

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071825\
 Data File : VU063544.D
 Acq On : 18 Jul 2025 18:56
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

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

Quant Time: Jul 18 23:52:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:49:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.100	96	16944	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	7893	1.230	ug/l	0.00
Spiked Amount 1.000			Recovery	=	123.000%	
68) 1,2-Dichlorobenzene-d4	12.183	152	7815	1.317	ug/l	0.00
Spiked Amount 1.000			Recovery	=	132.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	55027	11.014	ug/l	100
3) Chloromethane	1.518	50	56740	12.218	ug/l	99
4) Vinyl Chloride	1.599	62	72380	12.237	ug/l	99
5) Bromomethane	1.843	94	59248	13.283	ug/l	100
6) Chloroethane	1.923	64	45697	12.795	ug/l	97
7) Trichlorofluoromethane	2.129	101	108515	12.778	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	59688	13.449	ug/l	99
9) 1,1-Dichloroethene	2.567	96	56826	12.918	ug/l	98
10) Iodomethane	2.708	142	50641	7.910	ug/l	99
11) Allyl Chloride	2.907	41	80093	12.603	ug/l	98
12) Acrylonitrile	3.306	53	26992	24.532	ug/l	# 91
13) Acetone	2.618	43	51807	58.771	ug/l	97
14) Carbon Disulfide	2.779	76	142640	10.039	ug/l	100
15) Methylene Chloride	3.030	84	67426	13.019	ug/l	99
16) trans-1,2-Dichloroethene	3.335	96	64054	12.821	ug/l	97
17) 1,1-Dichloroethane	3.849	63	125142	13.514	ug/l	99
18) 2-Butanone	4.711	43	88319	64.697	ug/l	99
19) Cyclohexane	5.357	56	98695	12.588	ug/l	99
20) Methylcyclohexane	6.743	83	81396	10.681	ug/l	98
21) 2,2-Dichloropropane	4.644	77	82714	10.490	ug/l	100
22) cis-1,2-Dichloroethene	4.647	96	71865	13.256	ug/l	99
23) Diethyl Ether	2.370	59	45578	13.597	ug/l	98
24) tert-Butyl Alcohol	3.190	59	52107	128.772	ug/l	99
25) Methyl tert-Butyl Ether	3.361	73	154471	13.451	ug/l	100
26) Bromochloromethane	4.955	128	31253	13.807	ug/l	97
27) Chloroform	5.071	83	127296	13.472	ug/l	99
28) 1,1,1-Trichloroethane	5.293	97	102746	12.812	ug/l	98
29) 1,1-Dichloropropene	5.502	75	95659	12.876	ug/l	98
30) Carbon Tetrachloride	5.499	117	82331	12.755	ug/l	99
31) Isopropyl Ether	3.991	45	184409	13.193	ug/l	100
32) Ethyl-t-butyl ether	4.502	59	172224	13.314	ug/l	99
33) Tert-Amyl methyl ether	5.939	73	115354	10.275	ug/l	98
34) Propionitrile	4.775	54	26850	64.554	ug/l	99
35) Benzene	5.753	78	269322	13.492	ug/l	98
36) 1,2-Dichloroethane	5.779	62	84780	13.669	ug/l	99
37) Trichloroethene	6.525	130	55354	10.869	ug/l	95
38) 1,2-Dichloropropane	6.779	63	57574	12.324	ug/l	99
39) Methacrylonitrile	4.968	41	24023	12.993	ug/l	98
40) Methyl acrylate	4.846	55	36577	13.534	ug/l	98
41) Tetrahydrofuran	5.062	42	24259	24.943	ug/l	99
42) 1-Chlorobutane	5.438	56	128731	13.033	ug/l	100
43) Dibromomethane	6.907	93	29845	12.332	ug/l	93
44) Bromodichloromethane	7.094	83	63878	11.704	ug/l	97

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Instrument :
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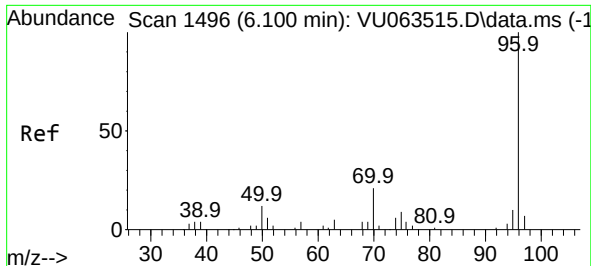
Manual Integrations
 APPROVED

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

Quant Time: Jul 18 23:52:37 2025
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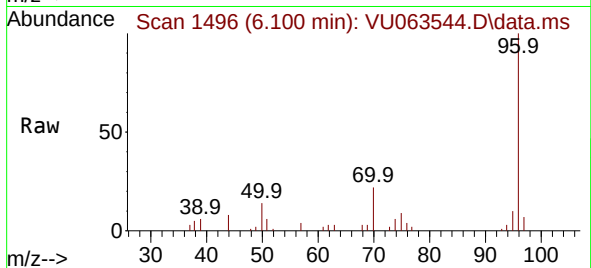
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	164133	65.803	ug/l	99
46) t-1,4-Dichloro-2-butene	10.820	75	21387m	22.841	ug/l	
47) Methyl methacrylate	6.962	69	50298	24.746	ug/l	99
48) Ethyl methacrylate	8.332	69	50754	13.085	ug/l	97
49) Toluene	7.959	92	139138	12.767	ug/l	99
50) t-1,3-Dichloropropene	8.203	75	48452	11.315	ug/l	99
51) cis-1,3-Dichloropropene	7.598	75	66305	11.536	ug/l	99
52) 1,1,2-Trichloroethane	8.393	97	42195	12.950	ug/l	98
53) 1,3-Dichloropropane	8.566	76	73196	13.013	ug/l	99
54) 2-Hexanone	8.685	43	110434	66.656	ug/l	100
55) Dibromochloromethane	8.801	129	42027	12.206	ug/l	99
56) 1,2-Dibromoethane	8.914	107	36648	12.568	ug/l	100
58) Tetrachloroethene	8.541	164	53824	11.547	ug/l	98
59) Chlorobenzene	9.438	112	157970	12.620	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.524	131	47992	11.922	ug/l	99
61) Pentachloroethane	11.418	117	36881	12.966	ug/l	93
62) Hexachloroethane	12.466	117	35155	12.481	ug/l	93
63) Ethyl Benzene	9.560	91	273334	12.689	ug/l	99
64) m/p-Xylenes	9.685	106	219209	26.181	ug/l	99
65) o-Xylene	10.090	106	106017	13.178	ug/l	99
66) Styrene	10.106	104	174794	13.632	ug/l	98
67) Bromoform	10.280	173	19734	11.159	ug/l	99
69) Isopropylbenzene	10.476	105	258453	13.288	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	53834	13.578	ug/l	100
71) 1,2,3-Trichloropropane	10.814	75	35001m	10.870	ug/l	
72) Bromobenzene	10.772	156	63661	12.683	ug/l	96
73) n-propylbenzene	10.897	120	78962	13.486	ug/l	98
74) 2-Chlorotoluene	10.978	126	68161	13.172	ug/l	99
75) 1,3,5-Trimethylbenzene	11.077	105	253211	13.628	ug/l	100
76) 4-Chlorotoluene	11.090	126	70511	13.418	ug/l	98
77) tert-Butylbenzene	11.412	119	237522	13.376	ug/l	98
78) 1,2,4-Trimethylbenzene	11.460	105	251804	13.660	ug/l	100
79) sec-Butylbenzene	11.634	105	328415	13.715	ug/l	98
80) Nitrobenzene	13.203	77	3504	41.586	ug/l #	91
81) p-Isopropyltoluene	11.785	119	273292	13.672	ug/l	99
82) 1,3-Dichlorobenzene	11.737	146	133319	13.274	ug/l	99
83) 1,4-Dichlorobenzene	11.827	146	134977	13.426	ug/l	100
84) n-Butylbenzene	12.200	91	259823	14.015	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	125256	13.275	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.987	75	7568	11.029	ug/l	98
87) 1,2,4-Trichlorobenzene	13.833	180	74166	12.640	ug/l	100
88) Hexachlorobutadiene	14.013	225	41074	12.327	ug/l	99
89) Naphthalene	14.081	128	132336	12.586	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	69414	12.802	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

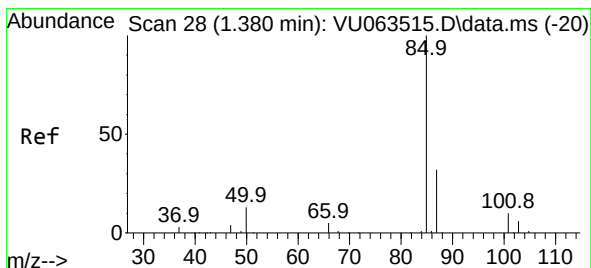
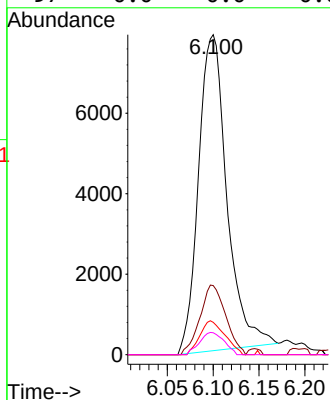
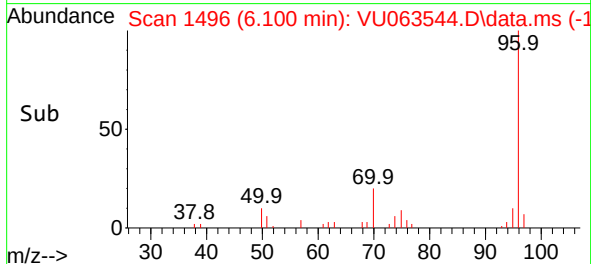
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 96 Resp: 16944
Ion Ratio Lower Upper
96 100
70 19.9 15.0 22.4
95 9.4 7.4 11.0
97 0.0 0.0 0.0

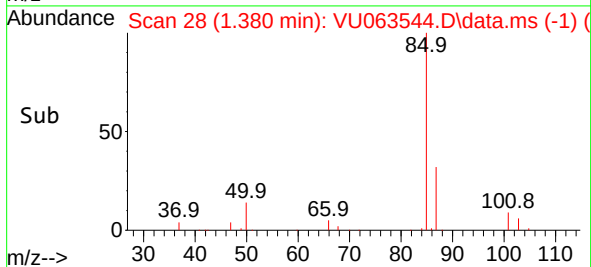
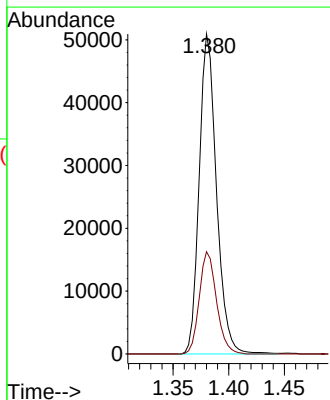
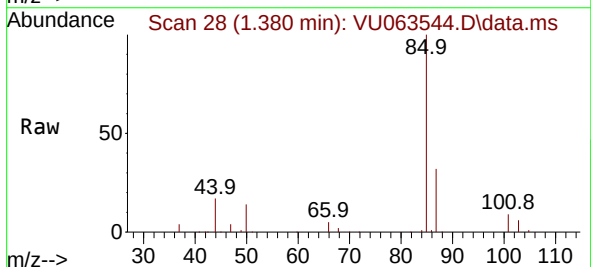
Manual Integrations
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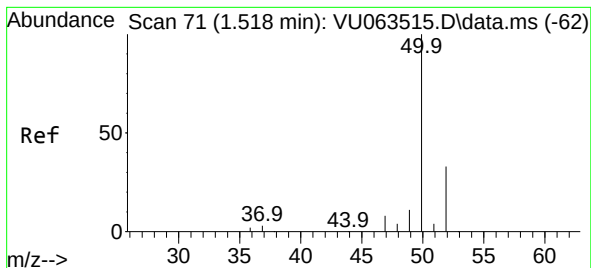
Reviewed By :Semsettin Yesilyurt 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#2
Dichlorodifluoromethane
Concen: 11.014 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion: 85 Resp: 55027
Ion Ratio Lower Upper
85 100
87 31.9 16.0 47.9





#3

Chloromethane

Concen: 12.218 ug/l

RT: 1.518 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 50 Resp: 56740

Ion Ratio Lower Upper

50 100

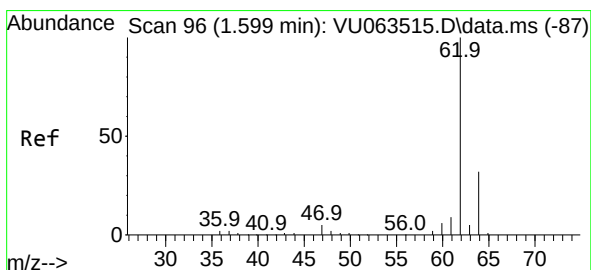
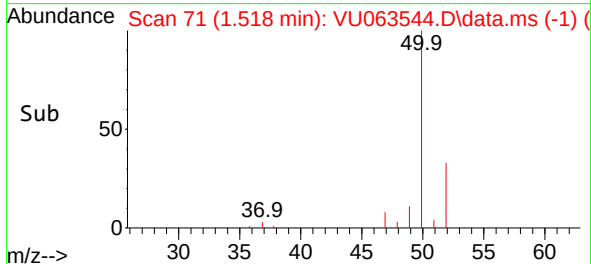
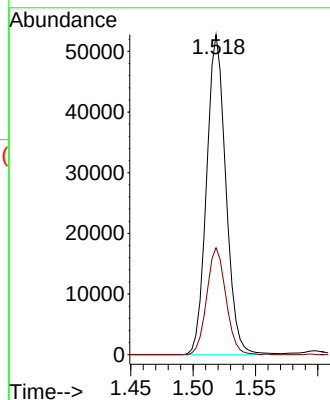
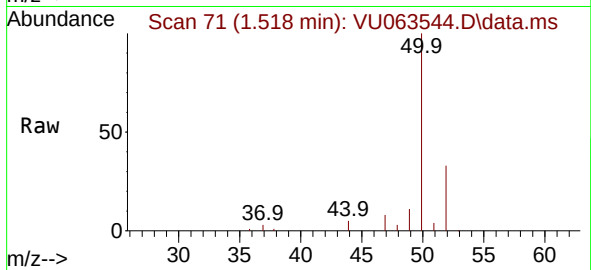
52 33.4 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#4

Vinyl Chloride

Concen: 12.237 ug/l

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU063544.D

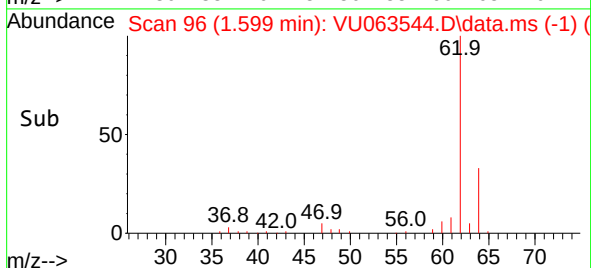
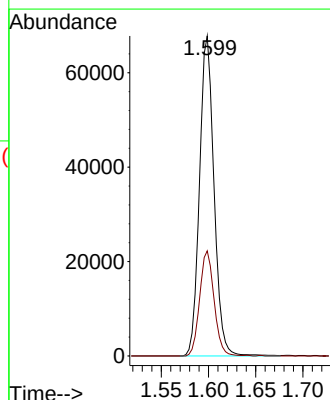
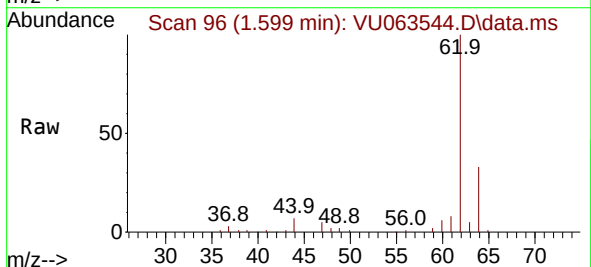
Acq: 18 Jul 2025 18:56

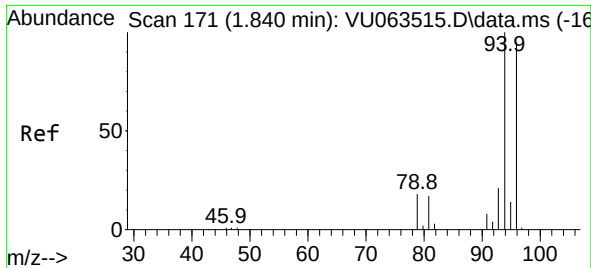
Tgt Ion: 62 Resp: 72380

Ion Ratio Lower Upper

62 100

64 32.8 25.7 38.5





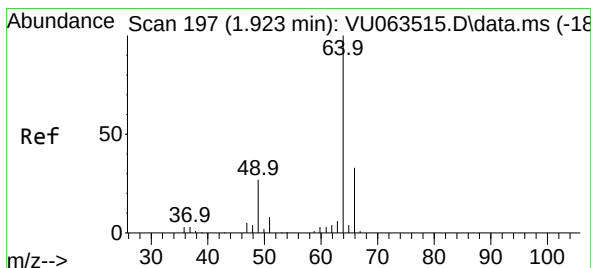
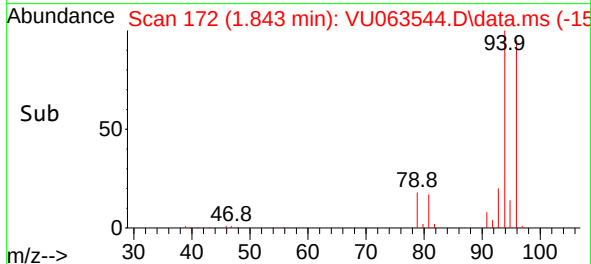
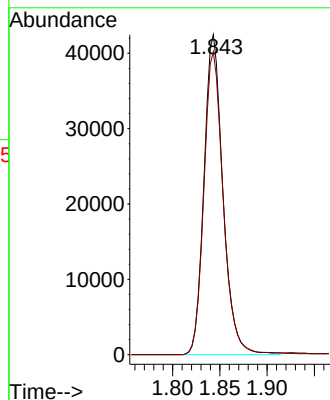
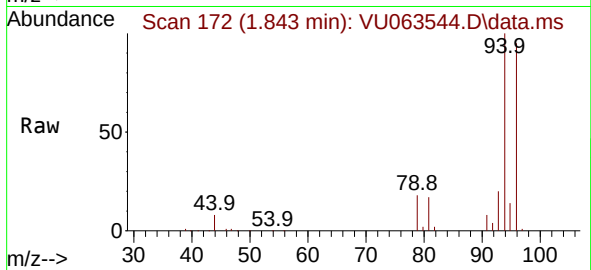
#5
Bromomethane
Concen: 13.283 ug/l
RT: 1.843 min Scan# 171
Delta R.T. 0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Instrument :
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ClientSampleId :
VSTDCCC010EC

Tgt Ion: 94 Resp: 59248
Ion Ratio Lower Upper
94 100
96 94.7 75.8 113.6

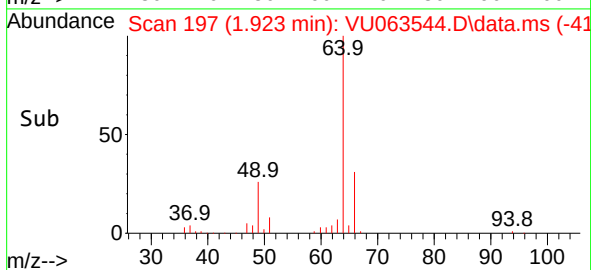
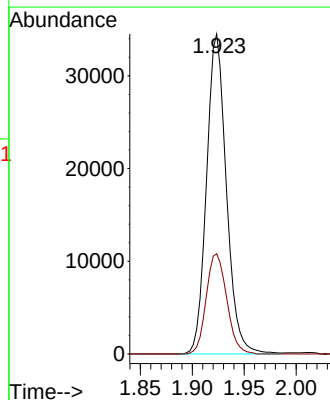
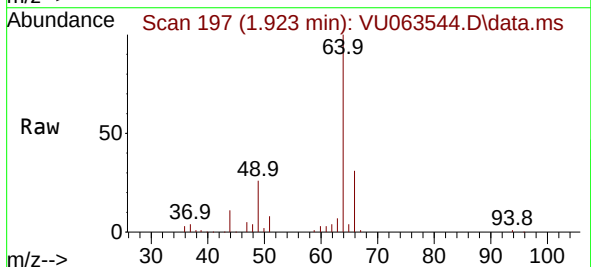
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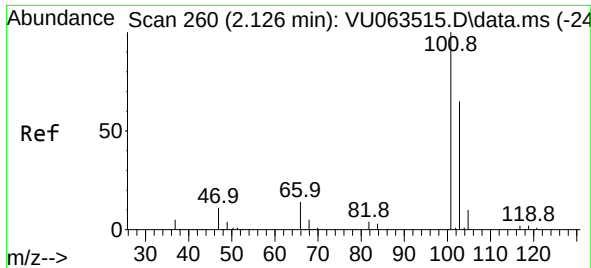
Reviewed By :Semsettin Yesilyurt 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#6
Chloroethane
Concen: 12.795 ug/l
RT: 1.923 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

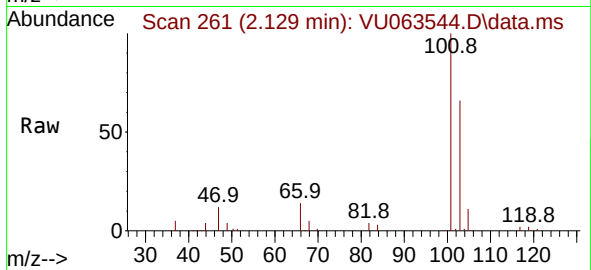
Tgt Ion: 64 Resp: 45697
Ion Ratio Lower Upper
64 100
66 31.3 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 12.778 ug/l
 RT: 2.129 min Scan# 260
 Delta R.T. 0.003 min
 Lab File: VU063544.D
 Acq: 18 Jul 2025 18:56

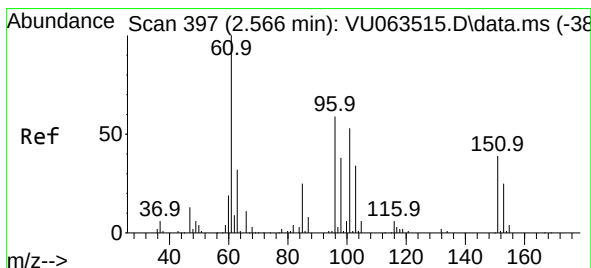
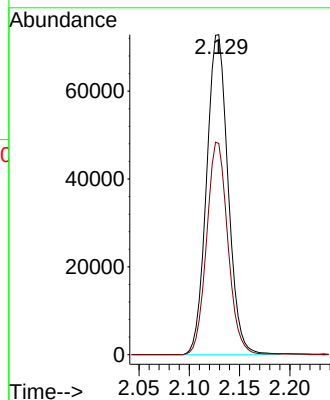
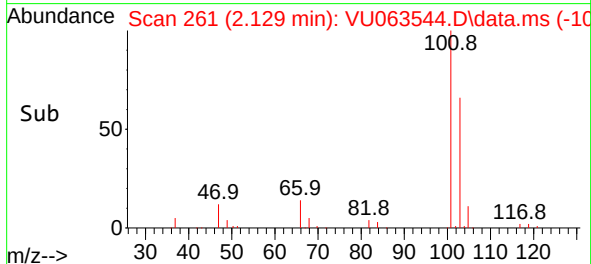
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:101 Resp: 10851
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.2 78.4

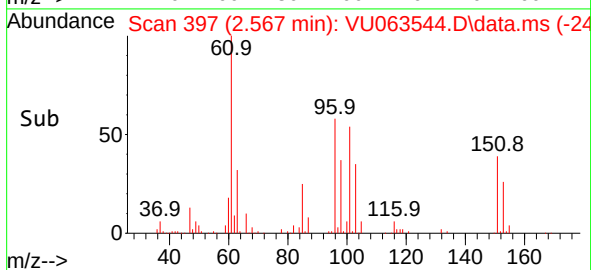
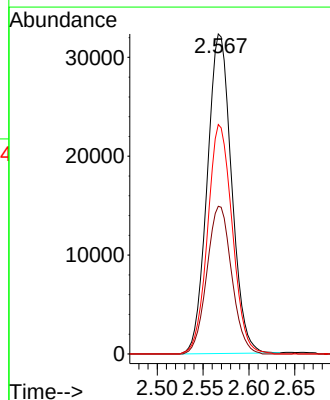
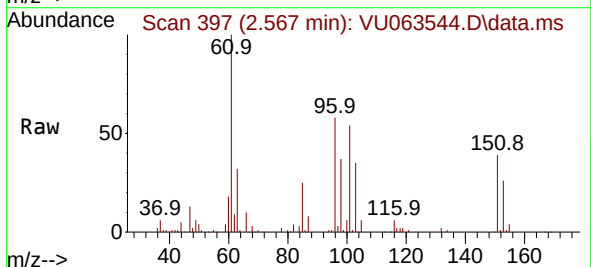
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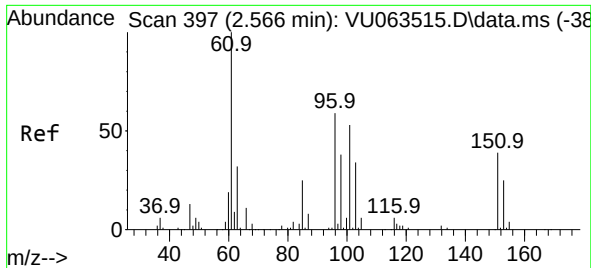
Reviewed By :Semsettin Yesilyurt 07/21/2025
 Supervised By :Mahesh Dadoda 07/21/2025



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 13.449 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VU063544.D
 Acq: 18 Jul 2025 18:56

Tgt Ion:101 Resp: 59688
 Ion Ratio Lower Upper
 101 100
 85 47.0 37.8 56.6
 151 72.7 59.2 88.8





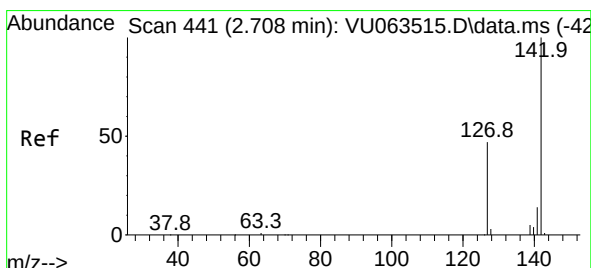
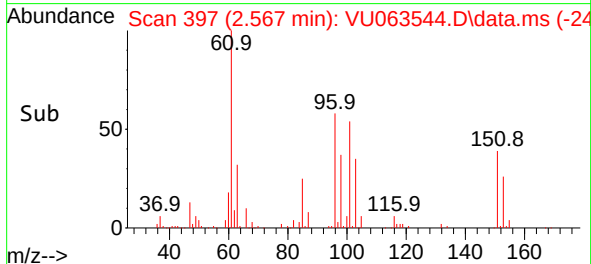
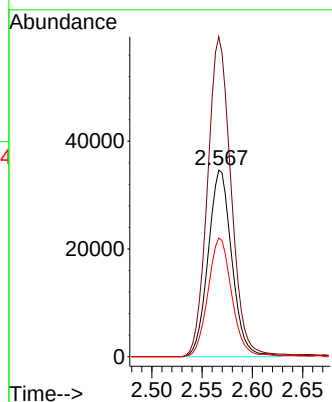
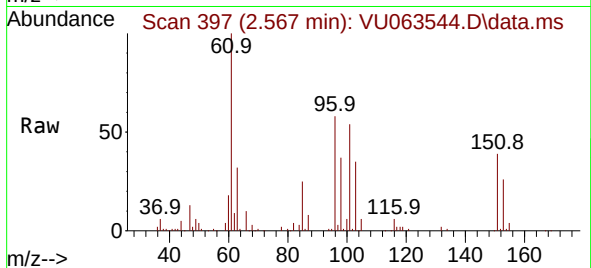
#9
1,1-Dichloroethene
Concen: 12.918 ug/l
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 96 Resp: 56820
Ion Ratio Lower Upper
96 100
61 171.5 0.0 504.3
98 63.6 0.0 126.8

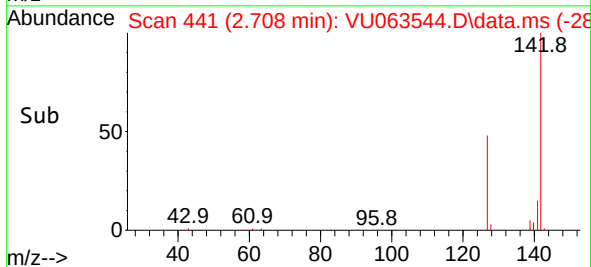
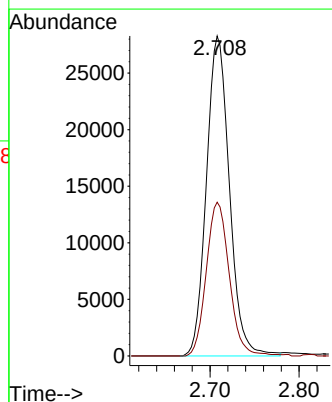
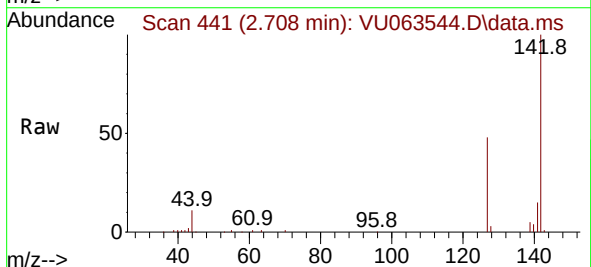
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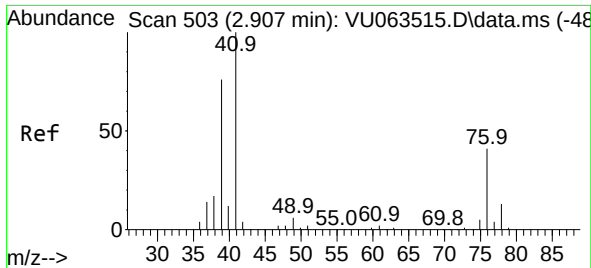
Reviewed By :Semsettin Yesilyurt 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#10
Iodomethane
Concen: 7.910 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion:142 Resp: 50641
Ion Ratio Lower Upper
142 100
127 48.2 37.9 56.9





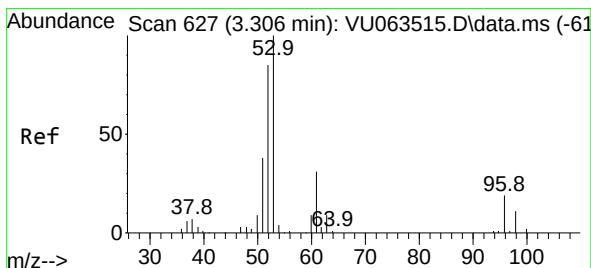
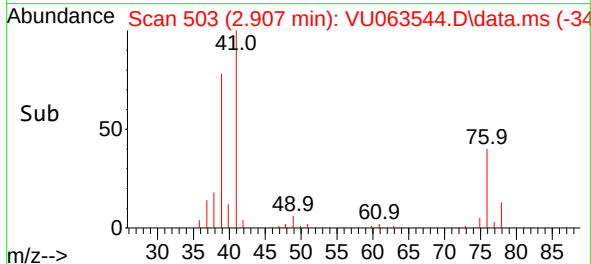
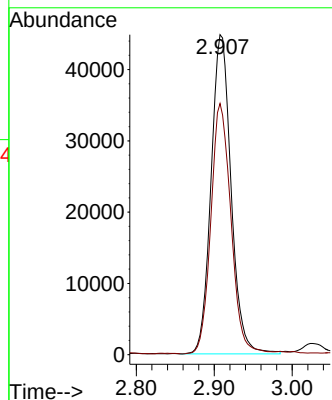
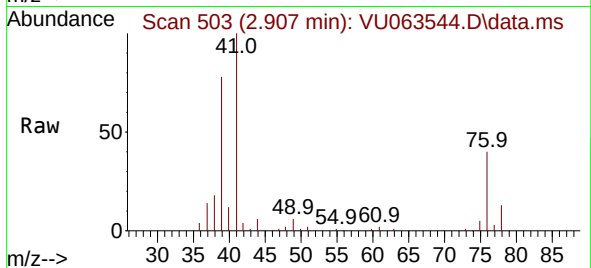
#11
 Allyl Chloride
 Concen: 12.603 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. 0.000 min
 Lab File: VU063544.D
 Acq: 18 Jul 2025 18:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 8009
 Ion Ratio Lower Upper
 41 100
 39 78.6 61.5 92.3

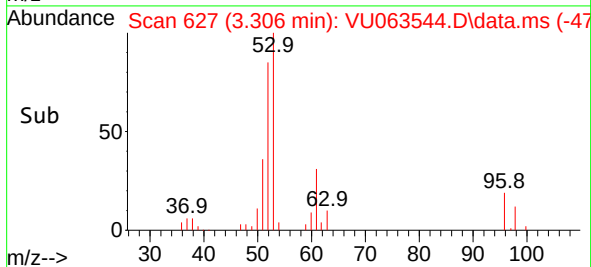
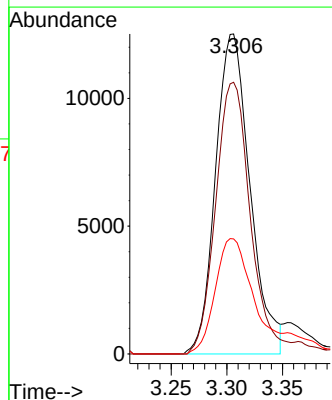
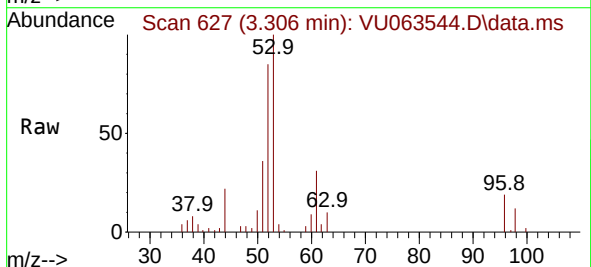
Manual Integrations
 APPROVED

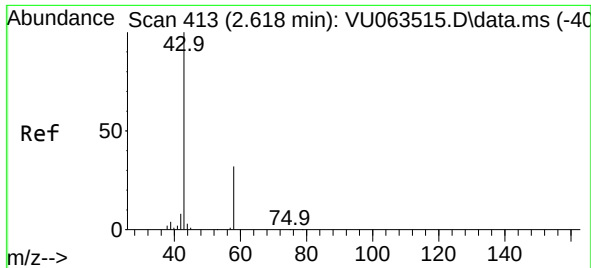
Reviewed By :Semsettin Yesilyurt 07/21/2025
 Supervised By :Mahesh Dadoda 07/21/2025



#12
 Acrylonitrile
 Concen: 24.532 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.000 min
 Lab File: VU063544.D
 Acq: 18 Jul 2025 18:56

Tgt Ion: 53 Resp: 26992
 Ion Ratio Lower Upper
 53 100
 52 85.2 64.3 96.5
 51 44.9 27.8 41.8#





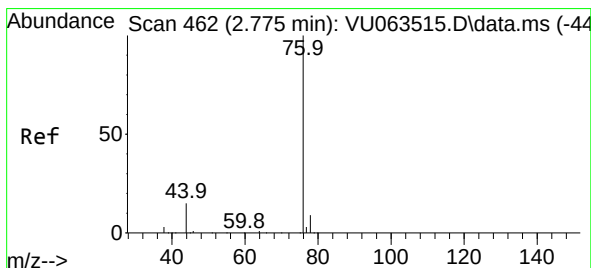
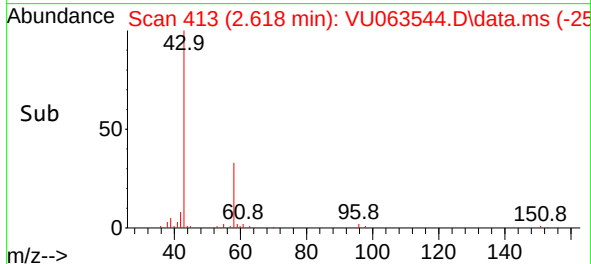
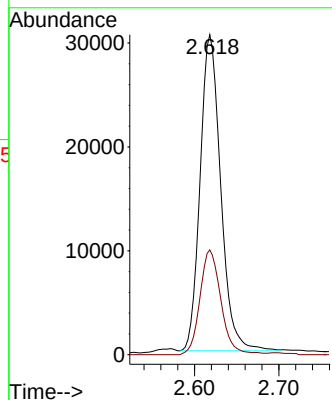
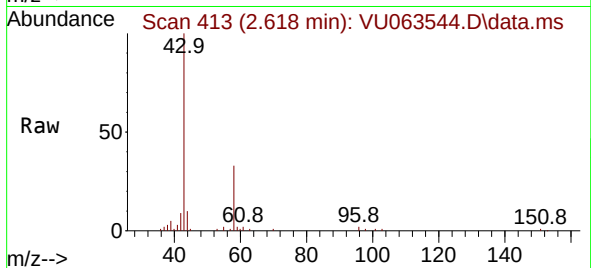
#13
Acetone
Concen: 58.771 ug/l
RT: 2.618 min Scan# 413
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 5180
Ion Ratio Lower Upper
43 100
58 33.2 25.4 38.0

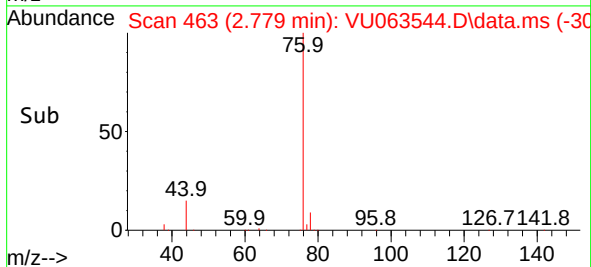
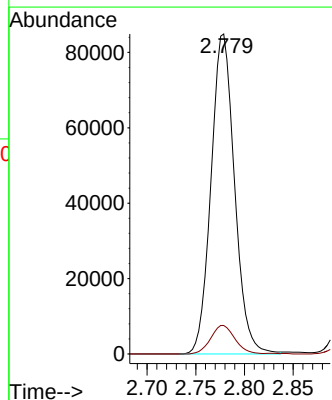
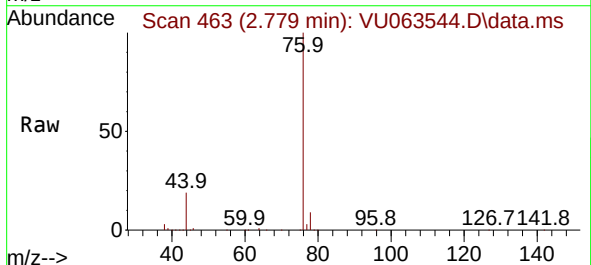
Manual Integrations
APPROVED

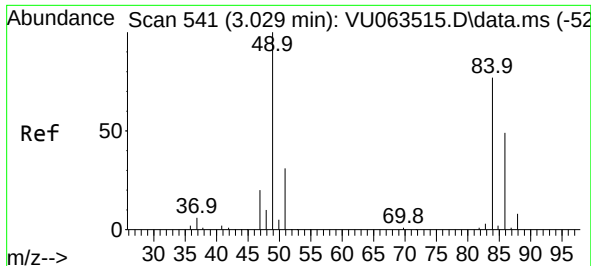
Reviewed By :Semsettin Yesilyurt 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#14
Carbon Disulfide
Concen: 10.039 ug/l
RT: 2.779 min Scan# 463
Delta R.T. 0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

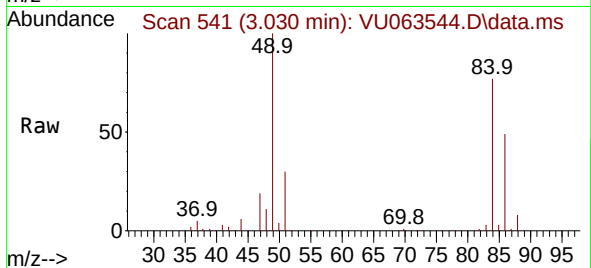
Tgt Ion: 76 Resp: 142640
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6





#15
Methylene Chloride
Concen: 13.019 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

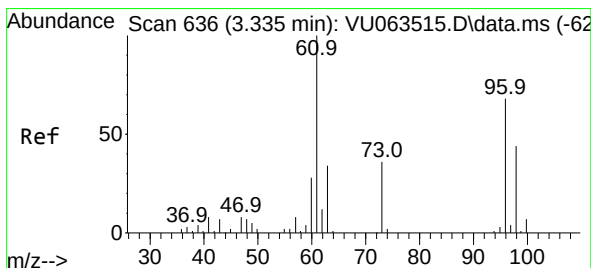
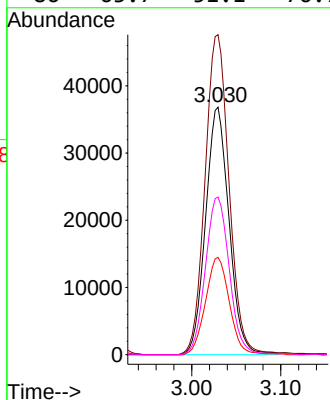
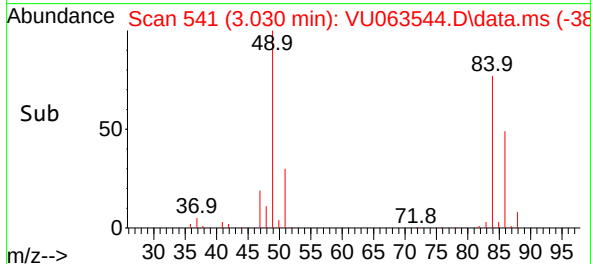
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 84 Resp: 67420
Ion Ratio Lower Upper
84 100
49 129.3 103.8 155.8
51 39.3 0.0 80.4
86 63.7 51.1 76.7

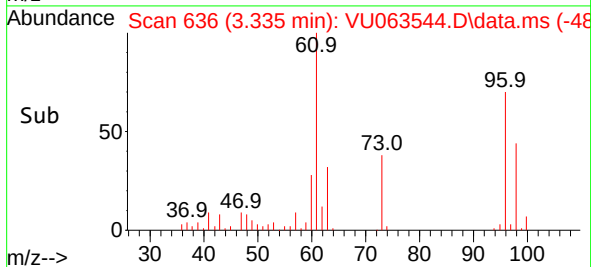
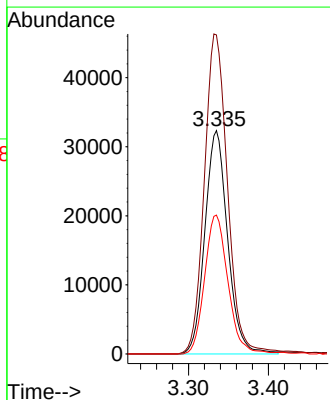
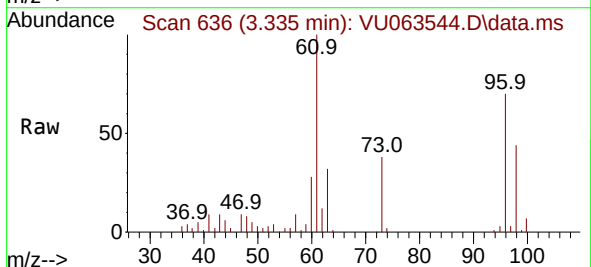
Manual Integrations
APPROVED

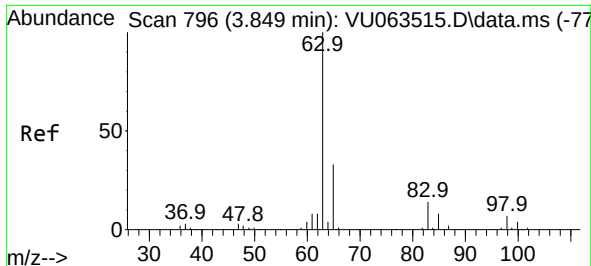
Reviewed By :Semsettin Yesilyurt 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#16
trans-1,2-Dichloroethene
Concen: 12.821 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

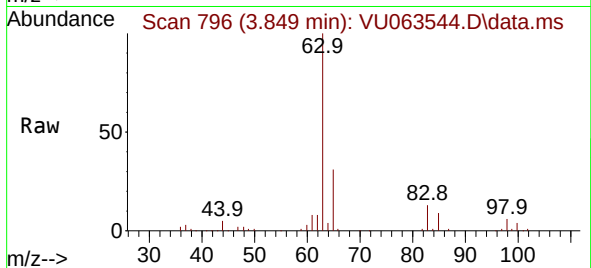
Tgt Ion: 96 Resp: 64054
Ion Ratio Lower Upper
96 100
61 142.8 117.2 175.8
98 62.2 51.4 77.2





#17
1,1-Dichloroethane
Concen: 13.514 ug/l
RT: 3.849 min Scan# 796
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

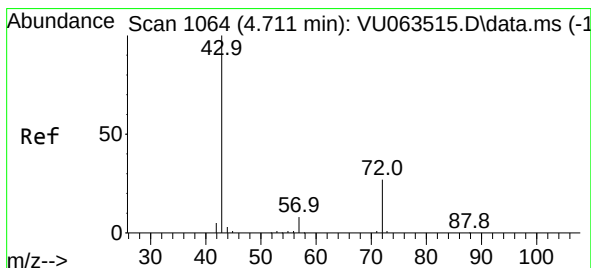
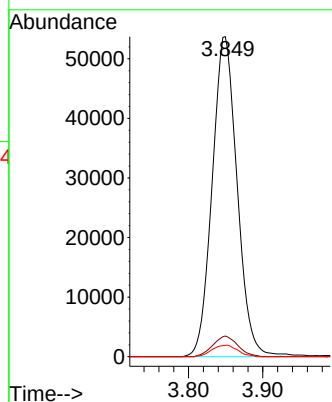
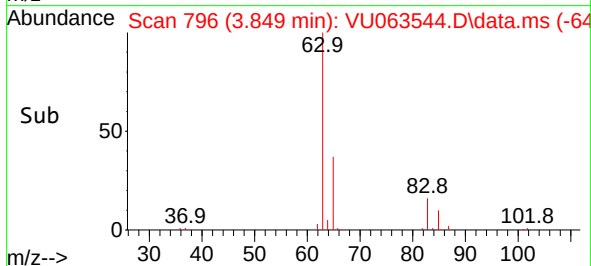
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 63 Resp: 12514
Ion Ratio Lower Upper
63 100
98 6.4 3.4 10.2
100 3.6 2.1 6.2

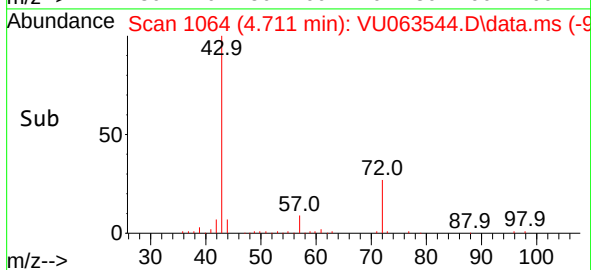
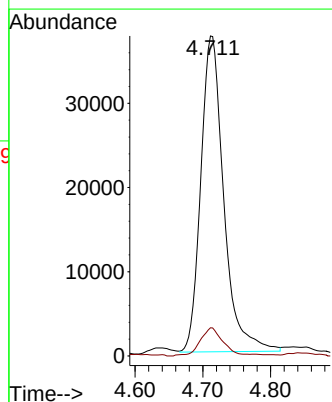
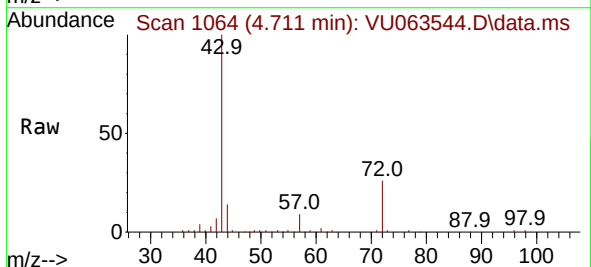
Manual Integrations
APPROVED

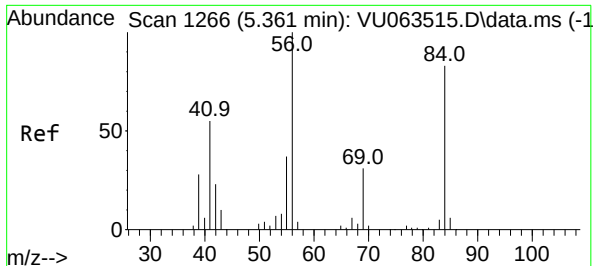
Reviewed By :Semsettin Yesilyurt 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#18
2-Butanone
Concen: 64.697 ug/l
RT: 4.711 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion: 43 Resp: 88319
Ion Ratio Lower Upper
43 100
57 8.6 0.0 16.4





#19

Cyclohexane

Concen: 12.588 ug/l

RT: 5.357 min Scan# 1265

Delta R.T. -0.003 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

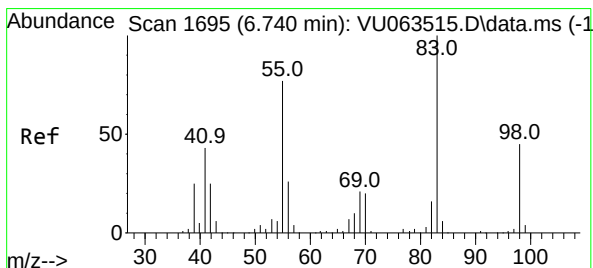
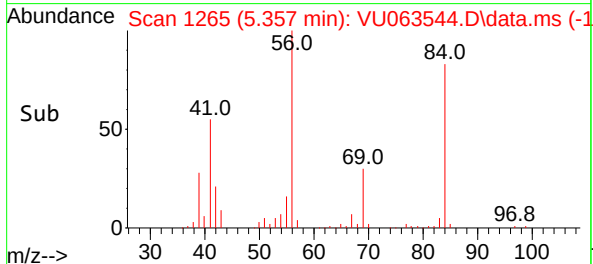
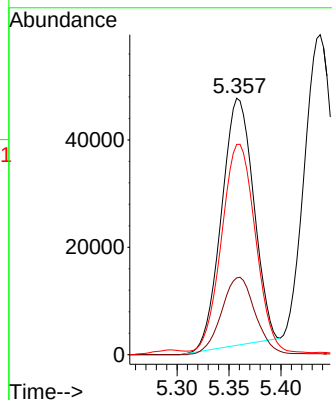
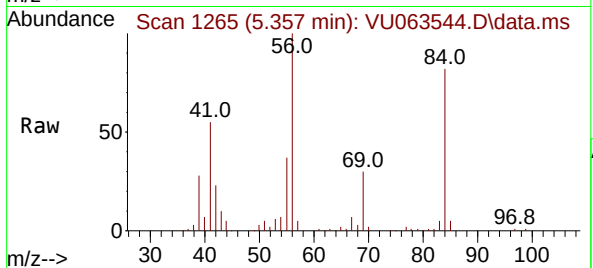
VSTDCCC010EC

Tgt Ion:	56	Resp:	9869
Ion Ratio	Lower	Upper	
56	100		
69	32.7	26.6	39.8
84	88.2	71.0	106.4

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 10.681 ug/l

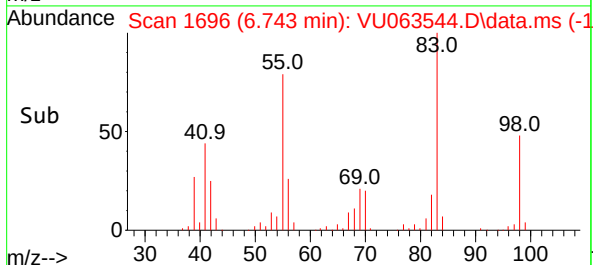
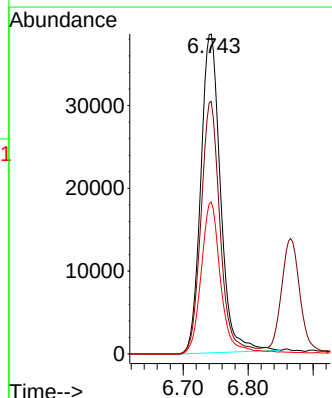
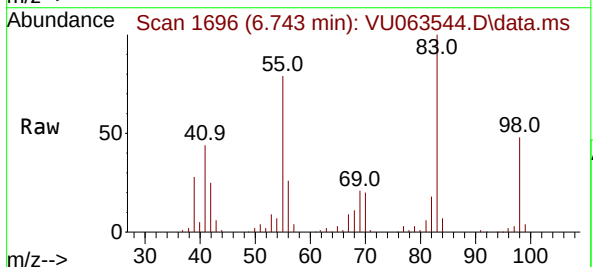
RT: 6.743 min Scan# 1696

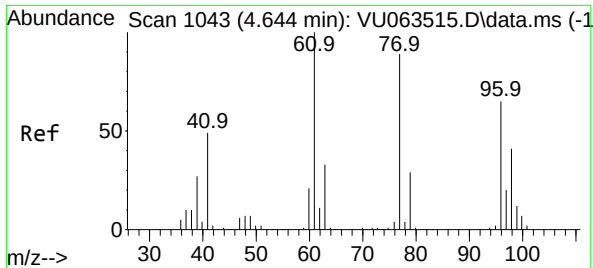
Delta R.T. 0.003 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Tgt Ion:	83	Resp:	81396
Ion Ratio	Lower	Upper	
83	100		
55	74.1	60.6	90.8
98	45.7	35.8	53.8





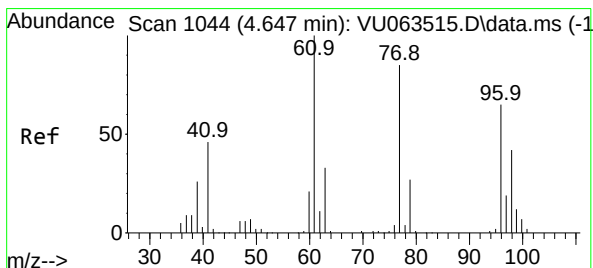
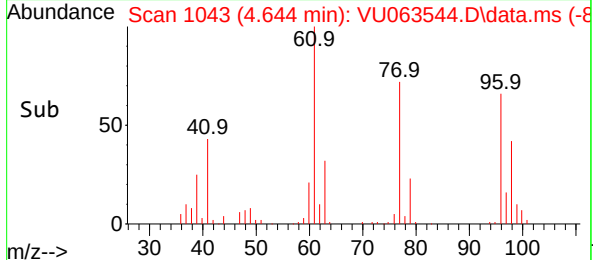
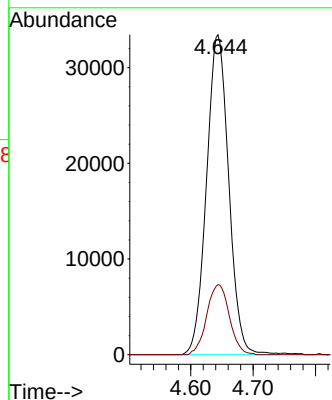
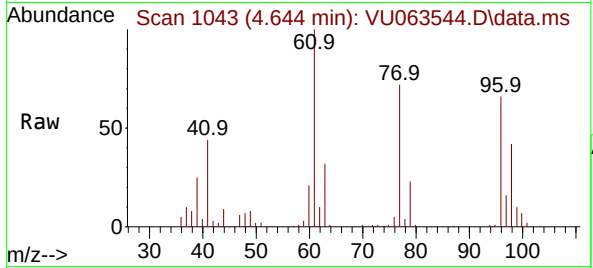
#21
2,2-Dichloropropane
Concen: 10.490 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 77 Resp: 82714
Ion Ratio Lower Upper
77 100
97 22.3 17.8 26.8

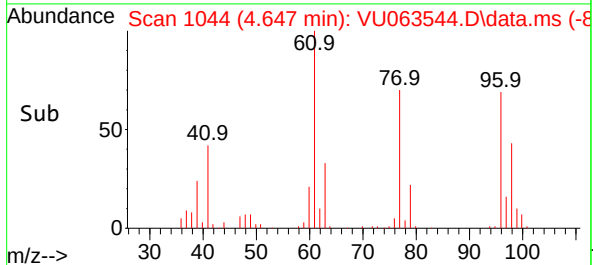
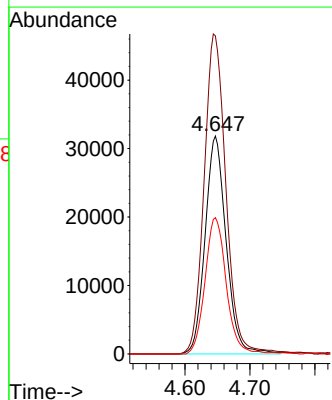
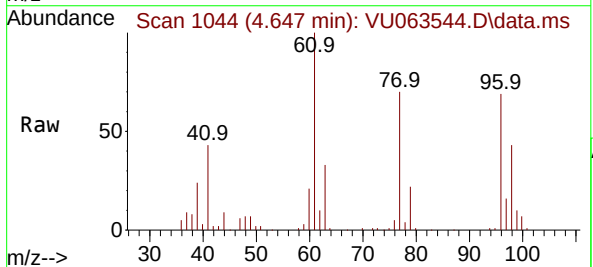
Manual Integrations
APPROVED

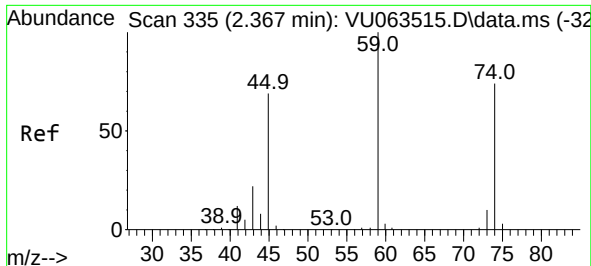
Reviewed By :Semsettin Yesilyurt 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#22
cis-1,2-Dichloroethene
Concen: 13.256 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion: 96 Resp: 71865
Ion Ratio Lower Upper
96 100
61 152.0 0.0 384.7
98 63.0 32.1 96.3





#23

Diethyl Ether

Concen: 13.597 ug/l

RT: 2.370 min Scan# 335

Delta R.T. 0.003 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

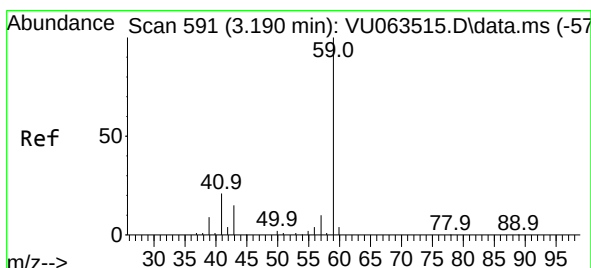
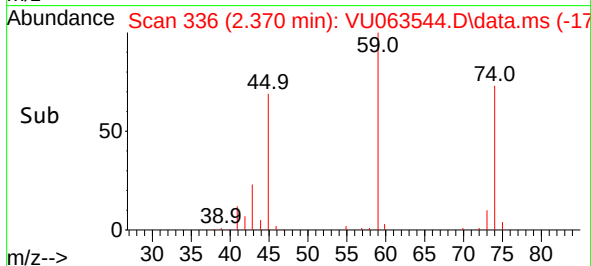
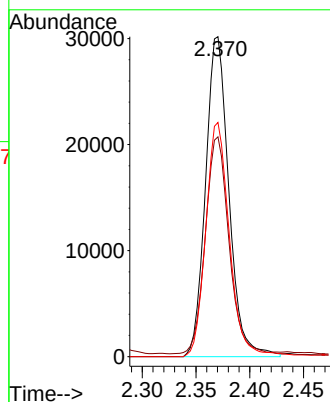
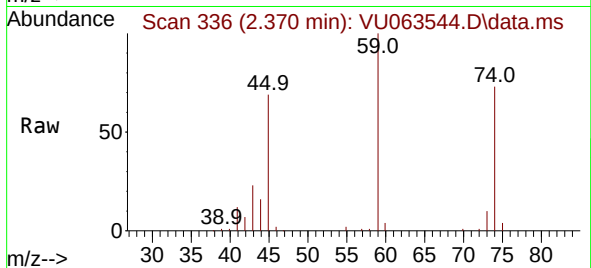
VSTDCCC010EC

Tgt Ion: 59	Resp: 45578
Ion Ratio	Lower Upper
59	100
45	68.0 55.1 82.7
74	74.5 58.2 87.4

Manual Integrations

APPROVED

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



#24

tert-Butyl Alcohol

Concen: 128.772 ug/l

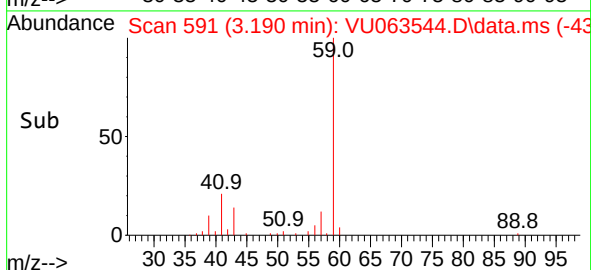
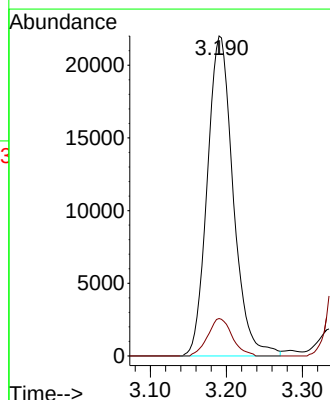
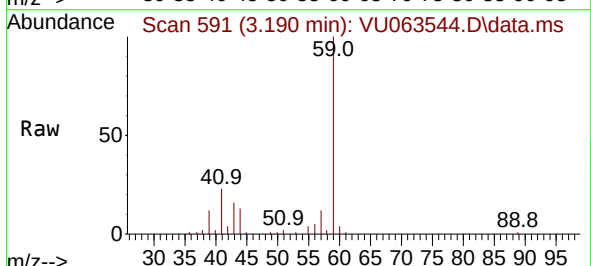
RT: 3.190 min Scan# 591

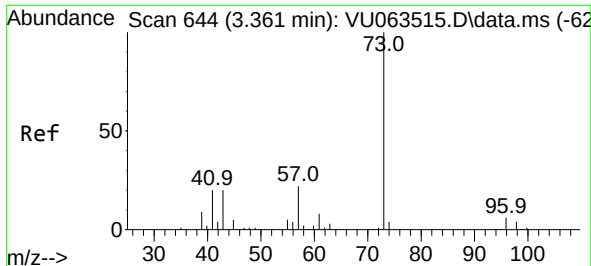
Delta R.T. 0.000 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

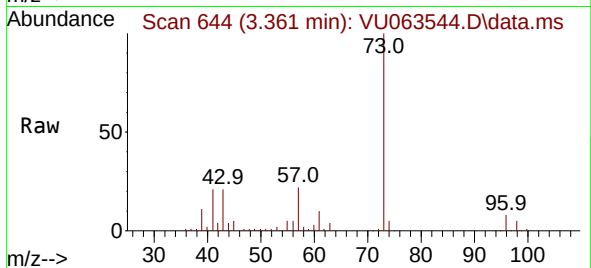
Tgt Ion: 59	Resp: 52107
Ion Ratio	Lower Upper
59	100
57	11.0 8.6 12.8





#25
Methyl tert-Butyl Ether
Concen: 13.451 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

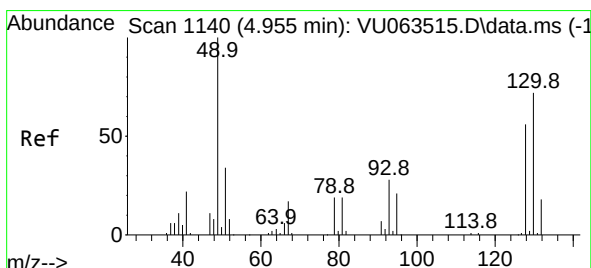
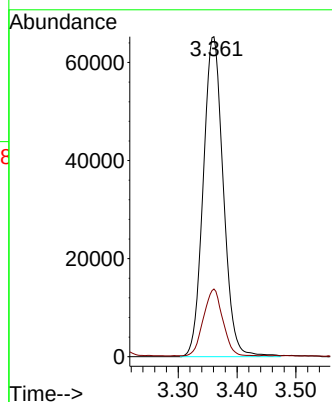
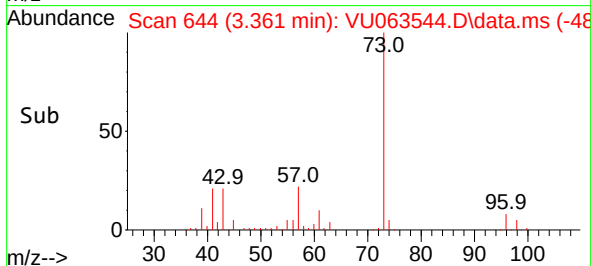
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 73 Resp: 15447
Ion Ratio Lower Upper
73 100
43 20.0 16.2 24.2

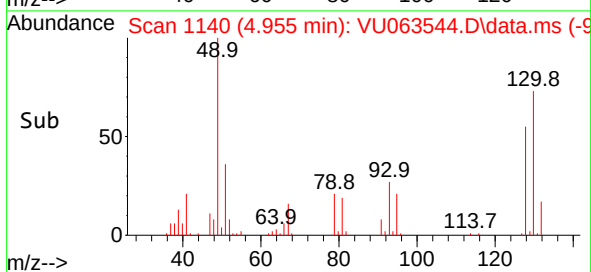
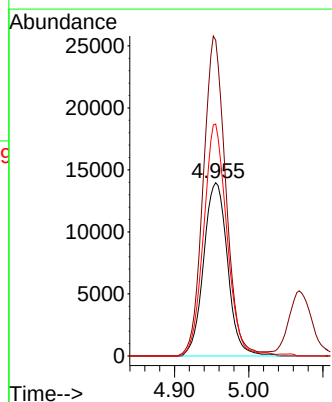
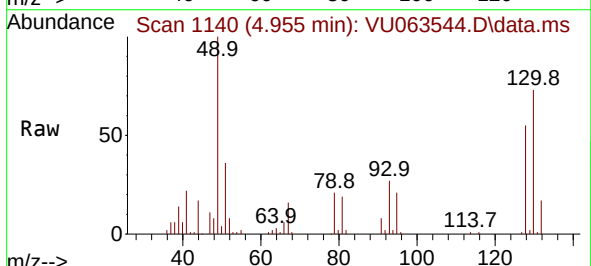
Manual Integrations
APPROVED

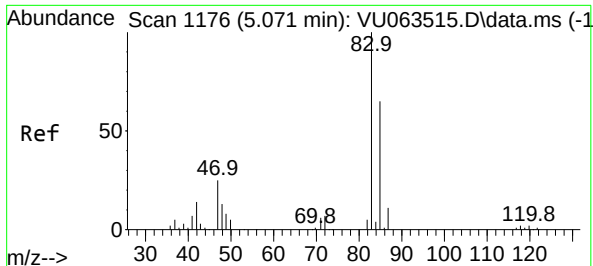
Reviewed By :Semsettin Yesilyurt 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#26
Bromochloromethane
Concen: 13.807 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

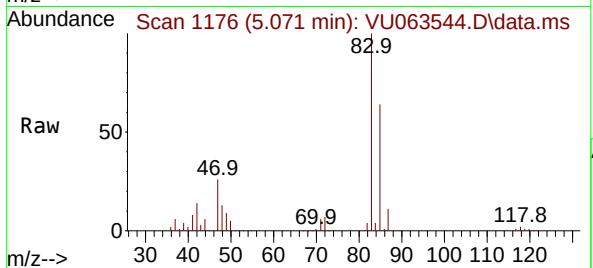
Tgt Ion:128 Resp: 31253
Ion Ratio Lower Upper
128 100
49 173.2 0.0 340.8
130 129.4 100.5 150.7





#27
Chloroform
Concen: 13.472 ug/l
RT: 5.071 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

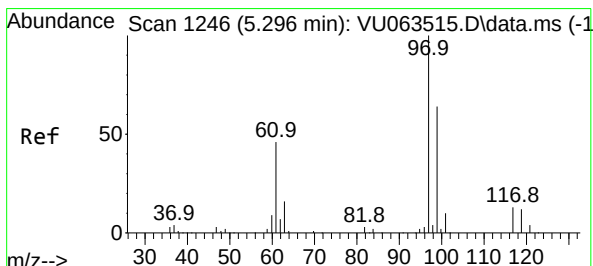
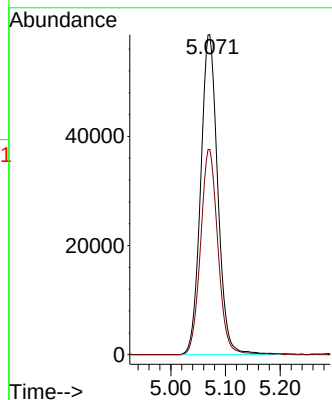
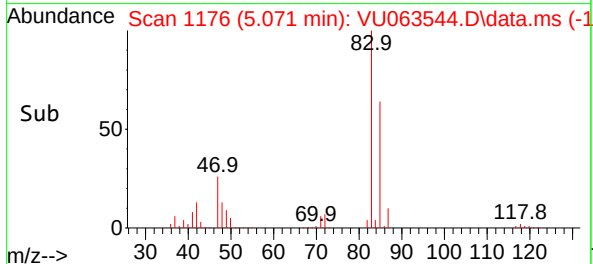
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



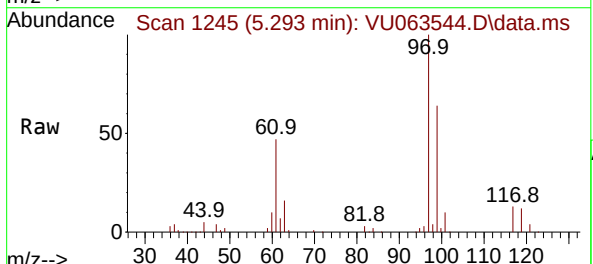
Tgt Ion: 83 Resp: 127290
Ion Ratio Lower Upper
83 100
85 64.1 0.0 130.0

Manual Integrations
APPROVED

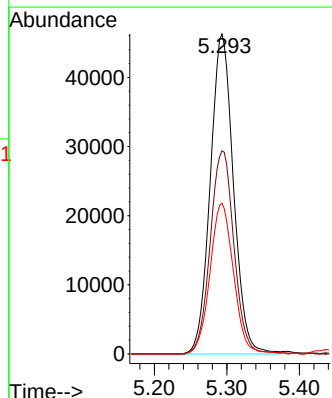
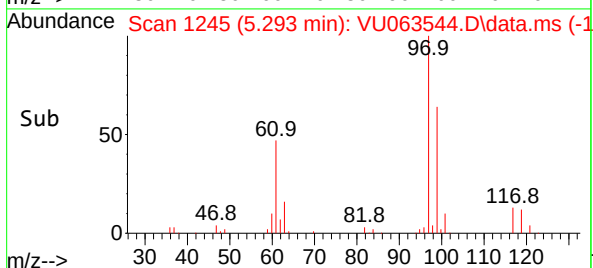
Reviewed By :Semsettin Yesilyurt 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

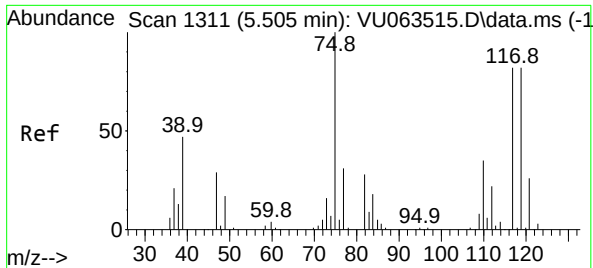


#28
1,1,1-Trichloroethane
Concen: 12.812 ug/l
RT: 5.293 min Scan# 1245
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56



Tgt Ion: 97 Resp: 102746
Ion Ratio Lower Upper
97 100
99 65.2 31.8 95.3
61 47.9 23.3 69.9





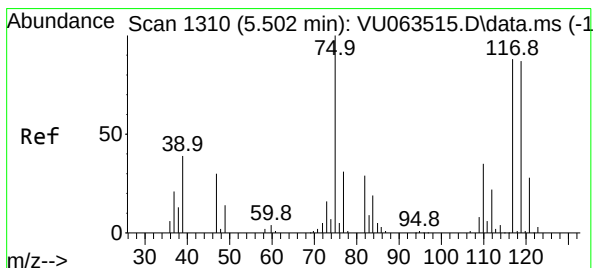
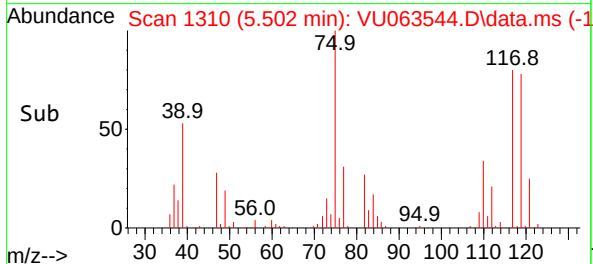
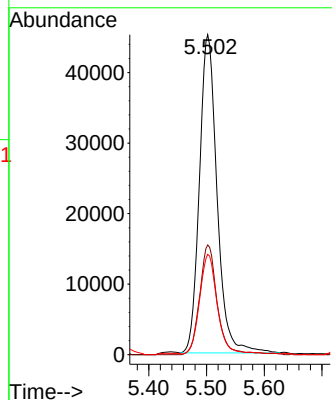
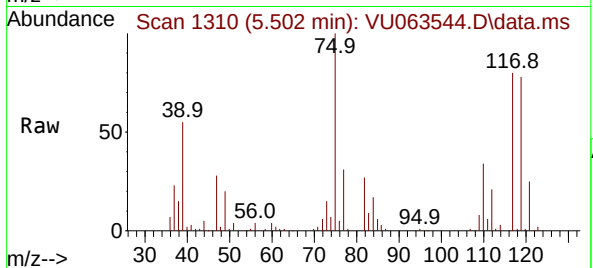
#29
1,1-Dichloropropene
Concen: 12.876 ug/l
RT: 5.502 min Scan# 1109
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 95659
Ion Ratio Lower Upper
75 100
110 33.9 17.8 53.4
77 30.7 24.6 37.0

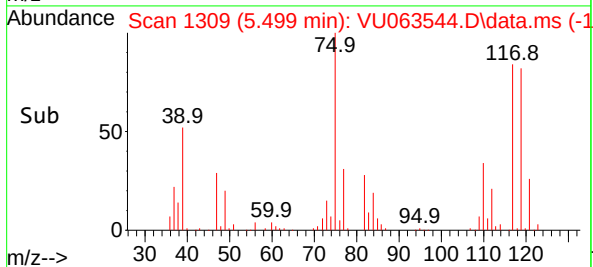
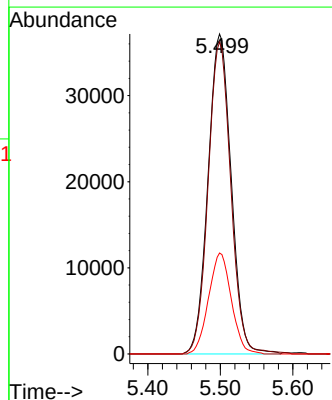
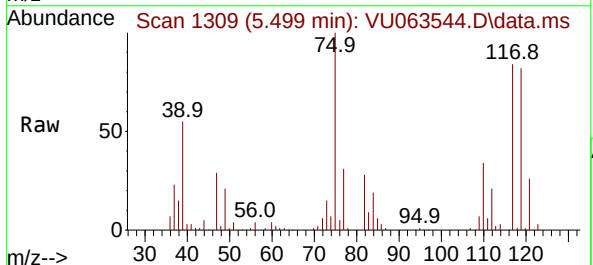
Manual Integrations
APPROVED

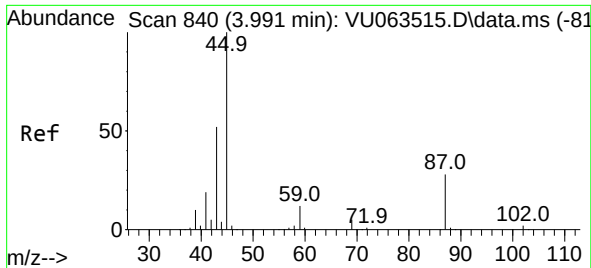
Reviewed By :Semsettin Yesilyurt 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#30
Carbon Tetrachloride
Concen: 12.755 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

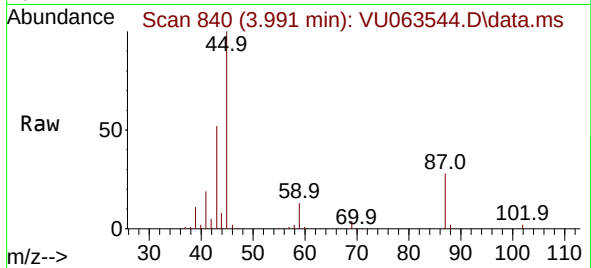
Tgt Ion:117 Resp: 82331
Ion Ratio Lower Upper
117 100
119 97.5 79.2 118.8
121 31.5 25.5 38.3





#31
Isopropyl Ether
Concen: 13.193 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

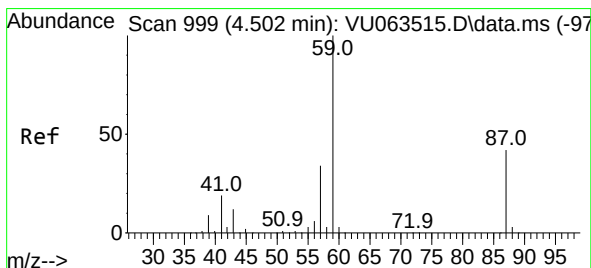
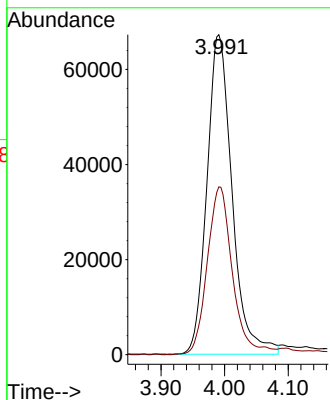
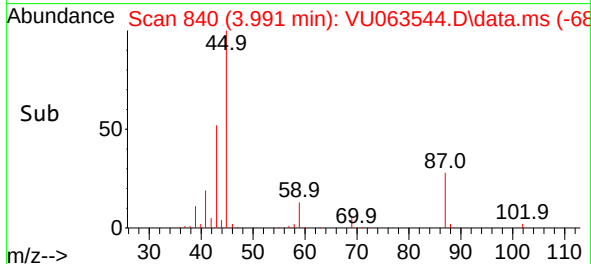
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



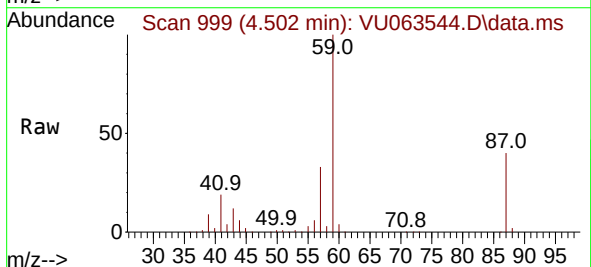
Tgt Ion: 45 Resp: 184409
Ion Ratio Lower Upper
45 100
43 51.6 25.7 77.0

Manual Integrations
APPROVED

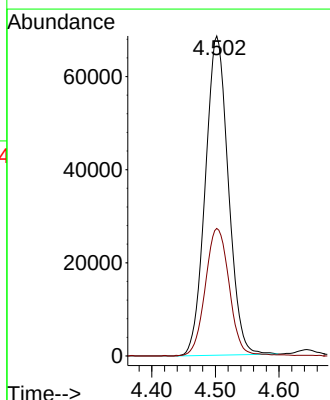
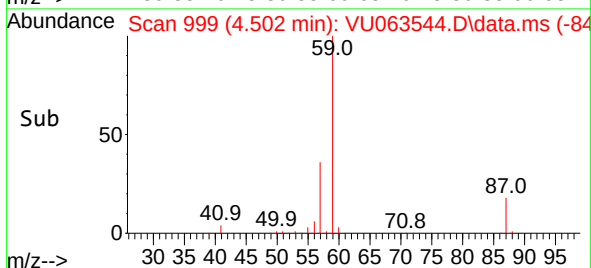
Reviewed By :Semsettin Yesilyurt 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

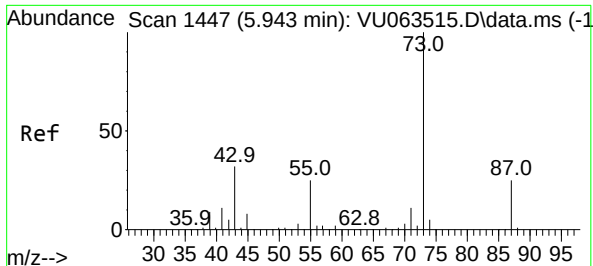


#32
Ethyl-t-butyl ether
Concen: 13.314 ug/l
RT: 4.502 min Scan# 999
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56



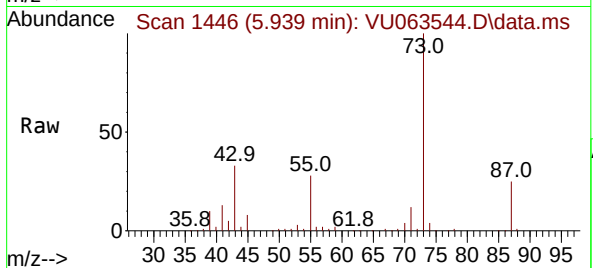
Tgt Ion: 59 Resp: 172224
Ion Ratio Lower Upper
59 100
87 41.5 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 10.275 ug/l
RT: 5.939 min Scan# 1446
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

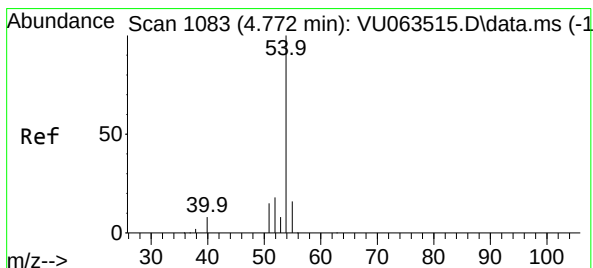
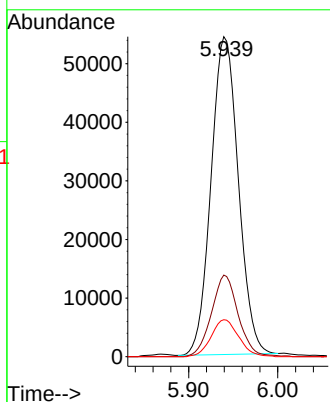
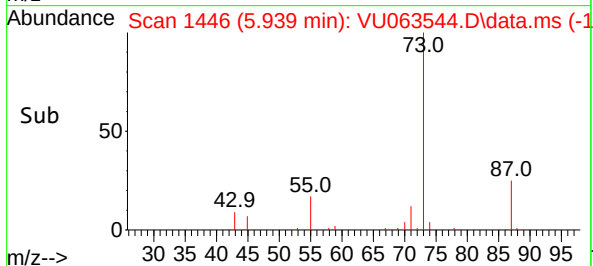
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



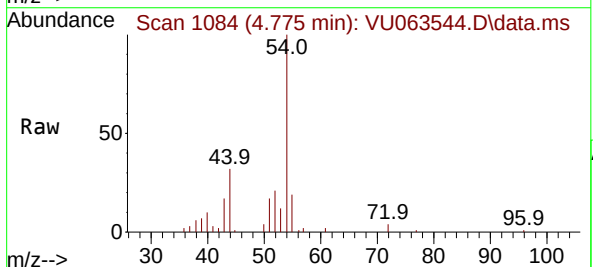
Tgt Ion: 73 Resp: 115354
Ion Ratio Lower Upper
73 100
87 25.2 19.4 29.2
71 11.8 8.9 13.3

Manual Integrations
APPROVED

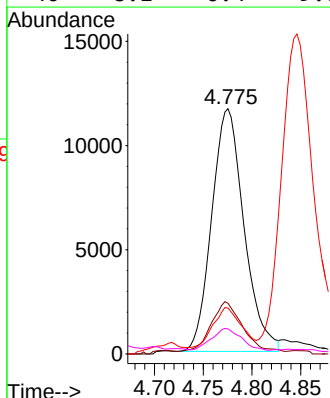
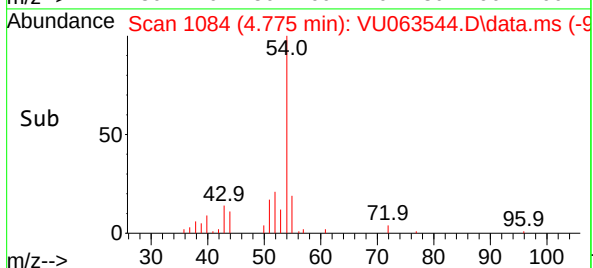
Reviewed By :Semsettin Yesilyurt 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

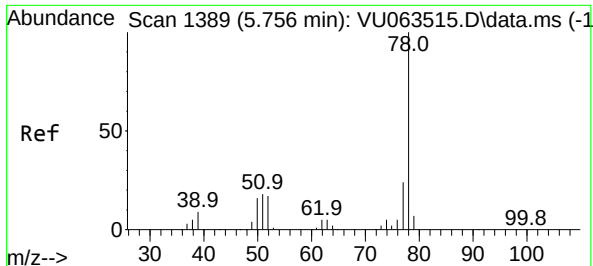


#34
Propionitrile
Concen: 64.554 ug/l
RT: 4.775 min Scan# 1084
Delta R.T. 0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56



Tgt Ion: 54 Resp: 26850
Ion Ratio Lower Upper
54 100
52 22.3 17.0 25.4
55 16.9 13.6 20.4
40 8.1 6.4 9.6





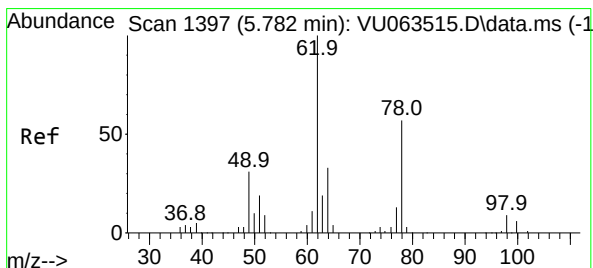
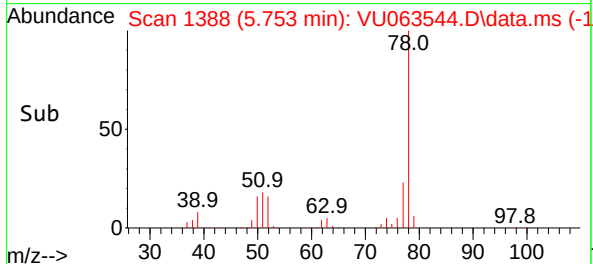
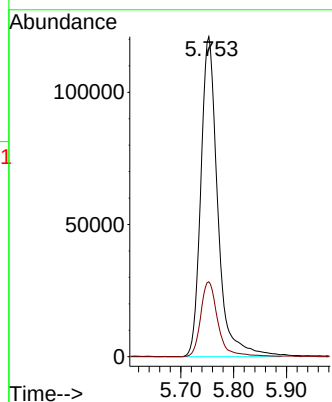
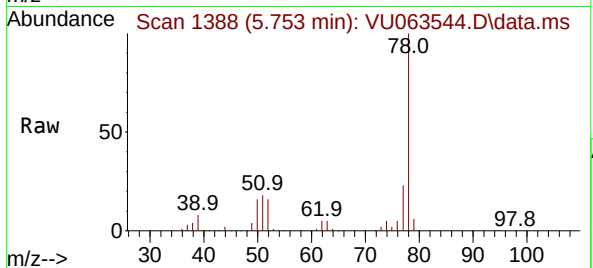
#35
Benzene
Concen: 13.492 ug/l
RT: 5.753 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 78 Resp: 26932
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.2

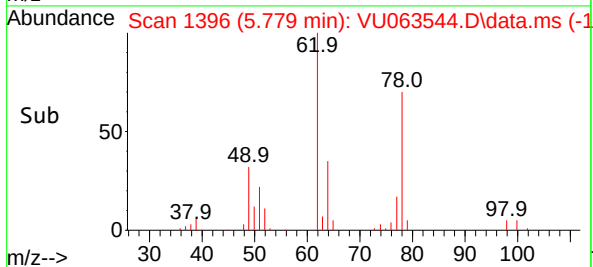
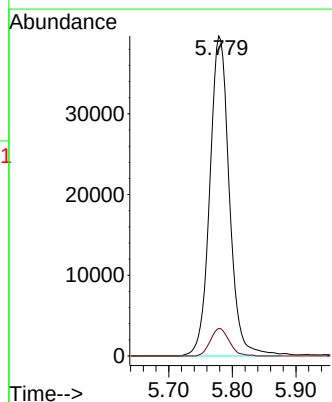
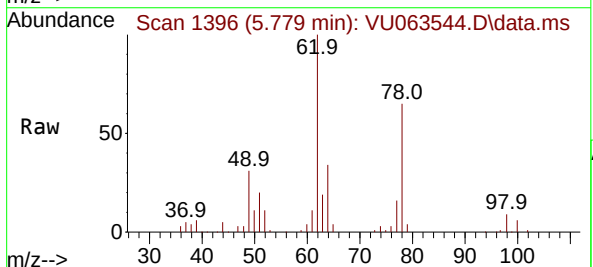
Manual Integrations
APPROVED

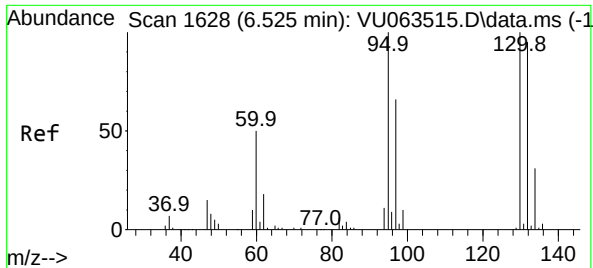
Reviewed By :Semsettin Yesilyurt 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#36
1,2-Dichloroethane
Concen: 13.669 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion: 62 Resp: 84780
Ion Ratio Lower Upper
62 100
98 8.3 6.4 9.6





#37

Trichloroethene

Concen: 10.869 ug/l

RT: 6.525 min Scan# 1628

Delta R.T. 0.000 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:130 Resp: 55354

Ion Ratio Lower Upper

130 100

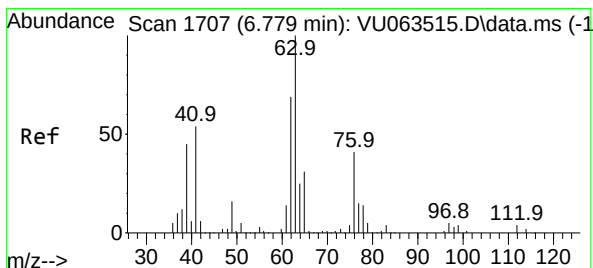
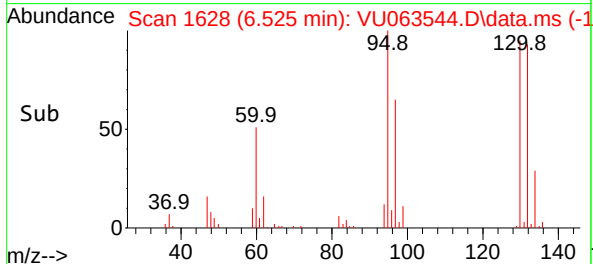
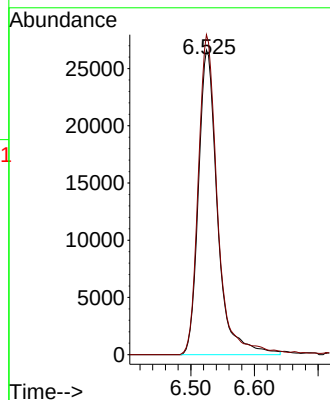
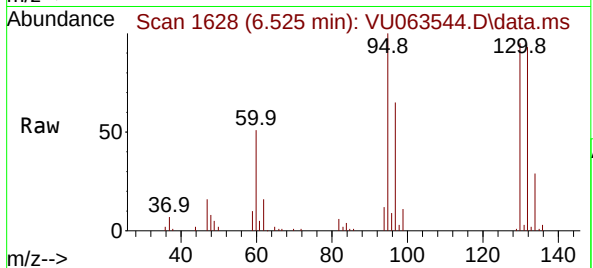
95 105.0 80.3 120.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#38

1,2-Dichloropropane

Concen: 12.324 ug/l

RT: 6.779 min Scan# 1707

Delta R.T. 0.000 min

Lab File: VU063544.D

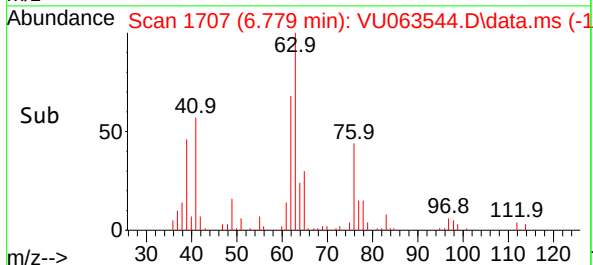
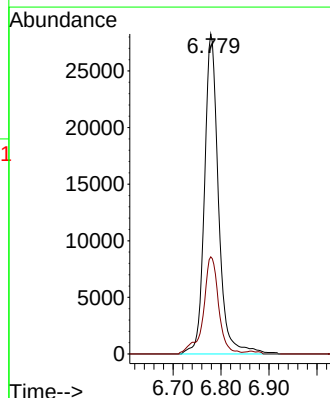
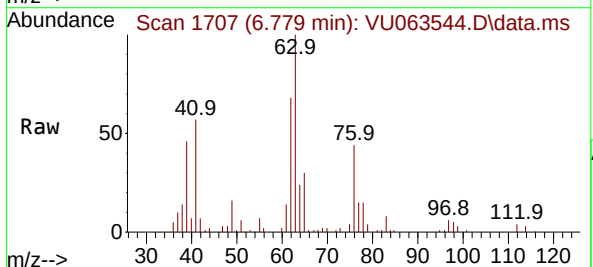
Acq: 18 Jul 2025 18:56

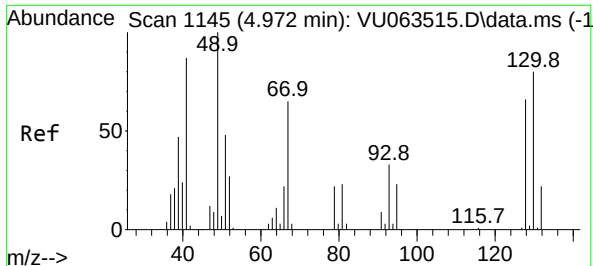
Tgt Ion: 63 Resp: 57574

Ion Ratio Lower Upper

63 100

65 30.4 24.6 36.8





#39

Methacrylonitrile

Concen: 12.993 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. -0.003 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

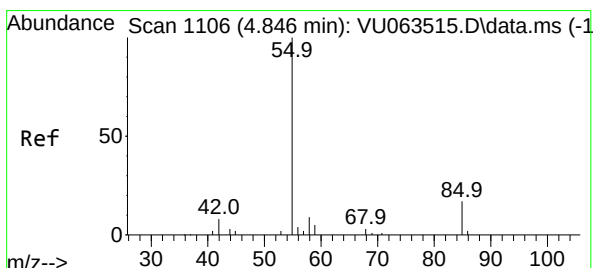
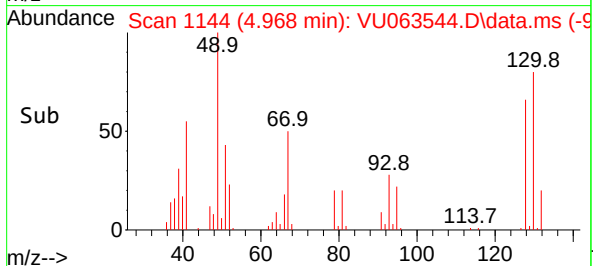
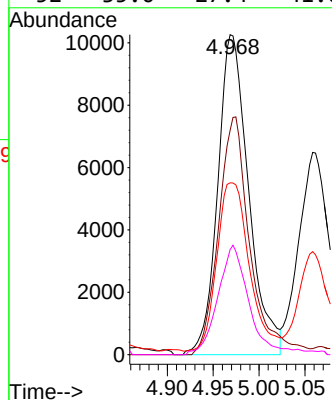
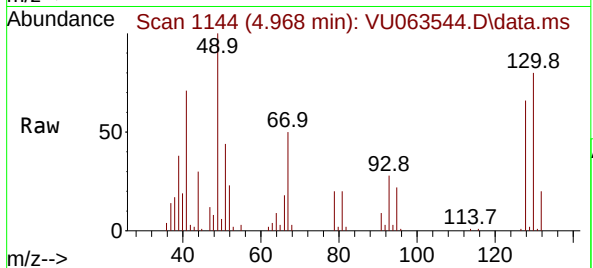
VSTDCCC010EC

Tgt Ion: 41	Resp: 2402
Ion Ratio	Lower Upper
41 100	
67 75.5	62.7 94.1
39 55.2	43.1 64.7
52 35.0	27.4 41.0

Manual Integrations

APPROVED

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



#40

Methyl acrylate

Concen: 13.534 ug/l

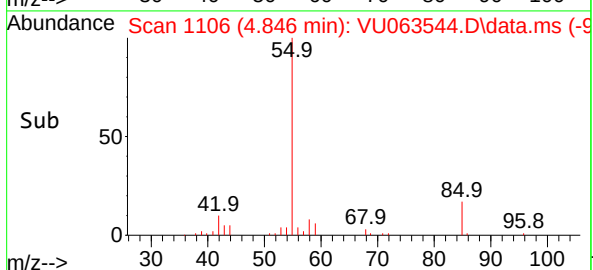
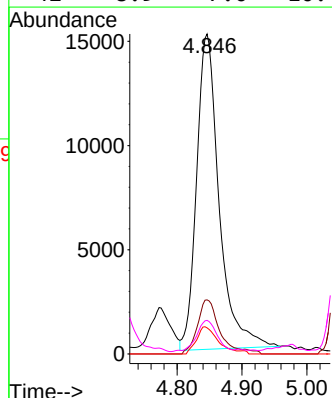
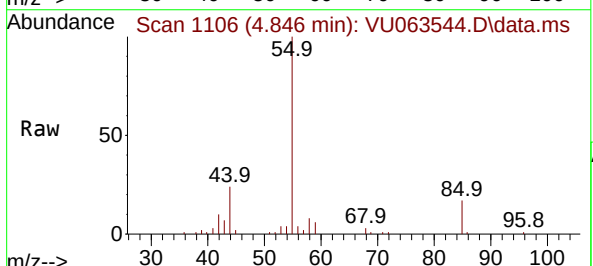
RT: 4.846 min Scan# 1106

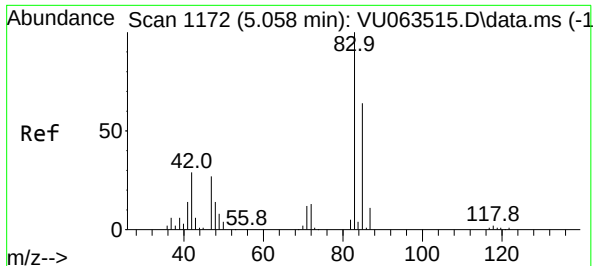
Delta R.T. 0.000 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Tgt Ion: 55	Resp: 36577
Ion Ratio	Lower Upper
55 100	
85 17.0	12.8 19.2
58 8.1	7.0 10.4
42 8.9	7.0 10.4





#41

Tetrahydrofuran

Concen: 24.943 ug/l

RT: 5.062 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

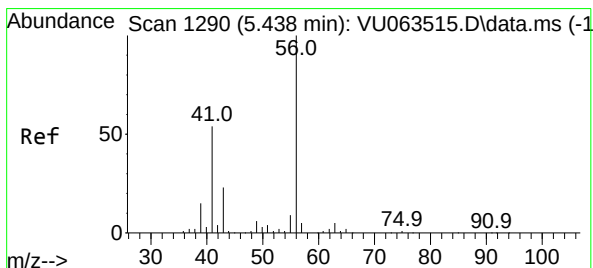
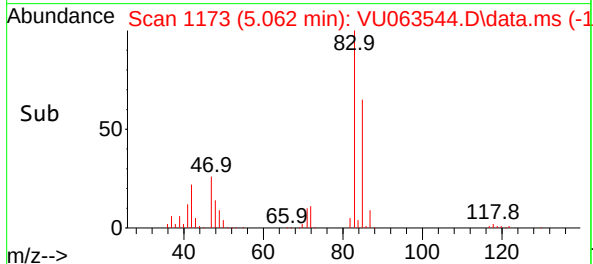
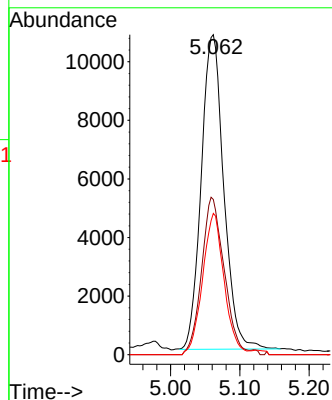
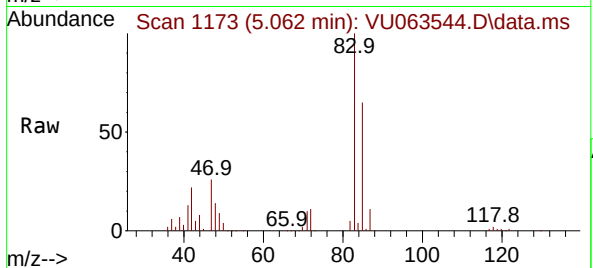
Tgt Ion:	42	Resp:	2425
Ion Ratio	Lower	Upper	
42	100		
72	49.9	39.2	58.8
71	42.9	34.8	52.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#42

1-Chlorobutane

Concen: 13.033 ug/l

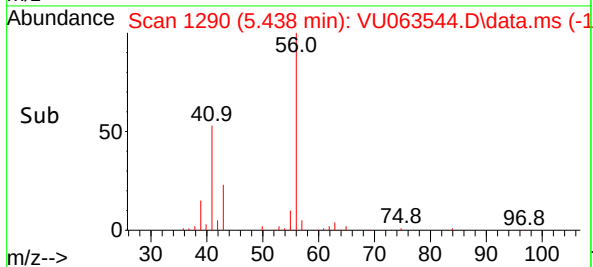
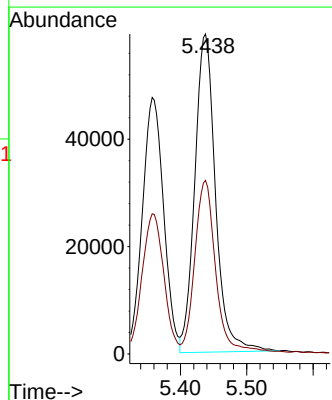
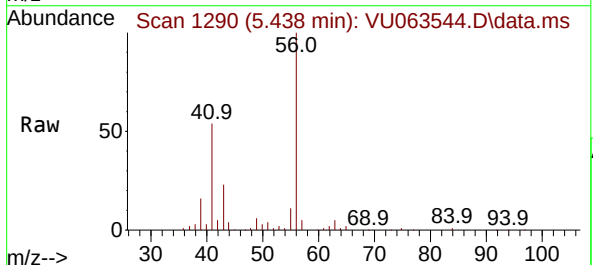
RT: 5.438 min Scan# 1290

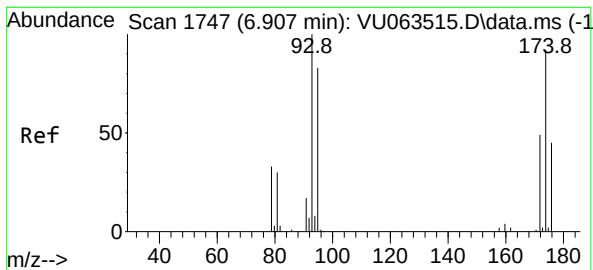
Delta R.T. 0.000 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

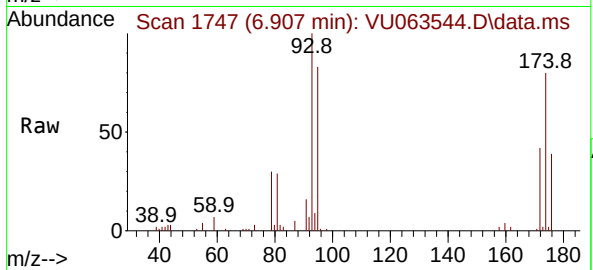
Tgt Ion:	56	Resp:	128731
Ion Ratio	Lower	Upper	
56	100		
41	53.3	26.7	80.0





#43
Dibromomethane
Concen: 12.332 ug/l
RT: 6.907 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

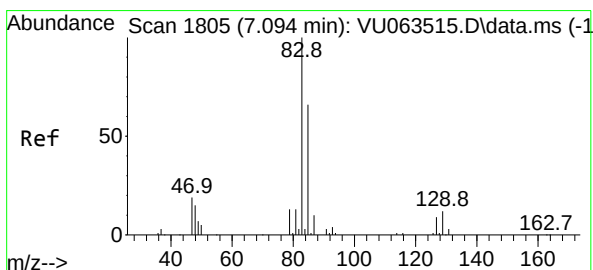
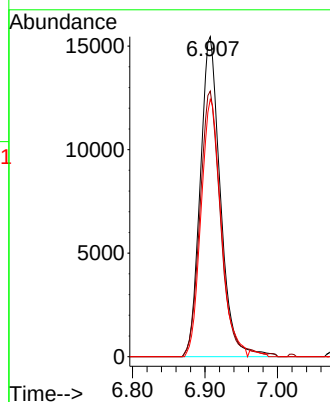
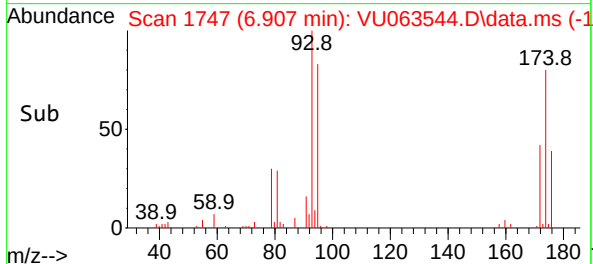


Tgt Ion: 93 Resp: 2984

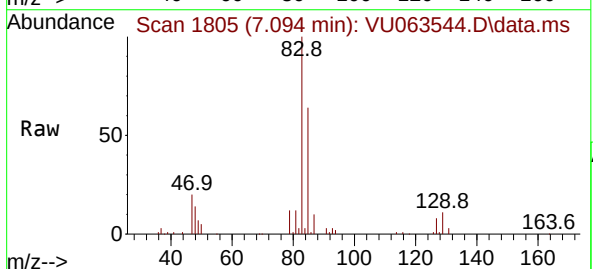
Ion	Ratio	Lower	Upper
93	100		
95	84.9	67.9	101.9
174	80.1	74.6	111.8

Manual Integrations
APPROVED

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

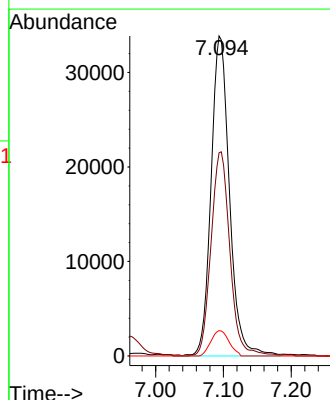
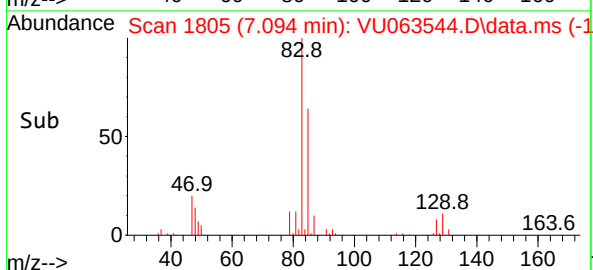


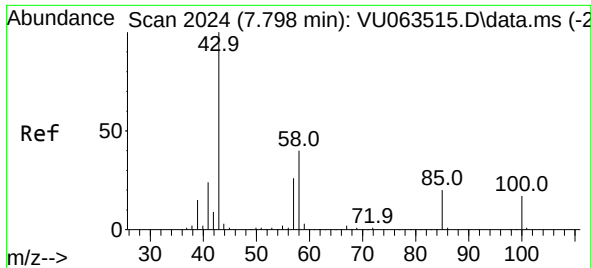
#44
Bromodichloromethane
Concen: 11.704 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56



Tgt Ion: 83 Resp: 63878

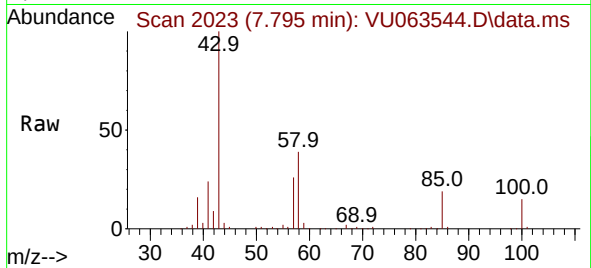
Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.7	79.1
127	8.7	8.1	12.1





#45
4-Methyl-2-Pentanone
Concen: 65.803 ug/l
RT: 7.795 min Scan# 2023
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

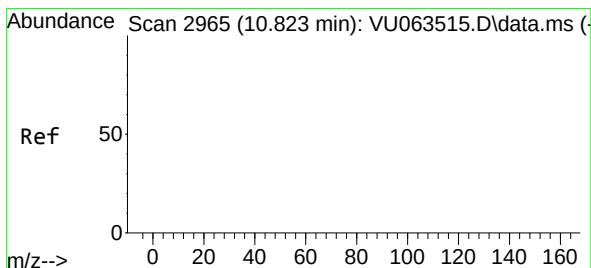
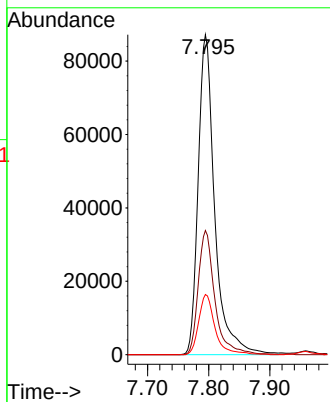
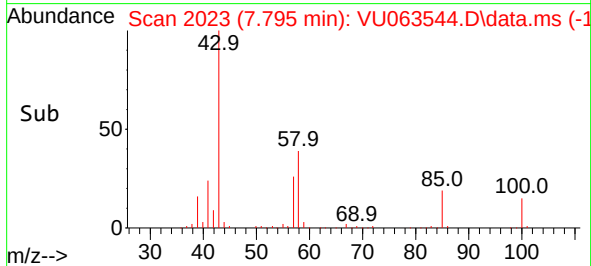
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 16413
Ion Ratio Lower Upper
43 100
58 39.0 20.0 60.0
85 18.6 15.4 23.0

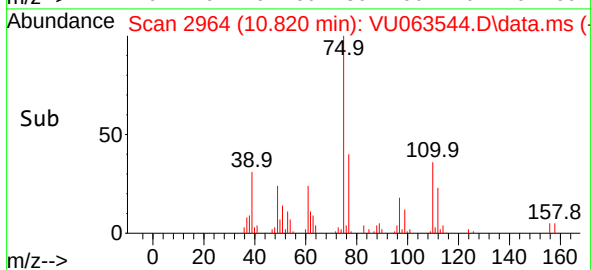
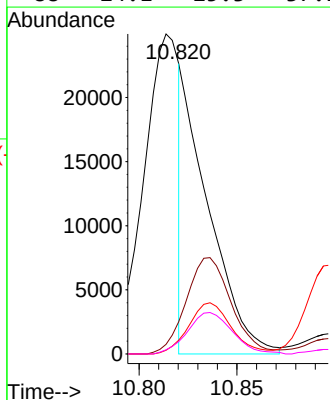
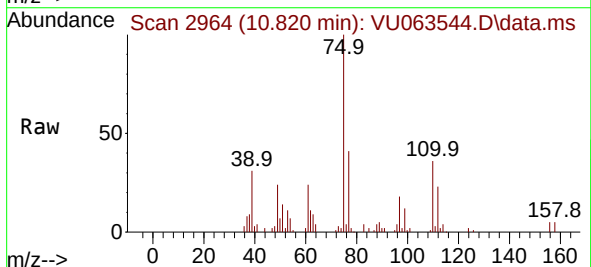
Manual Integrations
APPROVED

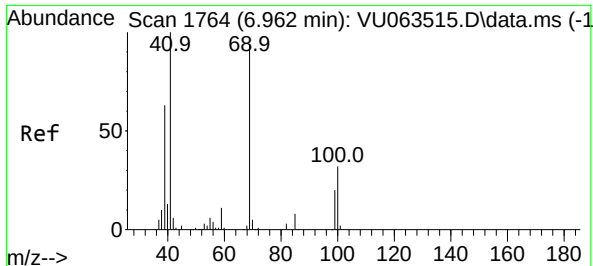
Reviewed By :Semsettin Yesilyurt 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#46
t-1,4-Dichloro-2-butene
Concen: 22.841 ug/l m
RT: 10.820 min Scan# 2964
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion: 75 Resp: 21387
Ion Ratio Lower Upper
75 100
53 56.5 48.4 72.6
89 28.5 30.6 45.8#
88 24.1 25.3 37.9#





#47

Methyl methacrylate

Concen: 24.746 ug/l

RT: 6.962 min Scan# 1764

Delta R.T. 0.000 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 69 Resp: 50298

Ion Ratio Lower Upper

69 100

41 112.2 0.0 224.0

39 71.5 55.3 82.9

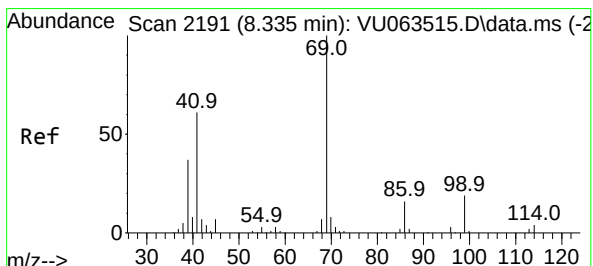
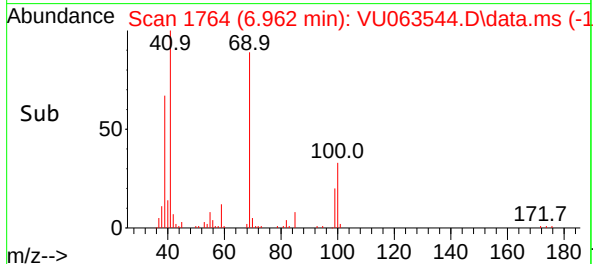
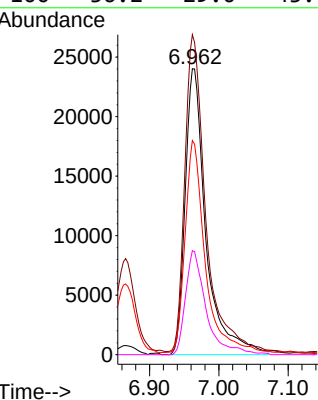
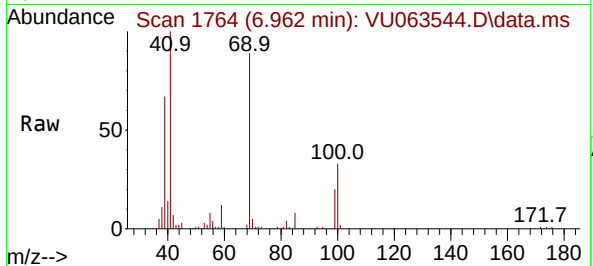
100 36.2 29.0 43.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#48

Ethyl methacrylate

Concen: 13.085 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. -0.003 min

Lab File: VU063544.D

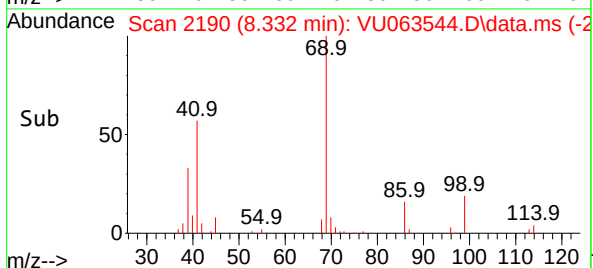
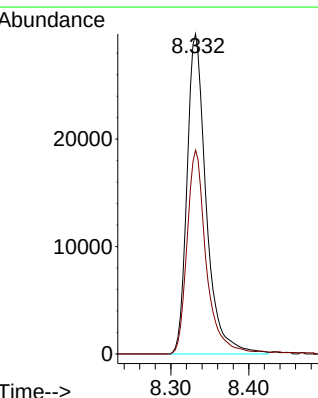
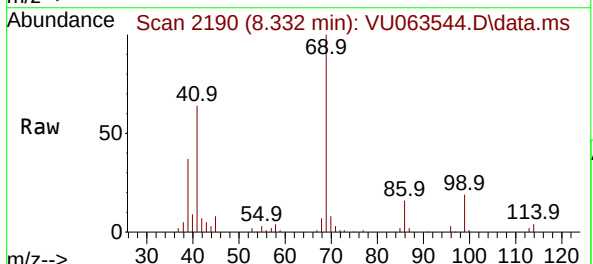
Acq: 18 Jul 2025 18:56

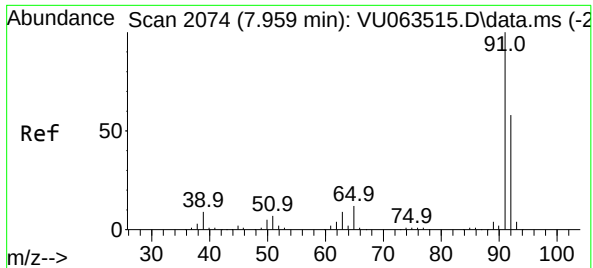
Tgt Ion: 69 Resp: 50754

Ion Ratio Lower Upper

69 100

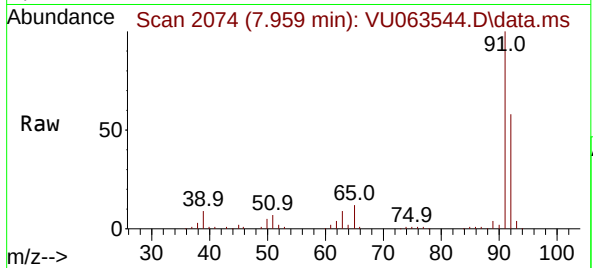
41 63.8 30.8 92.4





#49
Toluene
Concen: 12.767 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

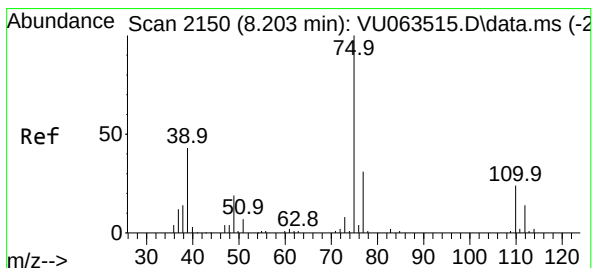
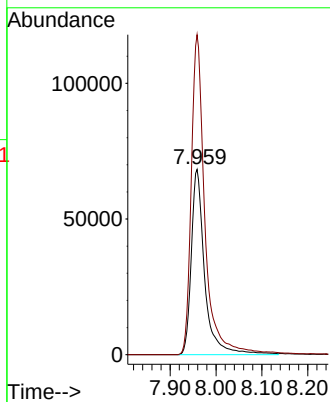
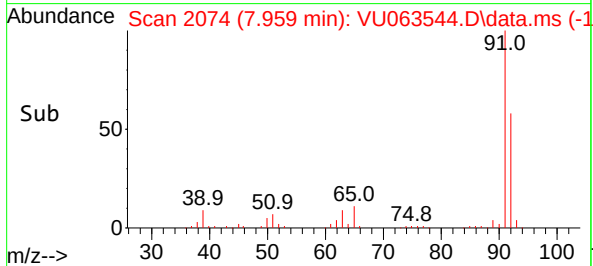
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 92 Resp: 139138
Ion Ratio Lower Upper
92 100
91 174.3 140.4 210.6

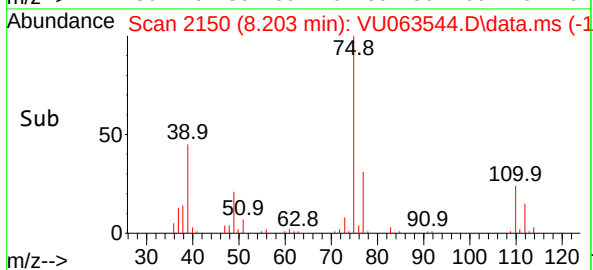
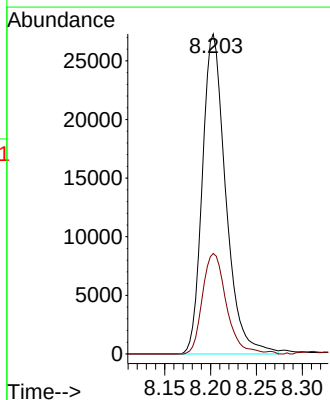
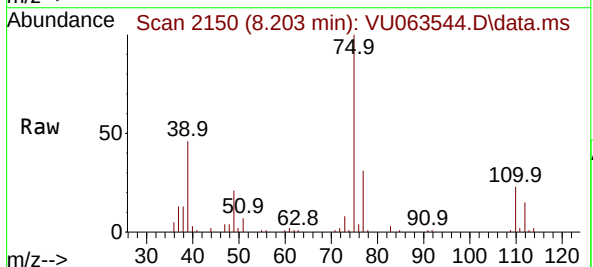
Manual Integrations
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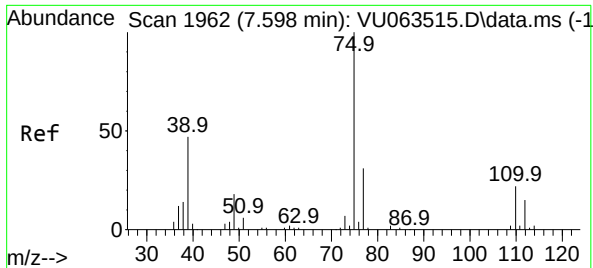
Reviewed By :Semsettin Yesilyurt 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#50
t-1,3-Dichloropropene
Concen: 11.315 ug/l
RT: 8.203 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion: 75 Resp: 48452
Ion Ratio Lower Upper
75 100
77 31.4 24.9 37.3





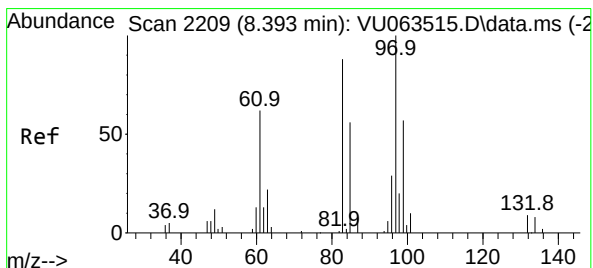
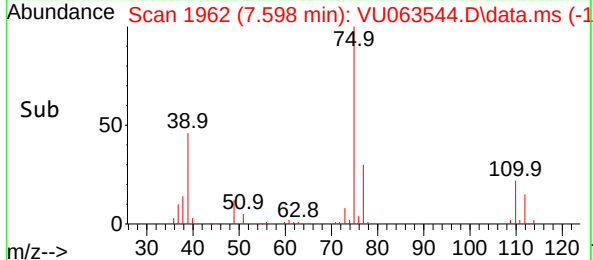
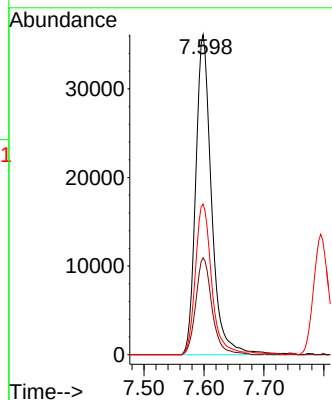
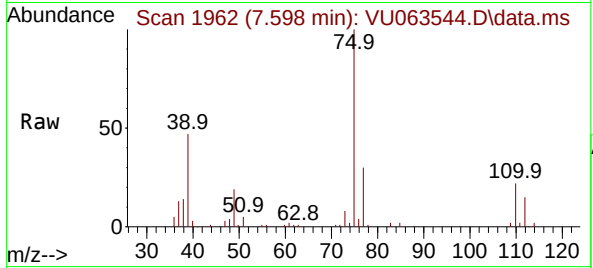
#51
 cis-1,3-Dichloropropene
 Concen: 11.536 ug/l
 RT: 7.598 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU063544.D
 Acq: 18 Jul 2025 18:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 75 Resp: 6630
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.1 37.7
 39 47.0 37.8 56.6

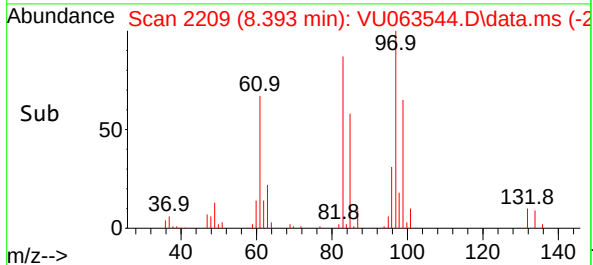
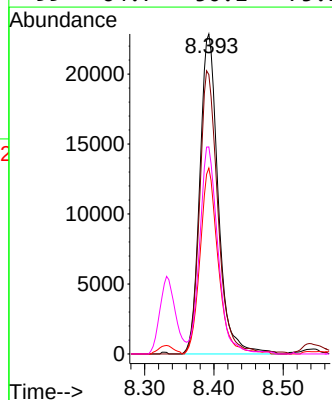
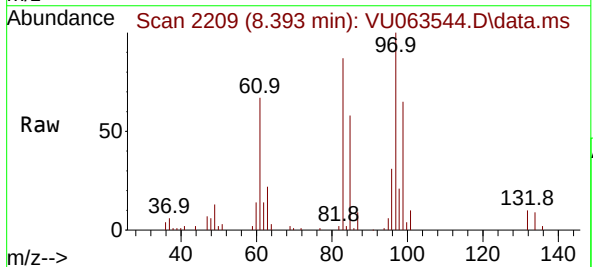
Manual Integrations
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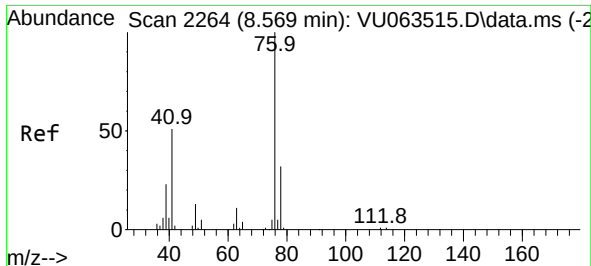
Reviewed By :Semsettin Yesilyurt 07/21/2025
 Supervised By :Mahesh Dadoda 07/21/2025



#52
 1,1,2-Trichloroethane
 Concen: 12.950 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.000 min
 Lab File: VU063544.D
 Acq: 18 Jul 2025 18:56

Tgt Ion: 97 Resp: 42195
 Ion Ratio Lower Upper
 97 100
 83 87.3 70.2 105.2
 85 58.1 45.2 67.8
 99 64.7 50.1 75.1





#53

1,3-Dichloropropane

Concen: 13.013 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 76 Resp: 73190

Ion Ratio Lower Upper

76 100

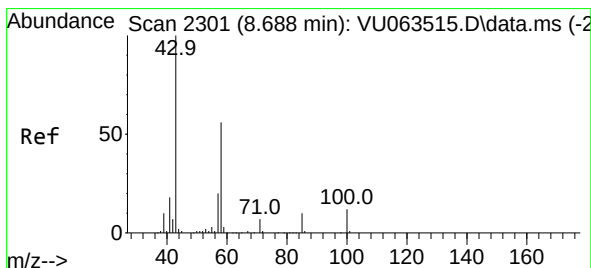
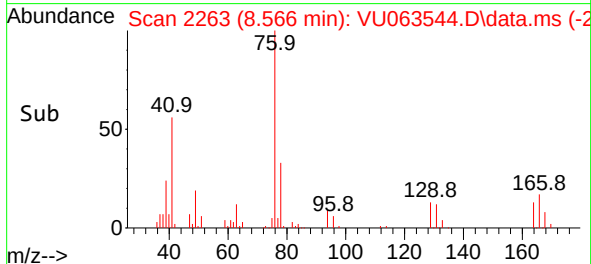
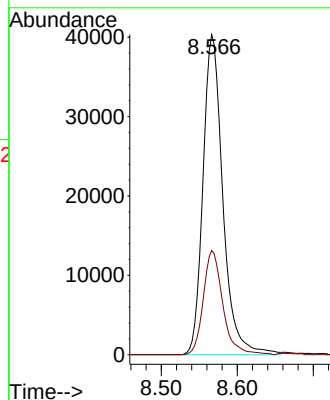
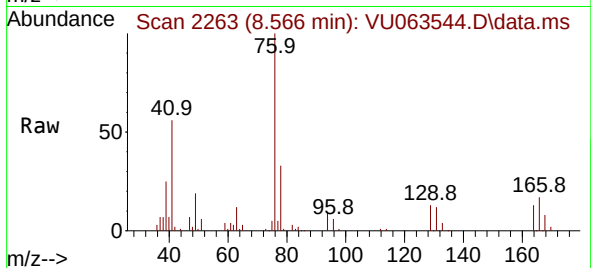
78 31.9 26.0 39.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#54

2-Hexanone

Concen: 66.656 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. -0.003 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

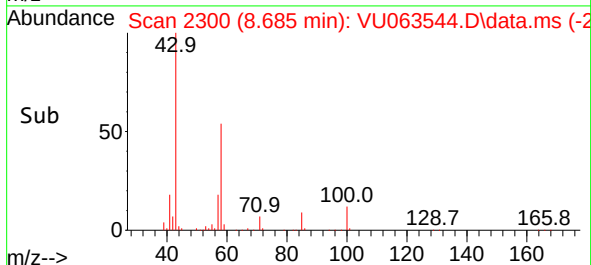
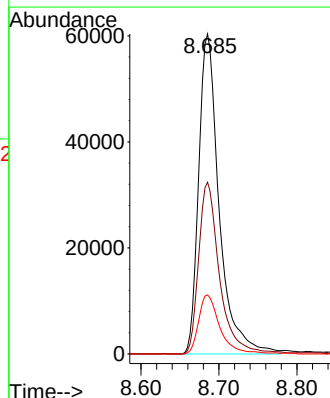
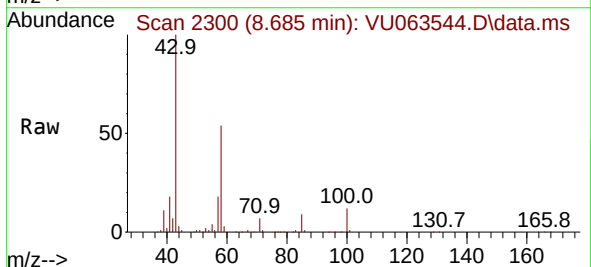
Tgt Ion: 43 Resp: 110434

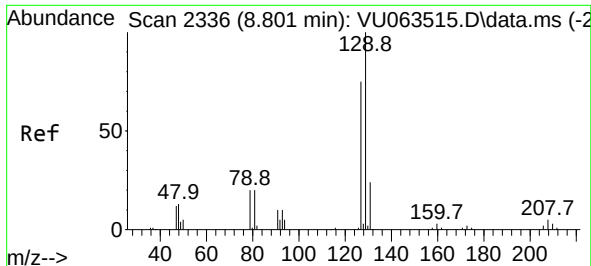
Ion Ratio Lower Upper

43 100

58 54.6 34.8 74.8

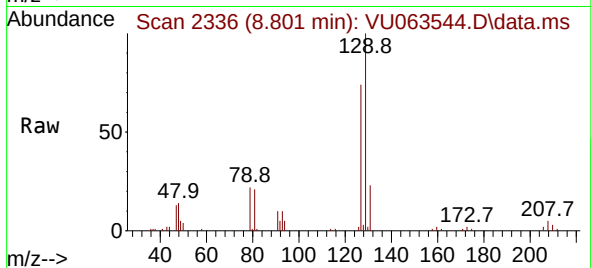
57 19.0 0.0 39.5





#55
Dibromochloromethane
Concen: 12.206 ug/l
RT: 8.801 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

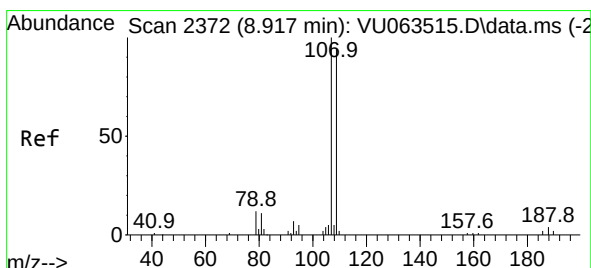
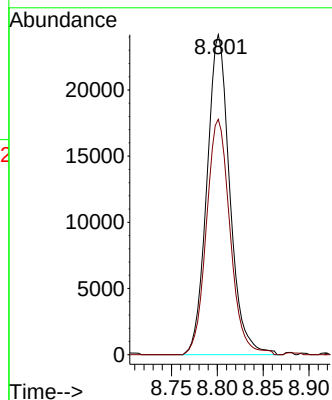
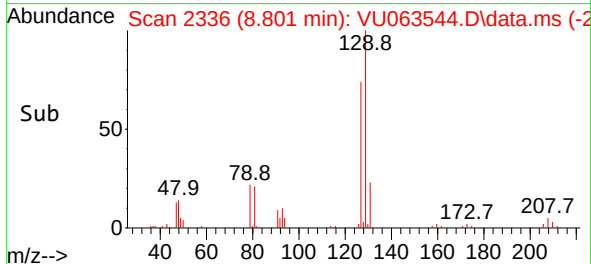
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:129 Resp: 4202
Ion Ratio Lower Upper
129 100
127 76.0 60.1 90.1

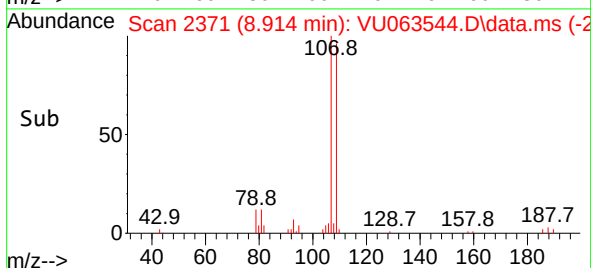
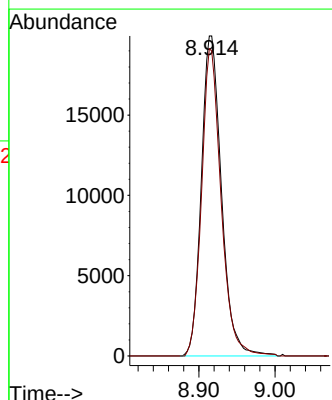
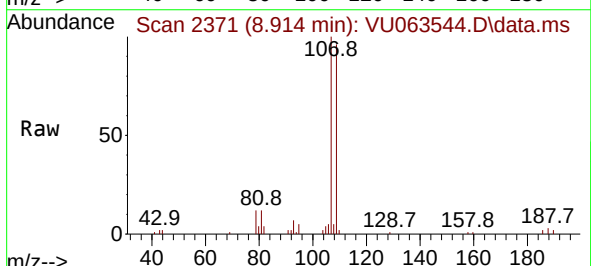
Manual Integrations
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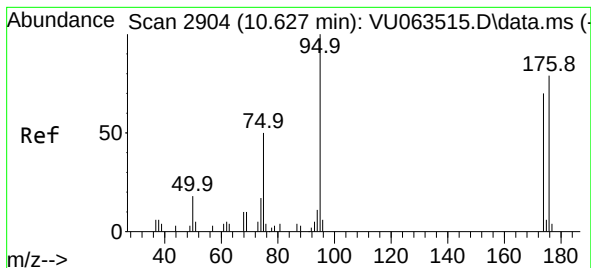
Reviewed By :Semsettin Yesilyurt 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#56
1,2-Dibromoethane
Concen: 12.568 ug/l
RT: 8.914 min Scan# 2371
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

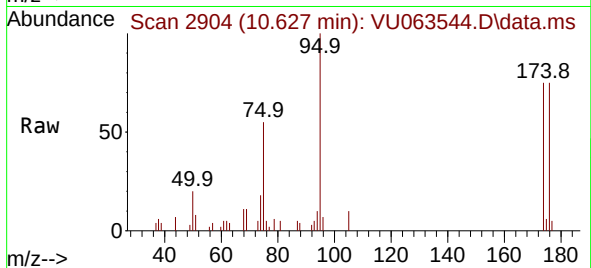
Tgt Ion:107 Resp: 36648
Ion Ratio Lower Upper
107 100
109 93.3 0.0 186.4





#57
4-Bromofluorobenzene
Concen: 1.230 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

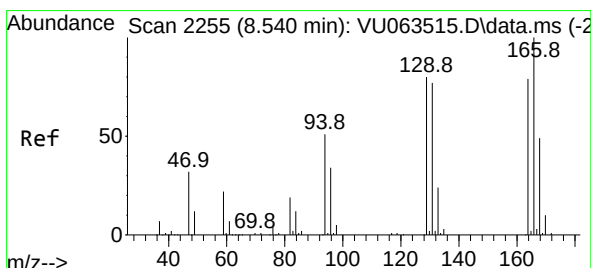
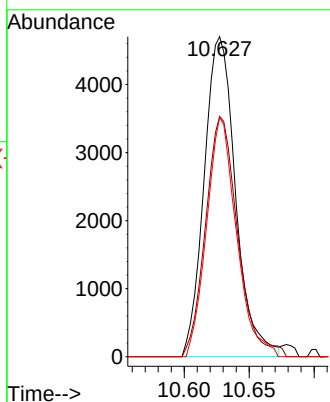
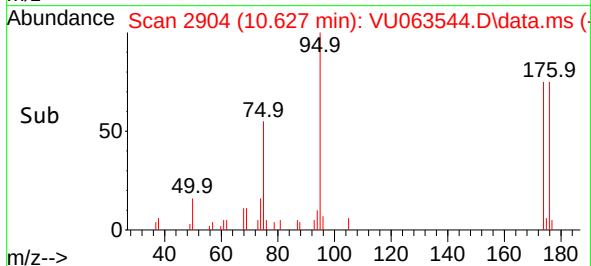
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 95 Resp: 789
Ion Ratio Lower Upper
95 100
174 76.6 59.8 89.8
176 71.1 61.8 92.8

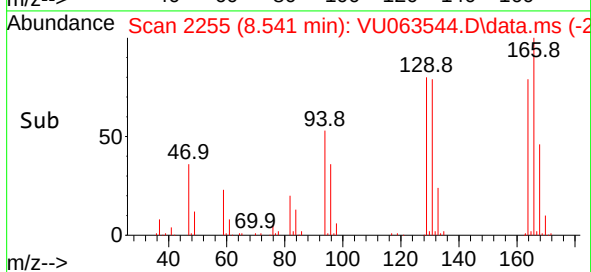
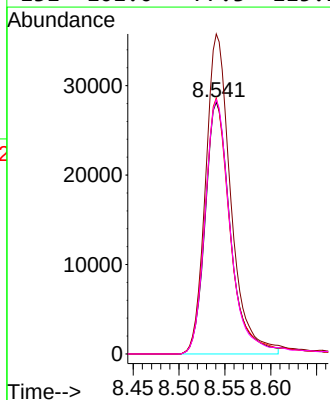
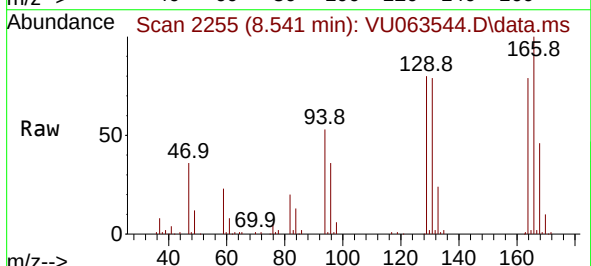
Manual Integrations
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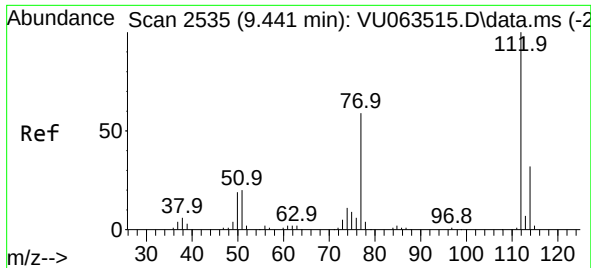
Reviewed By :Semsettin Yesilyurt 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#58
Tetrachloroethene
Concen: 11.547 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion:164 Resp: 53824
Ion Ratio Lower Upper
164 100
166 127.1 100.7 151.1
129 101.6 80.6 120.8
131 101.0 77.3 115.9





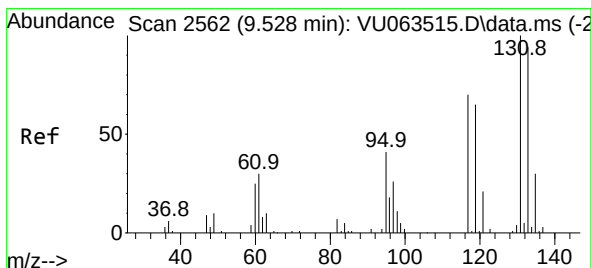
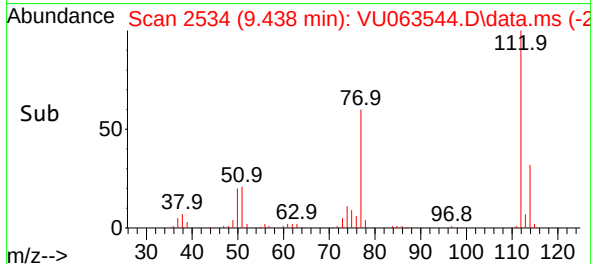
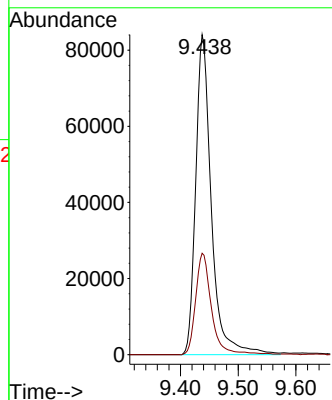
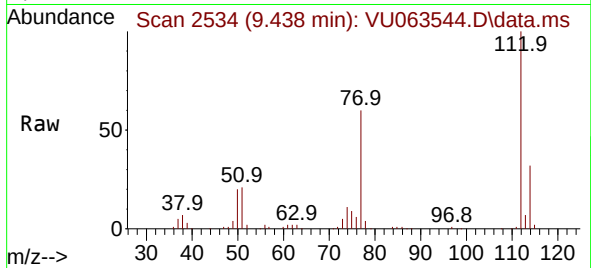
#59
Chlorobenzene
Concen: 12.620 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:112 Resp: 157970
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

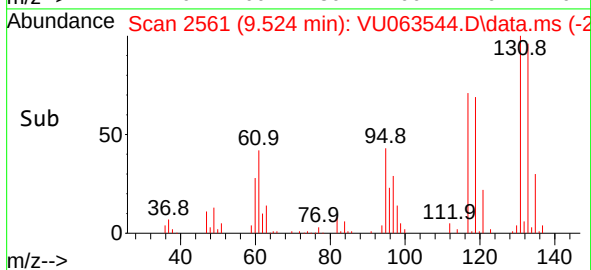
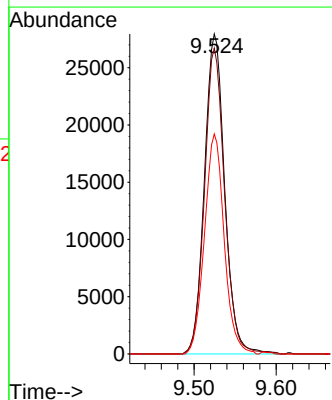
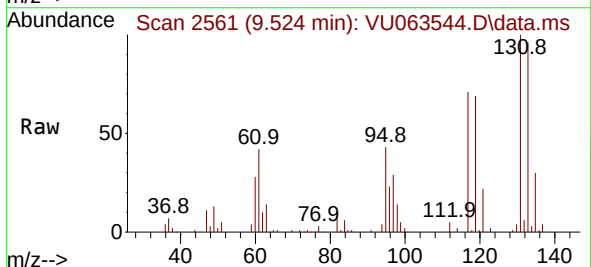
Manual Integrations
APPROVED

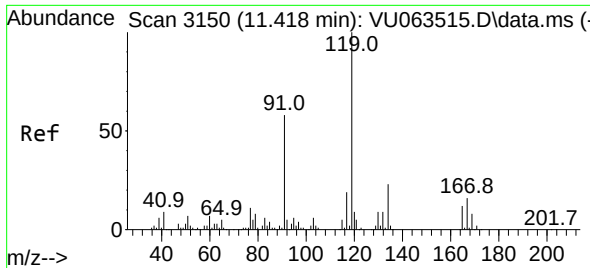
Reviewed By :Semsettin Yesilyurt 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 11.922 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

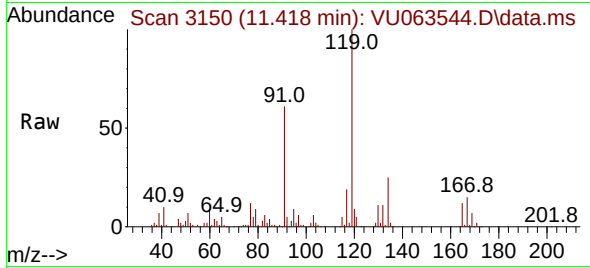
Tgt Ion:131 Resp: 47992
Ion Ratio Lower Upper
131 100
133 95.0 74.7 112.1
119 67.0 53.0 79.4





#61
Pentachloroethane
Concen: 12.966 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

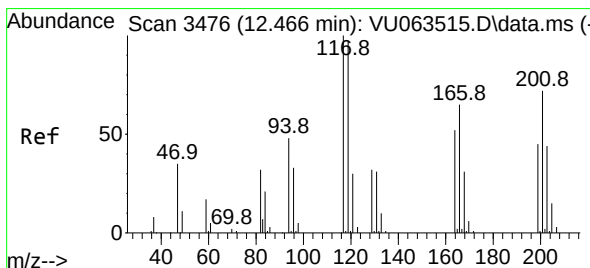
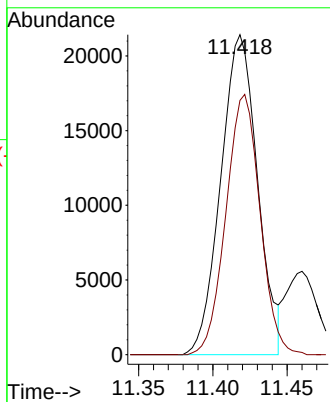
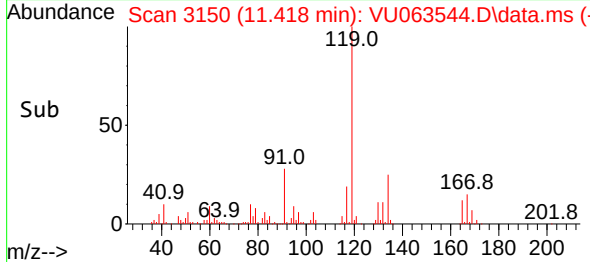
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:117 Resp: 3688
Ion Ratio Lower Upper
117 100
167 75.5 65.0 97.6

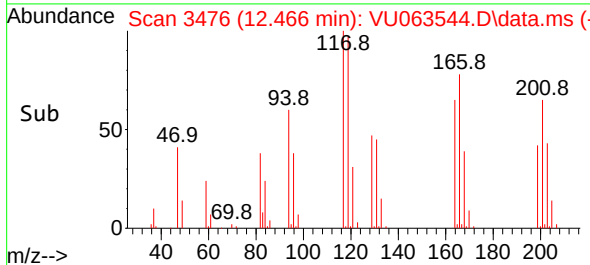
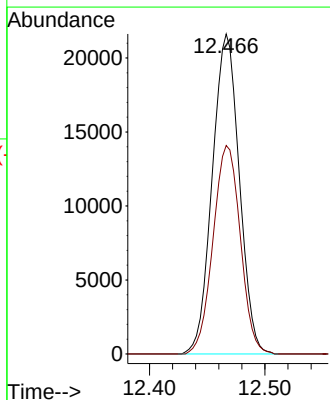
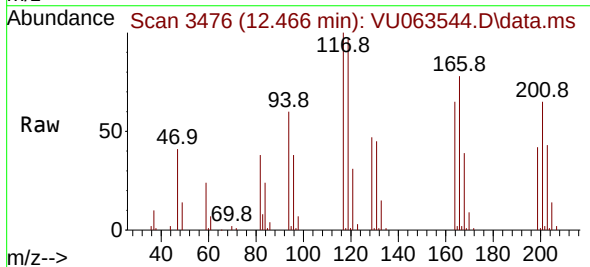
Manual Integrations
APPROVED

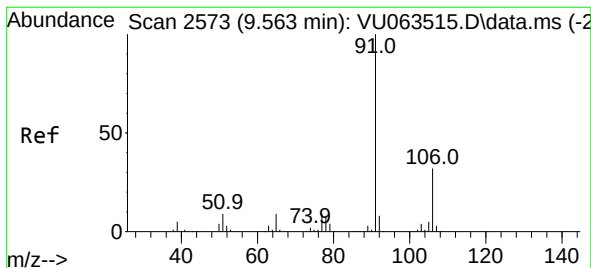
Reviewed By :Semsettin Yesilyurt 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#62
Hexachloroethane
Concen: 12.481 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion:117 Resp: 35155
Ion Ratio Lower Upper
117 100
201 65.8 57.4 86.0





#63

Ethyl Benzene

Concen: 12.689 ug/l

RT: 9.560 min Scan# 2573

Delta R.T. -0.003 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 273334

Ion Ratio Lower Upper

91 100

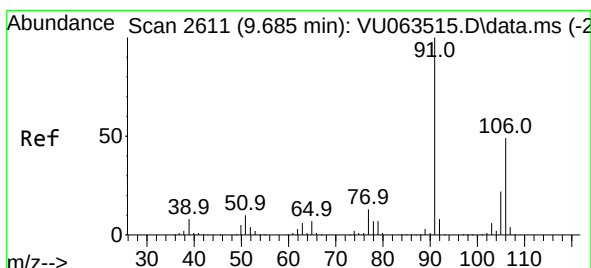
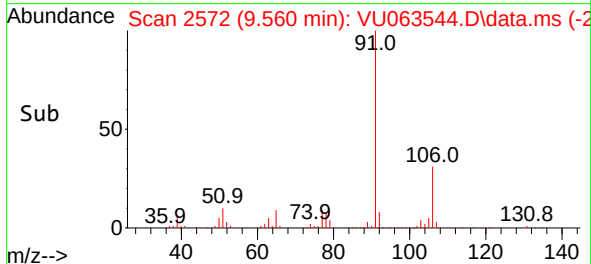
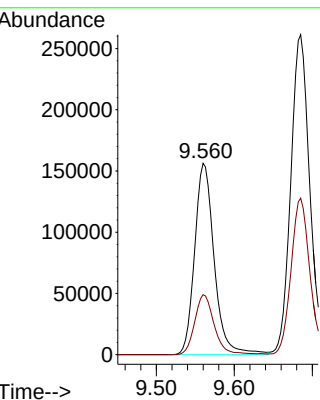
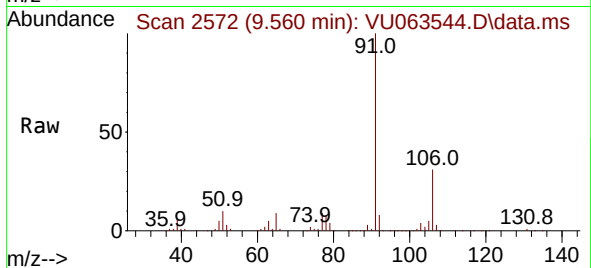
106 31.4 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#64

m/p-Xylenes

Concen: 26.181 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. 0.000 min

Lab File: VU063544.D

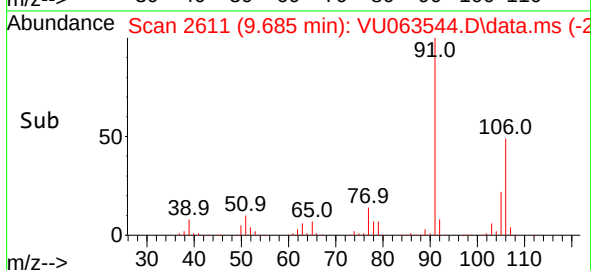
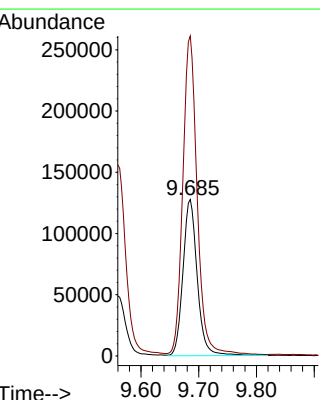
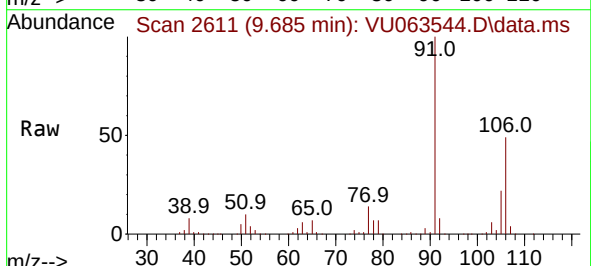
Acq: 18 Jul 2025 18:56

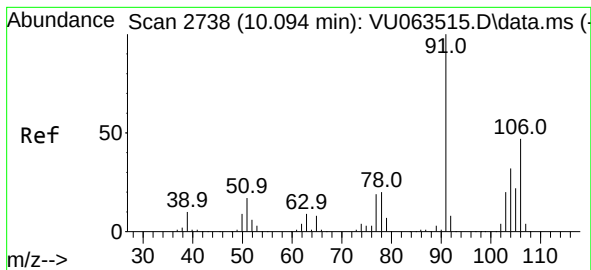
Tgt Ion:106 Resp: 219209

Ion Ratio Lower Upper

106 100

91 205.6 163.6 245.4





#65

o-Xylene

Concen: 13.178 ug/l

RT: 10.090 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:106 Resp: 10601

Ion Ratio Lower Upper

106 100

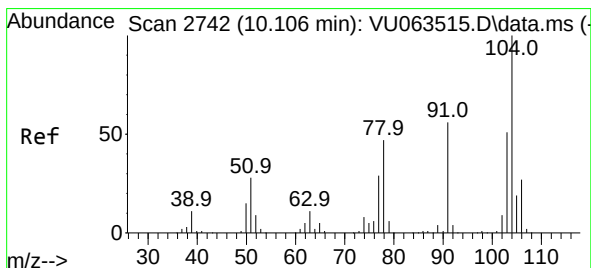
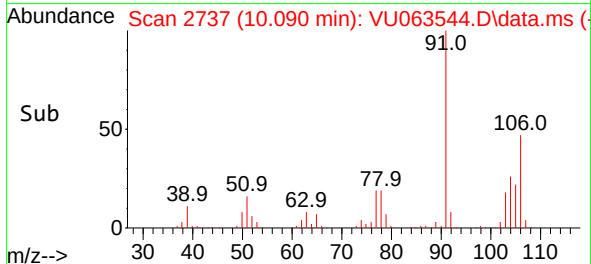
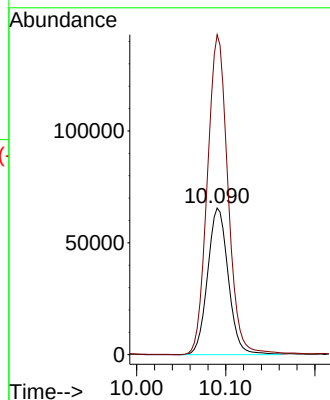
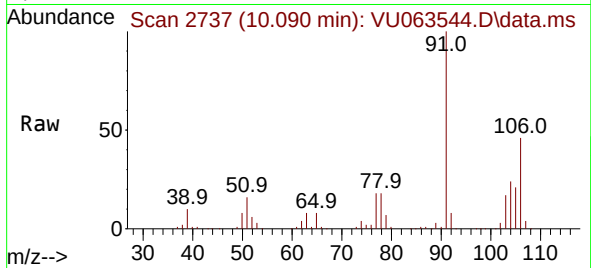
91 217.9 108.1 324.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#66

Styrene

Concen: 13.632 ug/l

RT: 10.106 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

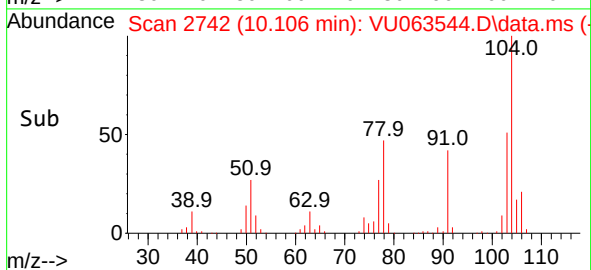
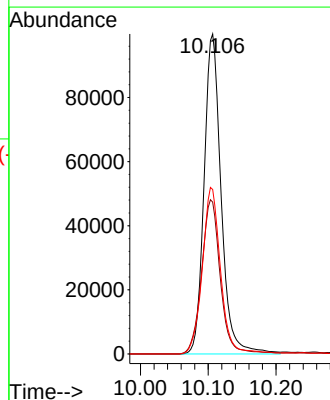
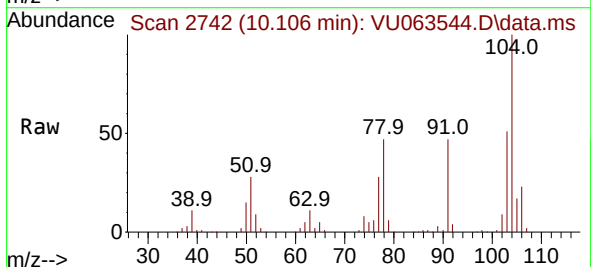
Tgt Ion:104 Resp: 174794

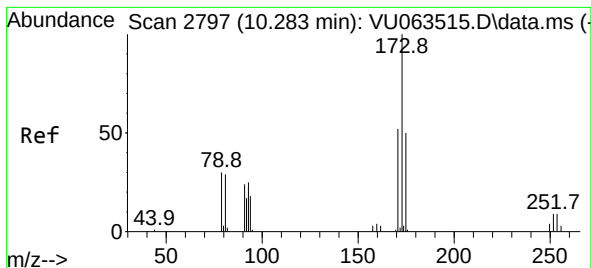
Ion Ratio Lower Upper

104 100

78 53.0 41.3 61.9

103 55.6 43.6 65.4





#67

Bromoform

Concen: 11.159 ug/l

RT: 10.280 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

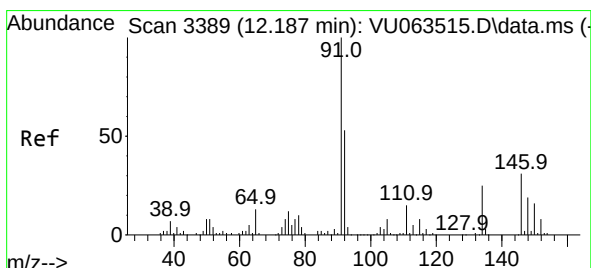
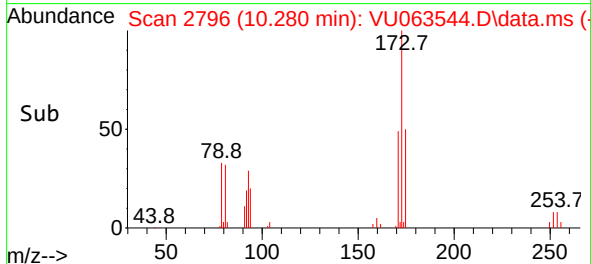
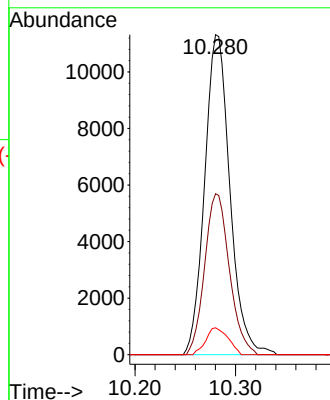
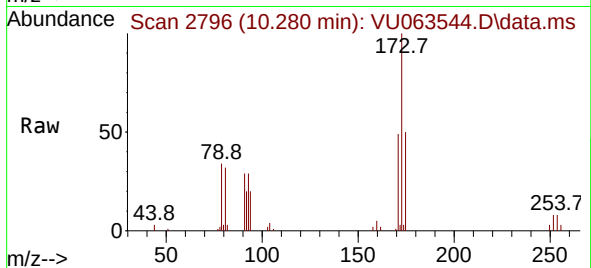
VSTDCCC010EC

Tgt Ion:173	Resp:	19734
Ion Ratio	Lower	Upper
173	100	
175	49.3	39.0 58.4
254	7.4	6.5 9.7

Manual Integrations

APPROVED

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



#68

1,2-Dichlorobenzene-d4

Concen: 1.317 ug/l

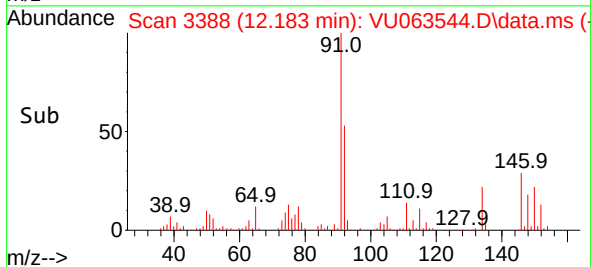
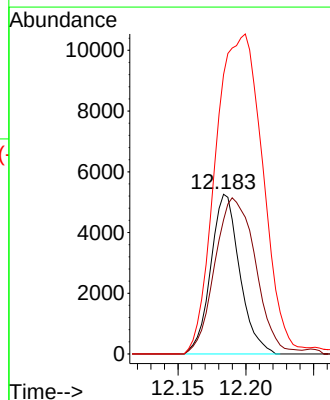
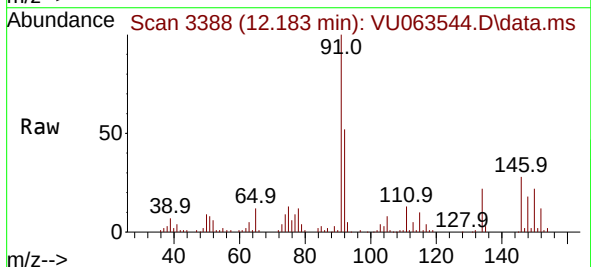
RT: 12.183 min Scan# 3388

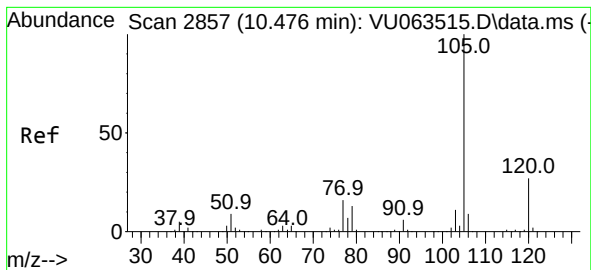
Delta R.T. -0.003 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Tgt Ion:152	Resp:	7815
Ion Ratio	Lower	Upper
152	100	
115	137.5	0.0 262.2
150	329.3	0.0 651.2





#69

Isopropylbenzene

Concen: 13.288 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 25845

Ion Ratio Lower Upper

105 100

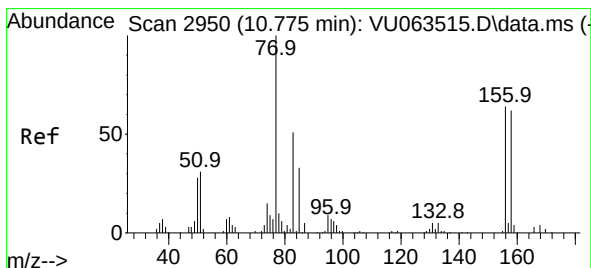
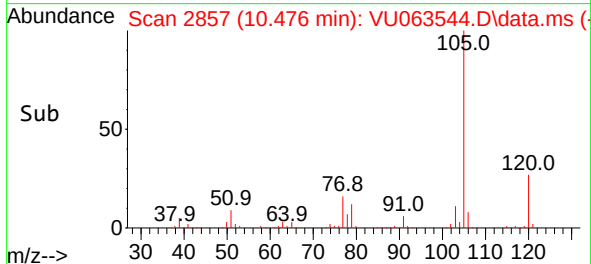
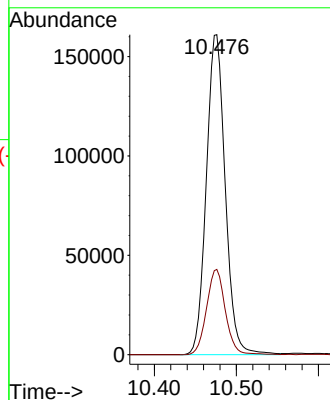
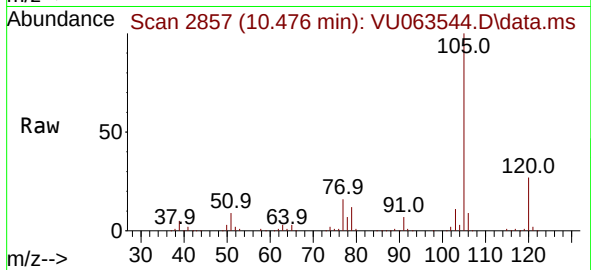
120 26.5 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 13.578 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

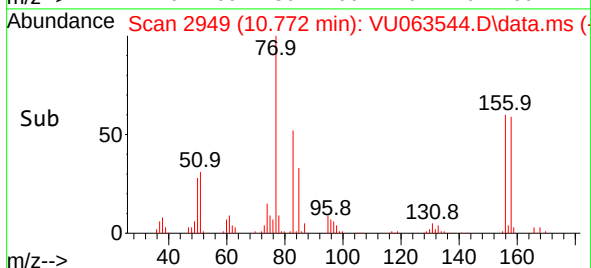
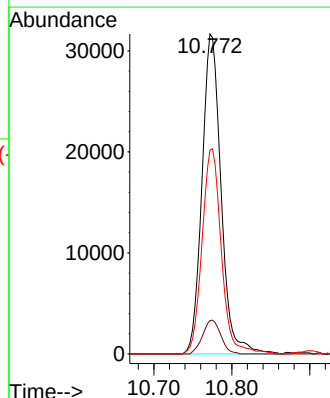
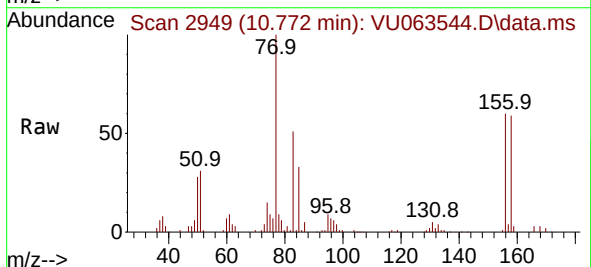
Tgt Ion: 83 Resp: 53834

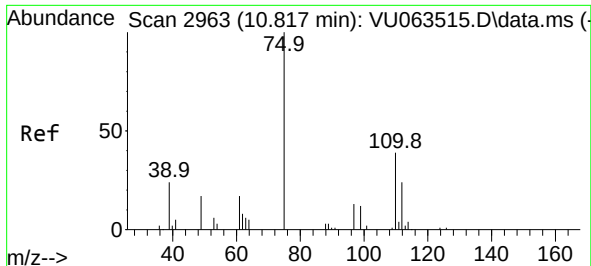
Ion Ratio Lower Upper

83 100

131 10.0 8.4 12.6

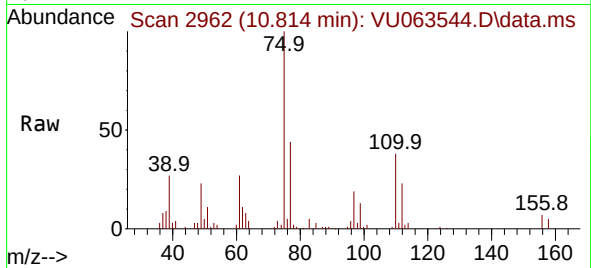
85 64.8 51.9 77.9





#71
1,2,3-Trichloropropane
Concen: 10.870 ug/l m
RT: 10.814 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

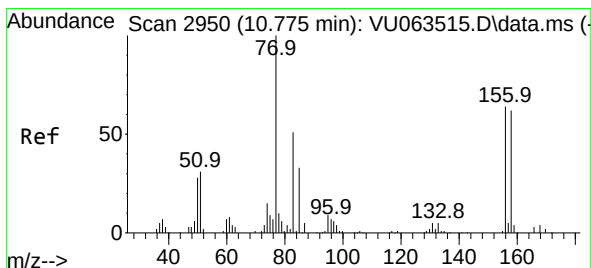
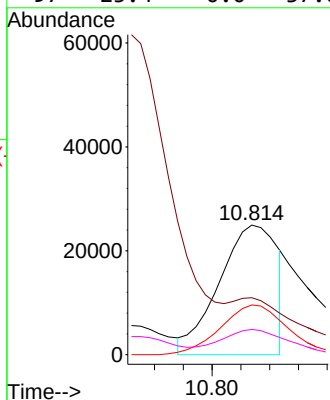
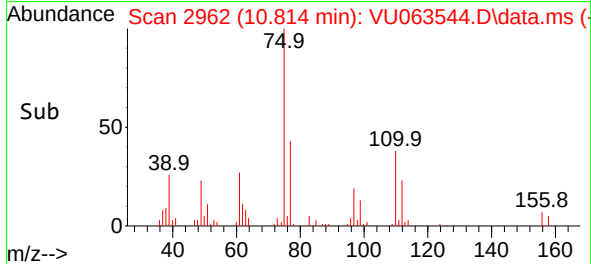
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



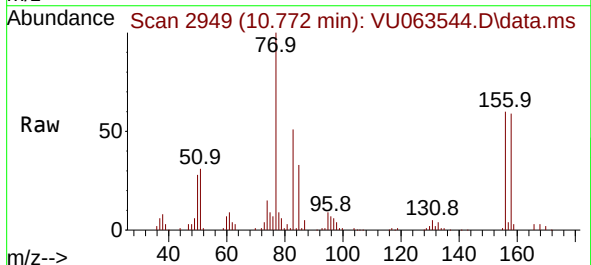
Tgt Ion:	75	Resp:	3500
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0
110	44.7	0.0	73.2
97	23.4	0.0	37.6

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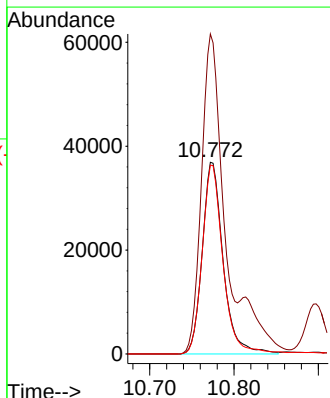
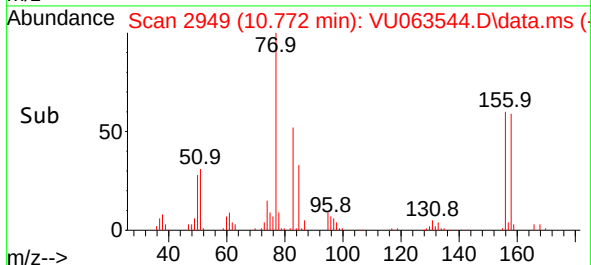
Reviewed By :Semsettin Yesilyurt 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

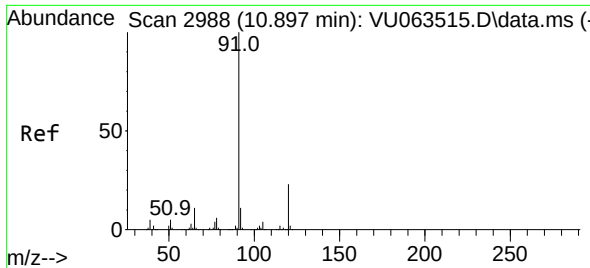


#72
Bromobenzene
Concen: 12.683 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56



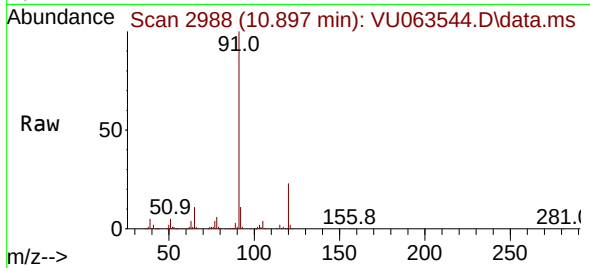
Tgt Ion:	156	Resp:	63661
Ion Ratio	Lower	Upper	
156	100		
77	165.1	0.0	315.2
158	98.4	0.0	195.4





#73
n-propylbenzene
Concen: 13.486 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

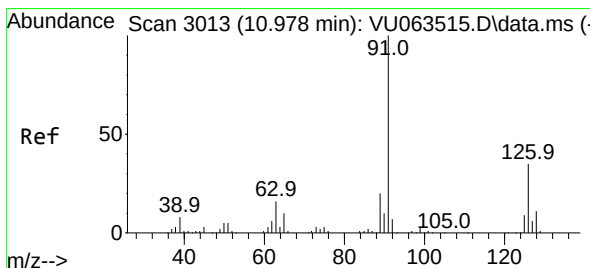
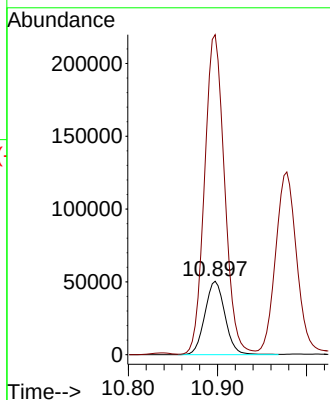
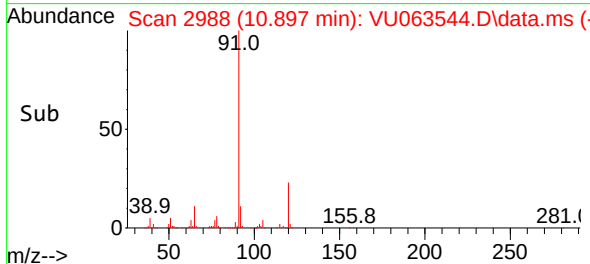
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:120 Resp: 78962
Ion Ratio Lower Upper
120 100
91 433.2 343.1 514.7

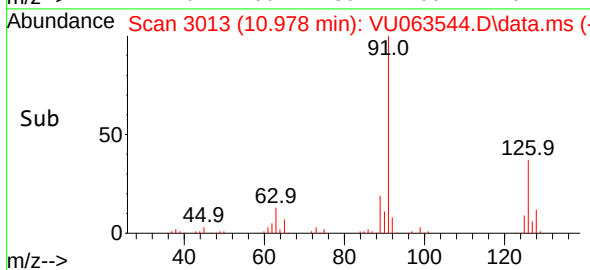
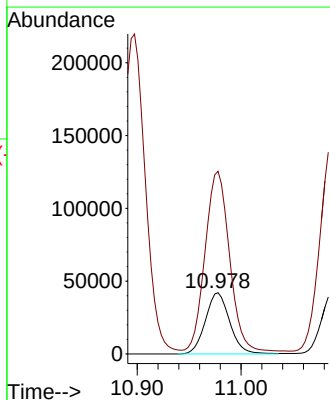
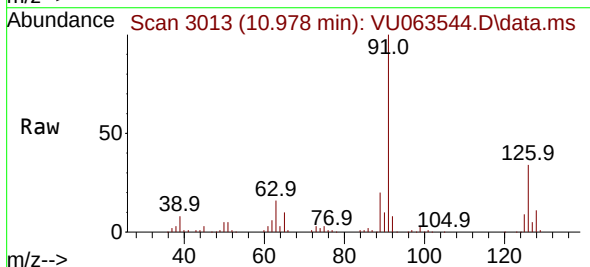
Manual Integrations
APPROVED

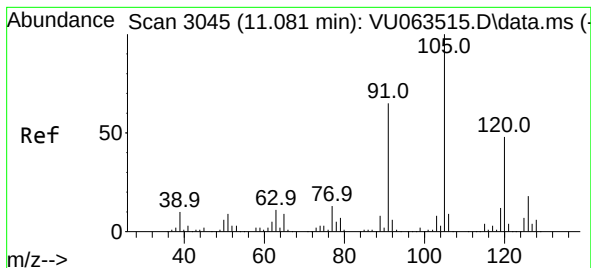
Reviewed By :Semsettin Yesilyurt 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



#74
2-Chlorotoluene
Concen: 13.172 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion:126 Resp: 68161
Ion Ratio Lower Upper
126 100
91 304.6 0.0 606.0





#75

1,3,5-Trimethylbenzene

Concen: 13.628 ug/l

RT: 11.077 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 25321

Ion Ratio Lower Upper

105 100

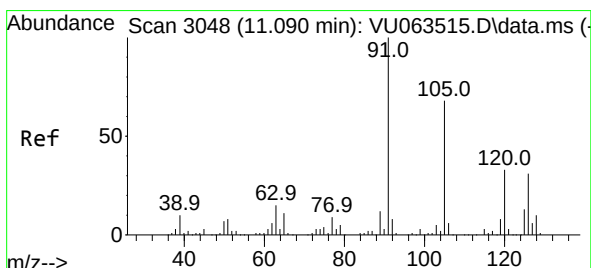
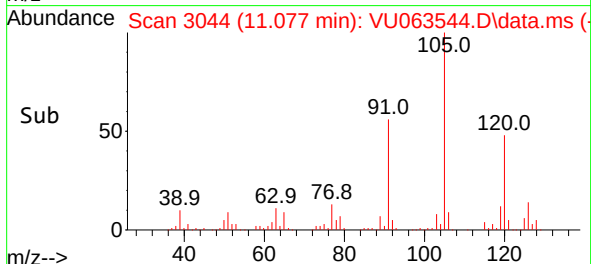
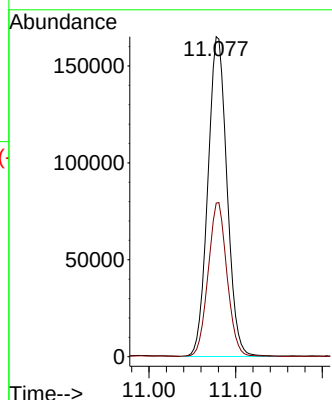
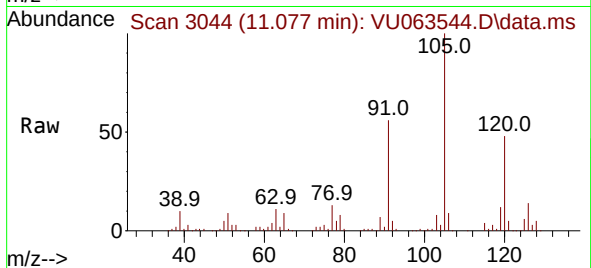
120 47.2 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#76

4-Chlorotoluene

Concen: 13.418 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VU063544.D

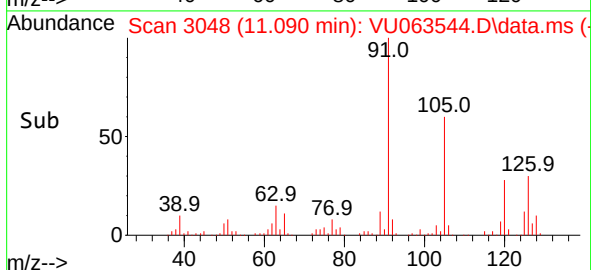
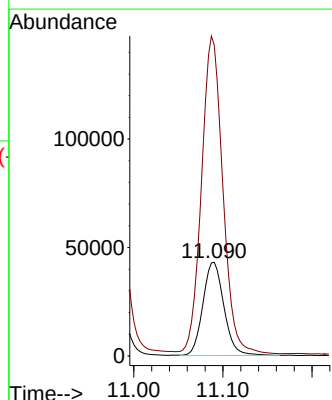
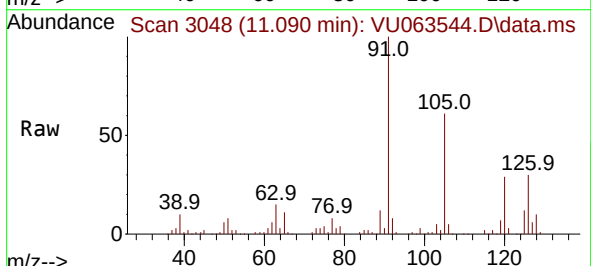
Acq: 18 Jul 2025 18:56

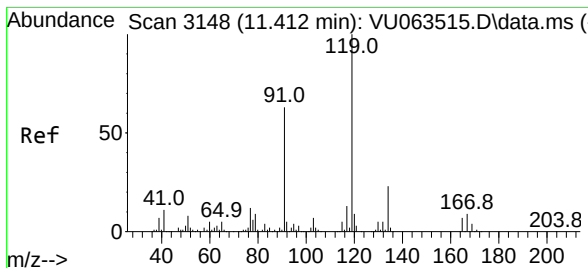
Tgt Ion:126 Resp: 70511

Ion Ratio Lower Upper

126 100

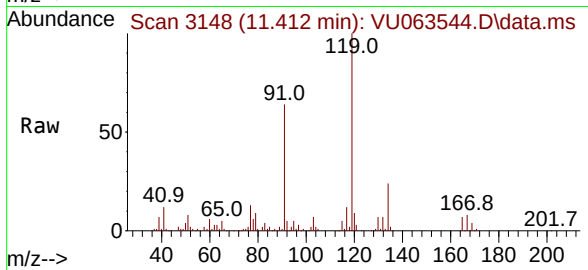
91 345.5 0.0 682.2





#77
 tert-Butylbenzene
 Concen: 13.376 ug/l
 RT: 11.412 min Scan# 3148
 Delta R.T. 0.000 min
 Lab File: VU063544.D
 Acq: 18 Jul 2025 18:56

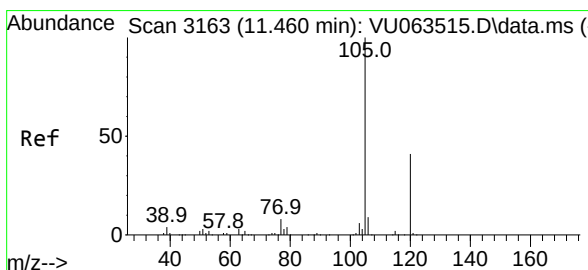
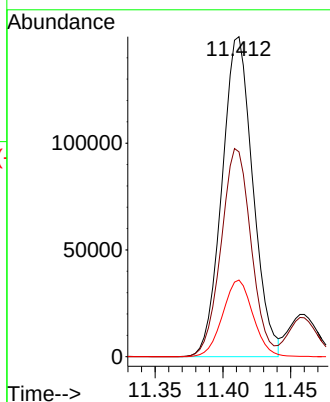
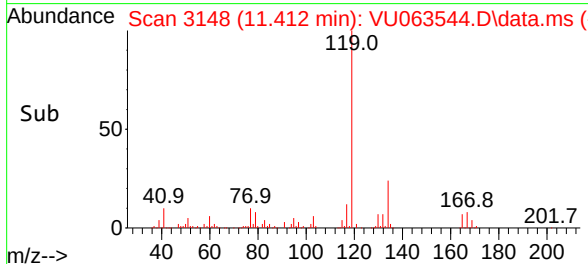
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:119 Resp: 23752
 Ion Ratio Lower Upper
 119 100
 91 63.2 30.7 92.1
 134 23.7 18.5 27.7

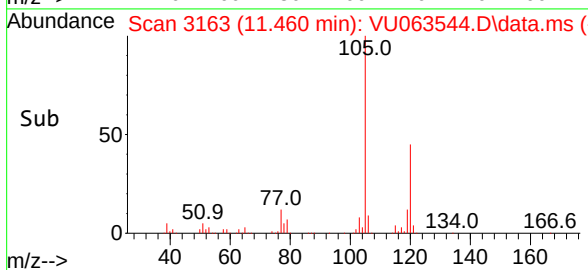
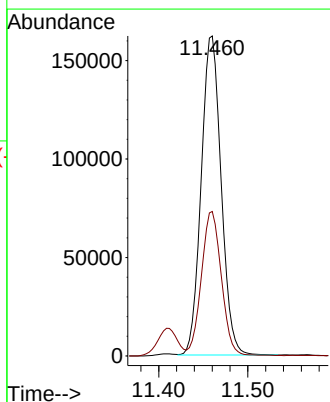
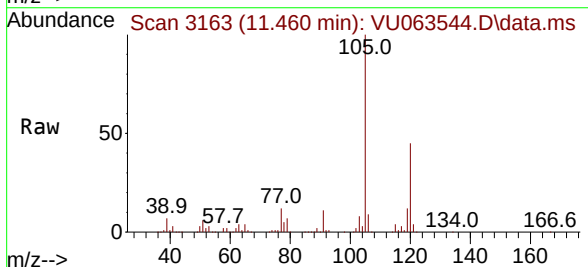
Manual Integrations
 APPROVED

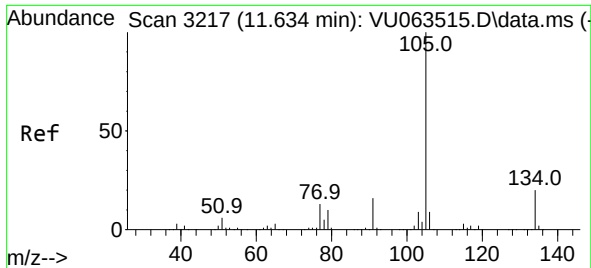
Reviewed By :Semsettin Yesilyurt 07/21/2025
 Supervised By :Mahesh Dadoda 07/21/2025



#78
 1,2,4-Trimethylbenzene
 Concen: 13.660 ug/l
 RT: 11.460 min Scan# 3163
 Delta R.T. 0.000 min
 Lab File: VU063544.D
 Acq: 18 Jul 2025 18:56

Tgt Ion:105 Resp: 251804
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.7 68.0





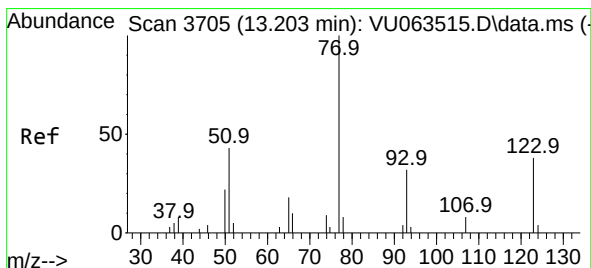
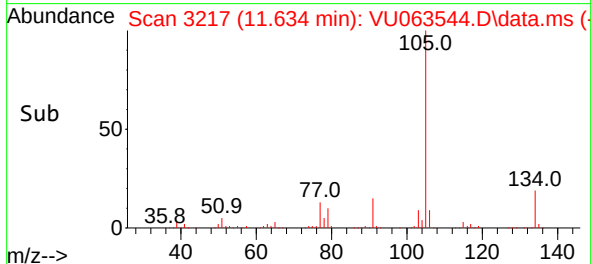
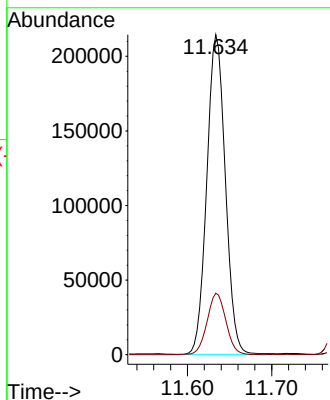
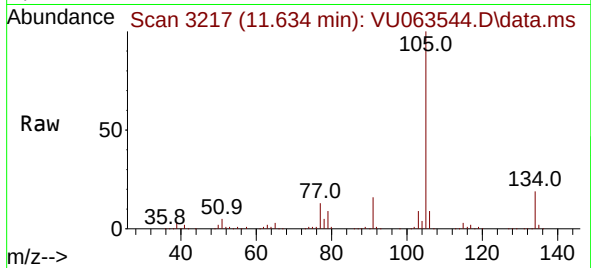
#79
 sec-Butylbenzene
 Concen: 13.715 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. 0.000 min
 Lab File: VU063544.D
 Acq: 18 Jul 2025 18:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:105 Resp: 32841
 Ion Ratio Lower Upper
 105 100
 134 19.5 16.2 24.4

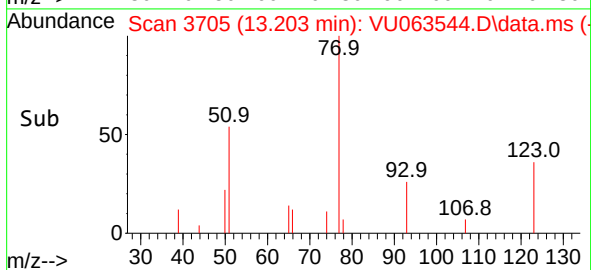
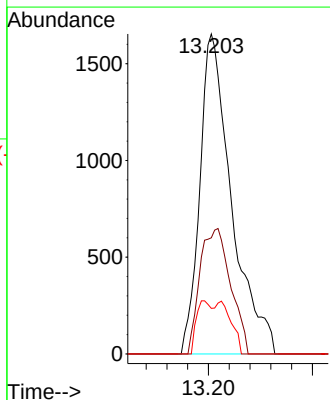
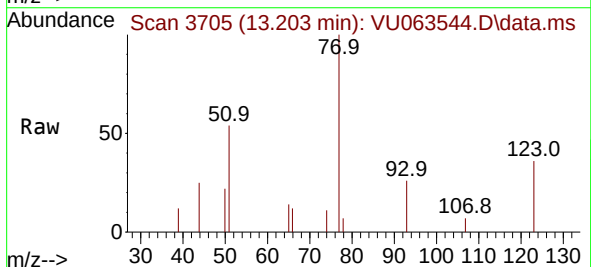
Manual Integrations
 APPROVED

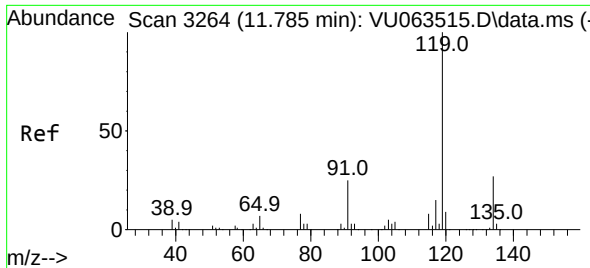
Reviewed By :Semsettin Yesilyurt 07/21/2025
 Supervised By :Mahesh Dadoda 07/21/2025



#80
 Nitrobenzene
 Concen: 41.586 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.000 min
 Lab File: VU063544.D
 Acq: 18 Jul 2025 18:56

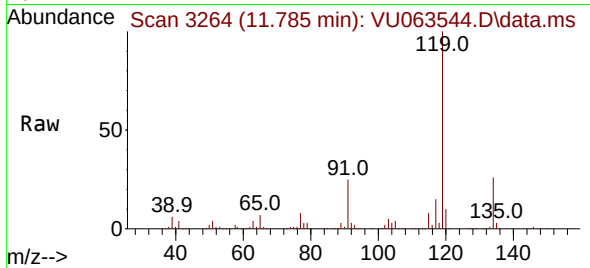
Tgt Ion: 77 Resp: 3504
 Ion Ratio Lower Upper
 77 100
 123 37.8 16.9 59.7
 65 7.8 16.5 20.9#





#81
p-Isopropyltoluene
Concen: 13.672 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

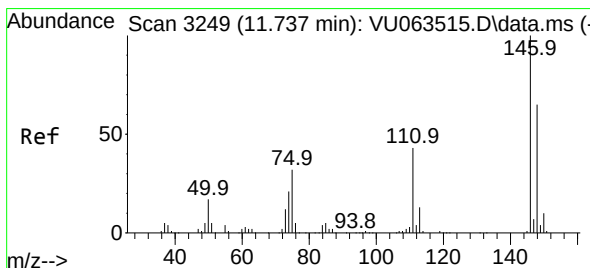
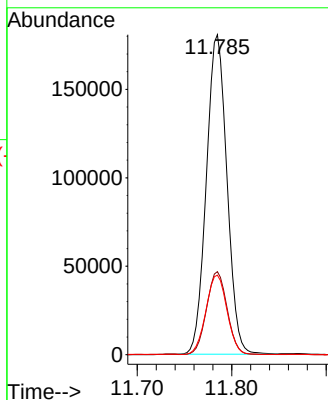
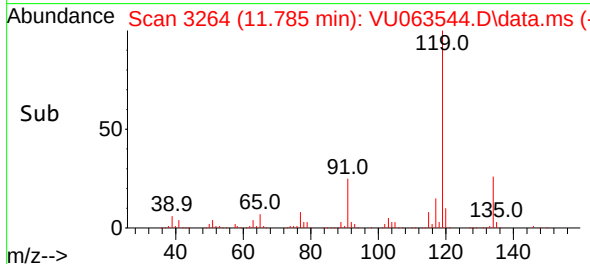
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



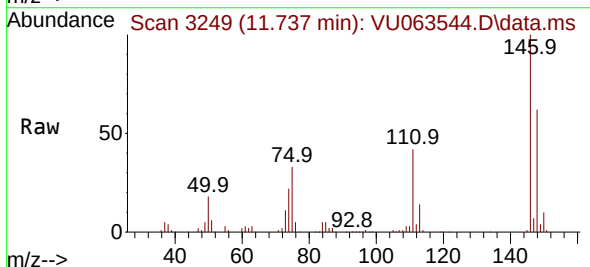
Tgt Ion:119 Resp: 273292
Ion Ratio Lower Upper
119 100
134 25.8 21.1 31.7
91 25.3 19.8 29.8

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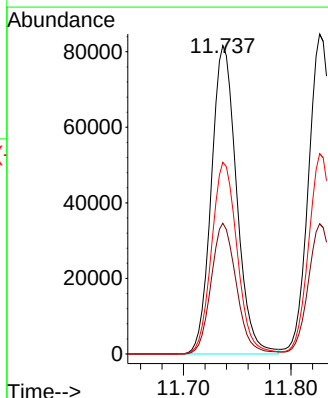
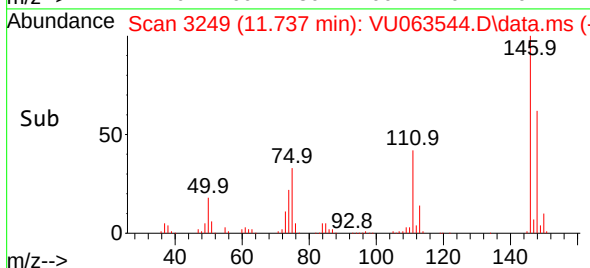
Reviewed By :Semsettin Yesilyurt 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

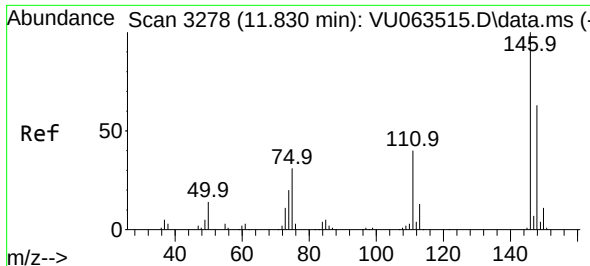


#82
1,3-Dichlorobenzene
Concen: 13.274 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56



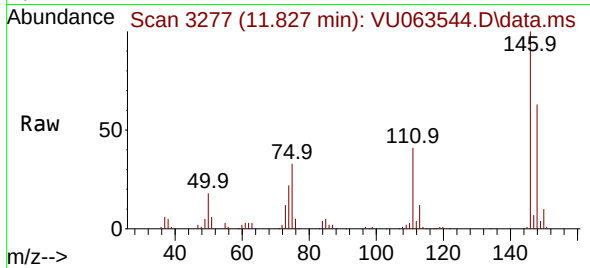
Tgt Ion:146 Resp: 133319
Ion Ratio Lower Upper
146 100
111 42.4 33.8 50.6
148 63.1 51.5 77.3





#83
1,4-Dichlorobenzene
Concen: 13.426 ug/l
RT: 11.827 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

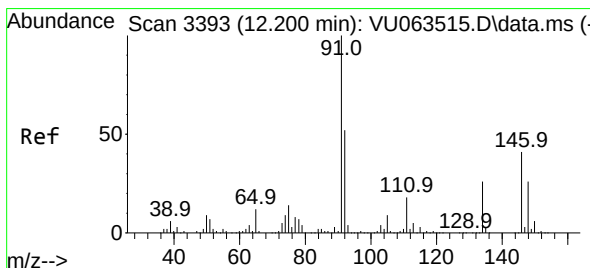
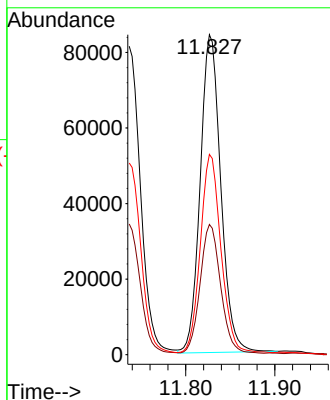
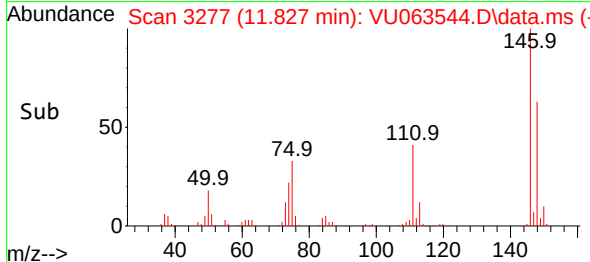
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



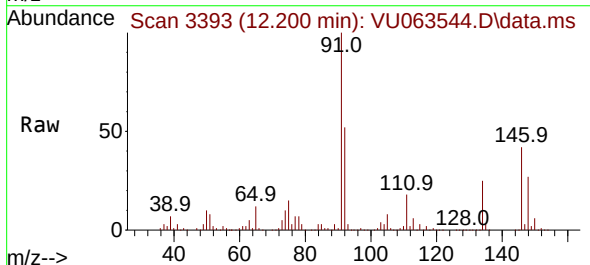
Tgt Ion:146 Resp: 13497
Ion Ratio Lower Upper
146 100
111 40.6 32.0 48.0
148 62.8 50.2 75.2

Manual Integrations
APPROVED

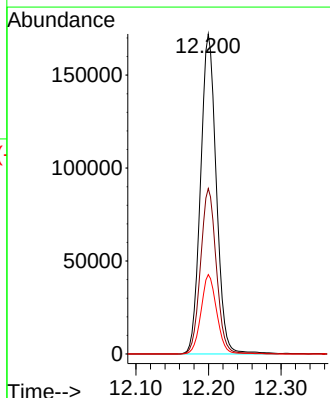
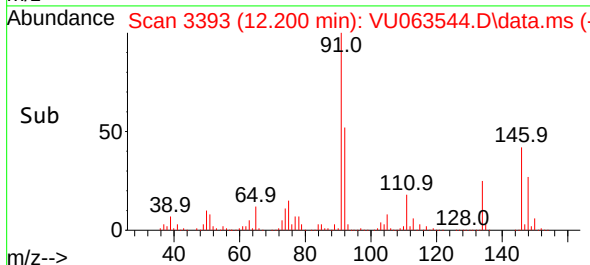
Reviewed By :Semsettin Yesilyurt 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

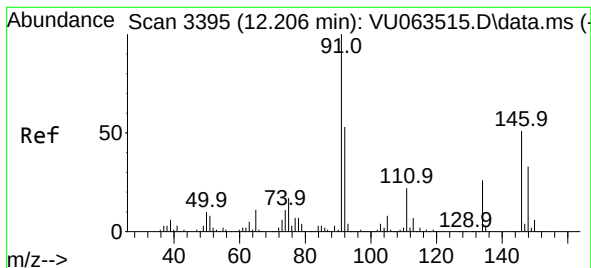


#84
n-Butylbenzene
Concen: 14.015 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56



Tgt Ion: 91 Resp: 259823
Ion Ratio Lower Upper
91 100
92 51.9 41.5 62.3
134 24.7 20.6 30.8





#85

1,2-Dichlorobenzene

Concen: 13.275 ug/l

RT: 12.203 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

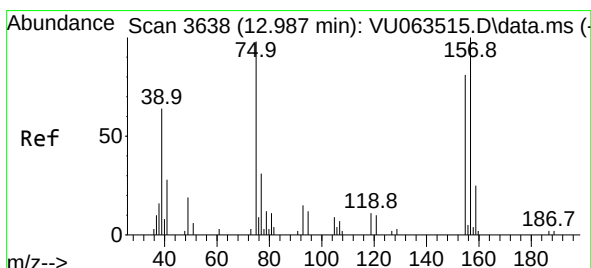
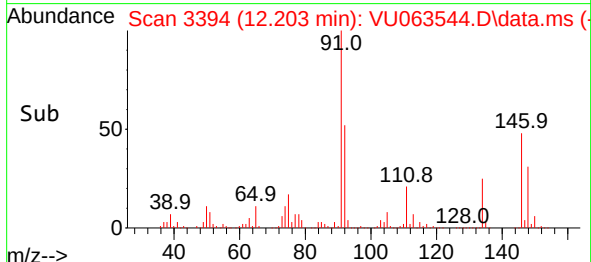
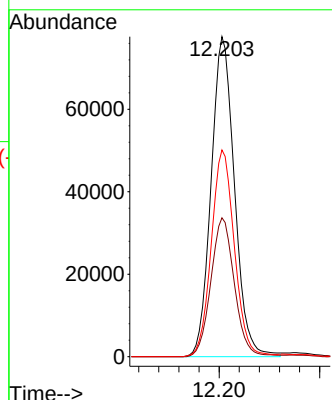
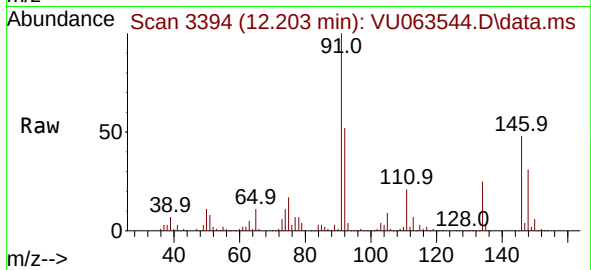
Tgt Ion:146 Resp: 125250

Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.7	65.1
148	63.9	31.8	95.3

Manual Integrations

APPROVED

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



#86

1,2-Dibromo-3-Chloropropane

Concen: 11.029 ug/l

RT: 12.987 min Scan# 3638

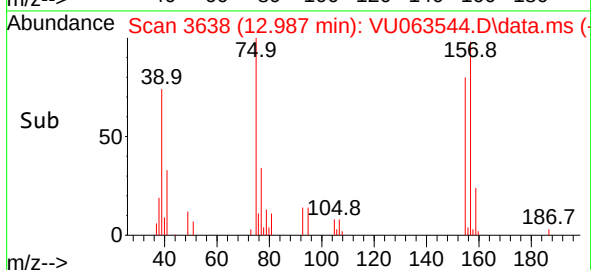
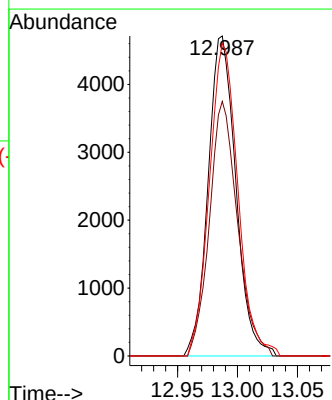
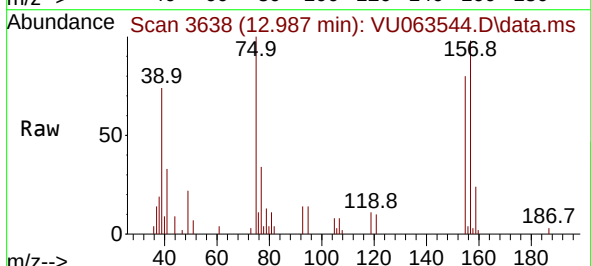
Delta R.T. 0.000 min

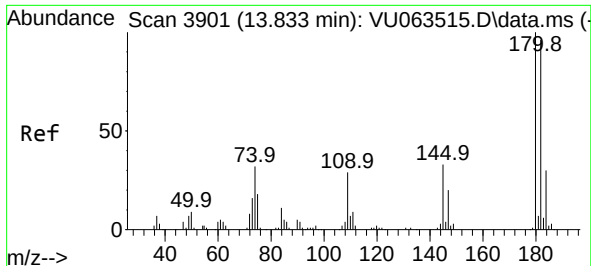
Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Tgt Ion: 75 Resp: 7568

Ion	Ratio	Lower	Upper
75	100		
155	80.7	65.8	98.6
157	100.4	81.4	122.2





#87

1,2,4-Trichlorobenzene

Concen: 12.640 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

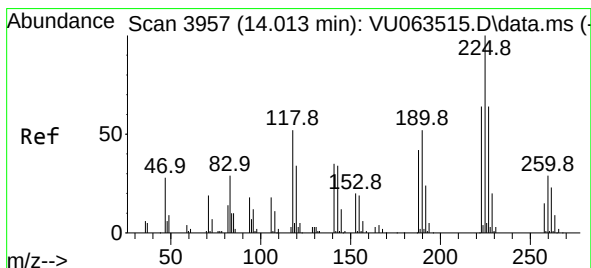
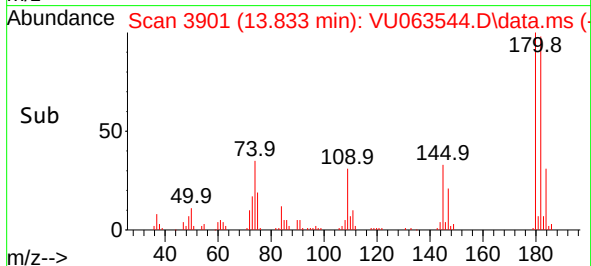
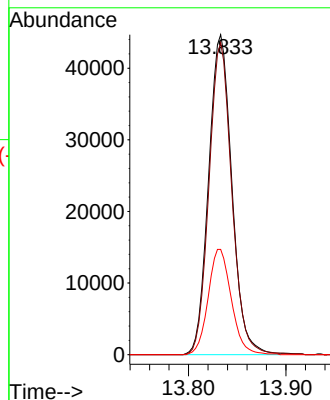
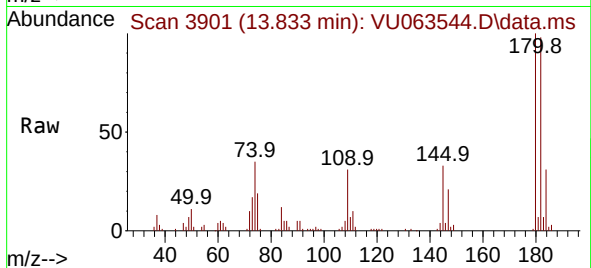
Tgt Ion:180	Resp:	74160
Ion Ratio	Lower	Upper
180	100	
182	95.7	76.2 114.4
145	32.8	26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2025

Supervised By :Mahesh Dadoda 07/21/2025



#88

Hexachlorobutadiene

Concen: 12.327 ug/l

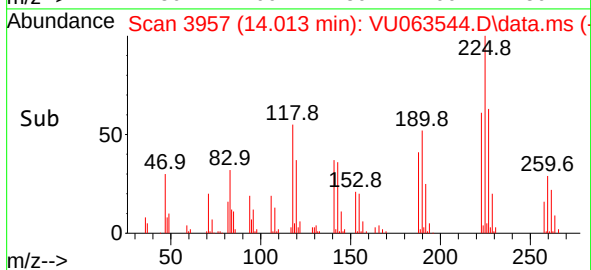
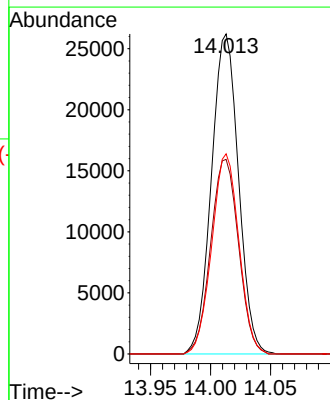
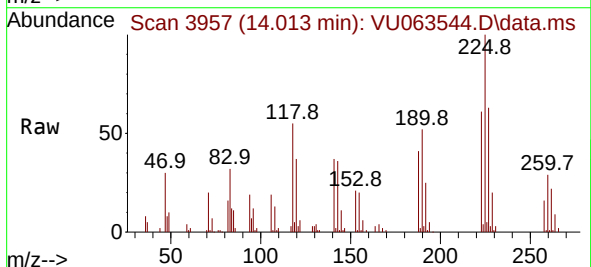
RT: 14.013 min Scan# 3957

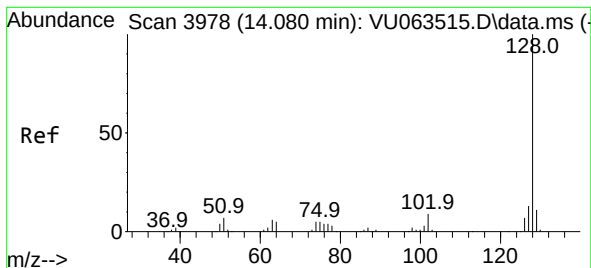
Delta R.T. 0.000 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Tgt Ion:225	Resp:	41074
Ion Ratio	Lower	Upper
225	100	
223	62.7	50.8 76.2
227	62.7	51.0 76.6





#89

Naphthalene

Concen: 12.586 ug/l

RT: 14.081 min Scan# 3978

Delta R.T. 0.001 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

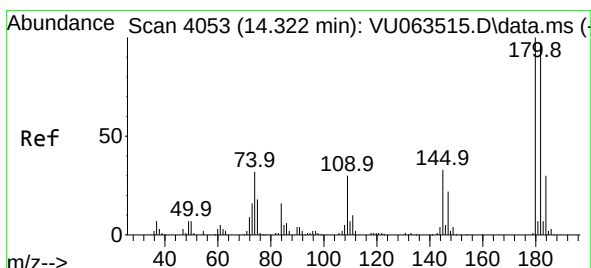
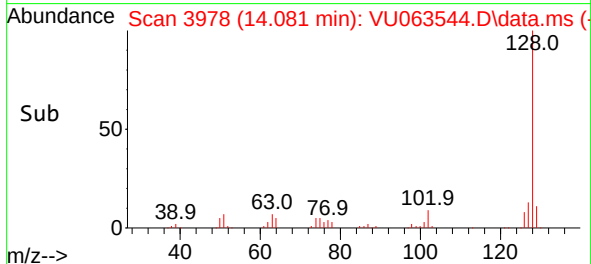
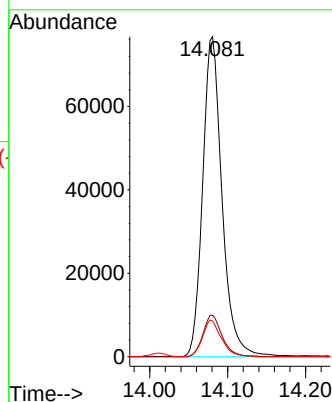
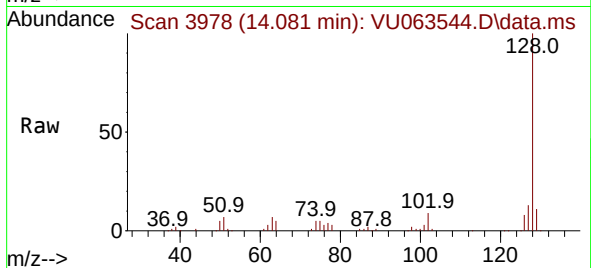
VSTDCCC010EC

Tgt Ion:128	Resp: 132330
Ion Ratio	Lower Upper
128 100	
127 12.8	10.2 15.4
129 11.1	8.8 13.2

Manual Integrations

APPROVED

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



#90

1,2,3-Trichlorobenzene

Concen: 12.802 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Tgt Ion:180	Resp: 69414
Ion Ratio	Lower Upper
180 100	
182 96.8	78.0 117.0
145 35.0	27.3 40.9

