

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071625\
 Data File : VU063513.D
 Acq On : 16 Jul 2025 10:27
 Operator : MD/SY
 Sample : VSTDICC002
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 03:23:17 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	24713	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	8919	0.953	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	8064	0.932	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	13901	1.908	ug/l	99
3) Chloromethane	1.515	50	12922	1.908	ug/l	96
4) Vinyl Chloride	1.596	62	16476	1.910	ug/l	95
5) Bromomethane	1.846	94	13182	2.026	ug/l	99
6) Chloroethane	1.924	64	9817	1.885	ug/l	99
7) Trichlorofluoromethane	2.126	101	23274	1.879	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	12436	1.921	ug/l	99
9) 1,1-Dichloroethene	2.567	96	11909	1.856	ug/l	98
10) Iodomethane	2.708	142	11910	2.044	ug/l	99
11) Allyl Chloride	2.908	41	19248	2.077	ug/l	94
12) Acrylonitrile	3.306	53	6375m	3.971	ug/l	
13) Acetone	2.618	43	12988	10.102	ug/l	99
14) Carbon Disulfide	2.776	76	38838	1.874	ug/l	97
15) Methylene Chloride	3.030	84	14190	1.878	ug/l	97
16) trans-1,2-Dichloroethene	3.335	96	13749	1.887	ug/l	99
17) 1,1-Dichloroethane	3.846	63	25721	1.904	ug/l	99
18) 2-Butanone	4.715	43	19497	9.792	ug/l	98
19) Cyclohexane	5.358	56	21512	1.881	ug/l	98
20) Methylcyclohexane	6.743	83	19848	1.786	ug/l	97
21) 2,2-Dichloropropane	4.644	77	22099	1.922	ug/l	98
22) cis-1,2-Dichloroethene	4.647	96	14739	1.864	ug/l	98
23) Diethyl Ether	2.367	59	9590	1.962	ug/l	97
24) tert-Butyl Alcohol	3.190	59	11035	18.698	ug/l #	93
25) Methyl tert-Butyl Ether	3.361	73	31927	1.906	ug/l	98
26) Bromochloromethane	4.956	128	6299	1.908	ug/l	95
27) Chloroform	5.071	83	26561	1.927	ug/l	99
28) 1,1,1-Trichloroethane	5.293	97	22170	1.895	ug/l	99
29) 1,1-Dichloropropene	5.502	75	21342	1.970	ug/l	95
30) Carbon Tetrachloride	5.499	117	17885	1.900	ug/l	93
31) Isopropyl Ether	3.988	45	39017	1.914	ug/l	99
32) Ethyl-t-butyl ether	4.502	59	36341	1.926	ug/l	100
33) Tert-Amyl methyl ether	5.943	73	32364	1.977	ug/l	99
34) Propionitrile	4.772	54	5922	9.762	ug/l	98
35) Benzene	5.753	78	57563	1.977	ug/l	100
36) 1,2-Dichloroethane	5.782	62	17934	1.982	ug/l	100
37) Trichloroethene	6.528	130	13293	1.790	ug/l	97
38) 1,2-Dichloropropane	6.782	63	12386	1.818	ug/l	97
39) Methacrylonitrile	4.968	41	5277	1.982	ug/l	93
40) Methyl acrylate	4.846	55	6918	1.755	ug/l	96
41) Tetrahydrofuran	5.065	42	5330	3.757	ug/l	96
42) 1-Chlorobutane	5.438	56	27320	1.896	ug/l	100
43) Dibromomethane	6.907	93	6494	1.840	ug/l	94
44) Bromodichloromethane	7.097	83	14822	1.862	ug/l #	94

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 ALS Vial : 5 Sample Multiplier: 1

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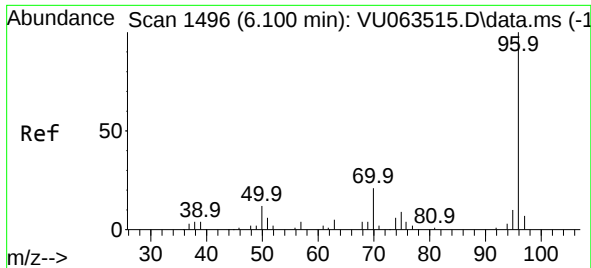
Manual Integrations
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Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 03:23:17 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

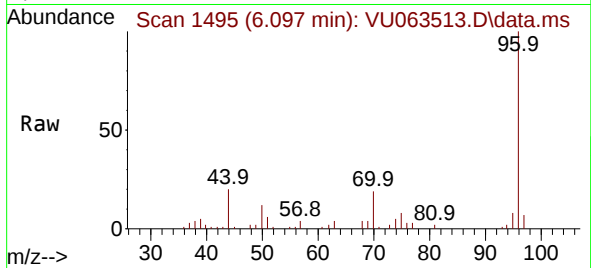
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	33590	9.233	ug/l	100
46) t-1,4-Dichloro-2-butene	10.824	75	4957m	3.841	ug/l	
47) Methyl methacrylate	6.968	69	10710	3.613	ug/l	96
48) Ethyl methacrylate	8.335	69	10760	1.902	ug/l	97
49) Toluene	7.959	92	29457	1.853	ug/l	97
50) t-1,3-Dichloropropene	8.206	75	11035	1.767	ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	14409	1.719	ug/l	99
52) 1,1,2-Trichloroethane	8.393	97	8889	1.871	ug/l	98
53) 1,3-Dichloropropane	8.570	76	15693	1.913	ug/l	99
54) 2-Hexanone	8.692	43	21569	8.926	ug/l	98
55) Dibromochloromethane	8.801	129	9158	1.824	ug/l	99
56) 1,2-Dibromoethane	8.920	107	7956	1.871	ug/l	99
58) Tetrachloroethene	8.541	164	13165	1.936	ug/l	95
59) Chlorobenzene	9.441	112	33922	1.858	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.525	131	10771	1.835	ug/l	98
61) Pentachloroethane	11.418	117	7292	1.758	ug/l	93
62) Hexachloroethane	12.467	117	7073	1.722	ug/l	93
63) Ethyl Benzene	9.563	91	58862	1.874	ug/l	100
64) m/p-Xylenes	9.685	106	45864	3.756	ug/l	97
65) o-Xylene	10.094	106	21340	1.819	ug/l	98
66) Styrene	10.110	104	34112	1.824	ug/l	96
67) Bromoform	10.283	173	4536	1.759	ug/l #	92
69) Isopropylbenzene	10.476	105	52260	1.842	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	10710	1.852	ug/l	97
71) 1,2,3-Trichloropropane	10.817	75	8980m	1.903	ug/l	
72) Bromobenzene	10.775	156	13109	1.791	ug/l	79
73) n-propylbenzene	10.901	120	15950	1.868	ug/l	98
74) 2-Chlorotoluene	10.978	126	14070	1.864	ug/l	98
75) 1,3,5-Trimethylbenzene	11.081	105	50061	1.847	ug/l	98
76) 4-Chlorotoluene	11.094	126	14644	1.911	ug/l	91
77) tert-Butylbenzene	11.412	119	48176	1.860	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	49637	1.846	ug/l	99
79) sec-Butylbenzene	11.634	105	64443	1.845	ug/l	98
80) Nitrobenzene	13.219	77	861	9.644	ug/l #	78
81) p-Isopropyltoluene	11.785	119	53922	1.850	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	26844	1.833	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	26650	1.818	ug/l	98
84) n-Butylbenzene	12.203	91	48694	1.801	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	24834	1.805	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.994	75	1550	2.046	ug/l	91
87) 1,2,4-Trichlorobenzene	13.836	180	15327	1.791	ug/l	97
88) Hexachlorobutadiene	14.013	225	8872	1.826	ug/l	98
89) Naphthalene	14.087	128	25691	1.675	ug/l	98
90) 1,2,3-Trichlorobenzene	14.325	180	13999	1.770	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 1496
Delta R.T. -0.003 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

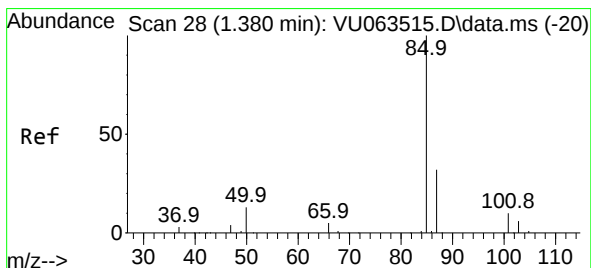
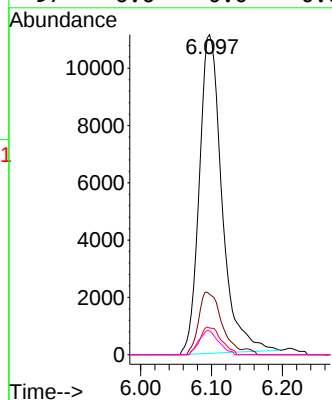
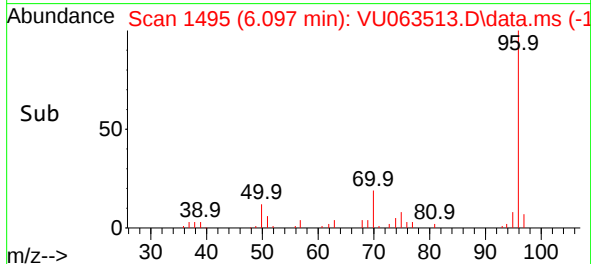
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 96 Resp: 2471
Ion Ratio Lower Upper
96 100
70 18.2 15.0 22.4
95 8.2 7.4 11.0
97 6.6 0.0 0.0#

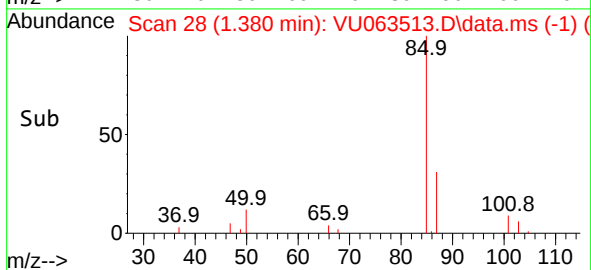
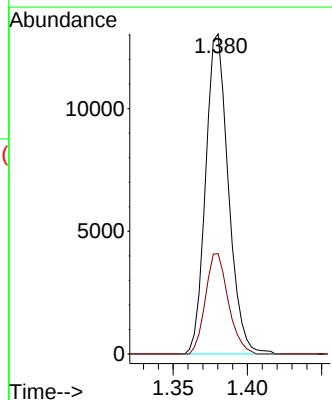
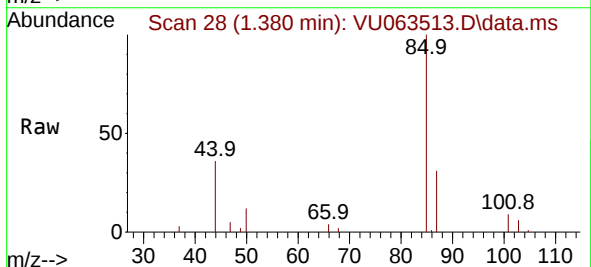
Manual Integrations
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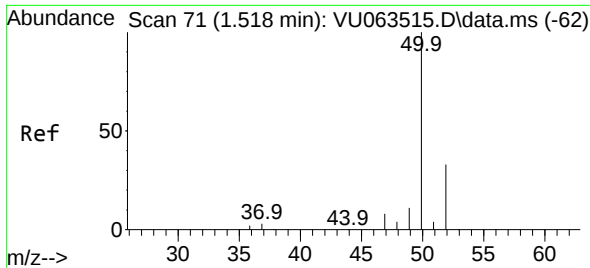
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#2
Dichlorodifluoromethane
Concen: 1.908 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Tgt Ion: 85 Resp: 13901
Ion Ratio Lower Upper
85 100
87 31.3 16.0 47.9





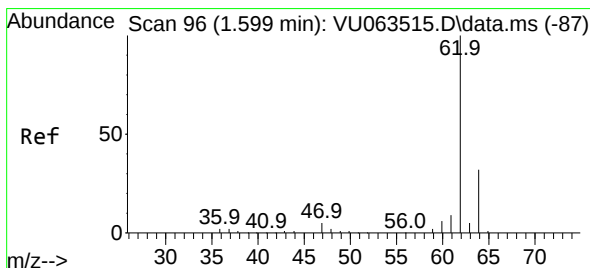
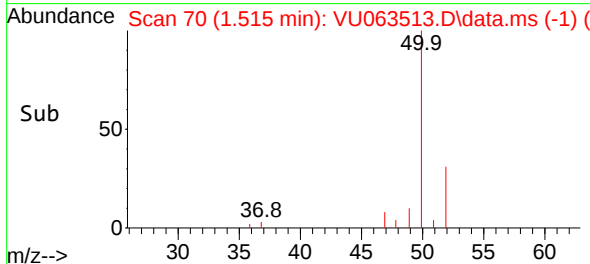
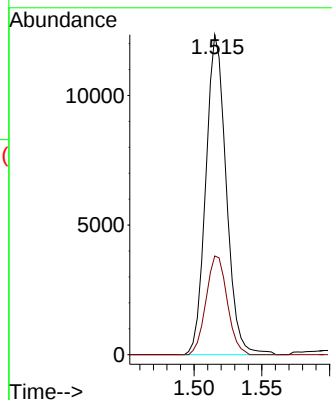
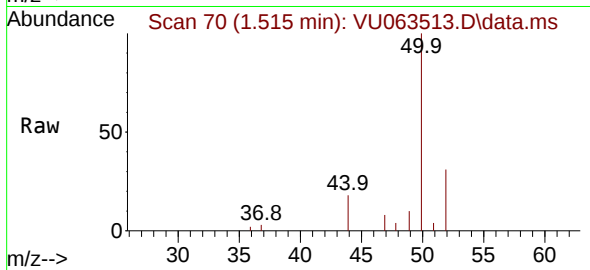
#3
Chloromethane
Concen: 1.908 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 50 Resp: 1292
Ion Ratio Lower Upper
50 100
52 30.8 26.3 39.5

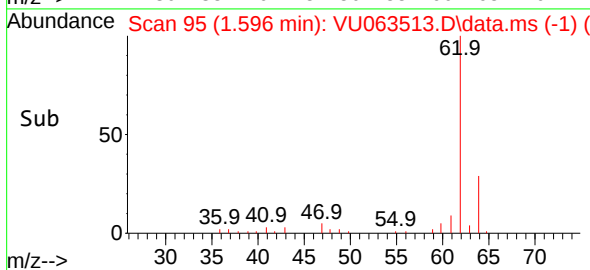
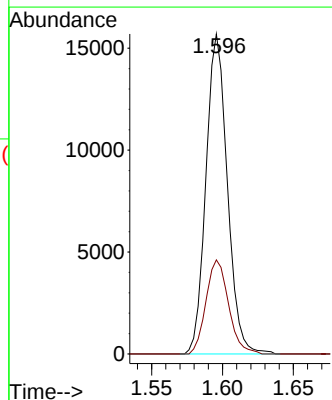
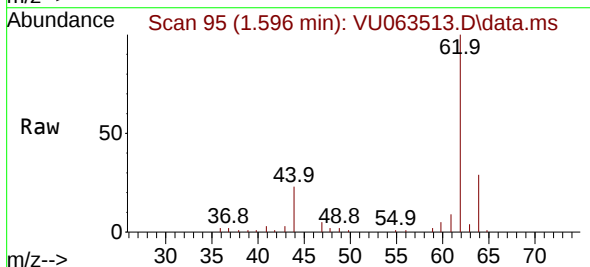
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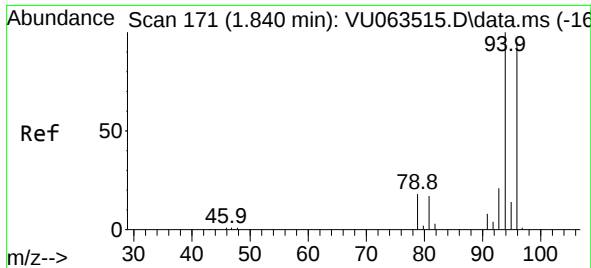
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#4
Vinyl Chloride
Concen: 1.910 ug/l
RT: 1.596 min Scan# 95
Delta R.T. -0.003 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Tgt Ion: 62 Resp: 16476
Ion Ratio Lower Upper
62 100
64 29.4 25.7 38.5





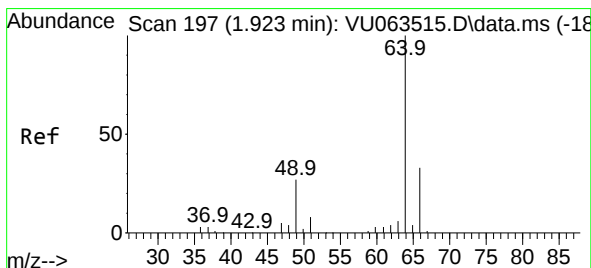
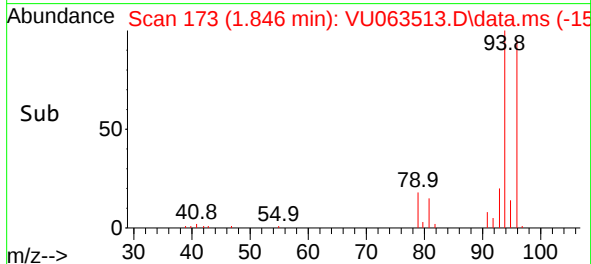
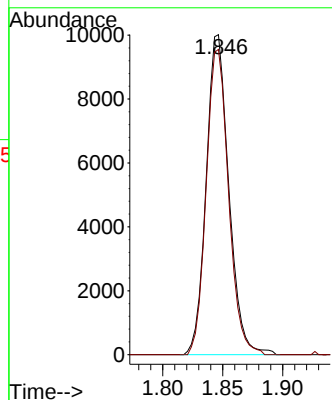
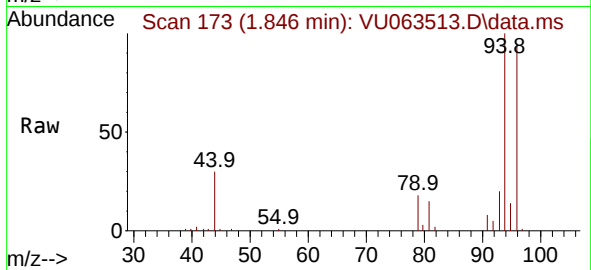
#5
Bromomethane
Concen: 2.026 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 94 Resp: 1318
Ion Ratio Lower Upper
94 100
96 95.4 75.8 113.6

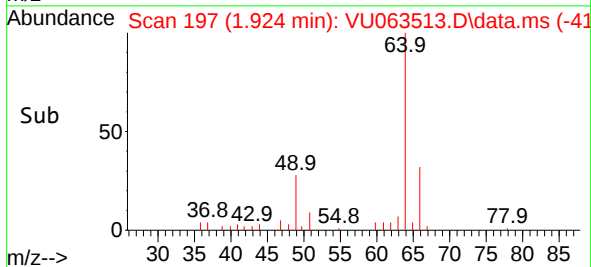
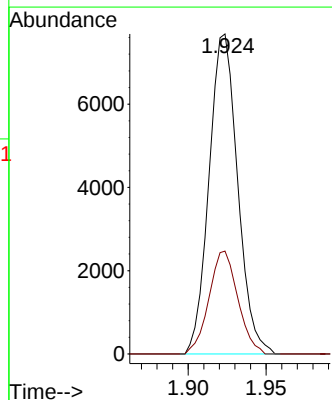
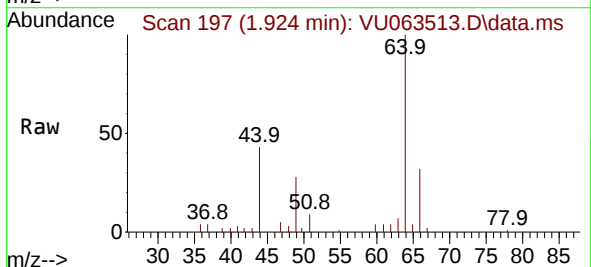
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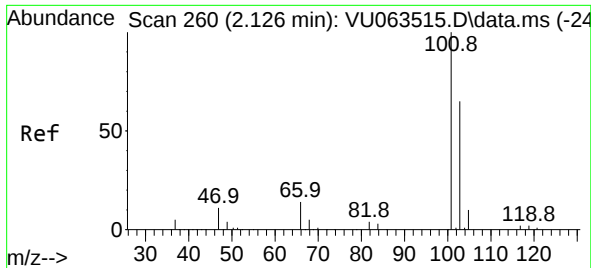
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#6
Chloroethane
Concen: 1.885 ug/l
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

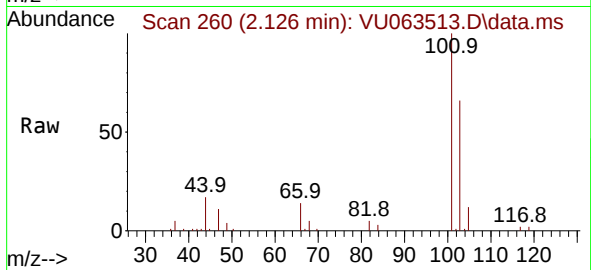
Tgt Ion: 64 Resp: 9817
Ion Ratio Lower Upper
64 100
66 32.2 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 1.879 ug/l
 RT: 2.126 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VU063513.D
 Acq: 16 Jul 2025 10:27

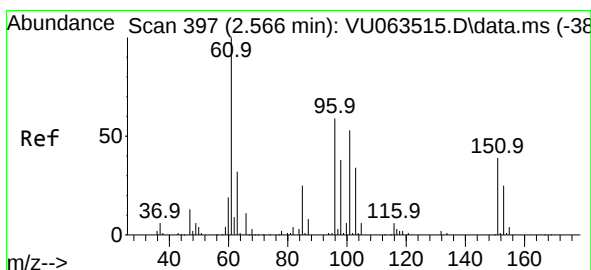
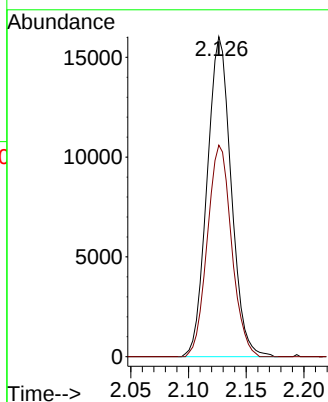
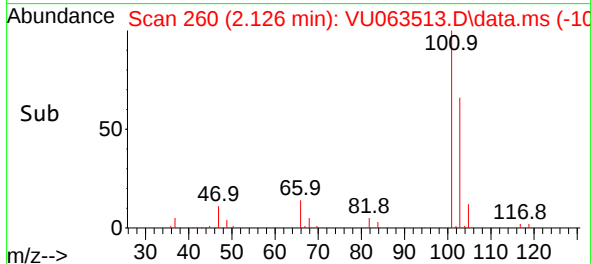
Instrument :
 MSVOA_U
 ClientSampleId :
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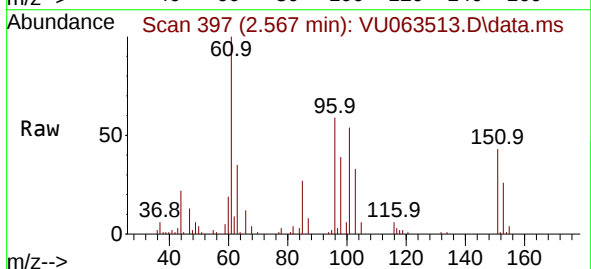
Tgt Ion:101 Resp: 23274
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.2 78.4

Manual Integrations
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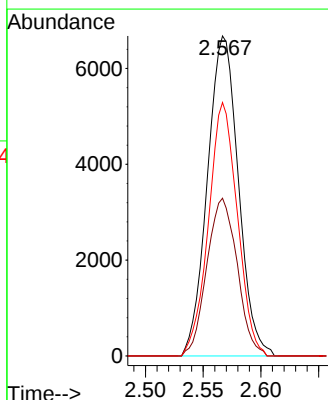
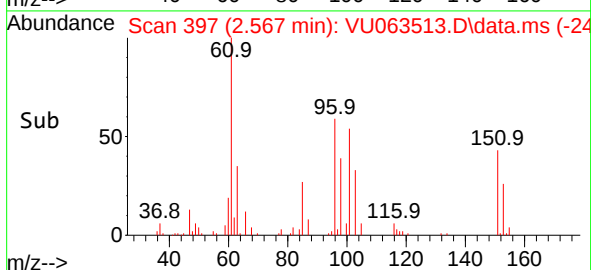
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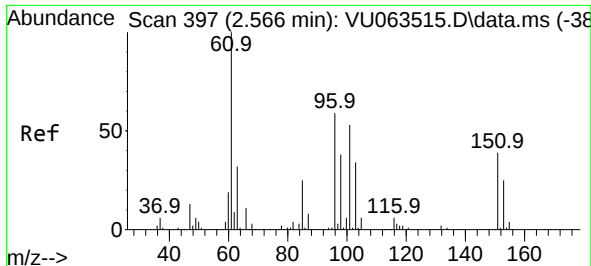


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.921 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VU063513.D
 Acq: 16 Jul 2025 10:27



Tgt Ion:101 Resp: 12436
 Ion Ratio Lower Upper
 101 100
 85 48.4 37.8 56.6
 151 74.0 59.2 88.8





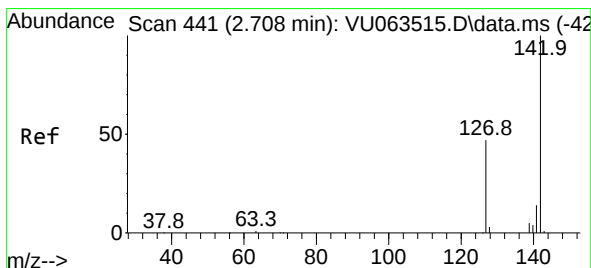
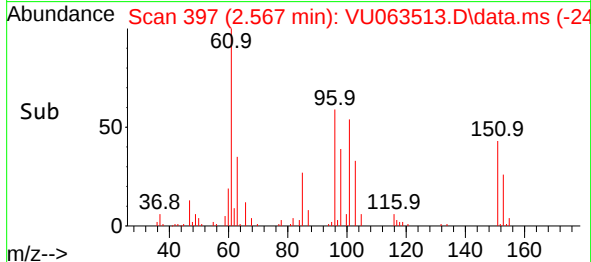
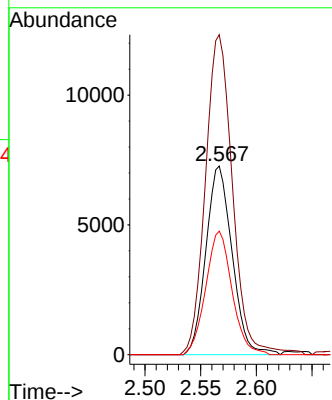
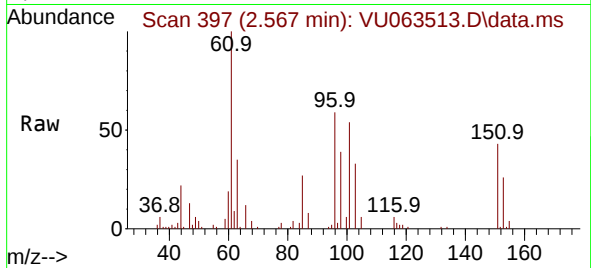
#9
1,1-Dichloroethene
Concen: 1.856 ug/l
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 96 Resp: 11909
Ion Ratio Lower Upper
96 100
61 169.6 0.0 504.3
98 65.5 0.0 126.8

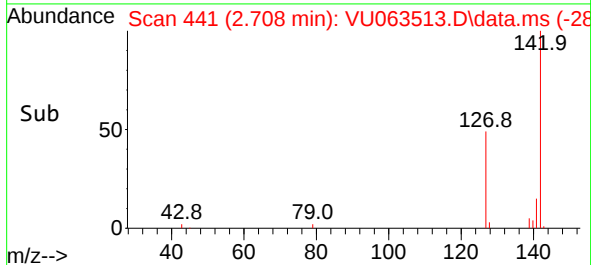
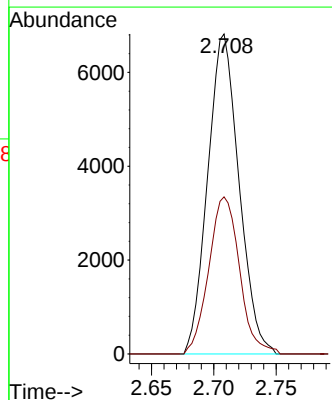
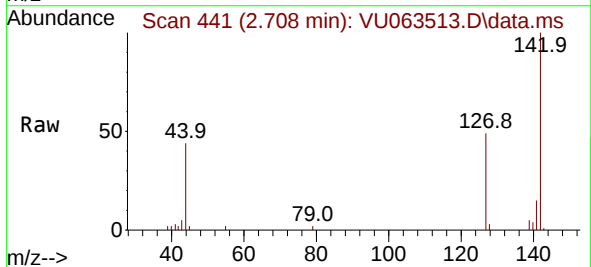
Manual Integrations
APPROVED

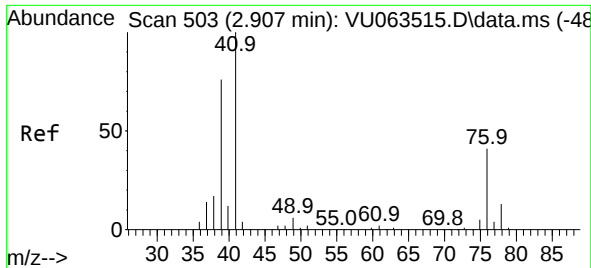
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#10
Iodomethane
Concen: 2.044 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

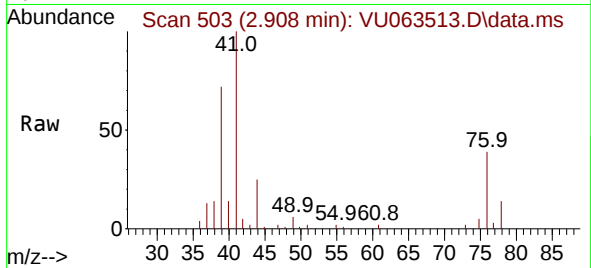
Tgt Ion:142 Resp: 11910
Ion Ratio Lower Upper
142 100
127 48.3 37.9 56.9





#11
 Allyl Chloride
 Concen: 2.077 ug/l
 RT: 2.908 min Scan# 503
 Delta R.T. 0.000 min
 Lab File: VU063513.D
 Acq: 16 Jul 2025 10:27

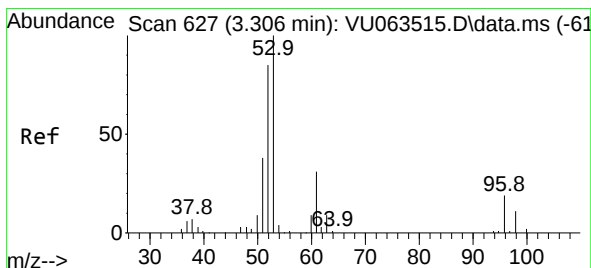
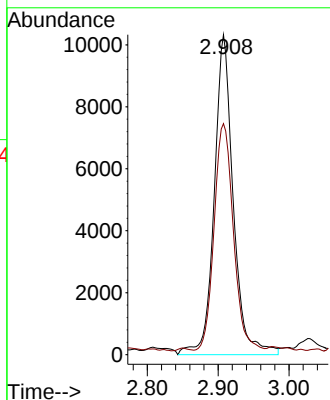
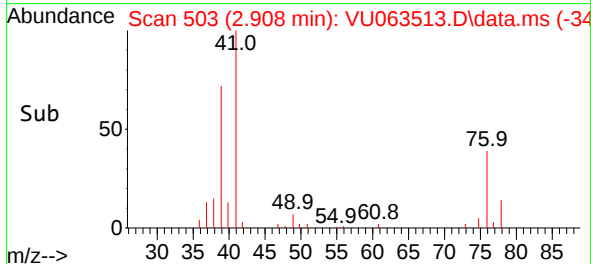
Instrument :
 MSVOA_U
 Client Sample Id :
 VSTDIC002



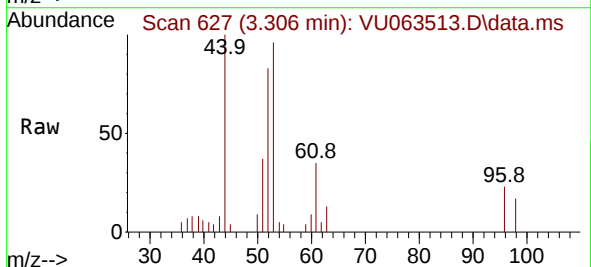
Tgt Ion: 41 Resp: 19248
 Ion Ratio Lower Upper
 41 100
 39 71.6 61.5 92.3

Manual Integrations
 APPROVED

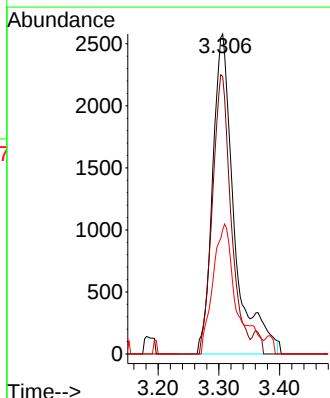
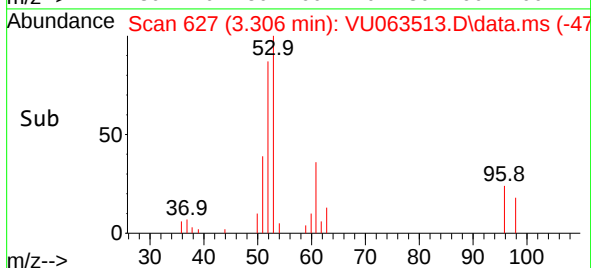
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

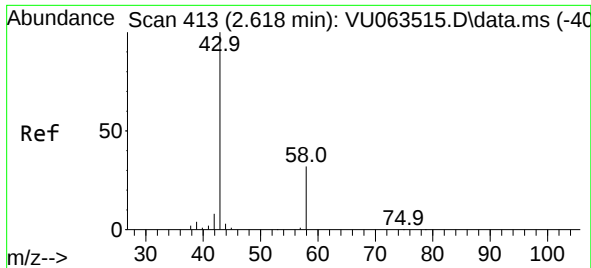


#12
 Acrylonitrile
 Concen: 3.971 ug/l m
 RT: 3.306 min Scan# 627
 Delta R.T. 0.000 min
 Lab File: VU063513.D
 Acq: 16 Jul 2025 10:27



Tgt Ion: 53 Resp: 6375
 Ion Ratio Lower Upper
 53 100
 52 74.6 64.3 96.5
 51 44.0 27.8 41.8#





#13

Acetone

Concen: 10.102 ug/l

RT: 2.618 min Scan# 413

Delta R.T. 0.000 min

Lab File: VU063513.D

Acq: 16 Jul 2025 10:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 43 Resp: 1298

Ion Ratio Lower Upper

43 100

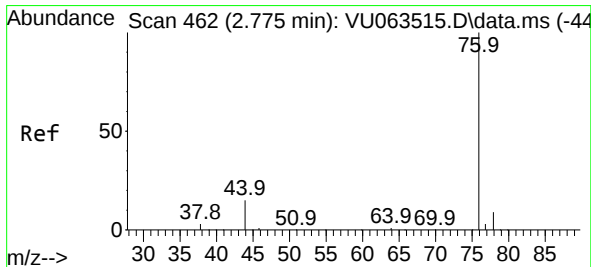
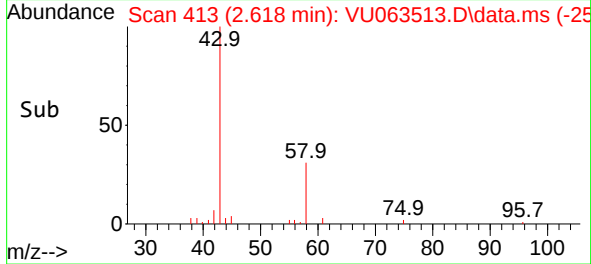
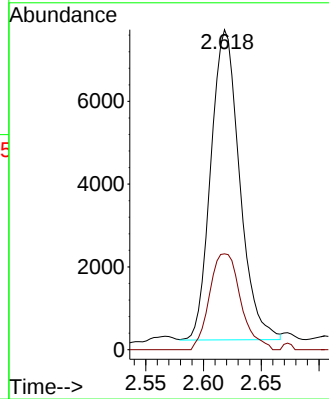
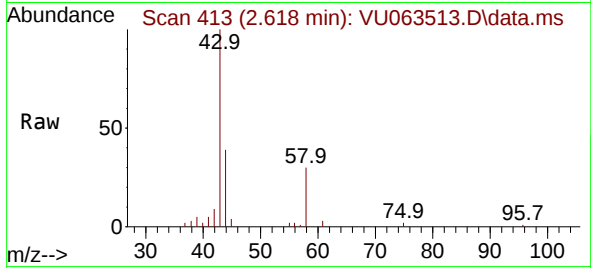
58 30.9 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#14

Carbon Disulfide

Concen: 1.874 ug/l

RT: 2.776 min Scan# 462

Delta R.T. 0.000 min

Lab File: VU063513.D

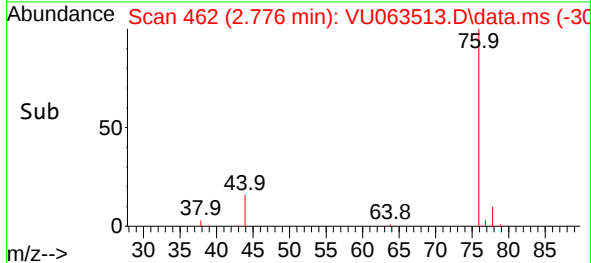
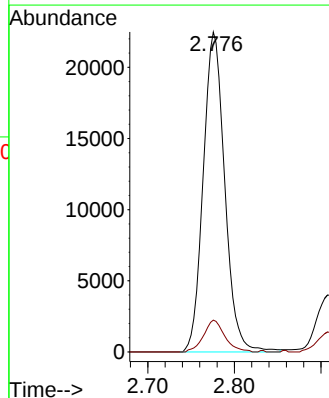
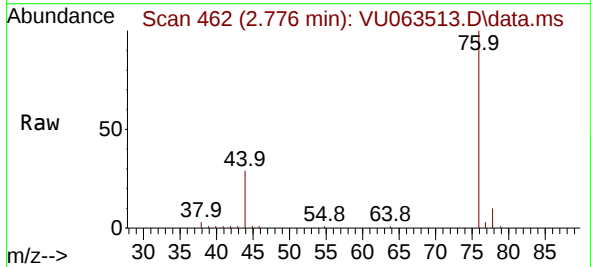
Acq: 16 Jul 2025 10:27

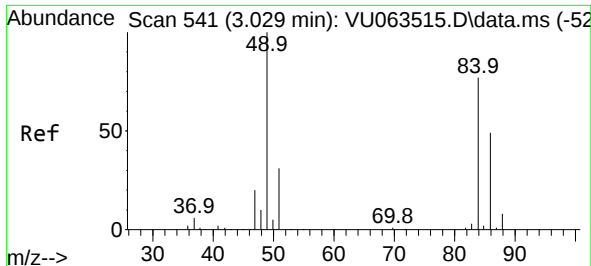
Tgt Ion: 76 Resp: 38838

Ion Ratio Lower Upper

76 100

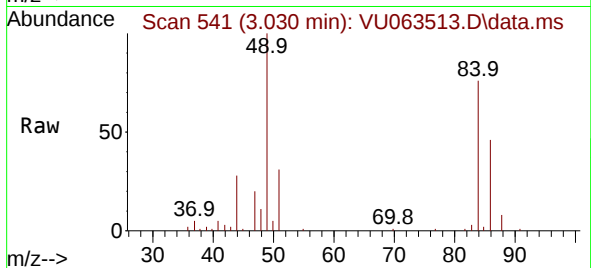
78 10.0 7.0 10.6





#15
Methylene Chloride
Concen: 1.878 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

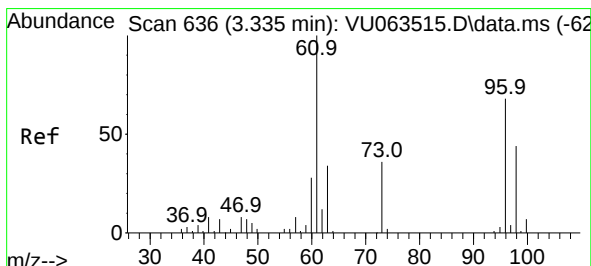
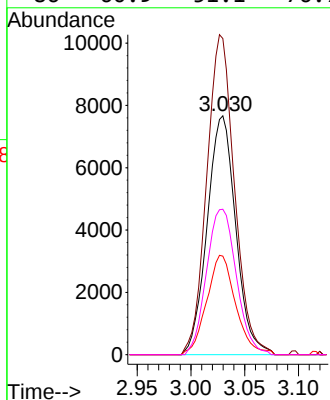
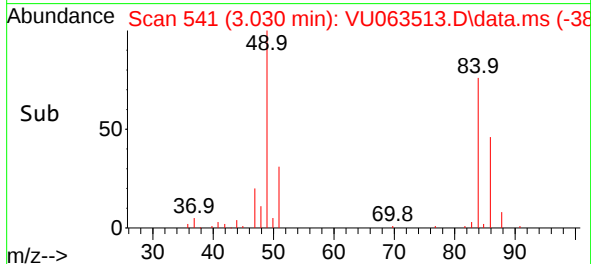
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



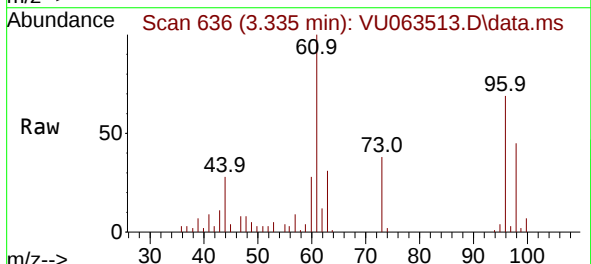
Tgt Ion: 84 Resp: 14190
Ion Ratio Lower Upper
84 100
49 132.3 103.8 155.8
51 41.2 0.0 80.4
86 60.9 51.1 76.7

Manual Integrations
APPROVED

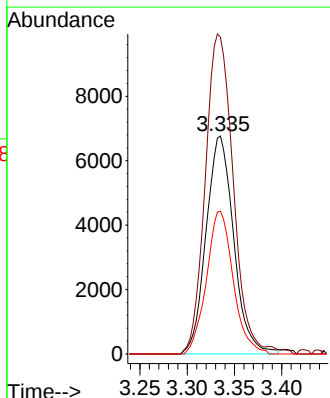
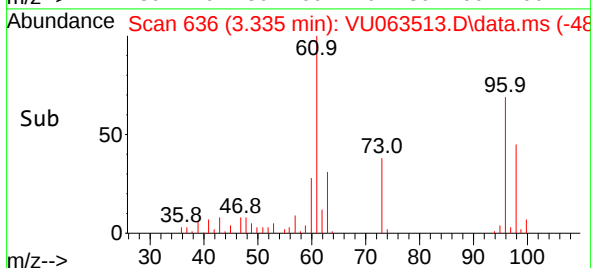
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

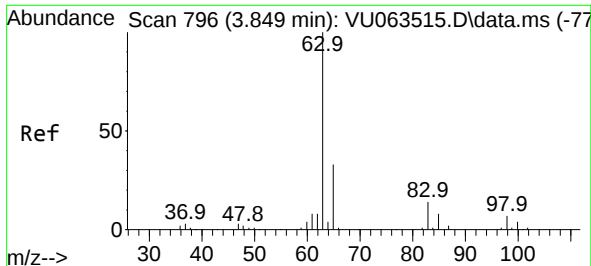


#16
trans-1,2-Dichloroethene
Concen: 1.887 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27



Tgt Ion: 96 Resp: 13749
Ion Ratio Lower Upper
96 100
61 145.4 117.2 175.8
98 65.5 51.4 77.2





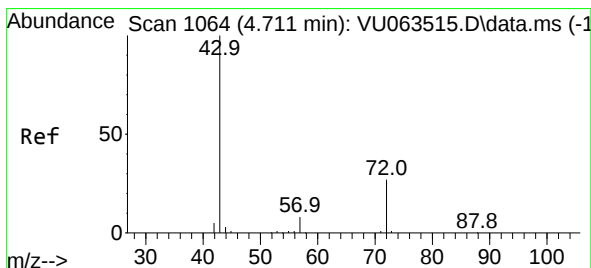
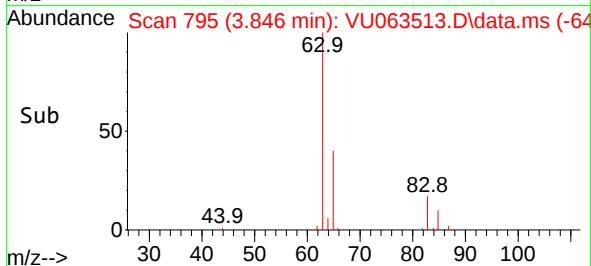
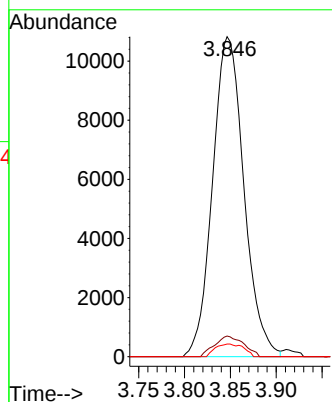
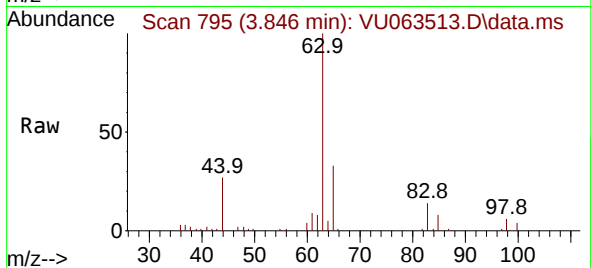
#17
 1,1-Dichloroethane
 Concen: 1.904 ug/l
 RT: 3.846 min Scan# 796
 Delta R.T. -0.003 min
 Lab File: VU063513.D
 Acq: 16 Jul 2025 10:27

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion: 63 Resp: 2572
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.2
 100 3.9 2.1 6.2

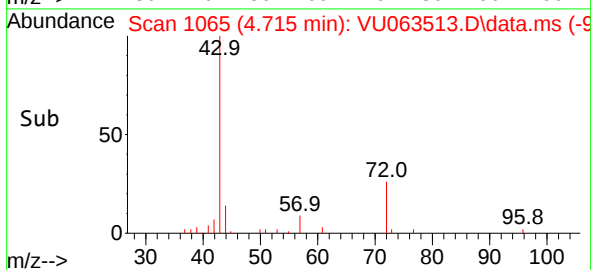
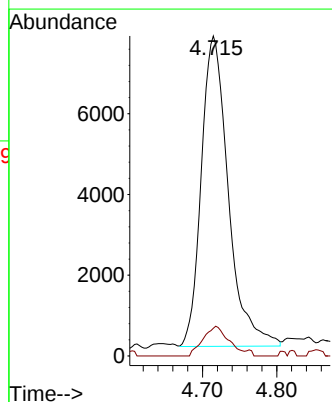
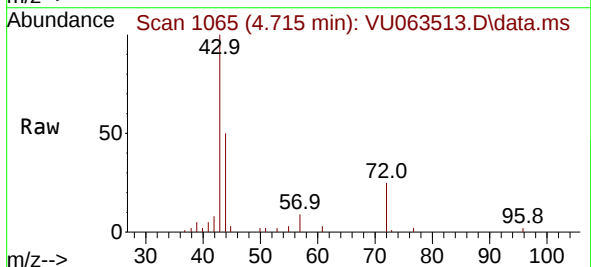
Manual Integrations
 APPROVED

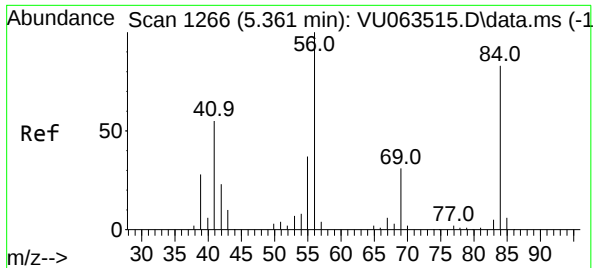
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#18
 2-Butanone
 Concen: 9.792 ug/l
 RT: 4.715 min Scan# 1065
 Delta R.T. 0.003 min
 Lab File: VU063513.D
 Acq: 16 Jul 2025 10:27

Tgt Ion: 43 Resp: 19497
 Ion Ratio Lower Upper
 43 100
 57 8.9 0.0 16.4





#19

Cyclohexane

Concen: 1.881 ug/l

RT: 5.358 min Scan# 1266

Delta R.T. -0.003 min

Lab File: VU063513.D

Acq: 16 Jul 2025 10:27

Instrument :

MSVOA_U

ClientSampleId :

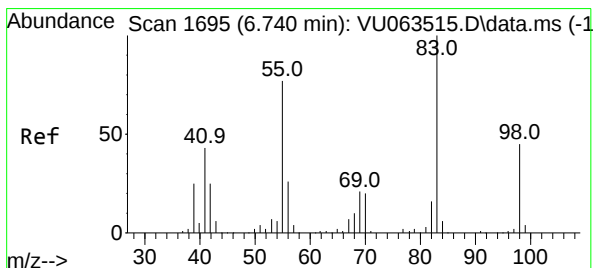
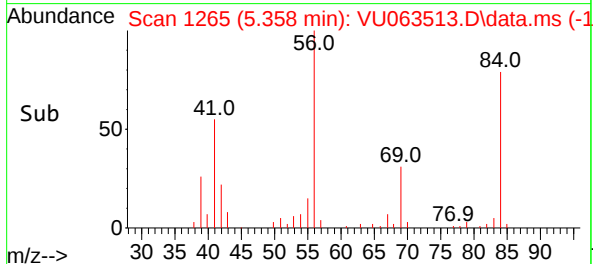
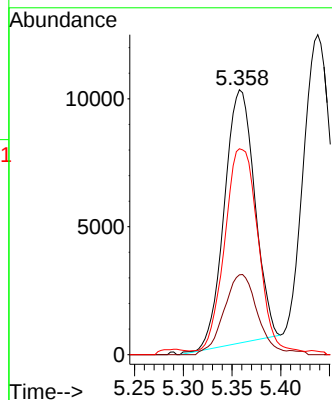
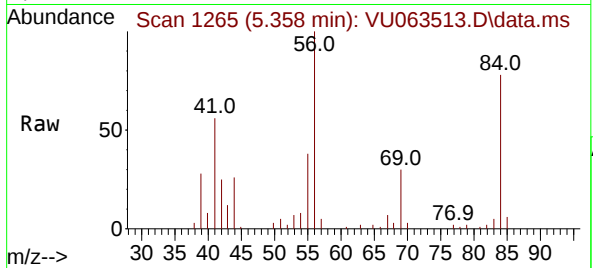
VSTDICC002

Tgt Ion:	56	Resp:	2151
Ion Ratio	Lower	Upper	
56	100		
69	32.7	26.6	39.8
84	86.3	71.0	106.4

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 1.786 ug/l

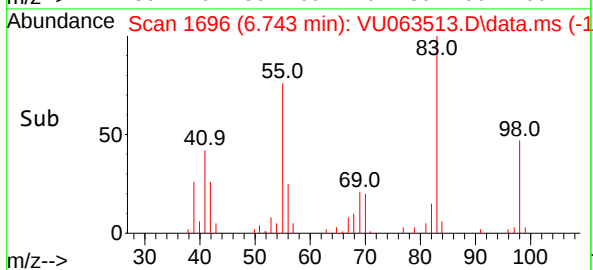
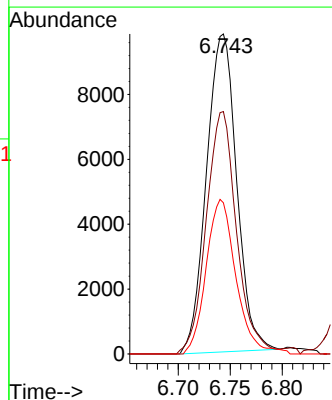
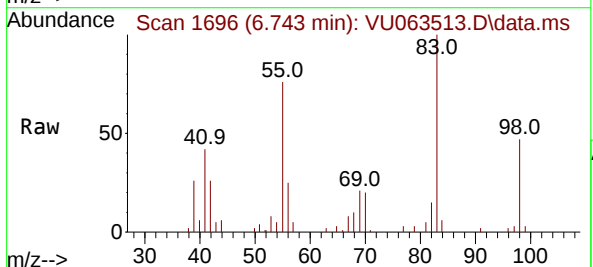
RT: 6.743 min Scan# 1696

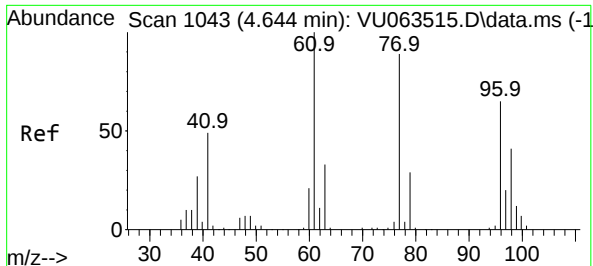
Delta R.T. 0.003 min

Lab File: VU063513.D

Acq: 16 Jul 2025 10:27

Tgt Ion:	83	Resp:	19848
Ion Ratio	Lower	Upper	
83	100		
55	74.1	60.6	90.8
98	47.9	35.8	53.8





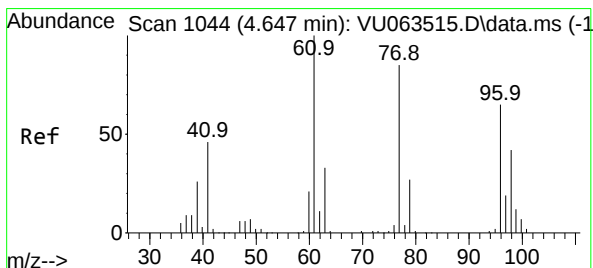
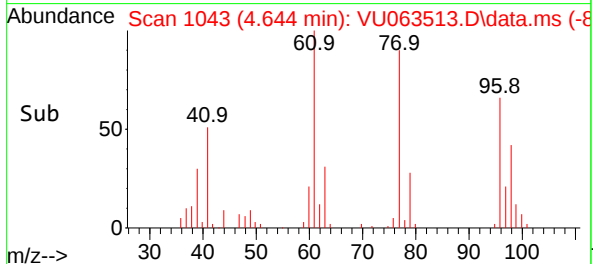
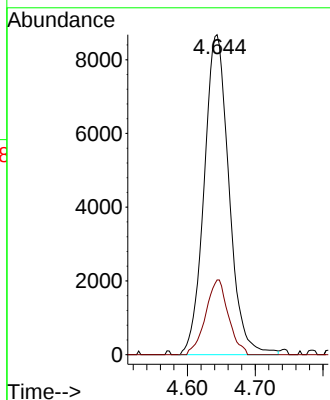
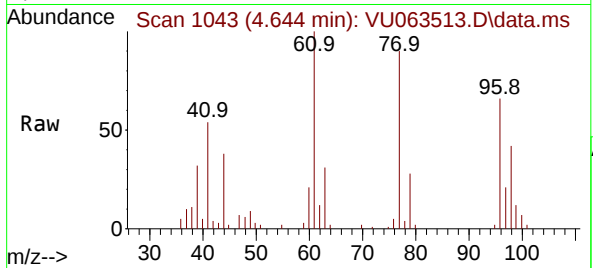
#21
2,2-Dichloropropane
Concen: 1.922 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 77 Resp: 22099
Ion Ratio Lower Upper
77 100
97 21.4 17.8 26.8

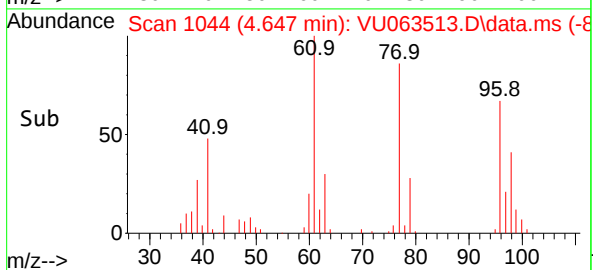
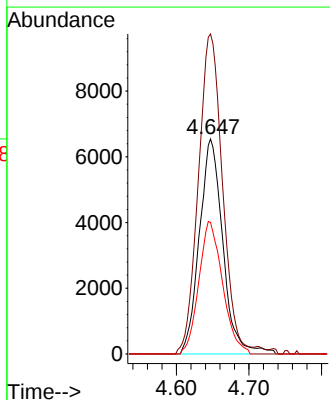
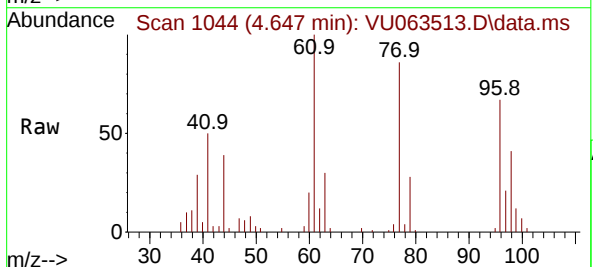
Manual Integrations
APPROVED

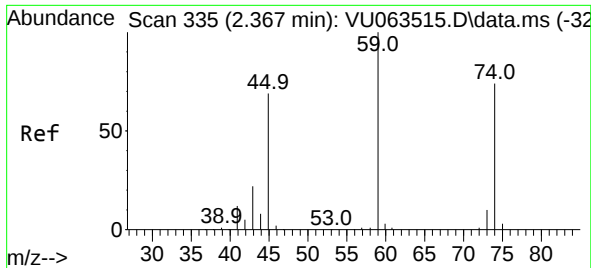
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#22
cis-1,2-Dichloroethene
Concen: 1.864 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Tgt Ion: 96 Resp: 14739
Ion Ratio Lower Upper
96 100
61 152.6 0.0 384.7
98 62.1 32.1 96.3





#23

Diethyl Ether

Concen: 1.962 ug/l

RT: 2.367 min Scan# 335

Delta R.T. 0.000 min

Lab File: VU063513.D

Acq: 16 Jul 2025 10:27

Instrument :

MSVOA_U

ClientSampleId :

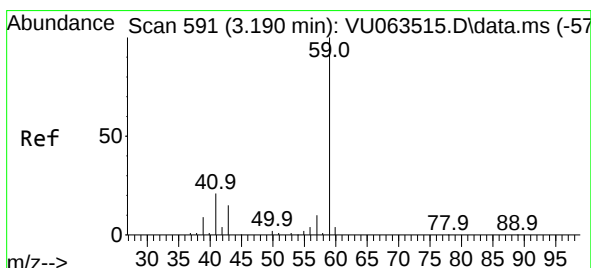
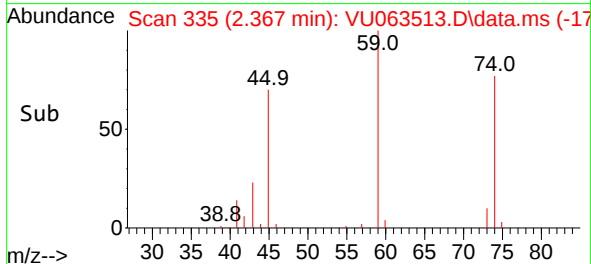
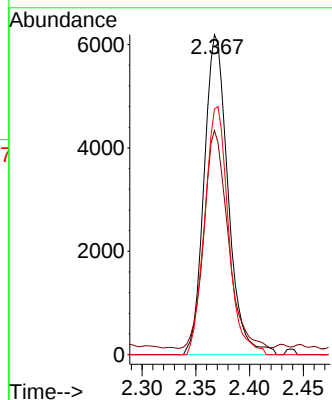
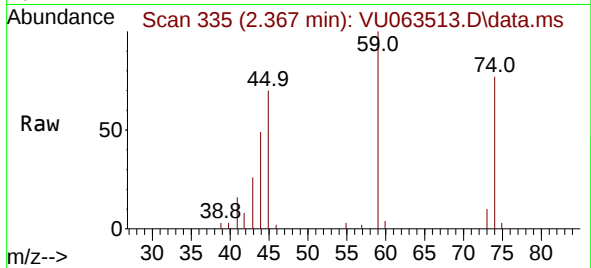
VSTDICC002

Tgt Ion:	59	Resp:	9590
Ion	Ratio	Lower	Upper
59	100		
45	68.4	55.1	82.7
74	76.9	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: 18.698 ug/l

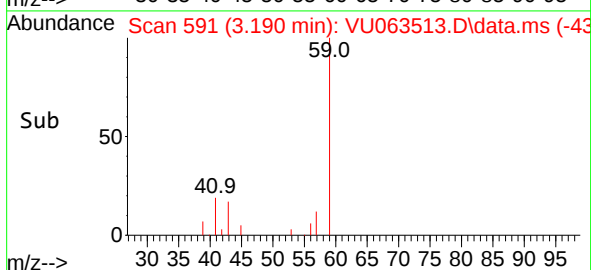
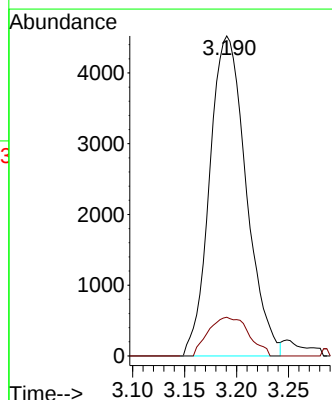
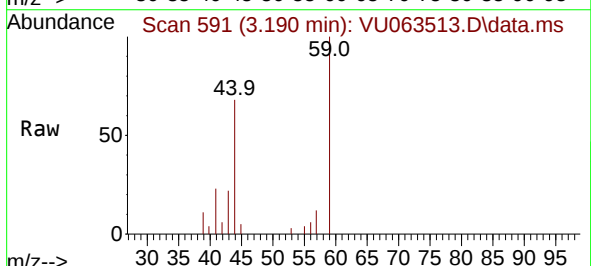
RT: 3.190 min Scan# 591

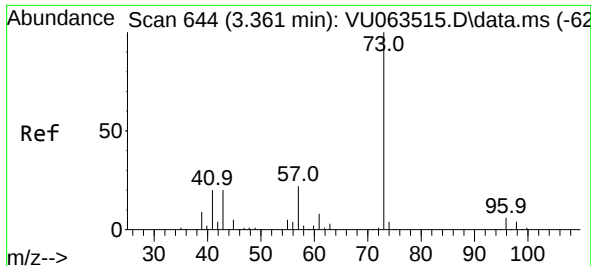
Delta R.T. 0.000 min

Lab File: VU063513.D

Acq: 16 Jul 2025 10:27

Tgt Ion:	59	Resp:	11035
Ion	Ratio	Lower	Upper
59	100		
57	13.4	8.6	12.8





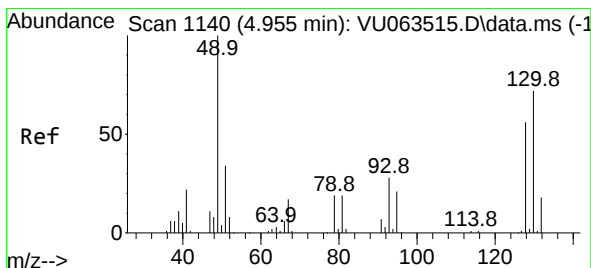
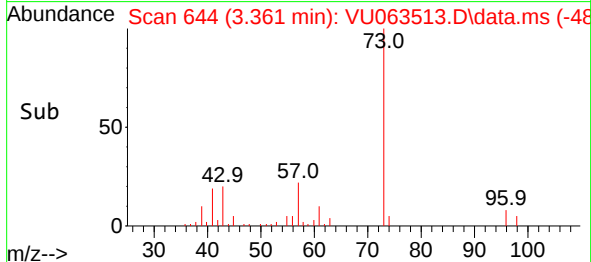
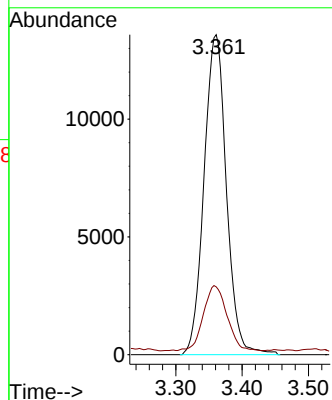
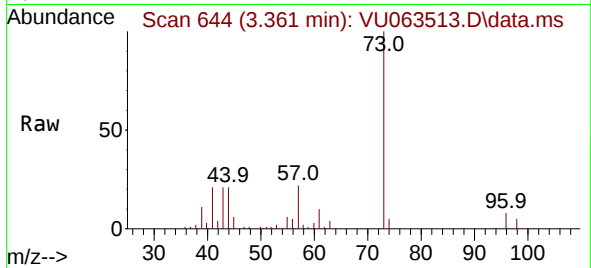
#25
Methyl tert-Butyl Ether
Concen: 1.906 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 73 Resp: 3192
Ion Ratio Lower Upper
73 100
43 21.2 16.2 24.2

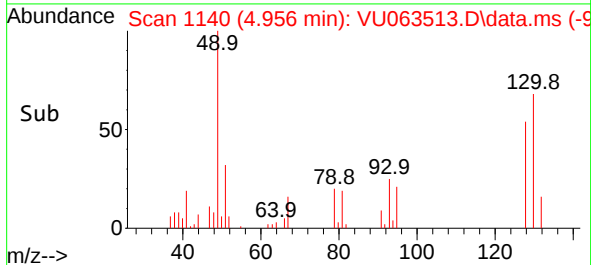
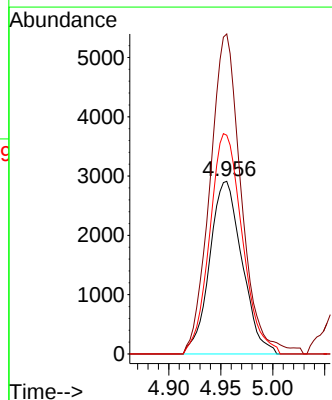
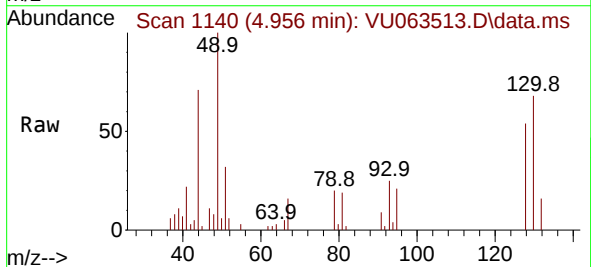
Manual Integrations
APPROVED

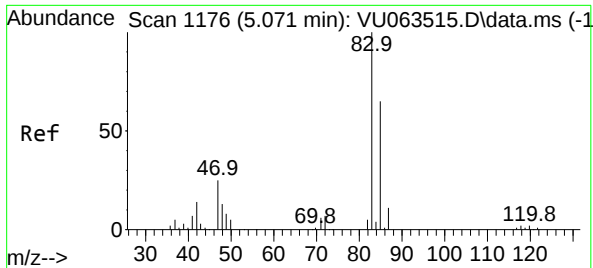
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#26
Bromochloromethane
Concen: 1.908 ug/l
RT: 4.956 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Tgt Ion:128 Resp: 6299
Ion Ratio Lower Upper
128 100
49 179.5 0.0 340.8
130 128.5 100.5 150.7





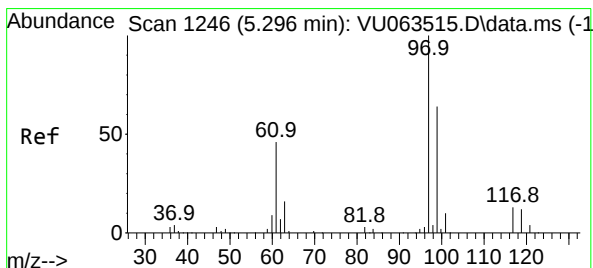
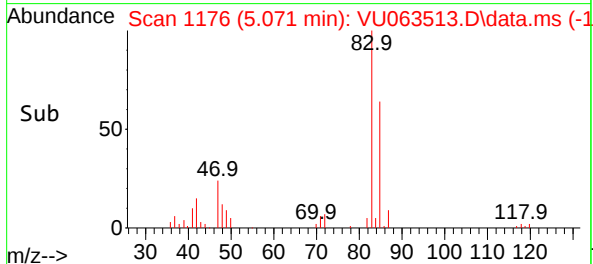
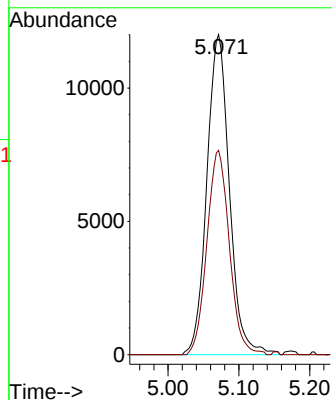
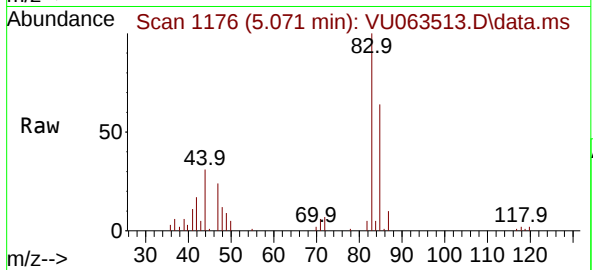
#27
Chloroform
Concen: 1.927 ug/l
RT: 5.071 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 83 Resp: 2656
Ion Ratio Lower Upper
83 100
85 63.9 0.0 130.0

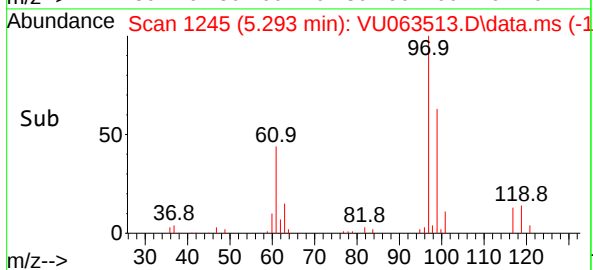
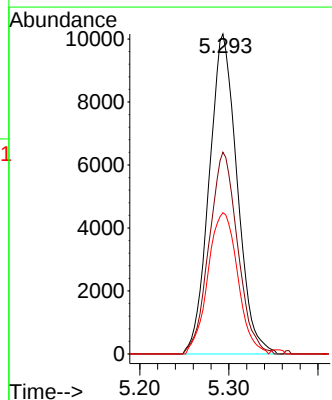
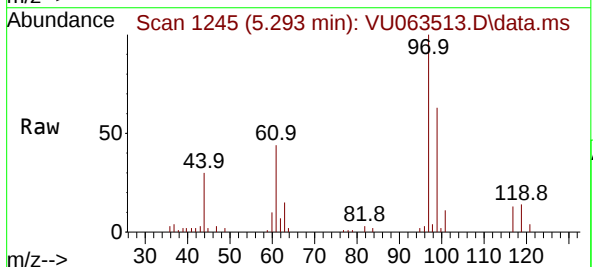
Manual Integrations
APPROVED

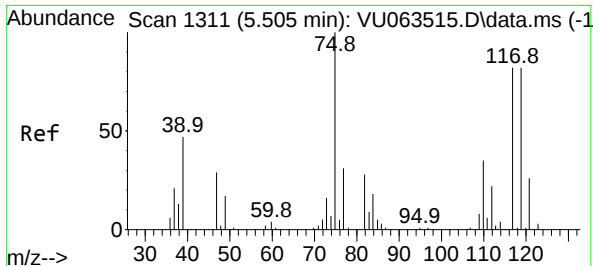
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#28
1,1,1-Trichloroethane
Concen: 1.895 ug/l
RT: 5.293 min Scan# 1245
Delta R.T. -0.003 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Tgt Ion: 97 Resp: 22170
Ion Ratio Lower Upper
97 100
99 64.2 31.8 95.3
61 47.0 23.3 69.9





#29
1,1-Dichloropropene
Concen: 1.970 ug/l
RT: 5.502 min Scan# 1109
Delta R.T. -0.003 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Instrument :

MSVOA_U

ClientSampleId :

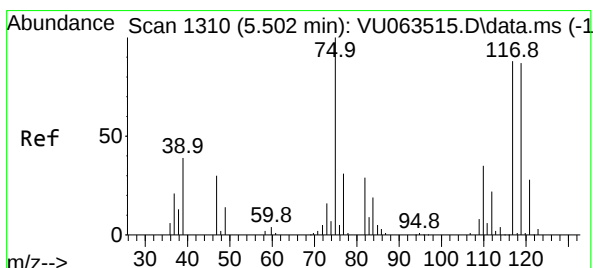
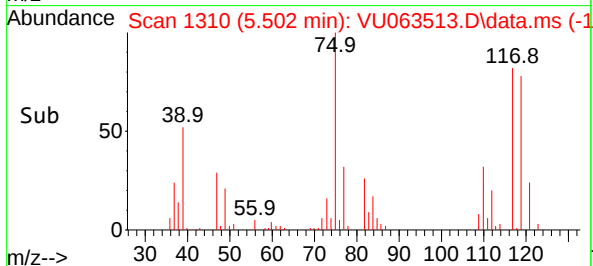
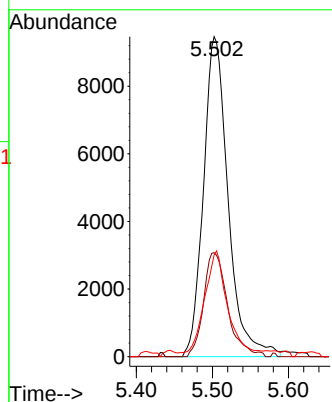
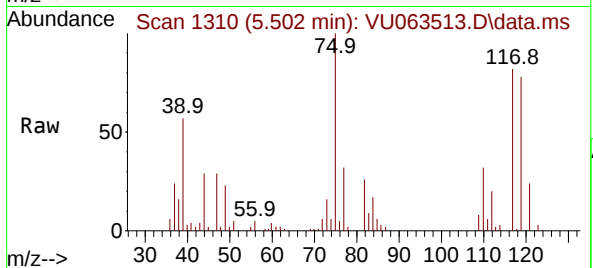
VSTDIC002

Tgt Ion: 75 Resp: 2134
Ion Ratio Lower Upper
75 100
110 31.6 17.8 53.4
77 29.0 24.6 37.0

Manual Integrations

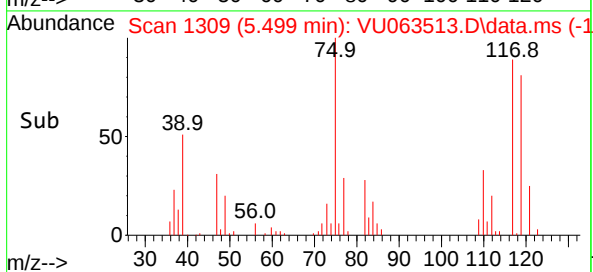
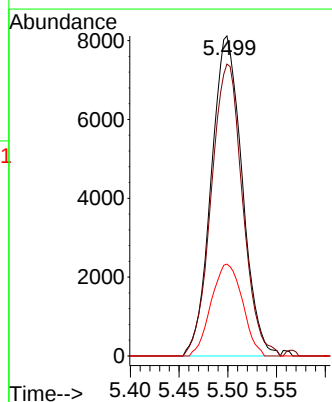
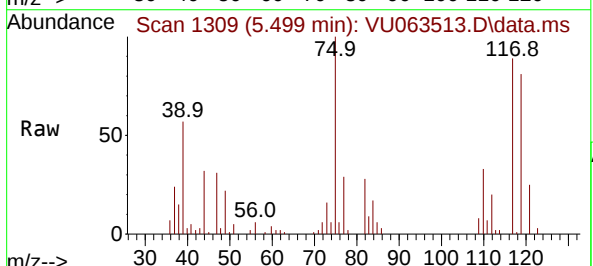
APPROVED

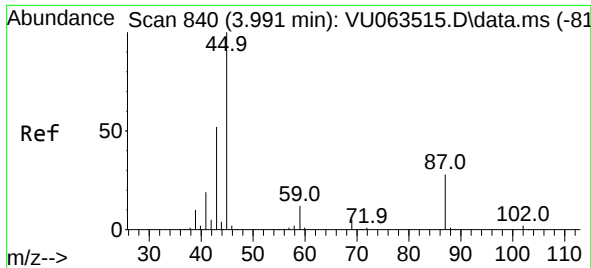
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#30
Carbon Tetrachloride
Concen: 1.900 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.003 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

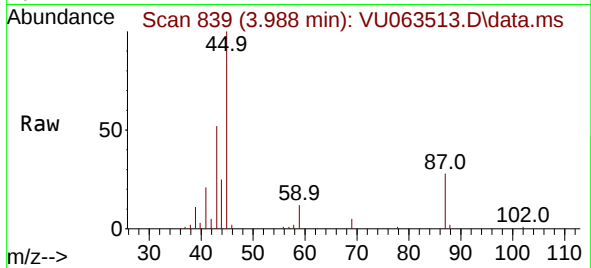
Tgt Ion:117 Resp: 17885
Ion Ratio Lower Upper
117 100
119 91.2 79.2 118.8
121 28.7 25.5 38.3





#31
Isopropyl Ether
Concen: 1.914 ug/l
RT: 3.988 min Scan# 839
Delta R.T. -0.003 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

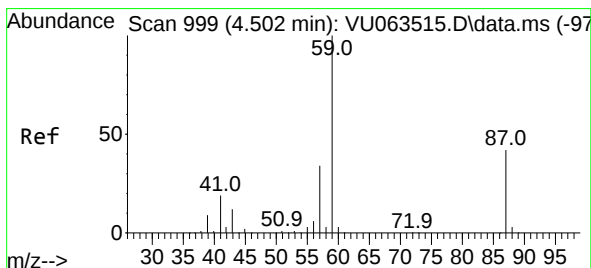
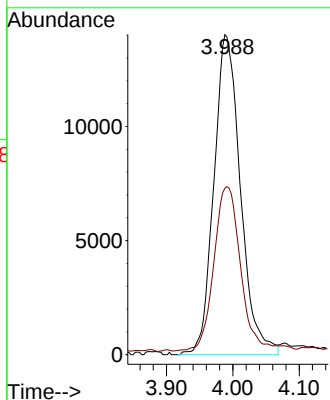
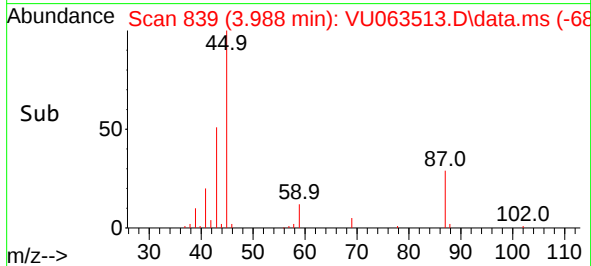
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



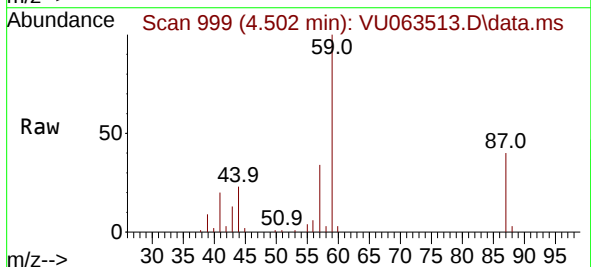
Tgt Ion: 45 Resp: 3901
Ion Ratio Lower Upper
45 100
43 52.1 25.7 77.0

Manual Integrations
APPROVED

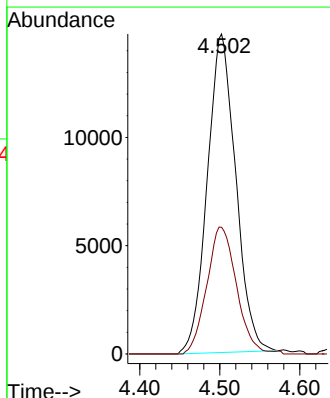
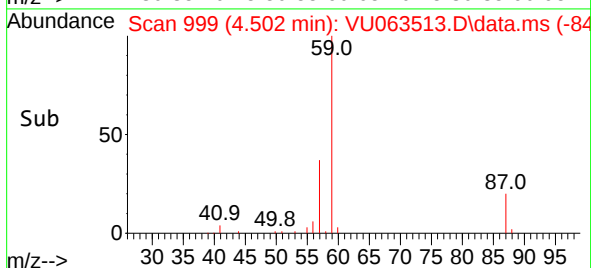
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

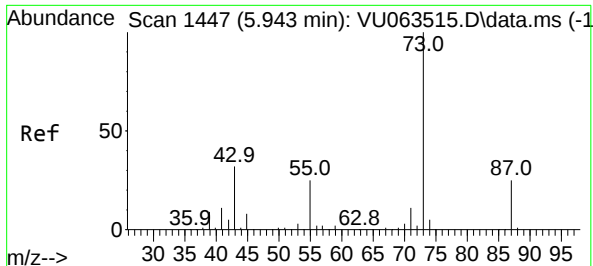


#32
Ethyl-t-butyl ether
Concen: 1.926 ug/l
RT: 4.502 min Scan# 999
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27



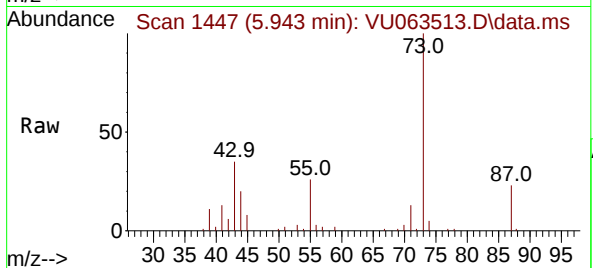
Tgt Ion: 59 Resp: 36341
Ion Ratio Lower Upper
59 100
87 40.5 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 1.977 ug/l
RT: 5.943 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

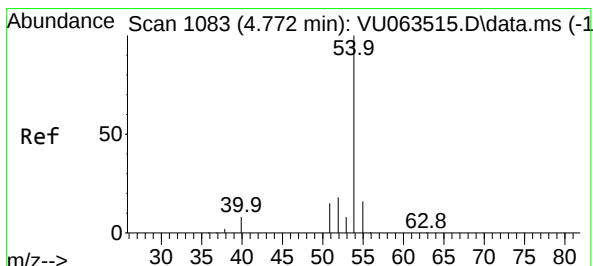
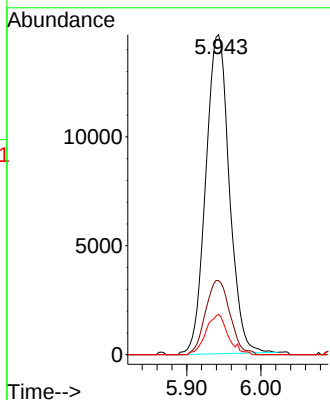
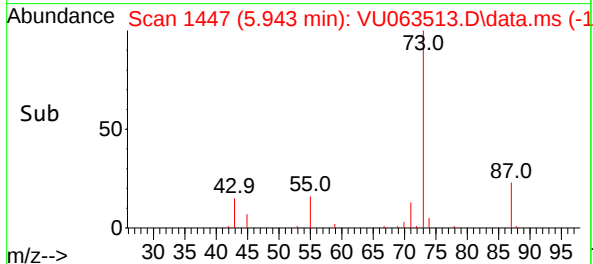
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion: 73 Resp: 3236
Ion Ratio Lower Upper
73 100
87 24.1 19.4 29.2
71 11.8 8.9 13.3

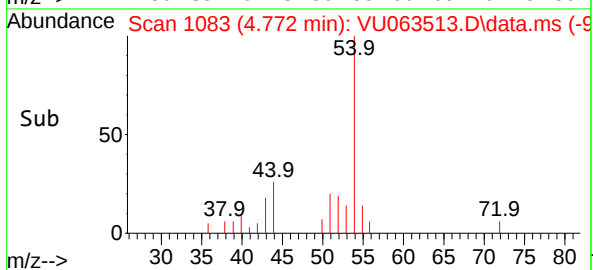
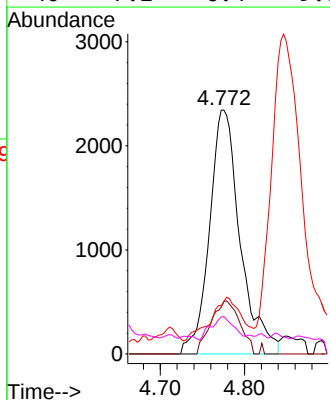
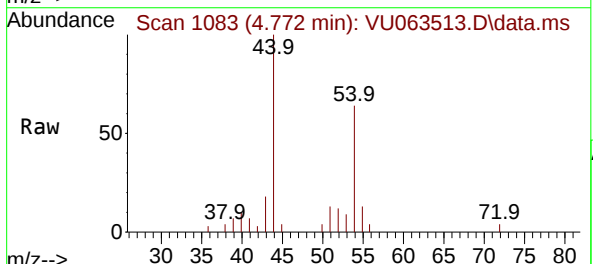
Manual Integrations
APPROVED

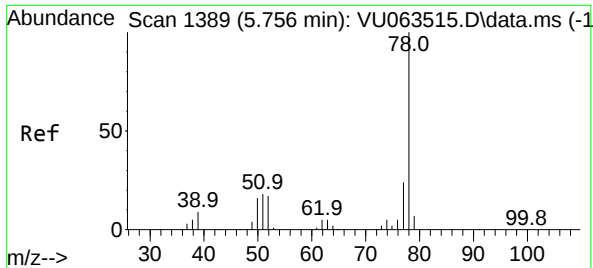
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#34
Propionitrile
Concen: 9.762 ug/l
RT: 4.772 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Tgt Ion: 54 Resp: 5922
Ion Ratio Lower Upper
54 100
52 20.4 17.0 25.4
55 17.8 13.6 20.4
40 7.2 6.4 9.6





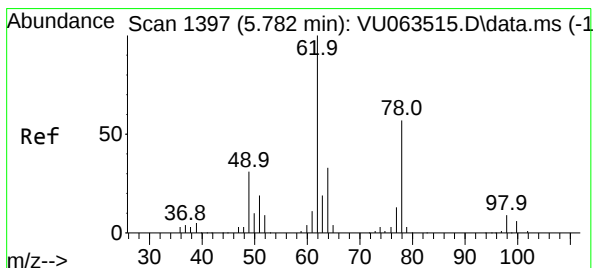
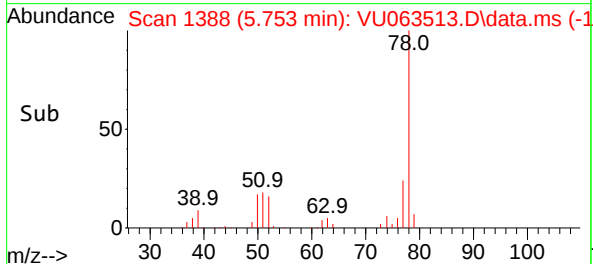
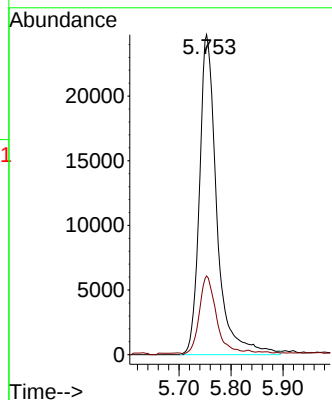
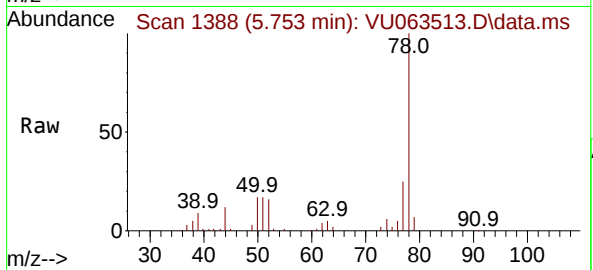
#35
Benzene
Concen: 1.977 ug/l
RT: 5.753 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 78 Resp: 5756
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.2

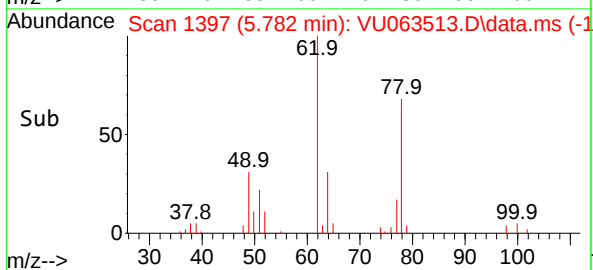
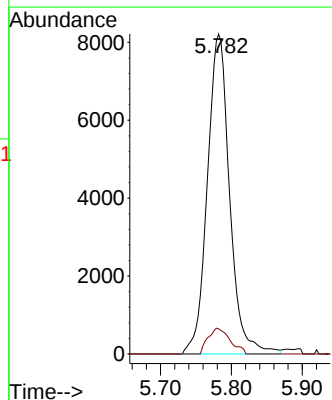
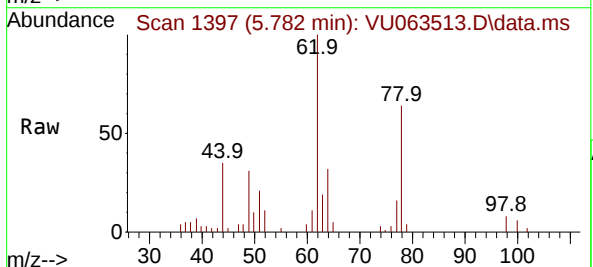
Manual Integrations
APPROVED

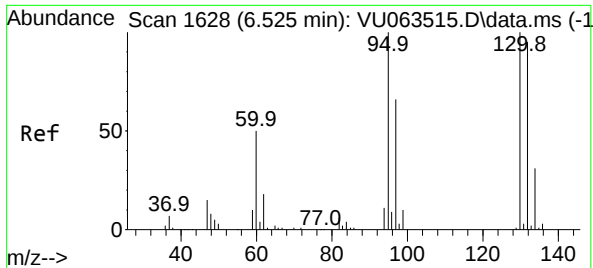
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#36
1,2-Dichloroethane
Concen: 1.982 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Tgt Ion: 62 Resp: 17934
Ion Ratio Lower Upper
62 100
98 8.0 6.4 9.6





#37
Trichloroethene
Concen: 1.790 ug/l
RT: 6.528 min Scan# 1628
Delta R.T. 0.003 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Instrument :

MSVOA_U

ClientSampleId :

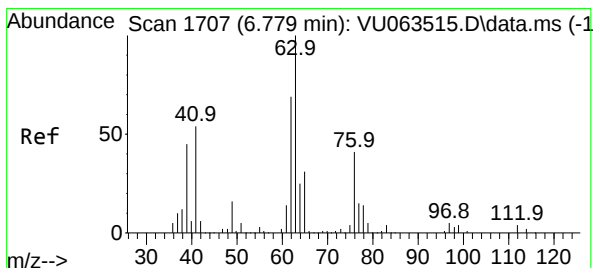
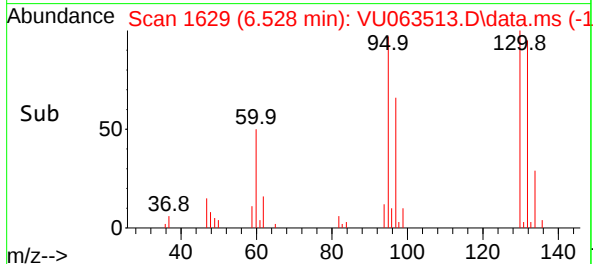
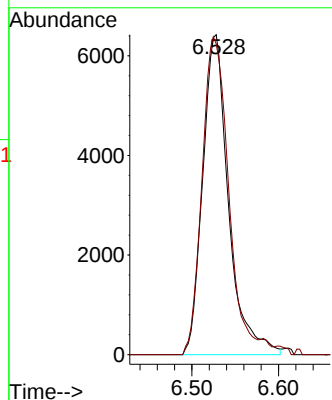
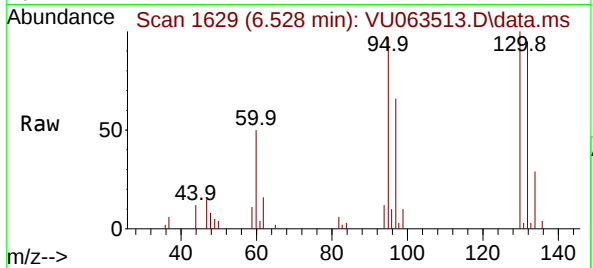
VSTDICC002

Tgt Ion:130 Resp: 1329
Ion Ratio Lower Upper
130 100
95 97.1 80.3 120.5

Manual Integrations

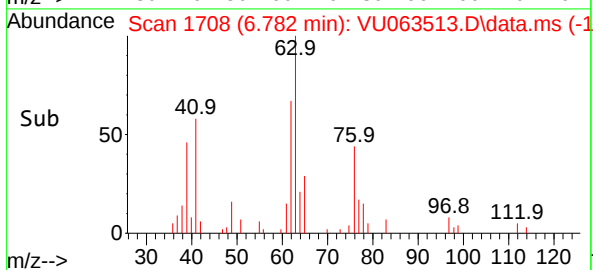
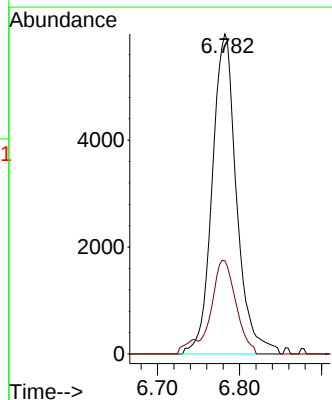
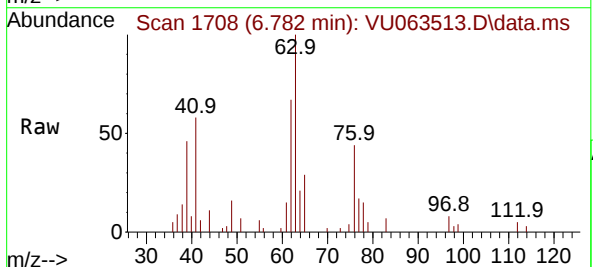
APPROVED

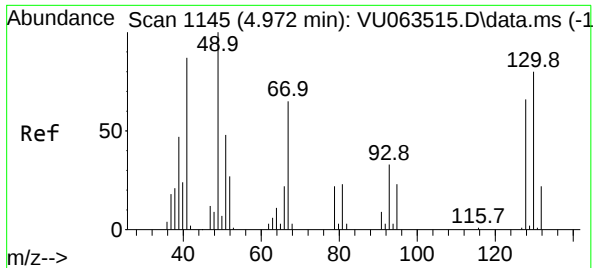
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#38
1,2-Dichloropropane
Concen: 1.818 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. 0.003 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Tgt Ion: 63 Resp: 12386
Ion Ratio Lower Upper
63 100
65 29.1 24.6 36.8





#39

Methacrylonitrile

Concen: 1.982 ug/l

RT: 4.968 min Scan# 1145

Delta R.T. -0.003 min

Lab File: VU063513.D

Acq: 16 Jul 2025 10:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 41 Resp: 527

Ion Ratio Lower Upper

41 100

67 73.7 62.7 94.1

39 47.6 43.1 64.7

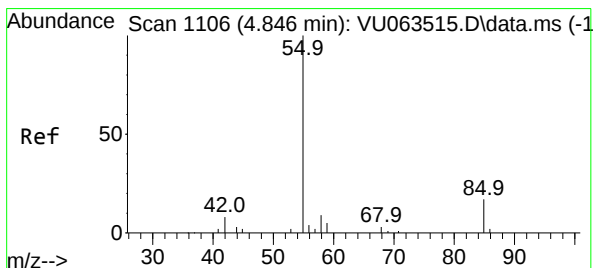
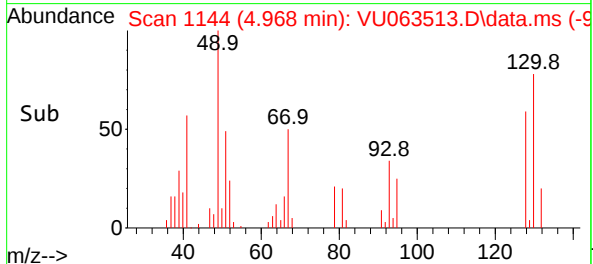
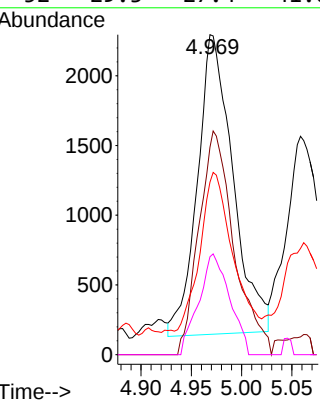
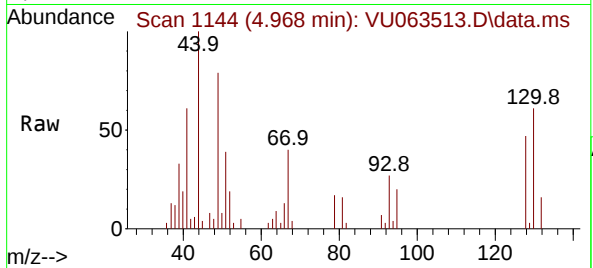
52 29.3 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#40

Methyl acrylate

Concen: 1.755 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VU063513.D

Acq: 16 Jul 2025 10:27

Tgt Ion: 55 Resp: 6918

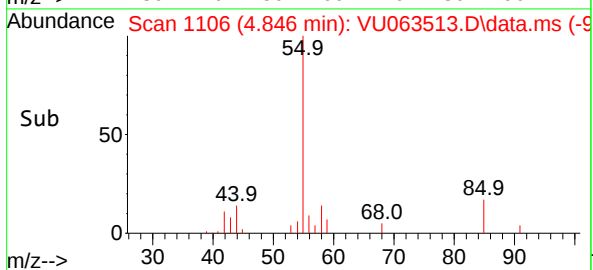
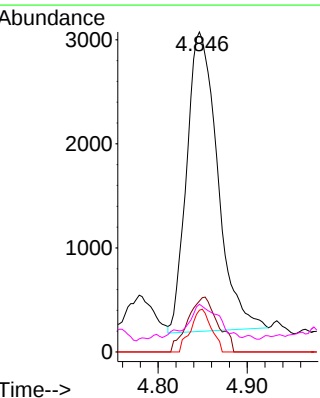
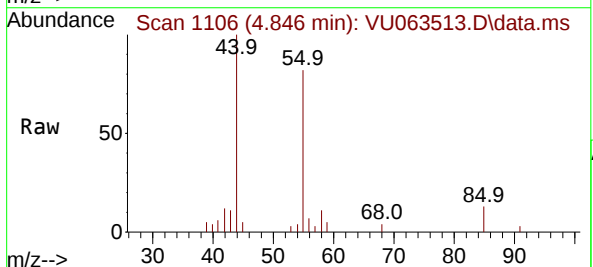
Ion Ratio Lower Upper

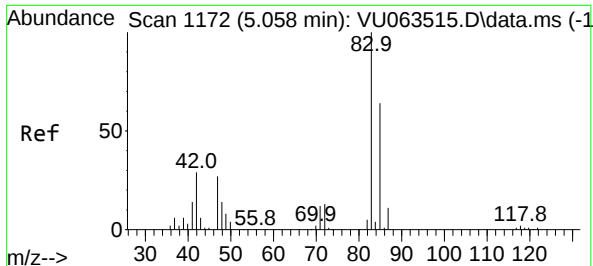
55 100

85 17.8 12.8 19.2

58 9.5 7.0 10.4

42 10.4 7.0 10.4





#41

Tetrahydrofuran

Concen: 3.757 ug/l

RT: 5.065 min Scan# 1174

Delta R.T. 0.007 min

Lab File: VU063513.D

Acq: 16 Jul 2025 10:27

Instrument :

MSVOA_U

ClientSampleId :

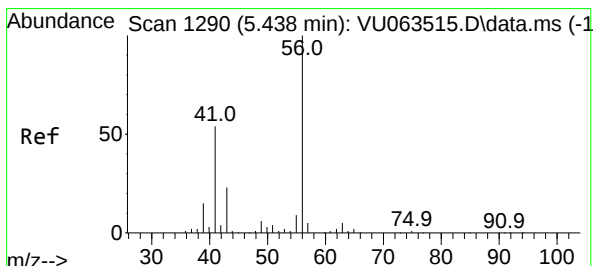
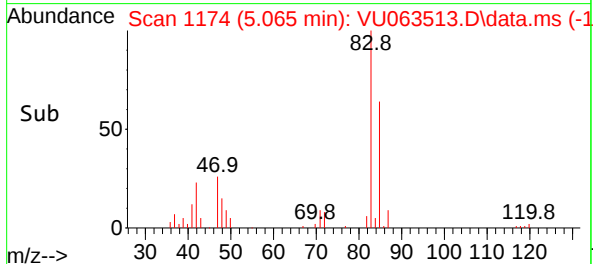
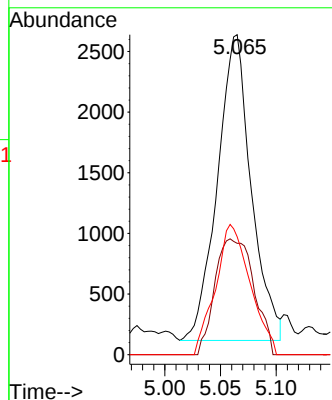
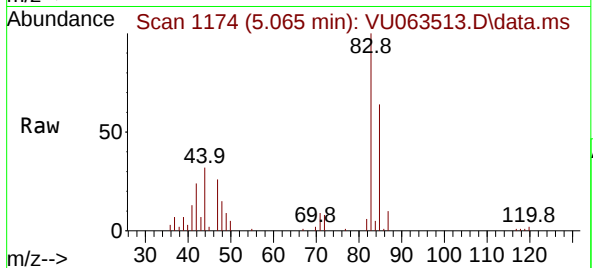
VSTDICC002

Tgt Ion: 42	Resp: 5330
Ion Ratio	Lower Upper
42	100
72	43.7 39.2 58.8
71	43.7 34.8 52.2

Manual Integrations

APPROVED

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



#42

1-Chlorobutane

Concen: 1.896 ug/l

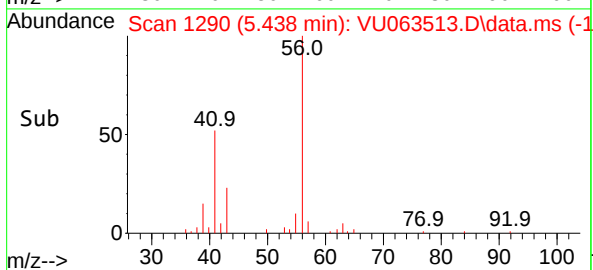
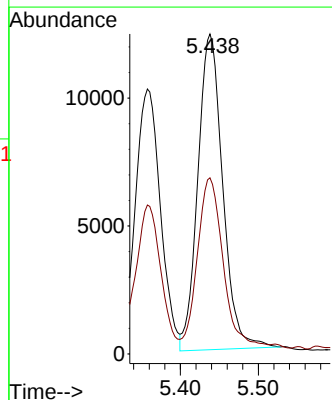
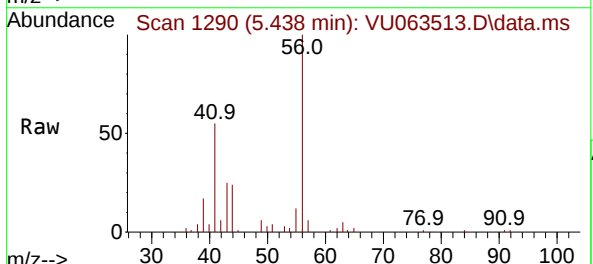
RT: 5.438 min Scan# 1290

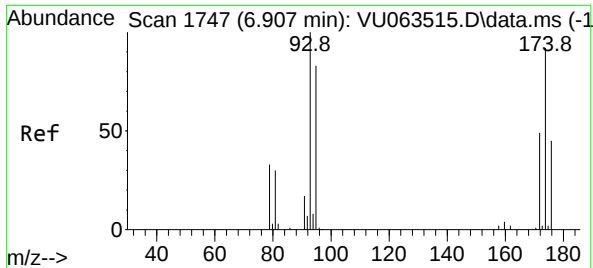
Delta R.T. 0.000 min

Lab File: VU063513.D

Acq: 16 Jul 2025 10:27

Tgt Ion: 56	Resp: 27320
Ion Ratio	Lower Upper
56	100
41	53.4 26.7 80.0





#43

Dibromomethane

Concen: 1.840 ug/l

RT: 6.907 min Scan# 1747

Delta R.T. 0.000 min

Lab File: VU063513.D

Acq: 16 Jul 2025 10:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

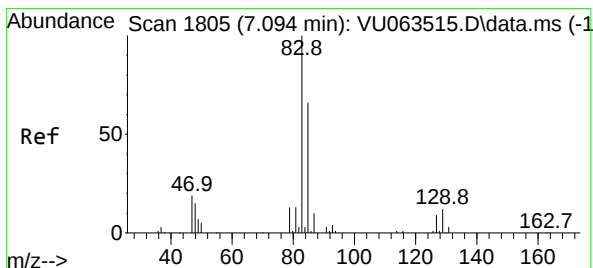
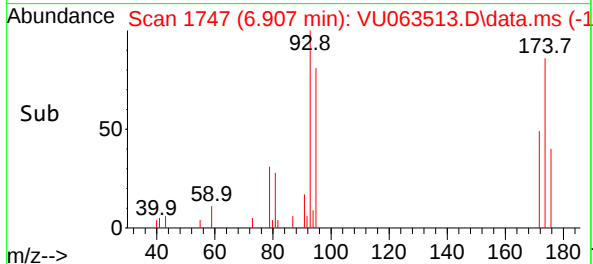
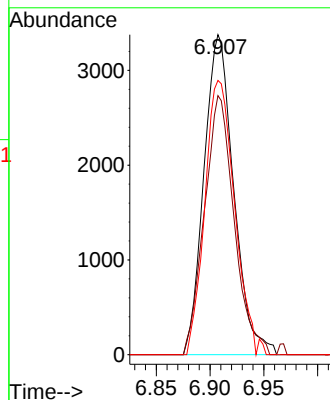
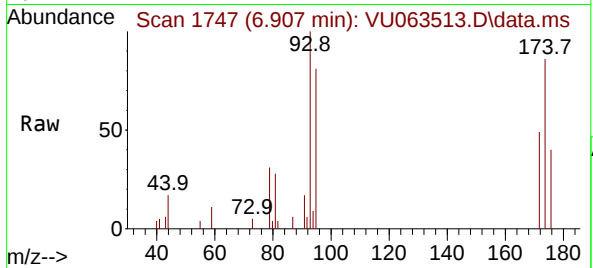
Tgt Ion: 93 Resp: 6494

Ion	Ratio	Lower	Upper
93	100		
95	81.0	67.9	101.9
174	85.7	74.6	111.8

Manual Integrations

APPROVED

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



#44

Bromodichloromethane

Concen: 1.862 ug/l

RT: 7.097 min Scan# 1806

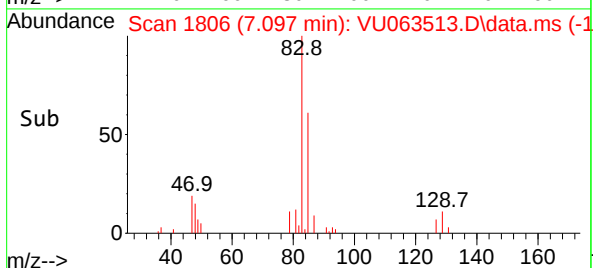
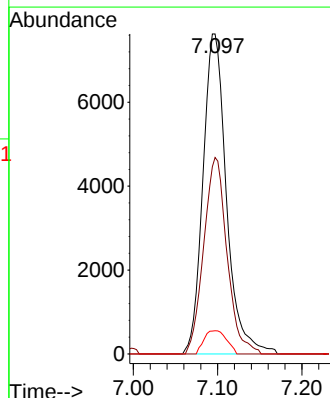
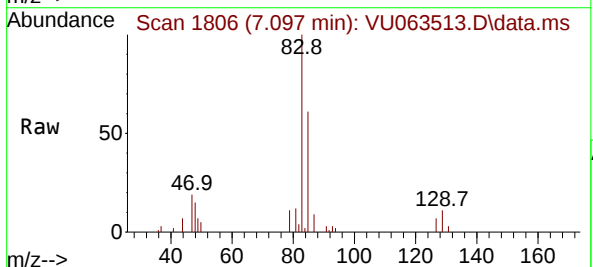
Delta R.T. 0.003 min

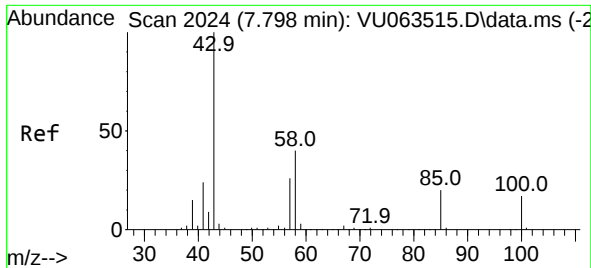
Lab File: VU063513.D

Acq: 16 Jul 2025 10:27

Tgt Ion: 83 Resp: 14822

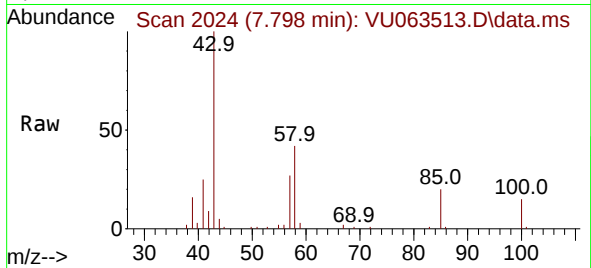
Ion	Ratio	Lower	Upper
83	100		
85	61.4	52.7	79.1
127	7.2	8.1	12.1





#45
4-Methyl-2-Pentanone
Concen: 9.233 ug/l
RT: 7.798 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

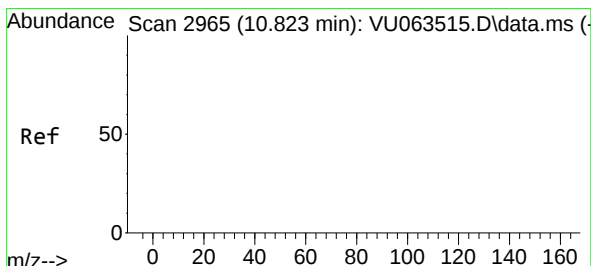
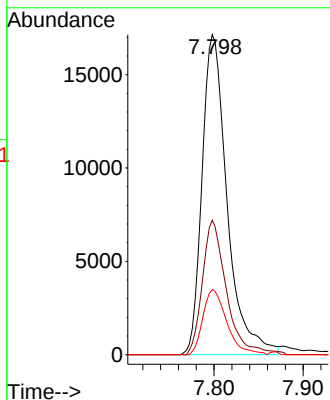
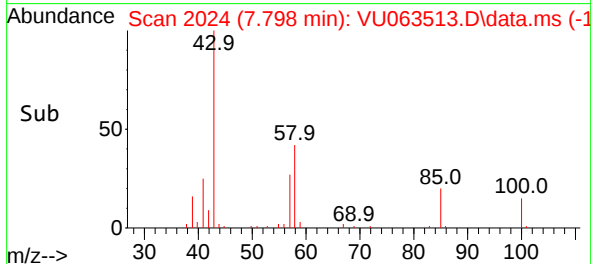
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion: 43 Resp: 33590
Ion Ratio Lower Upper
43 100
58 40.2 20.0 60.0
85 19.3 15.4 23.0

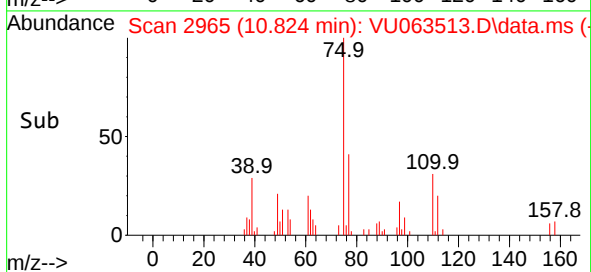
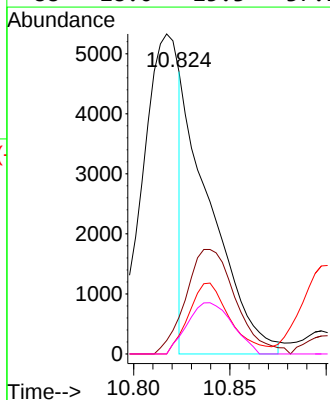
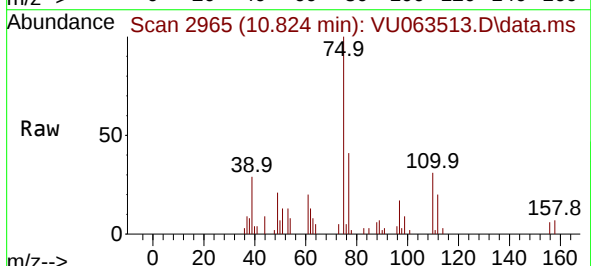
Manual Integrations
APPROVED

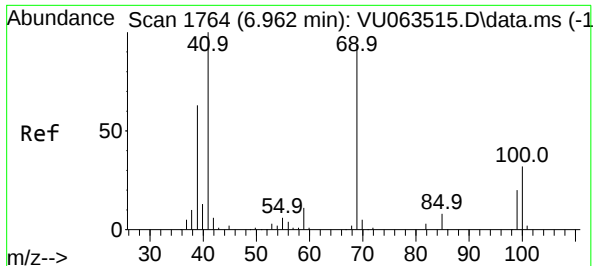
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#46
t-1,4-Dichloro-2-butene
Concen: 3.841 ug/l m
RT: 10.824 min Scan# 2965
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Tgt Ion: 75 Resp: 4957
Ion Ratio Lower Upper
75 100
53 63.2 48.4 72.6
89 35.9 30.6 45.8
88 28.0 25.3 37.9





#47

Methyl methacrylate

Concen: 3.613 ug/l

RT: 6.968 min Scan# 1766

Delta R.T. 0.007 min

Lab File: VU063513.D

Acq: 16 Jul 2025 10:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 69 Resp: 10710

Ion Ratio Lower Upper

69 100

41 104.8 0.0 224.0

39 69.0 55.3 82.9

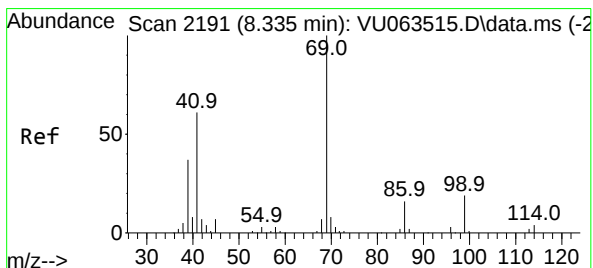
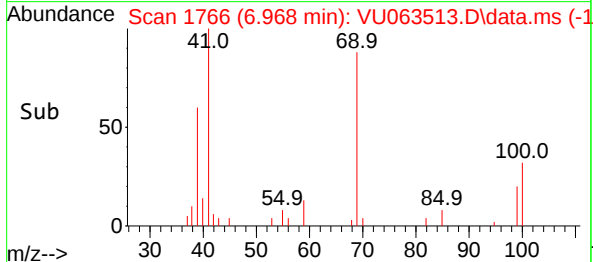
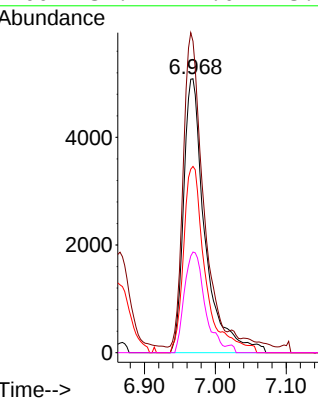
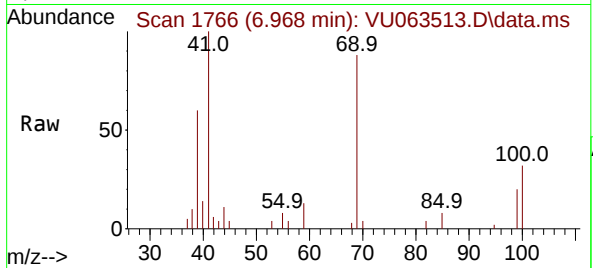
100 34.9 29.0 43.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#48

Ethyl methacrylate

Concen: 1.902 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.000 min

Lab File: VU063513.D

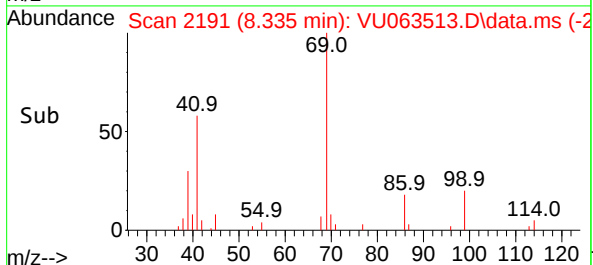
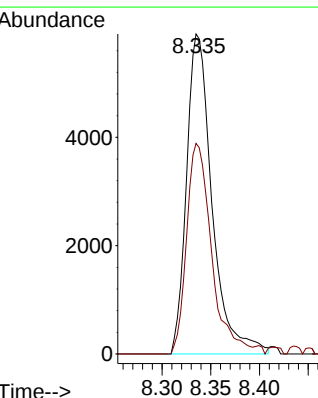
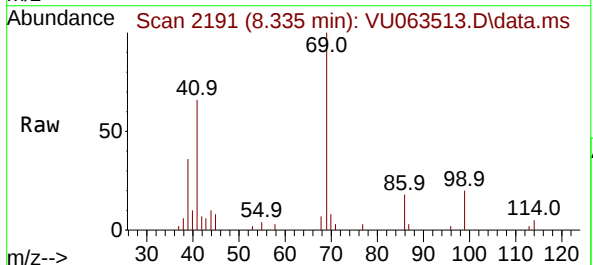
Acq: 16 Jul 2025 10:27

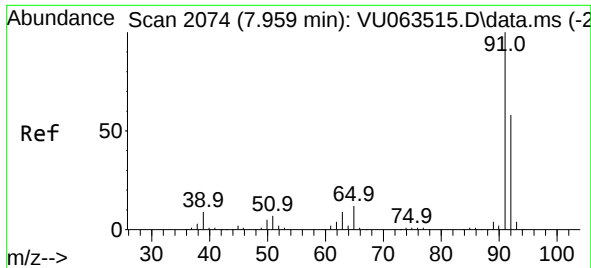
Tgt Ion: 69 Resp: 10760

Ion Ratio Lower Upper

69 100

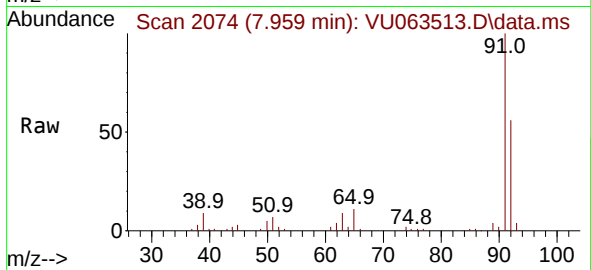
41 64.3 30.8 92.4





#49
Toluene
Concen: 1.853 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

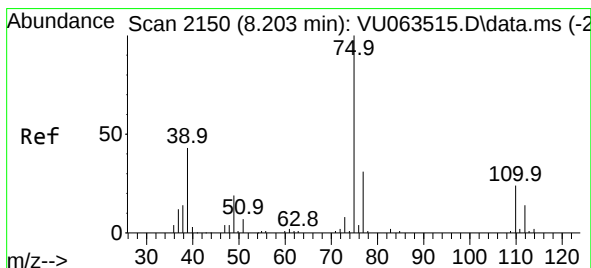
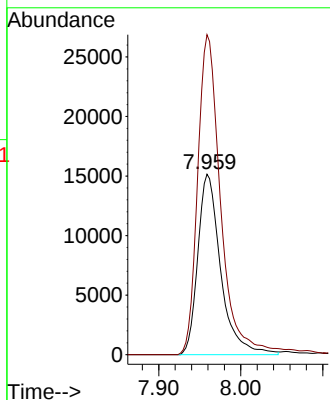
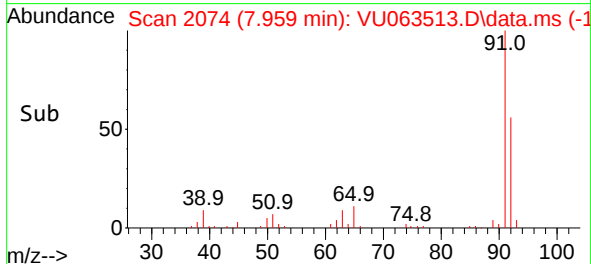
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



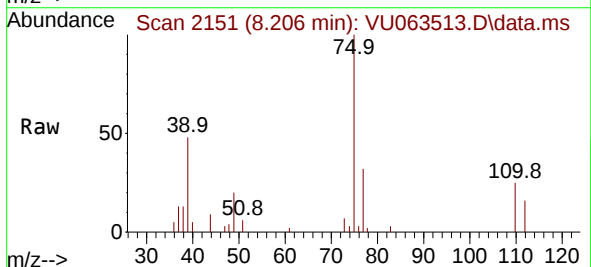
Tgt Ion: 92 Resp: 2945
Ion Ratio Lower Upper
92 100
91 179.2 140.4 210.6

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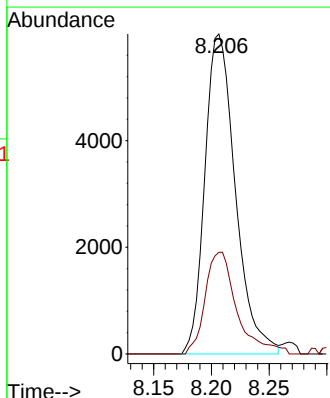
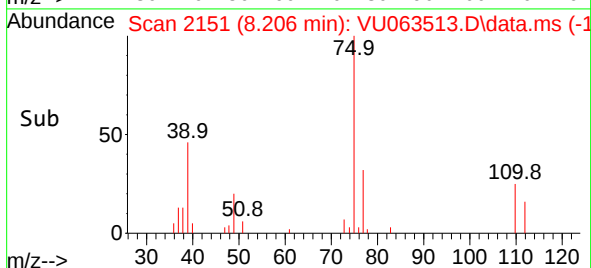
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

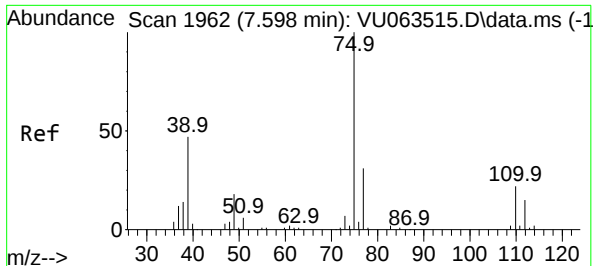


#50
t-1,3-Dichloropropene
Concen: 1.767 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. 0.003 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27



Tgt Ion: 75 Resp: 11035
Ion Ratio Lower Upper
75 100
77 31.7 24.9 37.3





#51

cis-1,3-Dichloropropene

Concen: 1.719 ug/l

RT: 7.602 min Scan# 1962

Delta R.T. 0.003 min

Lab File: VU063513.D

Acq: 16 Jul 2025 10:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 75 Resp: 14409

Ion Ratio Lower Upper

75 100

77 32.1 25.1 37.7

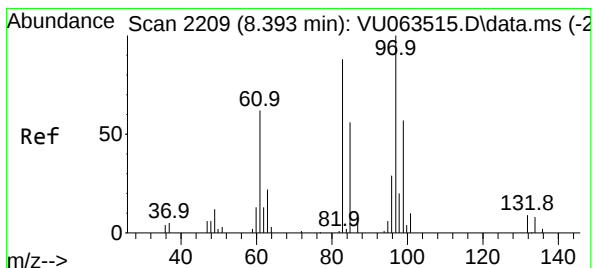
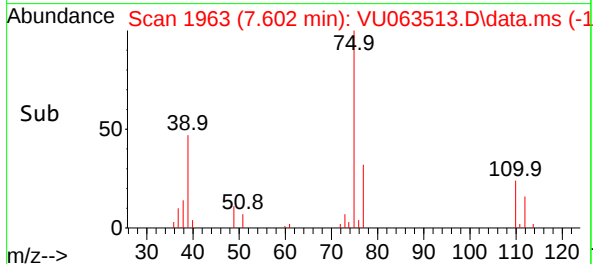
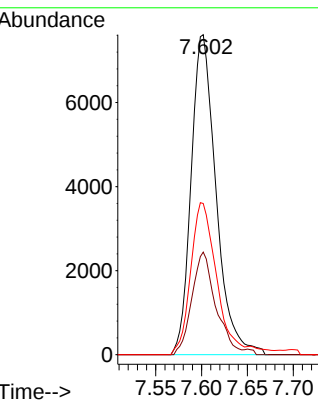
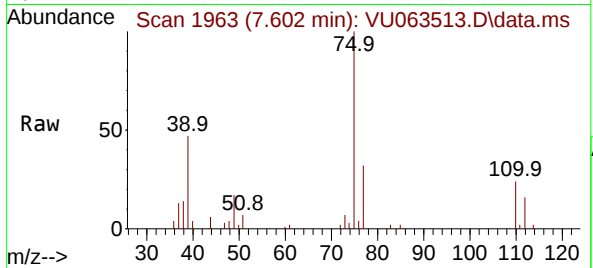
39 47.3 37.8 56.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#52

1,1,2-Trichloroethane

Concen: 1.871 ug/l

RT: 8.393 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VU063513.D

Acq: 16 Jul 2025 10:27

Tgt Ion: 97 Resp: 8889

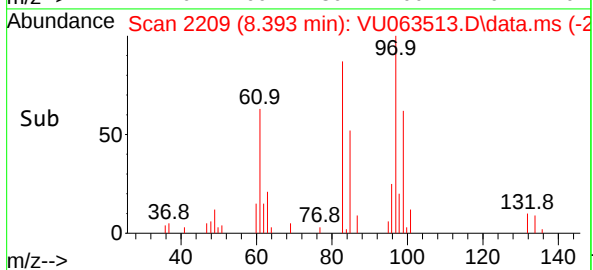
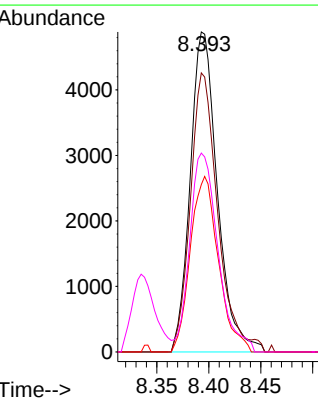
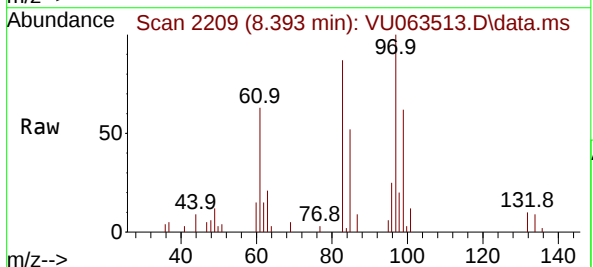
Ion Ratio Lower Upper

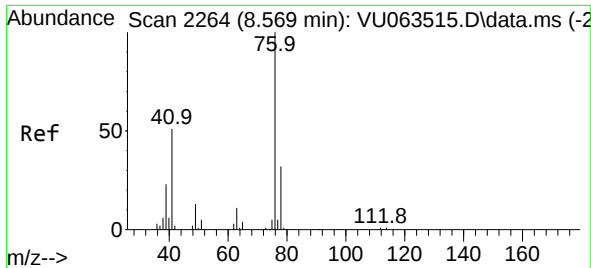
97 100

83 87.2 70.2 105.2

85 52.3 45.2 67.8

99 62.2 50.1 75.1





#53

1,3-Dichloropropane

Concen: 1.913 ug/l

RT: 8.570 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063513.D

Acq: 16 Jul 2025 10:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 76 Resp: 1569

Ion Ratio Lower Upper

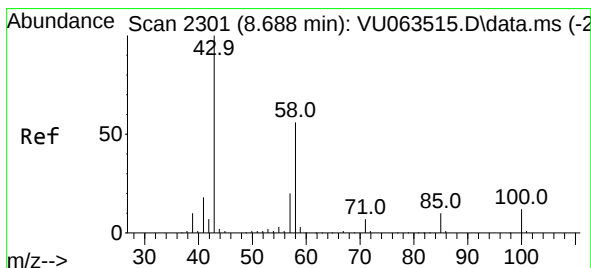
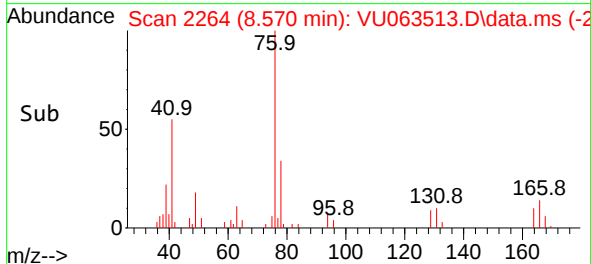
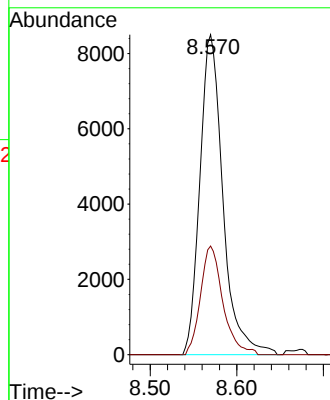
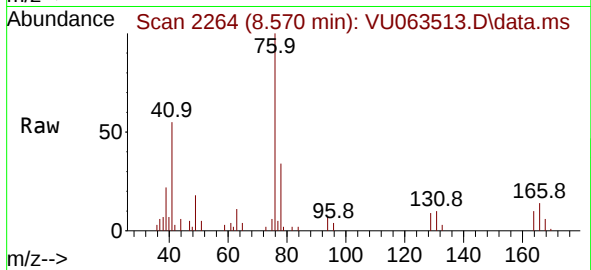
76 100

78 33.0 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: 8.926 ug/l

RT: 8.692 min Scan# 2302

Delta R.T. 0.003 min

Lab File: VU063513.D

Acq: 16 Jul 2025 10:27

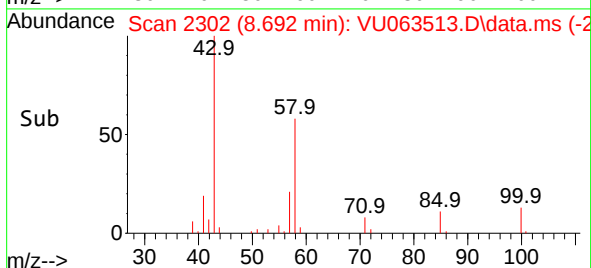
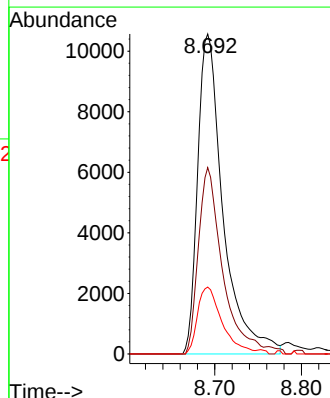
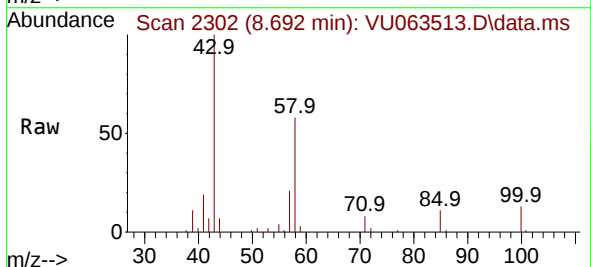
Tgt Ion: 43 Resp: 21569

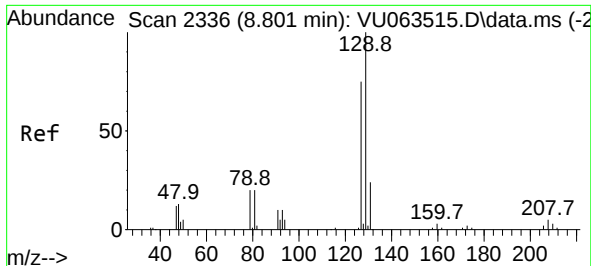
Ion Ratio Lower Upper

43 100

58 56.1 34.8 74.8

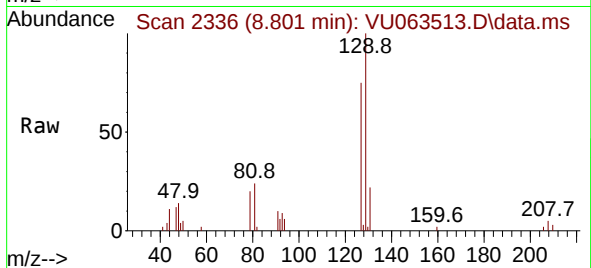
57 20.2 0.0 39.5





#55
Dibromochloromethane
Concen: 1.824 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

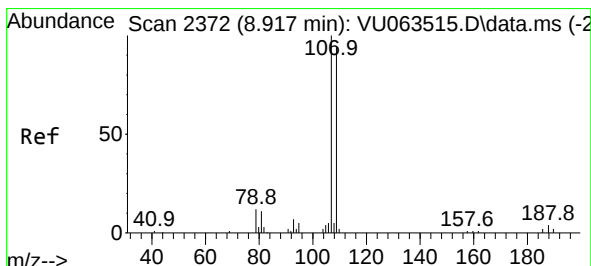
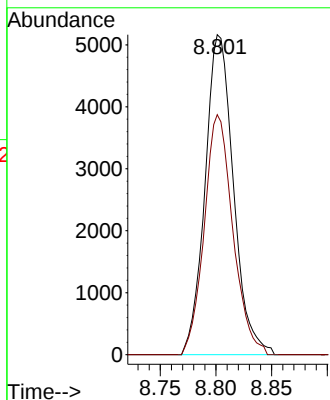
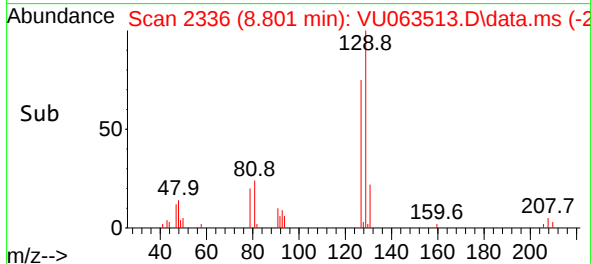
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



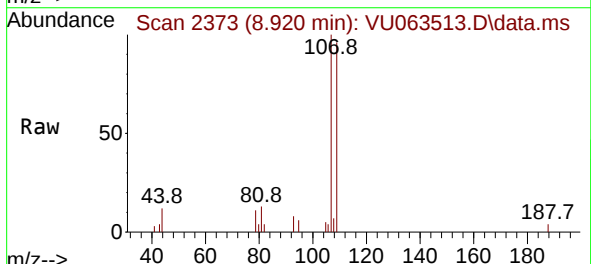
Tgt Ion:129 Resp: 9158
Ion Ratio Lower Upper
129 100
127 75.6 60.1 90.1

Manual Integrations
APPROVED

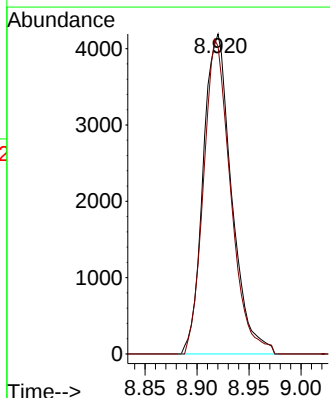
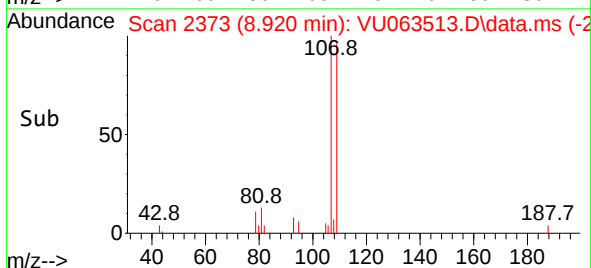
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

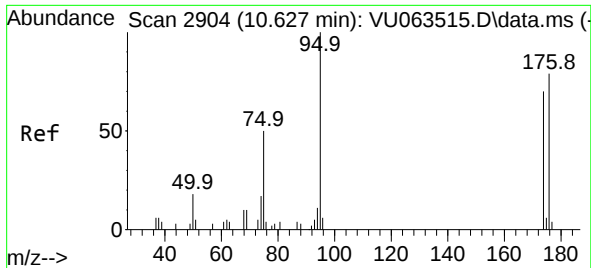


#56
1,2-Dibromoethane
Concen: 1.871 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27



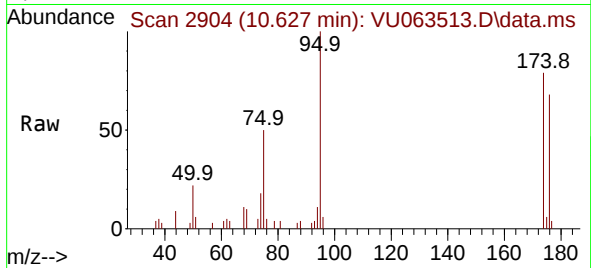
Tgt Ion:107 Resp: 7956
Ion Ratio Lower Upper
107 100
109 93.9 0.0 186.4





#57
4-Bromofluorobenzene
Concen: 0.953 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

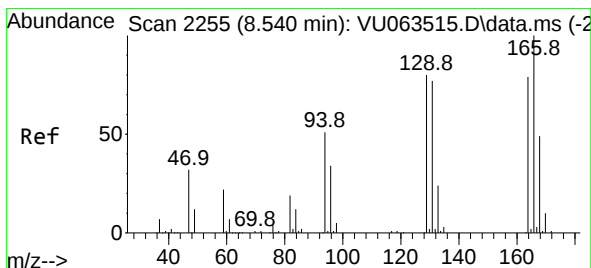
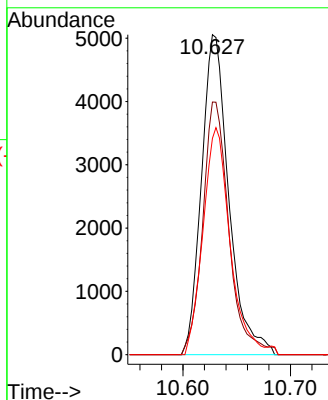
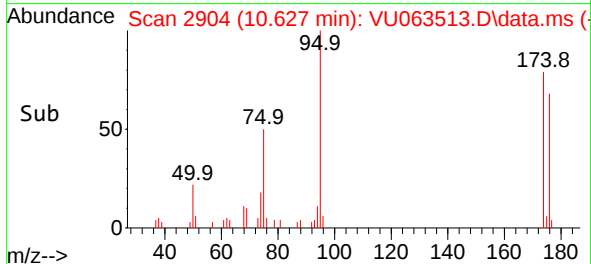
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



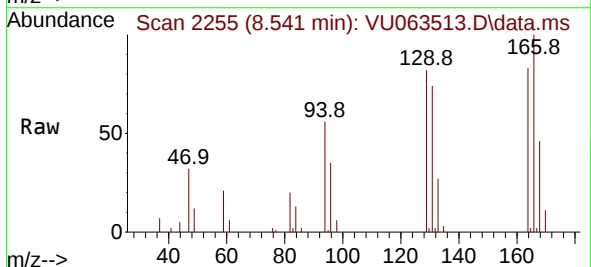
Tgt Ion: 95 Resp: 8919
Ion Ratio Lower Upper
95 100
174 75.9 59.8 89.8
176 70.1 61.8 92.8

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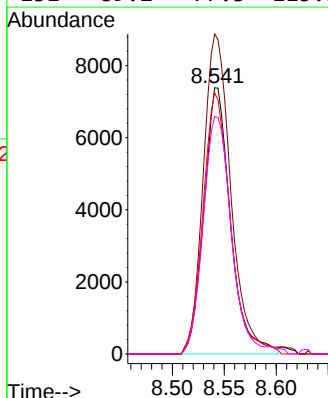
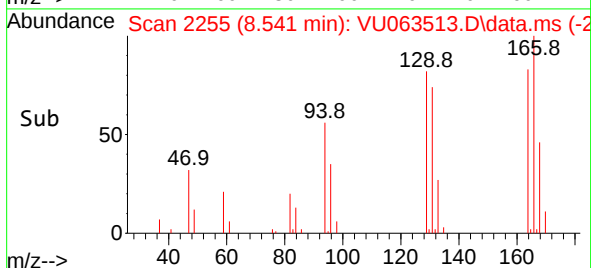
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

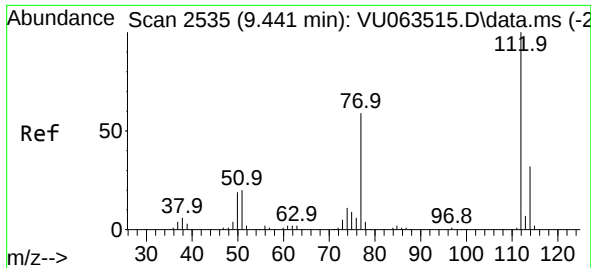


#58
Tetrachloroethene
Concen: 1.936 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27



Tgt Ion:164 Resp: 13165
Ion Ratio Lower Upper
164 100
166 120.2 100.7 151.1
129 98.1 80.6 120.8
131 89.2 77.3 115.9





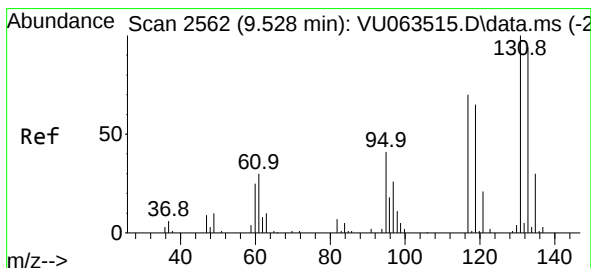
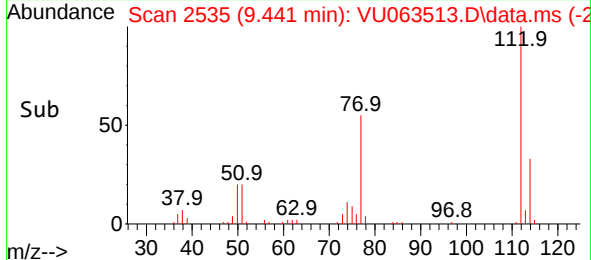
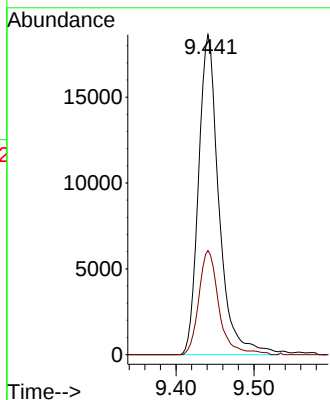
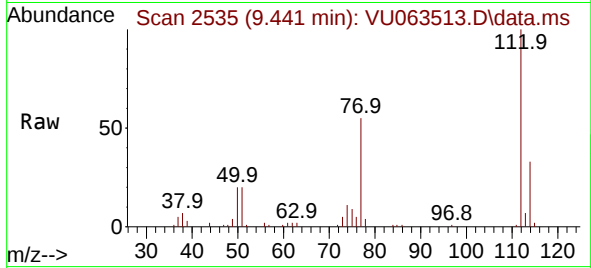
#59
Chlorobenzene
Concen: 1.858 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:112 Resp: 3392
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2

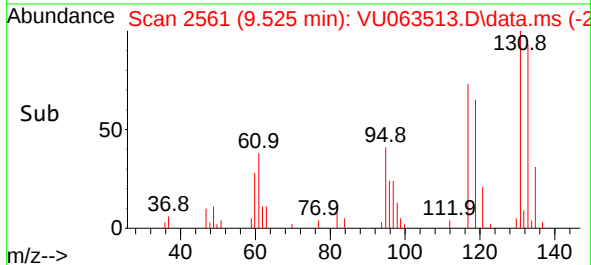
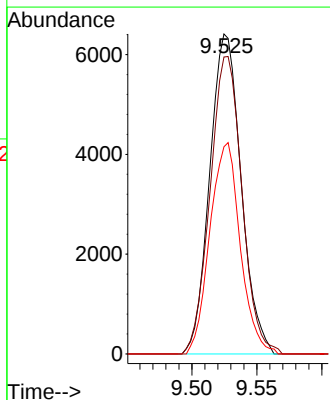
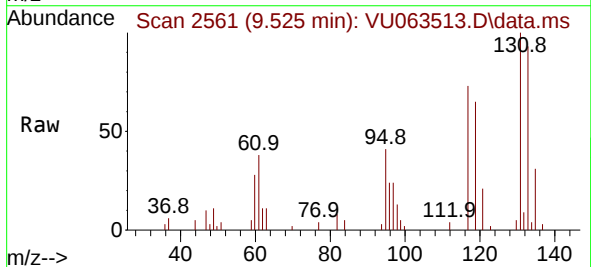
Manual Integrations
APPROVED

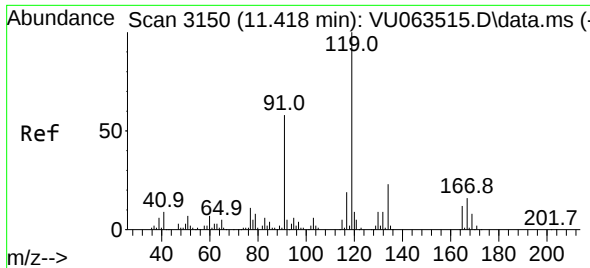
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 1.835 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

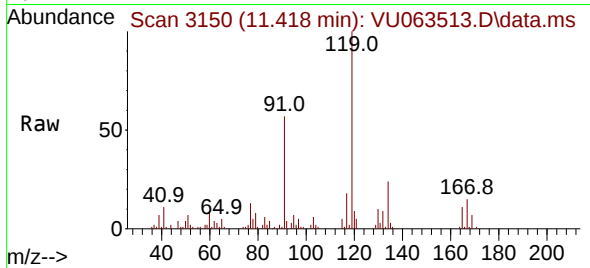
Tgt Ion:131 Resp: 10771
Ion Ratio Lower Upper
131 100
133 94.5 74.7 112.1
119 63.8 53.0 79.4





#61
Pentachloroethane
Concen: 1.758 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

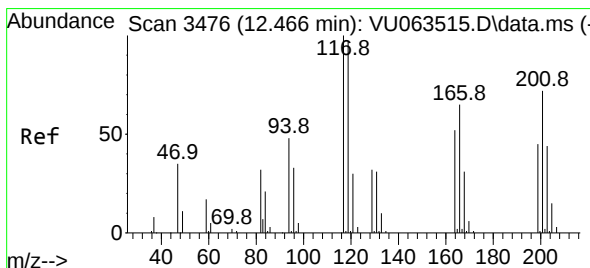
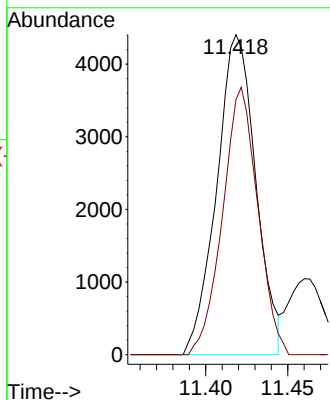
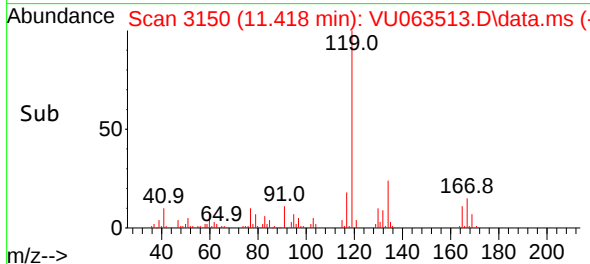
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



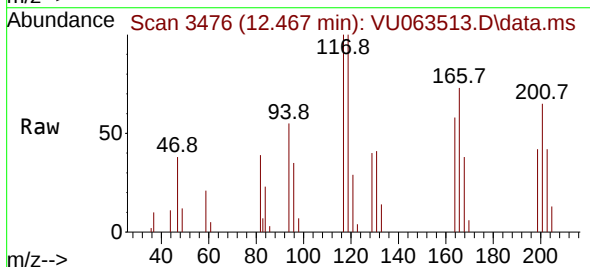
Tgt Ion:117 Resp: 7292
Ion Ratio Lower Upper
117 100
167 75.3 65.0 97.6

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APPROVED

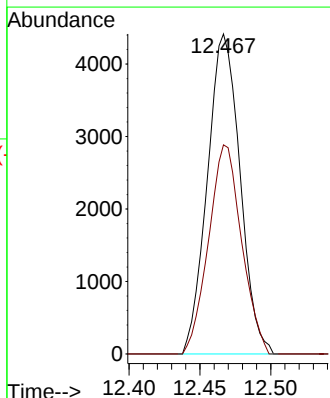
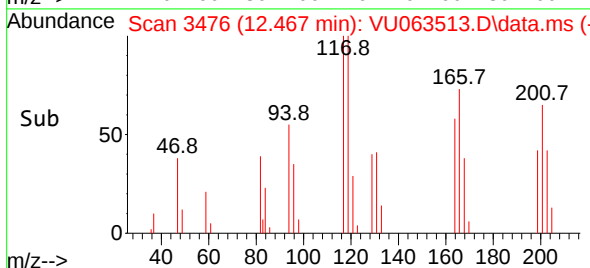
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

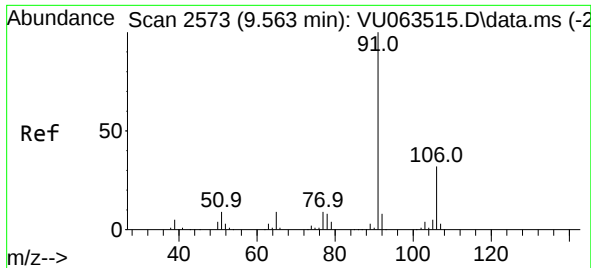


#62
Hexachloroethane
Concen: 1.722 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27



Tgt Ion:117 Resp: 7073
Ion Ratio Lower Upper
117 100
201 66.1 57.4 86.0





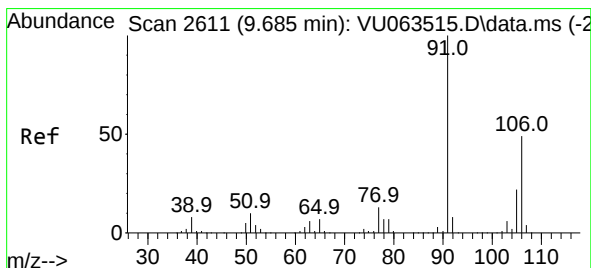
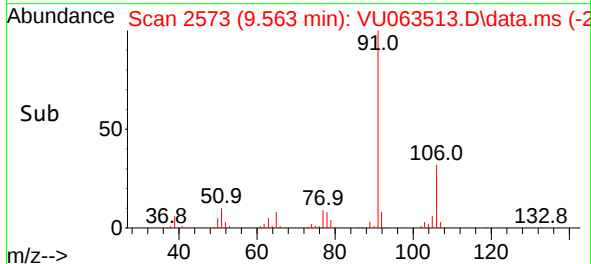
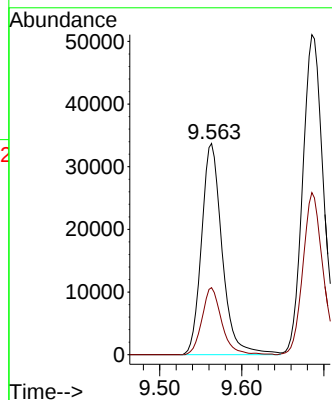
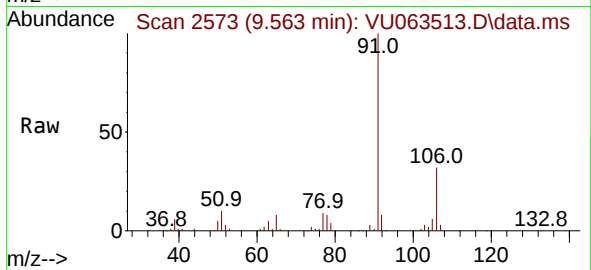
#63
Ethyl Benzene
Concen: 1.874 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 91 Resp: 58862
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.0

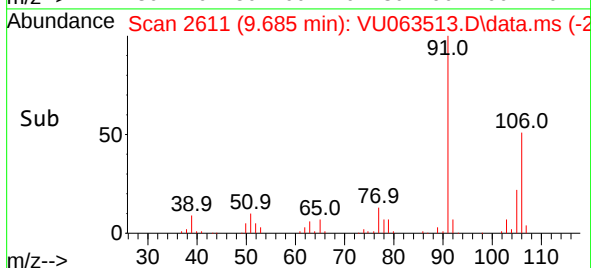
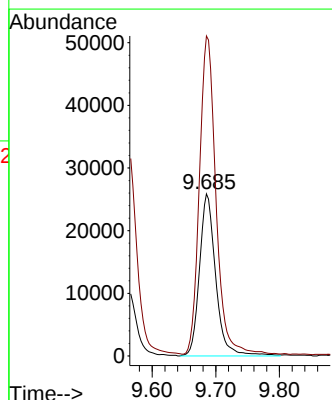
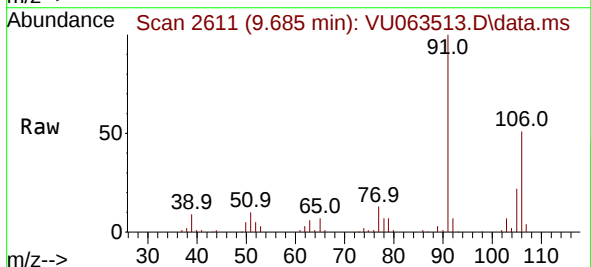
Manual Integrations
APPROVED

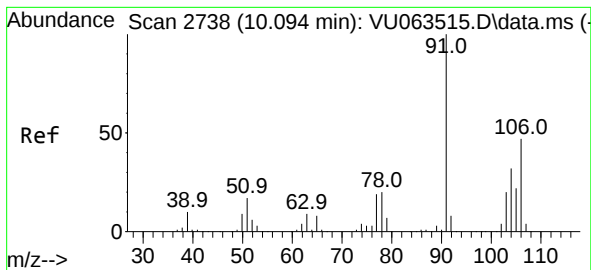
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#64
m/p-Xylenes
Concen: 3.756 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Tgt Ion:106 Resp: 45864
Ion Ratio Lower Upper
106 100
91 200.6 163.6 245.4





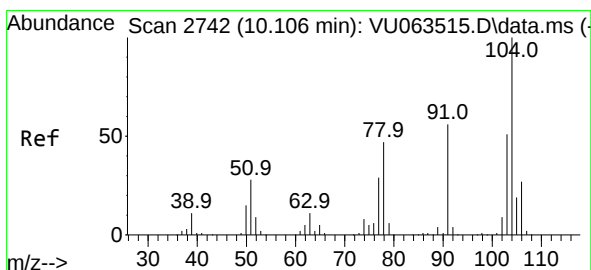
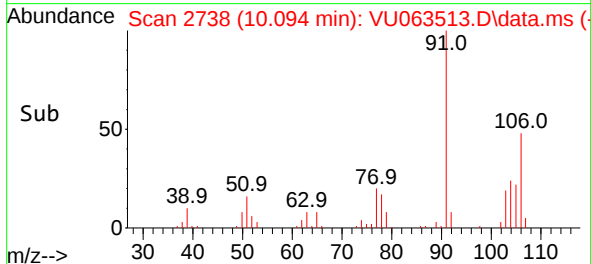
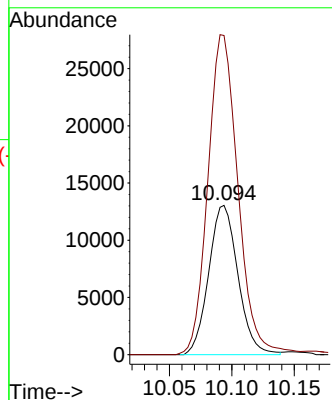
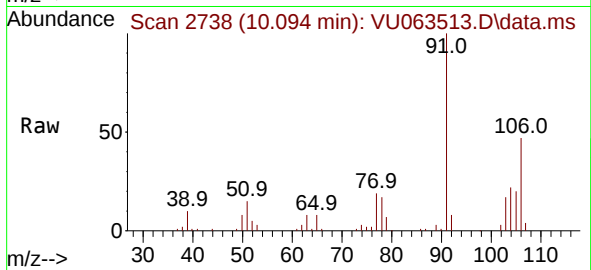
#65
o-Xylene
Concen: 1.819 ug/l
RT: 10.094 min Scan# 21340
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:106 Resp: 21340
Ion Ratio Lower Upper
106 100
91 220.0 108.1 324.4

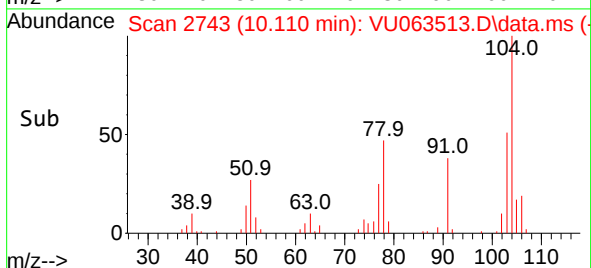
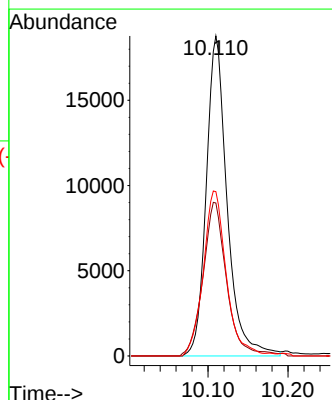
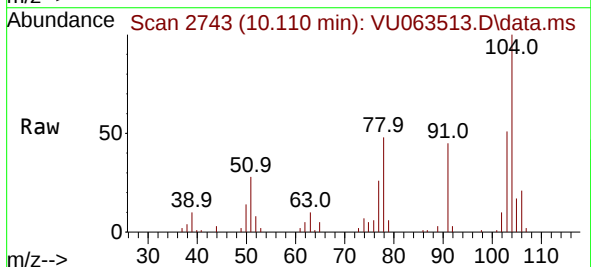
Manual Integrations
APPROVED

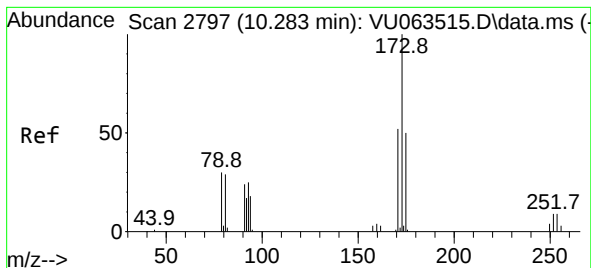
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#66
Styrene
Concen: 1.824 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Tgt Ion:104 Resp: 34112
Ion Ratio Lower Upper
104 100
78 54.5 41.3 61.9
103 56.6 43.6 65.4





#67

Bromoform

Concen: 1.759 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063513.D

Acq: 16 Jul 2025 10:27

Instrument :

MSVOA_U

ClientSampleId :

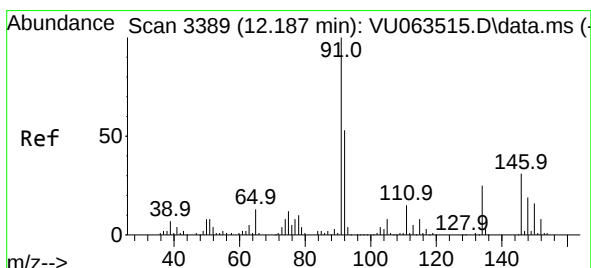
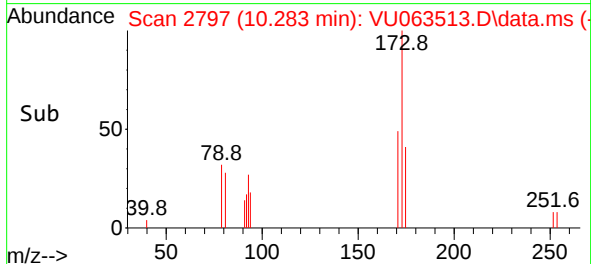
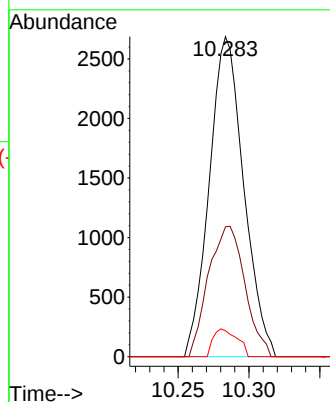
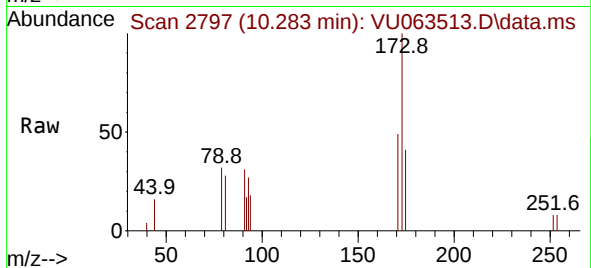
VSTDIC002

Tgt Ion:	173	Resp:	4530
Ion Ratio	Lower	Upper	
173	100		
175	43.1	39.0	58.4
254	6.0	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: 0.932 ug/l

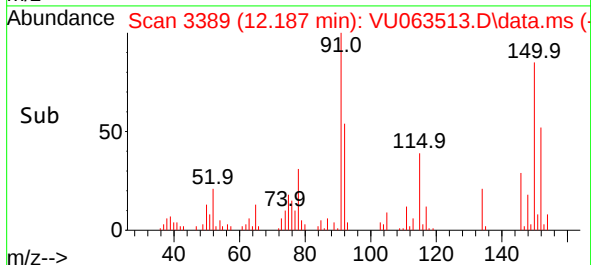
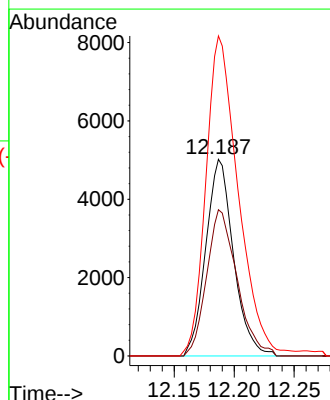
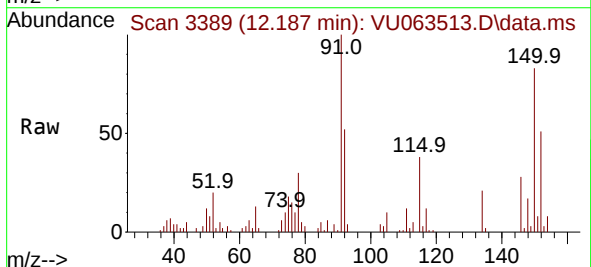
RT: 12.187 min Scan# 3389

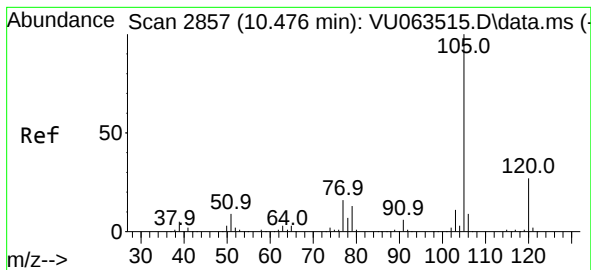
Delta R.T. 0.000 min

Lab File: VU063513.D

Acq: 16 Jul 2025 10:27

Tgt Ion:	152	Resp:	8064
Ion Ratio	Lower	Upper	
152	100		
115	81.3	0.0	262.2
150	189.8	0.0	651.2





#69

Isopropylbenzene

Concen: 1.842 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU063513.D

Acq: 16 Jul 2025 10:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion:105 Resp: 52260

Ion Ratio Lower Upper

105 100

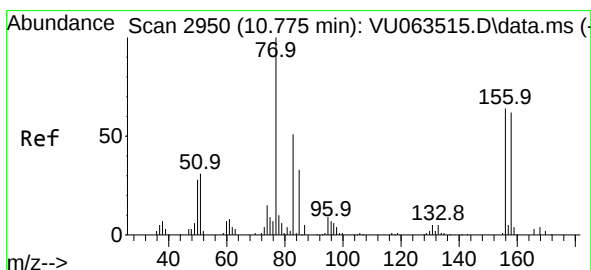
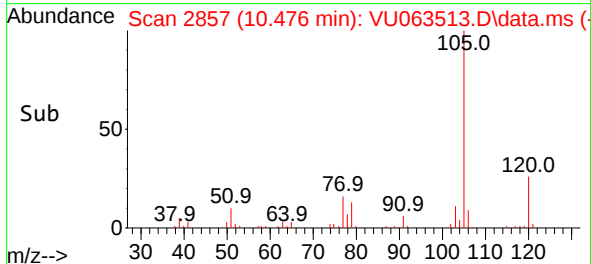
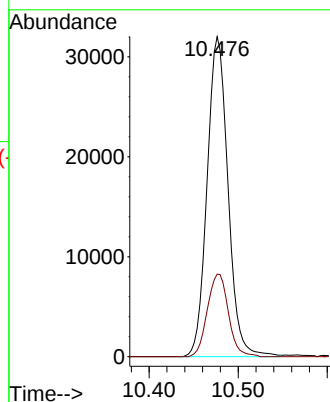
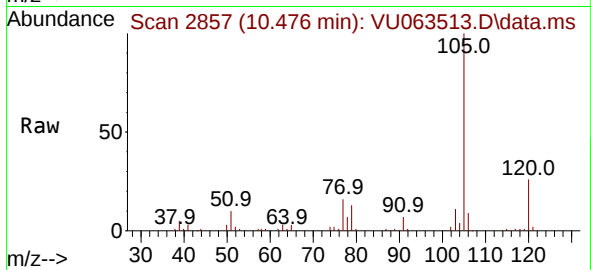
120 26.0 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 1.852 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU063513.D

Acq: 16 Jul 2025 10:27

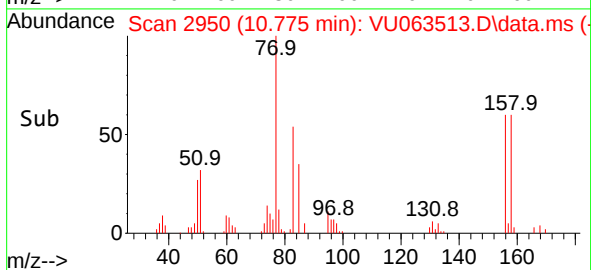
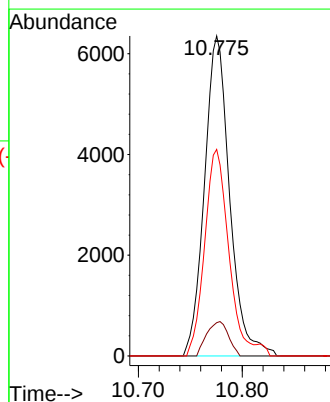
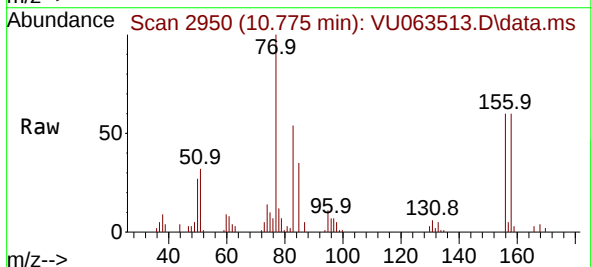
Tgt Ion: 83 Resp: 10710

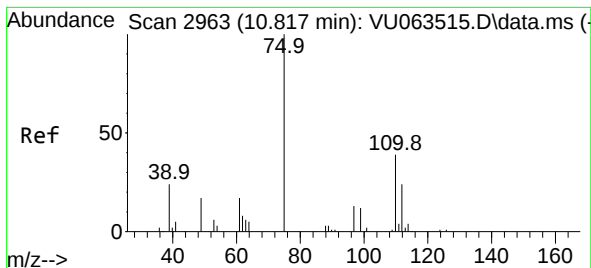
Ion Ratio Lower Upper

83 100

131 9.2 8.4 12.6

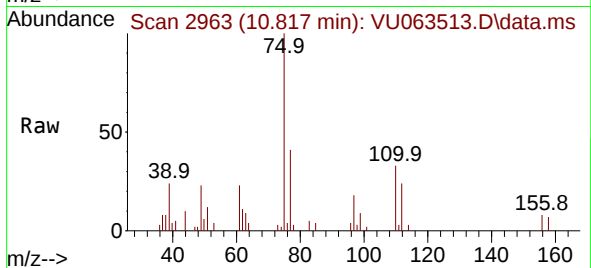
85 62.4 51.9 77.9





#71
1,2,3-Trichloropropane
Concen: 1.903 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

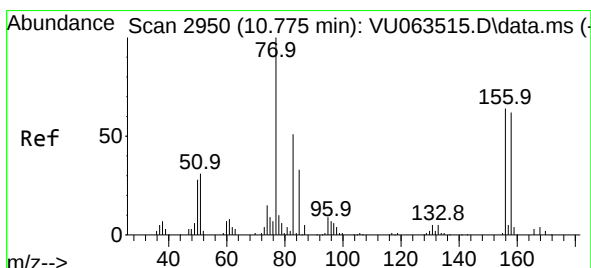
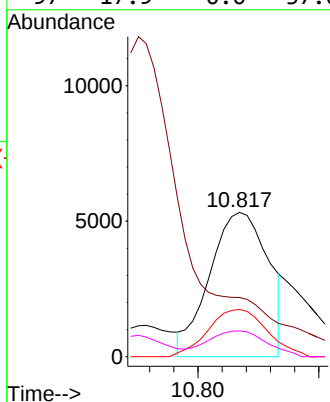
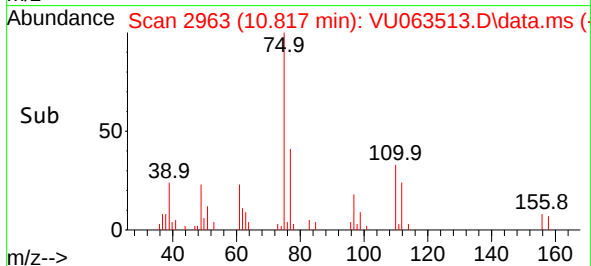
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



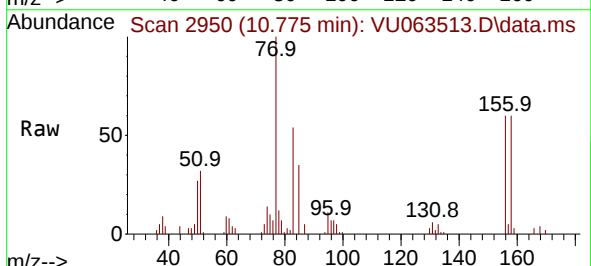
Tgt Ion: 75 Resp: 8980
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 32.8 0.0 73.2
97 17.9 0.0 37.6

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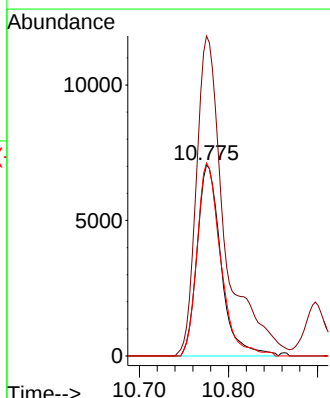
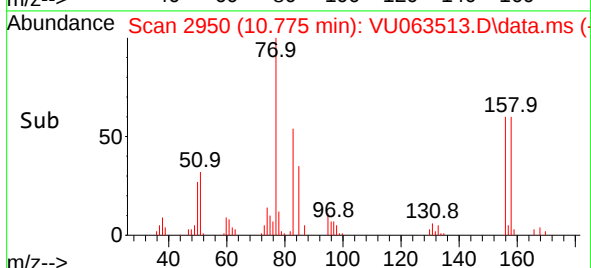
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

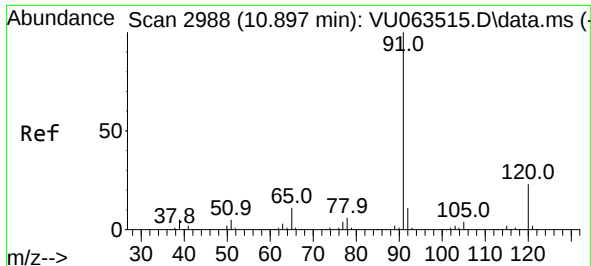


#72
Bromobenzene
Concen: 1.791 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27



Tgt Ion:156 Resp: 13109
Ion Ratio Lower Upper
156 100
77 200.0 0.0 315.2
158 100.1 0.0 195.4





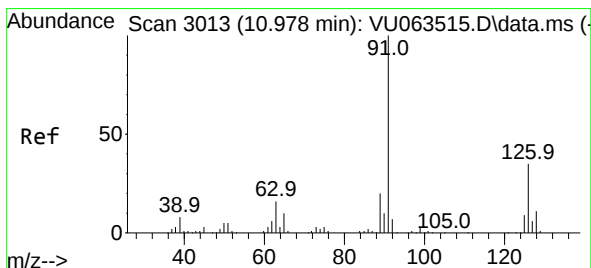
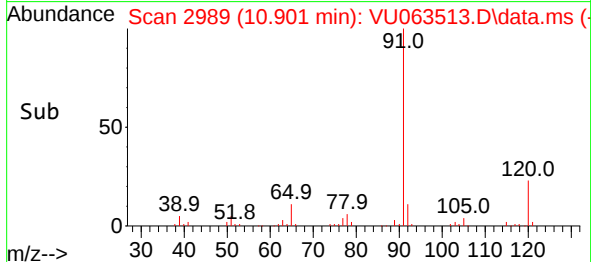
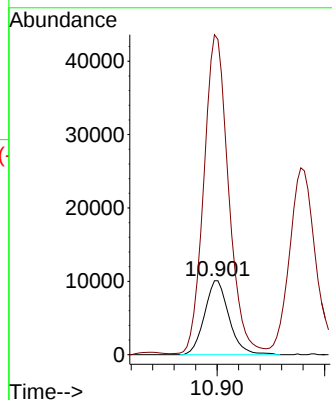
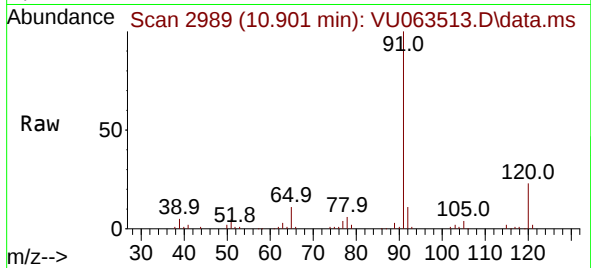
#73
n-propylbenzene
Concen: 1.868 ug/l
RT: 10.901 min Scan# 2988
Delta R.T. 0.003 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:120 Resp: 15950
Ion Ratio Lower Upper
120 100
91 434.9 343.1 514.7

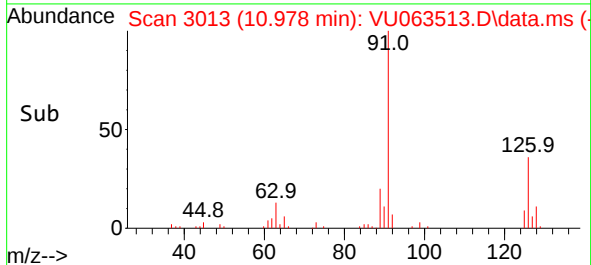
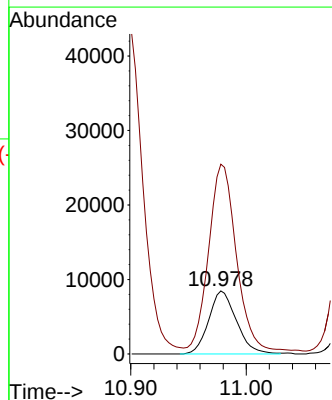
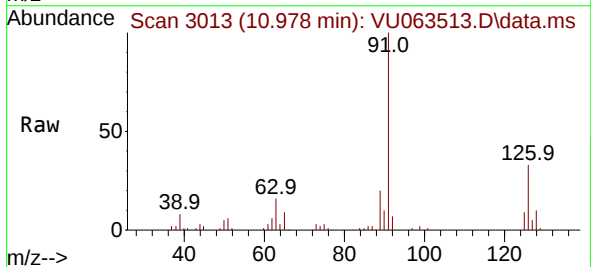
Manual Integrations
APPROVED

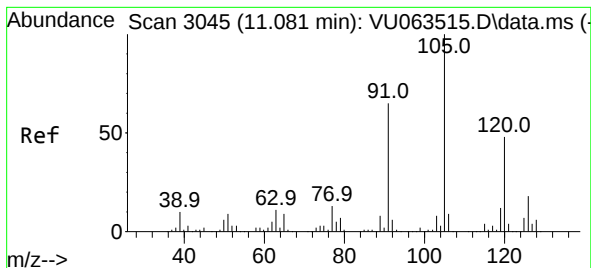
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#74
2-Chlorotoluene
Concen: 1.864 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Tgt Ion:126 Resp: 14070
Ion Ratio Lower Upper
126 100
91 299.8 0.0 606.0





#75

1,3,5-Trimethylbenzene

Concen: 1.847 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU063513.D

Acq: 16 Jul 2025 10:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion:105 Resp: 5006

Ion Ratio Lower Upper

105 100

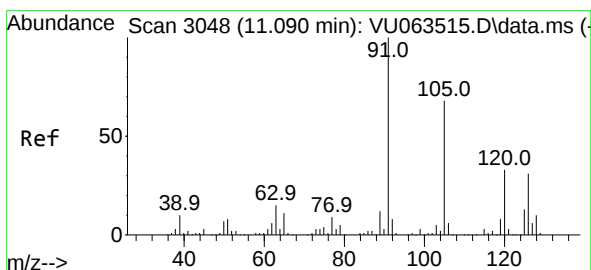
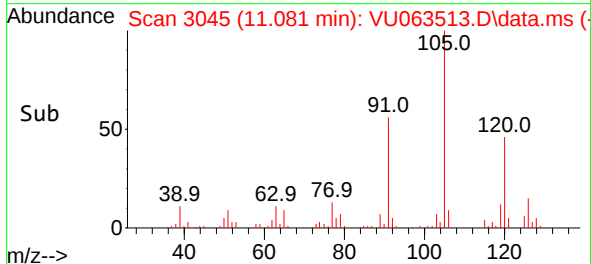
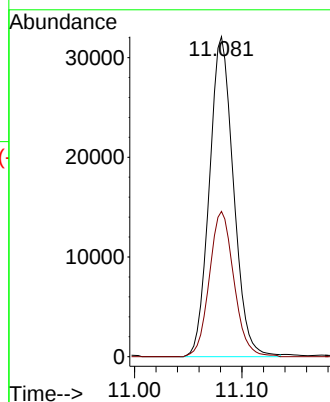
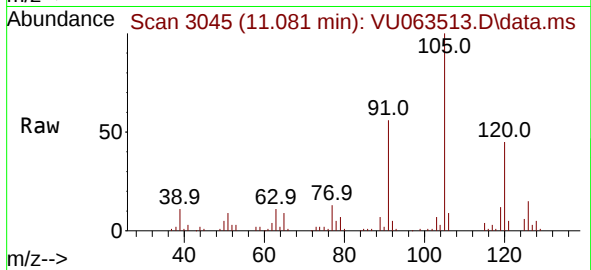
120 46.1 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#76

4-Chlorotoluene

Concen: 1.911 ug/l

RT: 11.094 min Scan# 3049

Delta R.T. 0.003 min

Lab File: VU063513.D

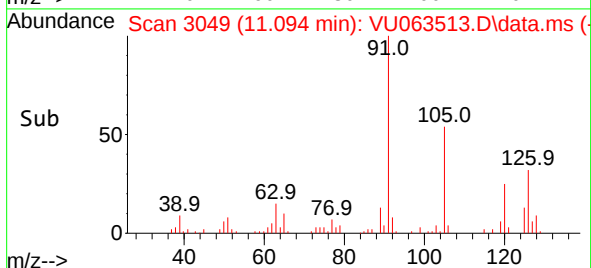
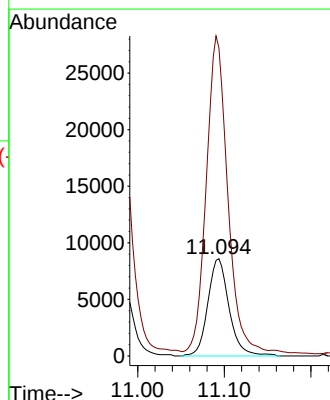
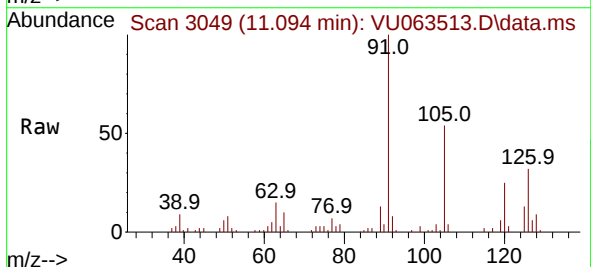
Acq: 16 Jul 2025 10:27

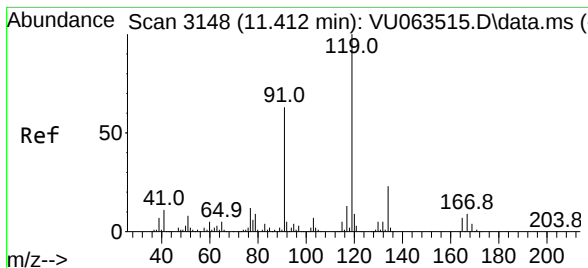
Tgt Ion:126 Resp: 14644

Ion Ratio Lower Upper

126 100

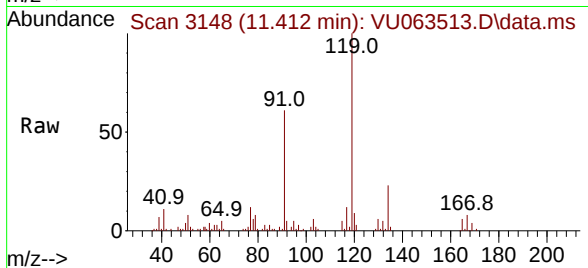
91 322.3 0.0 682.2





#77
tert-Butylbenzene
Concen: 1.860 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

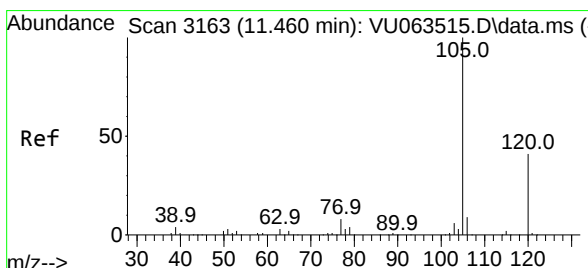
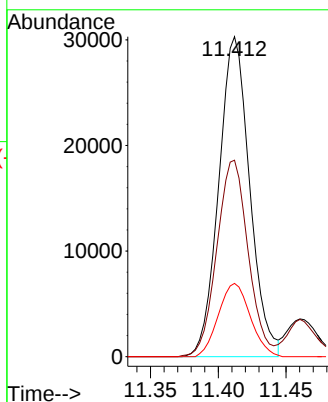
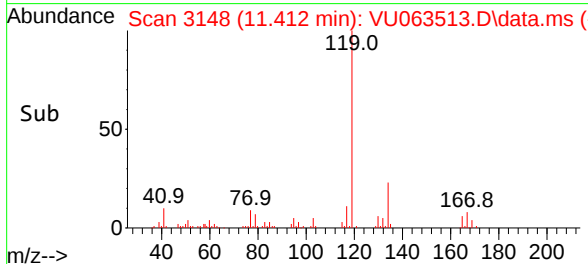
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



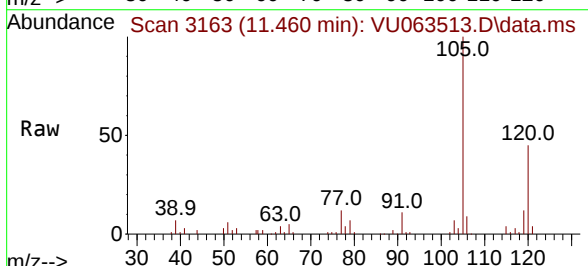
Tgt Ion:119 Resp: 48170
Ion Ratio Lower Upper
119 100
91 62.0 30.7 92.1
134 23.6 18.5 27.7

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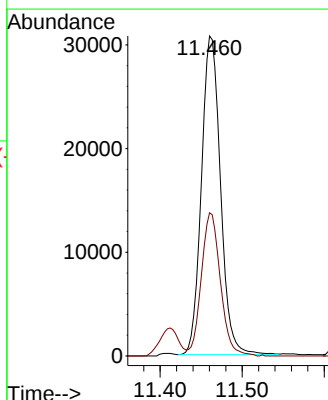
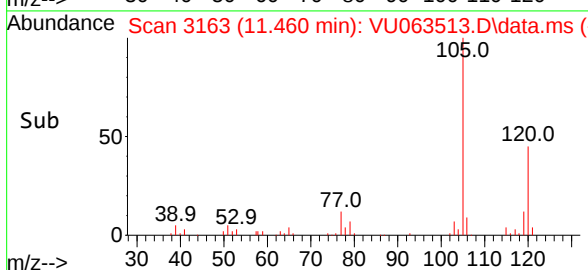
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

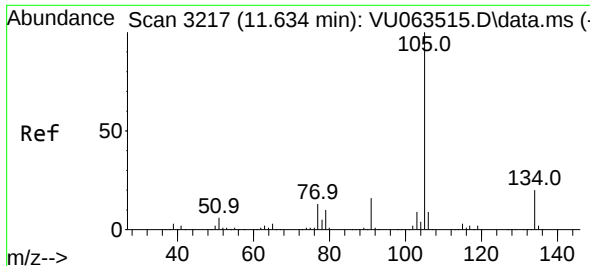


#78
1,2,4-Trimethylbenzene
Concen: 1.846 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27



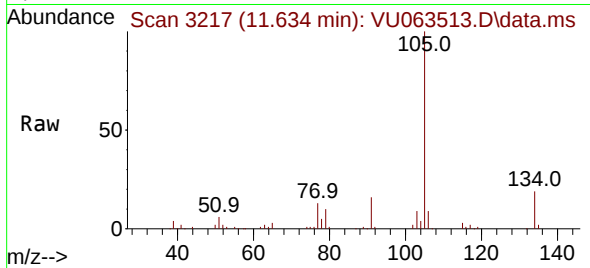
Tgt Ion:105 Resp: 49637
Ion Ratio Lower Upper
105 100
120 45.0 22.7 68.0





#79
 sec-Butylbenzene
 Concen: 1.845 ug/l
 RT: 11.634 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU063513.D
 Acq: 16 Jul 2025 10:27

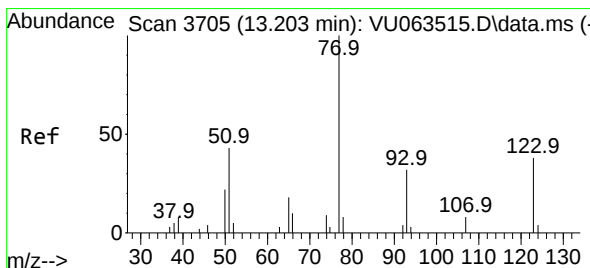
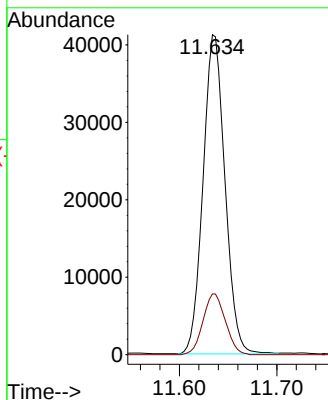
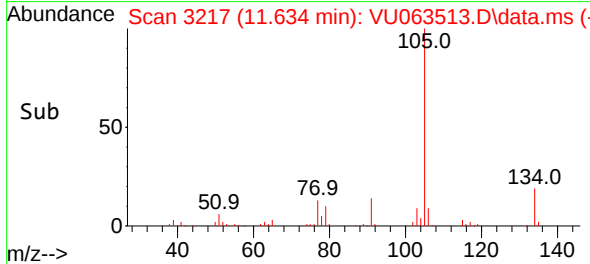
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002



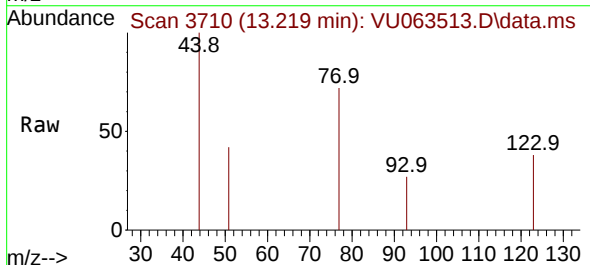
Tgt Ion:105 Resp: 6444
 Ion Ratio Lower Upper
 105 100
 134 19.4 16.2 24.4

Manual Integrations
 APPROVED

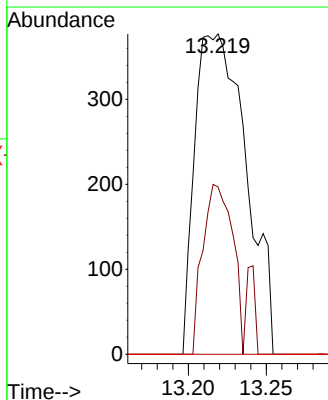
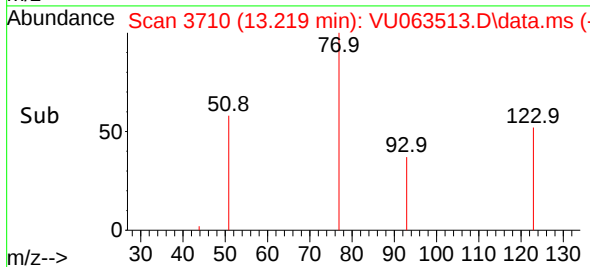
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

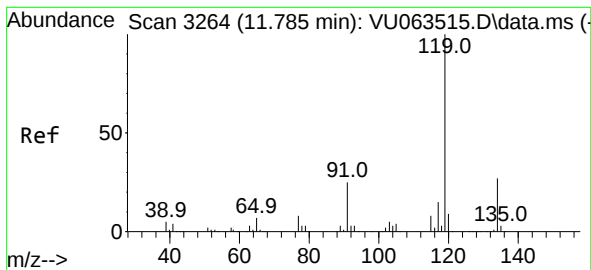


#80
 Nitrobenzene
 Concen: 9.644 ug/l
 RT: 13.219 min Scan# 3710
 Delta R.T. 0.016 min
 Lab File: VU063513.D
 Acq: 16 Jul 2025 10:27



Tgt Ion: 77 Resp: 861
 Ion Ratio Lower Upper
 77 100
 123 31.0 16.9 59.7
 65 0.0 16.5 20.9#





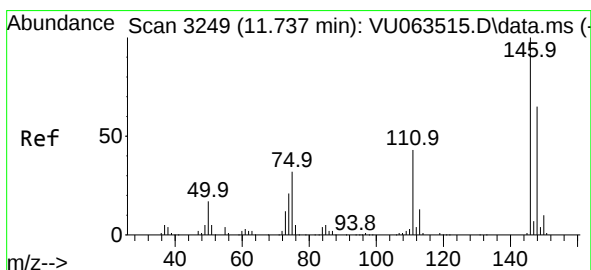
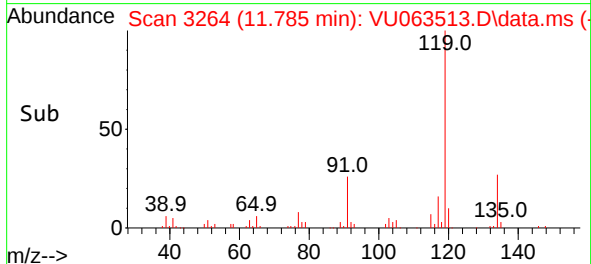
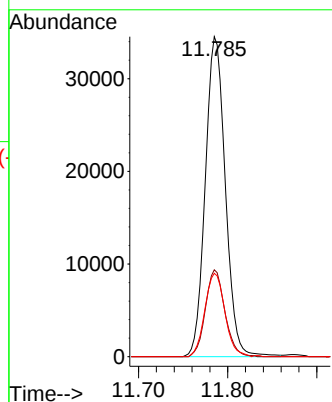
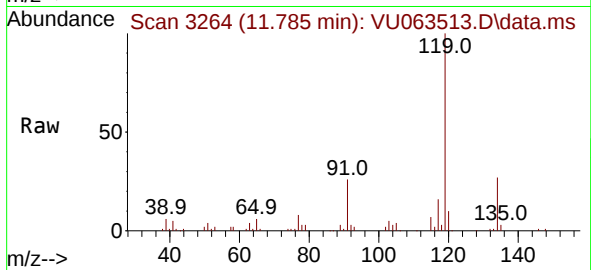
#81
p-Isopropyltoluene
Concen: 1.850 ug/l
RT: 11.785 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 5392
Ion Ratio Lower Upper
119 100
134 26.3 21.1 31.7
91 26.0 19.8 29.8

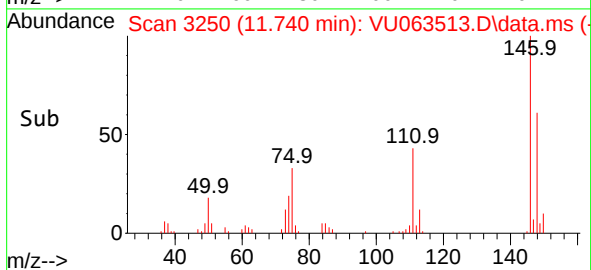
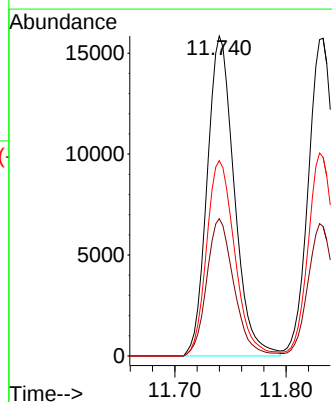
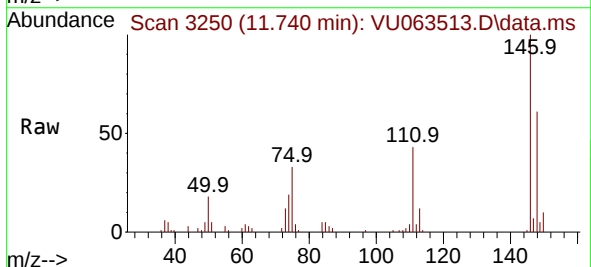
Manual Integrations
APPROVED

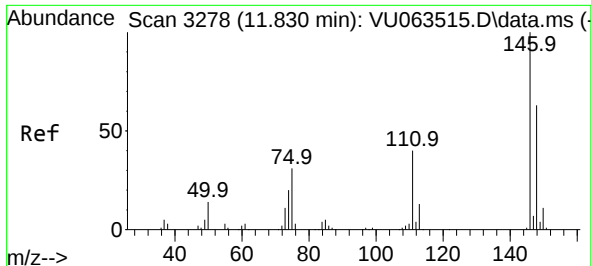
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#82
1,3-Dichlorobenzene
Concen: 1.833 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

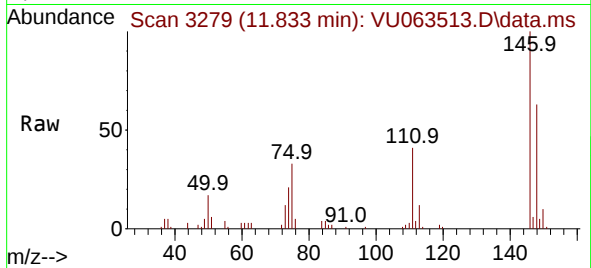
Tgt Ion:146 Resp: 26844
Ion Ratio Lower Upper
146 100
111 43.2 33.8 50.6
148 63.5 51.5 77.3





#83
1,4-Dichlorobenzene
Concen: 1.818 ug/l
RT: 11.833 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

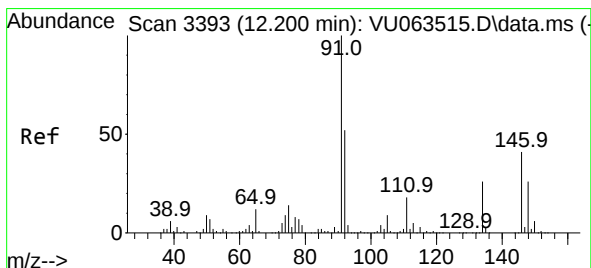
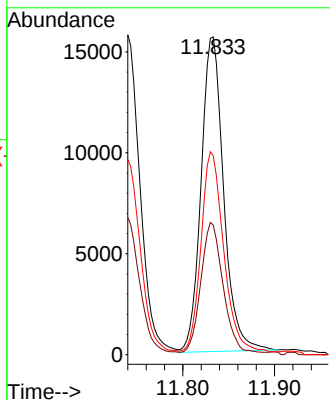
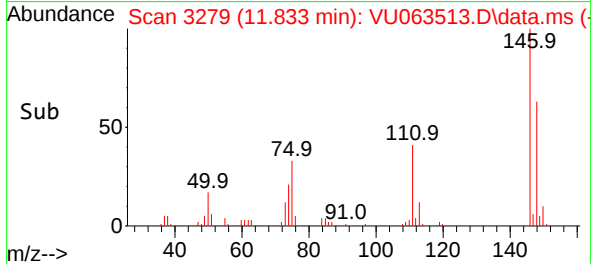
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



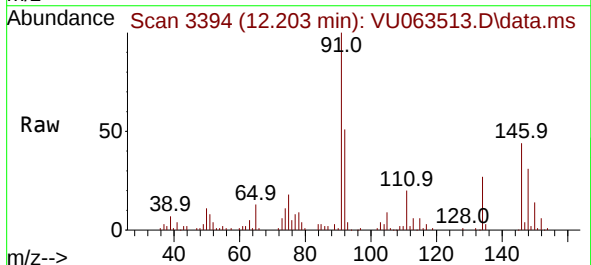
Tgt Ion:146 Resp: 26650
Ion Ratio Lower Upper
146 100
111 40.4 32.0 48.0
148 64.6 50.2 75.2

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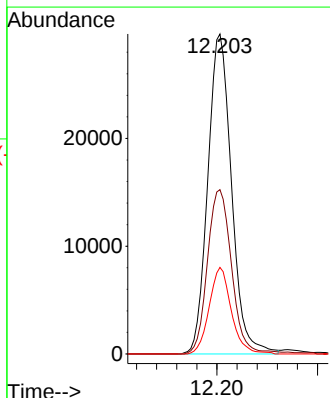
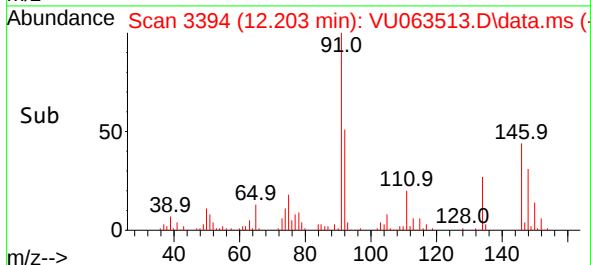
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

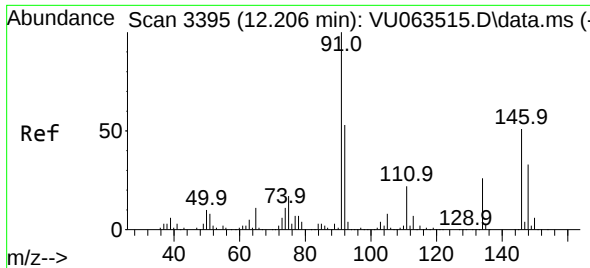


#84
n-Butylbenzene
Concen: 1.801 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27



Tgt Ion: 91 Resp: 48694
Ion Ratio Lower Upper
91 100
92 52.6 41.5 62.3
134 25.2 20.6 30.8





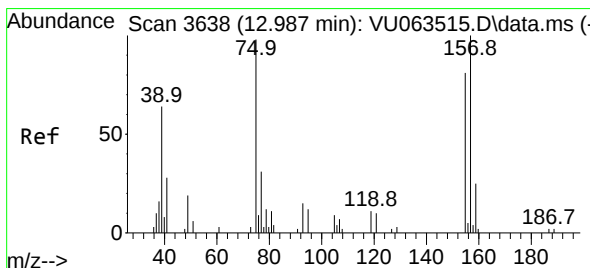
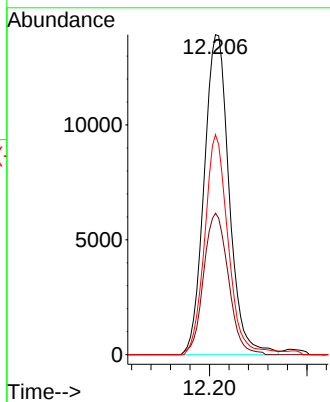
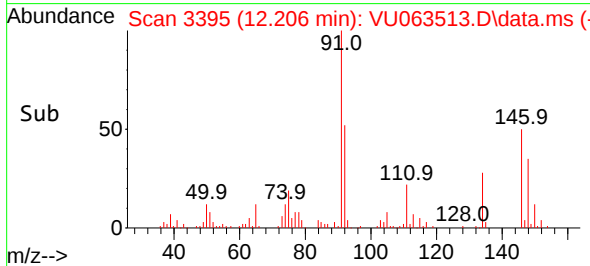
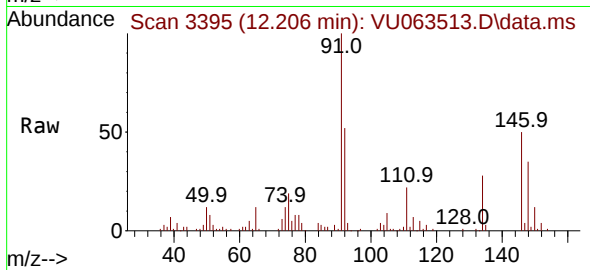
#85
1,2-Dichlorobenzene
Concen: 1.805 ug/l
RT: 12.206 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 24834
Ion Ratio Lower Upper
146 100
111 43.8 21.7 65.1
148 64.9 31.8 95.3

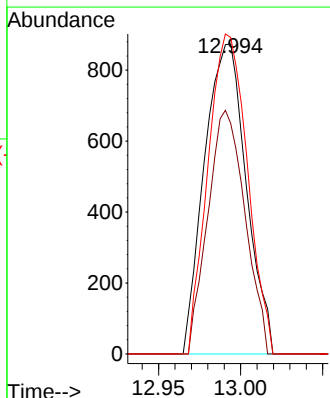
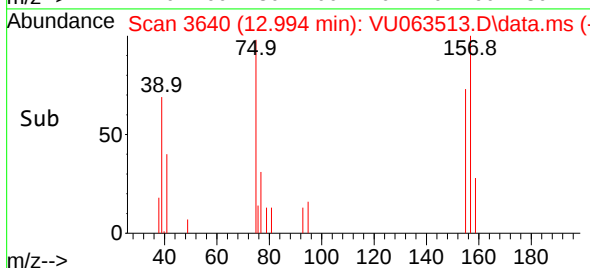
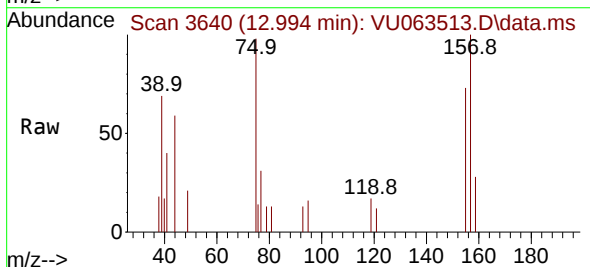
Manual Integrations
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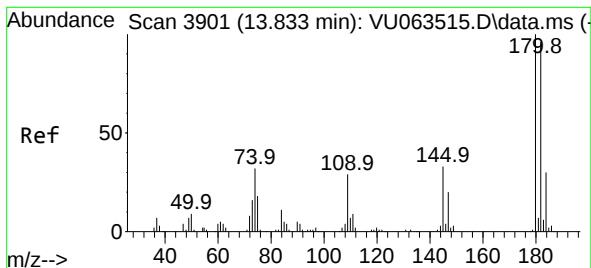
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 2.046 ug/l
RT: 12.994 min Scan# 3640
Delta R.T. 0.007 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

Tgt Ion: 75 Resp: 1550
Ion Ratio Lower Upper
75 100
155 69.8 65.8 98.6
157 97.1 81.4 122.2





#87

1,2,4-Trichlorobenzene

Concen: 1.791 ug/l

RT: 13.836 min Scan# 3901

Delta R.T. 0.003 min

Lab File: VU063513.D

Acq: 16 Jul 2025 10:27

Instrument :

MSVOA_U

ClientSampleId :

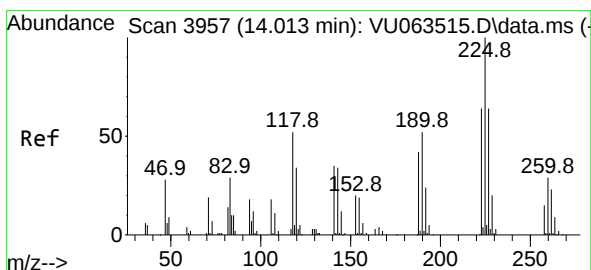
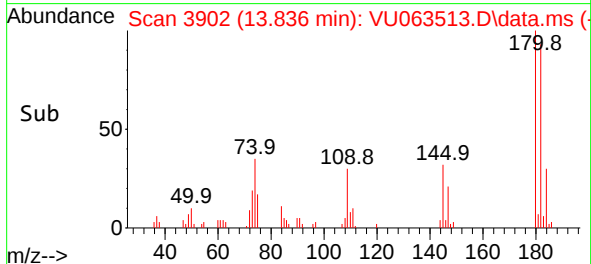
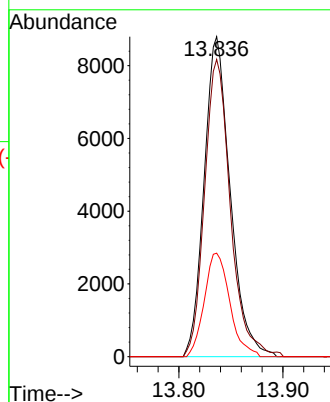
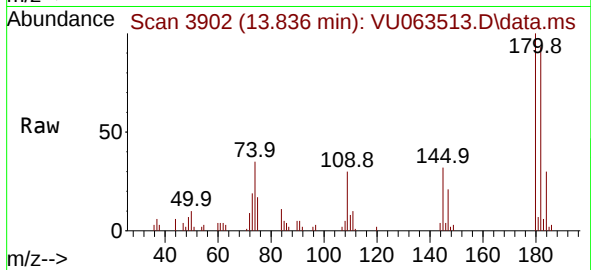
VSTDICC002

Tgt Ion:180	Resp:	1532
Ion Ratio	Lower	Upper
180	100	
182	91.9	76.2 114.4
145	31.6	26.2 39.2

Manual Integrations

APPROVED

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



#88

Hexachlorobutadiene

Concen: 1.826 ug/l

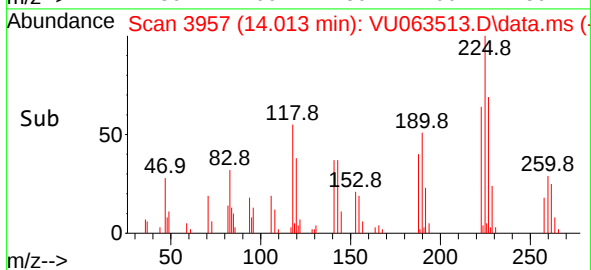
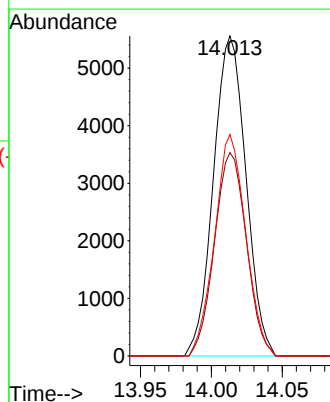
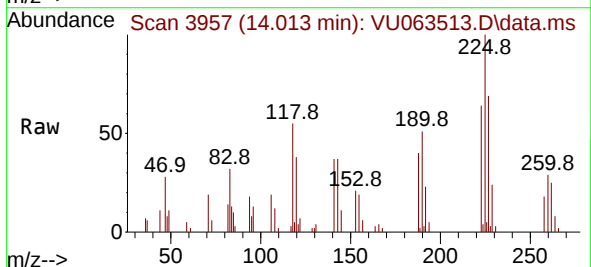
RT: 14.013 min Scan# 3957

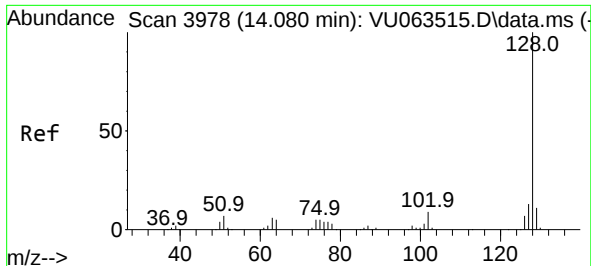
Delta R.T. 0.000 min

Lab File: VU063513.D

Acq: 16 Jul 2025 10:27

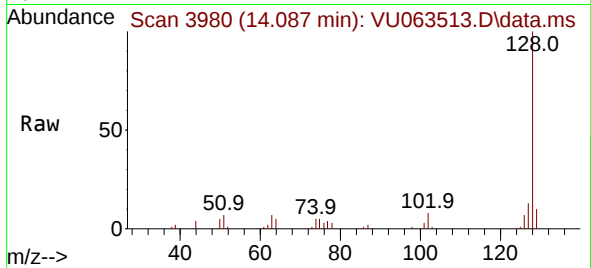
Tgt Ion:225	Resp:	8872
Ion Ratio	Lower	Upper
225	100	
223	62.3	50.8 76.2
227	66.2	51.0 76.6





#89
Naphthalene
Concen: 1.675 ug/l
RT: 14.087 min Scan# 3978
Delta R.T. 0.007 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27

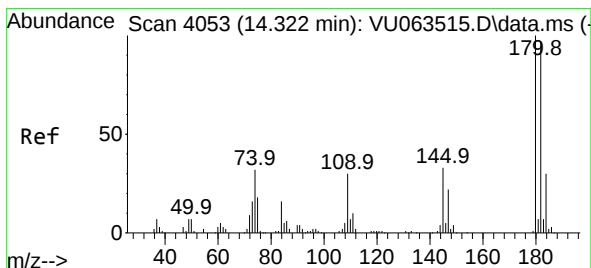
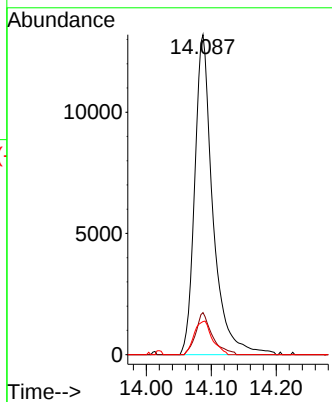
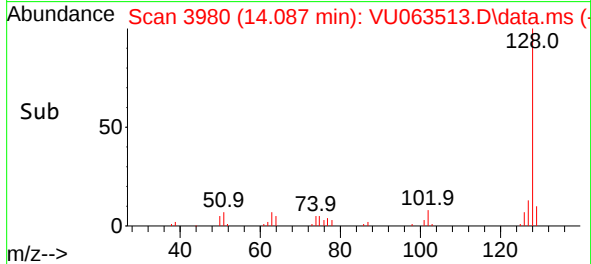
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



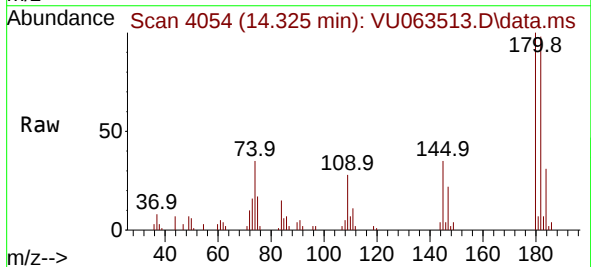
Tgt Ion:128 Resp: 2569
Ion Ratio Lower Upper
128 100
127 11.9 10.2 15.4
129 10.4 8.8 13.2

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 1.770 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU063513.D
Acq: 16 Jul 2025 10:27



Tgt Ion:180 Resp: 13999
Ion Ratio Lower Upper
180 100
182 98.2 78.0 117.0
145 33.8 27.3 40.9

