

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062325\
 Data File : VU063420.D
 Acq On : 23 Jun 2025 10:03
 Operator : MD/SY
 Sample : VSTDICC0.5
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC0.5

Quant Time: Jun 24 04:38:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jun 24 03:53:51 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025

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

Internal Standards						
1) Fluorobenzene	6.103	96	53283	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	16064	0.821	ug/l	0.00
Spiked Amount 1.000			Recovery	=	82.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	16350	0.832	ug/l	0.00
Spiked Amount 1.000			Recovery	=	83.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	9532	0.466	ug/l	97
3) Chloromethane	1.518	50	13388	0.497	ug/l	97
4) Vinyl Chloride	1.599	62	10834	0.469	ug/l	96
5) Bromomethane	1.850	94	6105	0.552	ug/l	88
6) Chloroethane	1.927	64	6800	0.497	ug/l	96
7) Trichlorofluoromethane	2.129	101	12341	0.469	ug/l	92
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	6287	0.448	ug/l	96
9) 1,1-Dichloroethene	2.570	96	6906	0.494	ug/l	97
11) Allyl Chloride	2.911	41	11648	0.467	ug/l	90
12) Acrylonitrile	3.309	53	3432	0.849	ug/l	89
13) Acetone	2.621	43	10917	1.864	ug/l	96
14) Carbon Disulfide	2.779	76	24367	0.499	ug/l	97
15) Methylene Chloride	3.033	84	8402	0.474	ug/l	95
16) trans-1,2-Dichloroethene	3.338	96	7267	0.462	ug/l	99
17) 1,1-Dichloroethane	3.849	63	15379	0.465	ug/l	97
18) 2-Butanone	4.718	43	13536	2.399	ug/l	95
19) Cyclohexane	5.364	56	12162	0.486	ug/l	98
20) Methylcyclohexane	6.750	83	9727	0.421	ug/l	92
21) 2,2-Dichloropropane	4.647	77	12313	0.524	ug/l	95
22) cis-1,2-Dichloroethene	4.650	96	8202	0.477	ug/l	97
23) Diethyl Ether	2.370	59	5521	0.437	ug/l	93
25) Methyl tert-Butyl Ether	3.364	73	17035	0.448	ug/l	92
26) Bromochloromethane	4.962	128	3015	0.451	ug/l	97
27) Chloroform	5.071	83	14531	0.469	ug/l	91
28) 1,1,1-Trichloroethane	5.300	97	11308	0.450	ug/l	97
29) 1,1-Dichloropropene	5.509	75	10823	0.472	ug/l	95
30) Carbon Tetrachloride	5.509	117	9072	0.452	ug/l	100
31) Isopropyl Ether	3.994	45	24365	0.469	ug/l	99
32) Ethyl-t-butyl ether	4.505	59	20145m	0.461	ug/l	
33) Tert-Amyl methyl ether	5.943	73	14033	0.449	ug/l	99
34) Propionitrile	4.782	54	3607	2.210	ug/l #	95
35) Benzene	5.759	78	32166	0.463	ug/l	99
36) 1,2-Dichloroethane	5.785	62	9684	0.477	ug/l	99
37) Trichloroethene	6.534	130	7729	0.471	ug/l	90
38) 1,2-Dichloropropane	6.788	63	8540	0.445	ug/l	96
39) Methacrylonitrile	4.984	41	3304	0.487	ug/l #	81
40) Methyl acrylate	4.849	55	3966m	0.415	ug/l	
41) Tetrahydrofuran	5.062	42	3767	1.031	ug/l #	88
42) 1-Chlorobutane	5.444	56	16549m	0.508	ug/l	
43) Dibromomethane	6.914	93	4006	0.447	ug/l	94
44) Bromodichloromethane	7.100	83	10135	0.464	ug/l	99
45) 4-Methyl-2-Pentanone	7.804	43	18627	1.937	ug/l	91
46) t-1,4-Dichloro-2-butene	10.827	75	3322m	1.082	ug/l	

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Quant Time: Jun 24 04:38:35 2025
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jun 24 03:53:51 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

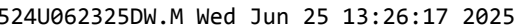
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025

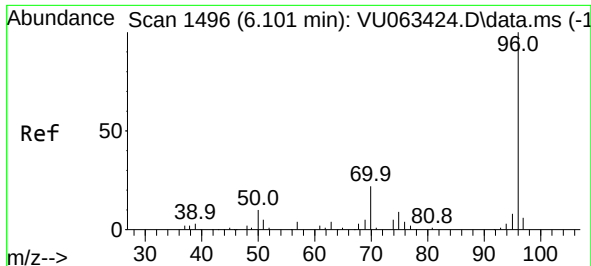
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.978	69	4513	1.418	ug/l #	92
48) Ethyl methacrylate	8.338	69	4290	0.619	ug/l	96
49) Toluene	7.965	92	14705	0.386	ug/l	96
50) t-1,3-Dichloropropene	8.209	75	5938	0.377	ug/l	93
51) cis-1,3-Dichloropropene	7.605	75	8686	0.411	ug/l	98
52) 1,1,2-Trichloroethane	8.399	97	5858	0.447	ug/l	92
53) 1,3-Dichloropropane	8.573	76	9532	0.423	ug/l	99
54) 2-Hexanone	8.698	43	11598	2.828	ug/l	85
55) Dibromochloromethane	8.801	129	5844	0.433	ug/l	98
56) 1,2-Dibromoethane	8.920	107	4502	0.424	ug/l	98
58) Tetrachloroethene	8.547	164	7362	0.457	ug/l	88
59) Chlorobenzene	9.444	112	17682	0.433	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.528	131	6394	0.435	ug/l	96
61) Pentachloroethane	11.418	117	5339	0.446	ug/l	100
62) Hexachloroethane	12.467	117	4766	0.443	ug/l	98
63) Ethyl Benzene	9.563	91	24226	0.370	ug/l	94
64) m/p-Xylenes	9.688	106	17368	1.327	ug/l	98
65) o-Xylene	10.094	106	8530	0.343	ug/l	92
66) Styrene	10.113	104	13899	0.681	ug/l	97
67) Bromoform	10.283	173	3049	0.413	ug/l #	94
69) Isopropylbenzene	10.476	105	20824	0.362	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	7533	0.450	ug/l	93
71) 1,2,3-Trichloropropane	10.817	75	5185m	0.372	ug/l	
72) Bromobenzene	10.782	156	6800	0.421	ug/l	98
73) n-propylbenzene	10.901	120	6677	0.673	ug/l	87
74) 2-Chlorotoluene	10.981	126	5744	0.360	ug/l	100
75) 1,3,5-Trimethylbenzene	11.081	105	18407	0.635	ug/l	98
76) 4-Chlorotoluene	11.094	126	5825	0.348	ug/l	97
77) tert-Butylbenzene	11.412	119	19530	0.369	ug/l	97
78) 1,2,4-Trimethylbenzene	11.463	105	18507	0.673	ug/l	99
79) sec-Butylbenzene	11.637	105	25558	0.341	ug/l	98
80) Nitrobenzene	13.235	77	1117	2.748	ug/l #	75
81) p-Isopropyltoluene	11.785	119	19267	0.669	ug/l	97
82) 1,3-Dichlorobenzene	11.743	146	13634	0.407	ug/l	96
83) 1,4-Dichlorobenzene	11.836	146	13249m	0.382	ug/l	
84) n-Butylbenzene	12.206	91	21251	0.346	ug/l	95
85) 1,2-Dichlorobenzene	12.209	146	12791	0.399	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	900	0.391	ug/l #	85
87) 1,2,4-Trichlorobenzene	13.839	180	6988	0.391	ug/l	98
88) Hexachlorobutadiene	14.013	225	5542	0.438	ug/l	100
90) 1,2,3-Trichlorobenzene	14.328	180	6460	0.364	ug/l	99

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

Manual Integrations

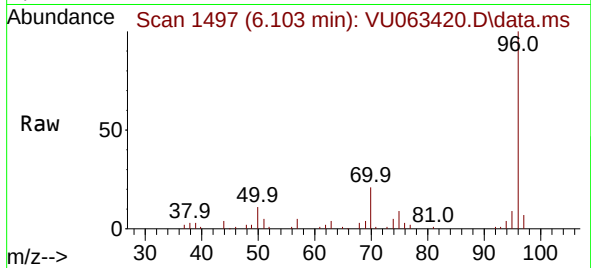
Quant Time: Jun 24 04:38:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jun 24 03:53:51 2025
Response via : Initial Calibration





#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 1496
Delta R.T. 0.002 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

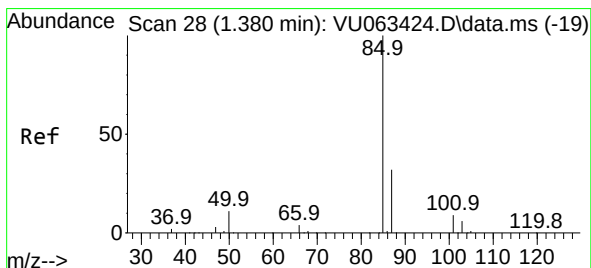
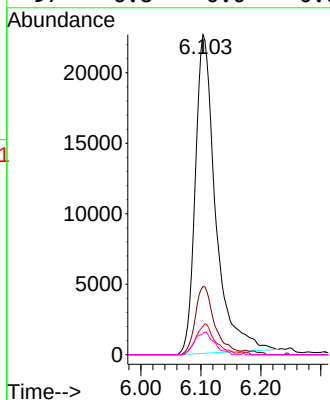
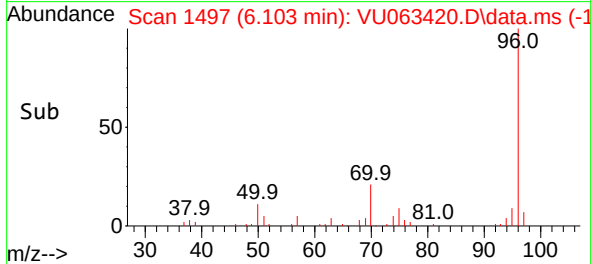
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 96 Resp: 5328
Ion Ratio Lower Upper
96 100
70 19.0 16.4 24.6
95 8.4 6.2 9.2
97 6.8 0.0 0.0#

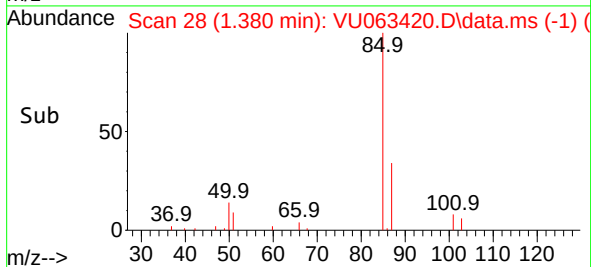
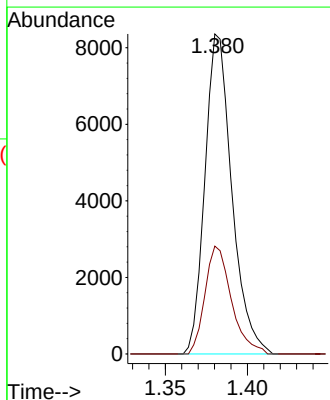
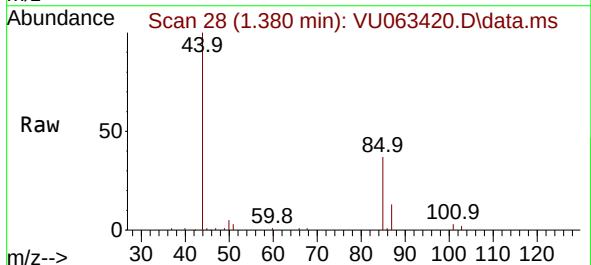
Manual Integrations
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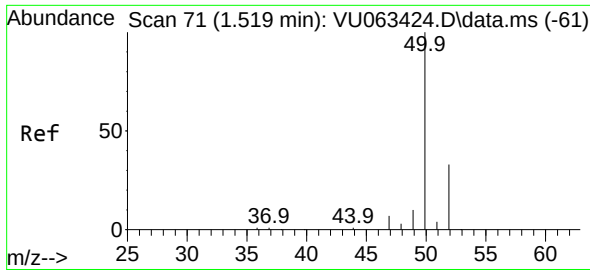
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#2
Dichlorodifluoromethane
Concen: 0.466 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

Tgt Ion: 85 Resp: 9532
Ion Ratio Lower Upper
85 100
87 33.7 16.2 48.5





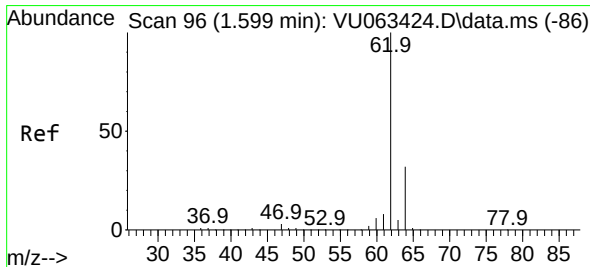
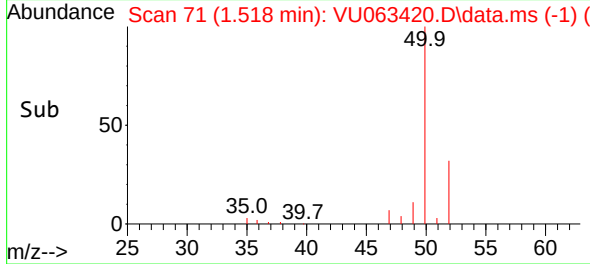
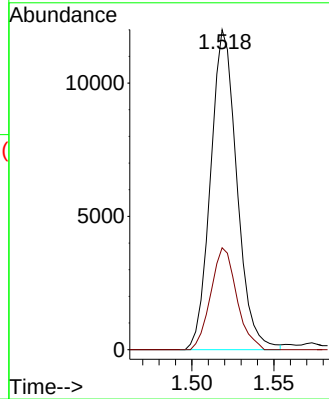
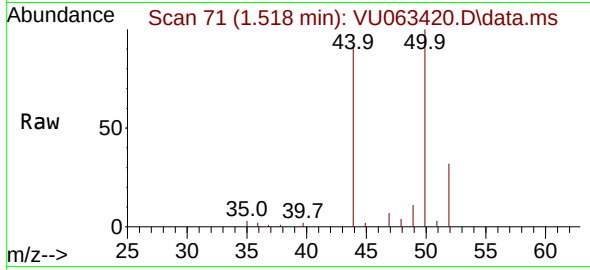
#3
Chloromethane
Concen: 0.497 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 50 Resp: 1338
Ion Ratio Lower Upper
50 100
52 31.9 26.6 40.0

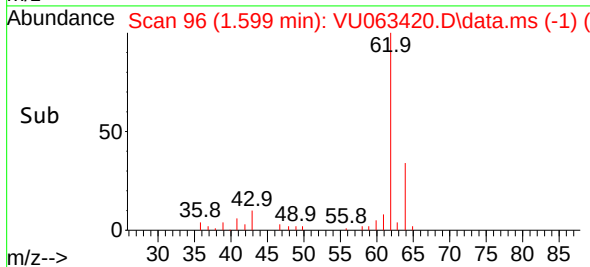
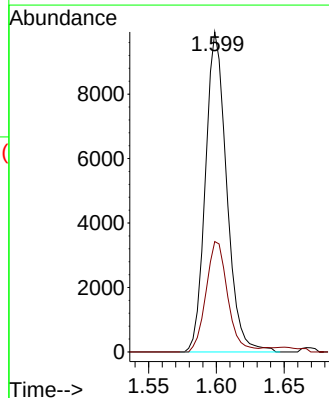
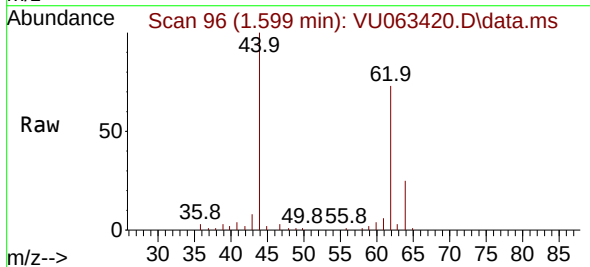
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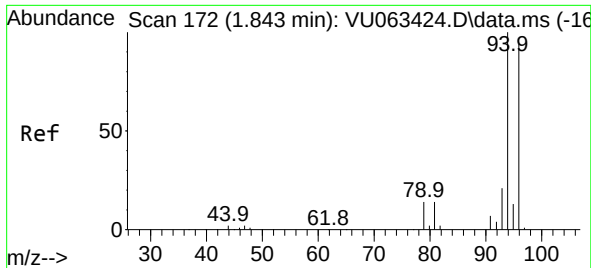
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#4
Vinyl Chloride
Concen: 0.469 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

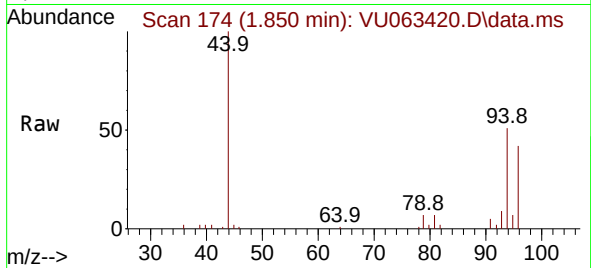
Tgt Ion: 62 Resp: 10834
Ion Ratio Lower Upper
62 100
64 34.5 25.7 38.5





#5
Bromomethane
Concen: 0.552 ug/l
RT: 1.850 min Scan# 172
Delta R.T. 0.006 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

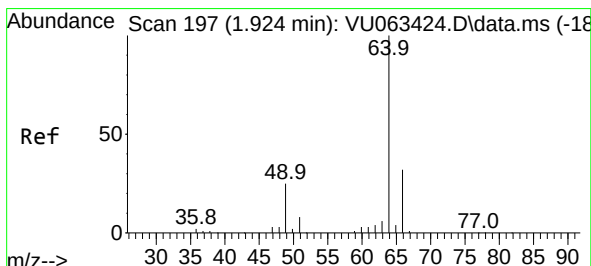
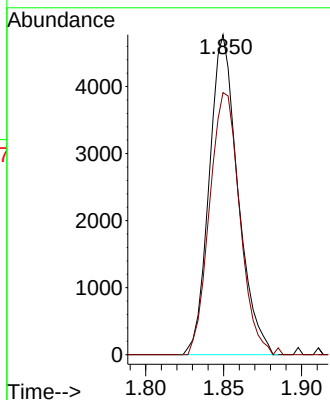
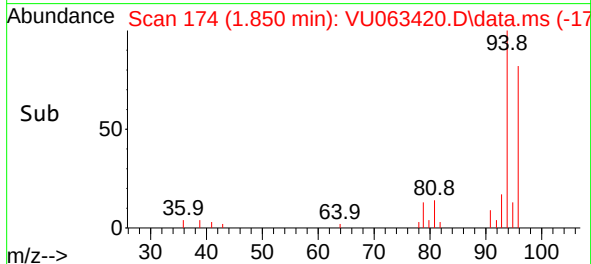
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 94 Resp: 610
Ion Ratio Lower Upper
94 100
96 81.9 74.8 112.2

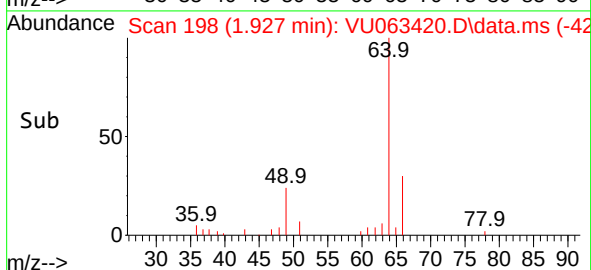
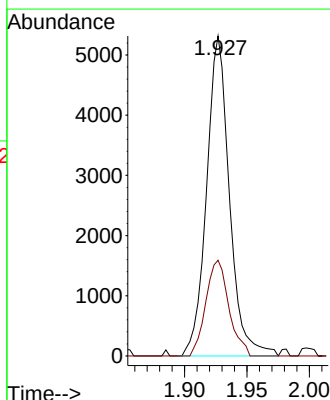
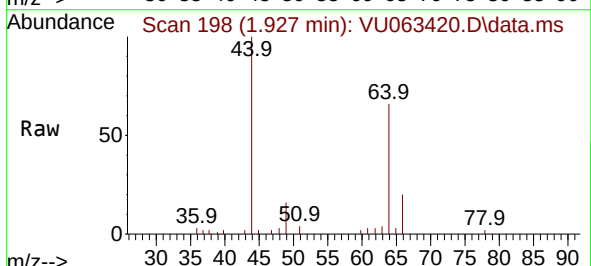
Manual Integrations
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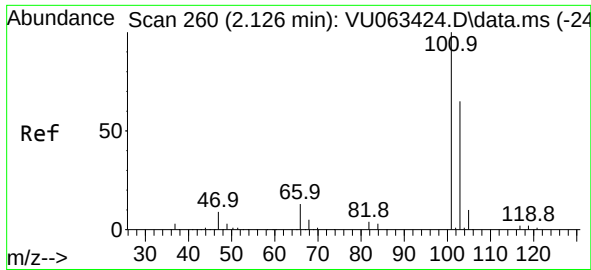
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#6
Chloroethane
Concen: 0.497 ug/l
RT: 1.927 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

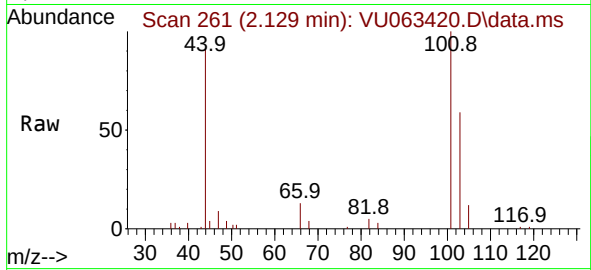
Tgt Ion: 64 Resp: 6800
Ion Ratio Lower Upper
64 100
66 29.9 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 0.469 ug/l
 RT: 2.129 min Scan# 210
 Delta R.T. 0.003 min
 Lab File: VU063420.D
 Acq: 23 Jun 2025 10:03

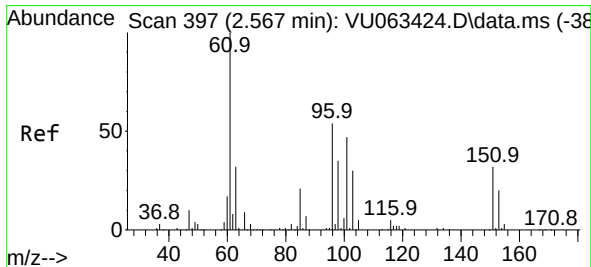
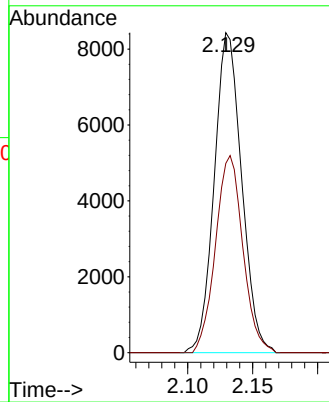
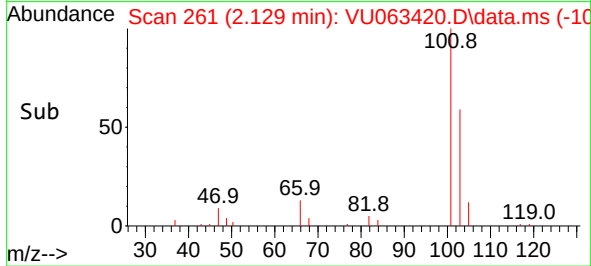
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



Tgt Ion:101 Resp: 1234
 Ion Ratio Lower Upper
 101 100
 103 59.1 52.3 78.5

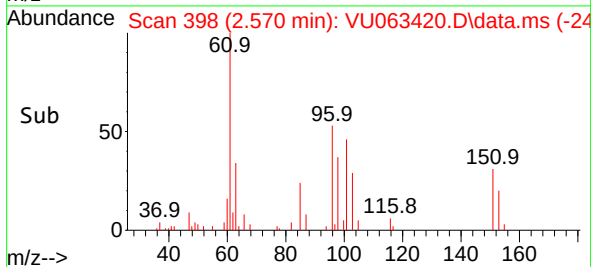
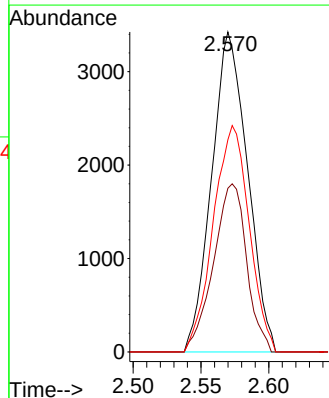
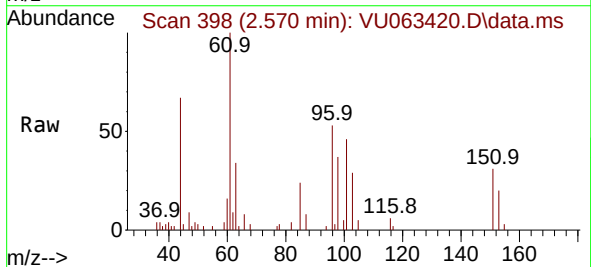
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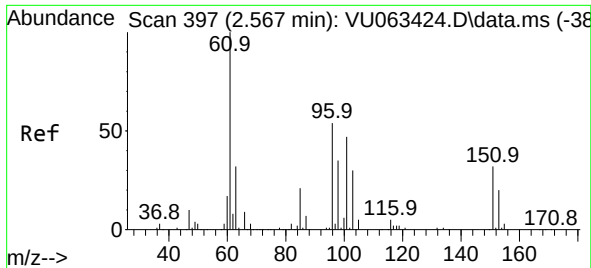
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.448 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. 0.003 min
 Lab File: VU063420.D
 Acq: 23 Jun 2025 10:03

Tgt Ion:101 Resp: 6287
 Ion Ratio Lower Upper
 101 100
 85 48.7 36.7 55.1
 151 71.1 53.9 80.9





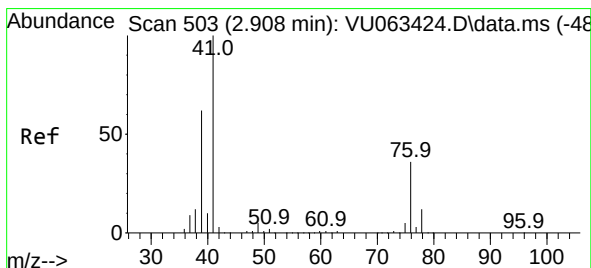
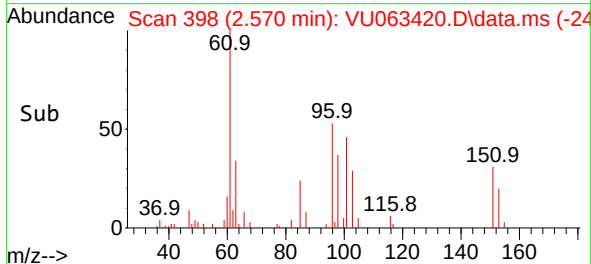
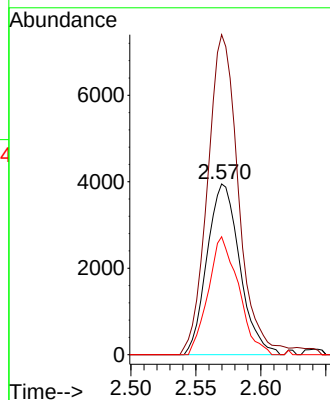
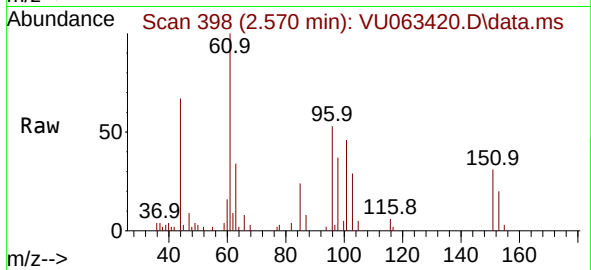
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1,1-Dichloroethene
Concen: 0.494 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 96 Resp: 6900
Ion Ratio Lower Upper
96 100
61 187.5 0.0 552.0
98 69.1 0.0 128.4

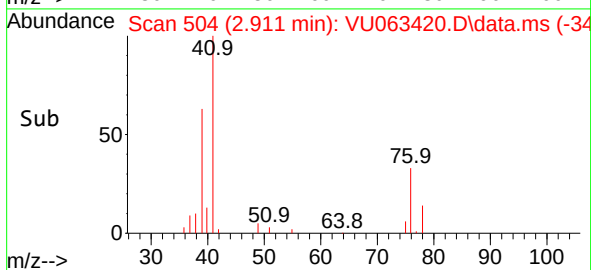
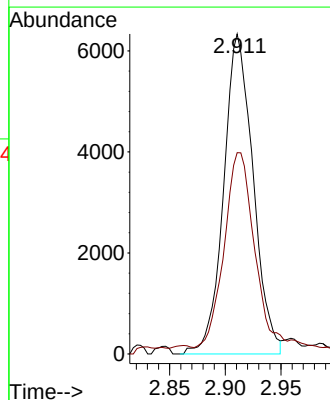
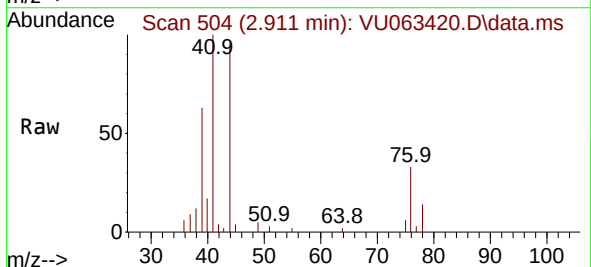
Manual Integrations
APPROVED

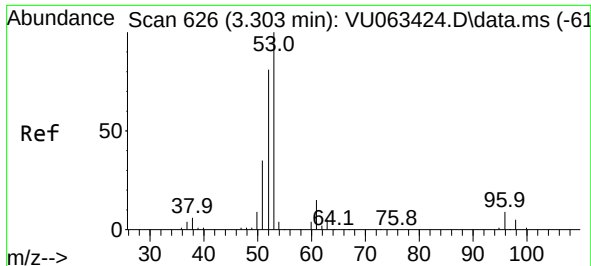
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#11
Allyl Chloride
Concen: 0.467 ug/l
RT: 2.911 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

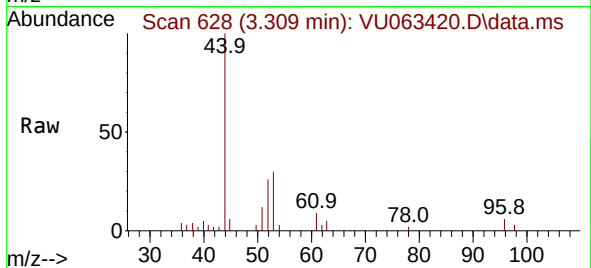
Tgt Ion: 41 Resp: 11648
Ion Ratio Lower Upper
41 100
39 71.0 50.3 75.5





#12
Acrylonitrile
Concen: 0.849 ug/l
RT: 3.309 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

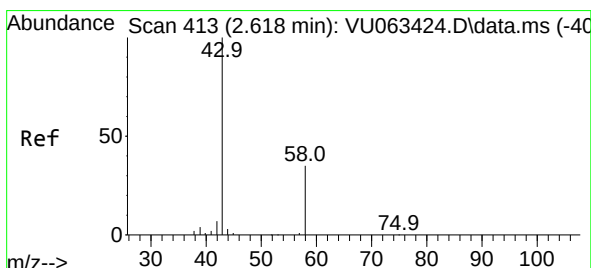
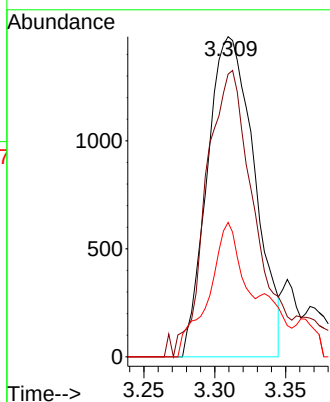
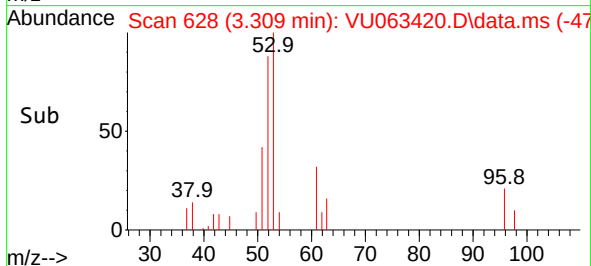
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 53 Resp: 343
Ion Ratio Lower Upper
53 100
52 91.9 62.8 94.2
51 31.7 26.2 39.4

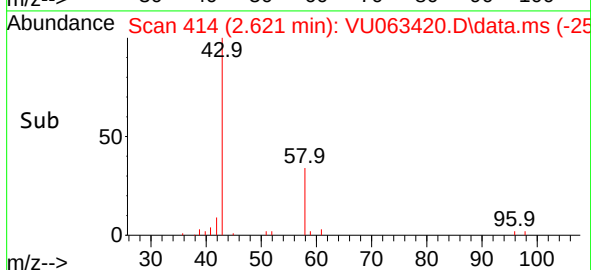
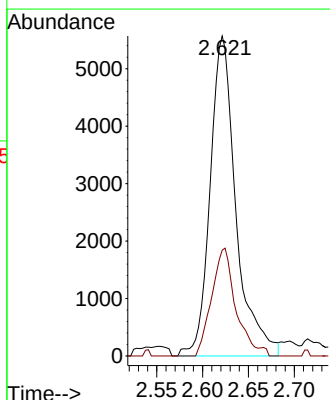
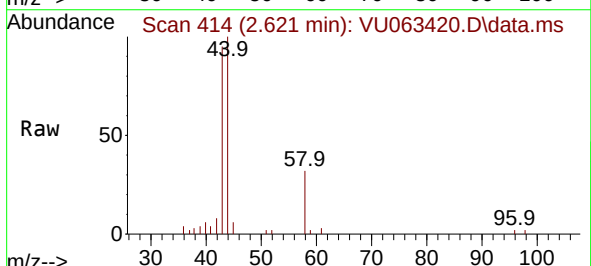
Manual Integrations
APPROVED

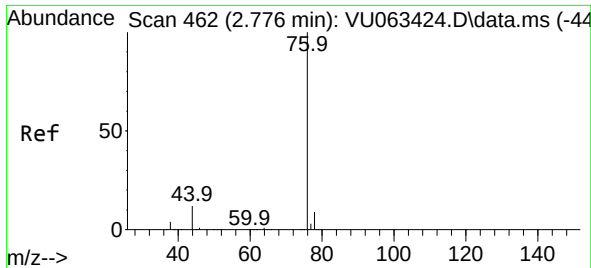
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#13
Acetone
Concen: 1.864 ug/l
RT: 2.621 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

Tgt Ion: 43 Resp: 10917
Ion Ratio Lower Upper
43 100
58 33.1 28.3 42.5





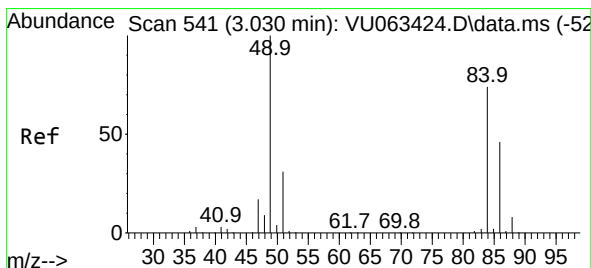
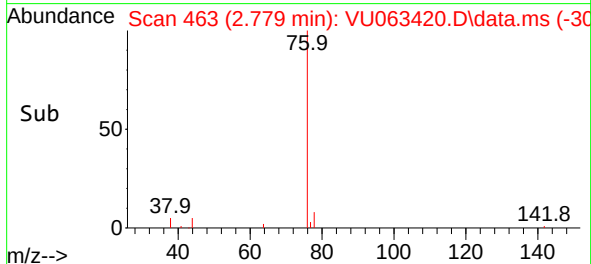
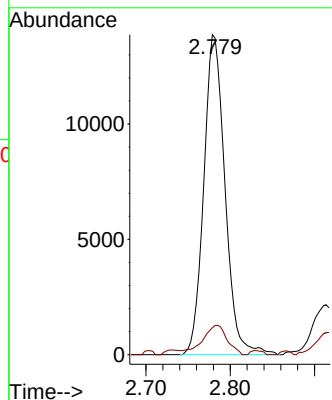
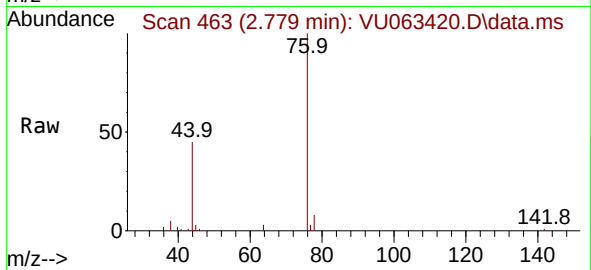
#14
Carbon Disulfide
Concen: 0.499 ug/l
RT: 2.779 min Scan# 462
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 76 Resp: 2436
Ion Ratio Lower Upper
76 100
78 7.7 6.9 10.3

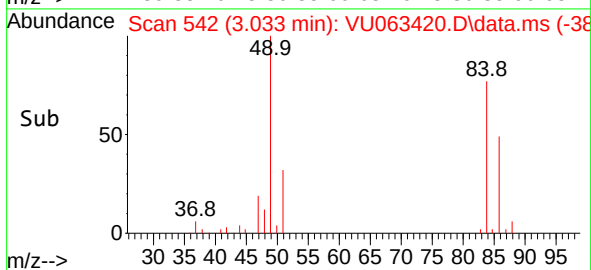
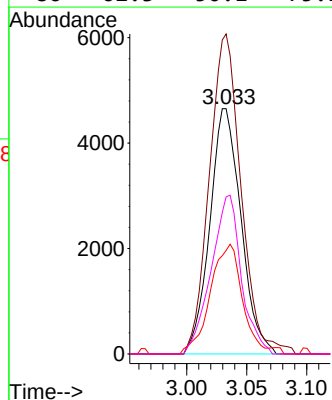
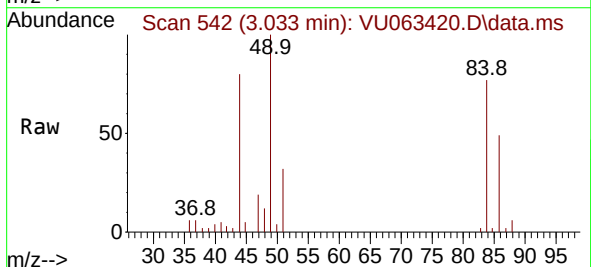
Manual Integrations
APPROVED

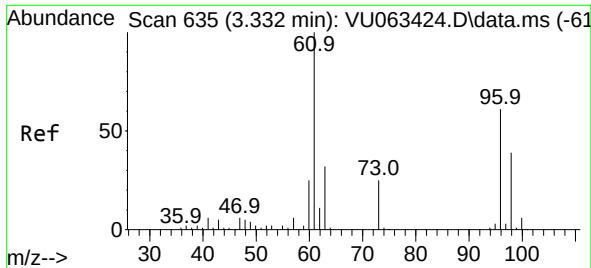
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#15
Methylene Chloride
Concen: 0.474 ug/l
RT: 3.033 min Scan# 542
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

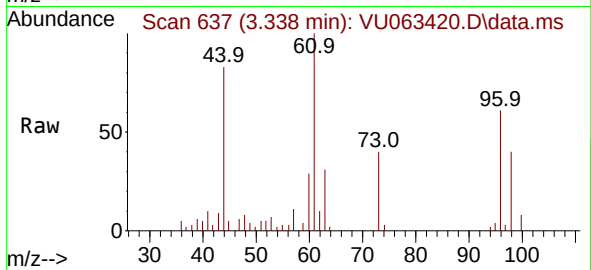
Tgt Ion: 84 Resp: 8402
Ion Ratio Lower Upper
84 100
49 126.9 108.7 163.1
51 41.1 0.0 83.8
86 62.3 50.1 75.1





#16
trans-1,2-Dichloroethene
Concen: 0.462 ug/l
RT: 3.338 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

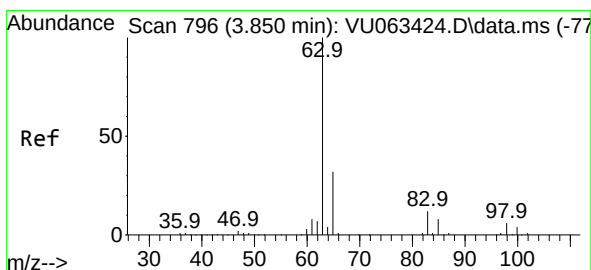
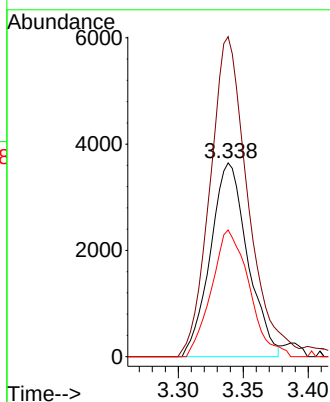
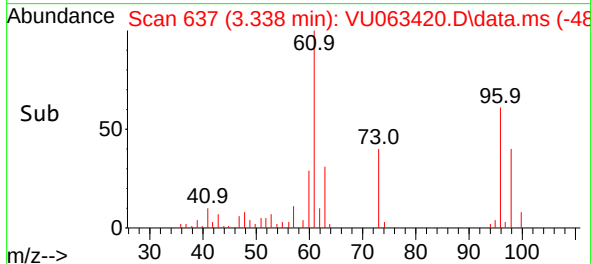
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



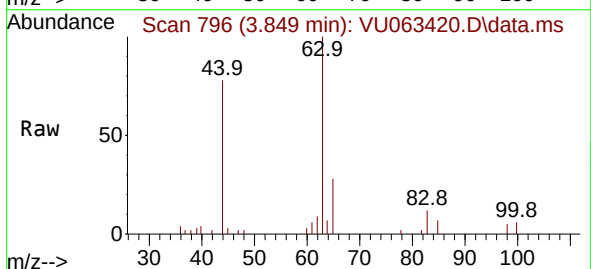
Tgt Ion: 96 Resp: 726
Ion Ratio Lower Upper
96 100
61 165.1 132.1 198.1
98 65.4 51.0 76.4

Manual Integrations
APPROVED

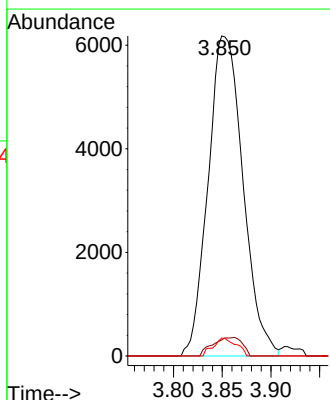
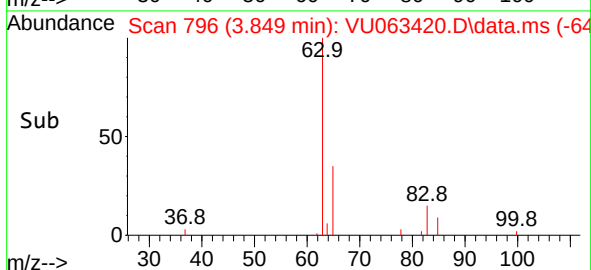
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

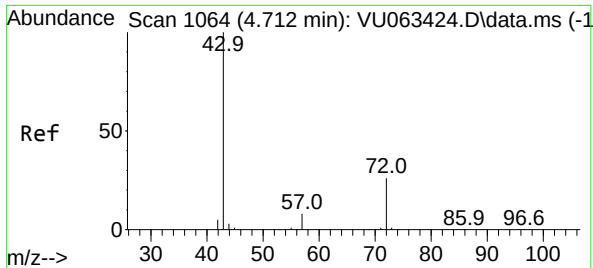


#17
1,1-Dichloroethane
Concen: 0.465 ug/l
RT: 3.849 min Scan# 796
Delta R.T. -0.000 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03



Tgt Ion: 63 Resp: 15379
Ion Ratio Lower Upper
63 100
98 5.0 2.8 8.4
100 5.6 1.9 5.7





#18

2-Butanone

Concen: 2.399 ug/l

RT: 4.718 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VU063420.D

Acq: 23 Jun 2025 10:03

Instrument :

MSVOA_U

ClientSampleId :

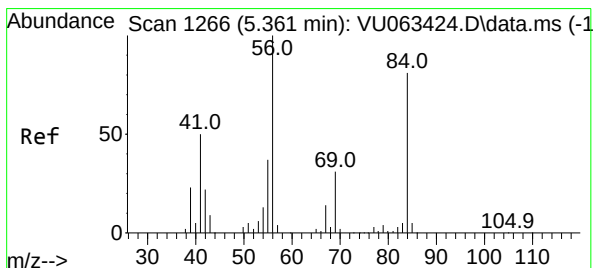
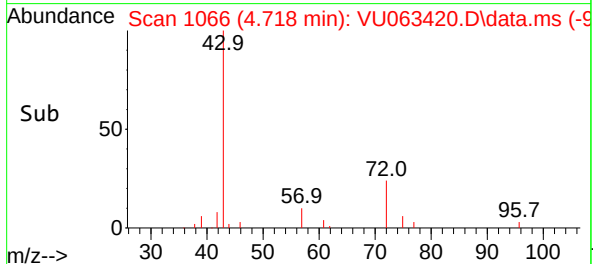
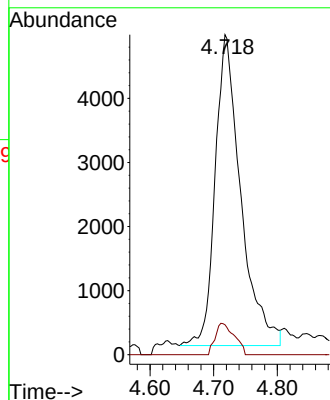
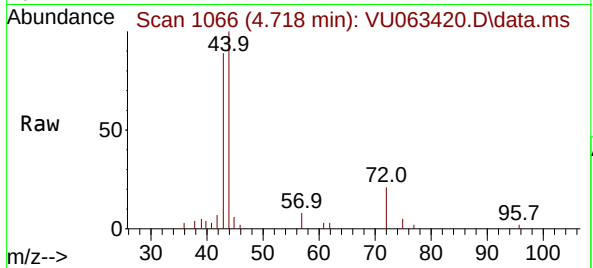
VSTDICC0.5

Tgt Ion: 43 Resp: 13530
 Ion Ratio Lower Upper
 43 100
 57 9.6 0.0 16.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#19

Cyclohexane

Concen: 0.486 ug/l

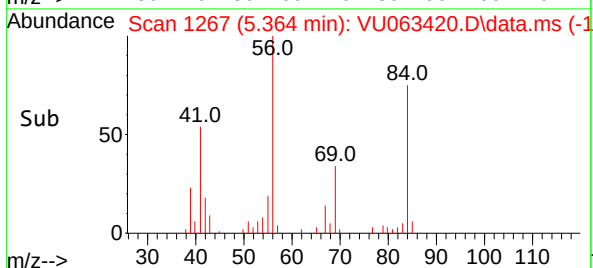
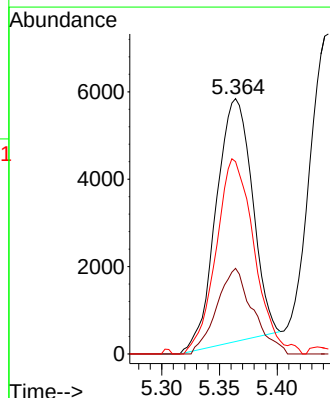
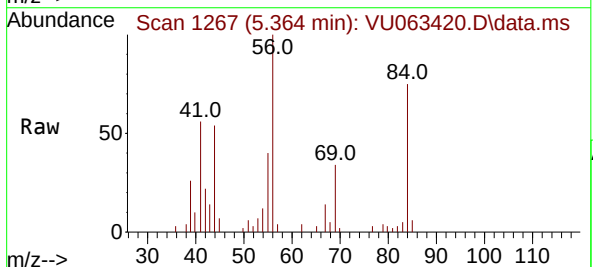
RT: 5.364 min Scan# 1267

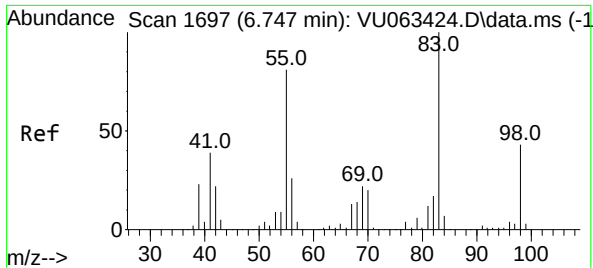
Delta R.T. 0.003 min

Lab File: VU063420.D

Acq: 23 Jun 2025 10:03

Tgt Ion: 56 Resp: 12162
 Ion Ratio Lower Upper
 56 100
 69 35.0 26.4 39.6
 84 84.9 68.6 102.8





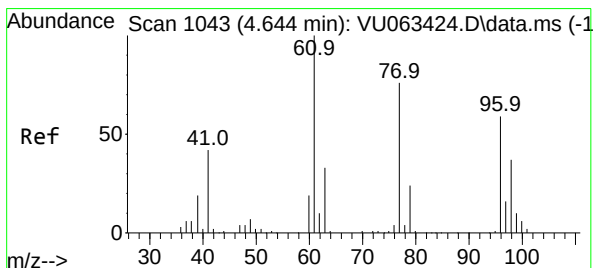
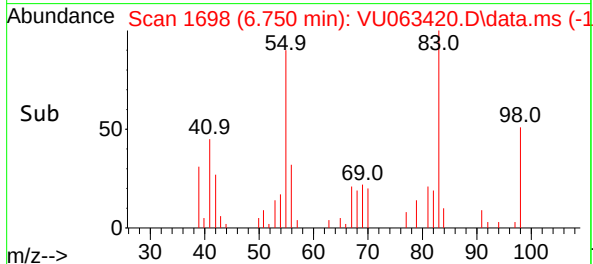
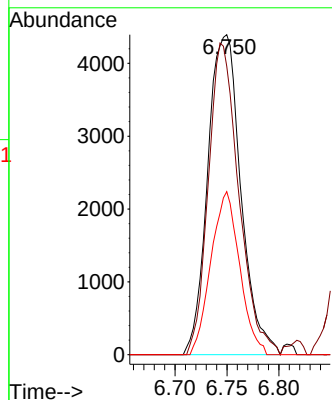
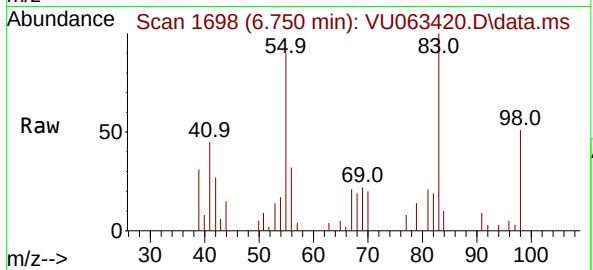
#20
Methylcyclohexane
Concen: 0.421 ug/l
RT: 6.750 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 972
Ion Ratio Lower Upper
83 100
55 89.5 63.5 95.3
98 44.3 34.2 51.4

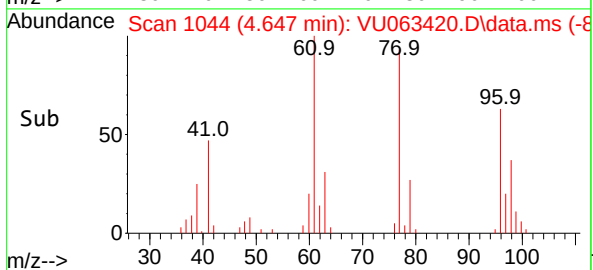
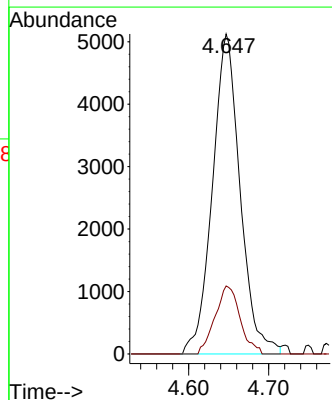
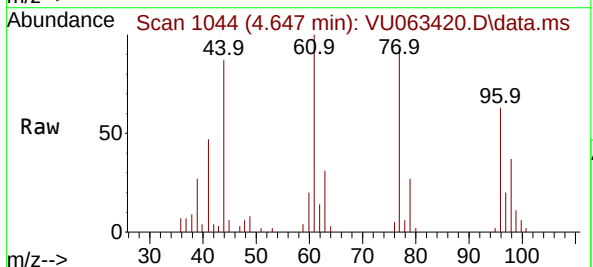
Manual Integrations
APPROVED

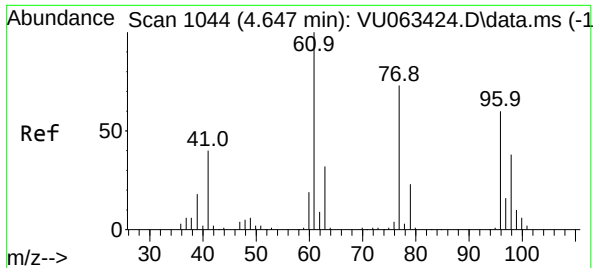
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#21
2,2-Dichloropropane
Concen: 0.524 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

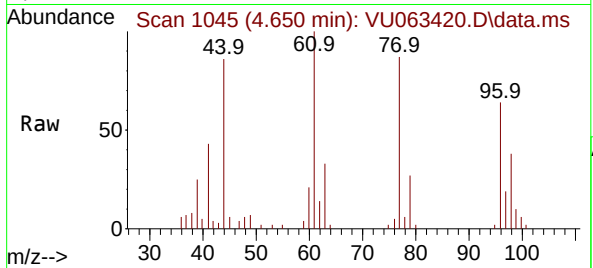
Tgt Ion: 77 Resp: 12313
Ion Ratio Lower Upper
77 100
97 19.2 17.2 25.8





#22
cis-1,2-Dichloroethene
Concen: 0.477 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

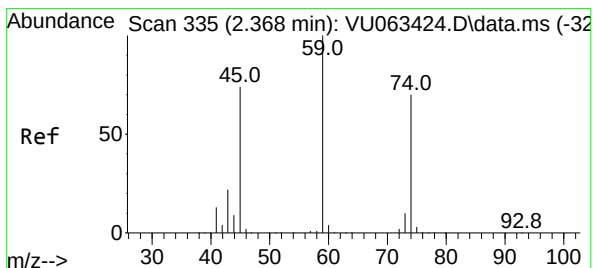
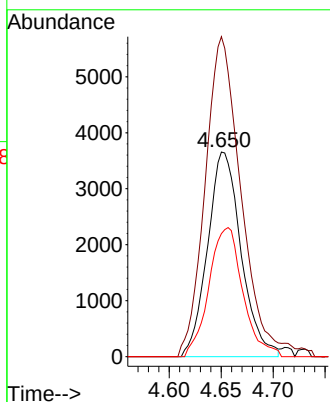
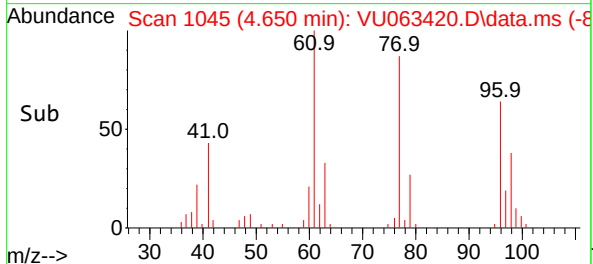
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 96 Resp: 820
Ion Ratio Lower Upper
96 100
61 168.5 0.0 434.3
98 63.8 31.9 95.7

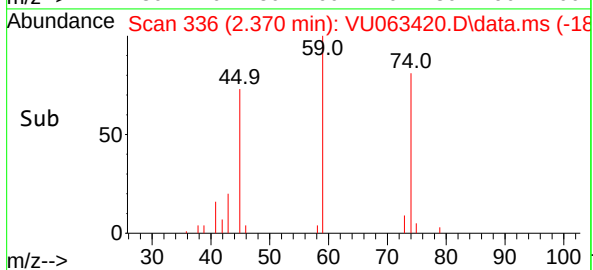
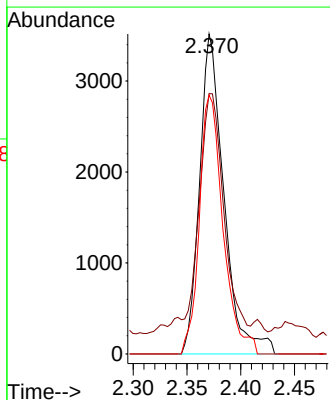
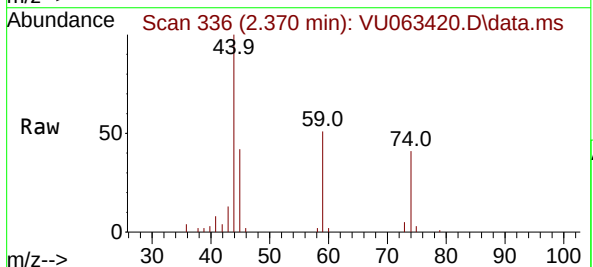
Manual Integrations
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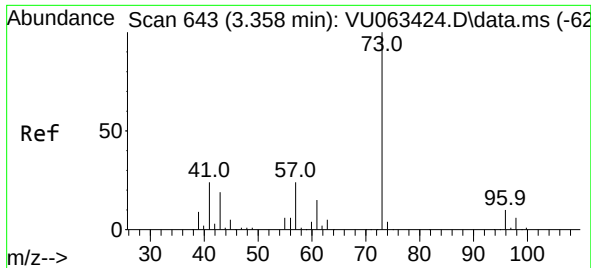
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#23
Diethyl Ether
Concen: 0.437 ug/l
RT: 2.370 min Scan# 336
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

Tgt Ion: 59 Resp: 5521
Ion Ratio Lower Upper
59 100
45 78.3 60.7 91.1
74 78.7 55.8 83.6





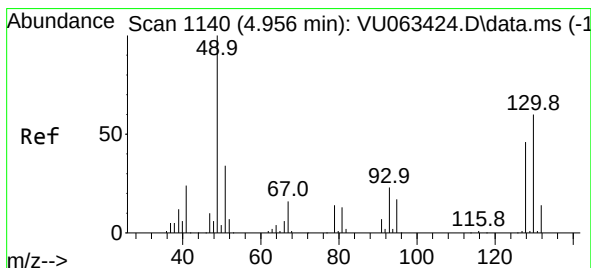
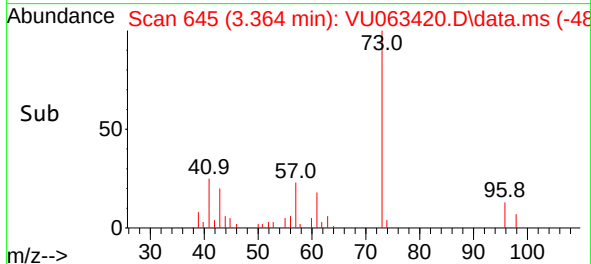
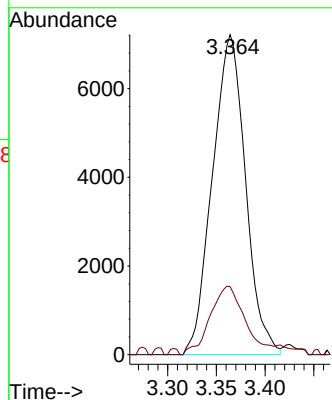
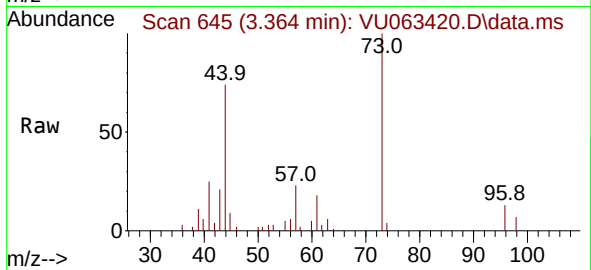
#25
Methyl tert-Butyl Ether
Concen: 0.448 ug/l
RT: 3.364 min Scan# 643
Delta R.T. 0.006 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 73 Resp: 17035
Ion Ratio Lower Upper
73 100
43 22.5 15.1 22.7

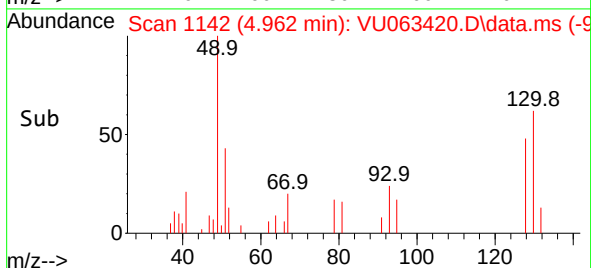
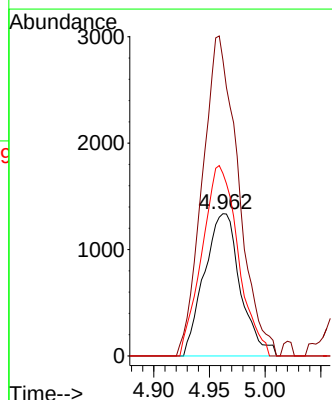
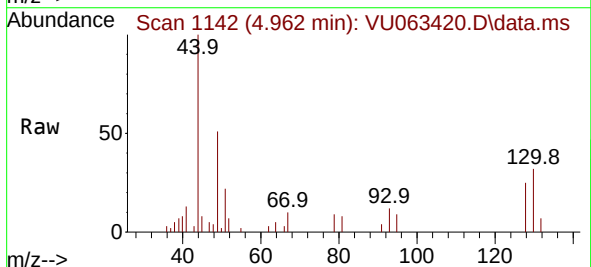
Manual Integrations
APPROVED

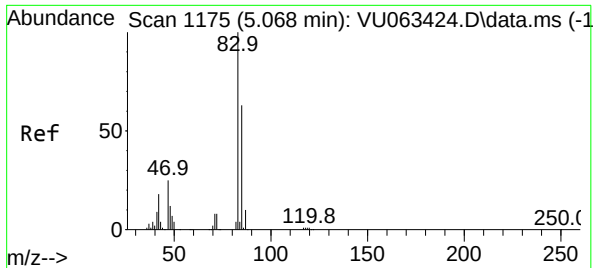
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#26
Bromochloromethane
Concen: 0.451 ug/l
RT: 4.962 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

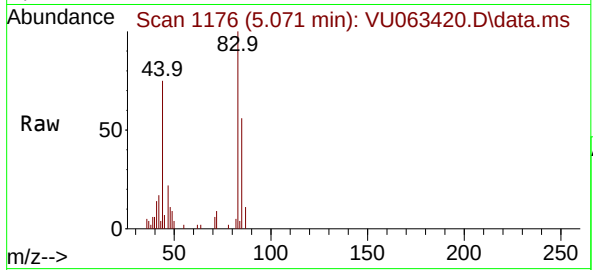
Tgt Ion:128 Resp: 3015
Ion Ratio Lower Upper
128 100
49 223.8 0.0 441.2
130 133.7 102.3 153.5





#27
Chloroform
Concen: 0.469 ug/l
RT: 5.071 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

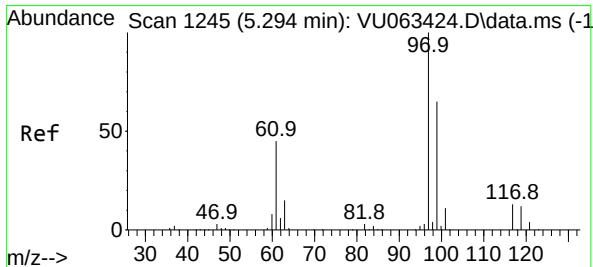
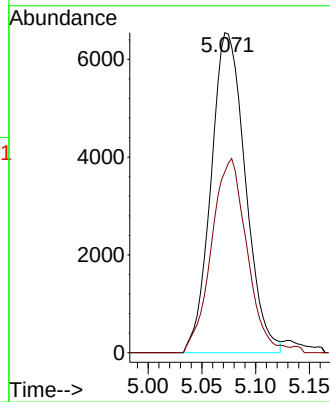
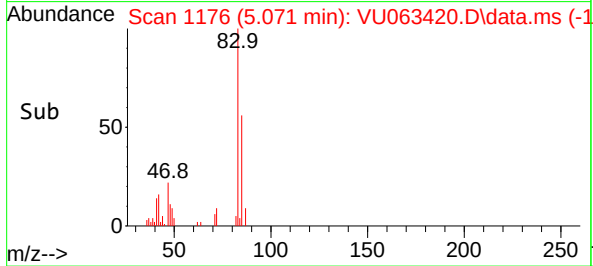
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



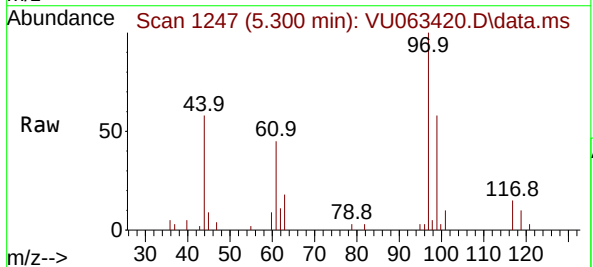
Tgt Ion: 83 Resp: 1453
Ion Ratio Lower Upper
83 100
85 56.5 0.0 126.8

Manual Integrations
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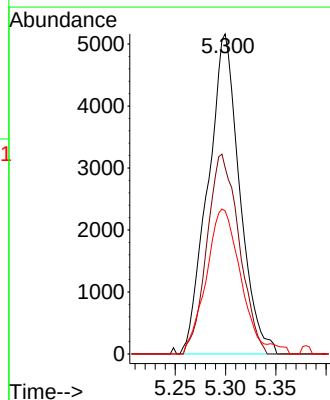
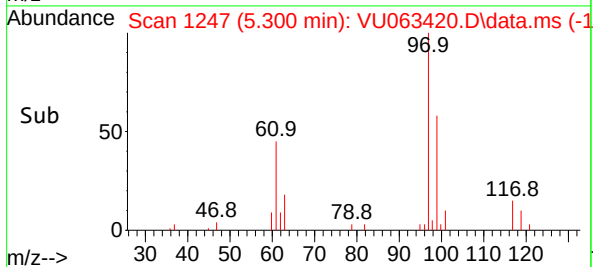
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

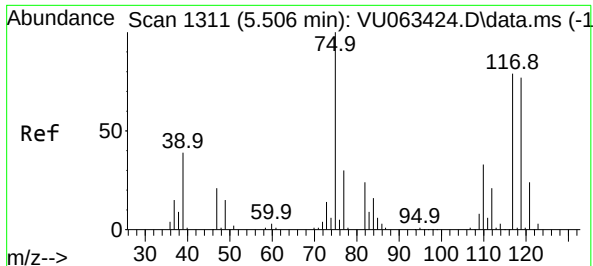


#28
1,1,1-Trichloroethane
Concen: 0.450 ug/l
RT: 5.300 min Scan# 1247
Delta R.T. 0.006 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03



Tgt Ion: 97 Resp: 11308
Ion Ratio Lower Upper
97 100
99 63.5 31.9 95.5
61 49.9 22.9 68.7





#29
1,1-Dichloropropene
Concen: 0.472 ug/l
RT: 5.509 min Scan# 1312
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

Instrument :

MSVOA_U

ClientSampleId :

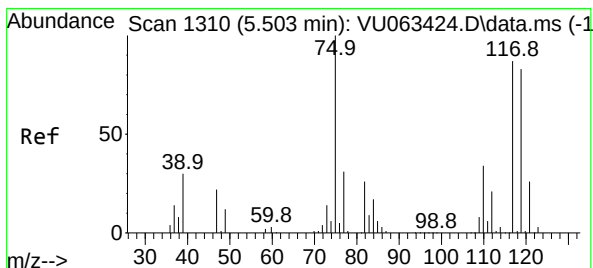
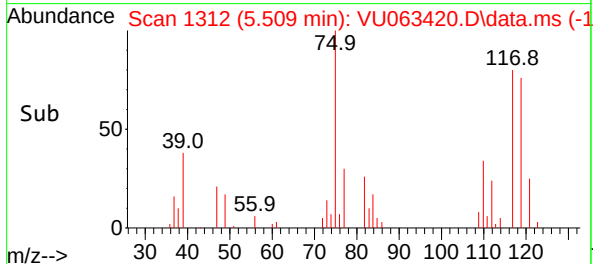
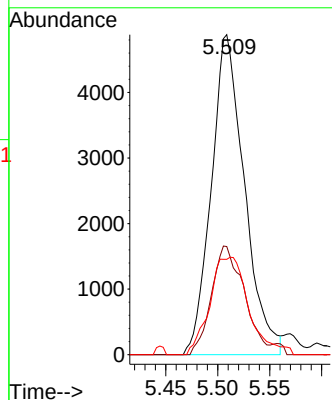
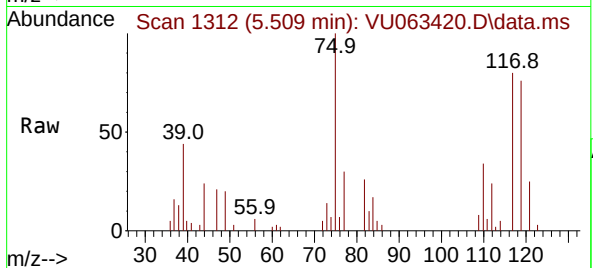
VSTDICC0.5

Tgt Ion: 75 Resp: 1082
Ion Ratio Lower Upper
75 100
110 33.6 17.4 52.2
77 35.7 25.4 38.0

Manual Integrations

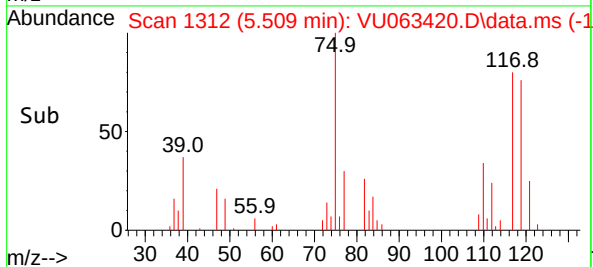
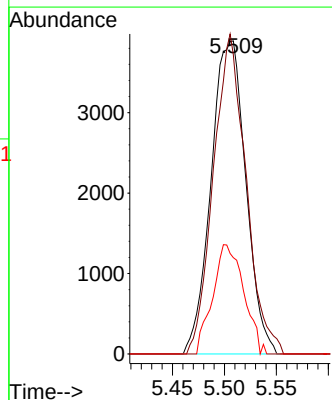
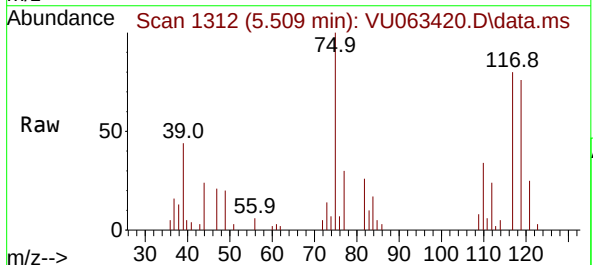
APPROVED

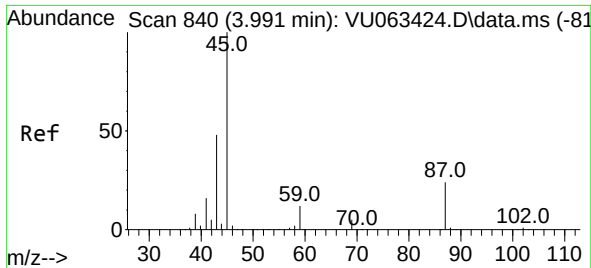
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#30
Carbon Tetrachloride
Concen: 0.452 ug/l
RT: 5.509 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

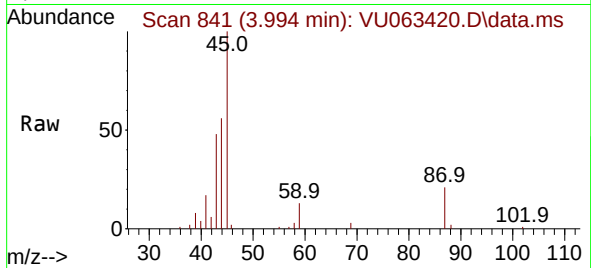
Tgt Ion:117 Resp: 9072
Ion Ratio Lower Upper
117 100
119 95.6 76.7 115.1
121 30.8 24.3 36.5





#31
Isopropyl Ether
Concen: 0.469 ug/l
RT: 3.994 min Scan# 840
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

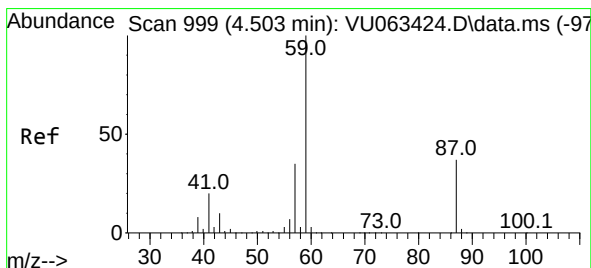
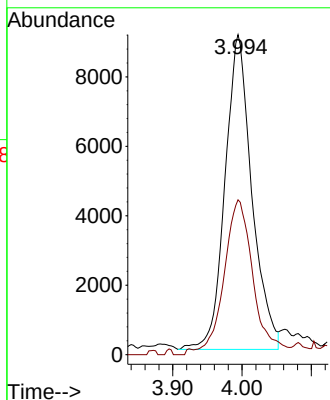
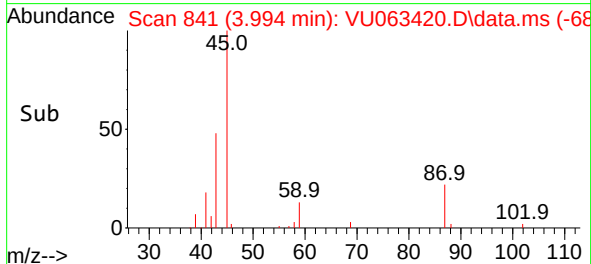
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



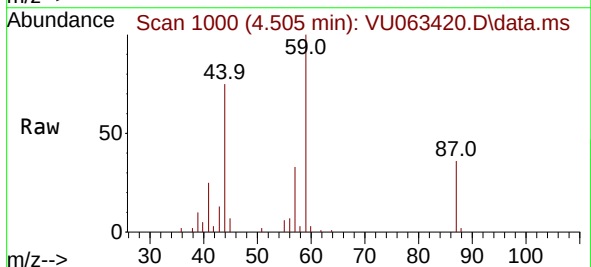
Tgt Ion: 45 Resp: 2436
Ion Ratio Lower Upper
45 100
43 48.1 23.8 71.5

Manual Integrations
APPROVED

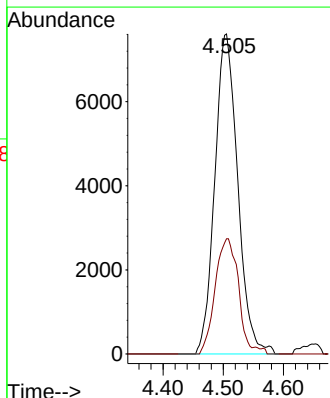
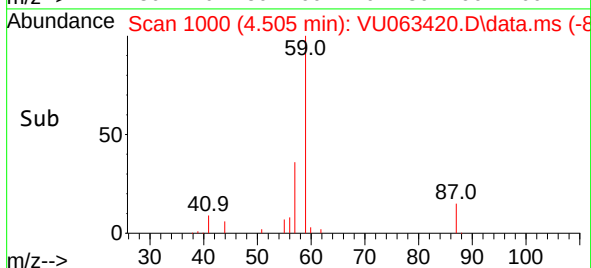
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

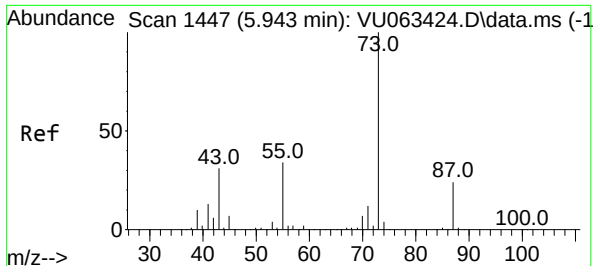


#32
Ethyl-t-butyl ether
Concen: 0.461 ug/l m
RT: 4.505 min Scan# 1000
Delta R.T. 0.002 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03



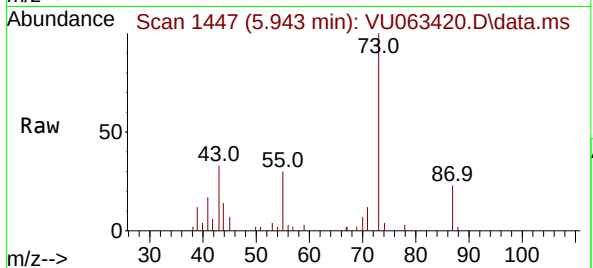
Tgt Ion: 59 Resp: 20145
Ion Ratio Lower Upper
59 100
87 36.8 29.9 44.9





#33
Tert-Amyl methyl ether
Concen: 0.449 ug/l
RT: 5.943 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

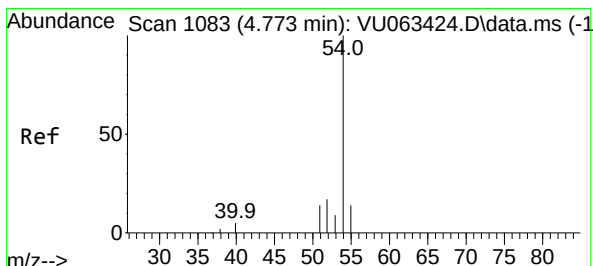
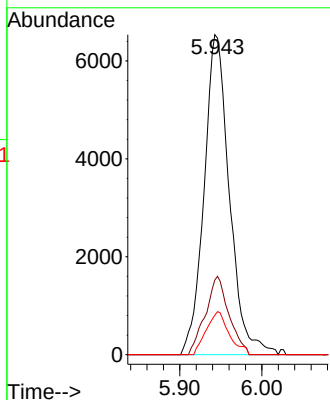
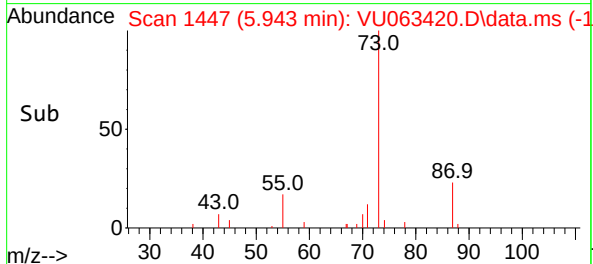
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 73 Resp: 1403
Ion Ratio Lower Upper
73 100
87 22.7 18.1 27.1
71 12.1 10.0 15.0

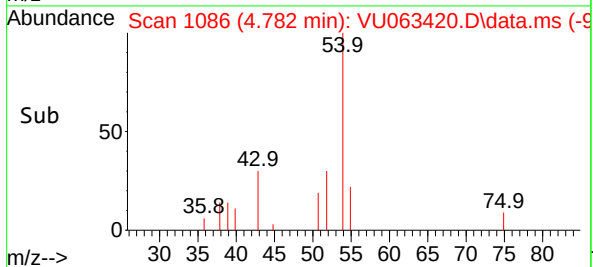
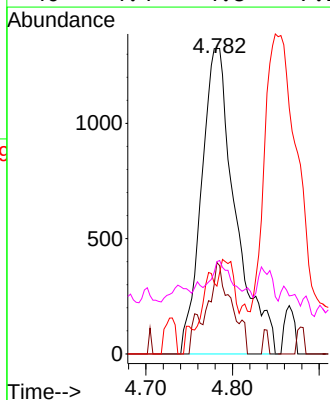
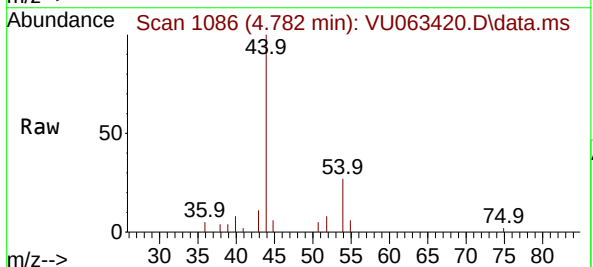
Manual Integrations
APPROVED

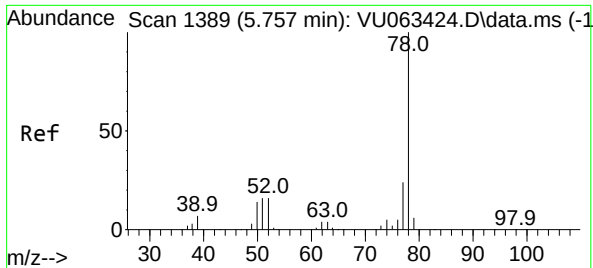
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#34
Propionitrile
Concen: 2.210 ug/l
RT: 4.782 min Scan# 1086
Delta R.T. 0.009 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

Tgt Ion: 54 Resp: 3607
Ion Ratio Lower Upper
54 100
52 18.8 14.8 22.2
55 10.8 12.2 18.2#
40 4.4 4.8 7.2#





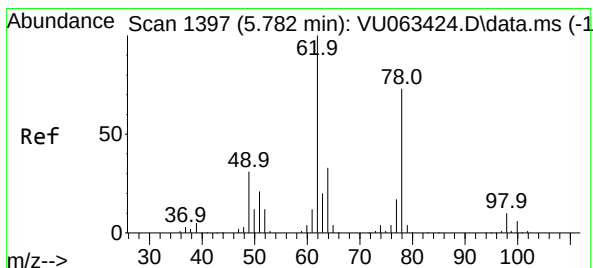
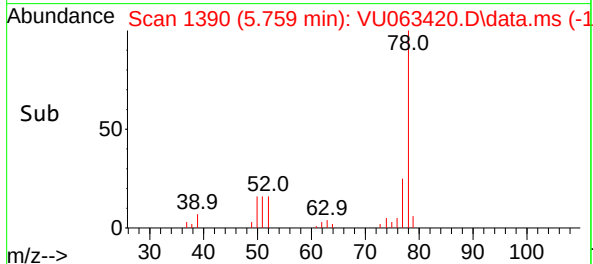
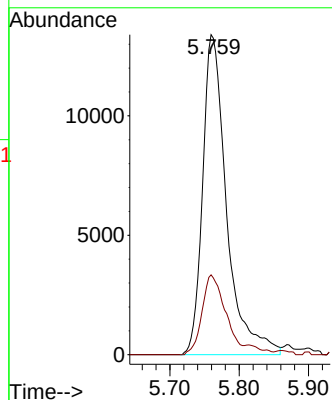
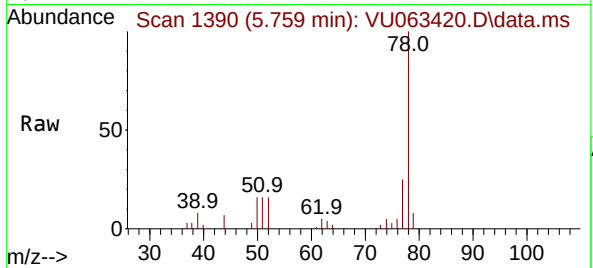
#35
Benzene
Concen: 0.463 ug/l
RT: 5.759 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 78 Resp: 3216
Ion Ratio Lower Upper
78 100
77 24.9 19.4 29.2

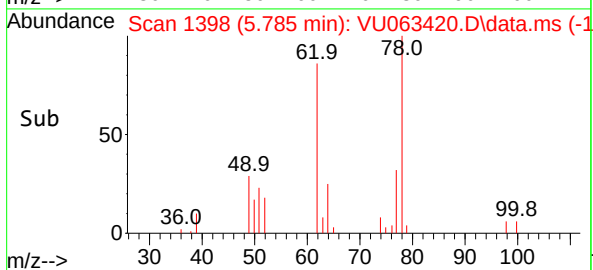
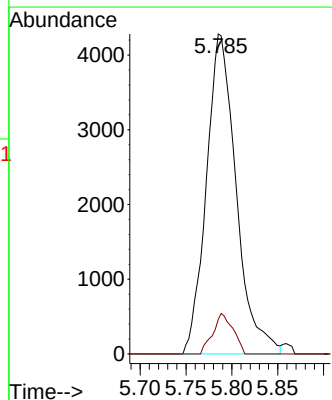
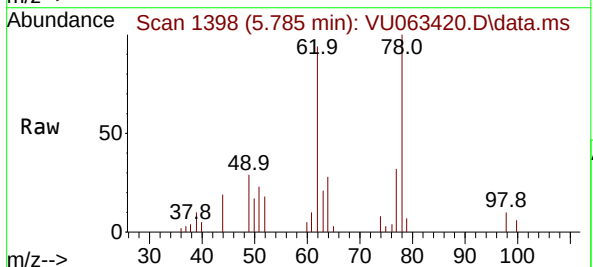
Manual Integrations
APPROVED

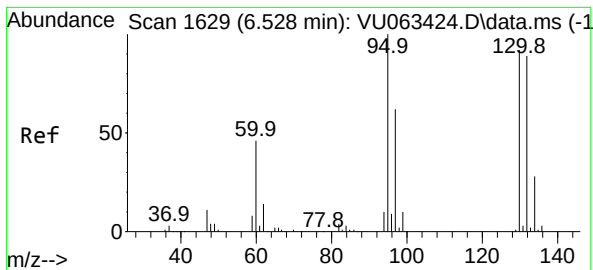
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#36
1,2-Dichloroethane
Concen: 0.477 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

Tgt Ion: 62 Resp: 9684
Ion Ratio Lower Upper
62 100
98 8.5 7.1 10.7





#37
 Trichloroethene
 Concen: 0.471 ug/l
 RT: 6.534 min Scan# 1710
 Delta R.T. 0.006 min
 Lab File: VU063420.D
 Acq: 23 Jun 2025 10:03

Instrument :

MSVOA_U

ClientSampleId :

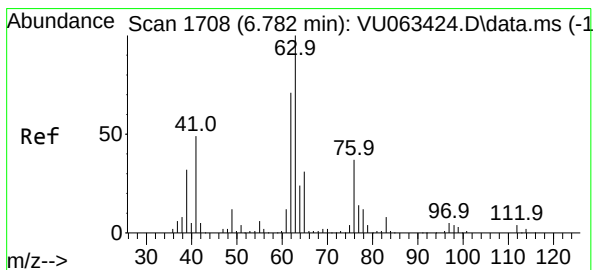
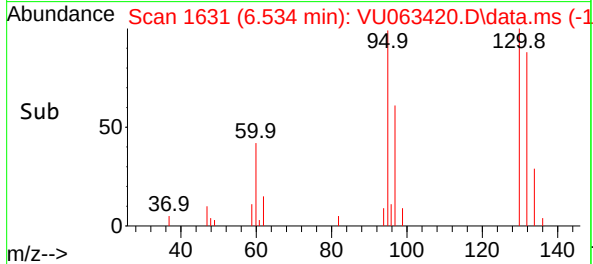
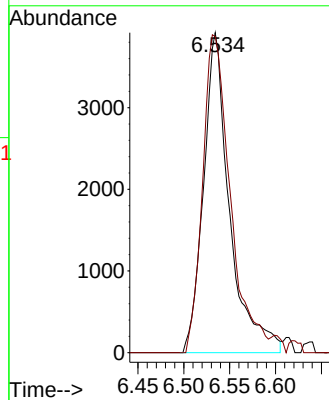
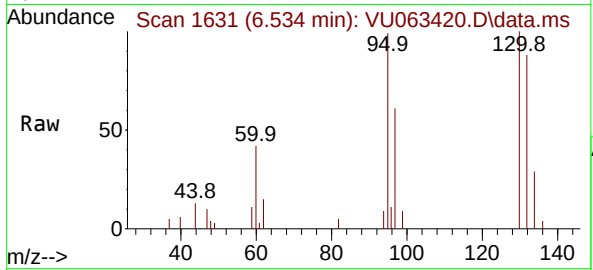
VSTDICC0.5

Tgt Ion:130 Resp: 7729
 Ion Ratio Lower Upper
 130 100
 95 98.8 87.2 130.8

Manual Integrations

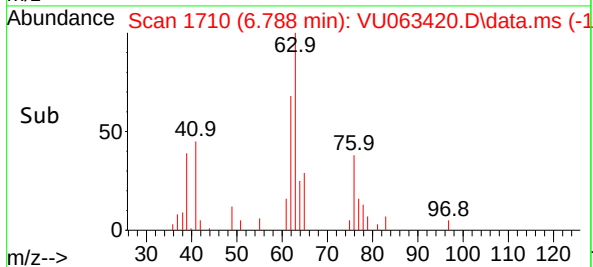
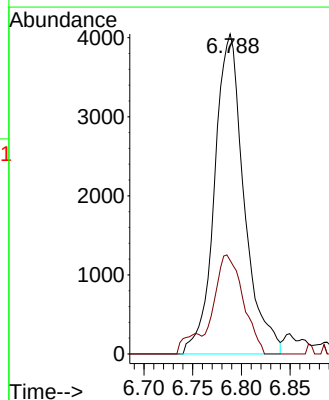
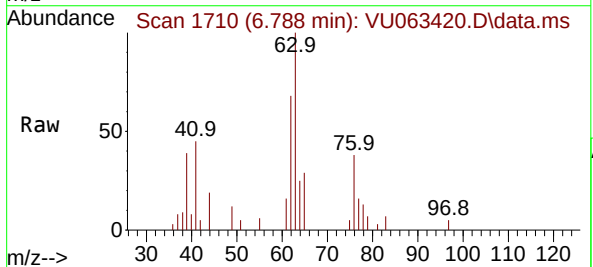
APPROVED

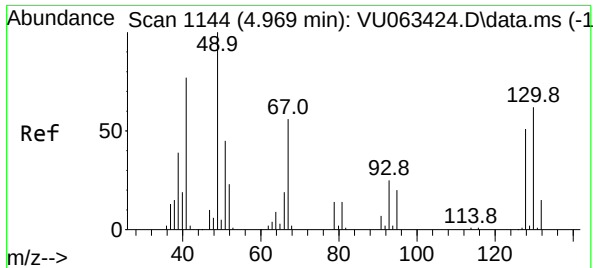
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#38
 1,2-Dichloropropane
 Concen: 0.445 ug/l
 RT: 6.788 min Scan# 1710
 Delta R.T. 0.006 min
 Lab File: VU063420.D
 Acq: 23 Jun 2025 10:03

Tgt Ion: 63 Resp: 8540
 Ion Ratio Lower Upper
 63 100
 65 29.3 25.0 37.6





#39

Methacrylonitrile

Concen: 0.487 ug/l

RT: 4.984 min Scan# 1149

Delta R.T. 0.015 min

Lab File: VU063420.D

Acq: 23 Jun 2025 10:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

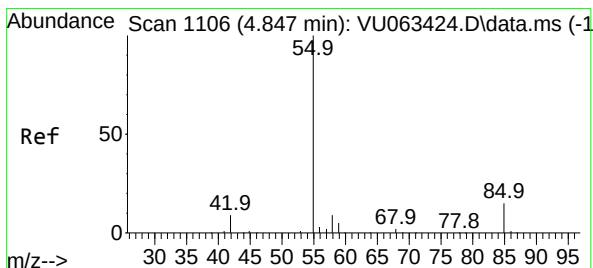
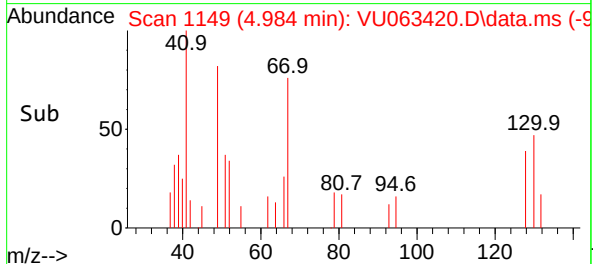
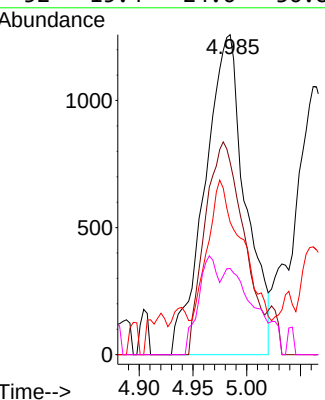
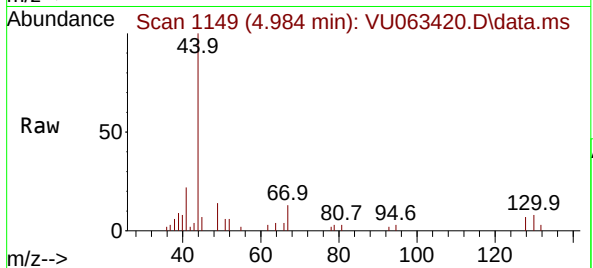
Tgt Ion: 41 Resp: 3304

Ion	Ratio	Lower	Upper
41	100		
67	63.6	59.8	89.8
39	35.4	40.7	61.1
52	15.4	24.6	36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#40

Methyl acrylate

Concen: 0.415 ug/l m

RT: 4.849 min Scan# 1107

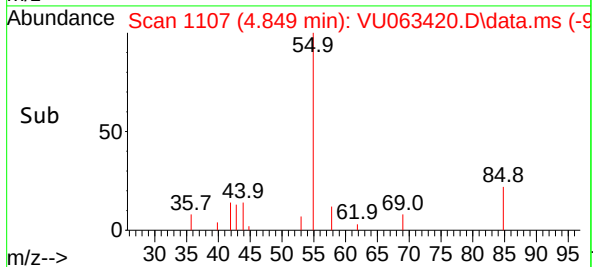
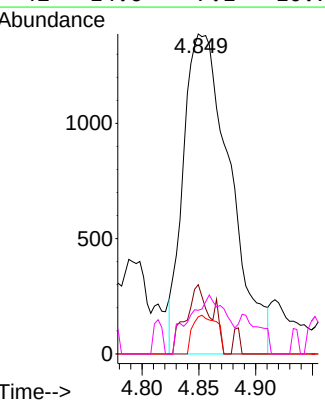
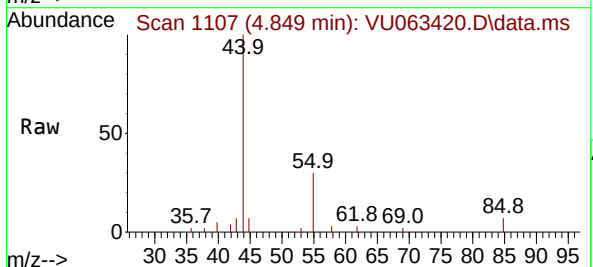
Delta R.T. 0.003 min

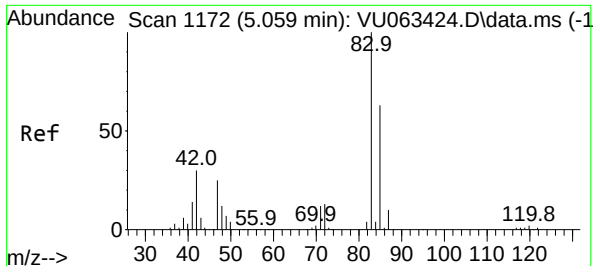
Lab File: VU063420.D

Acq: 23 Jun 2025 10:03

Tgt Ion: 55 Resp: 3966

Ion	Ratio	Lower	Upper
55	100		
85	11.8	12.6	19.0
58	6.2	6.9	10.3
42	14.6	7.1	10.7





#41

Tetrahydrofuran

Concen: 1.031 ug/l

RT: 5.062 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VU063420.D

Acq: 23 Jun 2025 10:03

Instrument :

MSVOA_U

ClientSampleId :

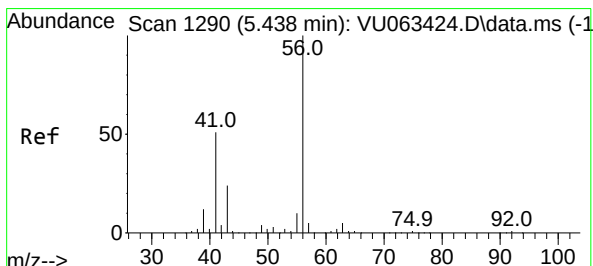
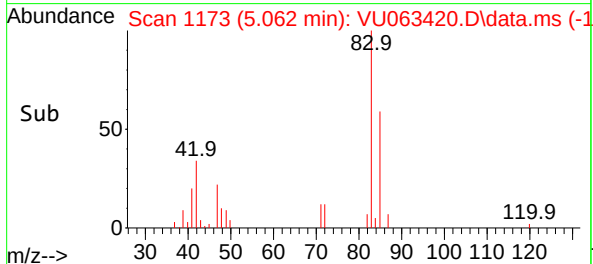
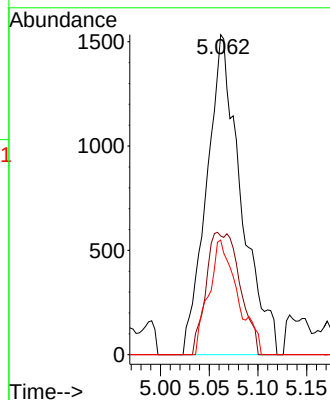
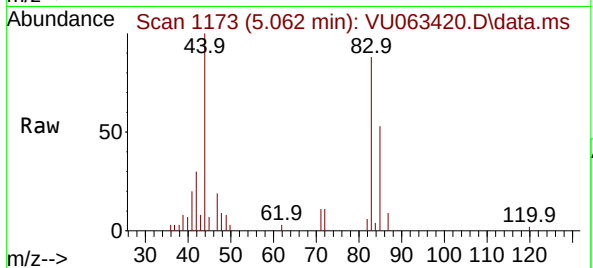
VSTDIC0.5

Tgt Ion:	42	Resp:	376
Ion Ratio	Lower	Upper	
42	100		
72	37.6	35.4	53.2
71	30.1	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#42

1-Chlorobutane

Concen: 0.508 ug/l m

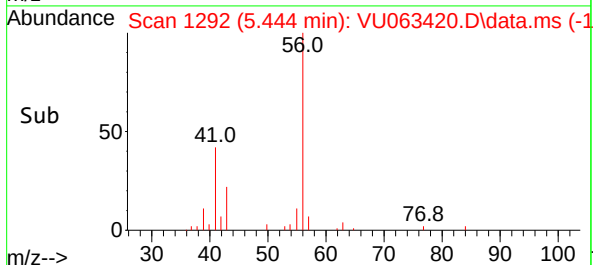
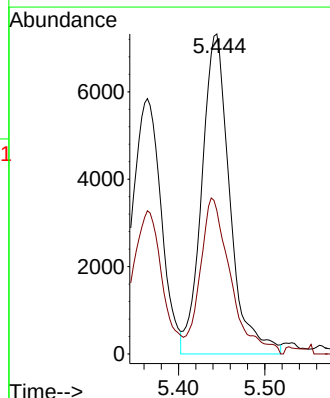
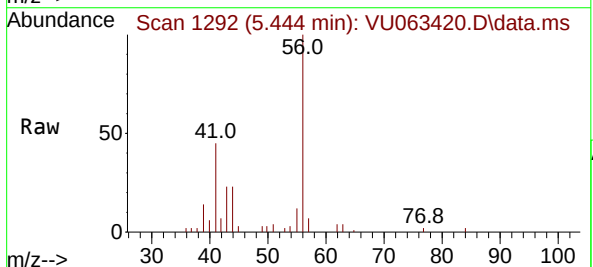
RT: 5.444 min Scan# 1292

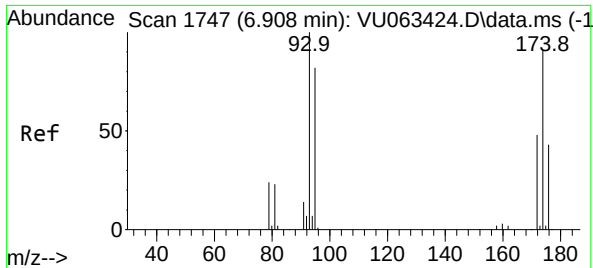
Delta R.T. 0.006 min

Lab File: VU063420.D

Acq: 23 Jun 2025 10:03

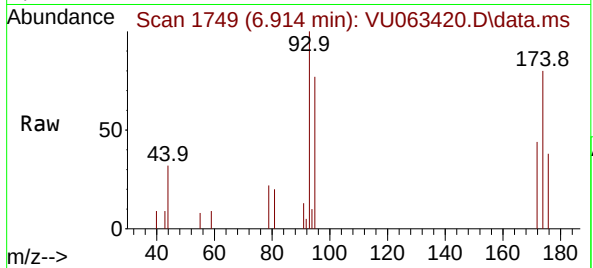
Tgt Ion:	56	Resp:	16549
Ion Ratio	Lower	Upper	
56	100		
41	52.5	26.4	79.0





#43
Dibromomethane
Concen: 0.447 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

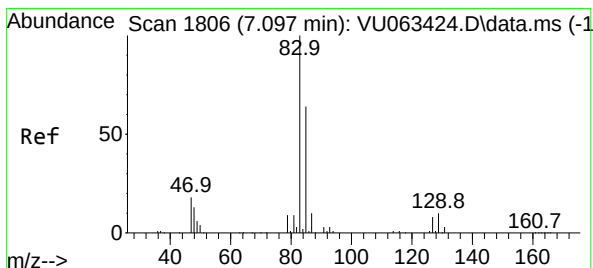
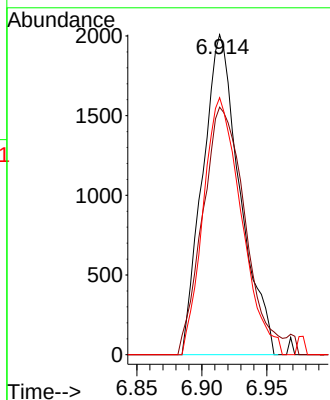
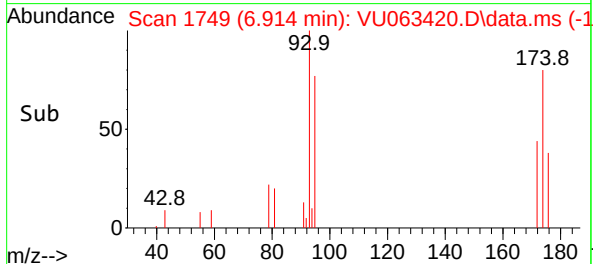
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



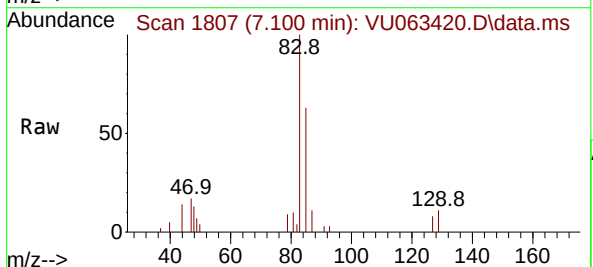
Tgt Ion: 93 Resp: 4000
Ion Ratio Lower Upper
93 100
95 87.8 66.7 100.1
174 82.3 71.1 106.7

Manual Integrations
APPROVED

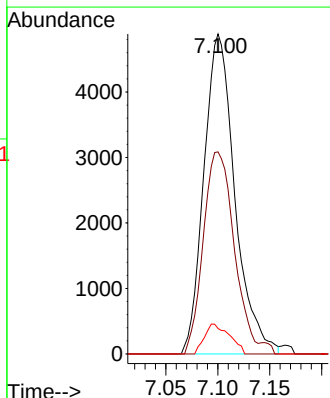
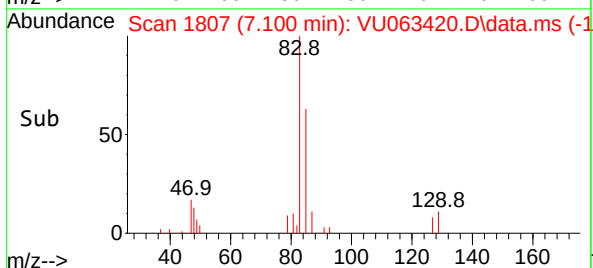
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

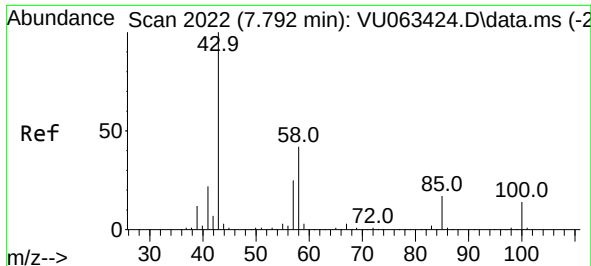


#44
Bromodichloromethane
Concen: 0.464 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03



Tgt Ion: 83 Resp: 10135
Ion Ratio Lower Upper
83 100
85 63.2 51.4 77.2
127 8.0 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 1.937 ug/l

RT: 7.804 min Scan# 2022

Delta R.T. 0.013 min

Lab File: VU063420.D

Acq: 23 Jun 2025 10:03

Instrument :

MSVOA_U

ClientSampleId :

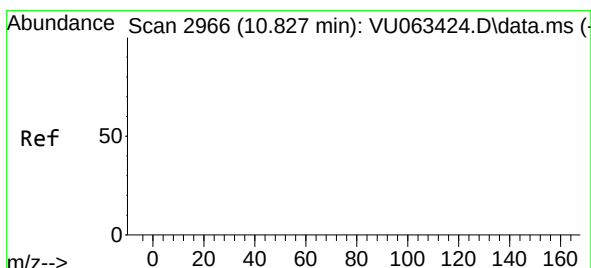
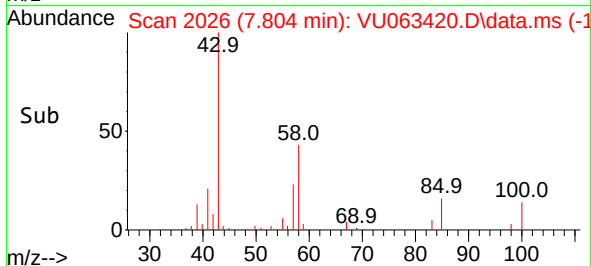
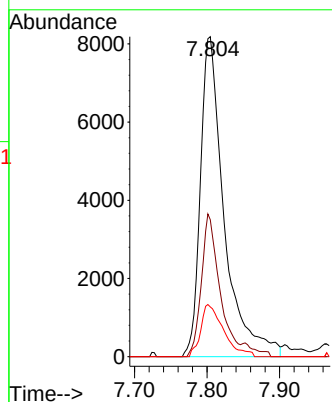
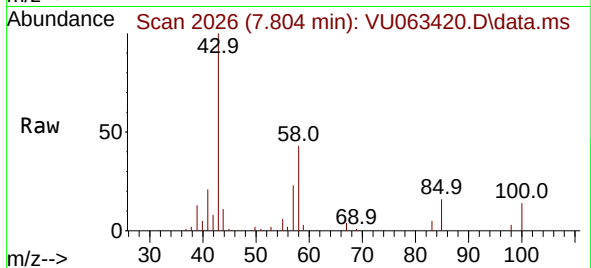
VSTDICC0.5

Tgt Ion:	43	Resp:	1862
Ion	Ratio	Lower	Upper
43	100		
58	34.2	20.5	61.6
85	15.6	14.2	21.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#46

t-1,4-Dichloro-2-butene

Concen: 1.082 ug/l m

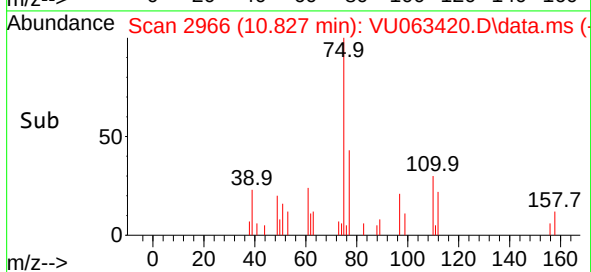
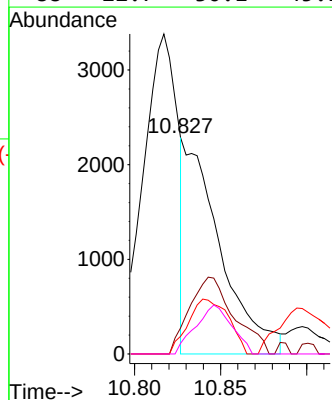
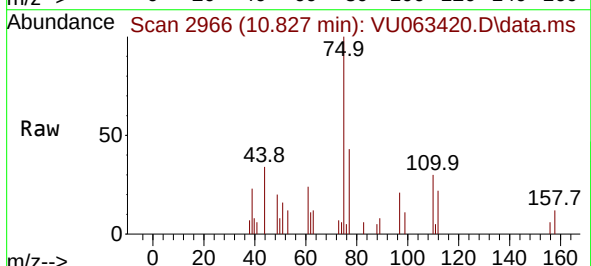
RT: 10.827 min Scan# 2966

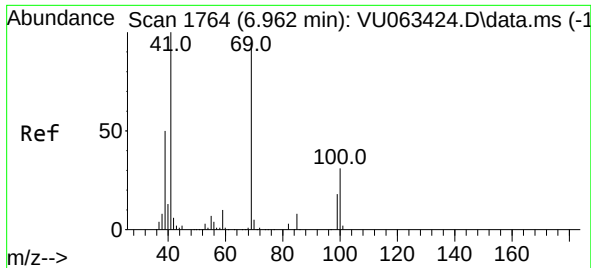
Delta R.T. -0.000 min

Lab File: VU063420.D

Acq: 23 Jun 2025 10:03

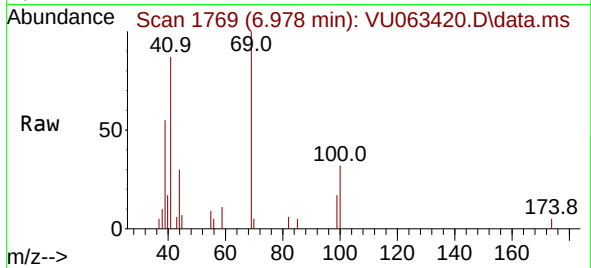
Tgt Ion:	75	Resp:	3322
Ion	Ratio	Lower	Upper
75	100		
53	44.0	61.4	92.2#
89	28.4	39.2	58.8#
88	22.7	30.1	45.1#





#47
Methyl methacrylate
Concen: 1.418 ug/l
RT: 6.978 min Scan# 1769
Delta R.T. 0.016 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

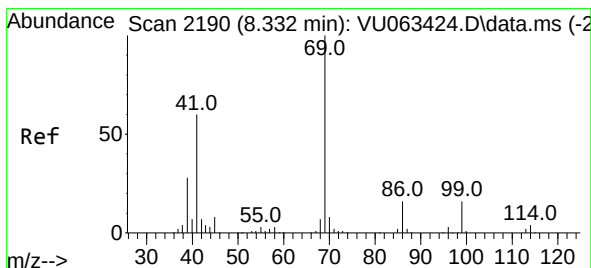
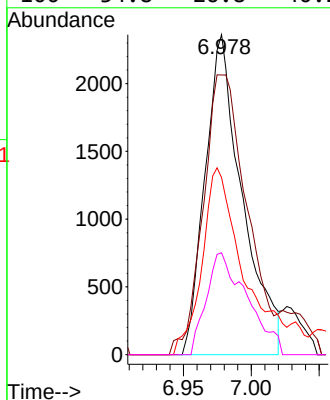
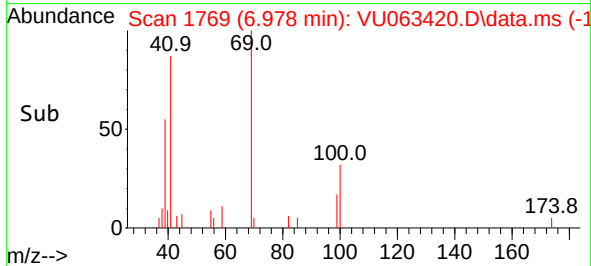
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 69 Resp: 451
Ion Ratio Lower Upper
69 100
41 102.7 0.0 212.6
39 64.8 40.6 61.0
100 34.8 26.8 40.2

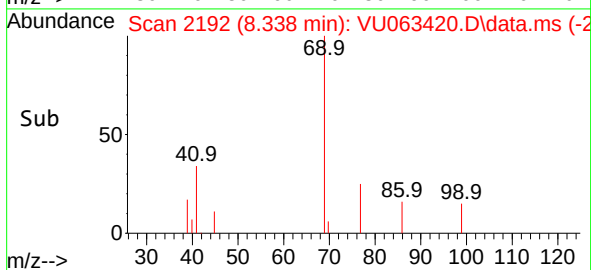
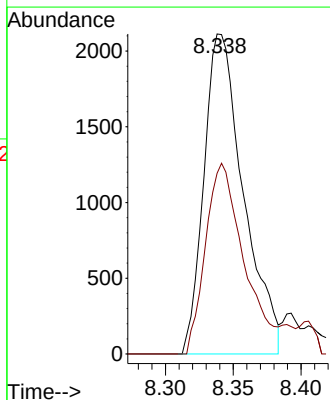
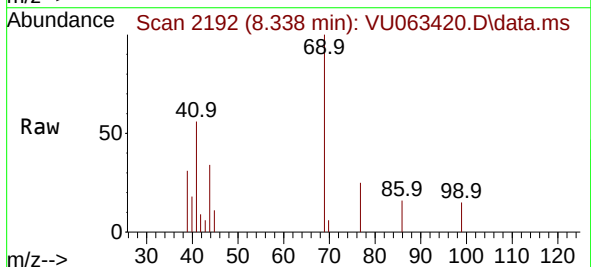
Manual Integrations
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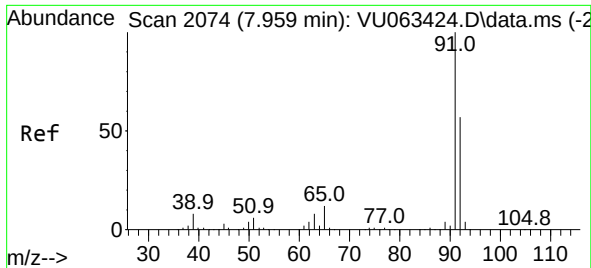
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#48
Ethyl methacrylate
Concen: 0.619 ug/l
RT: 8.338 min Scan# 2192
Delta R.T. 0.006 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

Tgt Ion: 69 Resp: 4290
Ion Ratio Lower Upper
69 100
41 57.9 30.6 92.0





#49

Toluene

Concen: 0.386 ug/l

RT: 7.965 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VU063420.D

Acq: 23 Jun 2025 10:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 92 Resp: 1470

Ion Ratio Lower Upper

92 100

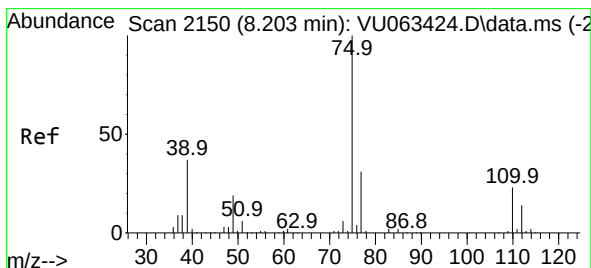
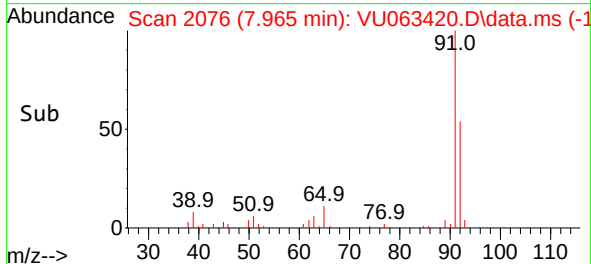
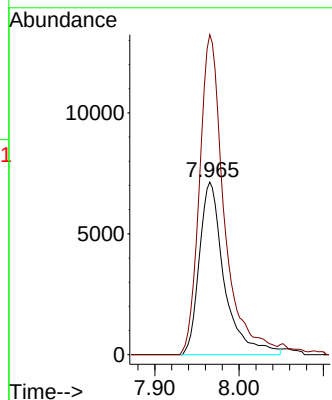
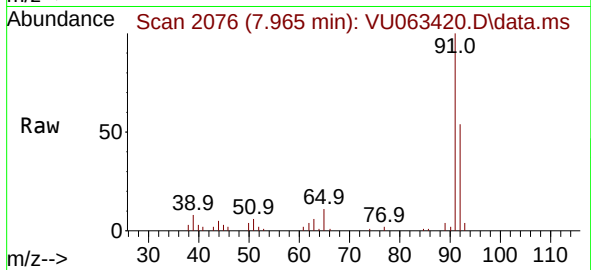
91 183.4 142.0 213.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#50

t-1,3-Dichloropropene

Concen: 0.377 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.006 min

Lab File: VU063420.D

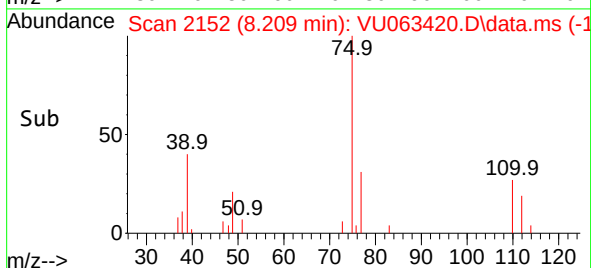
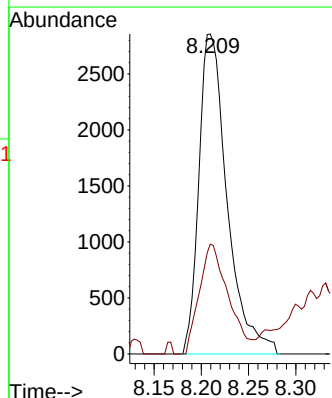
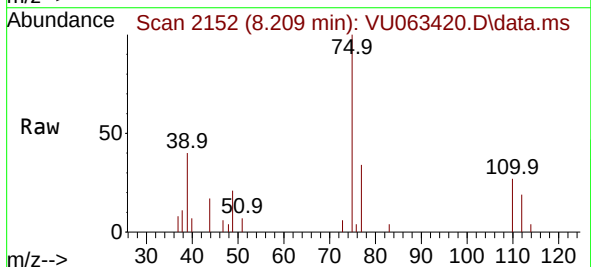
Acq: 23 Jun 2025 10:03

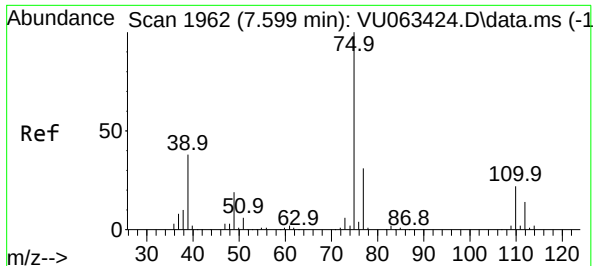
Tgt Ion: 75 Resp: 5938

Ion Ratio Lower Upper

75 100

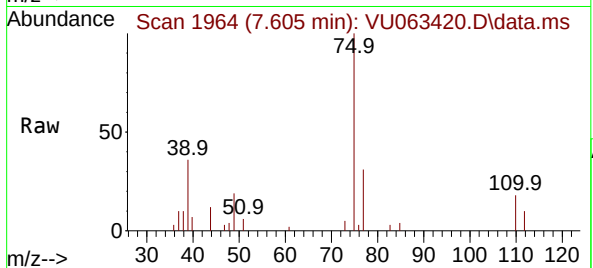
77 34.3 24.5 36.7





#51
 cis-1,3-Dichloropropene
 Concen: 0.411 ug/l
 RT: 7.605 min Scan# 1962
 Delta R.T. 0.006 min
 Lab File: VU063420.D
 Acq: 23 Jun 2025 10:03

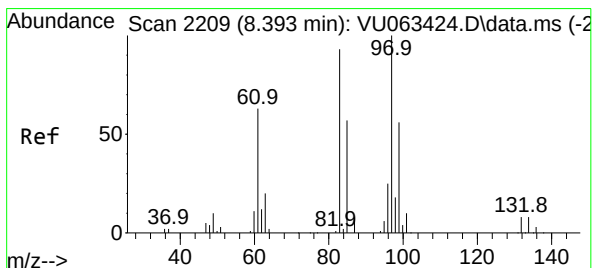
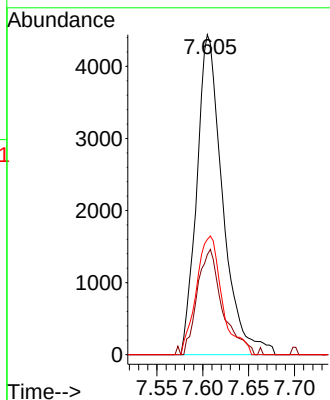
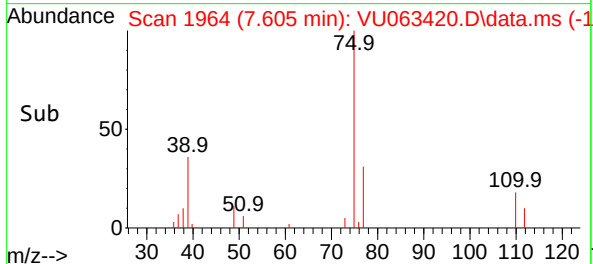
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 75 Resp: 8680
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.8 37.2
 39 36.0 30.7 46.1

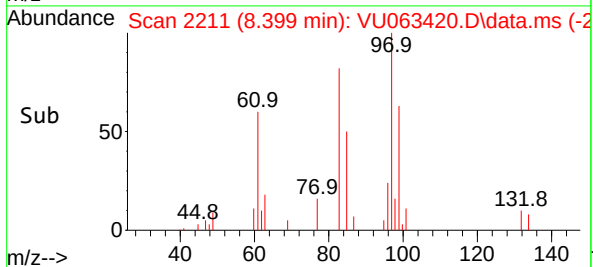
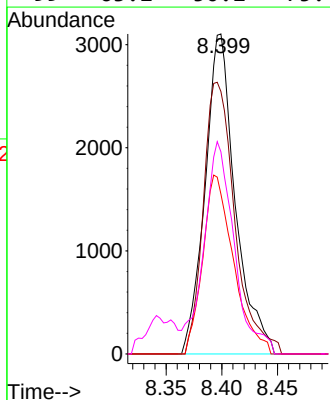
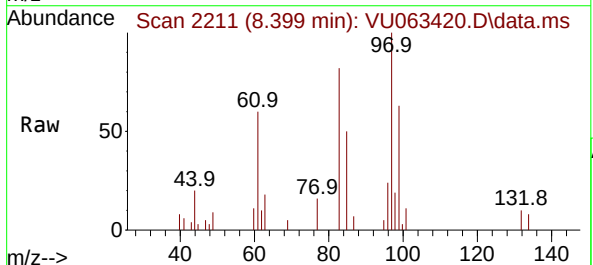
Manual Integrations
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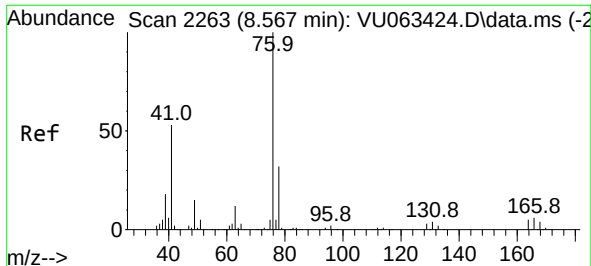
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#52
 1,1,2-Trichloroethane
 Concen: 0.447 ug/l
 RT: 8.399 min Scan# 2211
 Delta R.T. 0.006 min
 Lab File: VU063420.D
 Acq: 23 Jun 2025 10:03

Tgt Ion: 97 Resp: 5858
 Ion Ratio Lower Upper
 97 100
 83 82.0 74.1 111.1
 85 49.9 45.8 68.8
 99 63.2 50.2 75.4





#53

1,3-Dichloropropane

Concen: 0.423 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063420.D

Acq: 23 Jun 2025 10:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 76 Resp: 953

Ion Ratio Lower Upper

76 100

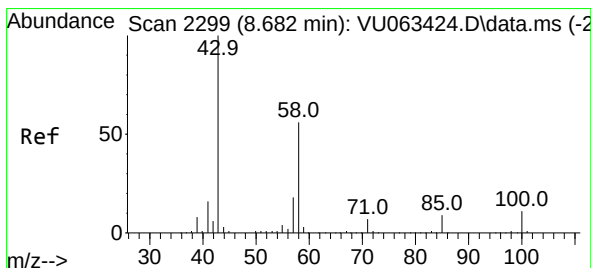
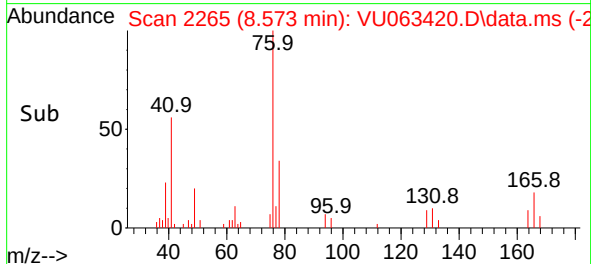
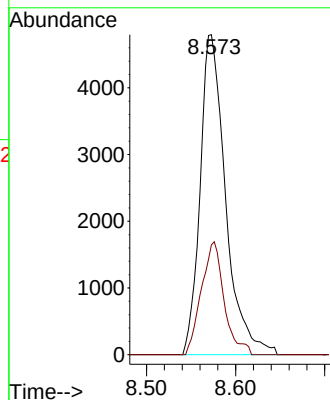
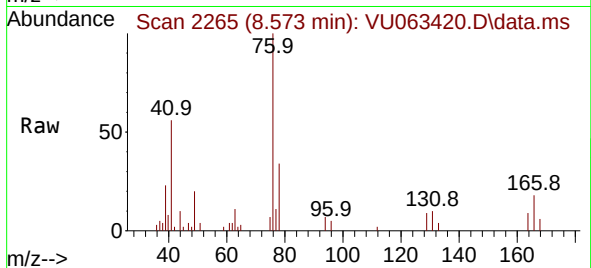
78 31.5 25.7 38.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/25/2025

Supervised By :Semsettin Yesilyurt 06/25/2025



#54

2-Hexanone

Concen: 2.828 ug/l

RT: 8.698 min Scan# 2304

Delta R.T. 0.016 min

Lab File: VU063420.D

Acq: 23 Jun 2025 10:03

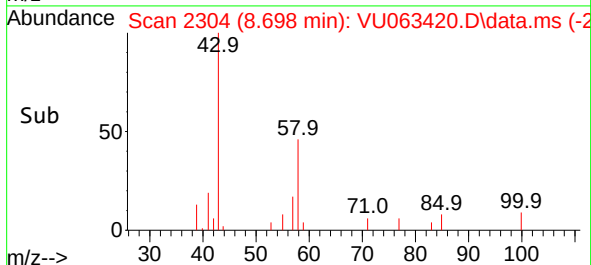
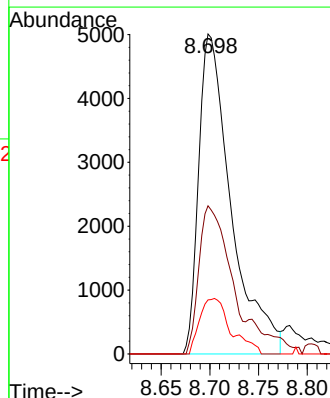
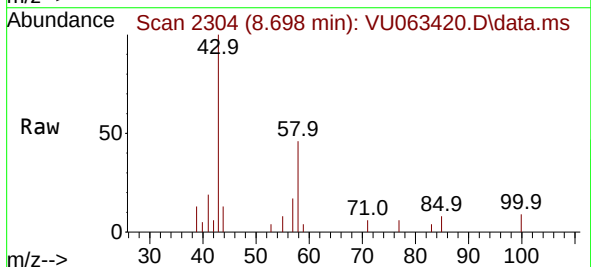
Tgt Ion: 43 Resp: 11598

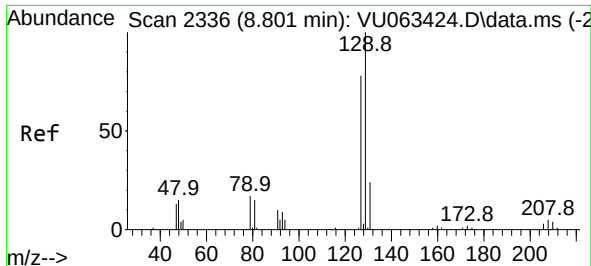
Ion Ratio Lower Upper

43 100

58 42.9 36.9 76.9

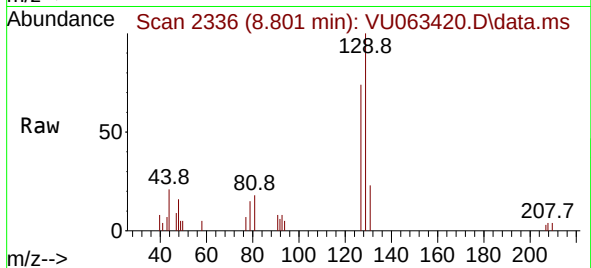
57 16.7 0.0 38.8





#55
Dibromochloromethane
Concen: 0.433 ug/l
RT: 8.801 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

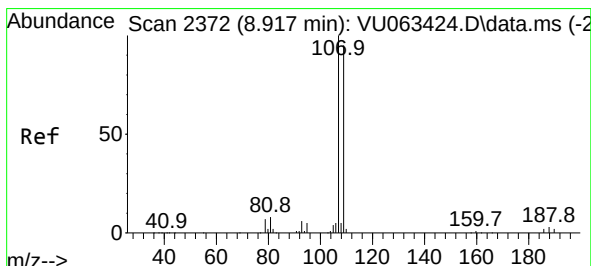
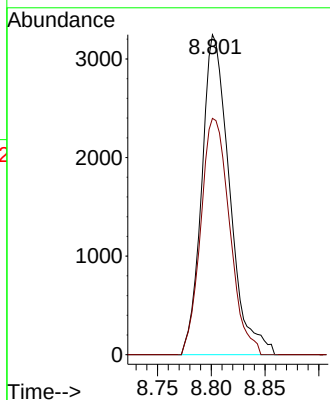
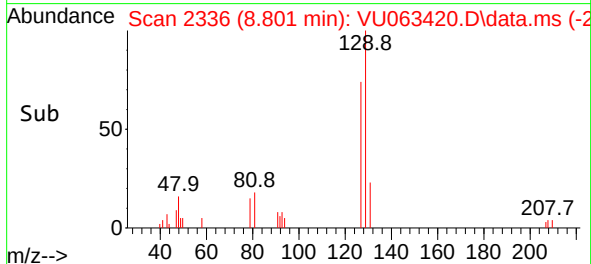
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



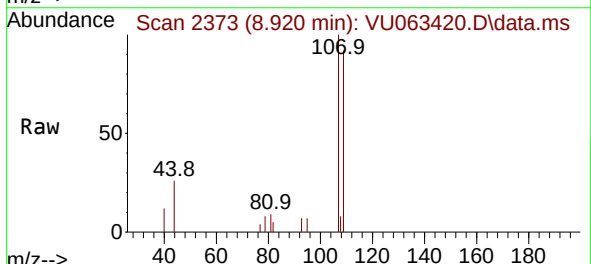
Tgt Ion:129 Resp: 5844
Ion Ratio Lower Upper
129 100
127 76.6 62.6 93.8

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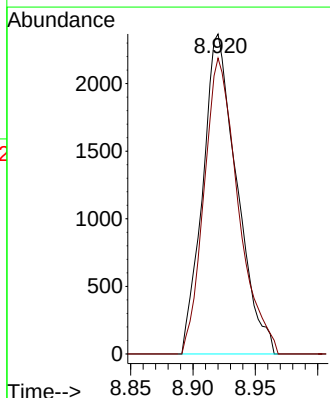
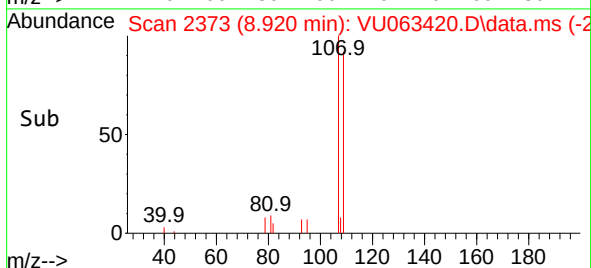
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

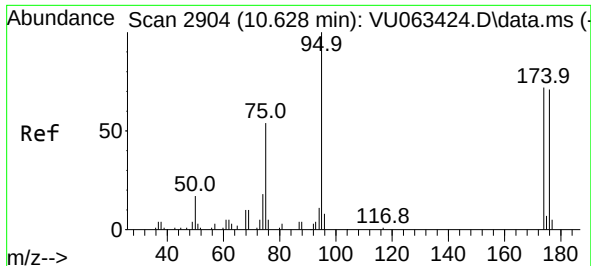


#56
1,2-Dibromoethane
Concen: 0.424 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03



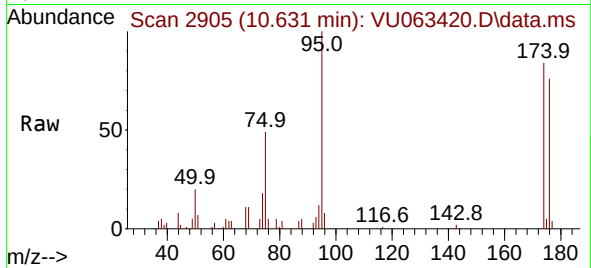
Tgt Ion:107 Resp: 4502
Ion Ratio Lower Upper
107 100
109 92.5 0.0 188.0





#57
4-Bromofluorobenzene
Concen: 0.821 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

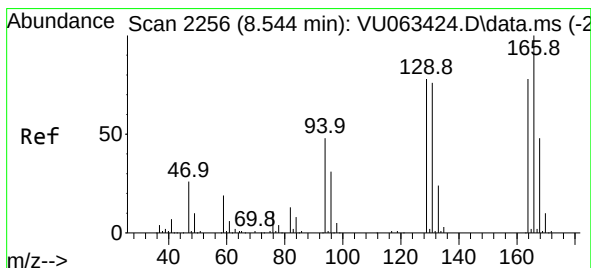
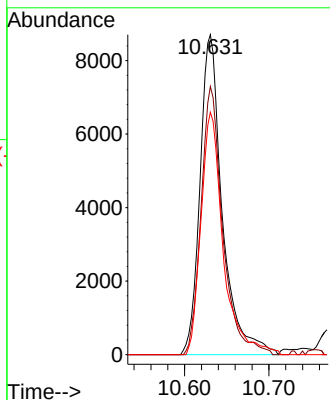
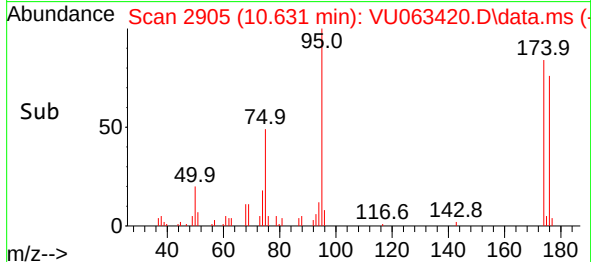
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 95 Resp: 16064
Ion Ratio Lower Upper
95 100
174 81.4 59.4 89.2
176 75.6 57.8 86.6

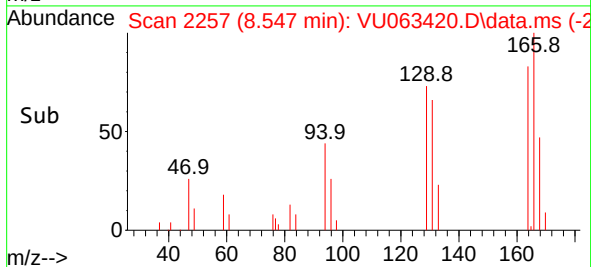
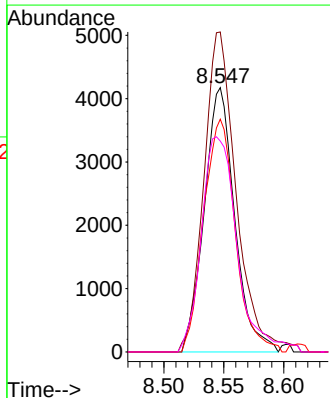
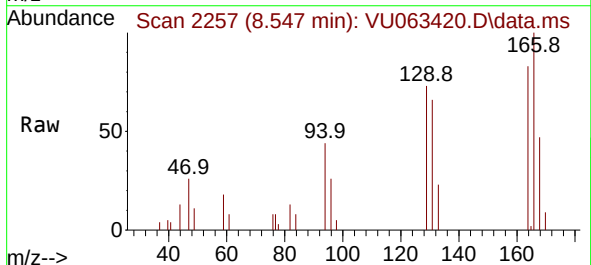
Manual Integrations
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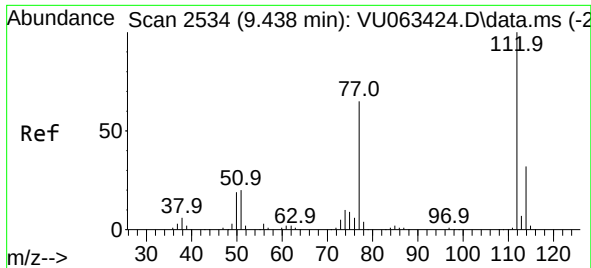
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#58
Tetrachloroethene
Concen: 0.457 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

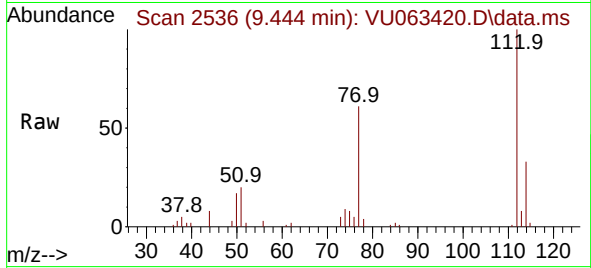
Tgt Ion:164 Resp: 7362
Ion Ratio Lower Upper
164 100
166 121.1 102.8 154.2
129 88.1 80.2 120.2
131 79.8 77.9 116.9





#59
Chlorobenzene
Concen: 0.433 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.006 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

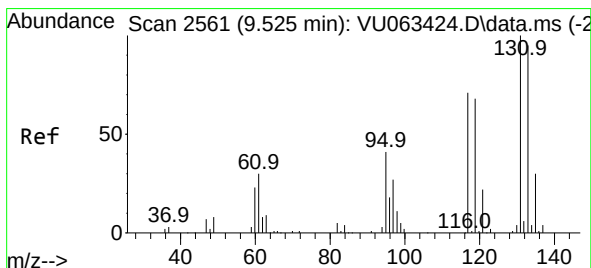
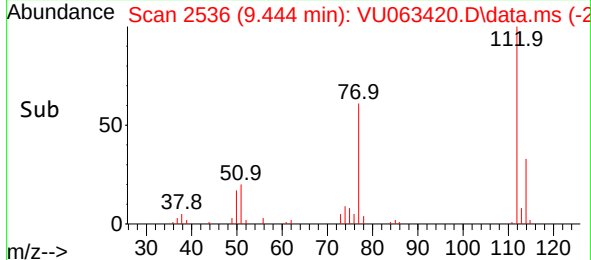
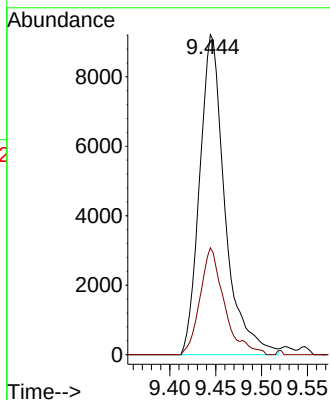
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion:112 Resp: 1768
Ion Ratio Lower Upper
112 100
114 33.4 25.7 38.5

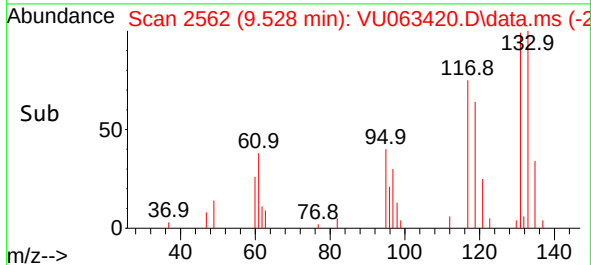
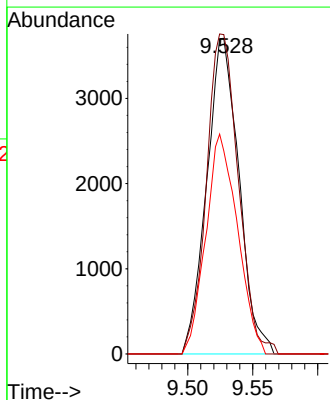
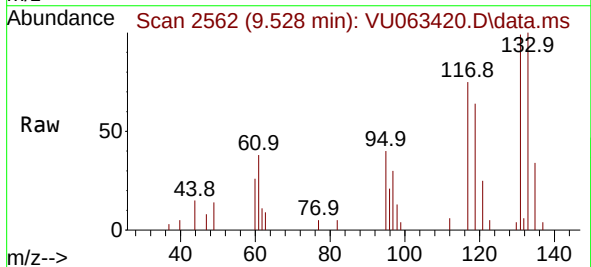
Manual Integrations
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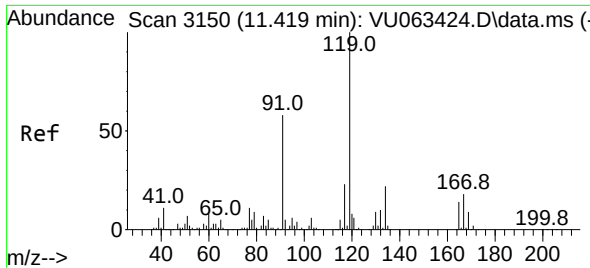
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 0.435 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

Tgt Ion:131 Resp: 6394
Ion Ratio Lower Upper
131 100
133 100.2 76.1 114.1
119 68.5 53.7 80.5





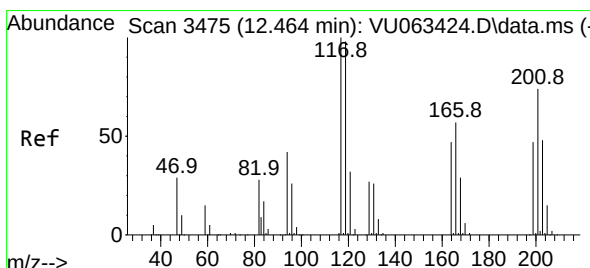
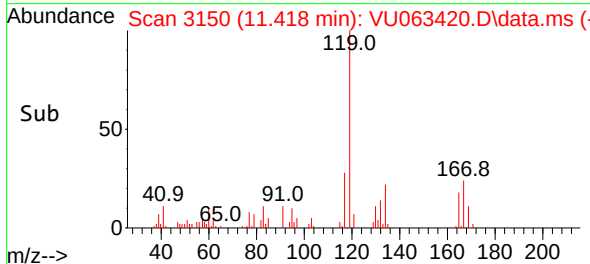
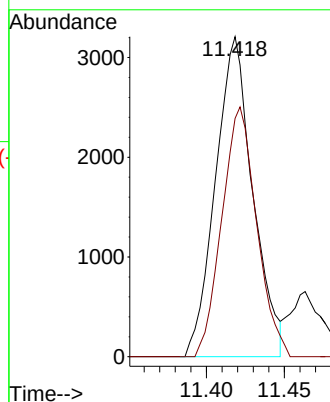
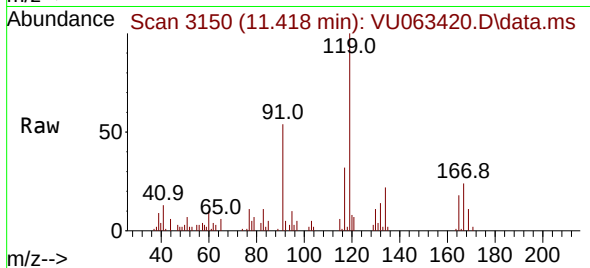
#61
Pentachloroethane
Concen: 0.446 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.001 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:117 Resp: 5339
Ion Ratio Lower Upper
117 100
167 72.7 58.1 87.1

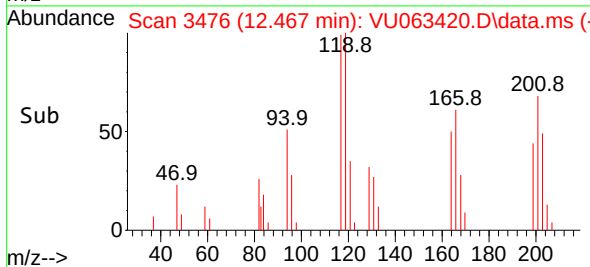
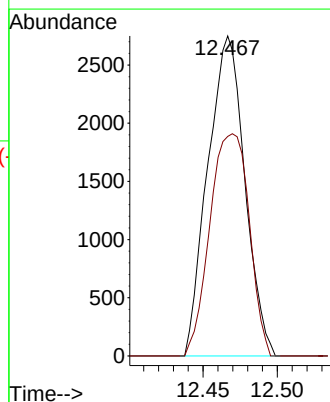
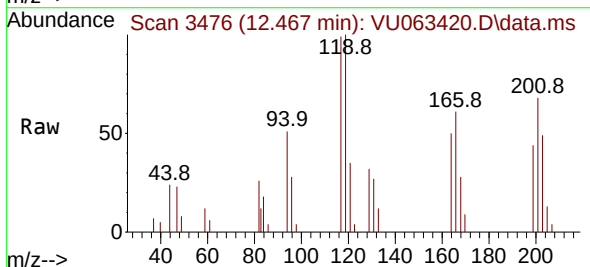
Manual Integrations
APPROVED

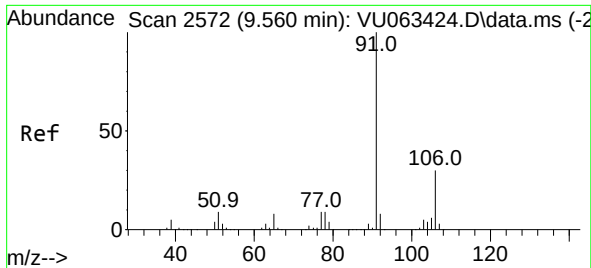
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#62
Hexachloroethane
Concen: 0.443 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

Tgt Ion:117 Resp: 4766
Ion Ratio Lower Upper
117 100
201 73.7 60.4 90.6





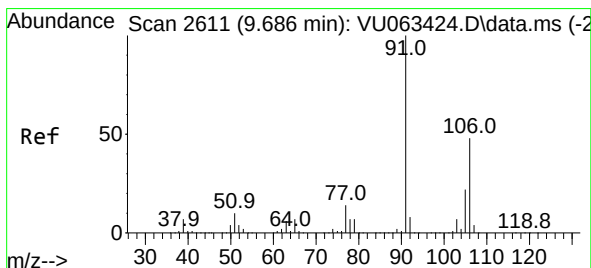
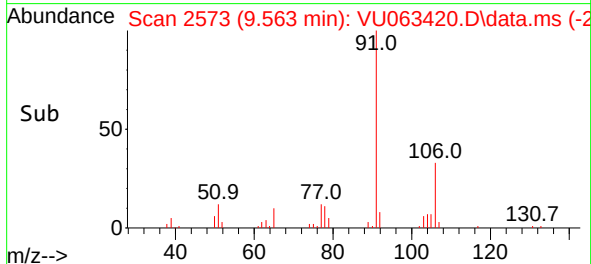
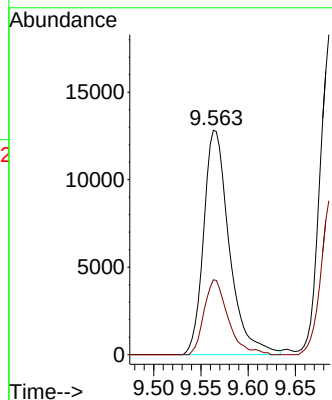
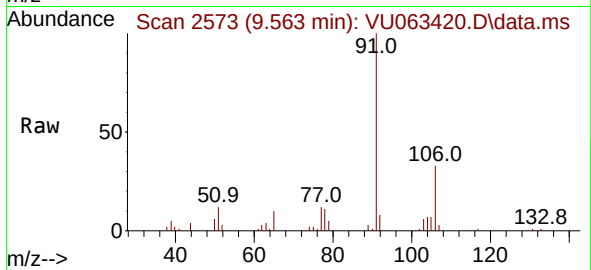
#63
Ethyl Benzene
Concen: 0.370 ug/l
RT: 9.563 min Scan# 2572
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 24220
Ion Ratio Lower Upper
91 100
106 33.3 24.2 36.2

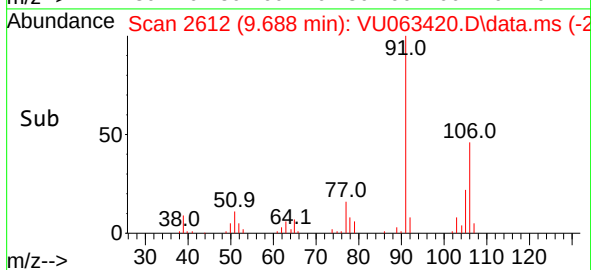
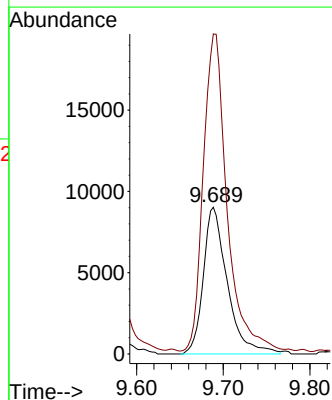
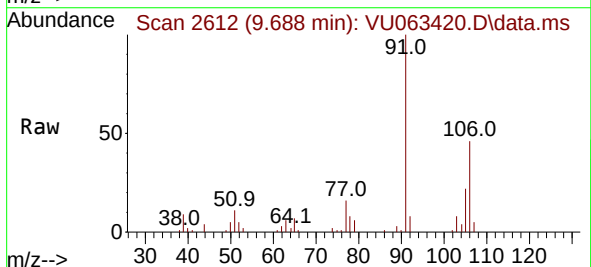
Manual Integrations
APPROVED

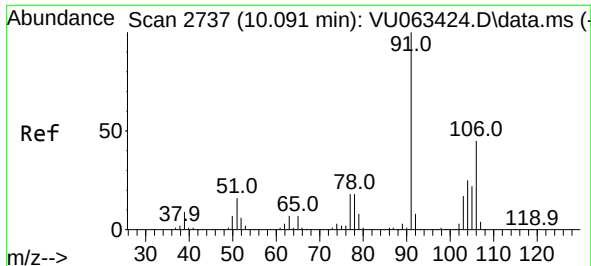
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#64
m/p-Xylenes
Concen: 1.327 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.002 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

Tgt Ion:106 Resp: 17368
Ion Ratio Lower Upper
106 100
91 215.5 169.9 254.9





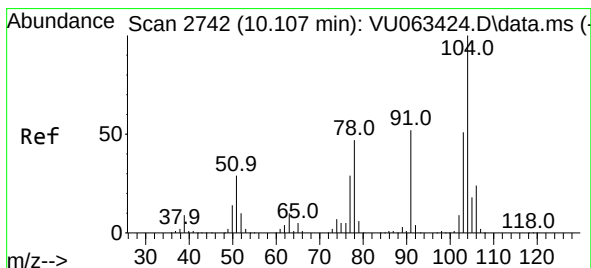
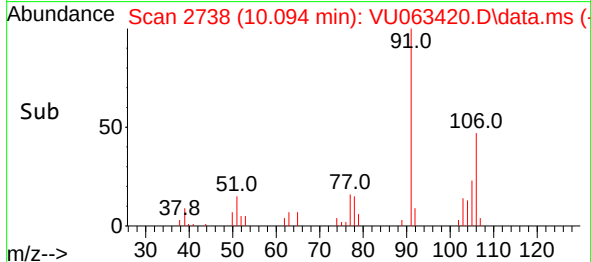
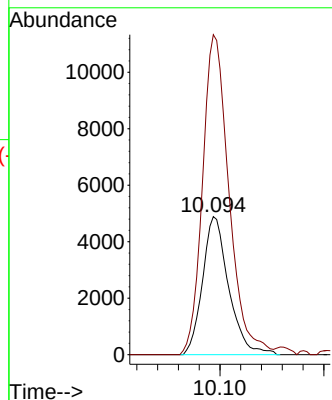
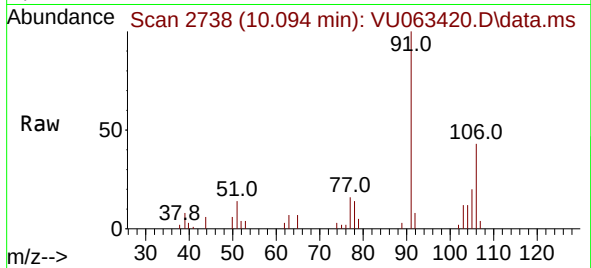
#65
o-Xylene
Concen: 0.343 ug/l
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:106 Resp: 8530
Ion Ratio Lower Upper
106 100
91 234.4 110.8 332.3

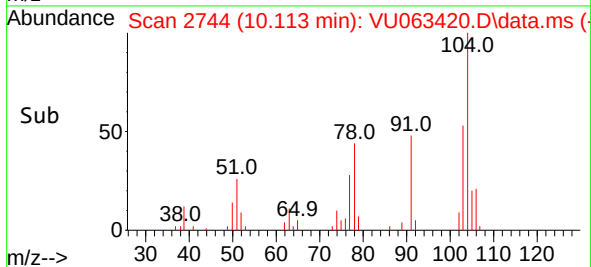
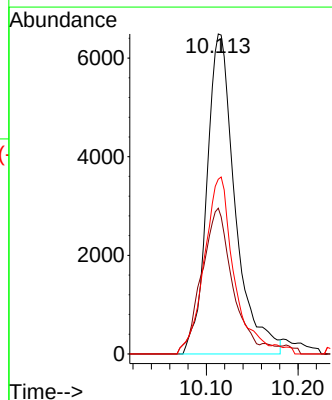
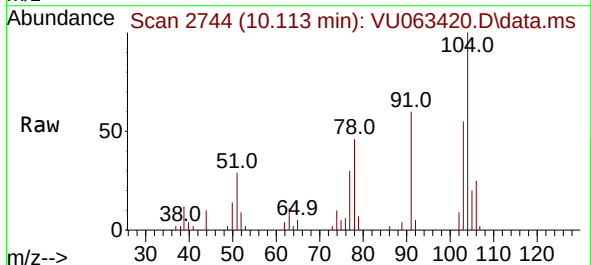
Manual Integrations
APPROVED

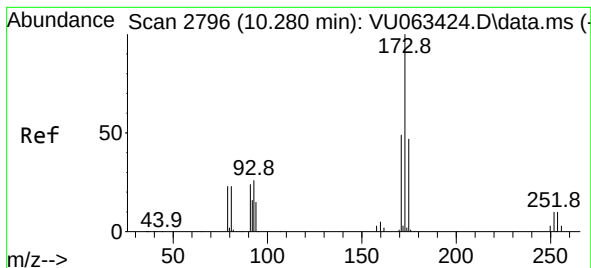
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#66
Styrene
Concen: 0.681 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

Tgt Ion:104 Resp: 13899
Ion Ratio Lower Upper
104 100
78 49.0 41.6 62.4
103 57.5 44.6 67.0





#67

Bromoform

Concen: 0.413 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063420.D

Acq: 23 Jun 2025 10:03

Instrument :

MSVOA_U

ClientSampleId :

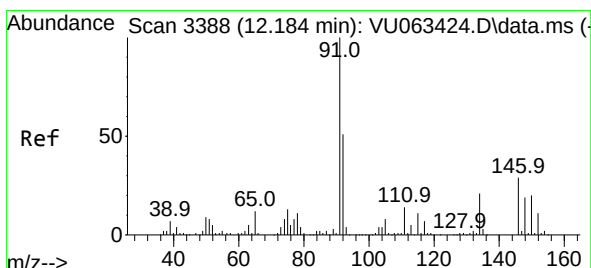
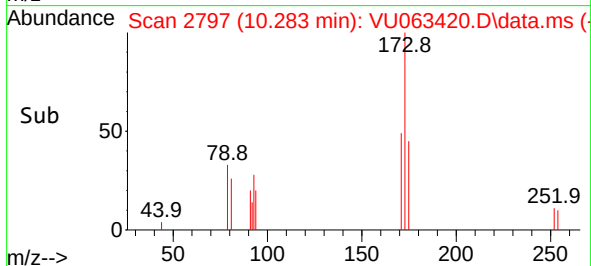
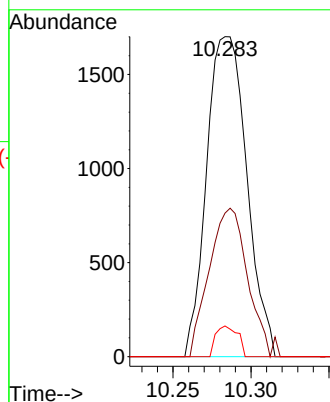
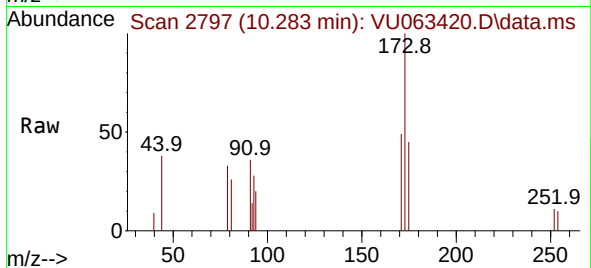
VSTDICC0.5

Tgt Ion:173	Resp:	3049
Ion Ratio	Lower	Upper
173	100	
175	44.6	38.2 57.2
254	5.2	7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#68

1,2-Dichlorobenzene-d4

Concen: 0.832 ug/l

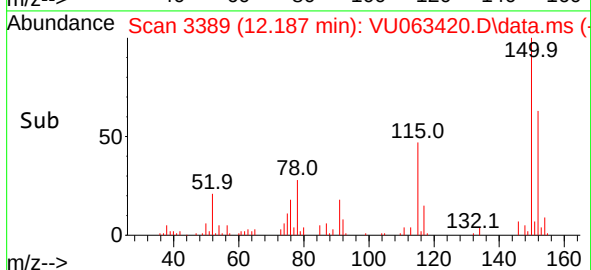
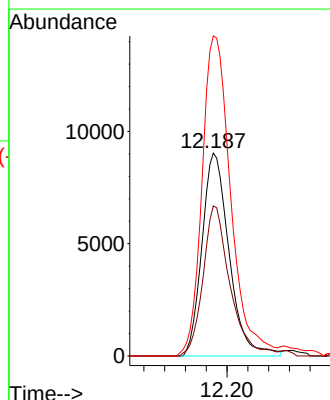
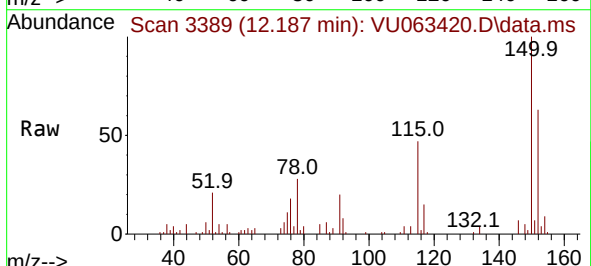
RT: 12.187 min Scan# 3389

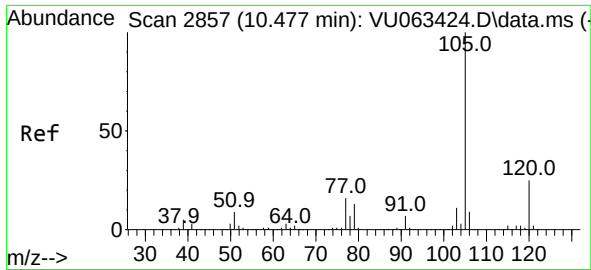
Delta R.T. 0.003 min

Lab File: VU063420.D

Acq: 23 Jun 2025 10:03

Tgt Ion:152	Resp:	16350
Ion Ratio	Lower	Upper
152	100	
115	73.5	0.0 327.6
150	166.9	0.0 664.4





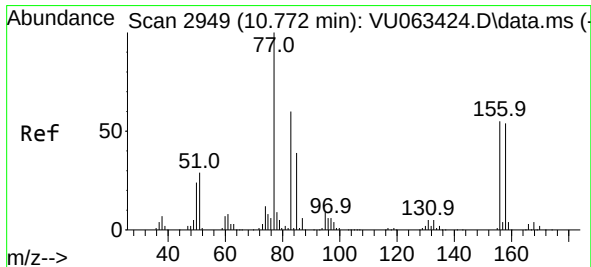
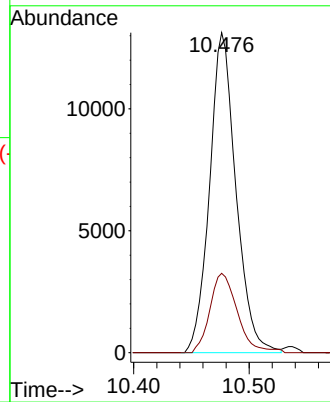
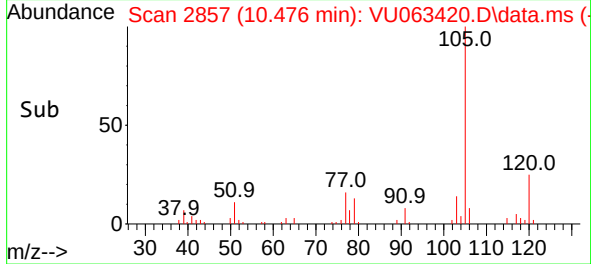
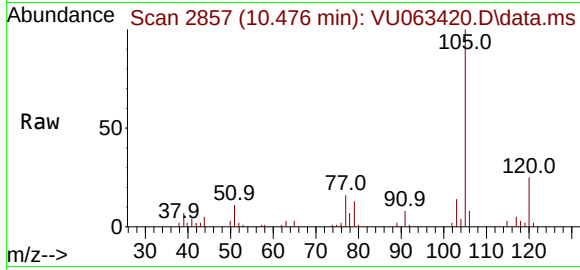
#69
Isopropylbenzene
Concen: 0.362 ug/l
RT: 10.476 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:105 Resp: 20824
Ion Ratio Lower Upper
105 100
120 25.8 12.7 38.1

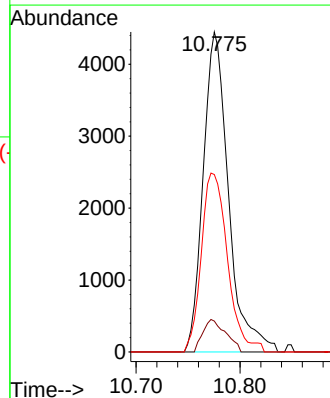
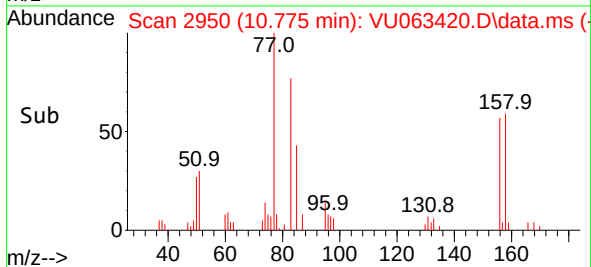
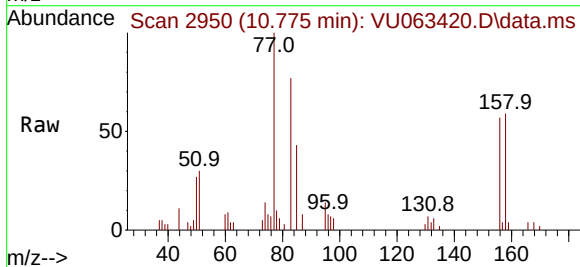
Manual Integrations
APPROVED

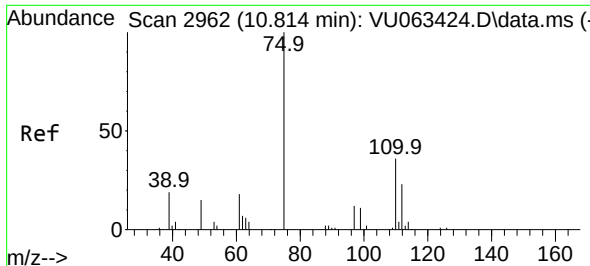
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 0.450 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

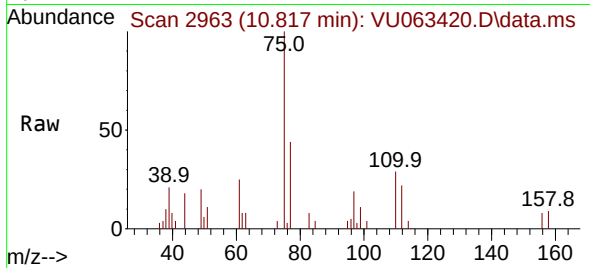
Tgt Ion: 83 Resp: 7533
Ion Ratio Lower Upper
83 100
131 9.2 7.4 11.0
85 57.9 51.3 76.9





#71
1,2,3-Trichloropropane
Concen: 0.372 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

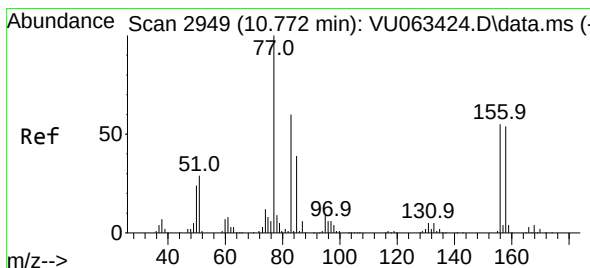
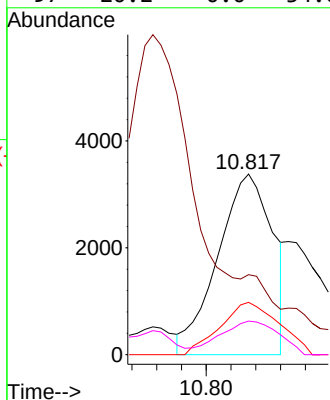
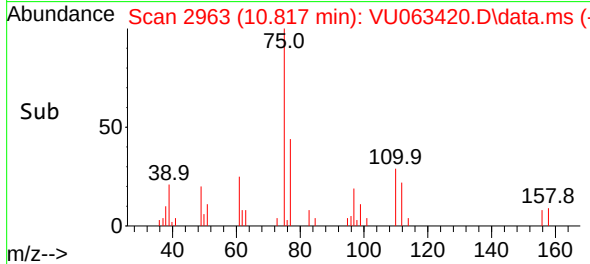
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



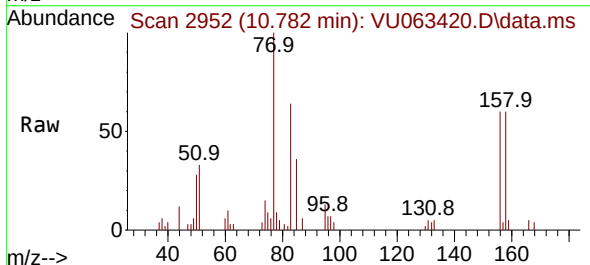
Tgt Ion: 75 Resp: 518
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 31.1 0.0 63.4
97 20.2 0.0 34.0

Manual Integrations
APPROVED

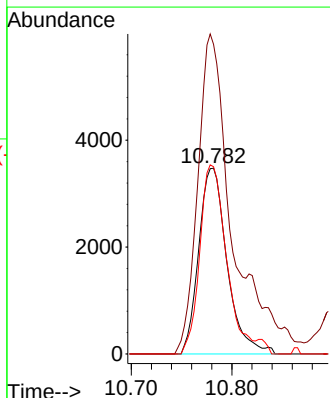
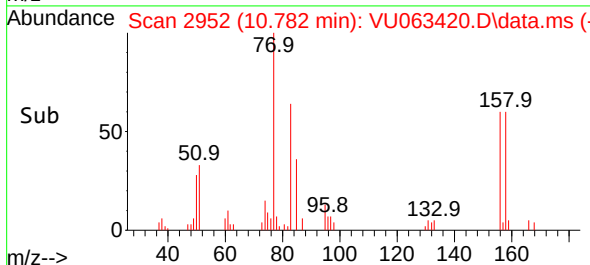
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

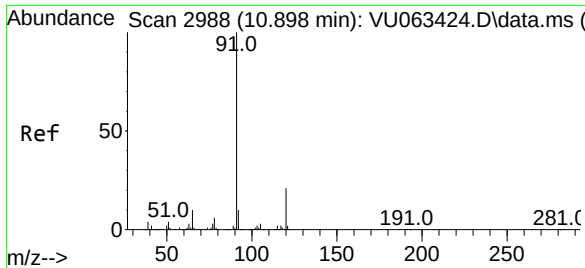


#72
Bromobenzene
Concen: 0.421 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.010 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03



Tgt Ion:156 Resp: 6800
Ion Ratio Lower Upper
156 100
77 213.0 0.0 416.2
158 95.9 0.0 190.6





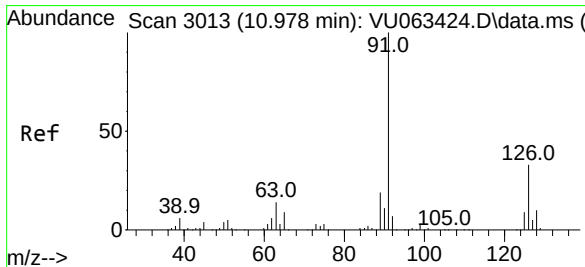
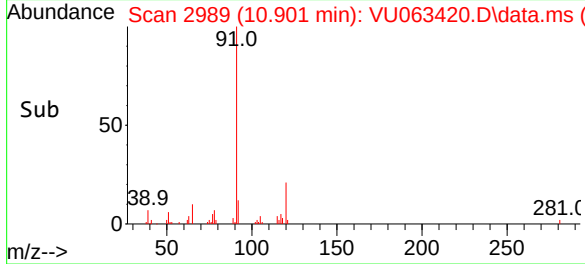
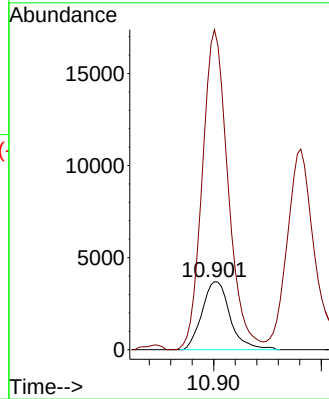
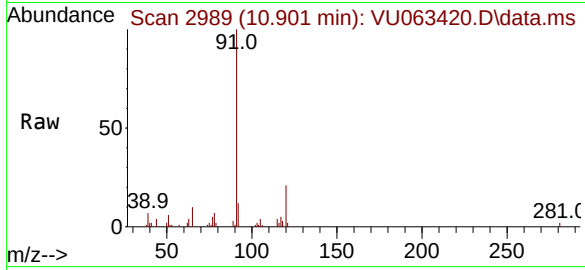
#73
n-propylbenzene
Concen: 0.673 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:120 Resp: 667
Ion Ratio Lower Upper
120 100
91 433.0 373.7 560.5

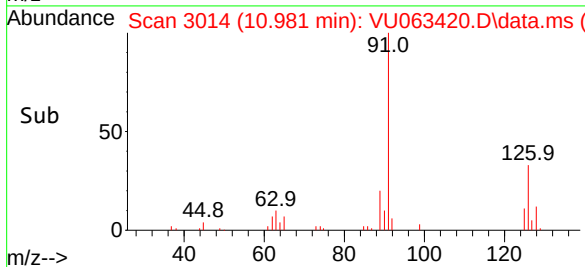
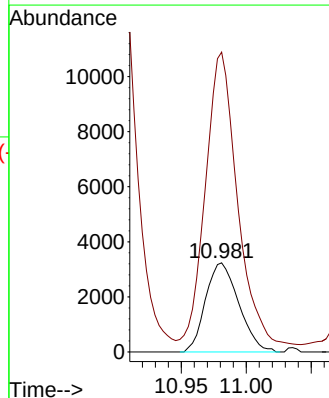
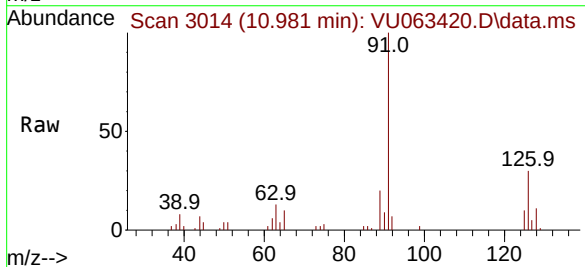
Manual Integrations
APPROVED

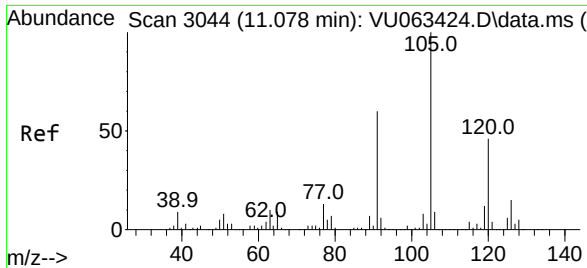
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#74
2-Chlorotoluene
Concen: 0.360 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

Tgt Ion:126 Resp: 5744
Ion Ratio Lower Upper
126 100
91 325.5 0.0 650.8





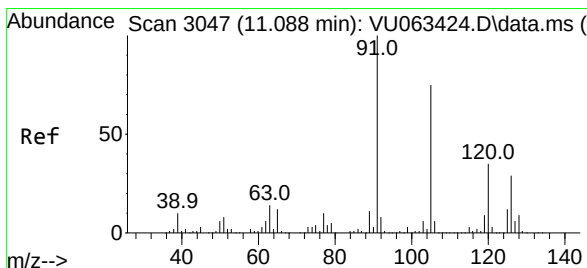
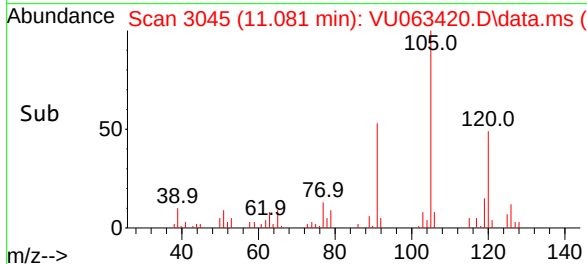
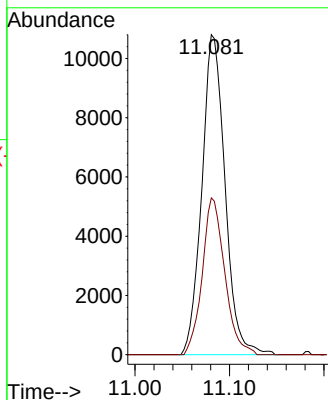
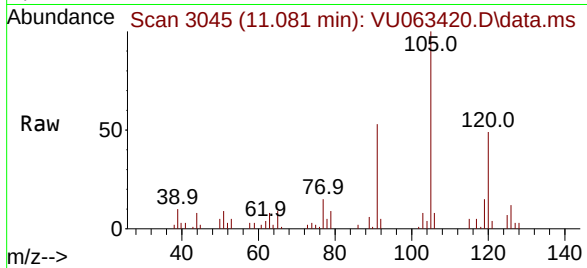
#75
1,3,5-Trimethylbenzene
Concen: 0.635 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:105 Resp: 1840
Ion Ratio Lower Upper
105 100
120 47.5 37.0 55.4

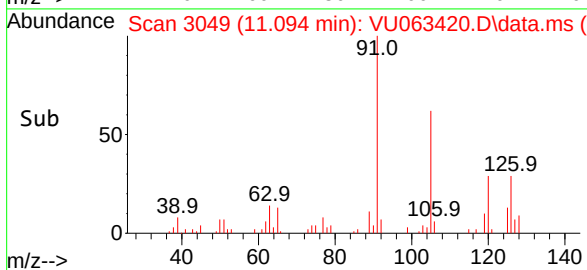
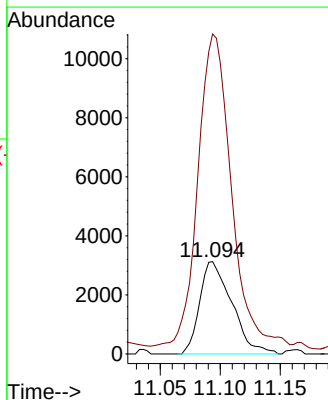
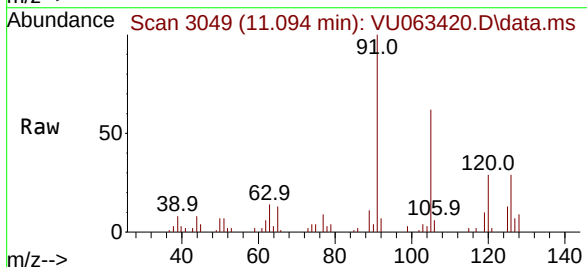
Manual Integrations
APPROVED

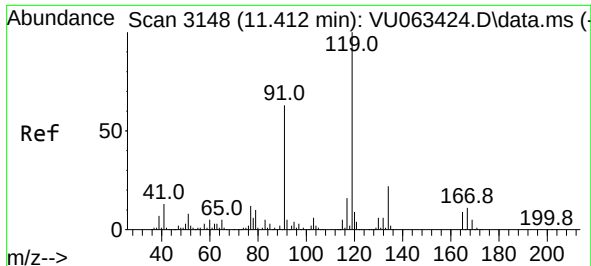
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#76
4-Chlorotoluene
Concen: 0.348 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.006 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

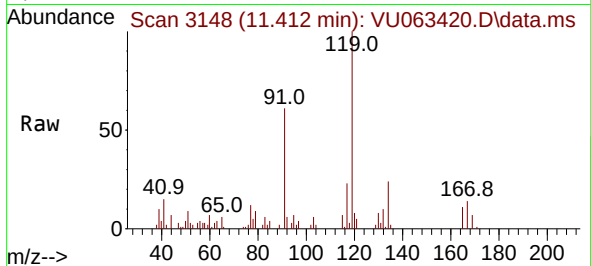
Tgt Ion:126 Resp: 5825
Ion Ratio Lower Upper
126 100
91 350.8 0.0 713.2





#77
tert-Butylbenzene
Concen: 0.369 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

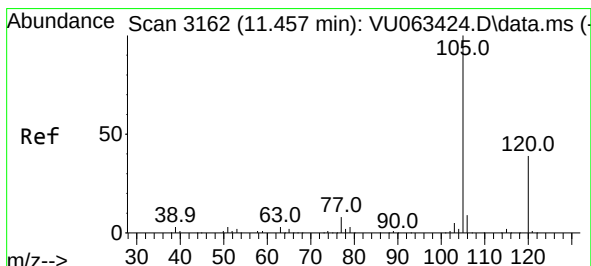
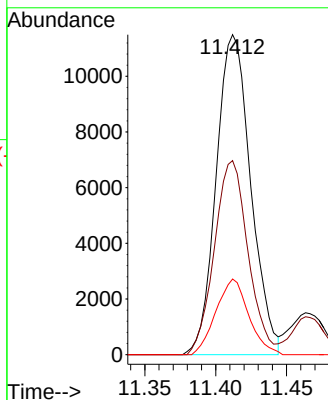
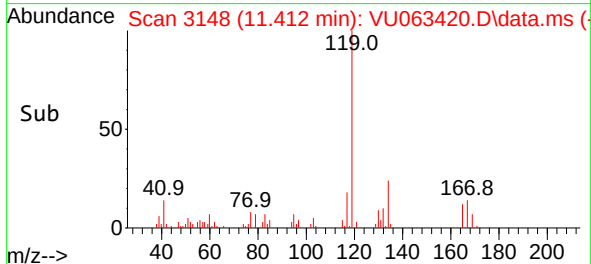
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



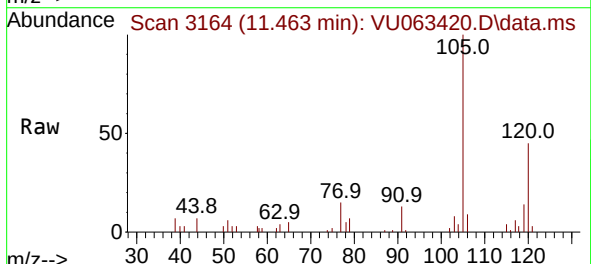
Tgt Ion:119 Resp: 19530
Ion Ratio Lower Upper
119 100
91 58.8 30.9 92.7
134 22.5 17.9 26.9

Manual Integrations
APPROVED

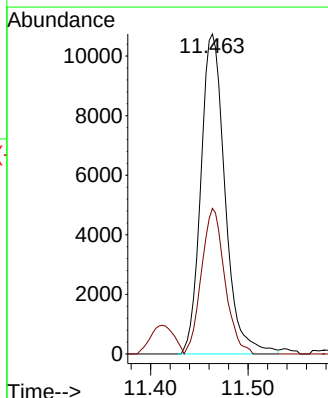
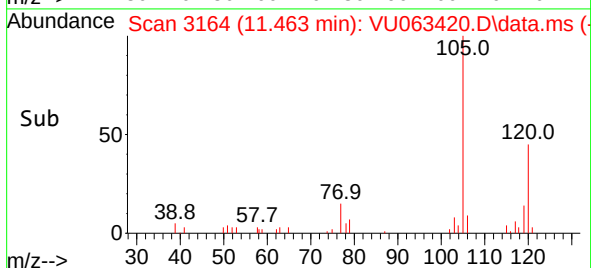
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

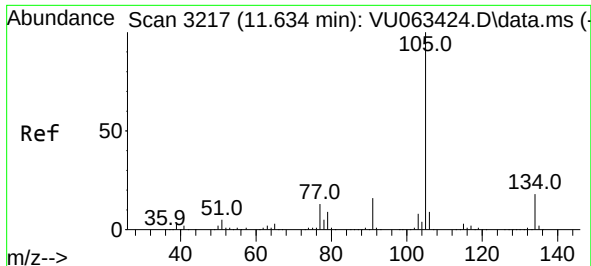


#78
1,2,4-Trimethylbenzene
Concen: 0.673 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03



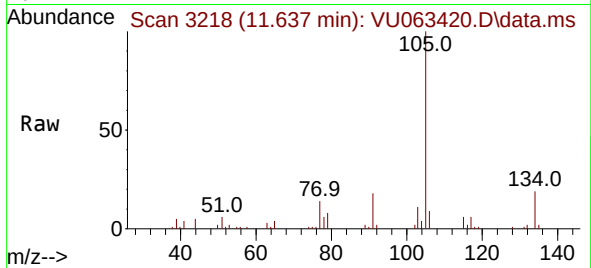
Tgt Ion:105 Resp: 18507
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.5





#79
 sec-Butylbenzene
 Concen: 0.341 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063420.D
 Acq: 23 Jun 2025 10:03

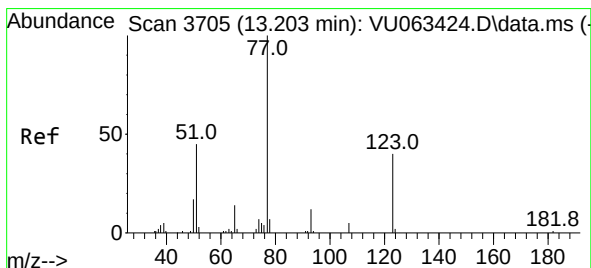
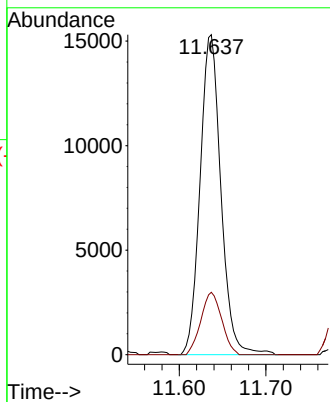
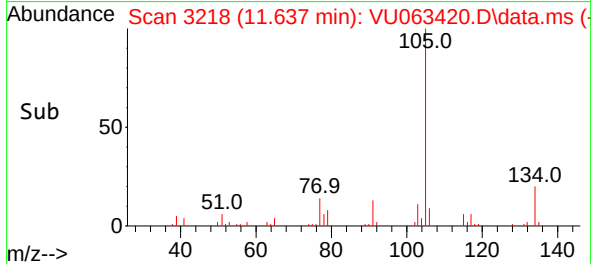
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



Tgt Ion:105 Resp: 2555
 Ion Ratio Lower Upper
 105 100
 134 19.5 14.8 22.2

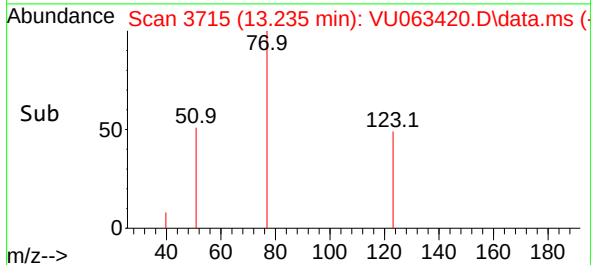
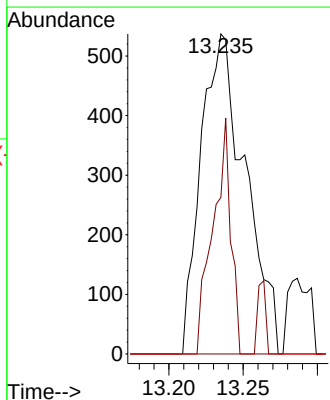
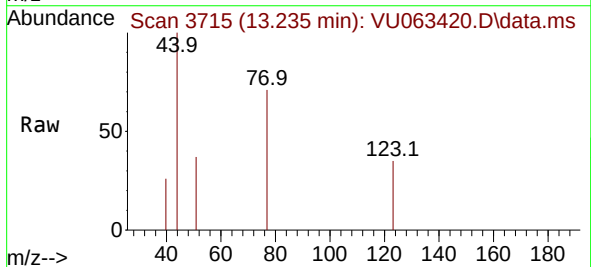
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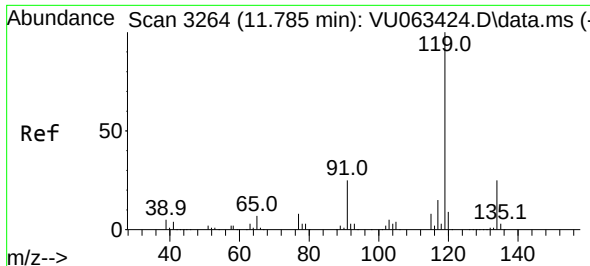
Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025



#80
 Nitrobenzene
 Concen: 2.748 ug/l
 RT: 13.235 min Scan# 3715
 Delta R.T. 0.032 min
 Lab File: VU063420.D
 Acq: 23 Jun 2025 10:03

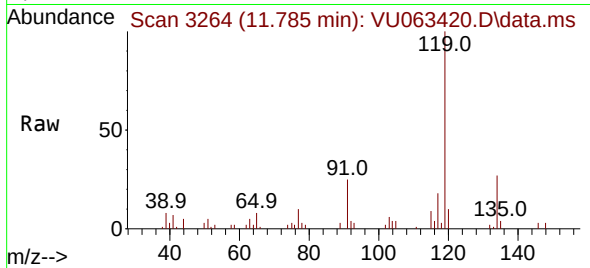
Tgt Ion: 77 Resp: 1117
 Ion Ratio Lower Upper
 77 100
 123 29.6 19.6 69.6
 65 0.0 10.6 13.4#





#81
p-Isopropyltoluene
Concen: 0.669 ug/l
RT: 11.785 min Scan# 3126
Delta R.T. -0.000 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

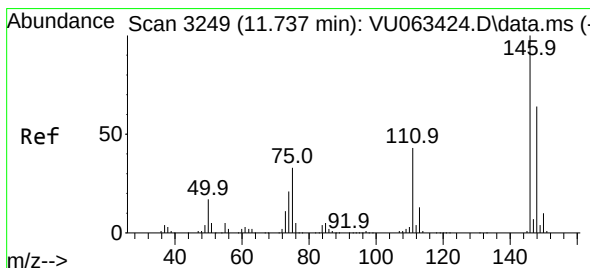
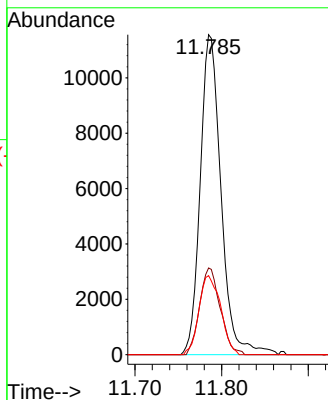
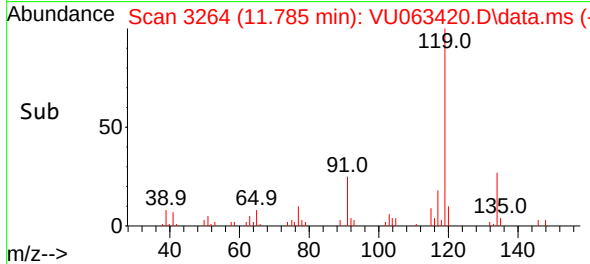
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



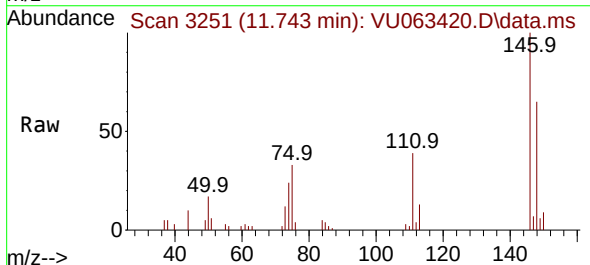
Tgt Ion:119 Resp: 1926
Ion Ratio Lower Upper
119 100
134 26.9 20.2 30.2
91 25.7 19.7 29.5

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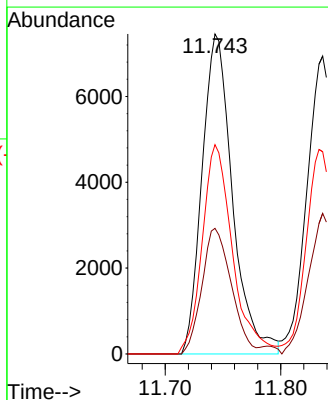
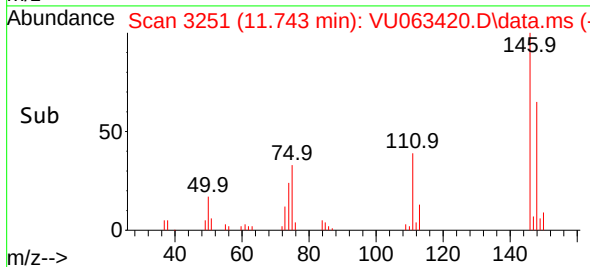
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

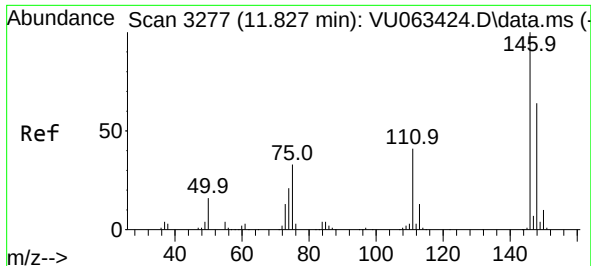


#82
1,3-Dichlorobenzene
Concen: 0.407 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03



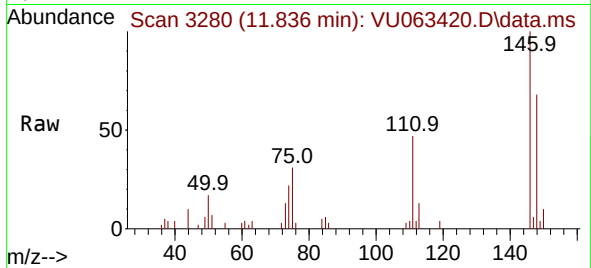
Tgt Ion:146 Resp: 13634
Ion Ratio Lower Upper
146 100
111 37.9 34.3 51.5
148 65.1 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 0.382 ug/l m
RT: 11.836 min Scan# 31
Delta R.T. 0.009 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

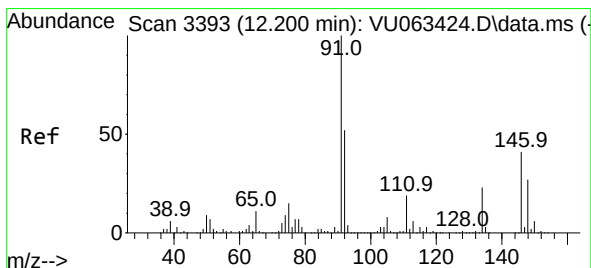
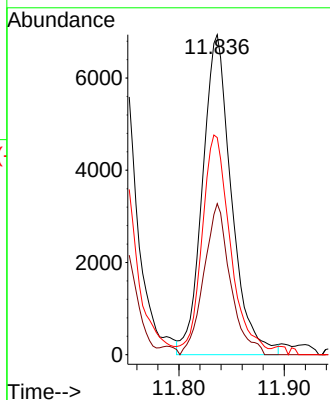
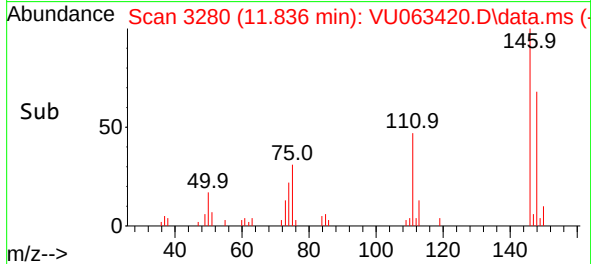
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



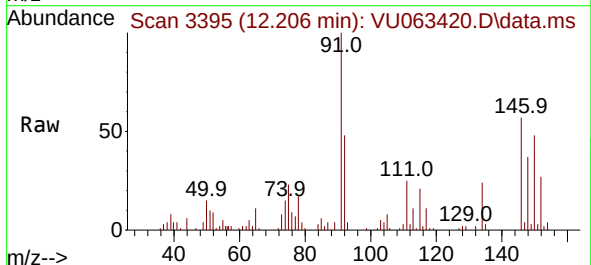
Tgt Ion:146 Resp: 13249
Ion Ratio Lower Upper
146 100
111 43.1 31.7 47.5
148 63.7 51.4 77.0

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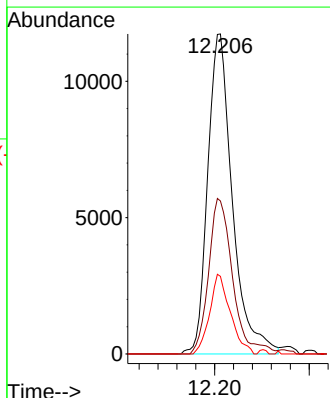
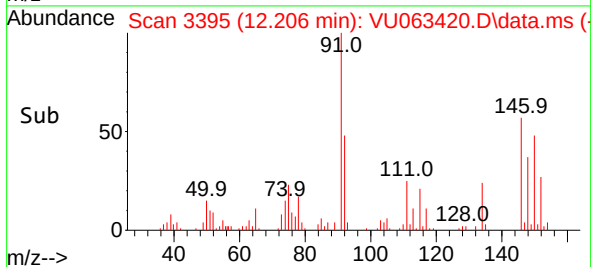
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

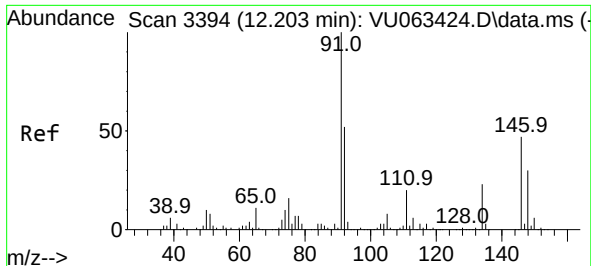


#84
n-Butylbenzene
Concen: 0.346 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.006 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03



Tgt Ion: 91 Resp: 21251
Ion Ratio Lower Upper
91 100
92 47.2 41.0 61.6
134 20.9 18.5 27.7





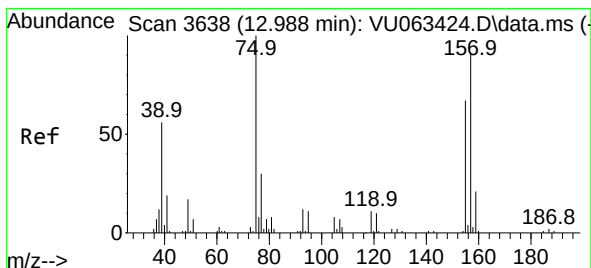
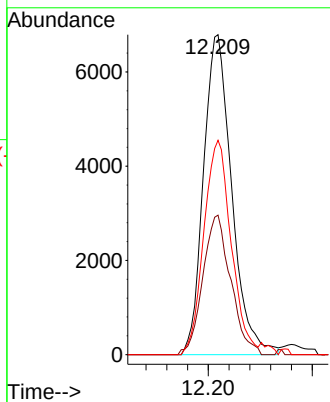
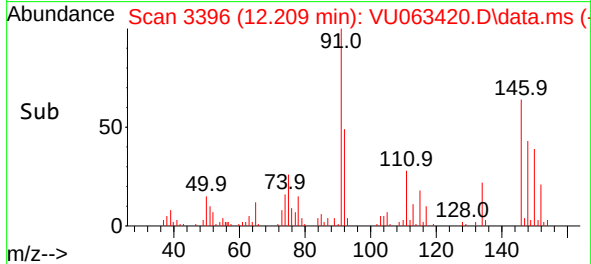
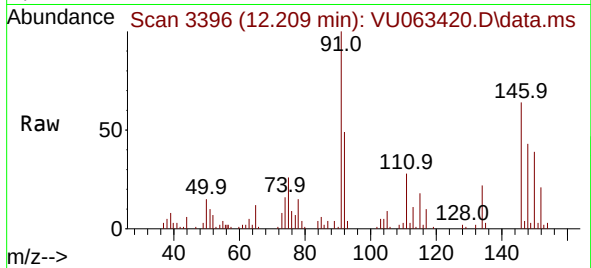
#85
1,2-Dichlorobenzene
Concen: 0.399 ug/l
RT: 12.209 min Scan# 3394
Delta R.T. 0.006 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 1279
Ion Ratio Lower Upper
146 100
111 43.0 21.8 65.4
148 65.0 32.3 96.9

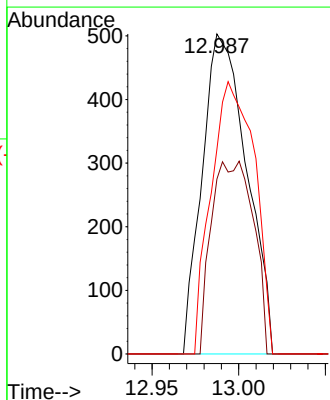
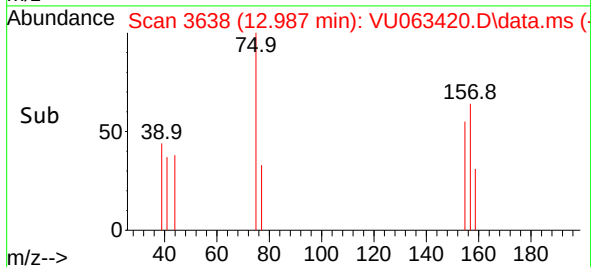
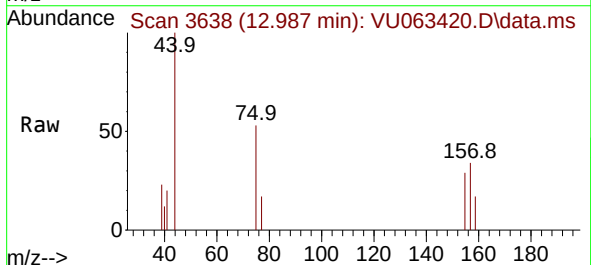
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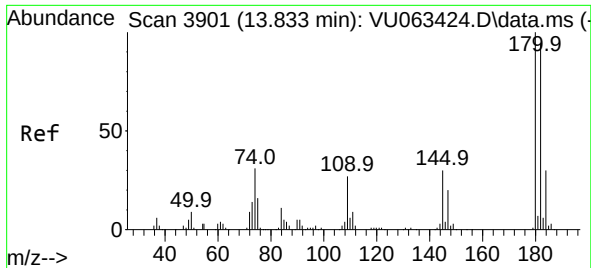
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.391 ug/l
RT: 12.987 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

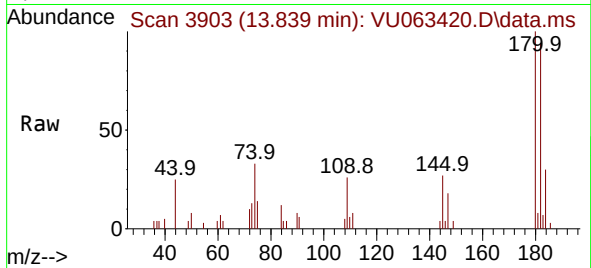
Tgt Ion: 75 Resp: 900
Ion Ratio Lower Upper
75 100
155 56.8 59.7 89.5#
157 83.1 75.0 112.4





#87
1,2,4-Trichlorobenzene
Concen: 0.391 ug/l
RT: 13.839 min Scan# 3901
Delta R.T. 0.006 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03

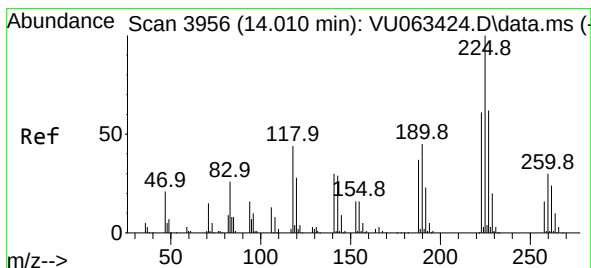
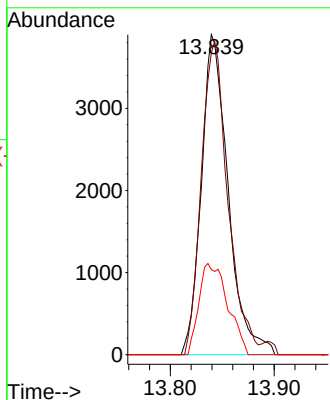
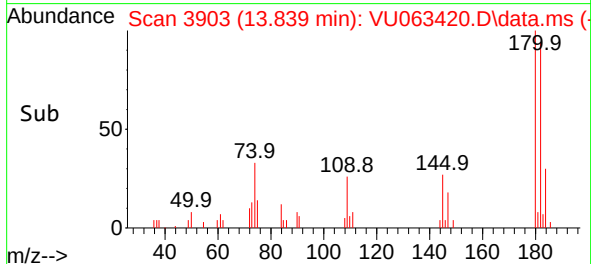
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



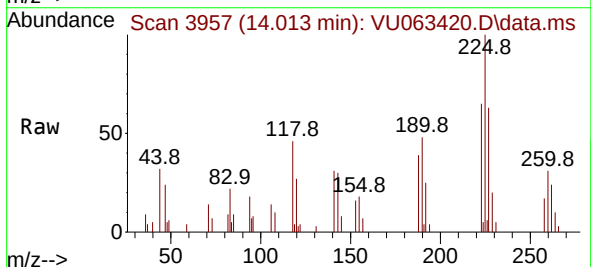
Tgt Ion:180 Resp: 6988
Ion Ratio Lower Upper
180 100
182 96.7 75.6 113.4
145 30.5 24.6 36.8

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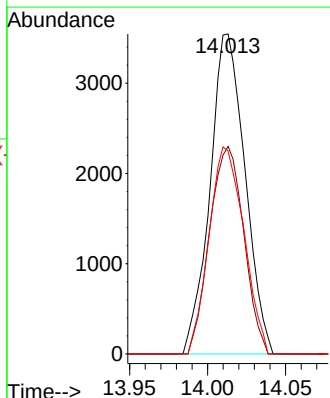
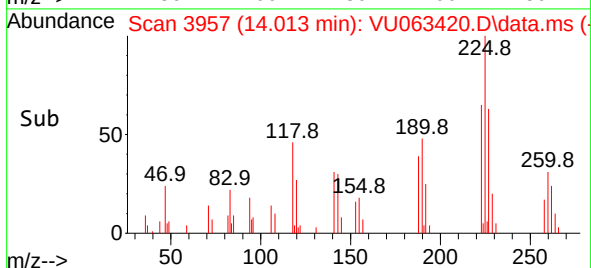
Reviewed By :Mahesh Dadoda 06/25/2025
Supervised By :Semsettin Yesilyurt 06/25/2025

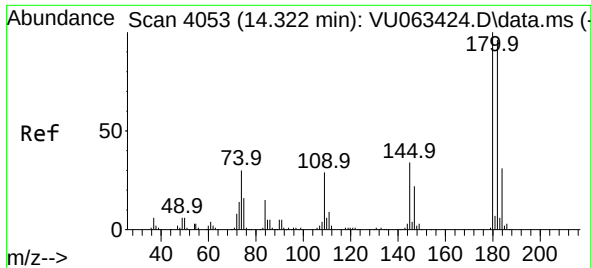


#88
Hexachlorobutadiene
Concen: 0.438 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.003 min
Lab File: VU063420.D
Acq: 23 Jun 2025 10:03



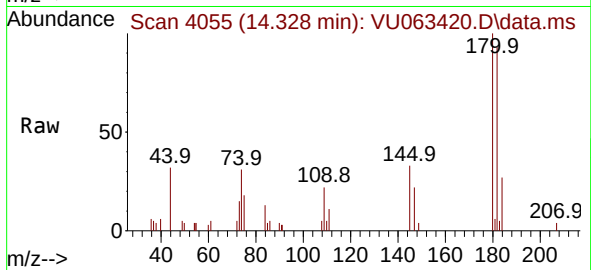
Tgt Ion:225 Resp: 5542
Ion Ratio Lower Upper
225 100
223 63.1 50.0 75.0
227 64.3 51.5 77.3





#90
 1,2,3-Trichlorobenzene
 Concen: 0.364 ug/l
 RT: 14.328 min Scan# 4053
 Delta R.T. 0.006 min
 Lab File: VU063420.D
 Acq: 23 Jun 2025 10:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



Tgt Ion:180 Resp: 6460
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.7 115.1
 145 36.5 27.4 41.2

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Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025

