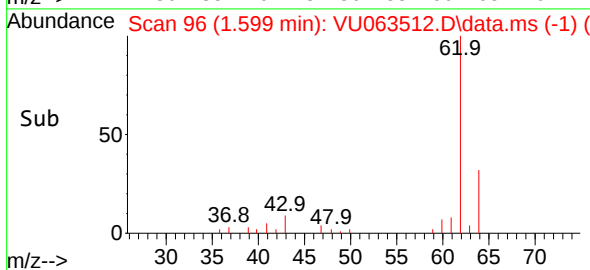
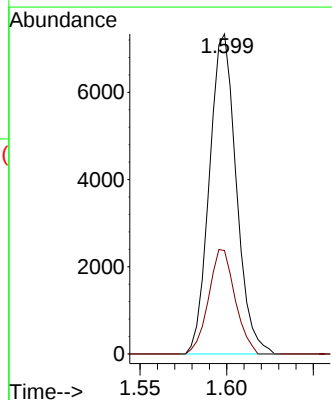
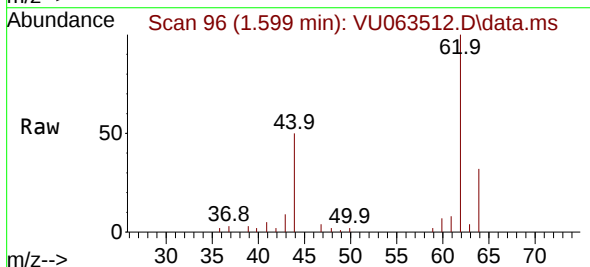
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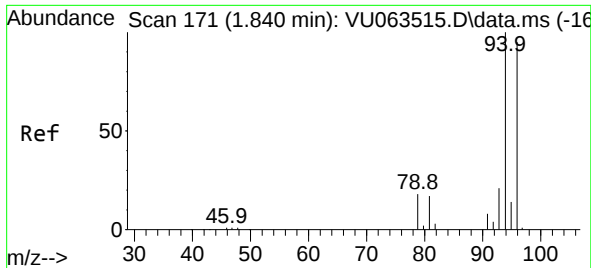
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#4
Vinyl Chloride
Concen: 1.010 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

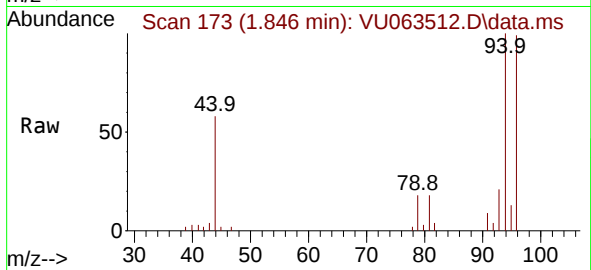
Tgt Ion: 62 Resp: 7920
Ion Ratio Lower Upper
62 100
64 32.3 25.7 38.5





#5
Bromomethane
Concen: 1.098 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

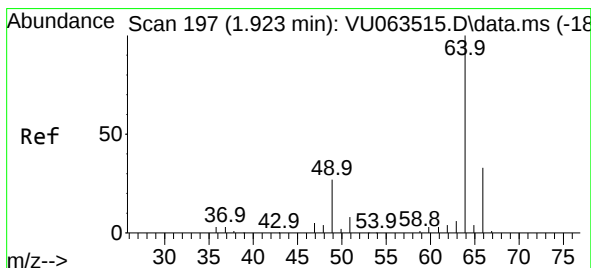
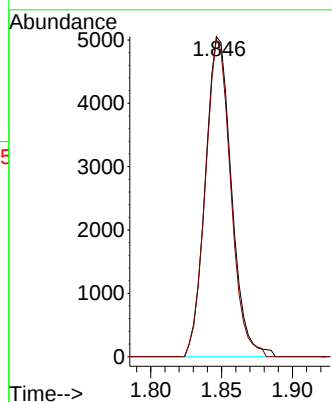
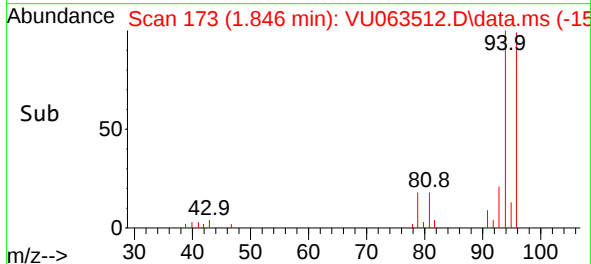
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 94 Resp: 6488
Ion Ratio Lower Upper
94 100
96 99.2 75.8 113.6

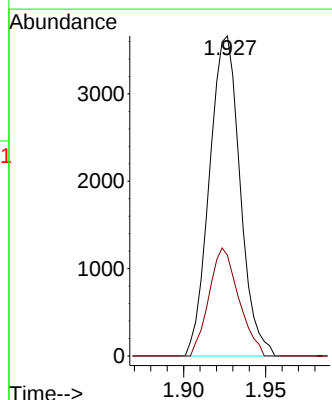
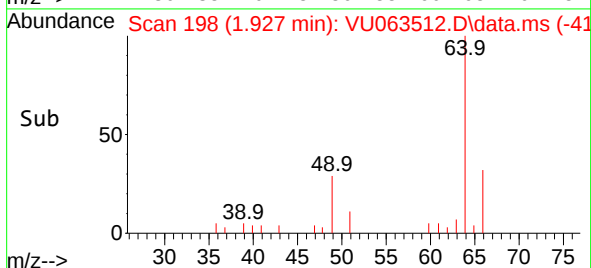
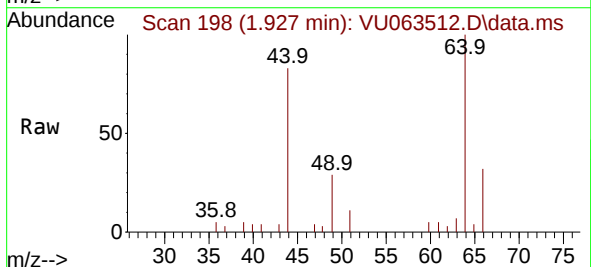
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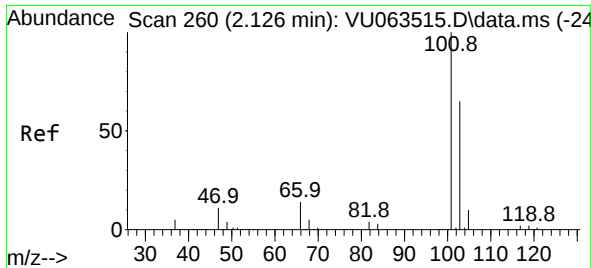
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#6
Chloroethane
Concen: 1.004 ug/l
RT: 1.927 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Tgt Ion: 64 Resp: 4751
Ion Ratio Lower Upper
64 100
66 31.5 26.2 39.4





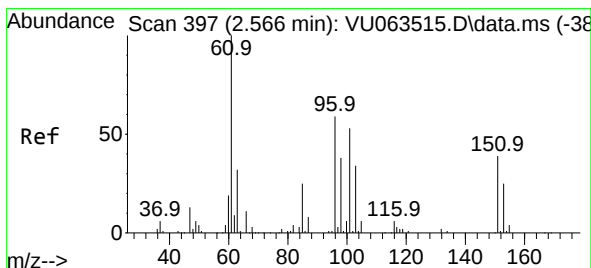
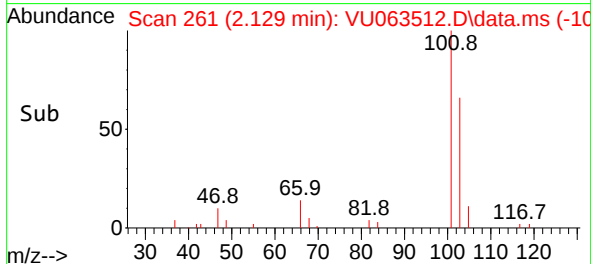
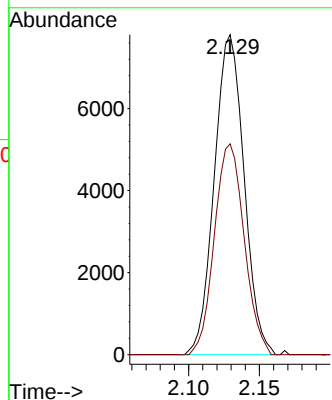
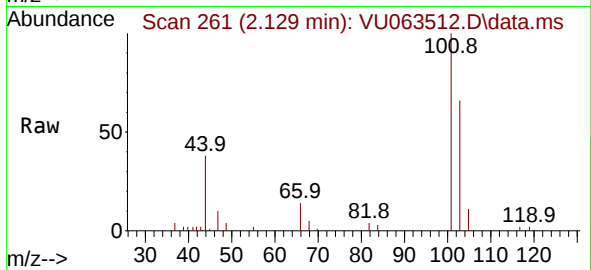
#7
 Trichlorofluoromethane
 Concen: 1.013 ug/l
 RT: 2.129 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU063512.D
 Acq: 16 Jul 2025 09:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion:101 Resp: 1140
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.2 78.4

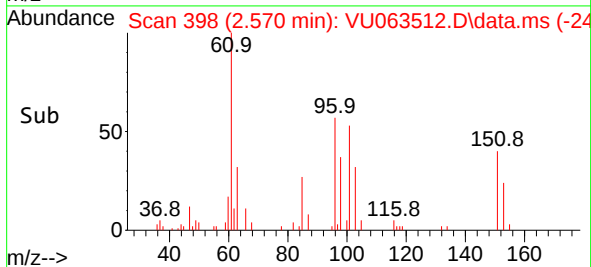
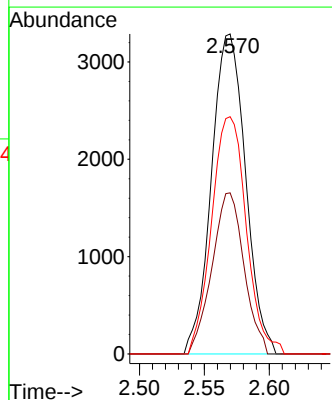
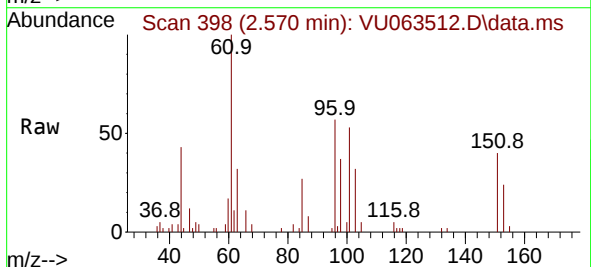
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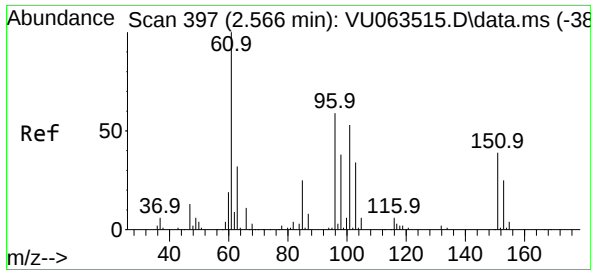
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.019 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. 0.003 min
 Lab File: VU063512.D
 Acq: 16 Jul 2025 09:54

Tgt Ion:101 Resp: 5996
 Ion Ratio Lower Upper
 101 100
 85 47.3 37.8 56.6
 151 75.6 59.2 88.8





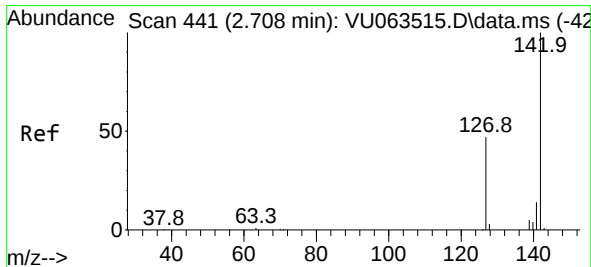
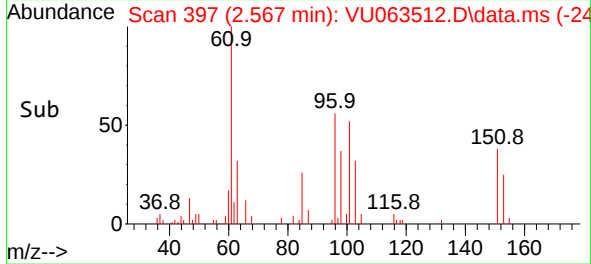
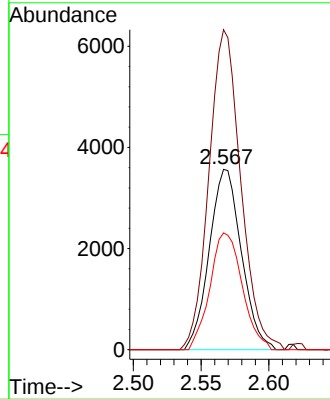
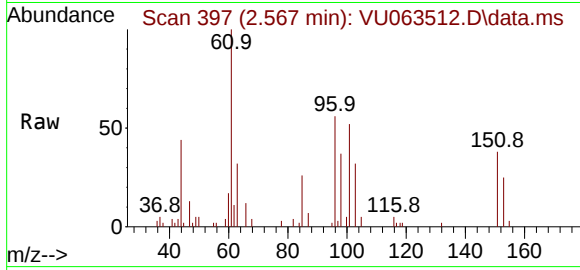
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1,1-Dichloroethene
Concen: 1.008 ug/l
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 587
Ion Ratio Lower Upper
96 100
61 177.4 0.0 504.3
98 64.8 0.0 126.8

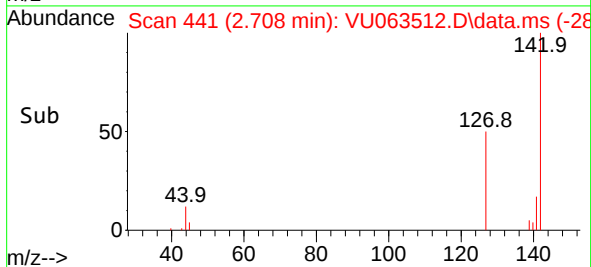
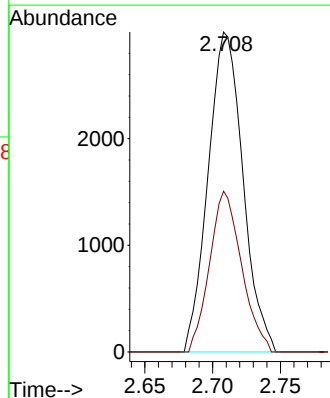
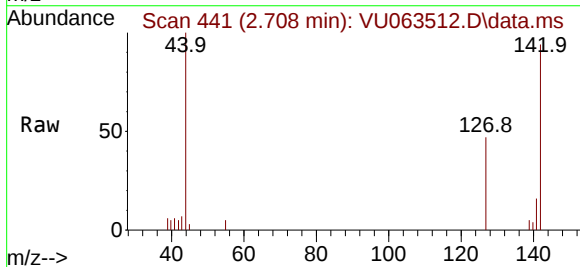
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APPROVED

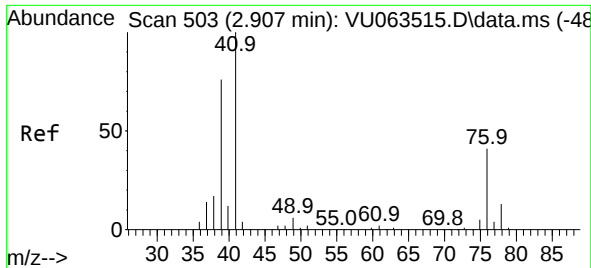
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#10
Iodomethane
Concen: 1.474 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Tgt Ion:142 Resp: 5353
Ion Ratio Lower Upper
142 100
127 46.2 37.9 56.9





#11
 Allyl Chloride
 Concen: 0.993 ug/l
 RT: 2.911 min Scan# 504
 Delta R.T. 0.003 min
 Lab File: VU063512.D
 Acq: 16 Jul 2025 09:54

Instrument :

MSVOA_U

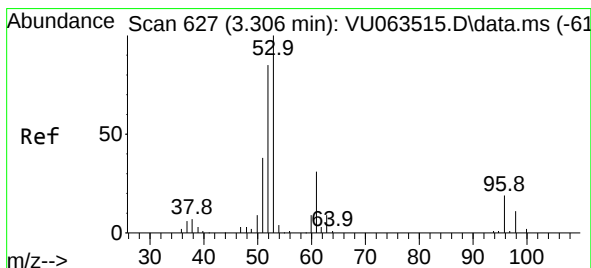
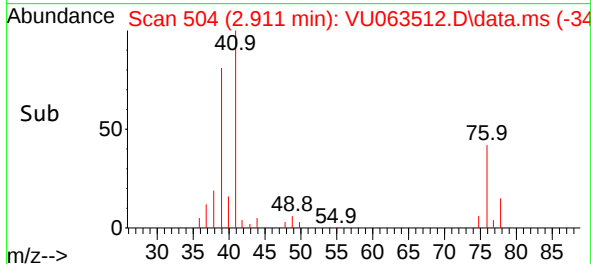
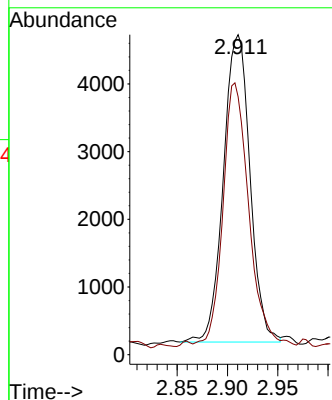
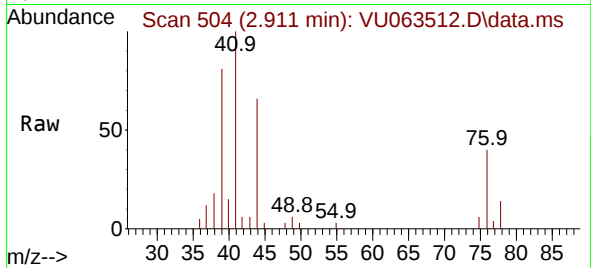
ClientSampleId :

VSTDICC001

Tgt Ion: 41 Resp: 836
 Ion Ratio Lower Upper
 41 100
 39 82.2 61.5 92.3

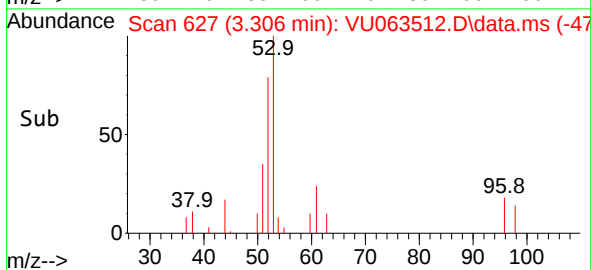
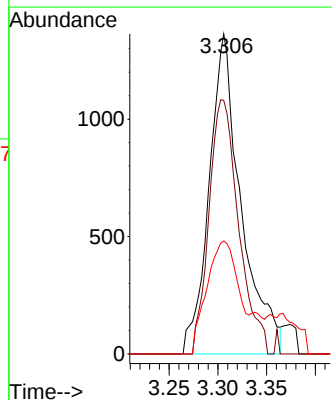
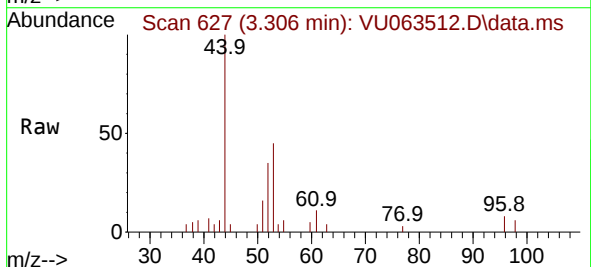
Manual Integrations
 APPROVED

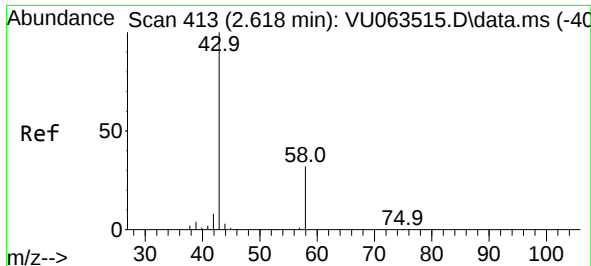
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#12
 Acrylonitrile
 Concen: 2.130 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.000 min
 Lab File: VU063512.D
 Acq: 16 Jul 2025 09:54

Tgt Ion: 53 Resp: 3107
 Ion Ratio Lower Upper
 53 100
 52 73.7 64.3 96.5
 51 35.1 27.8 41.8





#13

Acetone

Concen: 4.673 ug/l

RT: 2.618 min Scan# 413

Delta R.T. 0.000 min

Lab File: VU063512.D

Acq: 16 Jul 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 43 Resp: 545

Ion Ratio Lower Upper

43 100

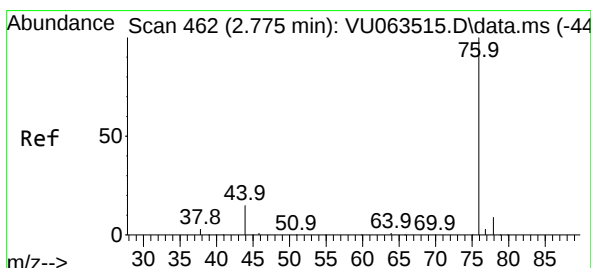
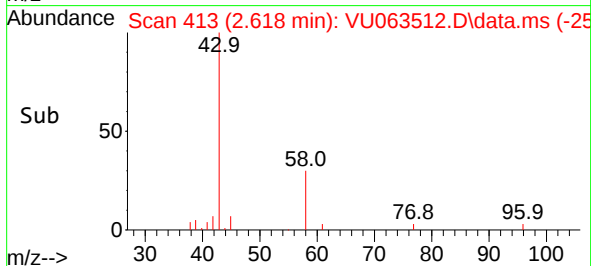
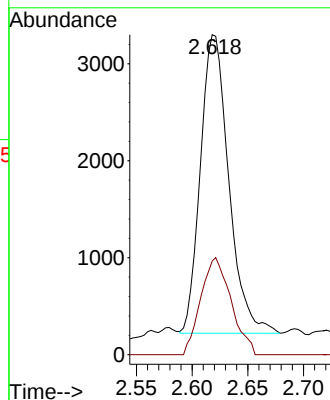
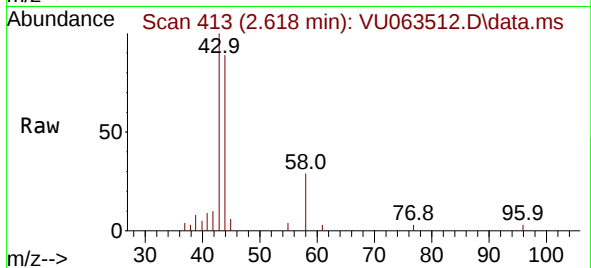
58 31.3 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#14

Carbon Disulfide

Concen: 1.011 ug/l

RT: 2.779 min Scan# 463

Delta R.T. 0.003 min

Lab File: VU063512.D

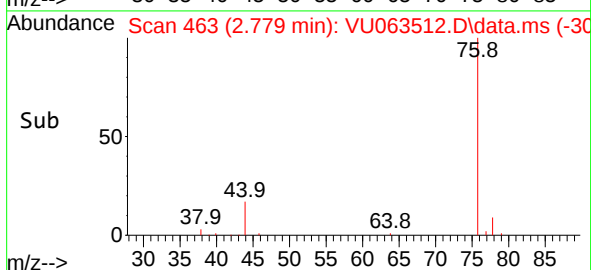
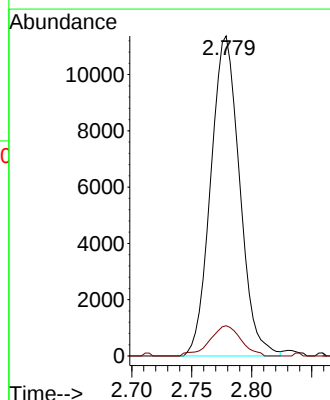
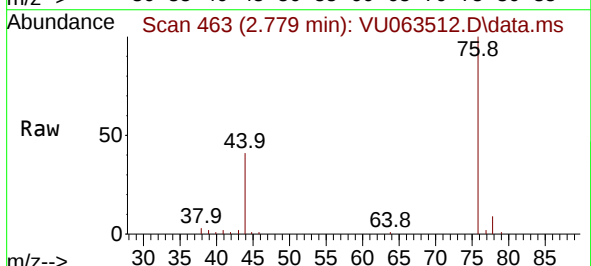
Acq: 16 Jul 2025 09:54

Tgt Ion: 76 Resp: 19044

Ion Ratio Lower Upper

76 100

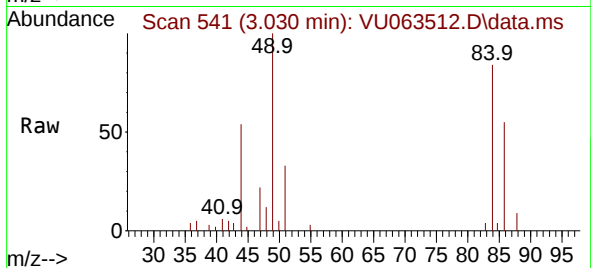
78 9.4 7.0 10.6





#15
Methylene Chloride
Concen: 1.073 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

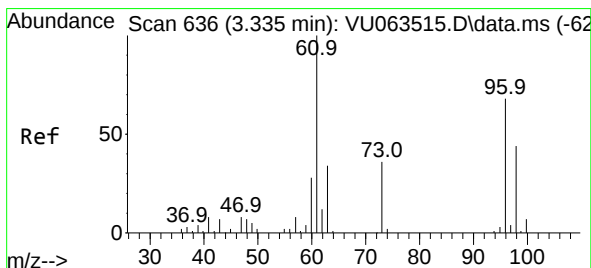
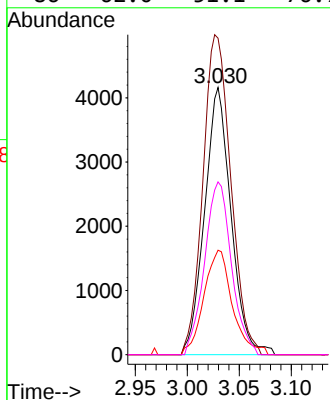
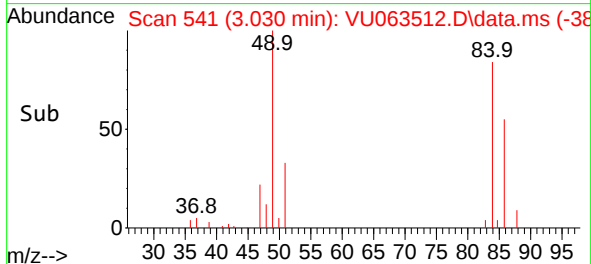
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 84 Resp: 736
Ion Ratio Lower Upper
84 100
49 113.7 103.8 155.8
51 37.5 0.0 80.4
86 62.0 51.1 76.7

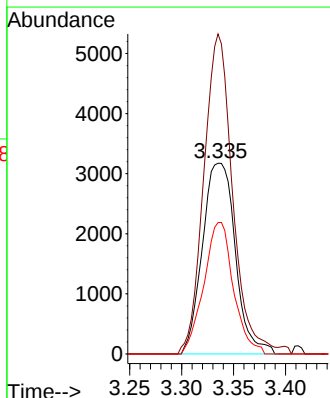
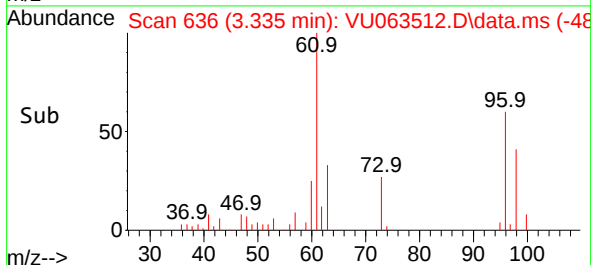
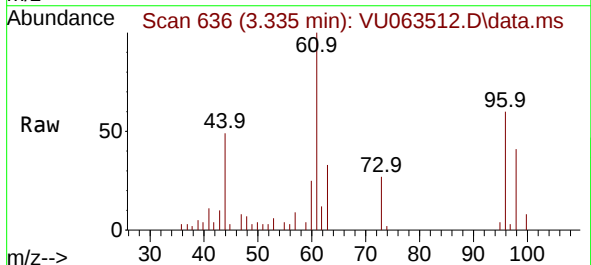
Manual Integrations
APPROVED

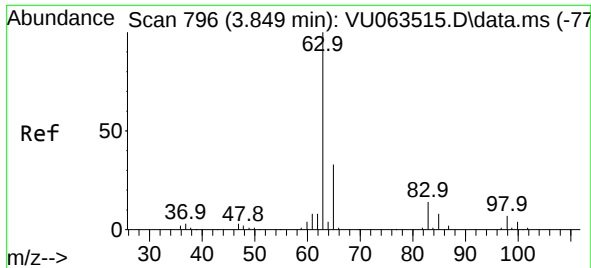
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#16
trans-1,2-Dichloroethene
Concen: 1.056 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Tgt Ion: 96 Resp: 6995
Ion Ratio Lower Upper
96 100
61 167.9 117.2 175.8
98 68.9 51.4 77.2





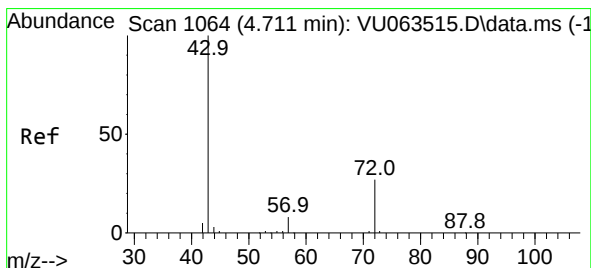
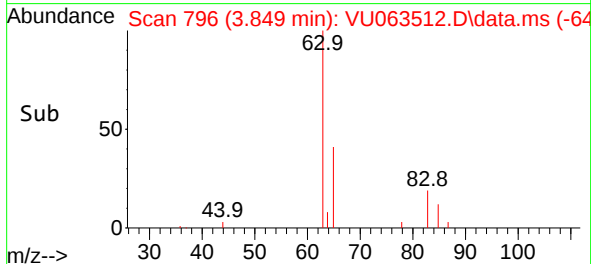
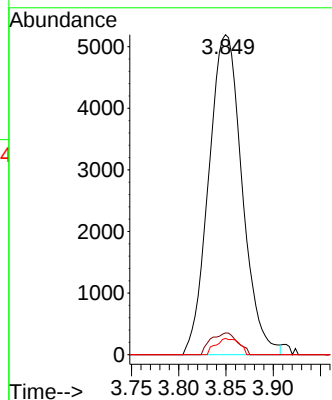
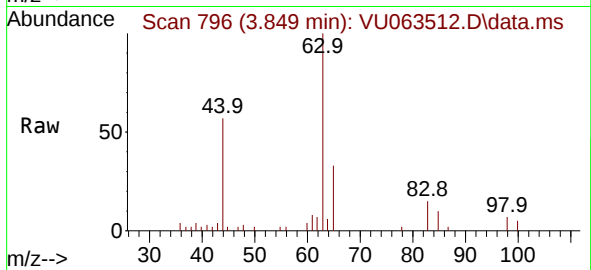
#17
1,1-Dichloroethane
Concen: 1.041 ug/l
RT: 3.849 min Scan# 796
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 1277
Ion Ratio Lower Upper
63 100
98 6.8 3.4 10.2
100 5.1 2.1 6.2

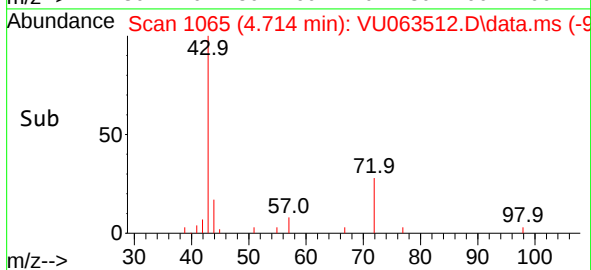
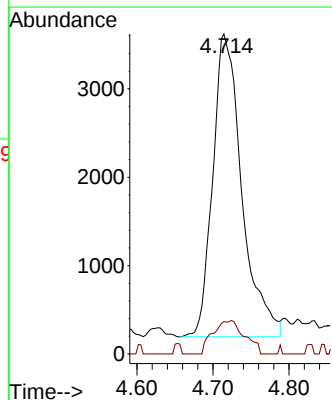
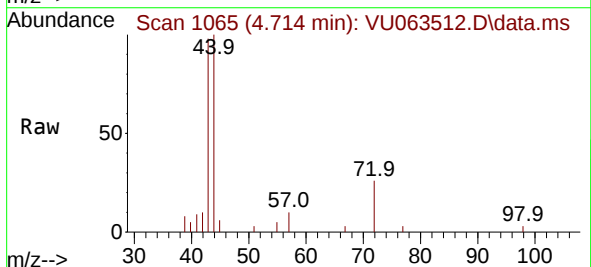
Manual Integrations
APPROVED

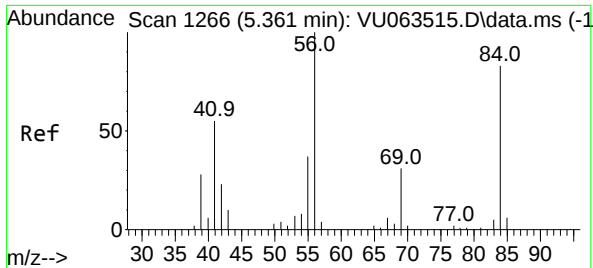
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#18
2-Butanone
Concen: 5.031 ug/l
RT: 4.714 min Scan# 1065
Delta R.T. 0.003 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

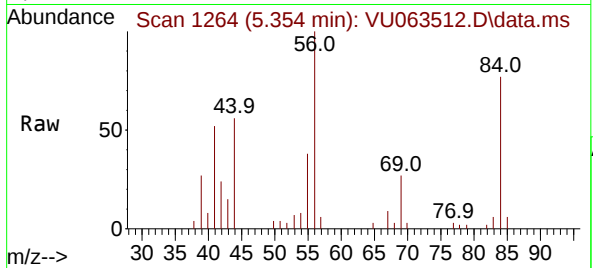
Tgt Ion: 43 Resp: 9101
Ion Ratio Lower Upper
43 100
57 7.7 0.0 16.4





#19
Cyclohexane
Concen: 1.069 ug/l
RT: 5.354 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

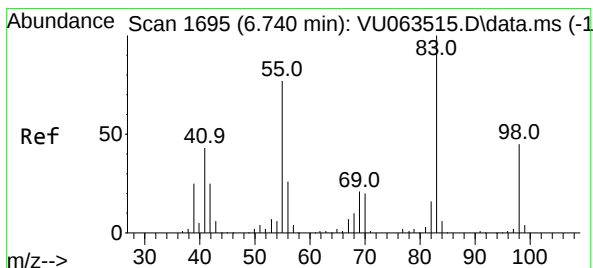
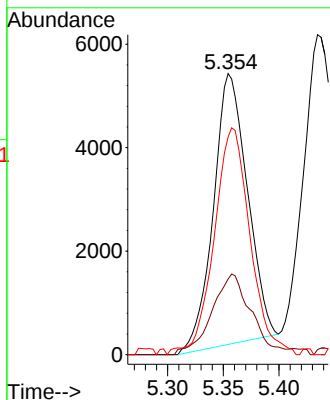
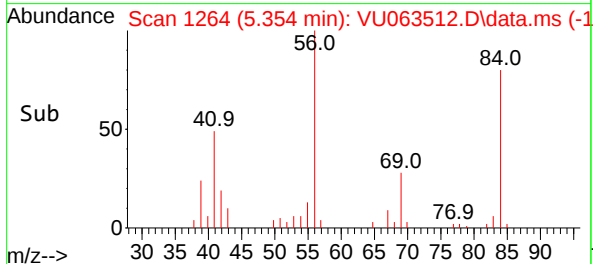
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



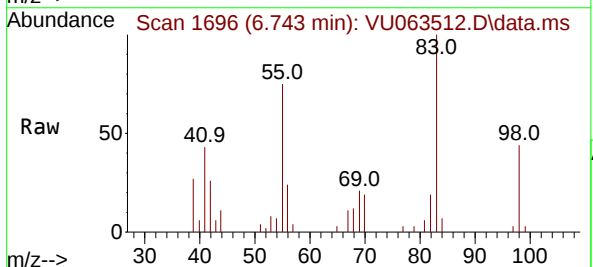
Tgt Ion: 56 Resp: 1111
Ion Ratio Lower Upper
56 100
69 31.3 26.6 39.8
84 88.5 71.0 106.4

Manual Integrations
APPROVED

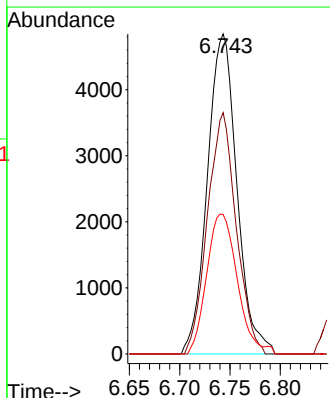
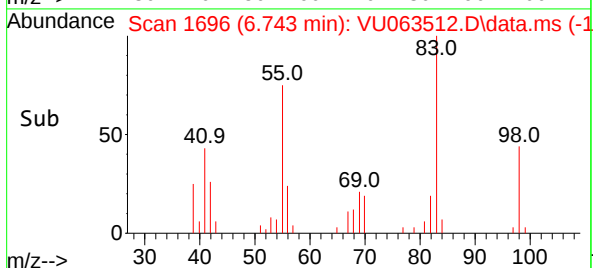
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

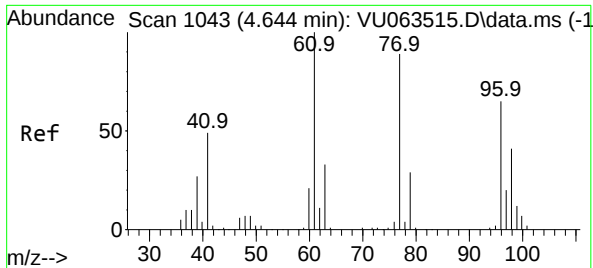


#20
Methylcyclohexane
Concen: 0.979 ug/l
RT: 6.743 min Scan# 1696
Delta R.T. 0.003 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54



Tgt Ion: 83 Resp: 9890
Ion Ratio Lower Upper
83 100
55 73.5 60.6 90.8
98 45.4 35.8 53.8





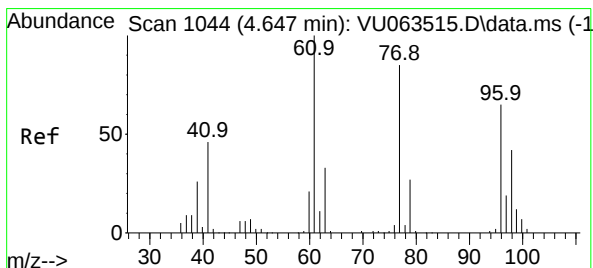
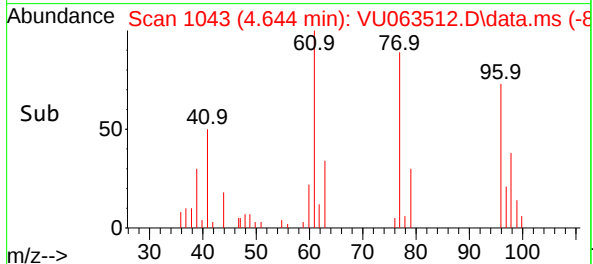
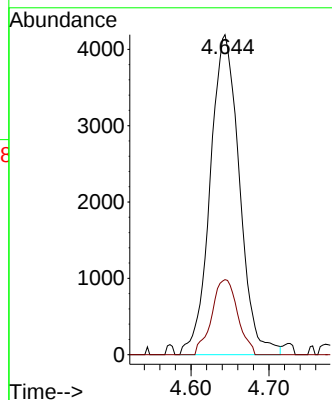
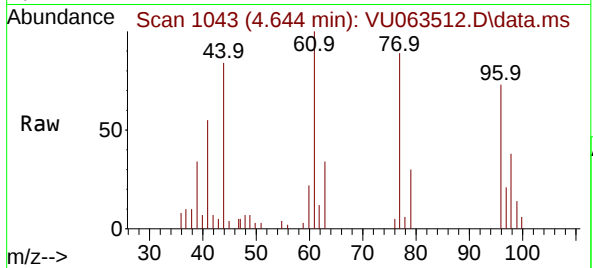
#21
2,2-Dichloropropane
Concen: 1.047 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 77 Resp: 10930
Ion Ratio Lower Upper
77 100
97 20.7 17.8 26.8

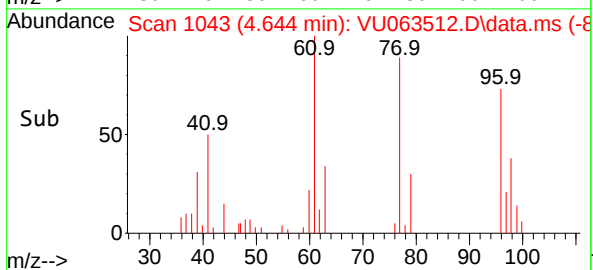
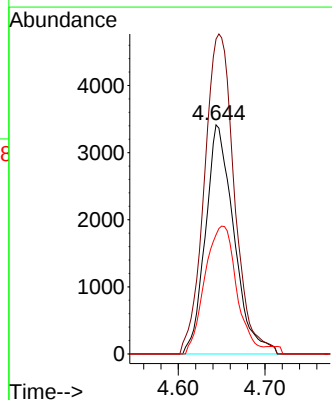
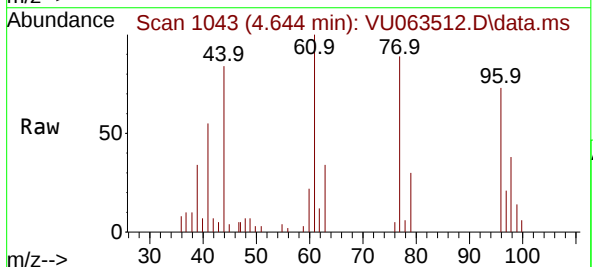
Manual Integrations
APPROVED

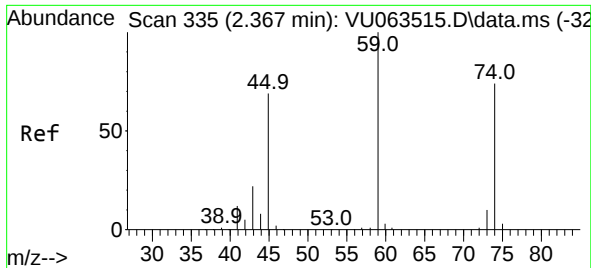
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#22
cis-1,2-Dichloroethene
Concen: 1.083 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. -0.003 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Tgt Ion: 96 Resp: 7782
Ion Ratio Lower Upper
96 100
61 147.2 0.0 384.7
98 62.3 32.1 96.3





#23

Diethyl Ether

Concen: 1.022 ug/l

RT: 2.370 min Scan# 335

Delta R.T. 0.003 min

Lab File: VU063512.D

Acq: 16 Jul 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

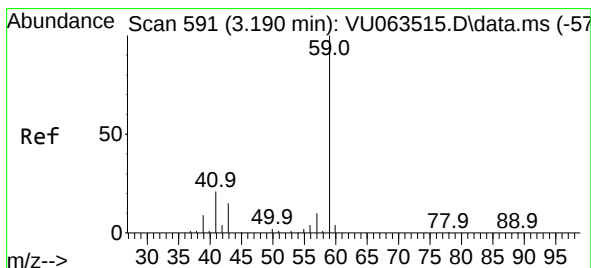
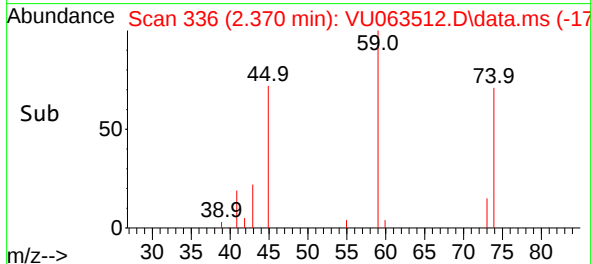
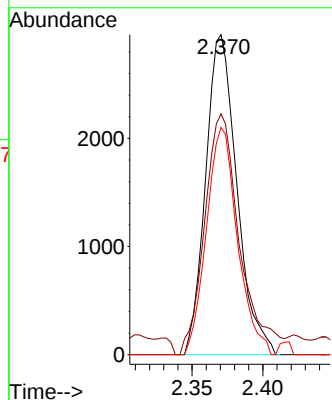
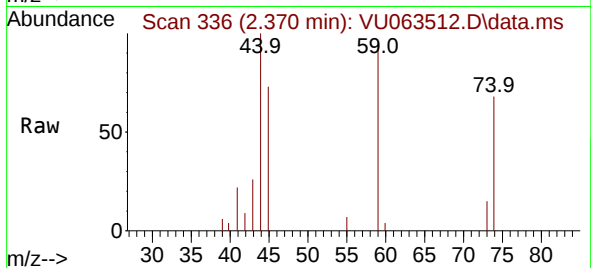
VSTDIC001

Tgt Ion: 59	Resp: 4538
Ion Ratio	Lower Upper
59	100
45	84.9 55.1 82.7
74	70.6 58.2 87.4

Manual Integrations

APPROVED

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



#24

tert-Butyl Alcohol

Concen: 10.471 ug/l

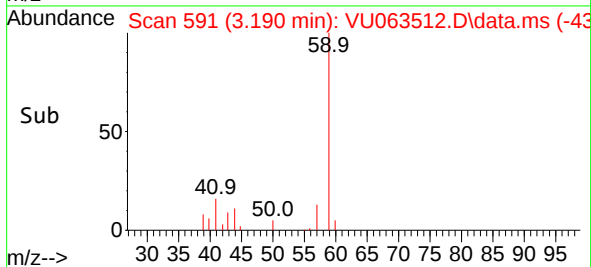
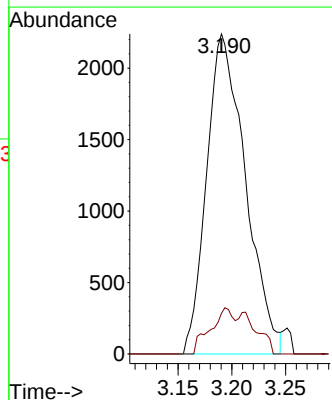
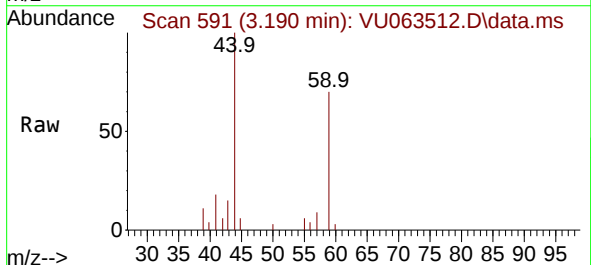
RT: 3.190 min Scan# 591

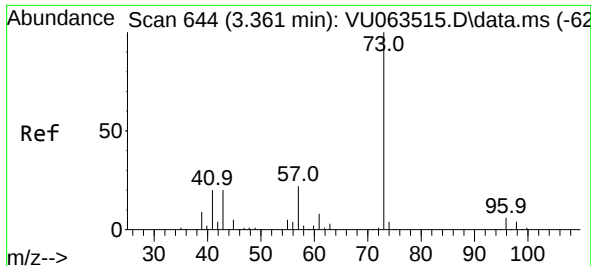
Delta R.T. 0.000 min

Lab File: VU063512.D

Acq: 16 Jul 2025 09:54

Tgt Ion: 59	Resp: 5615
Ion Ratio	Lower Upper
59	100
57	8.7 8.6 12.8





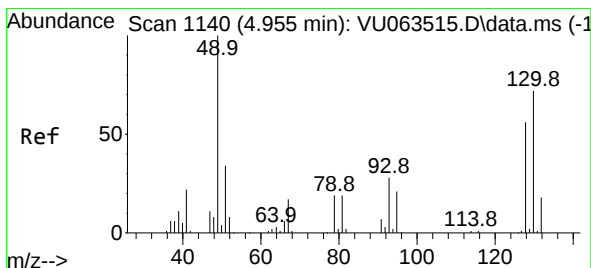
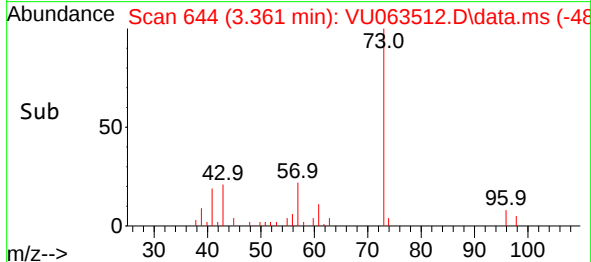
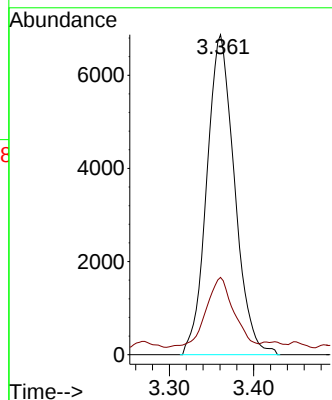
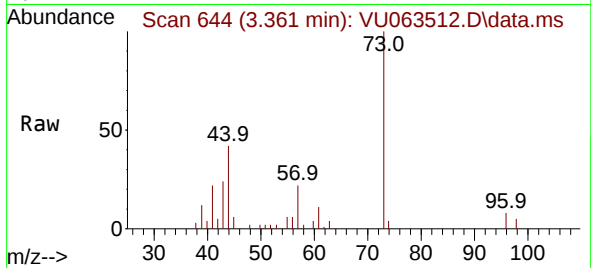
#25
Methyl tert-Butyl Ether
Concen: 1.033 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 73 Resp: 1572
Ion Ratio Lower Upper
73 100
43 21.8 16.2 24.2

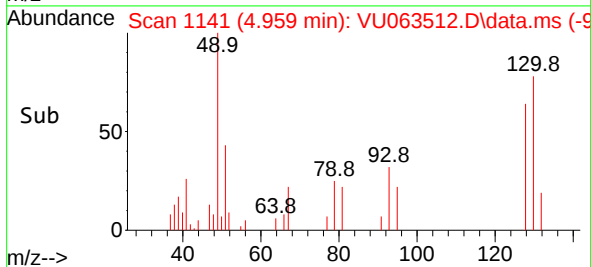
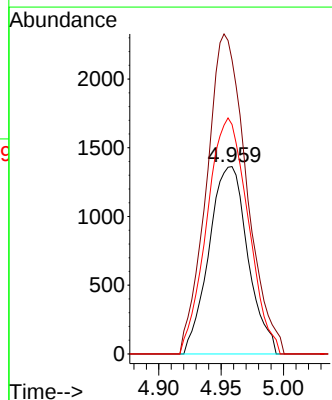
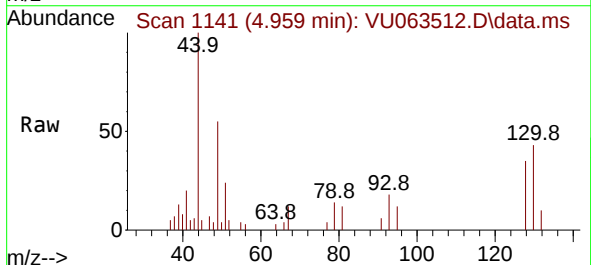
Manual Integrations
APPROVED

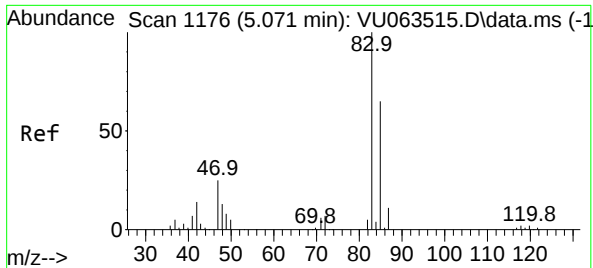
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#26
Bromochloromethane
Concen: 0.984 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.003 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

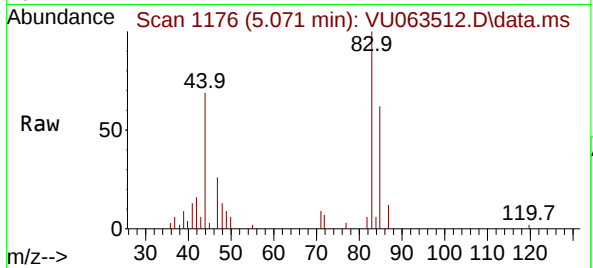
Tgt Ion:128 Resp: 2951
Ion Ratio Lower Upper
128 100
49 175.9 0.0 340.8
130 133.8 100.5 150.7





#27
Chloroform
Concen: 1.048 ug/l
RT: 5.071 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

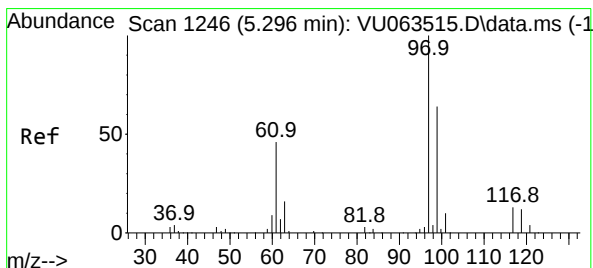
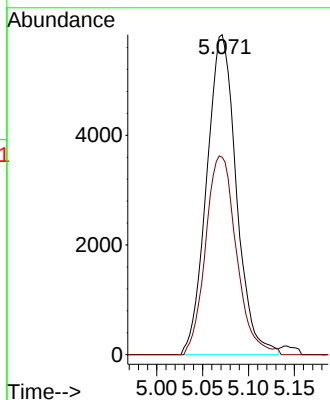
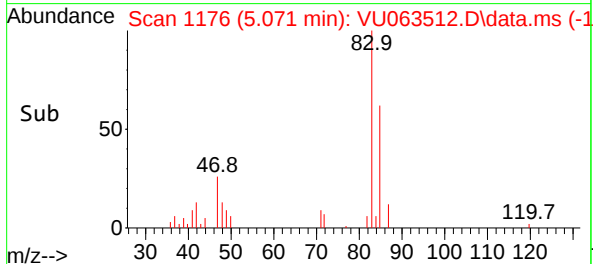
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 83 Resp: 1312
Ion Ratio Lower Upper
83 100
85 61.7 0.0 130.0

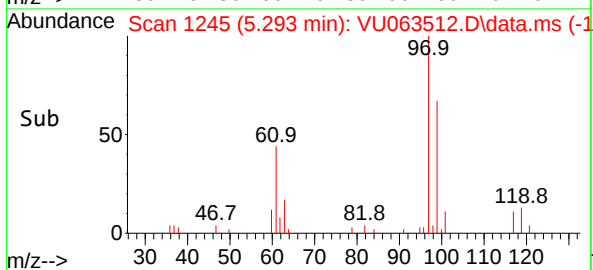
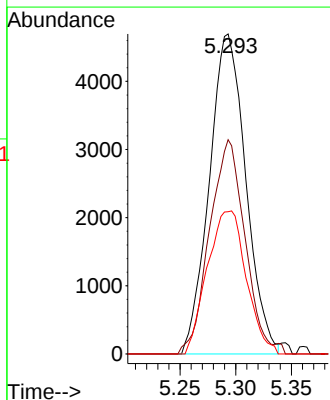
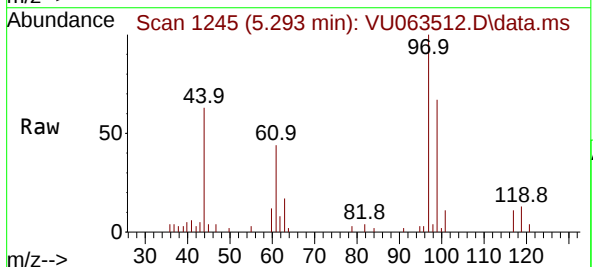
Manual Integrations
APPROVED

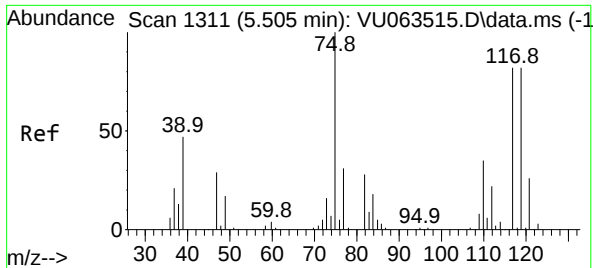
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#28
1,1,1-Trichloroethane
Concen: 1.008 ug/l
RT: 5.293 min Scan# 1245
Delta R.T. -0.003 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Tgt Ion: 97 Resp: 10709
Ion Ratio Lower Upper
97 100
99 65.0 31.8 95.3
61 47.7 23.3 69.9





#29
1,1-Dichloropropene
Concen: 1.038 ug/l
RT: 5.502 min Scan# 1108
Delta R.T. -0.003 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

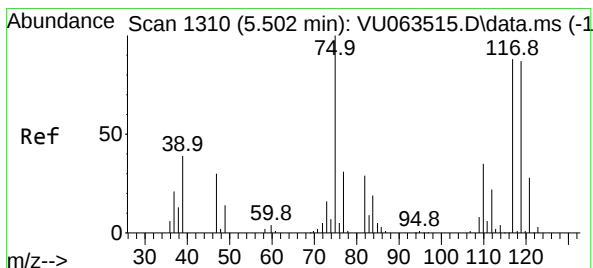
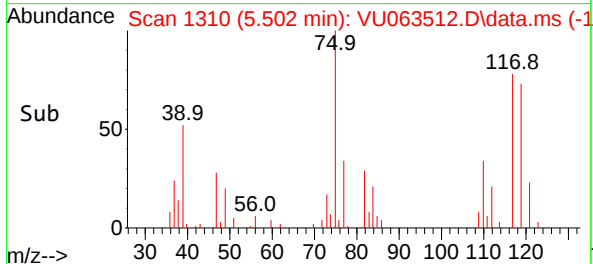
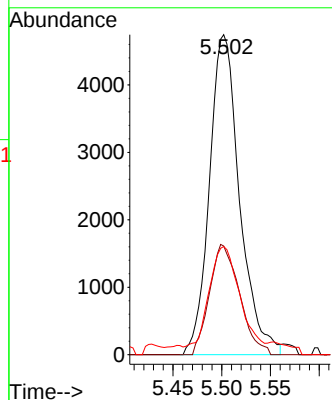
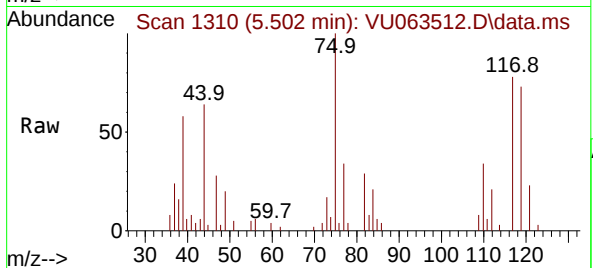
VSTDIC001

Tgt Ion: 75 Resp: 1022
Ion Ratio Lower Upper
75 100
110 34.3 17.8 53.4
77 30.5 24.6 37.0

Manual Integrations

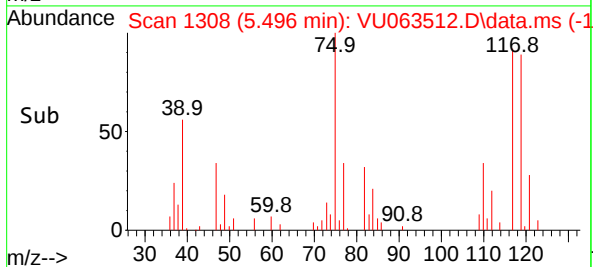
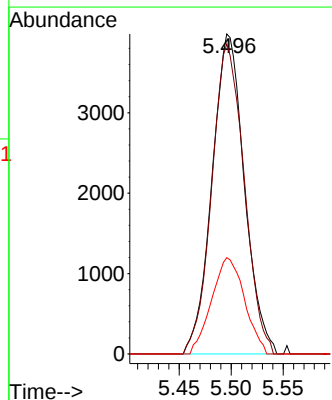
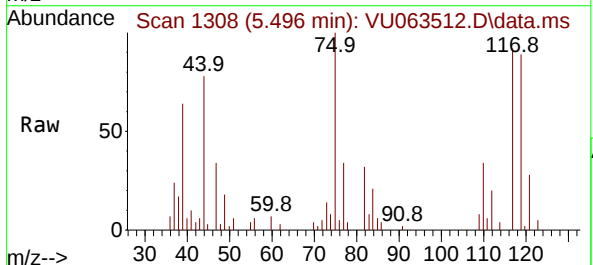
APPROVED

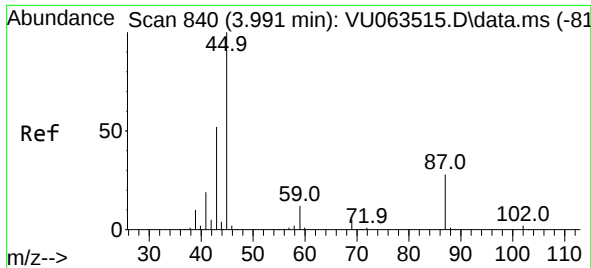
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#30
Carbon Tetrachloride
Concen: 1.005 ug/l
RT: 5.496 min Scan# 1308
Delta R.T. -0.006 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

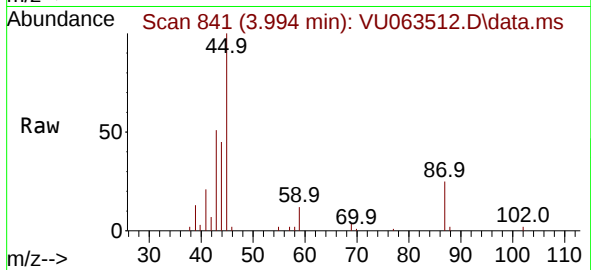
Tgt Ion:117 Resp: 8599
Ion Ratio Lower Upper
117 100
119 99.4 79.2 118.8
121 30.1 25.5 38.3





#31
Isopropyl Ether
Concen: 1.037 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.003 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

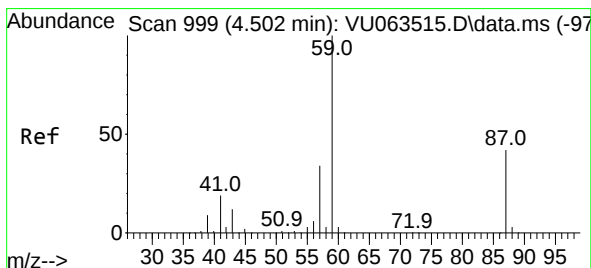
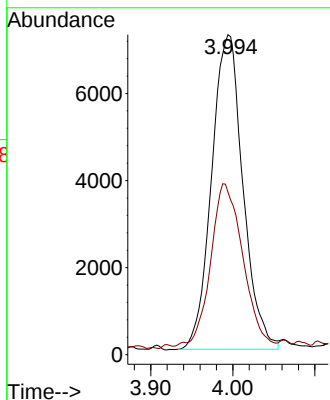
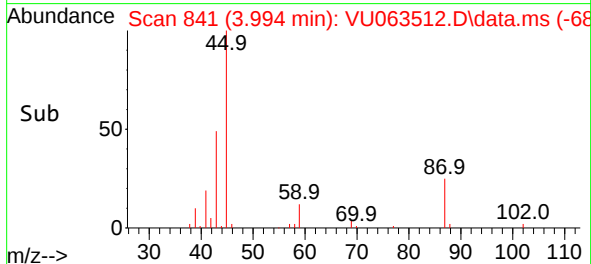
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



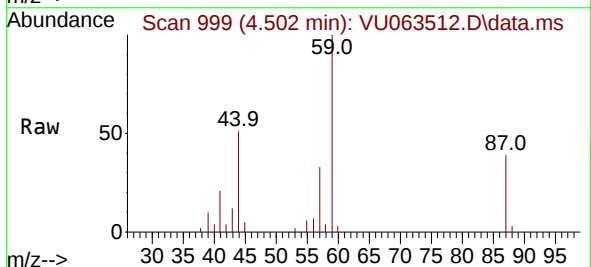
Tgt Ion: 45 Resp: 1920
Ion Ratio Lower Upper
45 100
43 52.6 25.7 77.0

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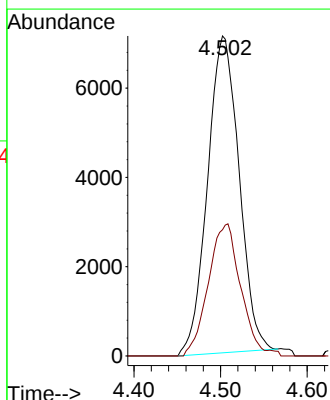
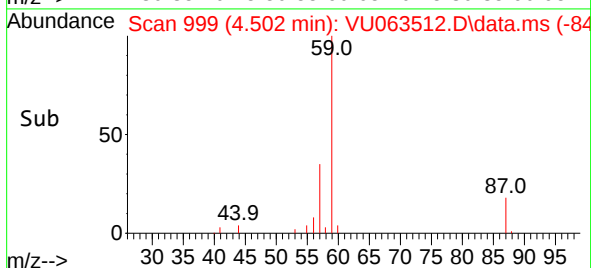
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

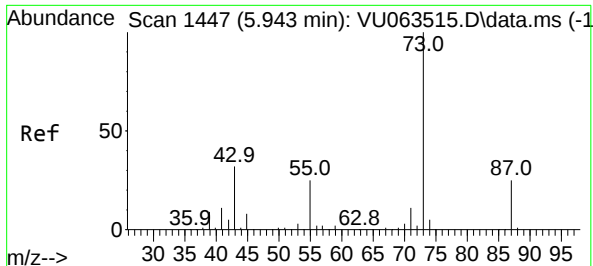


#32
Ethyl-t-butyl ether
Concen: 1.048 ug/l
RT: 4.502 min Scan# 999
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54



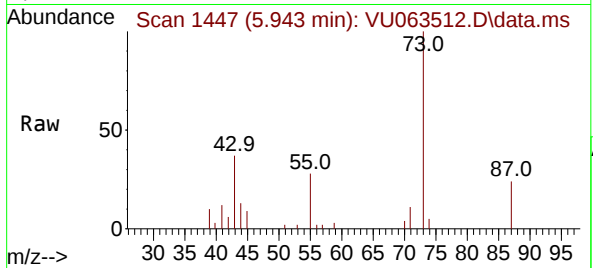
Tgt Ion: 59 Resp: 17970
Ion Ratio Lower Upper
59 100
87 42.8 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 0.907 ug/l
RT: 5.943 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

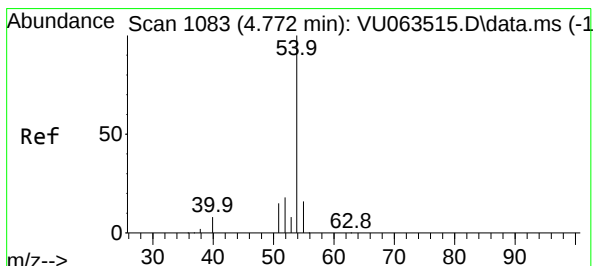
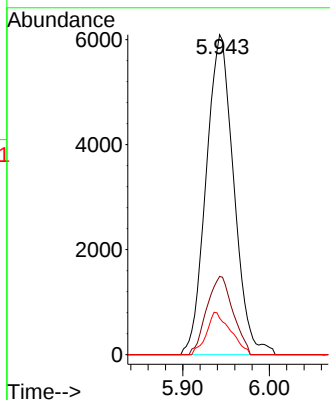
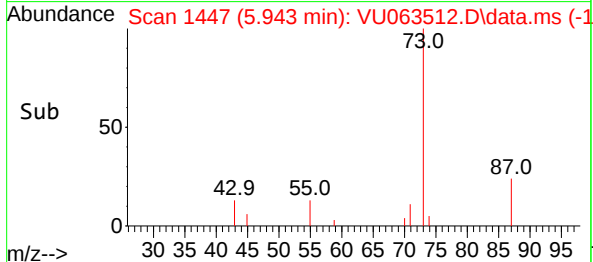
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



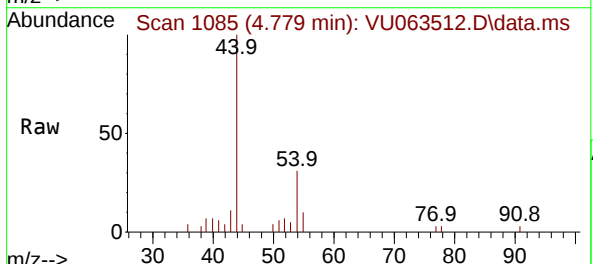
Tgt Ion: 73 Resp: 13490
Ion Ratio Lower Upper
73 100
87 23.3 19.4 29.2
71 11.5 8.9 13.3

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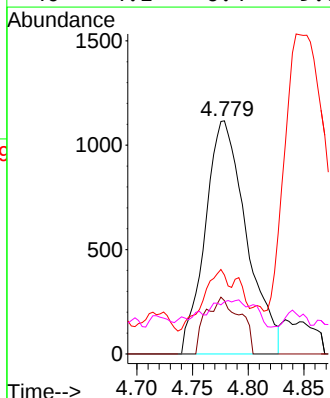
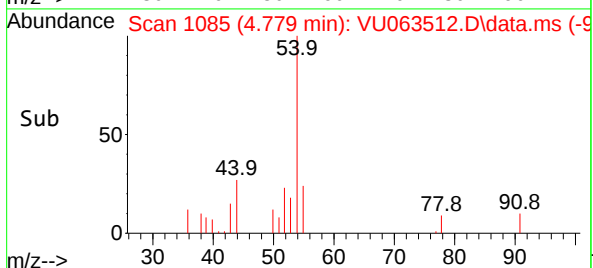
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

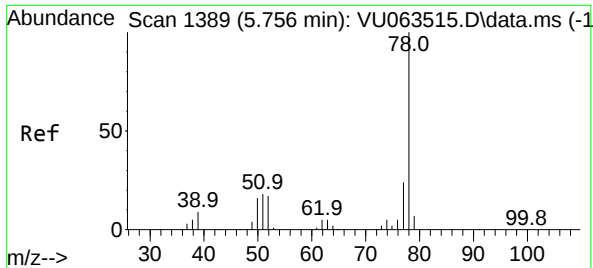


#34
Propionitrile
Concen: 5.214 ug/l
RT: 4.779 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54



Tgt Ion: 54 Resp: 2874
Ion Ratio Lower Upper
54 100
52 20.1 17.0 25.4
55 16.6 13.6 20.4
40 4.1 6.4 9.6#





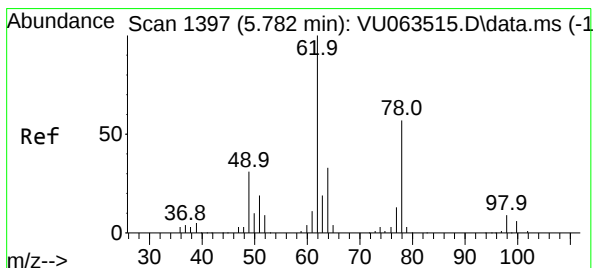
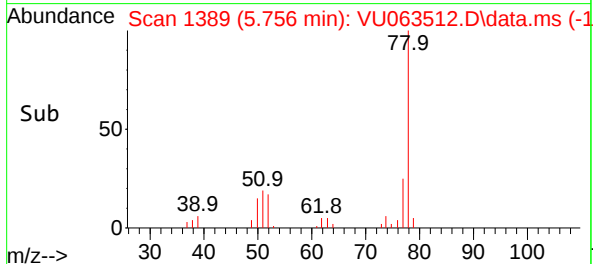
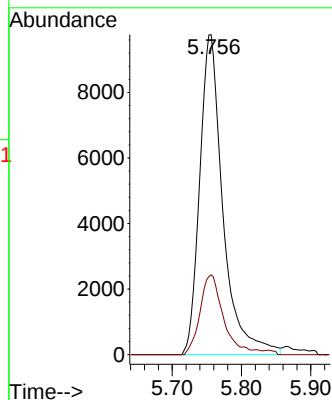
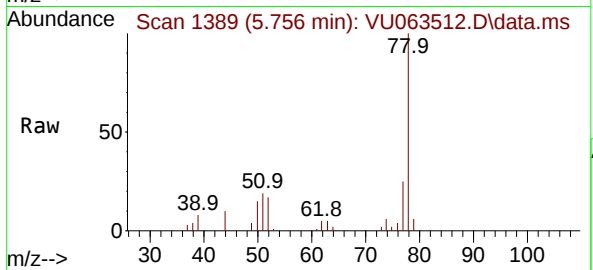
#35
Benzene
Concen: 0.858 ug/l
RT: 5.756 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 78 Resp: 22692
Ion Ratio Lower Upper
78 100
77 25.0 19.4 29.2

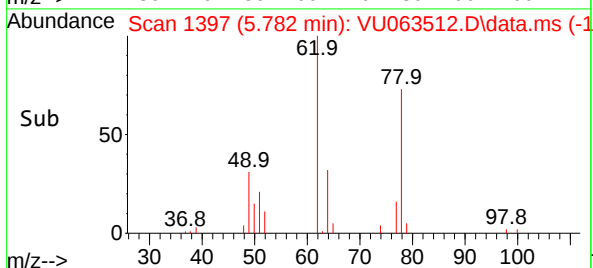
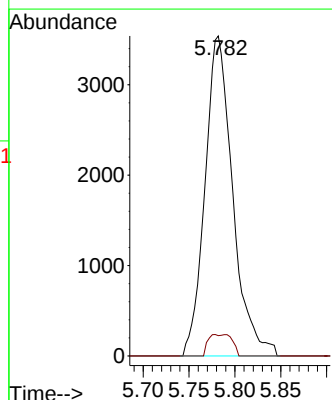
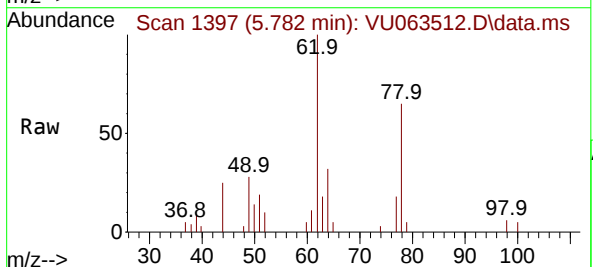
Manual Integrations
APPROVED

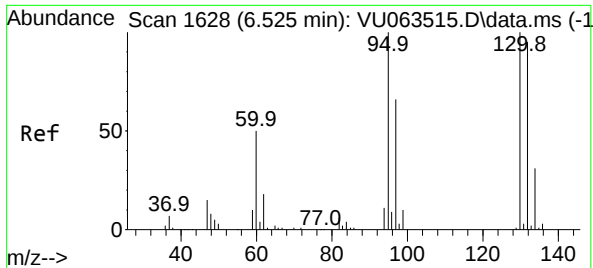
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#36
1,2-Dichloroethane
Concen: 0.906 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Tgt Ion: 62 Resp: 7451
Ion Ratio Lower Upper
62 100
98 2.7 6.4 9.6#





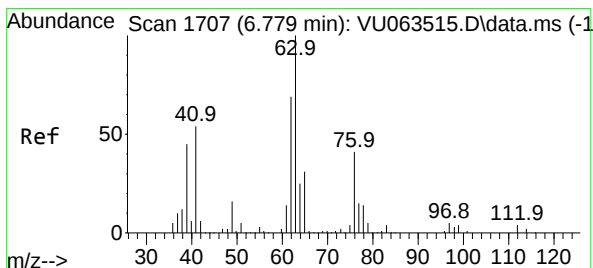
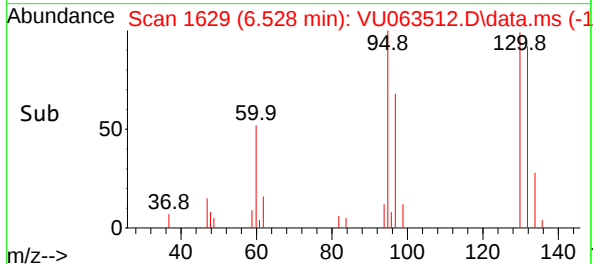
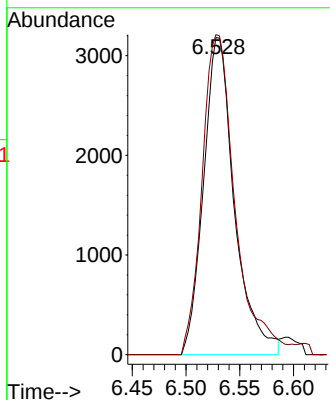
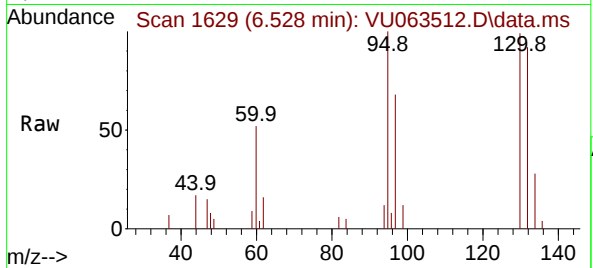
#37
Trichloroethene
Concen: 0.940 ug/l
RT: 6.528 min Scan# 1628
Delta R.T. 0.003 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:130 Resp: 634
Ion Ratio Lower Upper
130 100
95 100.9 80.3 120.5

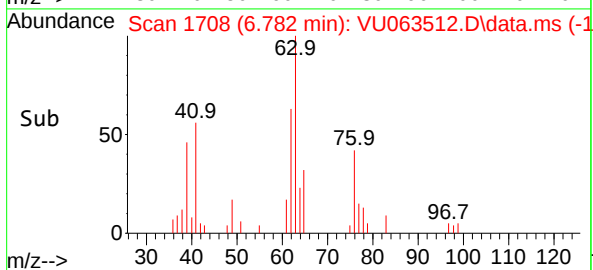
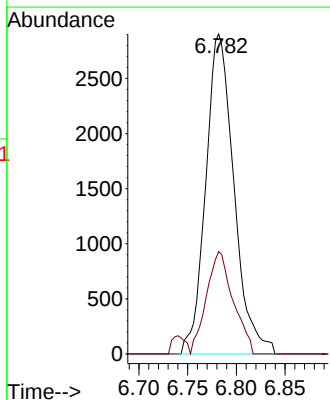
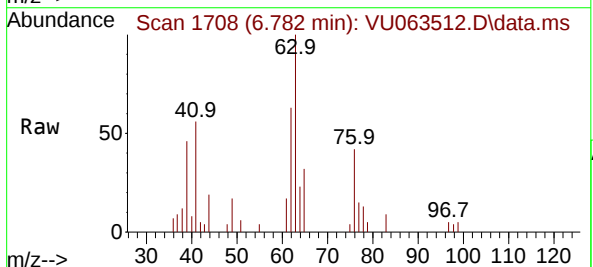
Manual Integrations
APPROVED

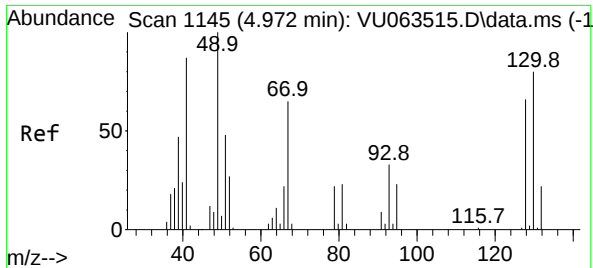
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#38
1,2-Dichloropropane
Concen: 0.947 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. 0.003 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Tgt Ion: 63 Resp: 5862
Ion Ratio Lower Upper
63 100
65 32.0 24.6 36.8





#39

Methacrylonitrile

Concen: 0.979 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VU063512.D

Acq: 16 Jul 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 41 Resp: 2368

Ion Ratio Lower Upper

41 100

67 89.7 62.7 94.1

39 62.1 43.1 64.7

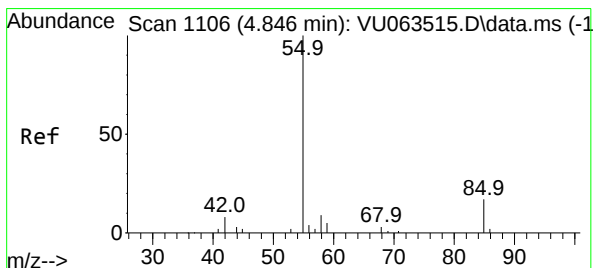
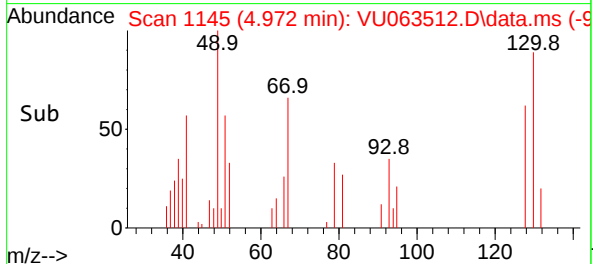
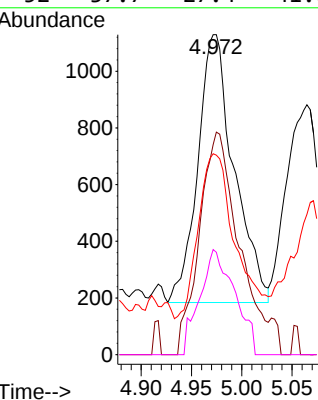
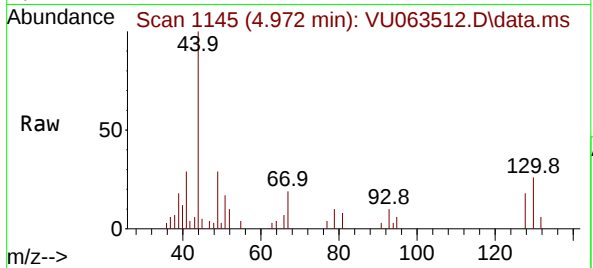
52 37.7 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#40

Methyl acrylate

Concen: 1.008 ug/l

RT: 4.843 min Scan# 1105

Delta R.T. -0.003 min

Lab File: VU063512.D

Acq: 16 Jul 2025 09:54

Tgt Ion: 55 Resp: 3610

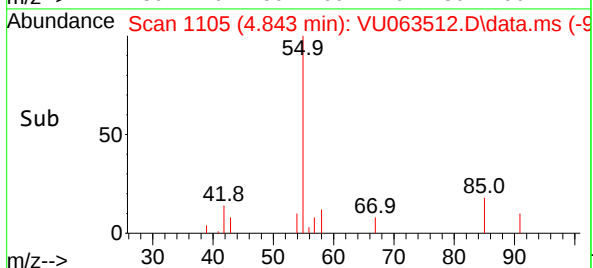
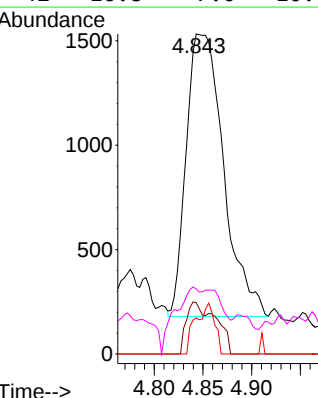
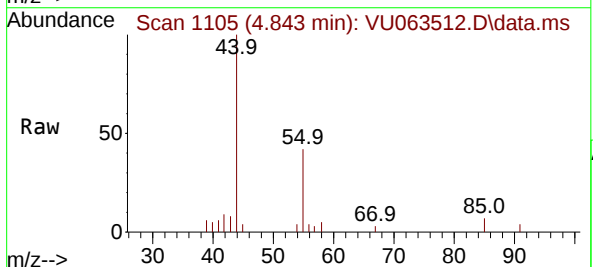
Ion Ratio Lower Upper

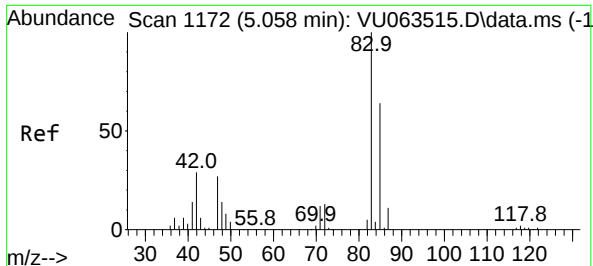
55 100

85 8.5 12.8 19.2#

58 9.1 7.0 10.4

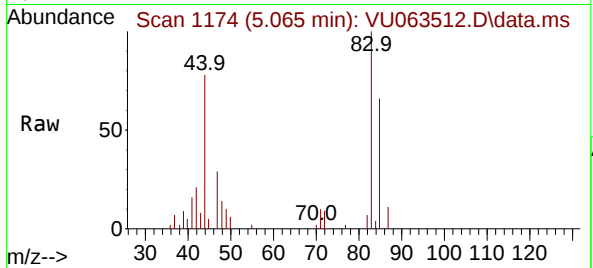
42 16.8 7.0 10.4#





#41
Tetrahydrofuran
Concen: 1.887 ug/l
RT: 5.065 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

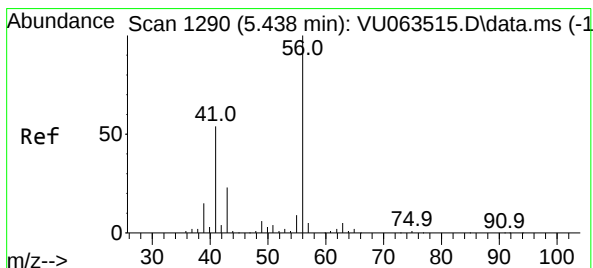
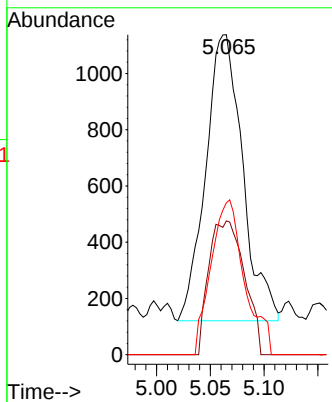
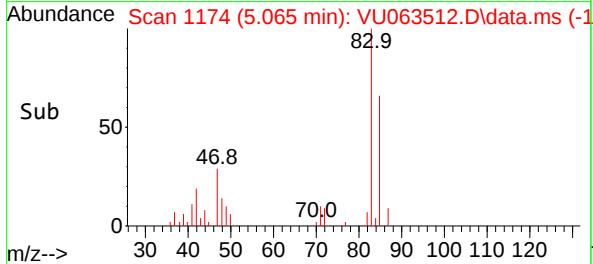
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



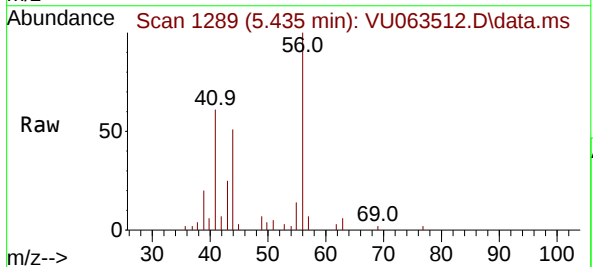
Tgt Ion: 42 Resp: 243
Ion Ratio Lower Upper
42 100
72 45.0 39.2 58.8
71 49.1 34.8 52.2

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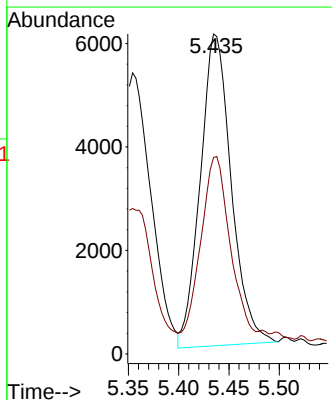
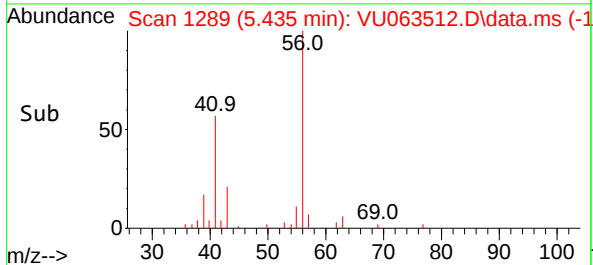
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

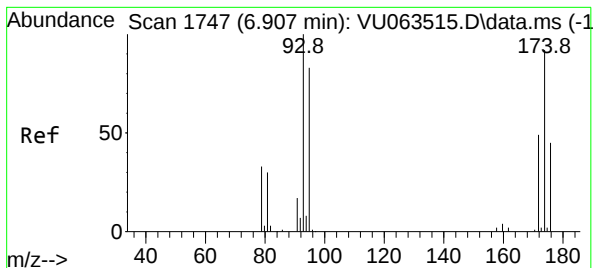


#42
1-Chlorobutane
Concen: 0.987 ug/l
RT: 5.435 min Scan# 1289
Delta R.T. -0.003 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54



Tgt Ion: 56 Resp: 12913
Ion Ratio Lower Upper
56 100
41 52.5 26.7 80.0





#43

Dibromomethane

Concen: 0.939 ug/l

RT: 6.910 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU063512.D

Acq: 16 Jul 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 93 Resp: 301

Ion Ratio Lower Upper

93 100

95 81.8 67.9 101.9

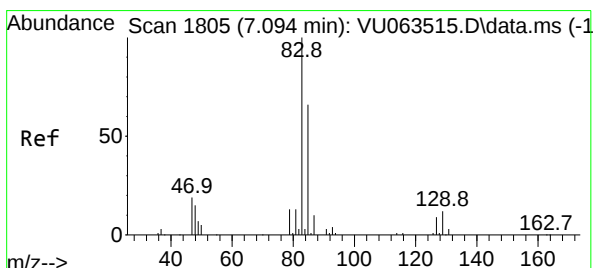
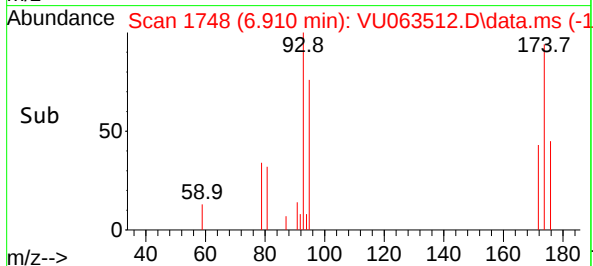
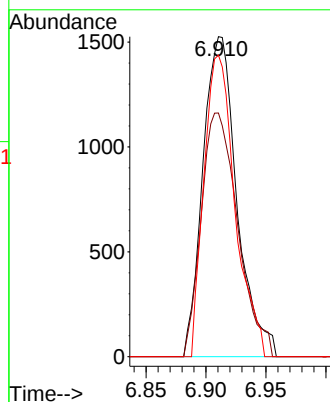
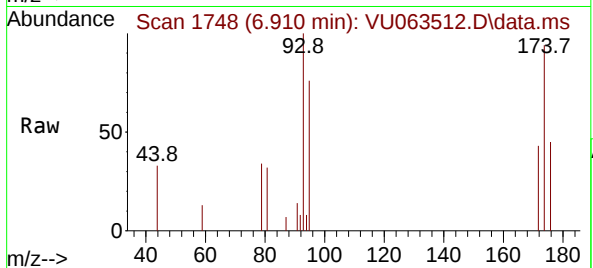
174 86.0 74.6 111.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#44

Bromodichloromethane

Concen: 0.943 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. 0.003 min

Lab File: VU063512.D

Acq: 16 Jul 2025 09:54

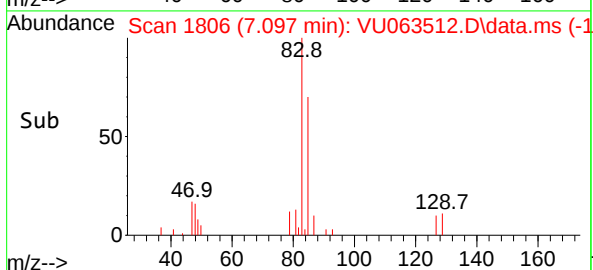
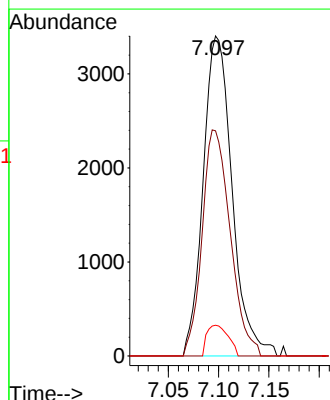
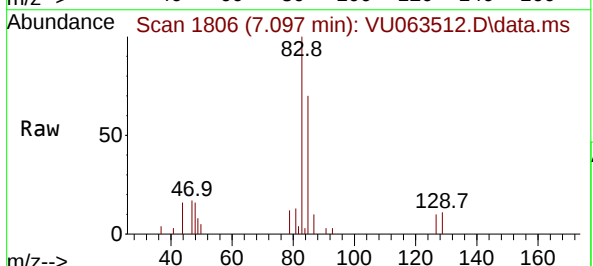
Tgt Ion: 83 Resp: 6824

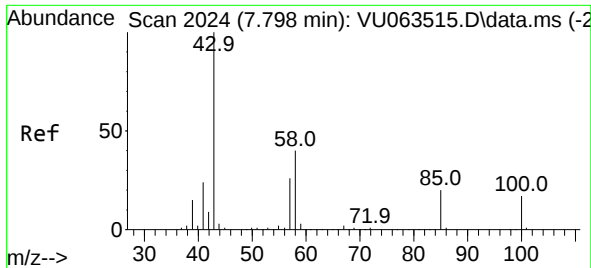
Ion Ratio Lower Upper

83 100

85 70.4 52.7 79.1

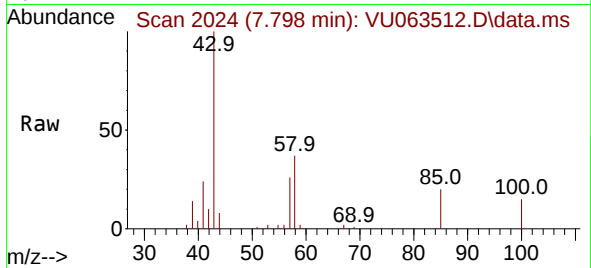
127 9.6 8.1 12.1





#45
4-Methyl-2-Pentanone
Concen: 4.985 ug/l
RT: 7.798 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

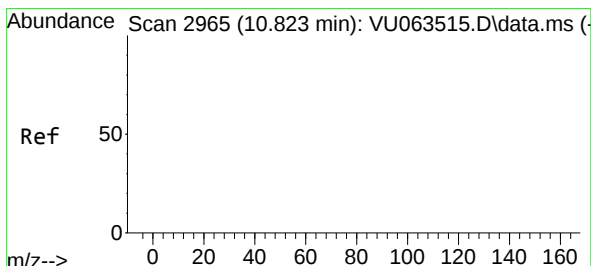
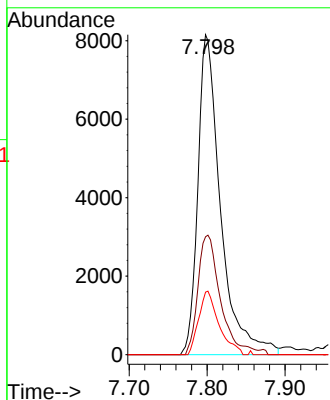
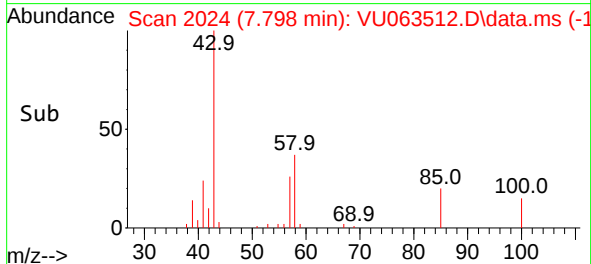
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion: 43 Resp: 16478
Ion Ratio Lower Upper
43 100
58 37.0 20.0 60.0
85 17.8 15.4 23.0

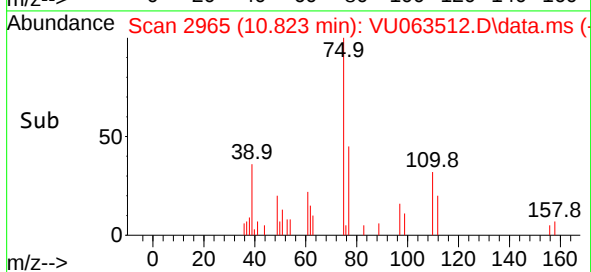
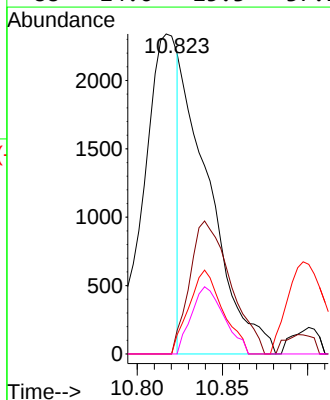
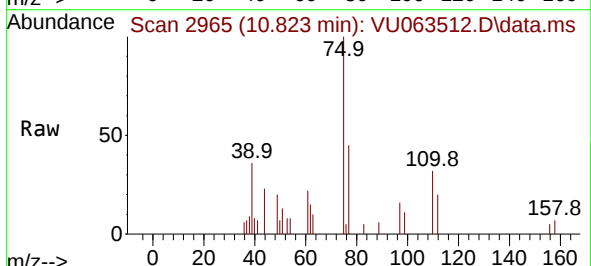
Manual Integrations
APPROVED

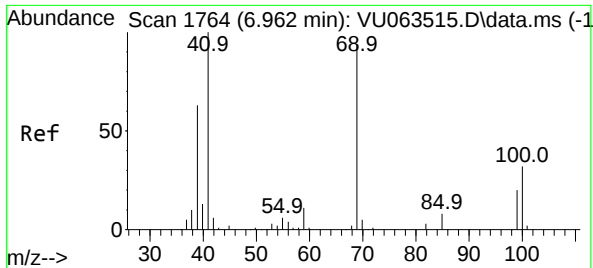
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#46
t-1,4-Dichloro-2-butene
Concen: 2.286 ug/l m
RT: 10.823 min Scan# 2965
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

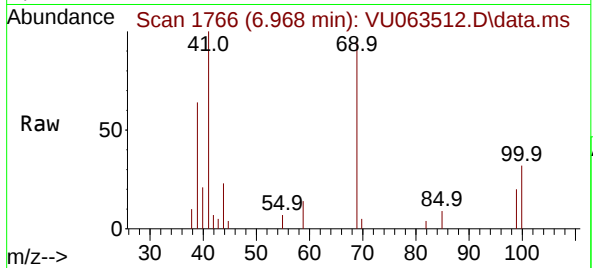
Tgt Ion: 75 Resp: 2681
Ion Ratio Lower Upper
75 100
53 60.3 48.4 72.6
89 31.6 30.6 45.8
88 24.6 25.3 37.9#





#47
Methyl methacrylate
Concen: 1.779 ug/l
RT: 6.968 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

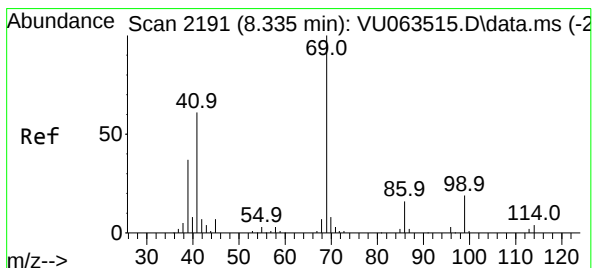
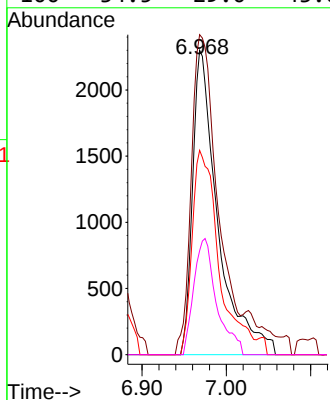
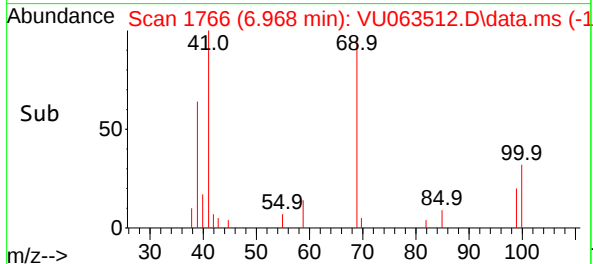
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion: 69 Resp: 479
Ion Ratio Lower Upper
69 100
41 108.3 0.0 224.0
39 71.4 55.3 82.9
100 34.5 29.0 43.6

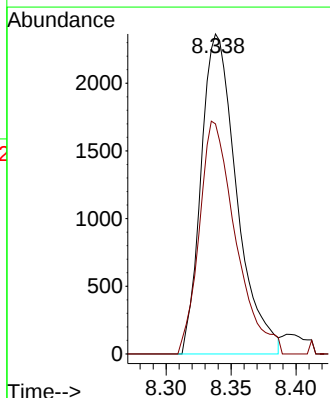
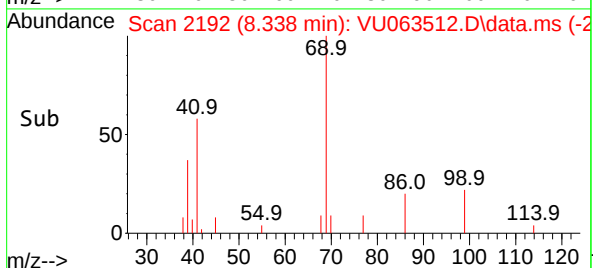
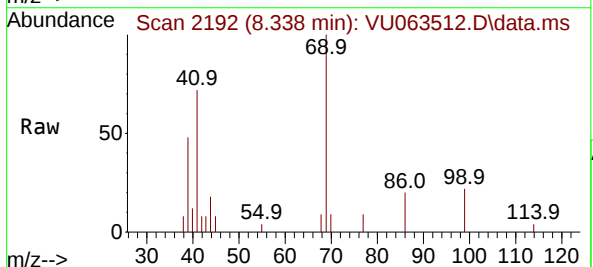
Manual Integrations
APPROVED

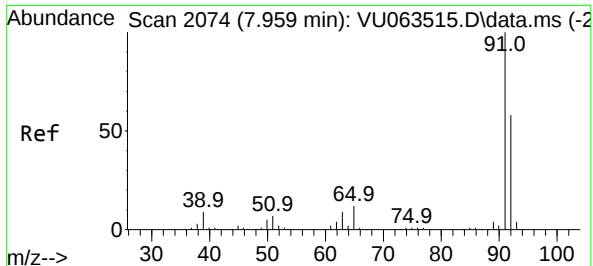
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#48
Ethyl methacrylate
Concen: 0.875 ug/l
RT: 8.338 min Scan# 2192
Delta R.T. 0.003 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Tgt Ion: 69 Resp: 4500
Ion Ratio Lower Upper
69 100
41 73.9 30.8 92.4





#49

Toluene

Concen: 1.010 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU063512.D

Acq: 16 Jul 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 92 Resp: 1459

Ion Ratio Lower Upper

92 100

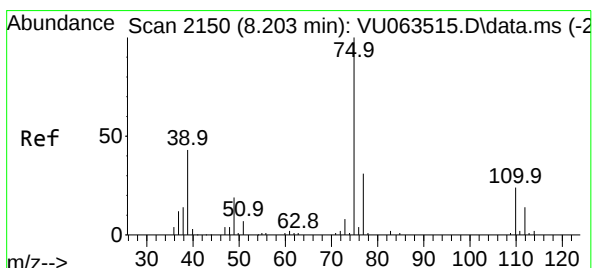
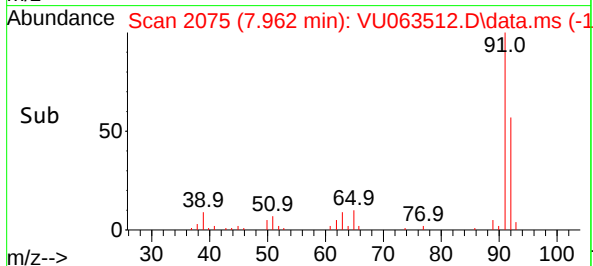
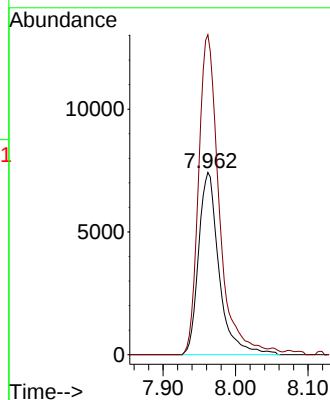
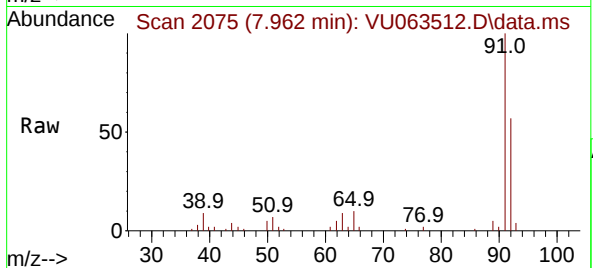
91 175.8 140.4 210.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#50

t-1,3-Dichloropropene

Concen: 0.915 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.006 min

Lab File: VU063512.D

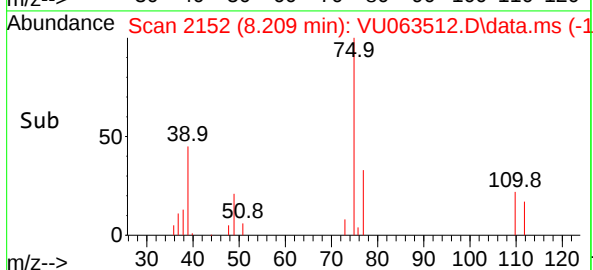
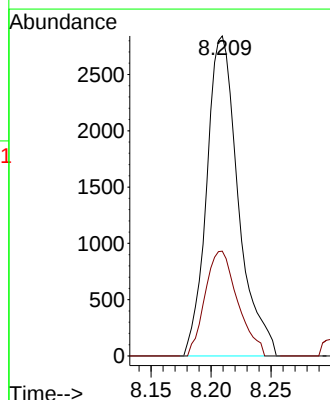
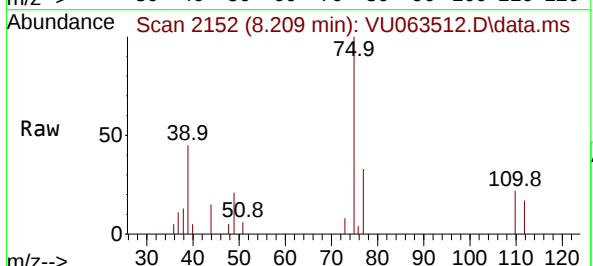
Acq: 16 Jul 2025 09:54

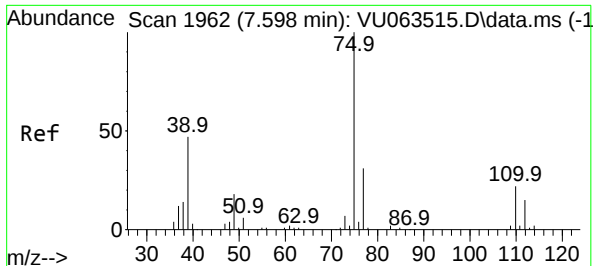
Tgt Ion: 75 Resp: 5194

Ion Ratio Lower Upper

75 100

77 32.8 24.9 37.3





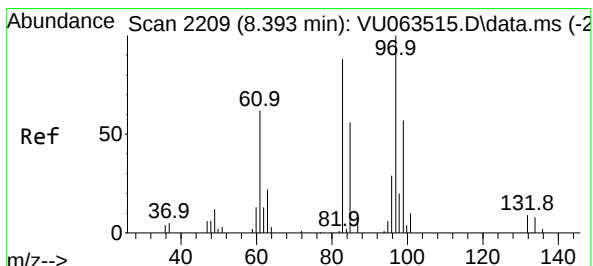
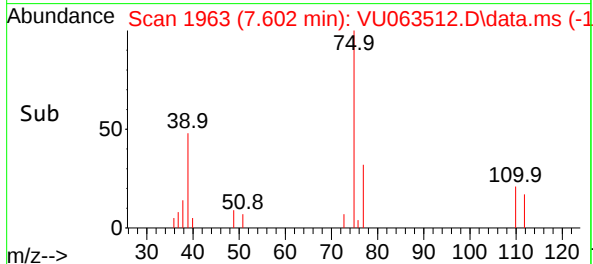
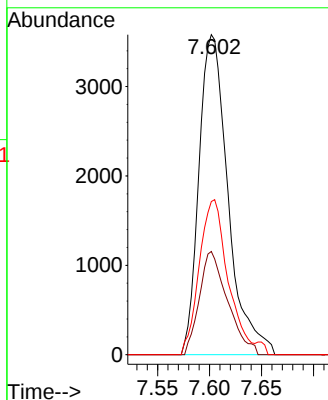
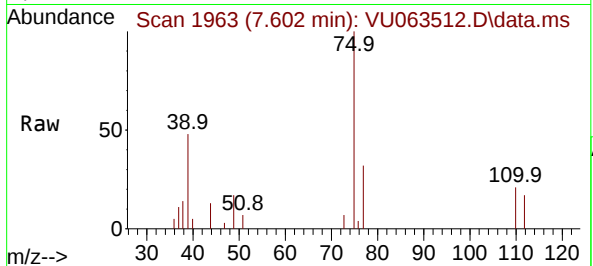
#51
 cis-1,3-Dichloropropene
 Concen: 0.918 ug/l
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU063512.D
 Acq: 16 Jul 2025 09:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion: 75 Resp: 6989
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.1 37.7
 39 47.8 37.8 56.6

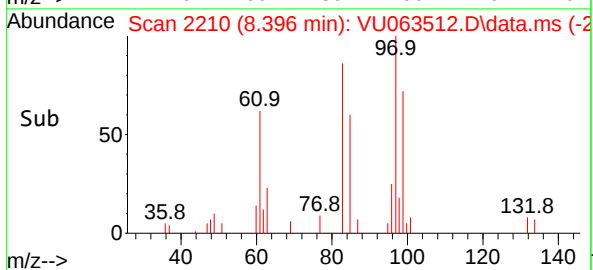
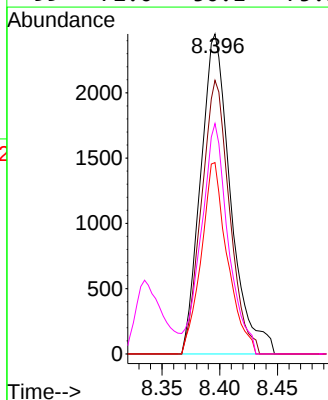
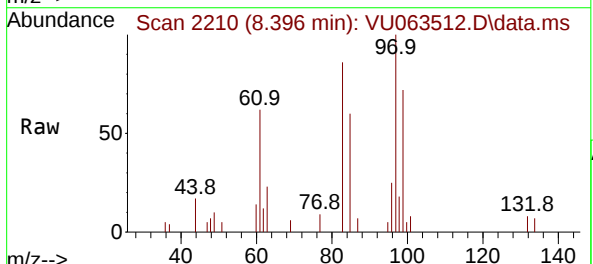
Manual Integrations
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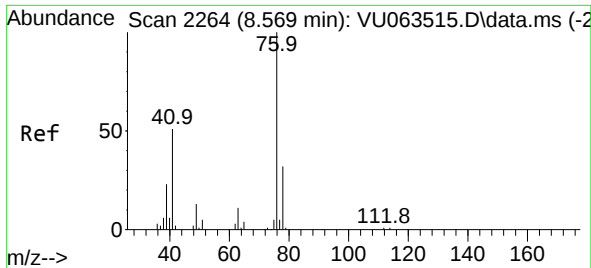
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#52
 1,1,2-Trichloroethane
 Concen: 1.022 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU063512.D
 Acq: 16 Jul 2025 09:54

Tgt Ion: 97 Resp: 4414
 Ion Ratio Lower Upper
 97 100
 83 85.5 70.2 105.2
 85 59.8 45.2 67.8
 99 72.0 50.1 75.1





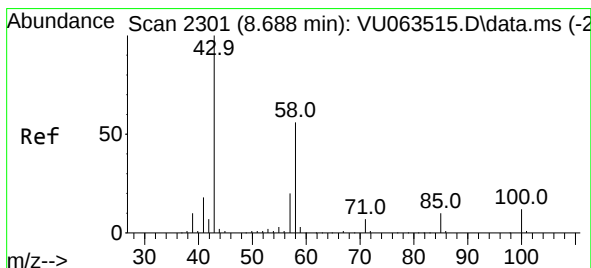
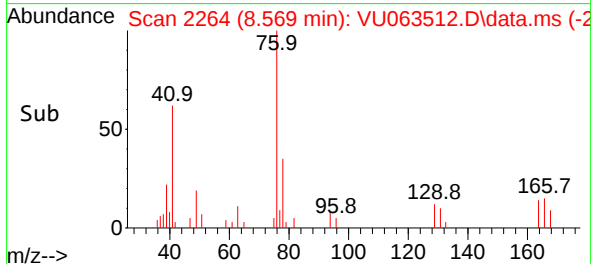
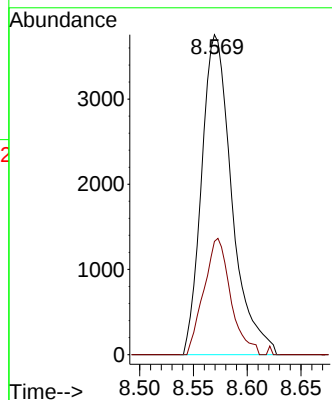
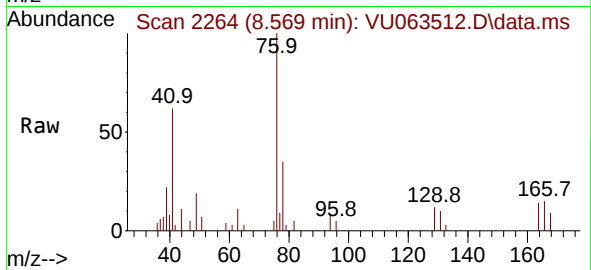
#53
1,3-Dichloropropane
Concen: 0.985 ug/l
RT: 8.569 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 76 Resp: 7339
Ion Ratio Lower Upper
76 100
78 32.3 26.0 39.0

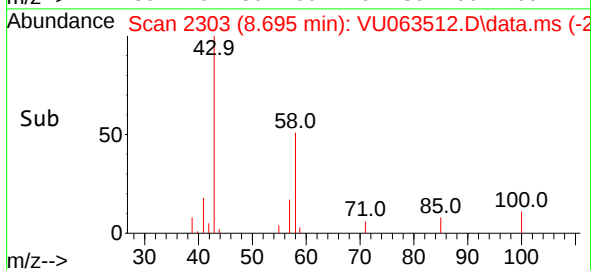
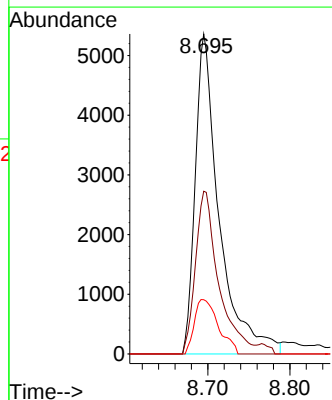
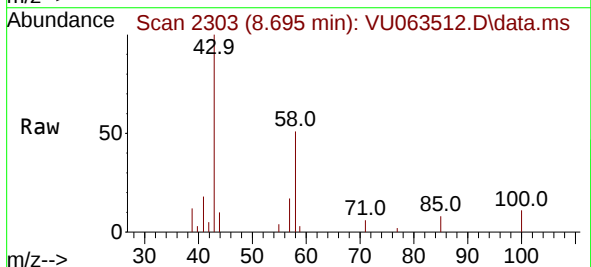
Manual Integrations
APPROVED

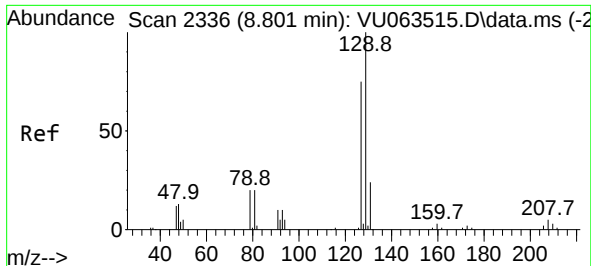
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#54
2-Hexanone
Concen: 4.940 ug/l
RT: 8.695 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

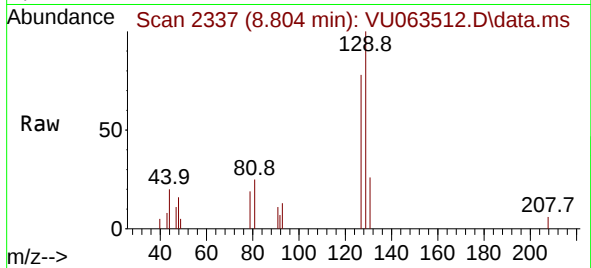
Tgt Ion: 43 Resp: 10847
Ion Ratio Lower Upper
43 100
58 49.3 34.8 74.8
57 17.1 0.0 39.5





#55
Dibromochloromethane
Concen: 0.903 ug/l
RT: 8.804 min Scan# 212
Delta R.T. 0.003 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

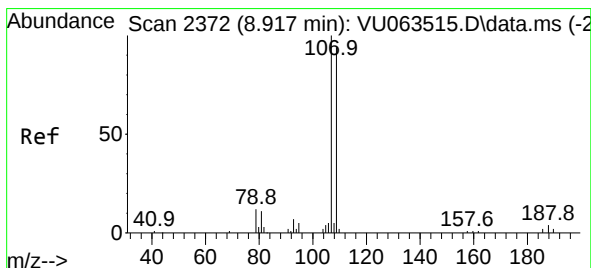
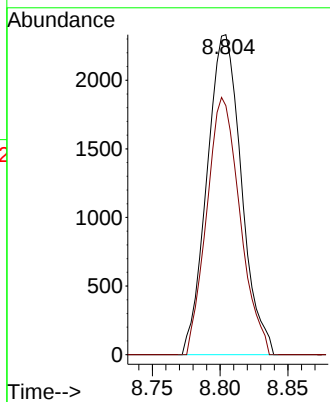
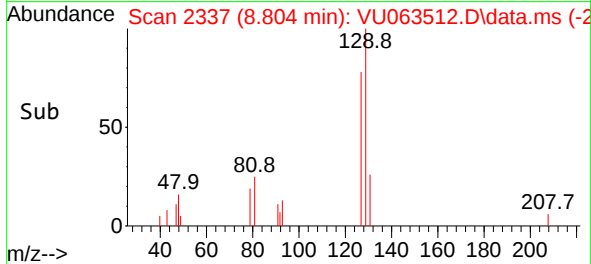
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion:129 Resp: 412
Ion Ratio Lower Upper
129 100
127 77.6 60.1 90.1

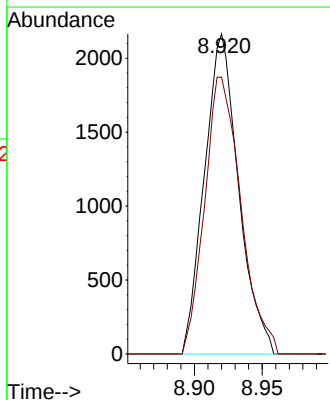
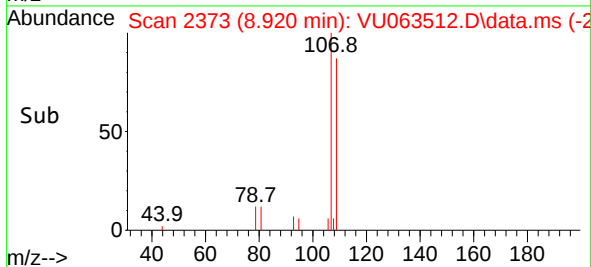
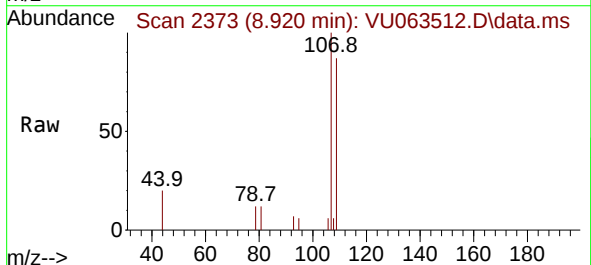
Manual Integrations
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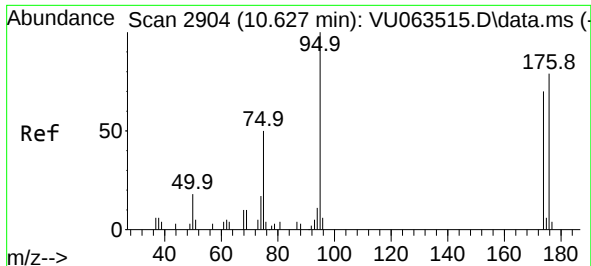
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#56
1,2-Dibromoethane
Concen: 0.980 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

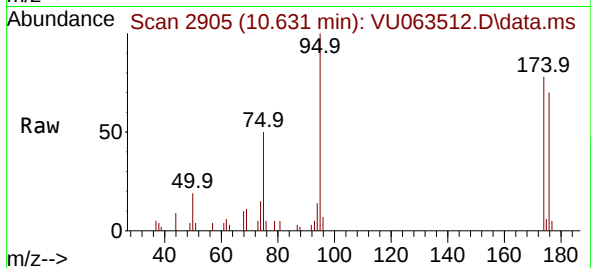
Tgt Ion:107 Resp: 3787
Ion Ratio Lower Upper
107 100
109 91.8 0.0 186.4





#57
4-Bromofluorobenzene
Concen: 1.082 ug/l
RT: 10.631 min Scan# 2904
Delta R.T. 0.003 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

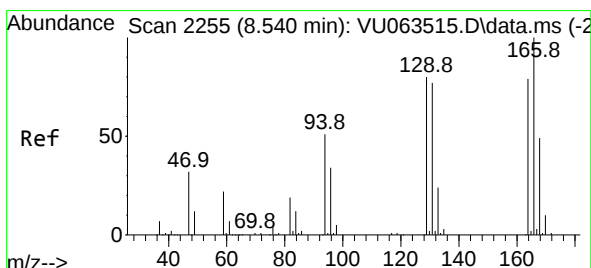
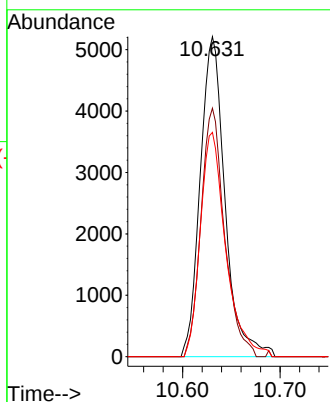
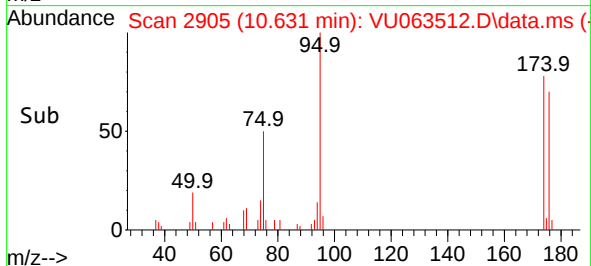
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion: 95 Resp: 9200
Ion Ratio Lower Upper
95 100
174 73.9 59.8 89.8
176 72.1 61.8 92.8

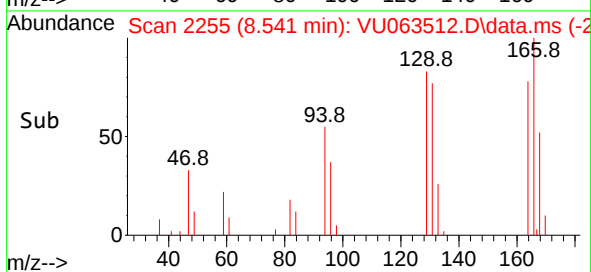
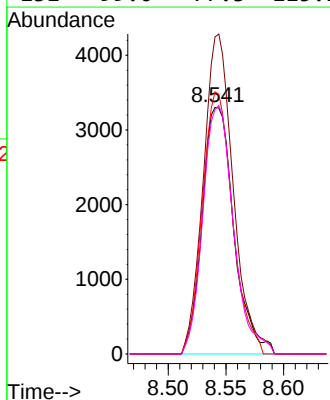
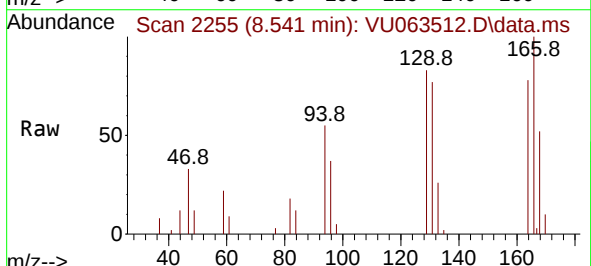
Manual Integrations
APPROVED

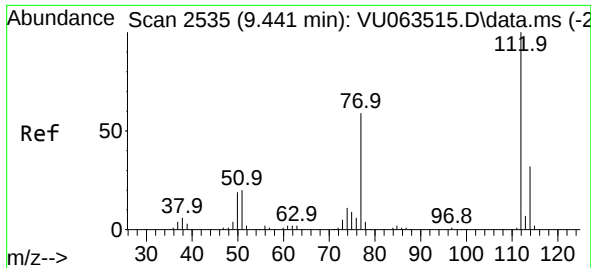
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#58
Tetrachloroethene
Concen: 1.016 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

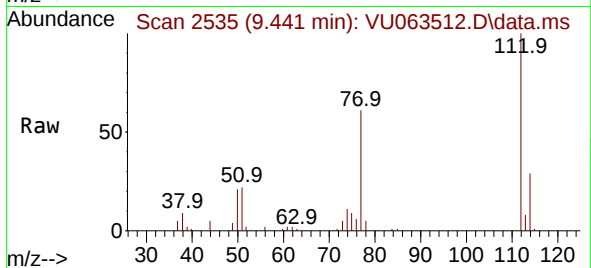
Tgt Ion:164 Resp: 6276
Ion Ratio Lower Upper
164 100
166 128.5 100.7 151.1
129 106.3 80.6 120.8
131 99.0 77.3 115.9





#59
Chlorobenzene
Concen: 0.994 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

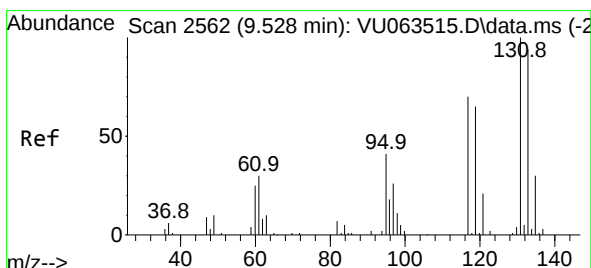
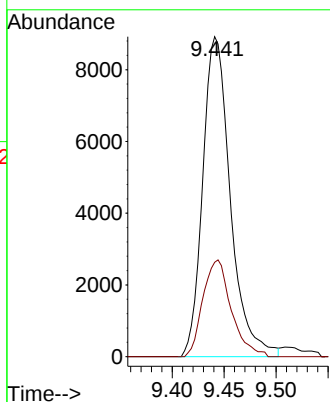
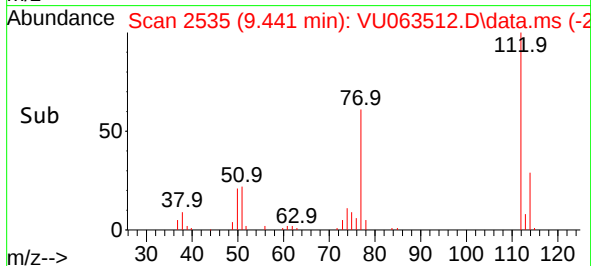
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



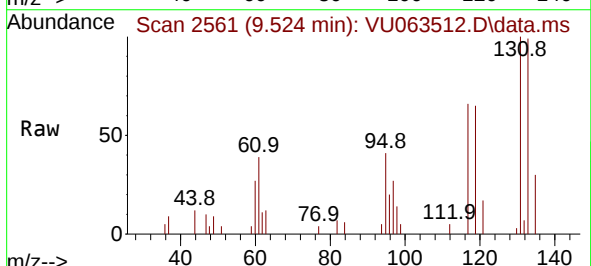
Tgt Ion:112 Resp: 1649
Ion Ratio Lower Upper
112 100
114 29.5 25.4 38.2

Manual Integrations
APPROVED

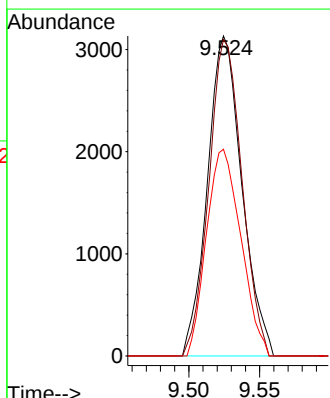
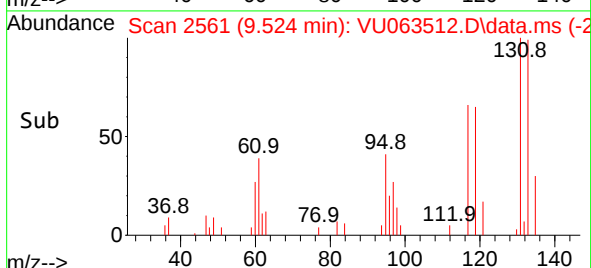
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

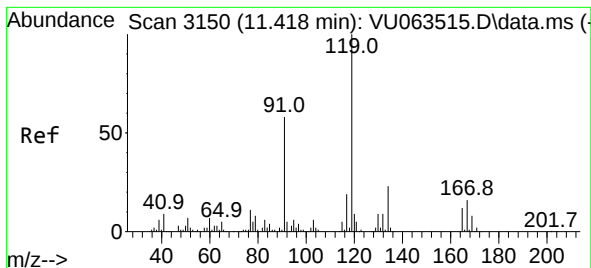


#60
1,1,1,2-Tetrachloroethane
Concen: 0.995 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54



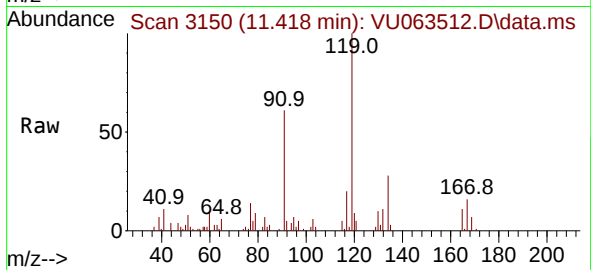
Tgt Ion:131 Resp: 5306
Ion Ratio Lower Upper
131 100
133 94.8 74.7 112.1
119 64.5 53.0 79.4





#61
Pentachloroethane
Concen: 0.894 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

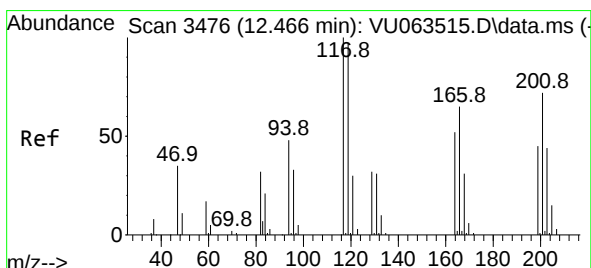
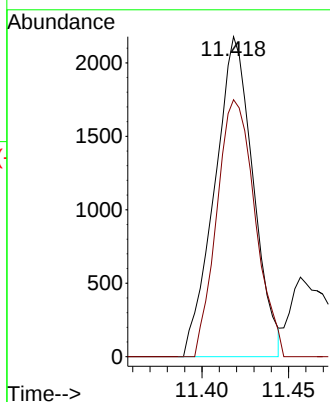
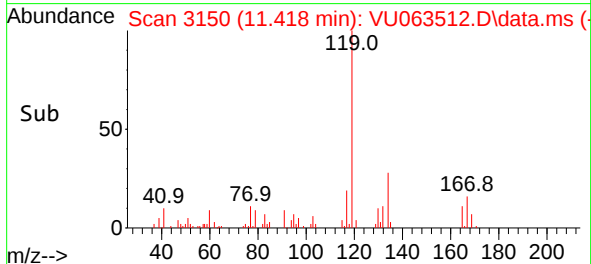
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



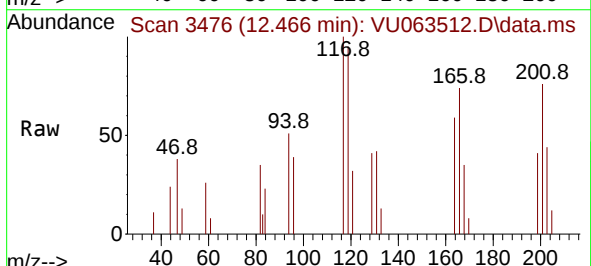
Tgt Ion:117 Resp: 3370
Ion Ratio Lower Upper
117 100
167 79.7 65.0 97.6

Manual Integrations
APPROVED

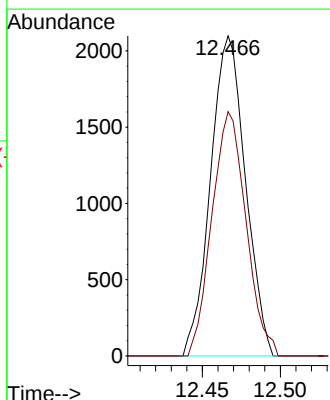
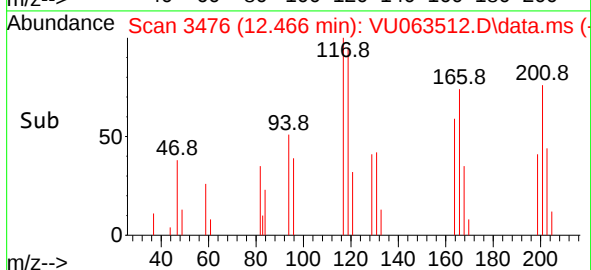
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

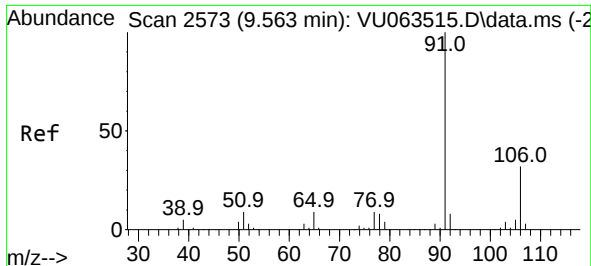


#62
Hexachloroethane
Concen: 0.875 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54



Tgt Ion:117 Resp: 3268
Ion Ratio Lower Upper
117 100
201 74.5 57.4 86.0





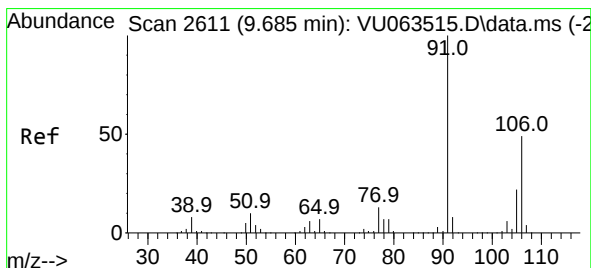
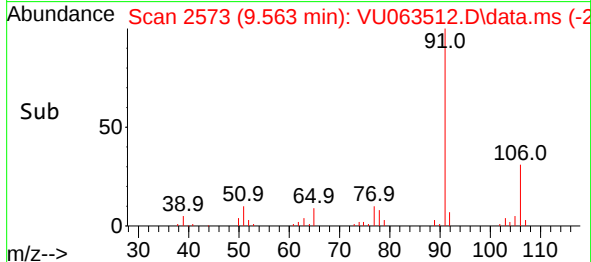
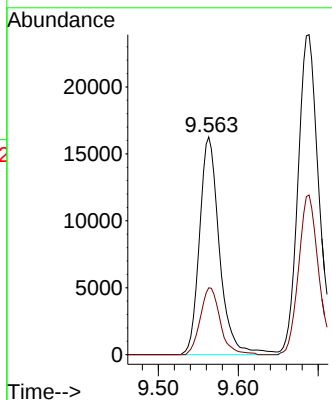
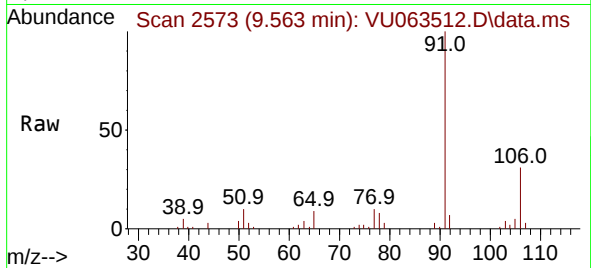
#63
Ethyl Benzene
Concen: 0.992 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 28308
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.0

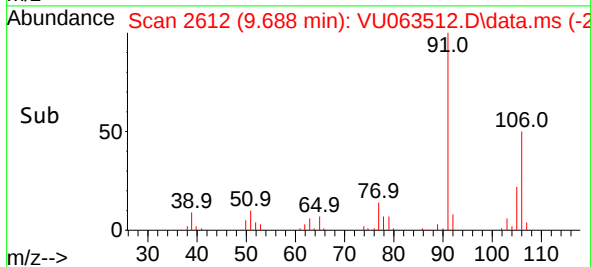
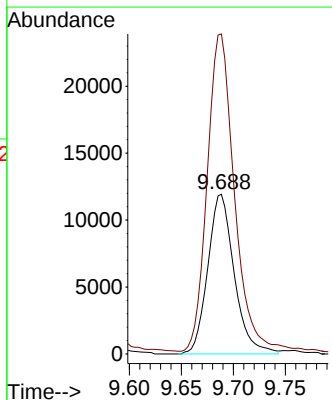
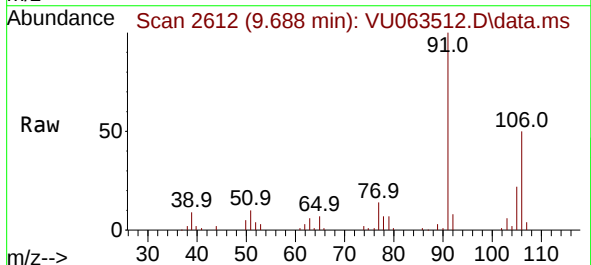
Manual Integrations
APPROVED

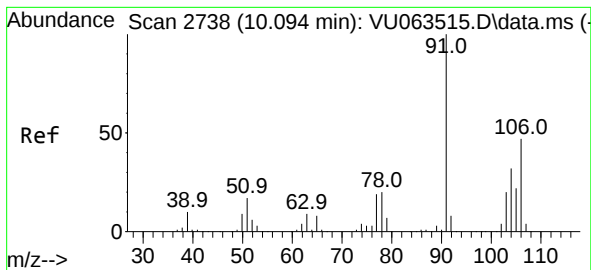
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#64
m/p-Xylenes
Concen: 1.904 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Tgt Ion:106 Resp: 21130
Ion Ratio Lower Upper
106 100
91 209.8 163.6 245.4





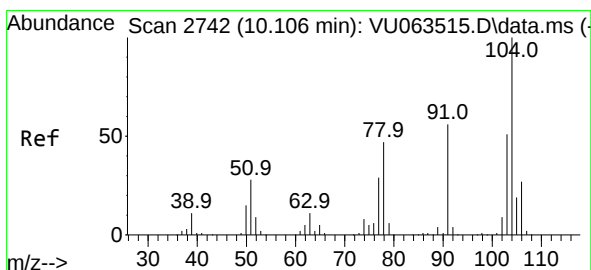
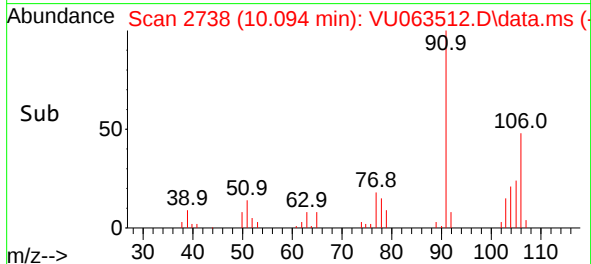
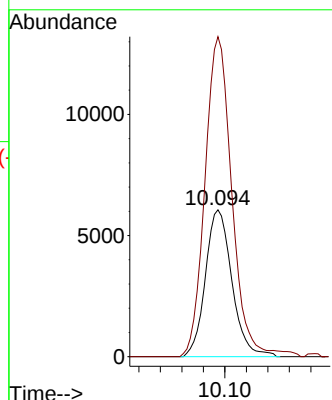
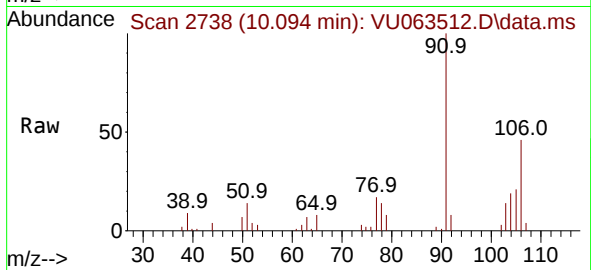
#65
o-Xylene
Concen: 0.974 ug/l
RT: 10.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 1038
Ion Ratio Lower Upper
106 100
91 221.3 108.1 324.4

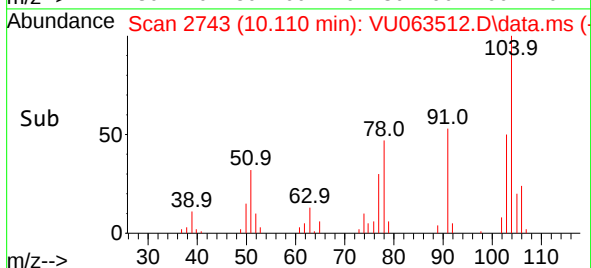
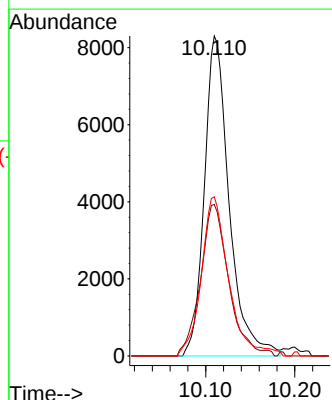
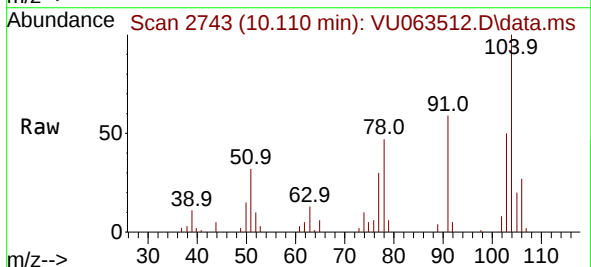
Manual Integrations
APPROVED

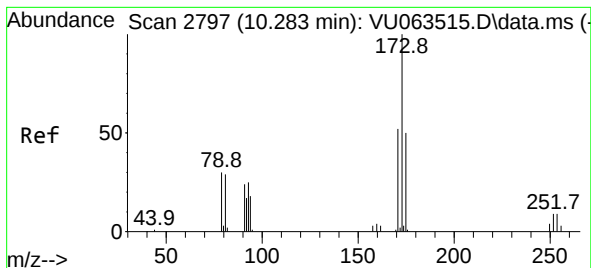
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#66
Styrene
Concen: 0.945 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Tgt Ion:104 Resp: 16060
Ion Ratio Lower Upper
104 100
78 53.8 41.3 61.9
103 55.0 43.6 65.4





#67

Bromoform

Concen: 0.810 ug/l

RT: 10.286 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063512.D

Acq: 16 Jul 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

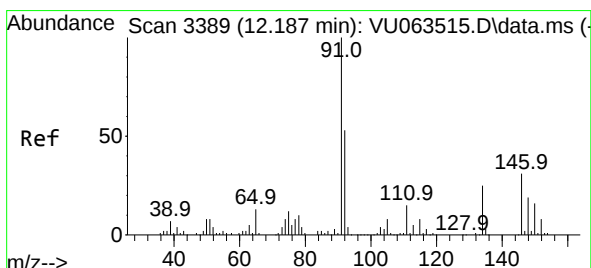
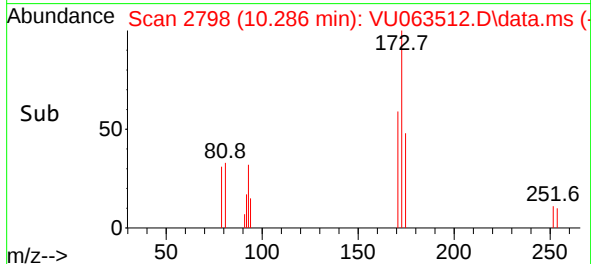
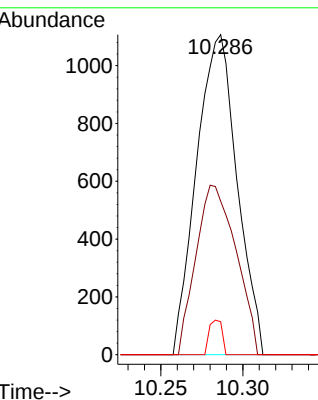
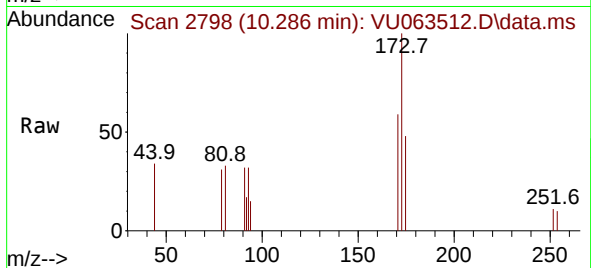
Tgt Ion:	173	Resp:	189
Ion Ratio	Lower	Upper	
173	100		
175	52.3	39.0	58.4
254	3.4	6.5	9.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#68

1,2-Dichlorobenzene-d4

Concen: 1.038 ug/l

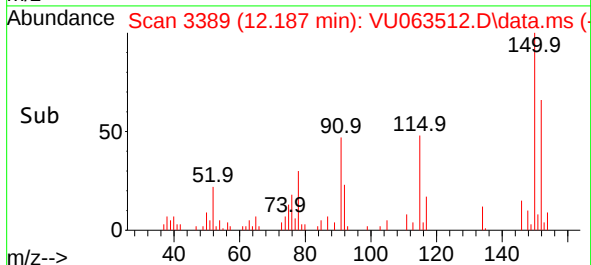
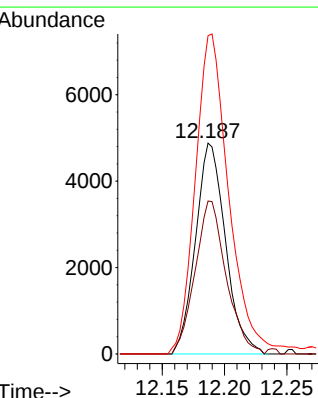
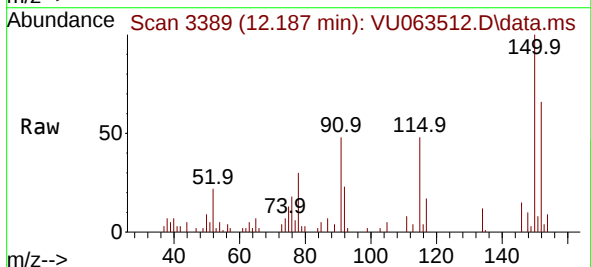
RT: 12.187 min Scan# 3389

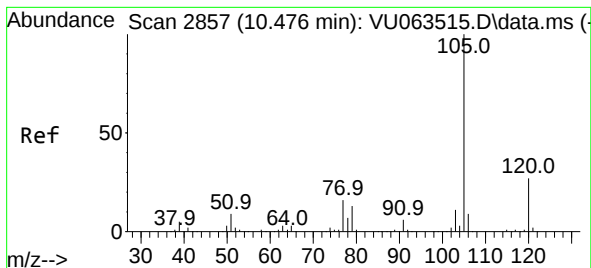
Delta R.T. 0.000 min

Lab File: VU063512.D

Acq: 16 Jul 2025 09:54

Tgt Ion:	152	Resp:	8165
Ion Ratio	Lower	Upper	
152	100		
115	75.3	0.0	262.2
150	170.7	0.0	651.2





#69

Isopropylbenzene

Concen: 0.974 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU063512.D

Acq: 16 Jul 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 25098

Ion Ratio Lower Upper

105 100

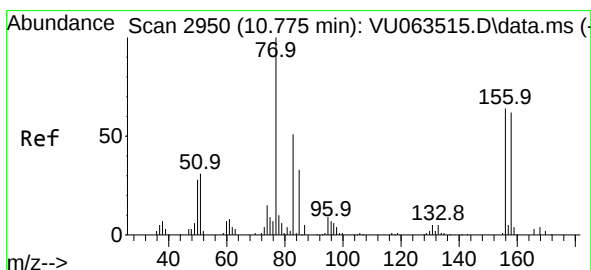
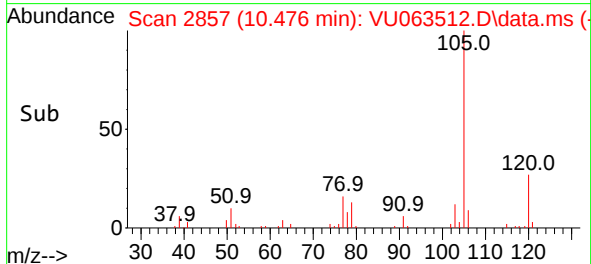
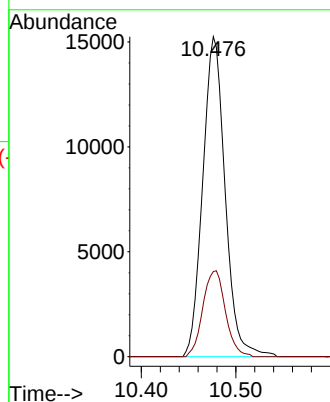
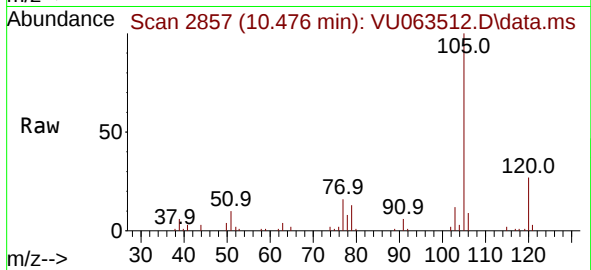
120 27.1 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 0.978 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU063512.D

Acq: 16 Jul 2025 09:54

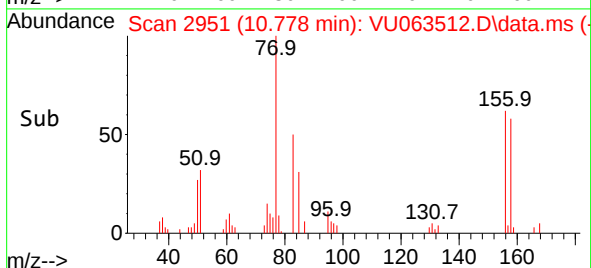
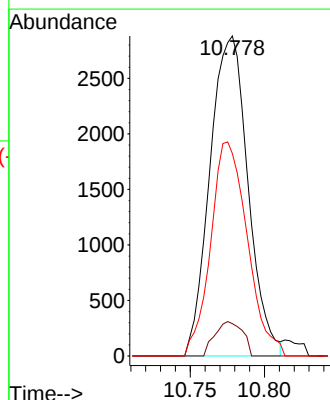
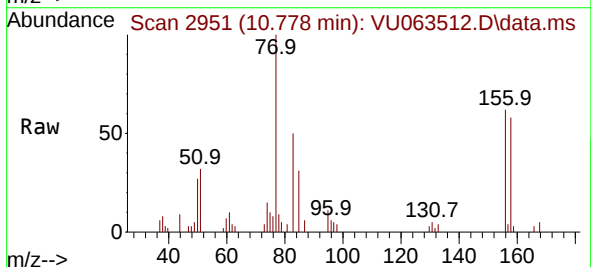
Tgt Ion: 83 Resp: 5141

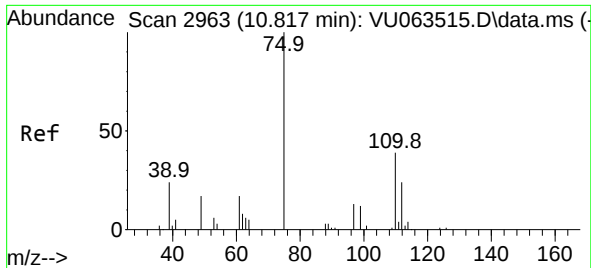
Ion Ratio Lower Upper

83 100

131 7.8 8.4 12.6#

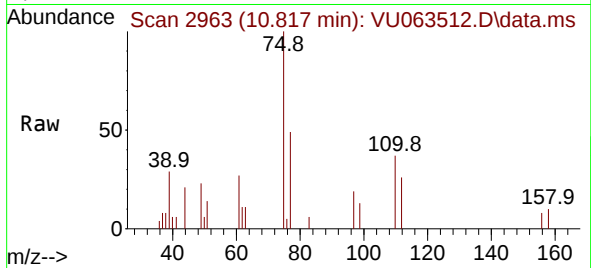
85 64.3 51.9 77.9





#71
1,2,3-Trichloropropane
Concen: 1.034 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

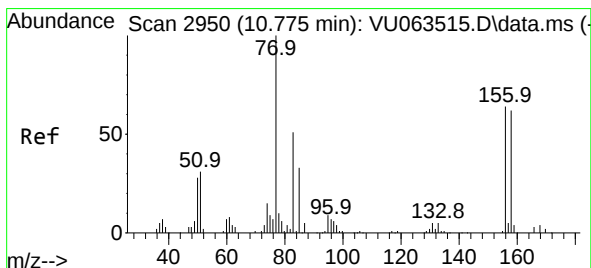
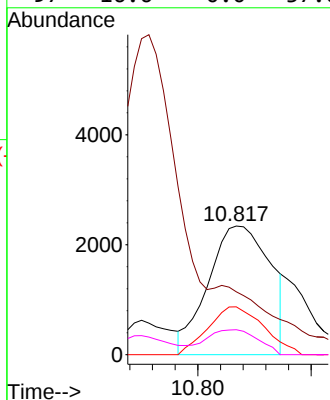
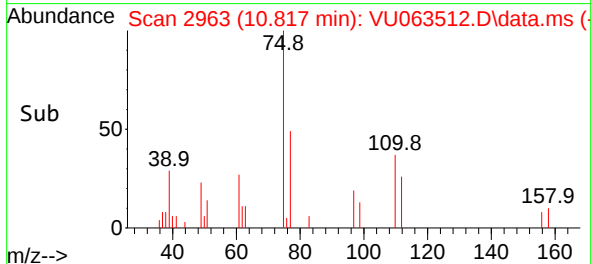
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



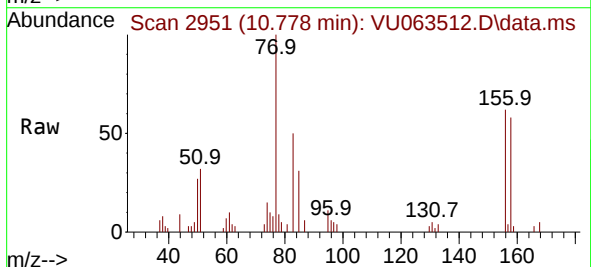
Tgt Ion: 75 Resp: 443
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 33.5 0.0 73.2
97 16.6 0.0 37.6

Manual Integrations
APPROVED

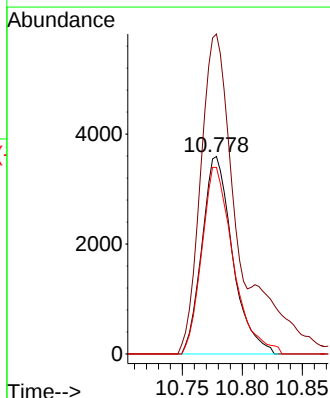
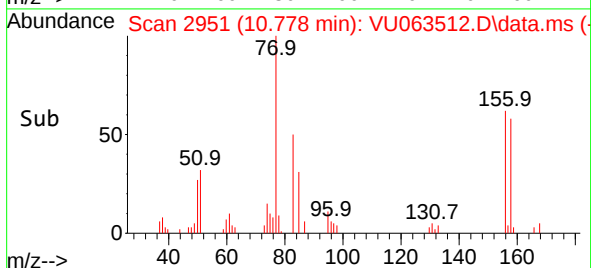
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

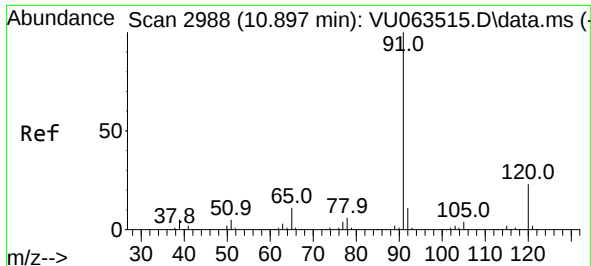


#72
Bromobenzene
Concen: 0.956 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54



Tgt Ion:156 Resp: 6362
Ion Ratio Lower Upper
156 100
77 166.4 0.0 315.2
158 97.5 0.0 195.4





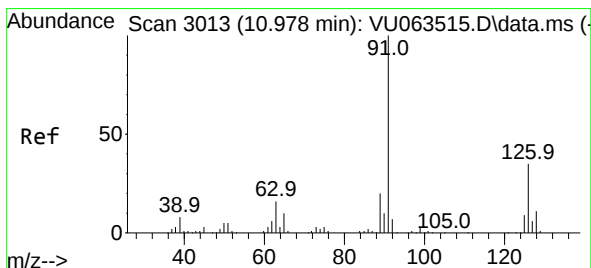
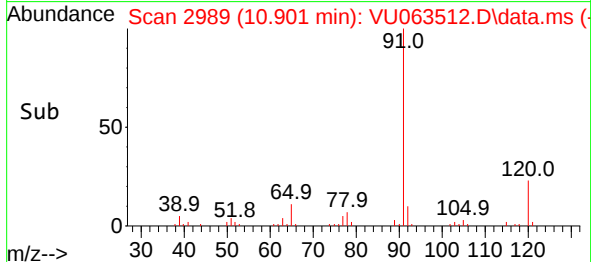
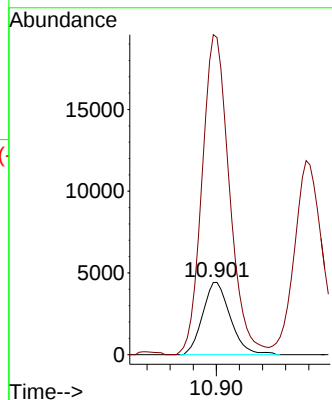
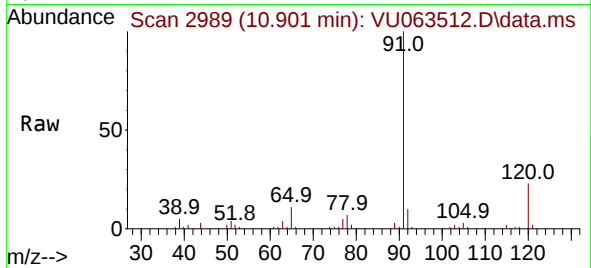
#73
n-propylbenzene
Concen: 0.946 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:120 Resp: 734
Ion Ratio Lower Upper
120 100
91 439.3 343.1 514.7

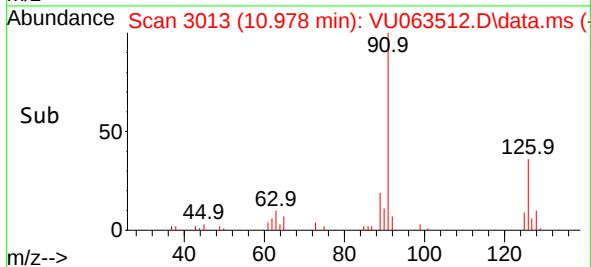
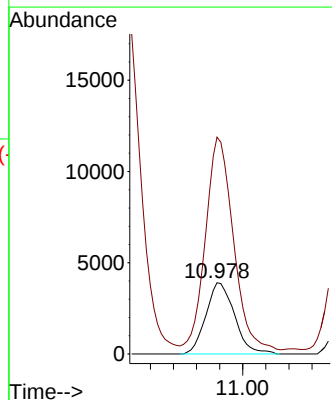
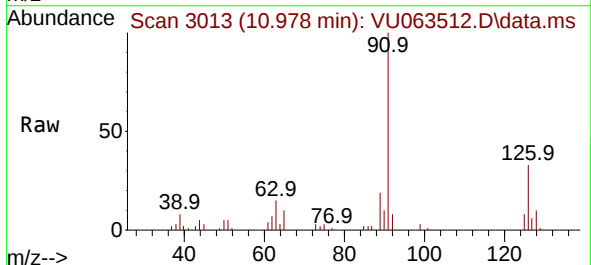
Manual Integrations
APPROVED

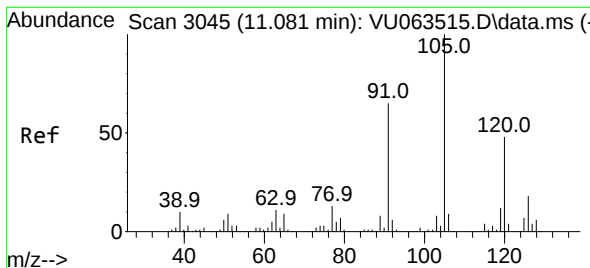
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#74
2-Chlorotoluene
Concen: 0.976 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

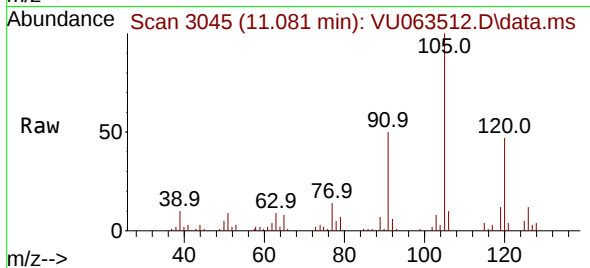
Tgt Ion:126 Resp: 6695
Ion Ratio Lower Upper
126 100
91 293.8 0.0 606.0





#75
1,3,5-Trimethylbenzene
Concen: 0.945 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

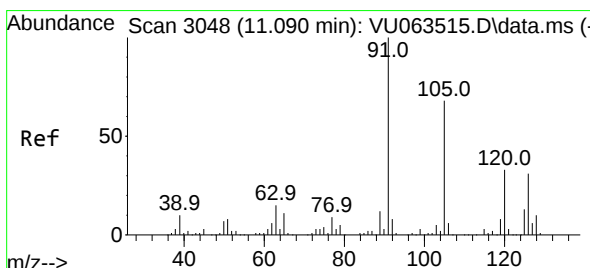
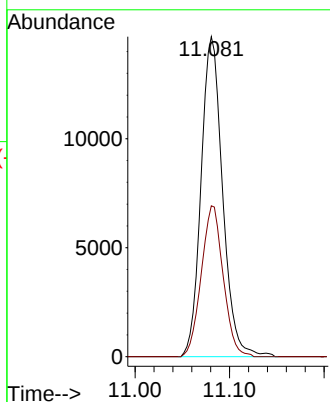
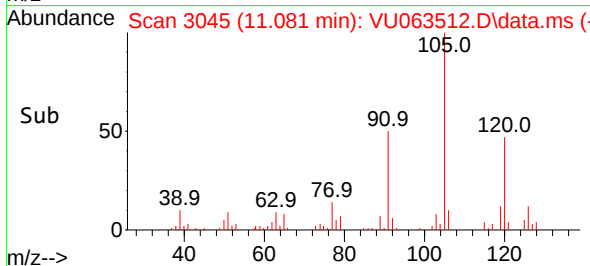
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



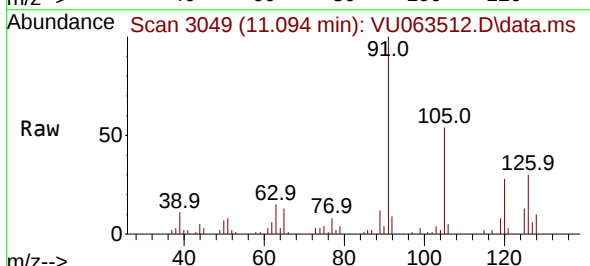
Tgt Ion:105 Resp: 23269
Ion Ratio Lower Upper
105 100
120 47.9 37.8 56.8

Manual Integrations
APPROVED

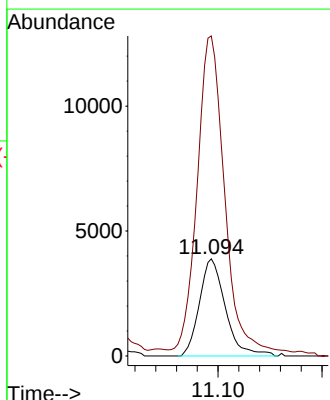
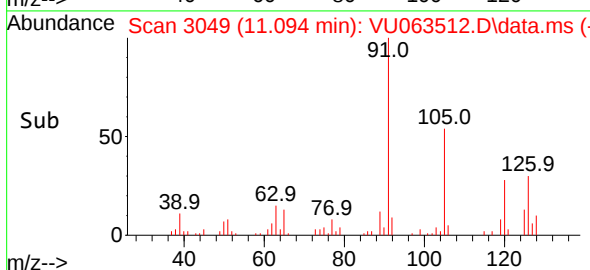
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

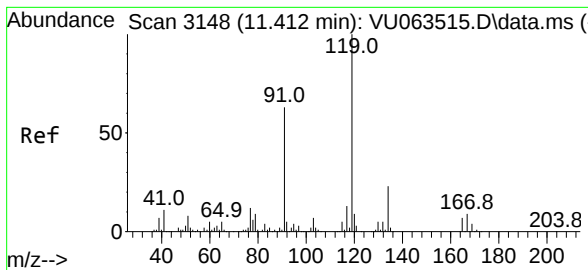


#76
4-Chlorotoluene
Concen: 0.967 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54



Tgt Ion:126 Resp: 6734
Ion Ratio Lower Upper
126 100
91 339.5 0.0 682.2





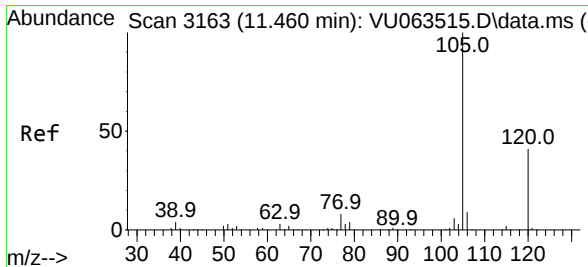
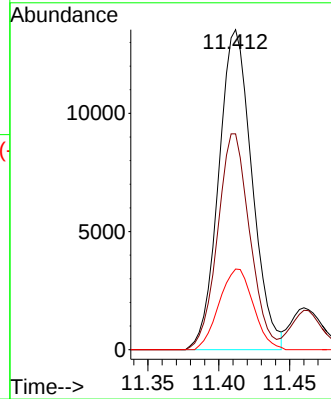
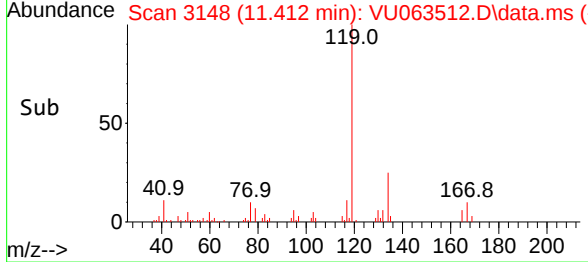
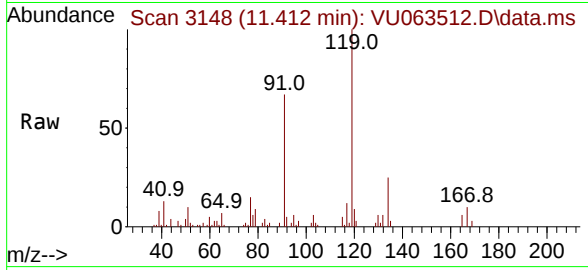
#77
tert-Butylbenzene
Concen: 0.942 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:	119	Resp:	2217
Ion Ratio	Lower	Upper	
119	100		
91	65.0	30.7	92.1
134	25.8	18.5	27.7

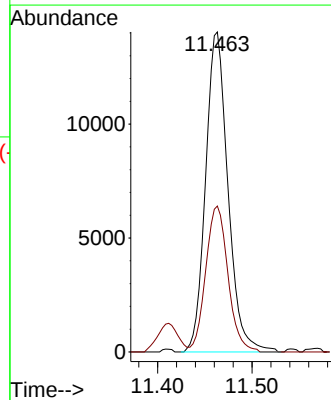
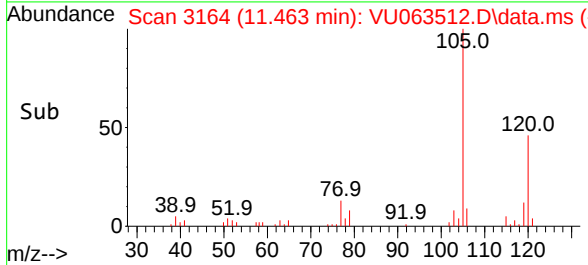
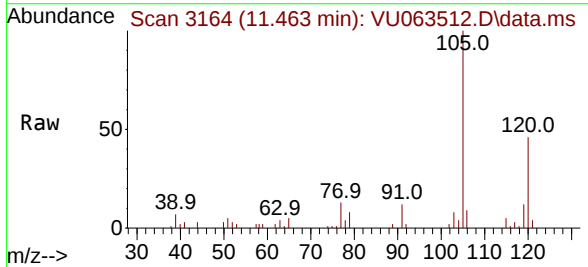
Manual Integrations
APPROVED

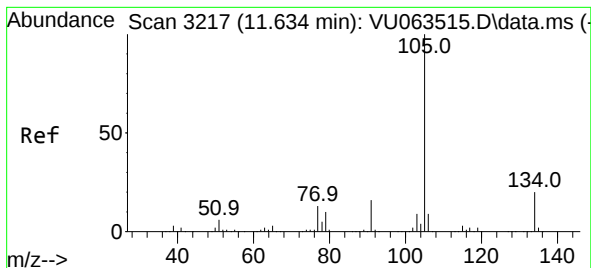
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#78
1,2,4-Trimethylbenzene
Concen: 0.946 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Tgt Ion:	105	Resp:	23102
Ion Ratio	Lower	Upper	
105	100		
120	45.5	22.7	68.0





#79

sec-Butylbenzene

Concen: 0.974 ug/l

RT: 11.637 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063512.D

Acq: 16 Jul 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 30908

Ion Ratio Lower Upper

105 100

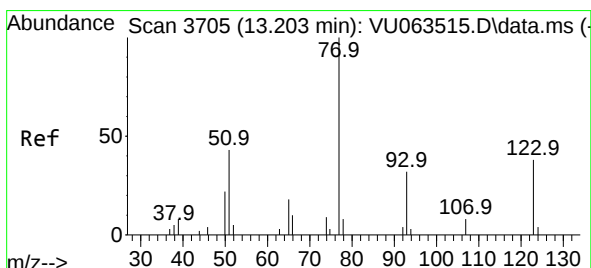
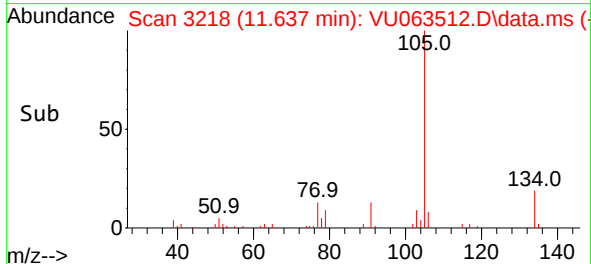
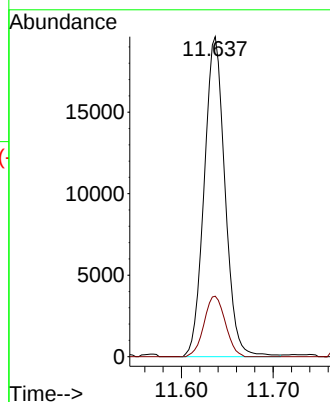
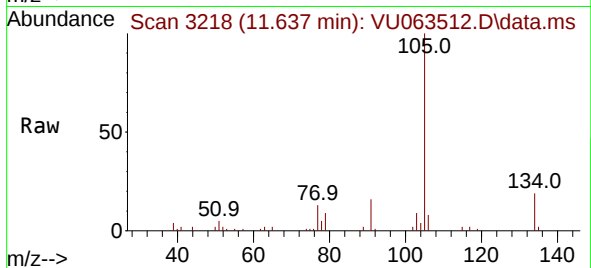
134 19.3 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#80

Nitrobenzene

Concen: 5.705 ug/l m

RT: 13.232 min Scan# 3714

Delta R.T. 0.029 min

Lab File: VU063512.D

Acq: 16 Jul 2025 09:54

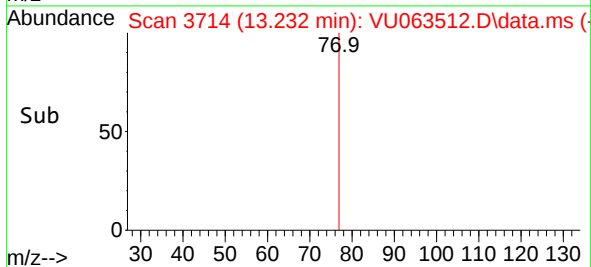
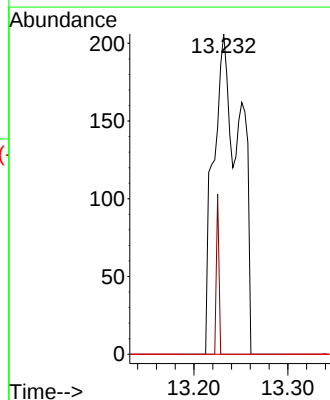
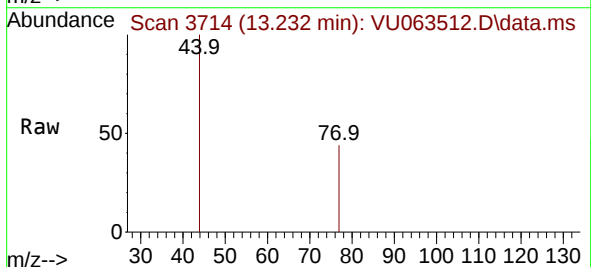
Tgt Ion: 77 Resp: 400

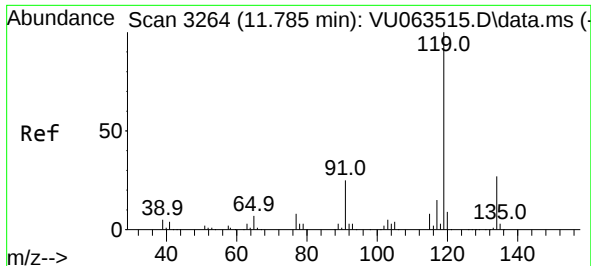
Ion Ratio Lower Upper

77 100

123 5.0 16.9 59.7#

65 0.0 16.5 20.9#





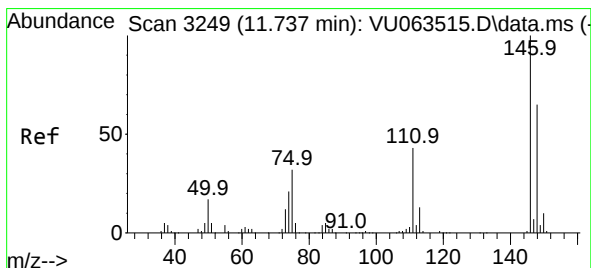
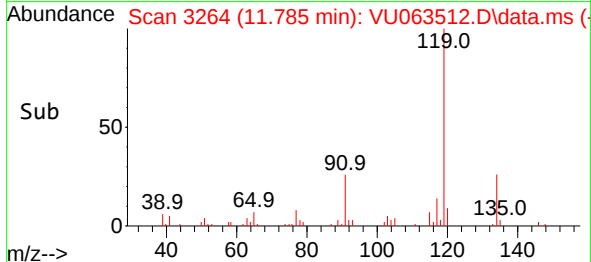
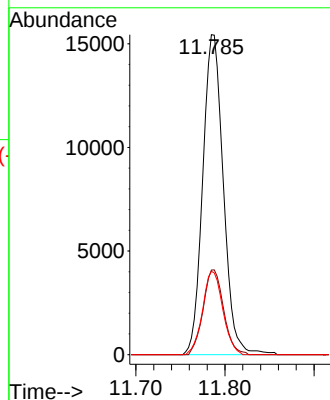
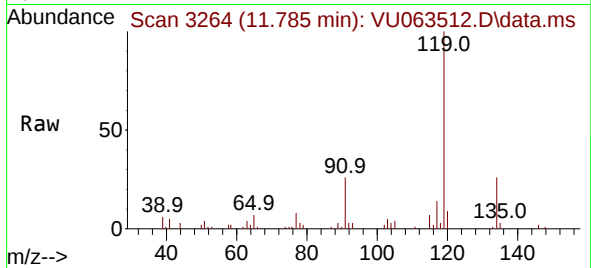
#81
p-Isopropyltoluene
Concen: 0.936 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:119 Resp: 24799
Ion Ratio Lower Upper
119 100
134 26.2 21.1 31.7
91 25.6 19.8 29.8

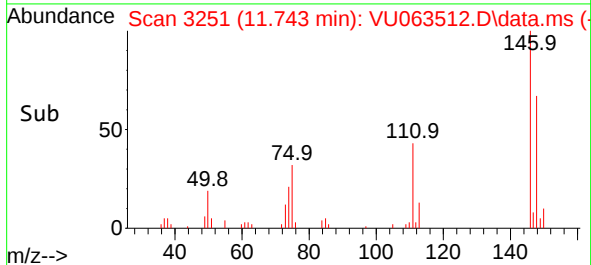
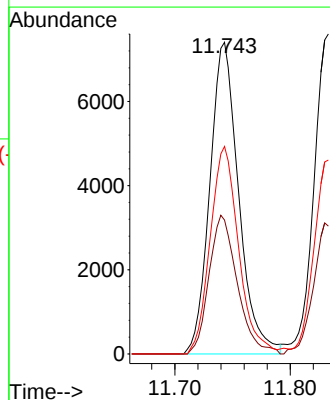
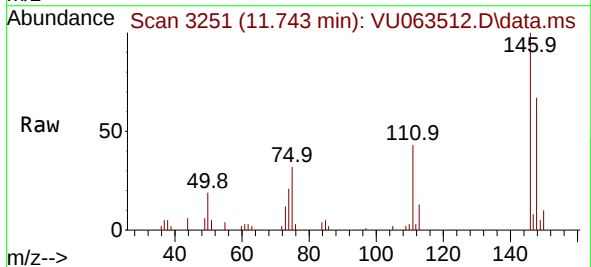
Manual Integrations
APPROVED

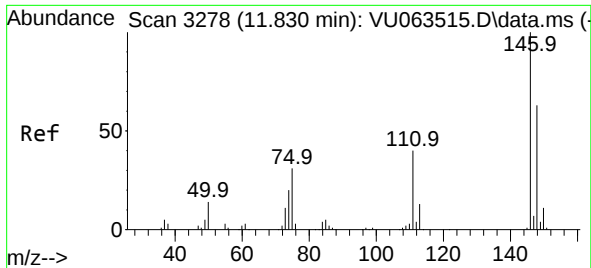
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#82
1,3-Dichlorobenzene
Concen: 0.964 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

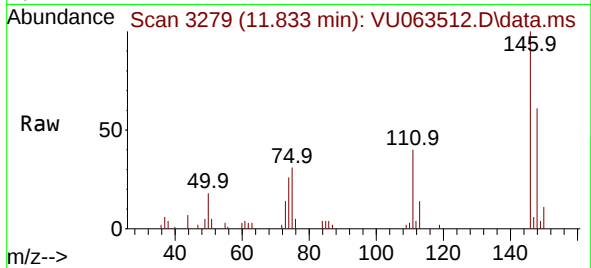
Tgt Ion:146 Resp: 12830
Ion Ratio Lower Upper
146 100
111 43.7 33.8 50.6
148 65.6 51.5 77.3





#83
1,4-Dichlorobenzene
Concen: 0.964 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54

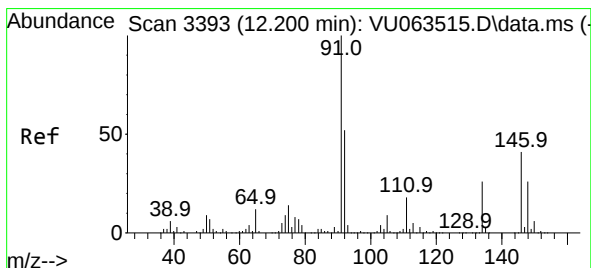
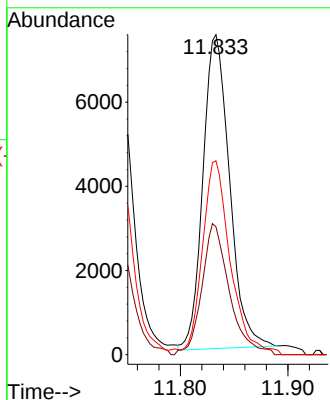
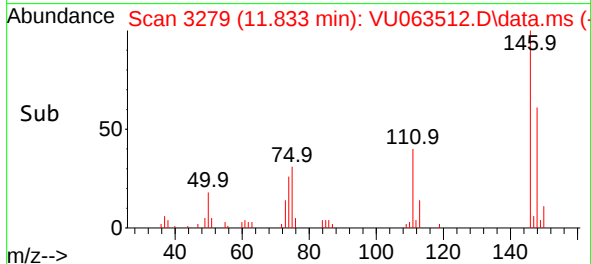
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



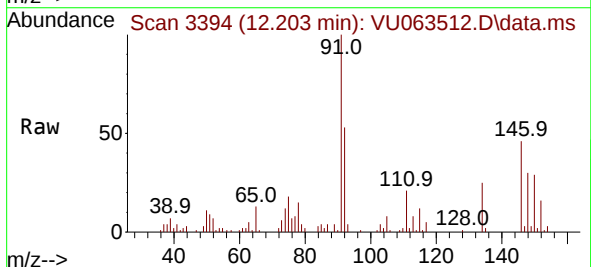
Tgt Ion:146 Resp: 1284
Ion Ratio Lower Upper
146 100
111 42.8 32.0 48.0
148 64.6 50.2 75.2

Manual Integrations
APPROVED

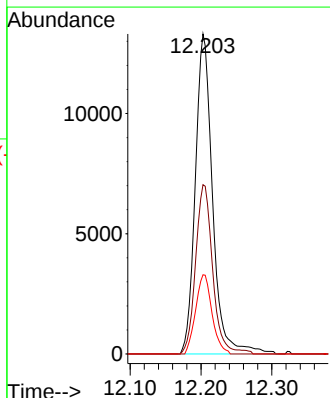
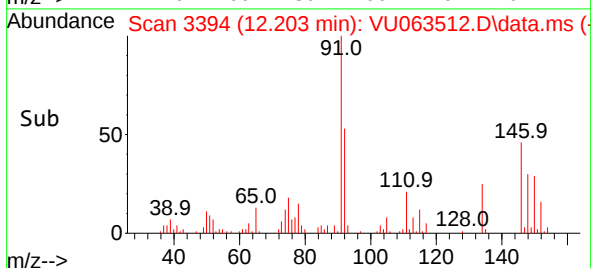
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

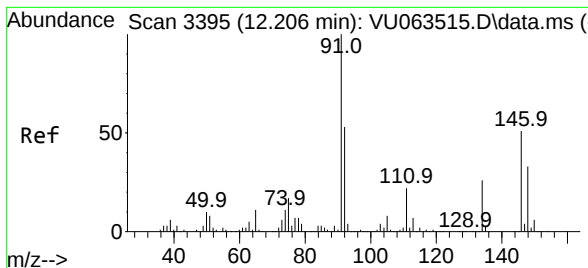


#84
n-Butylbenzene
Concen: 0.917 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063512.D
Acq: 16 Jul 2025 09:54



Tgt Ion: 91 Resp: 22541
Ion Ratio Lower Upper
91 100
92 52.3 41.5 62.3
134 23.4 20.6 30.8





#85

1,2-Dichlorobenzene

Concen: 0.965 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU063512.D

Acq: 16 Jul 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

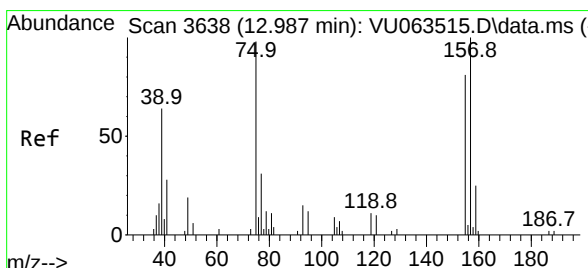
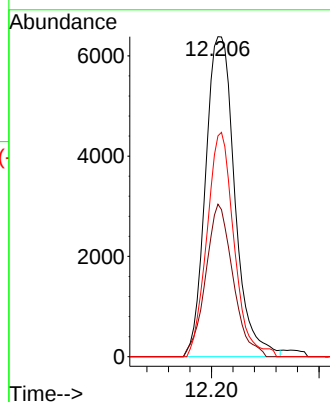
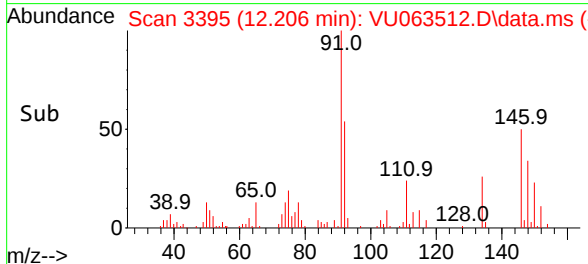
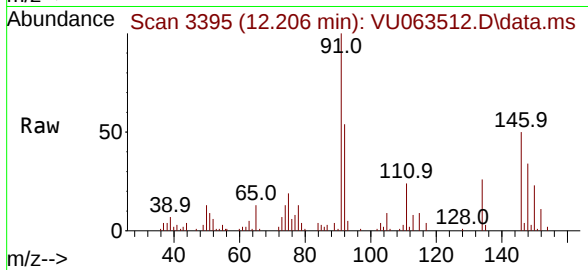
VSTDICC001

Tgt Ion:	146	Resp:	1207
Ion Ratio	Lower	Upper	
146	100		
111	44.3	21.7	65.1
148	64.8	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: 0.991 ug/l

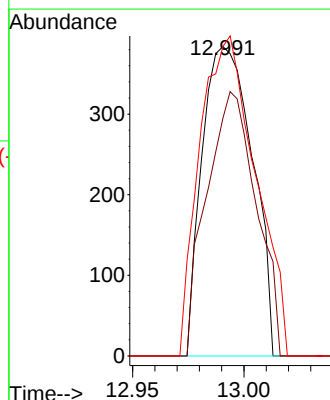
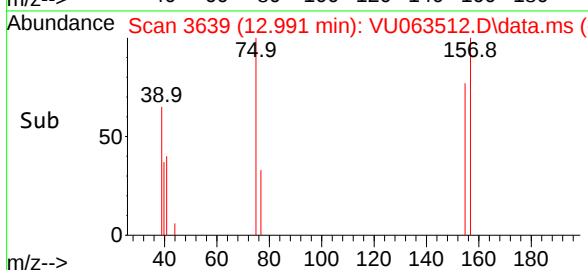
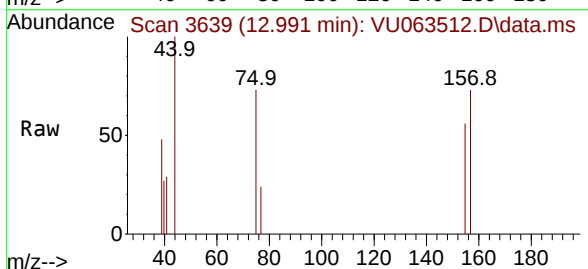
RT: 12.991 min Scan# 3639

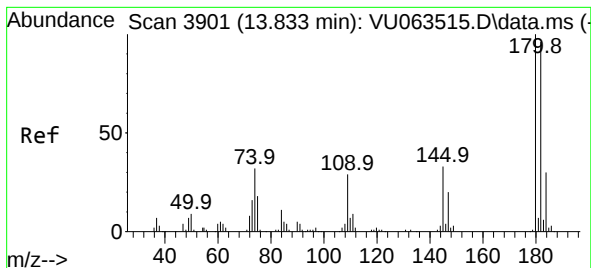
Delta R.T. 0.004 min

Lab File: VU063512.D

Acq: 16 Jul 2025 09:54

Tgt Ion:	75	Resp:	603
Ion Ratio	Lower	Upper	
75	100		
155	84.2	65.8	98.6
157	114.8	81.4	122.2





#87

1,2,4-Trichlorobenzene

Concen: 0.903 ug/l

RT: 13.839 min Scan# 3901

Delta R.T. 0.006 min

Lab File: VU063512.D

Acq: 16 Jul 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

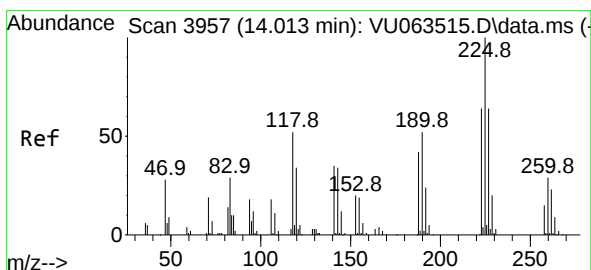
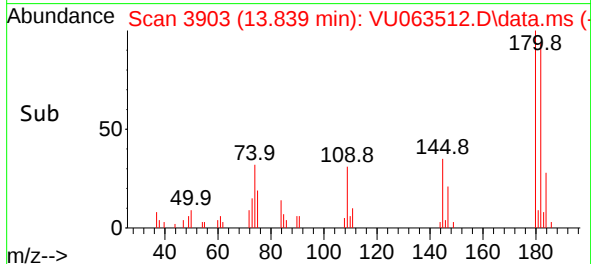
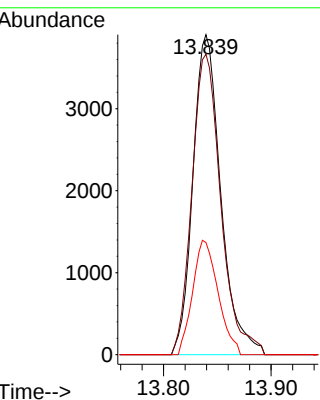
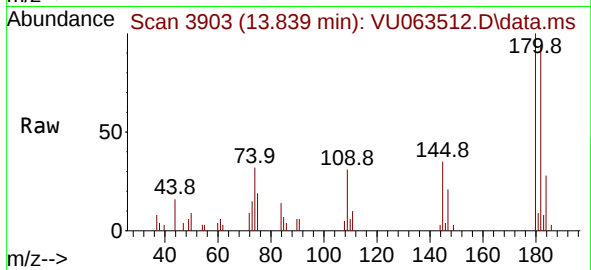
VSTDICC001

Tgt Ion:180	Resp:	7020
Ion Ratio	Lower	Upper
180	100	
182	97.5	76.2 114.4
145	32.6	26.2 39.2

Manual Integrations

APPROVED

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



#88

Hexachlorobutadiene

Concen: 0.938 ug/l

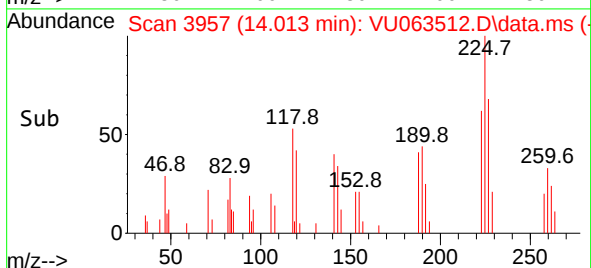
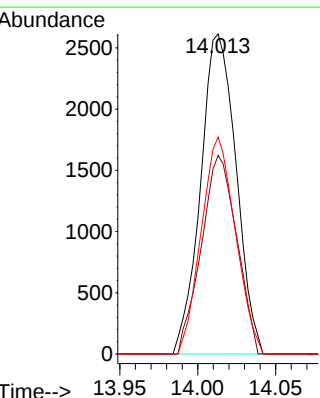
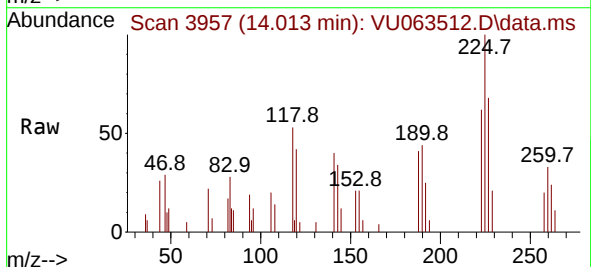
RT: 14.013 min Scan# 3957

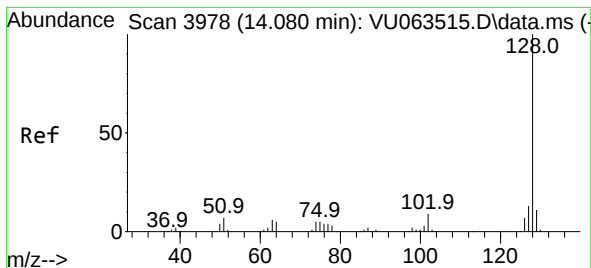
Delta R.T. 0.000 min

Lab File: VU063512.D

Acq: 16 Jul 2025 09:54

Tgt Ion:225	Resp:	4144
Ion Ratio	Lower	Upper
225	100	
223	61.8	50.8 76.2
227	65.3	51.0 76.6





#89

Naphthalene

Concen: 0.859 ug/l

RT: 14.087 min Scan# 3978

Delta R.T. 0.007 min

Lab File: VU063512.D

Acq: 16 Jul 2025 09:54

Instrument :

MSVOA_U

ClientSampleId :

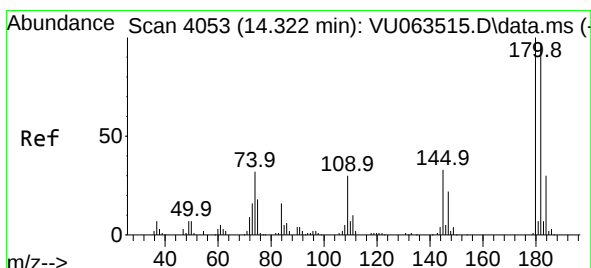
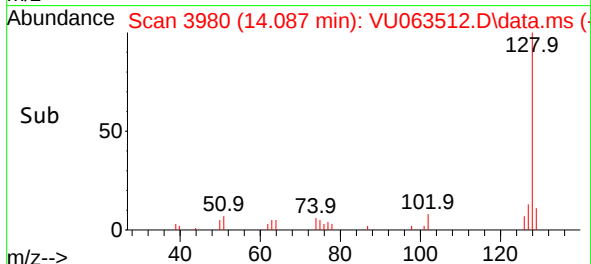
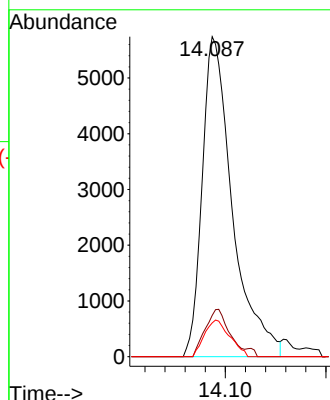
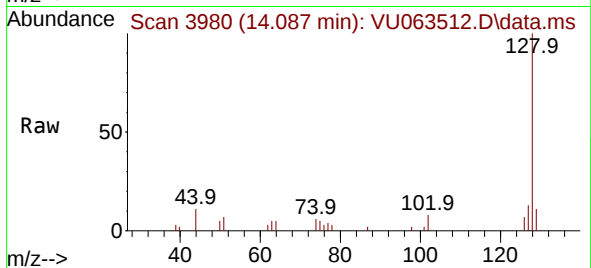
VSTDIC001

Tgt Ion:128	Resp:	1196
Ion Ratio	Lower	Upper
128	100	
127	11.8	10.2 15.4
129	9.6	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: 0.920 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU063512.D

Acq: 16 Jul 2025 09:54

Tgt Ion:180	Resp:	6612
Ion Ratio	Lower	Upper
180	100	
182	97.4	78.0 117.0
145	33.1	27.3 40.9

