

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071625\
 Data File : VU063511.D
 Acq On : 16 Jul 2025 09:24
 Operator : MD/SY
 Sample : VSTDICC0.5
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC0.5

Quant Time: Jul 17 03:21:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:16:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Fluorobenzene	6.100	96	25423	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	9489	0.986	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	8092	0.909	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	3779	0.504	ug/l	95
3) Chloromethane	1.518	50	3425	0.492	ug/l	97
4) Vinyl Chloride	1.599	62	4301	0.485	ug/l	98
5) Bromomethane	1.850	94	3492	0.522	ug/l	92
6) Chloroethane	1.927	64	2643	0.493	ug/l	94
7) Trichlorofluoromethane	2.129	101	6269	0.492	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	3157	0.474	ug/l	97
9) 1,1-Dichloroethene	2.570	96	3303	0.500	ug/l	91
11) Allyl Chloride	2.911	41	4399	0.461	ug/l	97
12) Acrylonitrile	3.309	53	1715m	1.038	ug/l	
13) Acetone	2.618	43	3474	2.627	ug/l	98
14) Carbon Disulfide	2.782	76	10386	0.487	ug/l	99
15) Methylene Chloride	3.030	84	4161	0.535	ug/l	97
16) trans-1,2-Dichloroethene	3.338	96	3653	0.487	ug/l	92
17) 1,1-Dichloroethane	3.853	63	6739	0.485	ug/l	99
18) 2-Butanone	4.711	43	5053	2.467	ug/l	99
19) Cyclohexane	5.364	56	5734	0.487	ug/l	94
20) Methylcyclohexane	6.740	83	5613	0.491	ug/l	97
21) 2,2-Dichloropropane	4.644	77	6127	0.518	ug/l	97
22) cis-1,2-Dichloroethene	4.647	96	3941	0.484	ug/l	95
23) Diethyl Ether	2.370	59	2188	0.435	ug/l #	82
25) Methyl tert-Butyl Ether	3.361	73	8075	0.469	ug/l #	91
26) Bromochloromethane	4.956	128	1623	0.478	ug/l	93
27) Chloroform	5.075	83	7007	0.494	ug/l	98
28) 1,1,1-Trichloroethane	5.296	97	5809	0.483	ug/l	99
29) 1,1-Dichloropropene	5.505	75	5244	0.470	ug/l #	91
30) Carbon Tetrachloride	5.505	117	4239	0.438	ug/l	95
31) Isopropyl Ether	3.994	45	10123	0.483	ug/l	100
32) Ethyl-t-butyl ether	4.502	59	9396	0.484	ug/l	97
33) Tert-Amyl methyl ether	5.943	73	8680	0.515	ug/l	97
34) Propionitrile	4.779	54	1601m	2.565	ug/l	
35) Benzene	5.759	78	15477	0.517	ug/l	96
36) 1,2-Dichloroethane	5.782	62	4577	0.492	ug/l	99
37) Trichloroethene	6.528	130	3989	0.522	ug/l	95
38) 1,2-Dichloropropane	6.782	63	2987	0.426	ug/l	91
39) Methacrylonitrile	4.981	41	1767m	0.645	ug/l	
40) Methyl acrylate	4.846	55	2059	0.508	ug/l #	88
41) Tetrahydrofuran	5.062	42	2008	1.376	ug/l #	77
42) 1-Chlorobutane	5.441	56	7303	0.493	ug/l	93
43) Dibromomethane	6.907	93	1679	0.462	ug/l	94
44) Bromodichloromethane	7.097	83	3861	0.471	ug/l	95
45) 4-Methyl-2-Pentanone	7.801	43	8613	2.301	ug/l	98
46) t-1,4-Dichloro-2-butene	10.827	75	1314m	0.990	ug/l	

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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDICC0.5

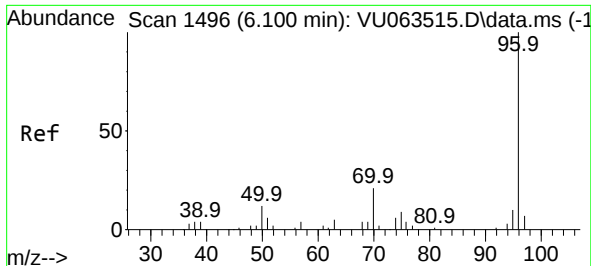
Quant Time: Jul 17 03:21:22 2025
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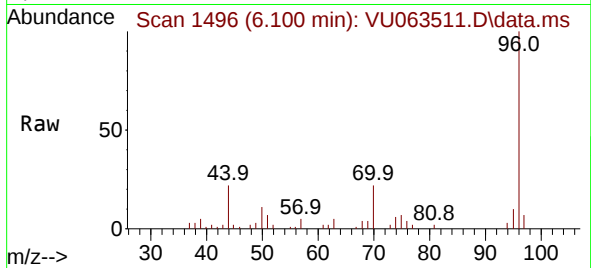
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.968	69	2712	0.889	ug/l	89
48) Ethyl methacrylate	8.341	69	2622	0.451	ug/l	82
49) Toluene	7.965	92	7397	0.452	ug/l	100
50) t-1,3-Dichloropropene	8.209	75	2708	0.421	ug/l	94
51) cis-1,3-Dichloropropene	7.602	75	3613	0.419	ug/l	93
52) 1,1,2-Trichloroethane	8.396	97	2194	0.449	ug/l	94
53) 1,3-Dichloropropane	8.570	76	3944	0.467	ug/l	96
54) 2-Hexanone	8.698	43	5691	2.289	ug/l	98
55) Dibromochloromethane	8.804	129	2097	0.406	ug/l	97
56) 1,2-Dibromoethane	8.920	107	2089	0.477	ug/l	92
58) Tetrachloroethene	8.544	164	3225	0.461	ug/l	95
59) Chlorobenzene	9.441	112	8639	0.460	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.528	131	2686	0.445	ug/l	99
61) Pentachloroethane	11.418	117	1880	0.441	ug/l	98
62) Hexachloroethane	12.467	117	1703	0.403	ug/l	99
63) Ethyl Benzene	9.566	91	15188	0.470	ug/l	95
64) m/p-Xylenes	9.689	106	11672	0.929	ug/l	91
65) o-Xylene	10.094	106	5435	0.450	ug/l	100
66) Styrene	10.113	104	8244	0.429	ug/l	100
67) Bromoform	10.283	173	1214	0.458	ug/l #	90
69) Isopropylbenzene	10.476	105	12913	0.442	ug/l	94
70) 1,1,2,2-Tetrachloroethane	10.775	83	2820	0.474	ug/l #	87
71) 1,2,3-Trichloropropane	10.817	75	2178m	0.449	ug/l	
72) Bromobenzene	10.778	156	3609	0.479	ug/l	93
73) n-propylbenzene	10.901	120	3852	0.438	ug/l	93
74) 2-Chlorotoluene	10.981	126	3528	0.454	ug/l	96
75) 1,3,5-Trimethylbenzene	11.081	105	12281	0.441	ug/l	99
76) 4-Chlorotoluene	11.097	126	3423	0.434	ug/l	99
77) tert-Butylbenzene	11.412	119	12124	0.455	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	12110	0.438	ug/l	99
79) sec-Butylbenzene	11.637	105	15578	0.434	ug/l	98
80) Nitrobenzene	13.229	77	131	2.628	ug/l #	44
81) p-Isopropyltoluene	11.785	119	13001	0.433	ug/l	97
82) 1,3-Dichlorobenzene	11.743	146	6856	0.455	ug/l	97
83) 1,4-Dichlorobenzene	11.836	146	6510	0.432	ug/l	95
84) n-Butylbenzene	12.206	91	11864	0.427	ug/l	96
85) 1,2-Dichlorobenzene	12.206	146	6401	0.452	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.991	75	302	0.533	ug/l	88
87) 1,2,4-Trichlorobenzene	13.843	180	3867	0.439	ug/l	98
88) Hexachlorobutadiene	14.013	225	2280	0.456	ug/l	92
90) 1,2,3-Trichlorobenzene	14.331	180	3421	0.420	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

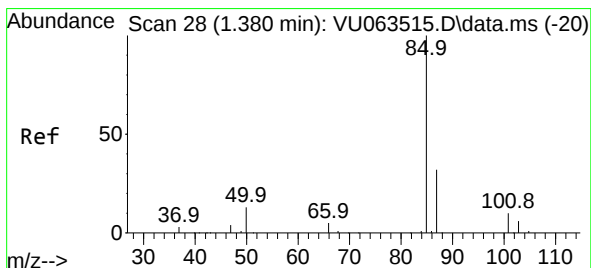
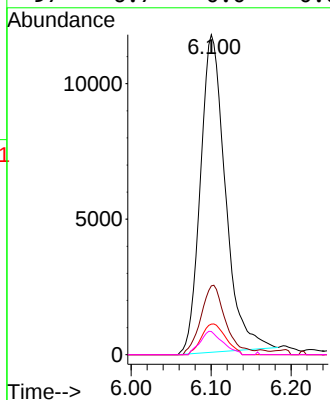
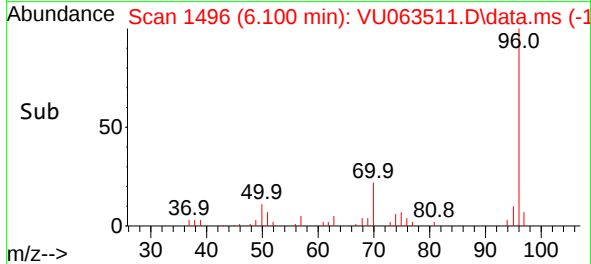
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 96 Resp: 2542
Ion Ratio Lower Upper
96 100
70 20.1 15.0 22.4
95 9.4 7.4 11.0
97 6.7 0.0 0.0#

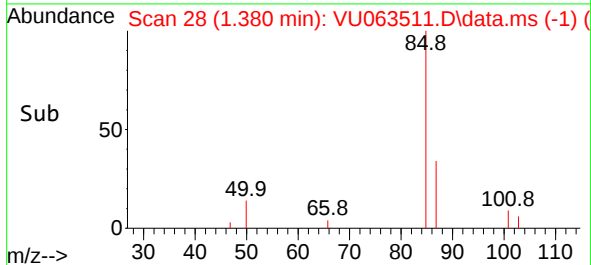
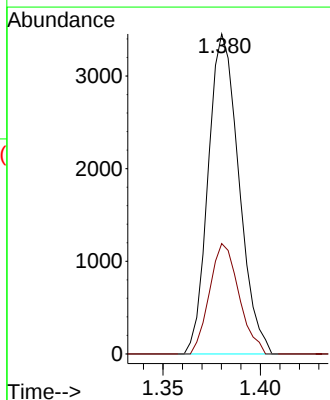
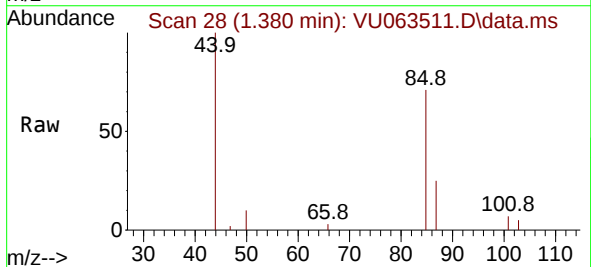
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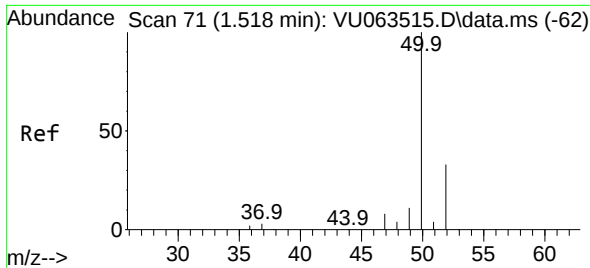
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#2
Dichlorodifluoromethane
Concen: 0.504 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion: 85 Resp: 3779
Ion Ratio Lower Upper
85 100
87 34.5 16.0 47.9





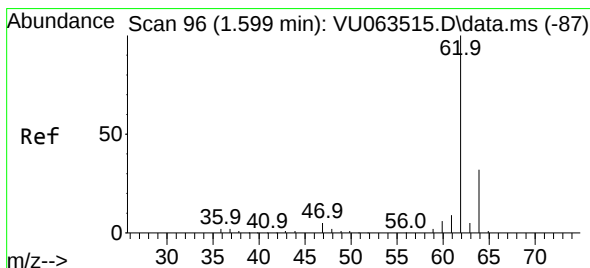
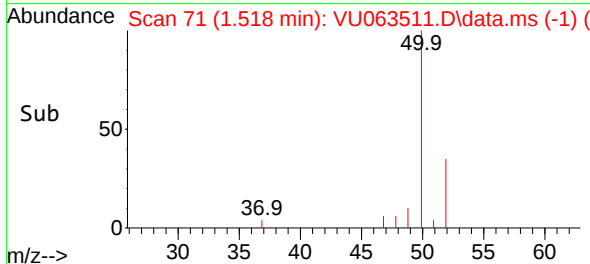
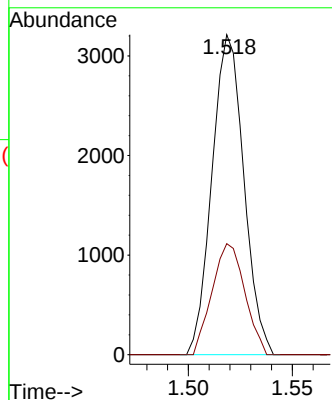
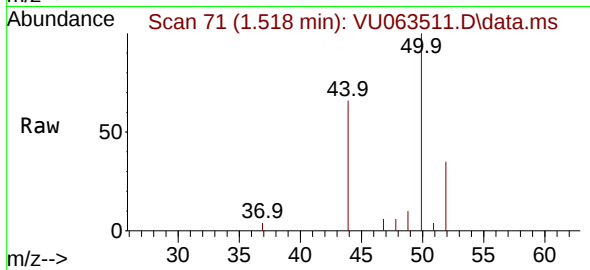
#3
Chloromethane
Concen: 0.492 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 50 Resp: 3429
Ion Ratio Lower Upper
50 100
52 34.7 26.3 39.5

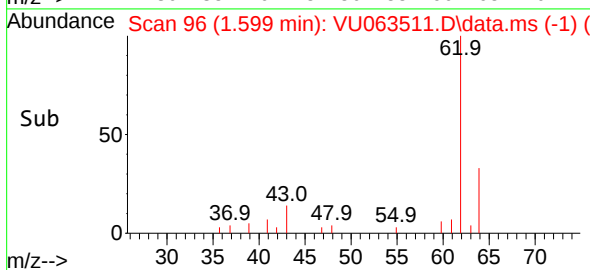
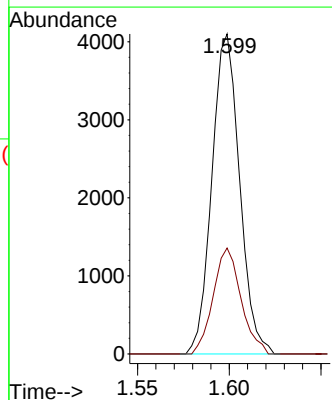
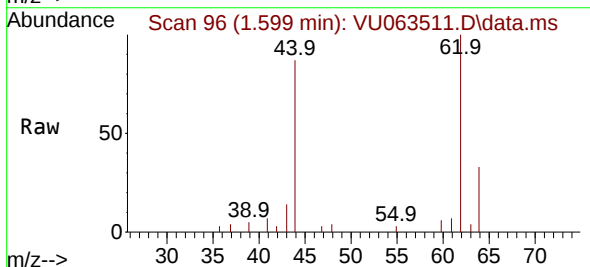
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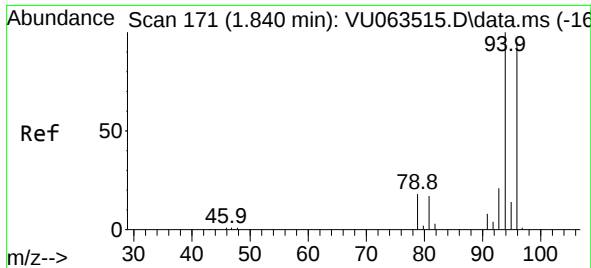
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#4
Vinyl Chloride
Concen: 0.485 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion: 62 Resp: 4301
Ion Ratio Lower Upper
62 100
64 33.1 25.7 38.5





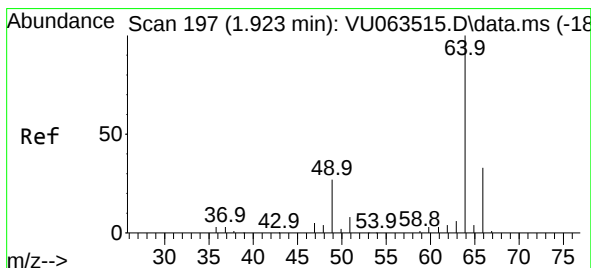
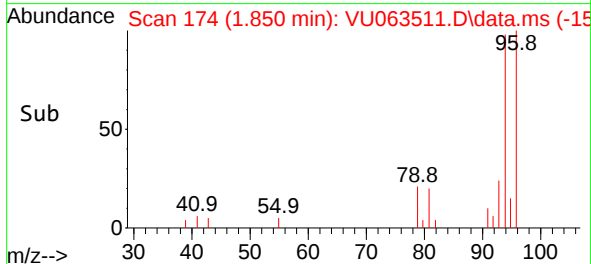
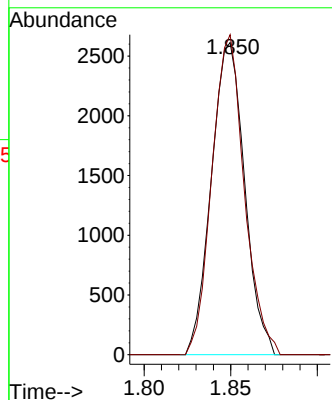
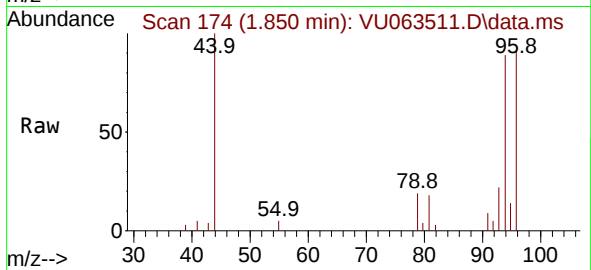
#5
Bromomethane
Concen: 0.522 ug/l
RT: 1.850 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 94 Resp: 349
Ion Ratio Lower Upper
94 100
96 102.5 75.8 113.6

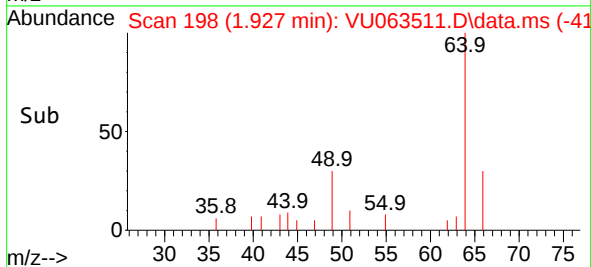
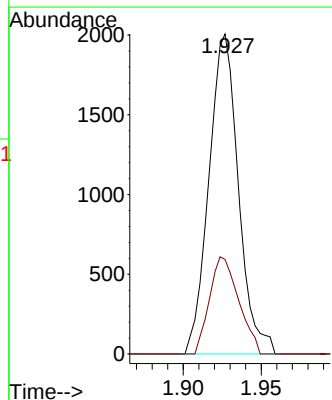
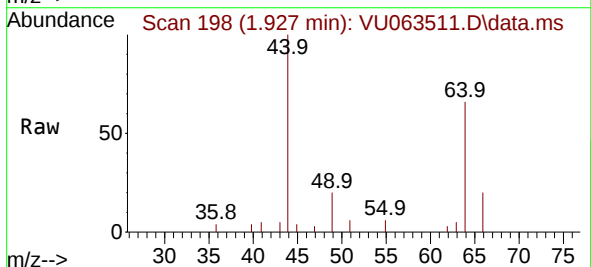
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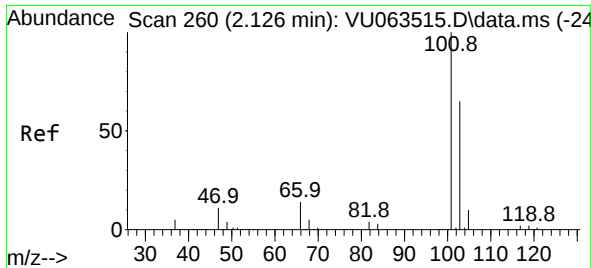
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#6
Chloroethane
Concen: 0.493 ug/l
RT: 1.927 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

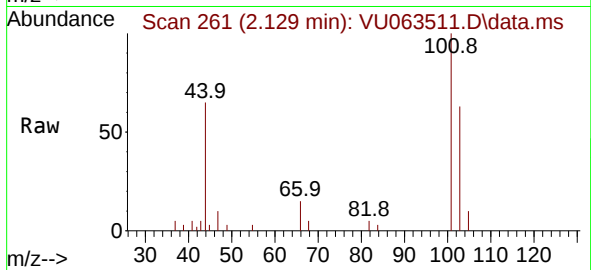
Tgt Ion: 64 Resp: 2643
Ion Ratio Lower Upper
64 100
66 29.5 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 0.492 ug/l
 RT: 2.129 min Scan# 210
 Delta R.T. 0.003 min
 Lab File: VU063511.D
 Acq: 16 Jul 2025 09:24

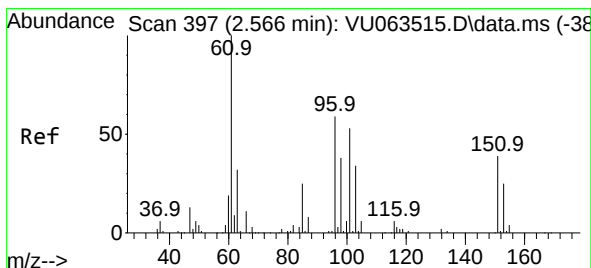
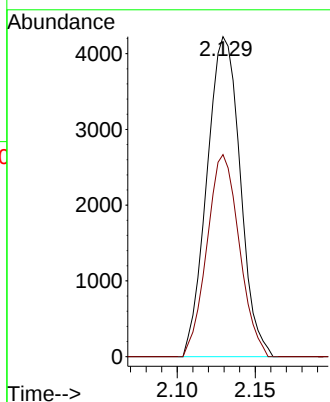
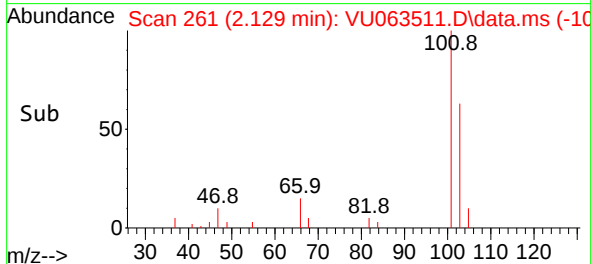
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



Tgt Ion:101 Resp: 6269
 Ion Ratio Lower Upper
 101 100
 103 63.2 52.2 78.4

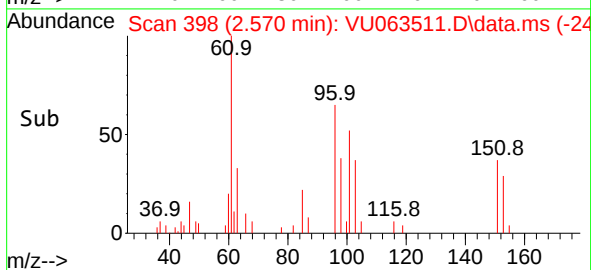
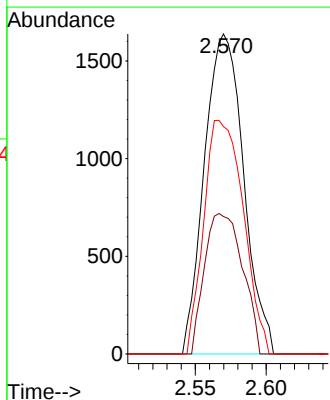
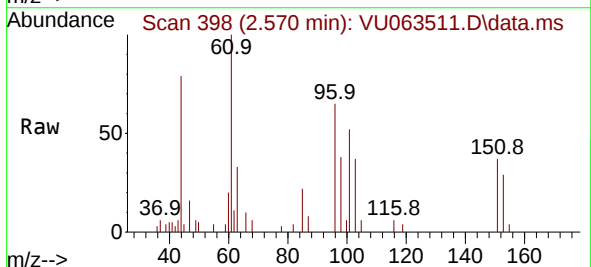
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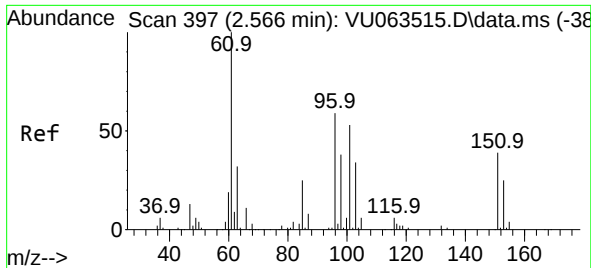
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.474 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. 0.003 min
 Lab File: VU063511.D
 Acq: 16 Jul 2025 09:24

Tgt Ion:101 Resp: 3157
 Ion Ratio Lower Upper
 101 100
 85 42.5 37.8 56.6
 151 73.3 59.2 88.8





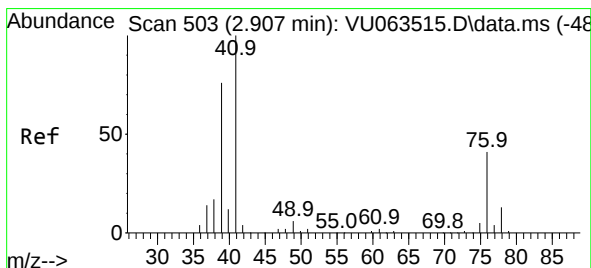
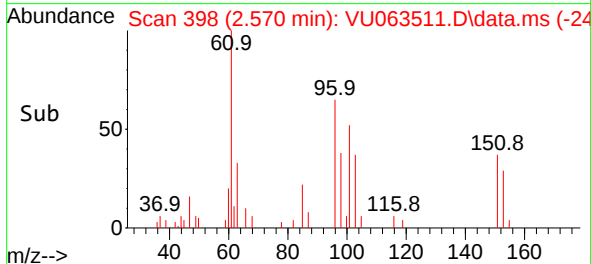
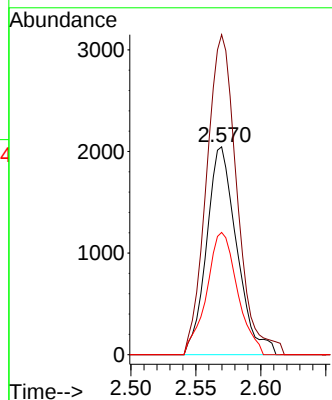
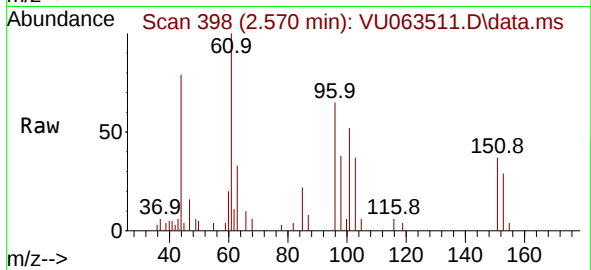
#9
1,1-Dichloroethene
Concen: 0.500 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 96 Resp: 330
Ion Ratio Lower Upper
96 100
61 154.0 0.0 504.3
98 58.8 0.0 126.8

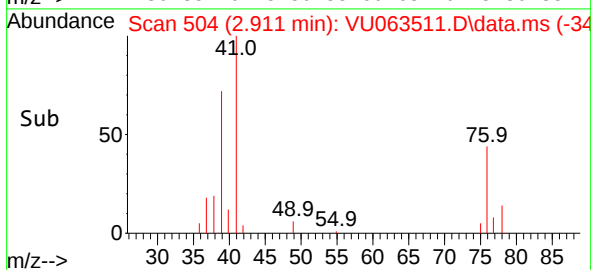
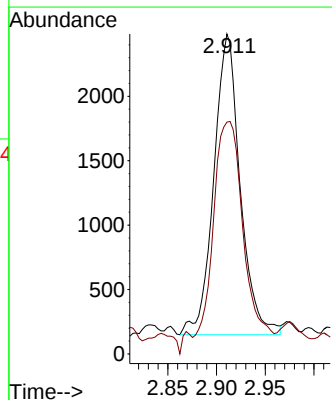
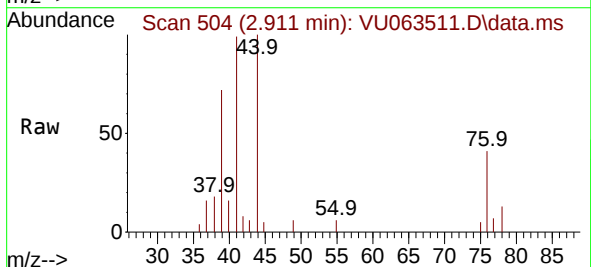
Manual Integrations
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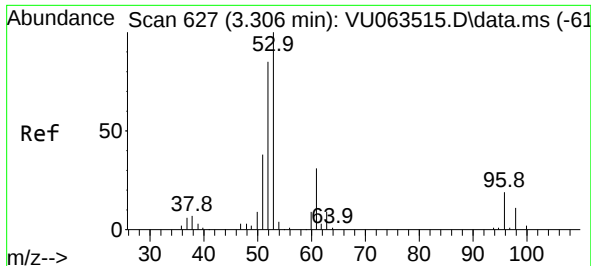
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#11
Allyl Chloride
Concen: 0.461 ug/l
RT: 2.911 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

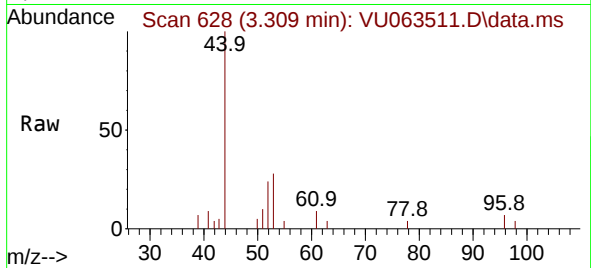
Tgt Ion: 41 Resp: 4399
Ion Ratio Lower Upper
41 100
39 79.3 61.5 92.3





#12
Acrylonitrile
Concen: 1.038 ug/l m
RT: 3.309 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

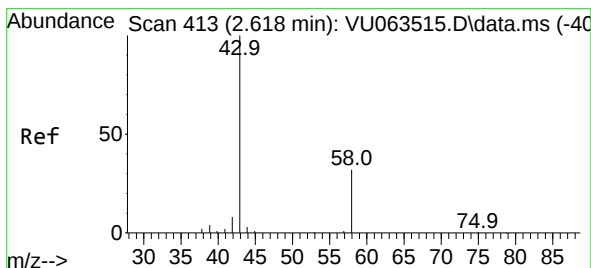
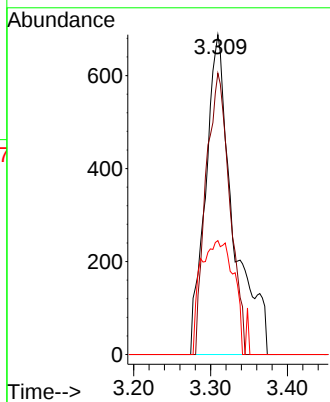
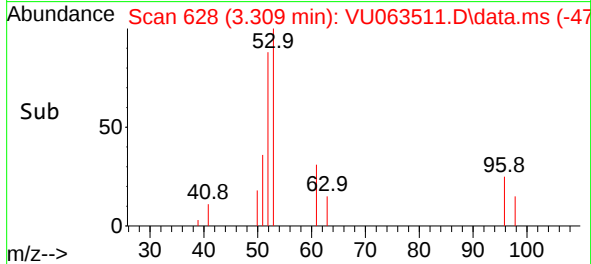
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 53 Resp: 1715
Ion Ratio Lower Upper
53 100
52 75.6 64.3 96.5
51 42.2 27.8 41.8

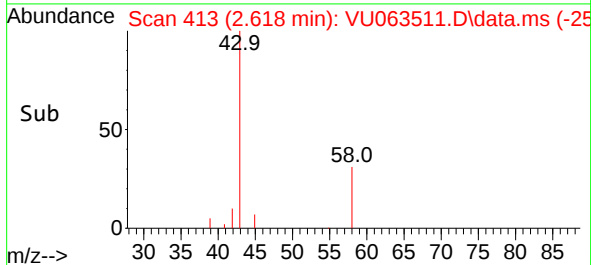
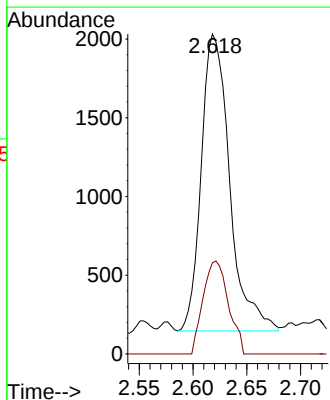
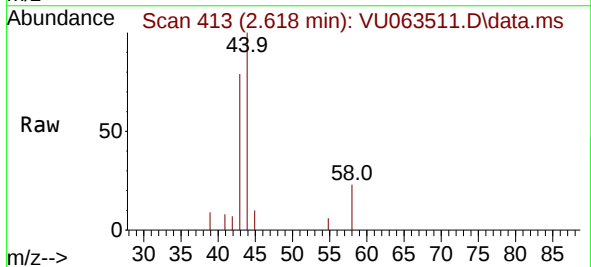
Manual Integrations
APPROVED

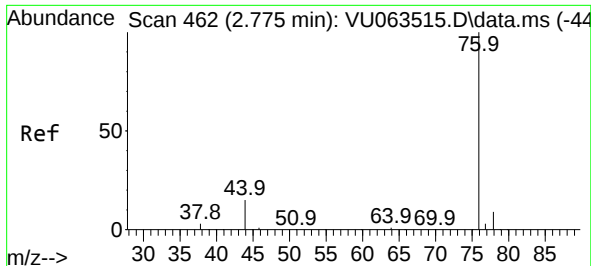
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#13
Acetone
Concen: 2.627 ug/l
RT: 2.618 min Scan# 413
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion: 43 Resp: 3474
Ion Ratio Lower Upper
43 100
58 30.7 25.4 38.0





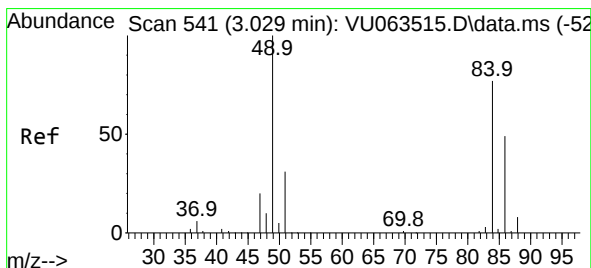
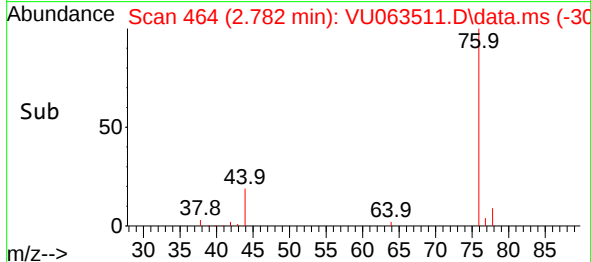
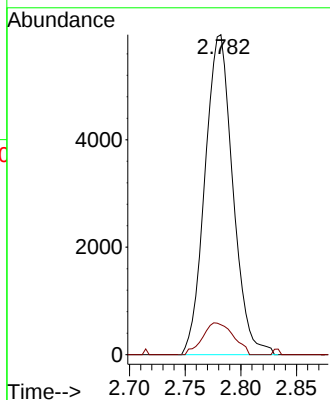
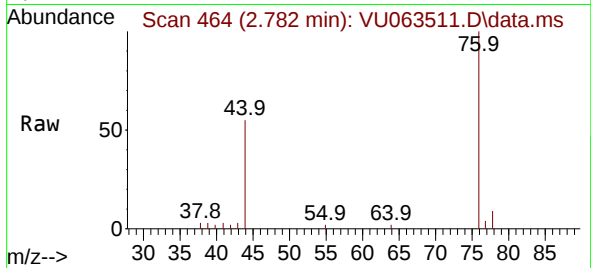
#14
Carbon Disulfide
Concen: 0.487 ug/l
RT: 2.782 min Scan# 464
Delta R.T. 0.007 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 76 Resp: 1038
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

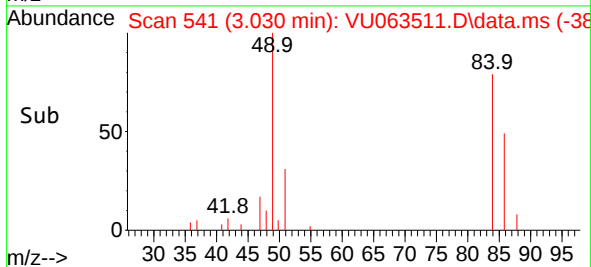
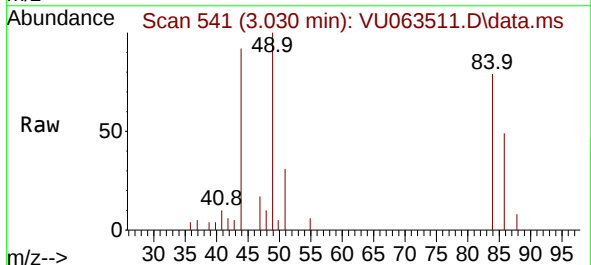
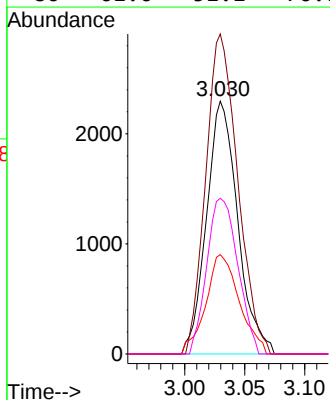
Manual Integrations
APPROVED

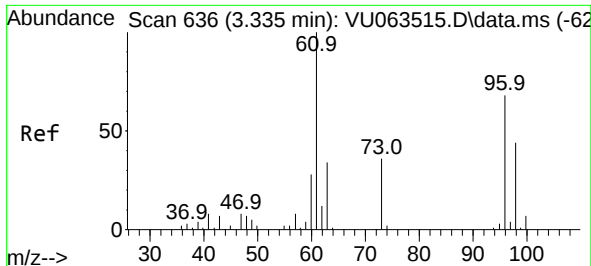
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#15
Methylene Chloride
Concen: 0.535 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

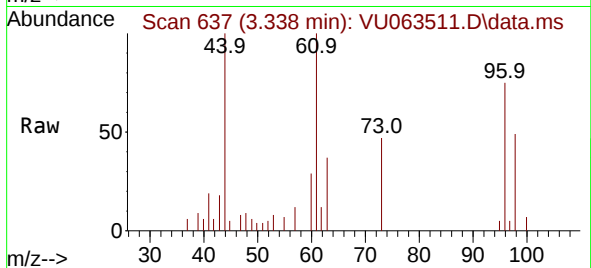
Tgt Ion: 84 Resp: 4161
Ion Ratio Lower Upper
84 100
49 126.6 103.8 155.8
51 39.3 0.0 80.4
86 61.6 51.1 76.7





#16
trans-1,2-Dichloroethene
Concen: 0.487 ug/l
RT: 3.338 min Scan# 611
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

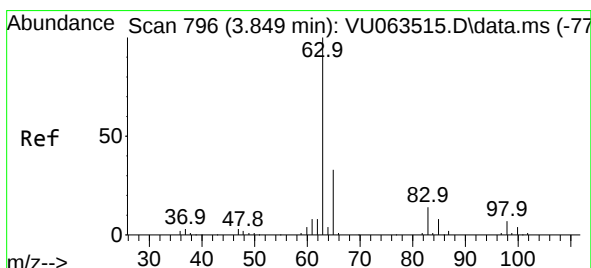
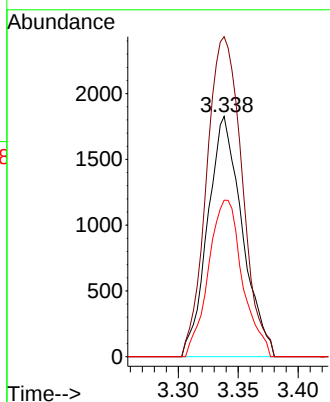
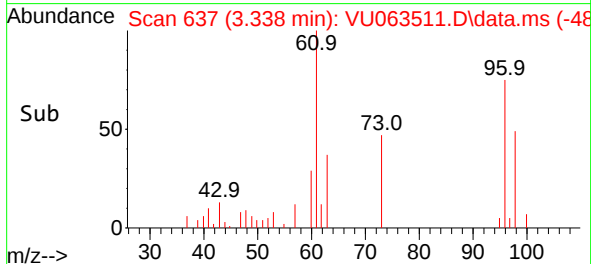
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



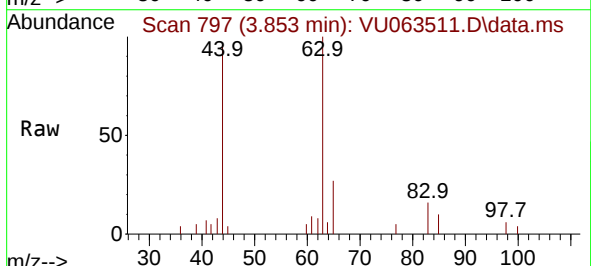
Tgt Ion: 96 Resp: 365
Ion Ratio Lower Upper
96 100
61 133.2 117.2 175.8
98 65.1 51.4 77.2

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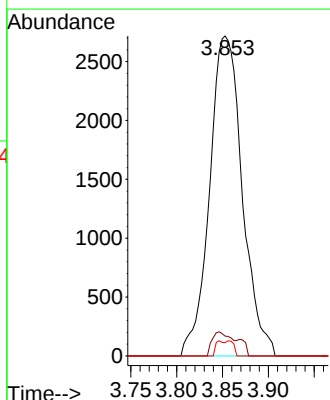
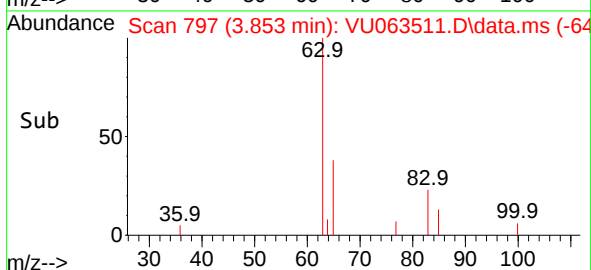
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

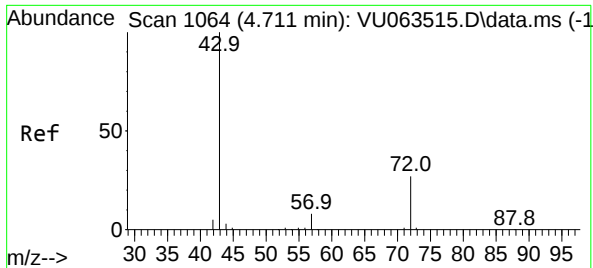


#17
1,1-Dichloroethane
Concen: 0.485 ug/l
RT: 3.853 min Scan# 797
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24



Tgt Ion: 63 Resp: 6739
Ion Ratio Lower Upper
63 100
98 6.2 3.4 10.2
100 4.2 2.1 6.2





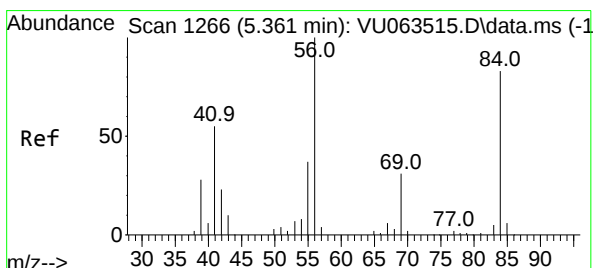
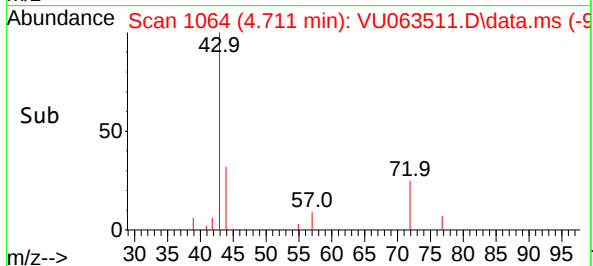
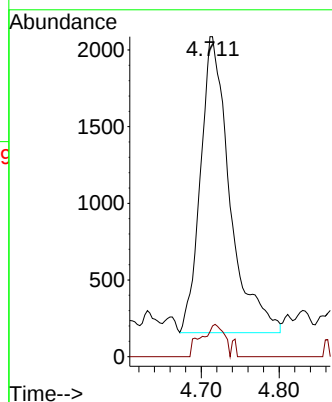
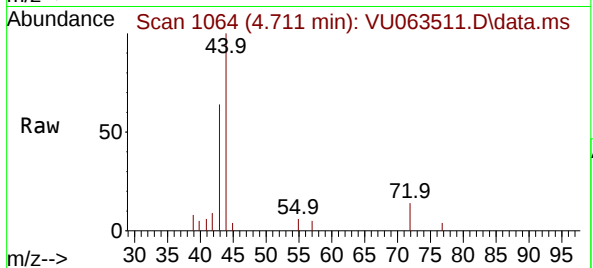
#18
2-Butanone
Concen: 2.467 ug/l
RT: 4.711 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 505
Ion Ratio Lower Upper
43 100
57 8.4 0.0 16.4

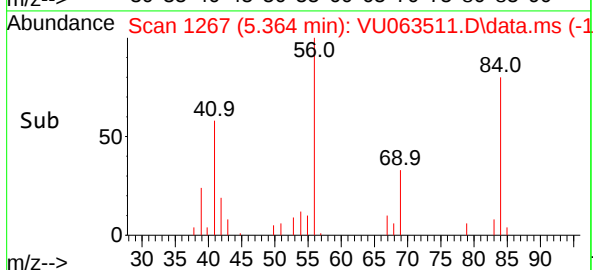
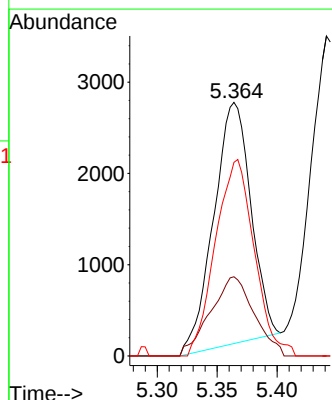
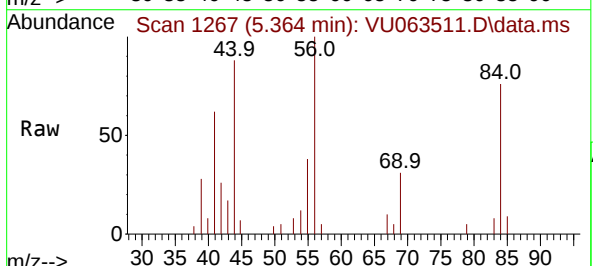
Manual Integrations
APPROVED

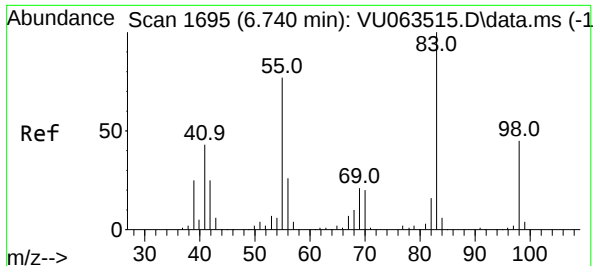
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#19
Cyclohexane
Concen: 0.487 ug/l
RT: 5.364 min Scan# 1267
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion: 56 Resp: 5734
Ion Ratio Lower Upper
56 100
69 38.3 26.6 39.8
84 84.7 71.0 106.4





#20

Methylcyclohexane

Concen: 0.491 ug/l

RT: 6.740 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

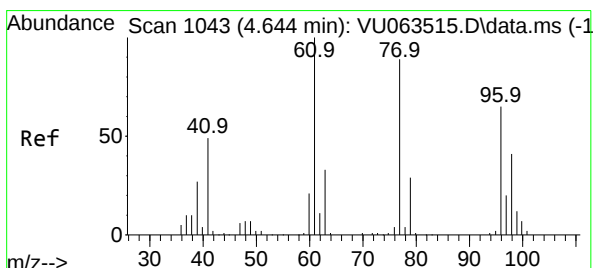
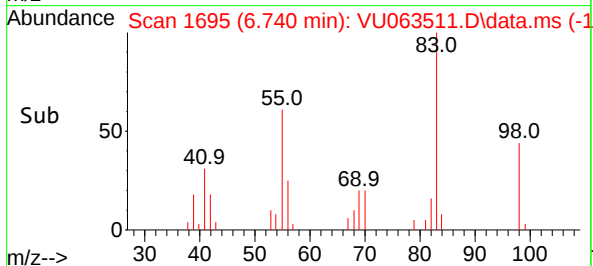
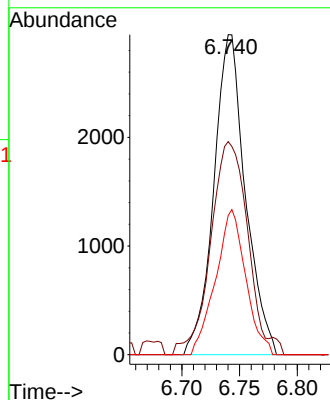
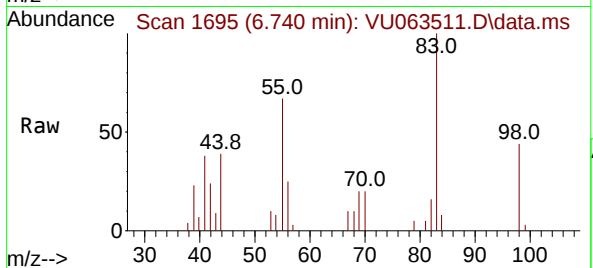
Tgt Ion: 83	Resp: 561
Ion Ratio	Lower Upper
83 100	
55 78.2	60.6 90.8
98 43.3	35.8 53.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#21

2,2-Dichloropropane

Concen: 0.518 ug/l

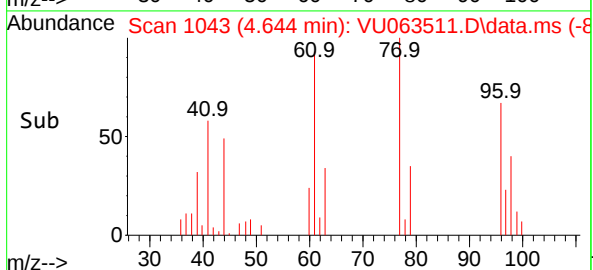
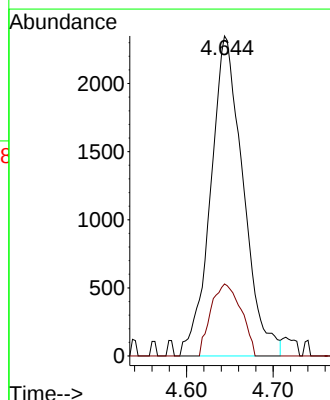
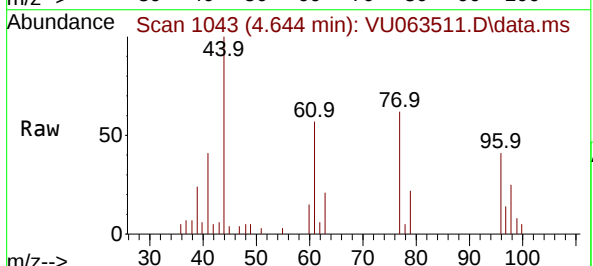
RT: 4.644 min Scan# 1043

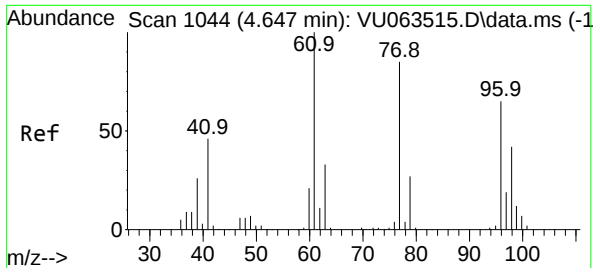
Delta R.T. 0.000 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

Tgt Ion: 77	Resp: 6127
Ion Ratio	Lower Upper
77 100	
97 20.9	17.8 26.8





#22

cis-1,2-Dichloroethene

Concen: 0.484 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

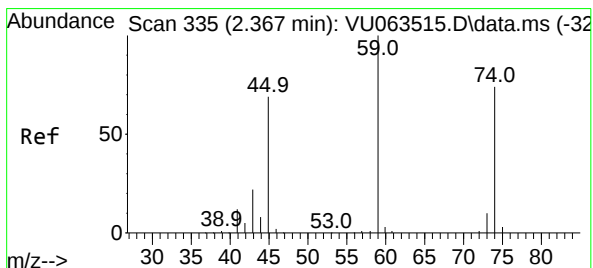
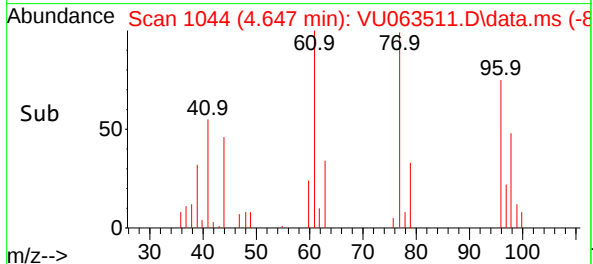
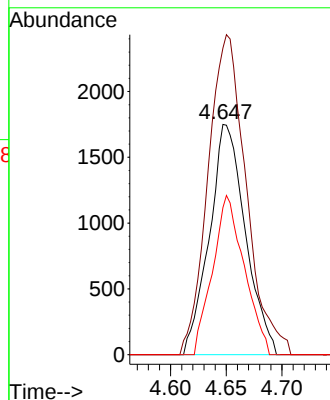
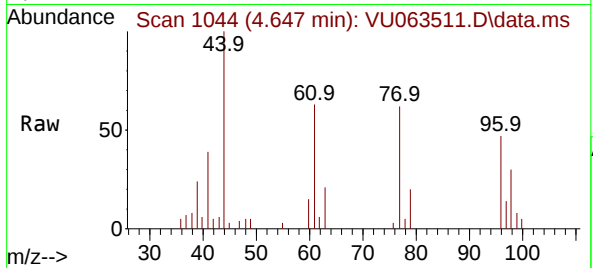
Tgt Ion: 96 Resp: 394

Ion	Ratio	Lower	Upper
96	100		
61	147.0	0.0	384.7
98	60.6	32.1	96.3

Manual Integrations

APPROVED

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



#23

Diethyl Ether

Concen: 0.435 ug/l

RT: 2.370 min Scan# 336

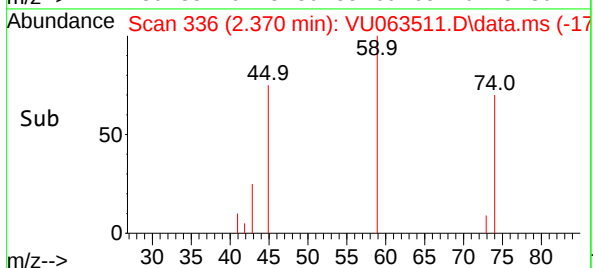
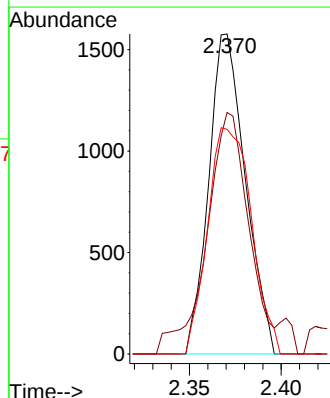
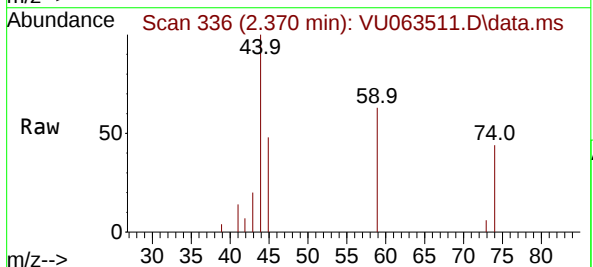
Delta R.T. 0.003 min

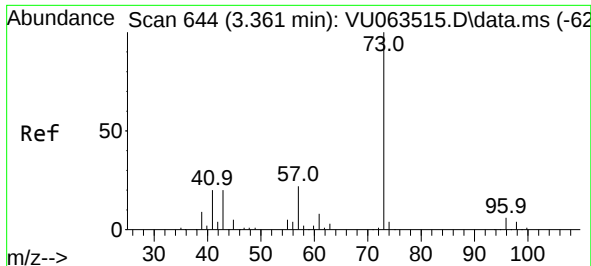
Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

Tgt Ion: 59 Resp: 2188

Ion	Ratio	Lower	Upper
59	100		
45	86.5	55.1	82.7#
74	84.3	58.2	87.4





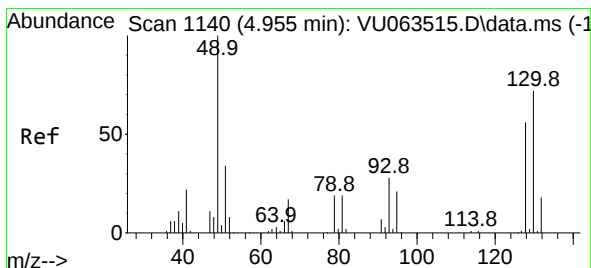
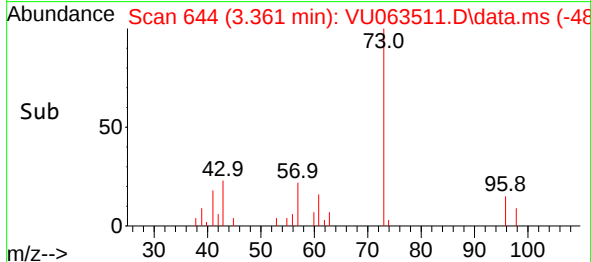
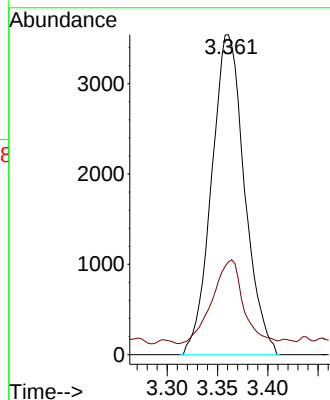
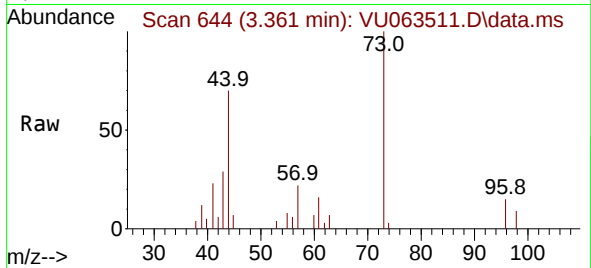
#25
Methyl tert-Butyl Ether
Concen: 0.469 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 73 Resp: 807
Ion Ratio Lower Upper
73 100
43 24.5 16.2 24.2

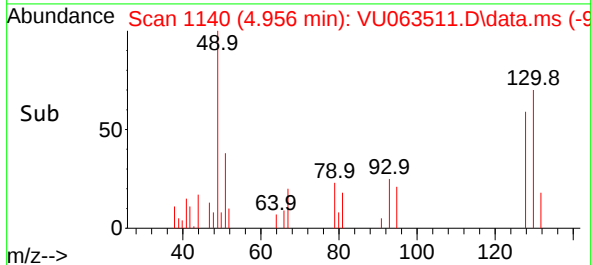
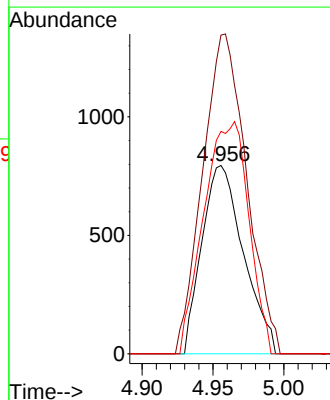
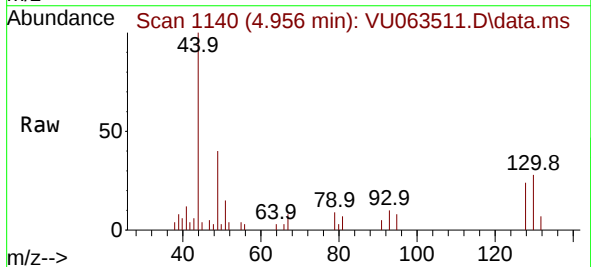
Manual Integrations
APPROVED

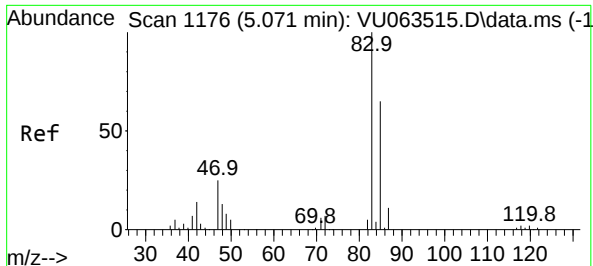
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#26
Bromochloromethane
Concen: 0.478 ug/l
RT: 4.956 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion:128 Resp: 1623
Ion Ratio Lower Upper
128 100
49 179.4 0.0 340.8
130 133.5 100.5 150.7





#27

Chloroform

Concen: 0.494 ug/l

RT: 5.075 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 83 Resp: 700

Ion Ratio Lower Upper

83 100

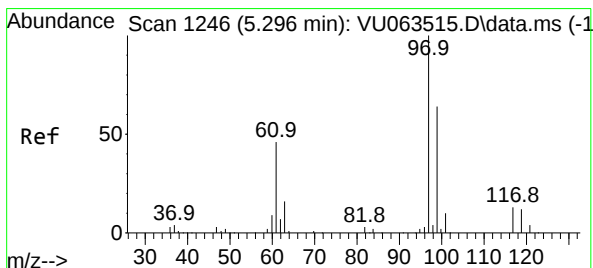
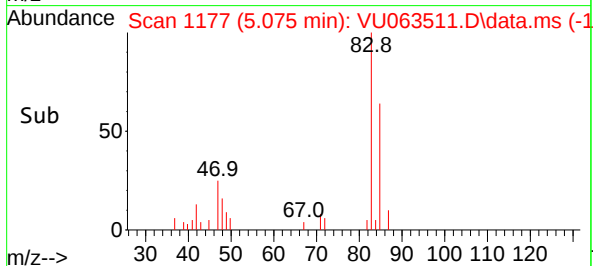
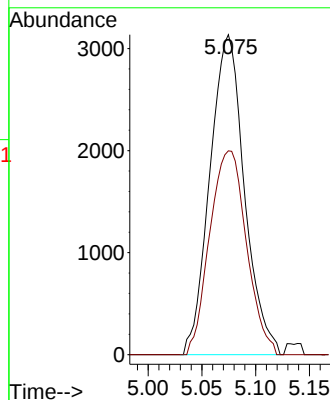
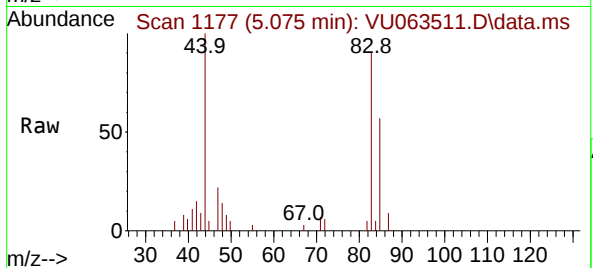
85 63.7 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#28

1,1,1-Trichloroethane

Concen: 0.483 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

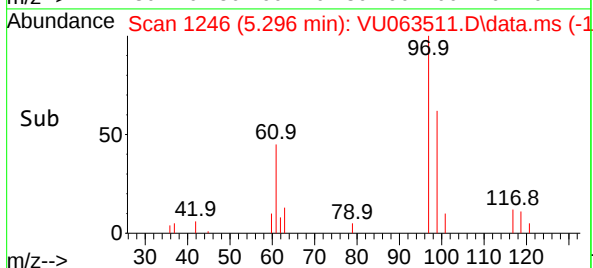
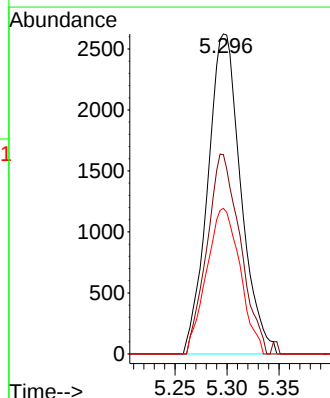
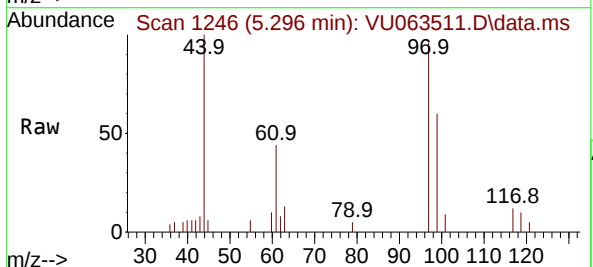
Tgt Ion: 97 Resp: 5809

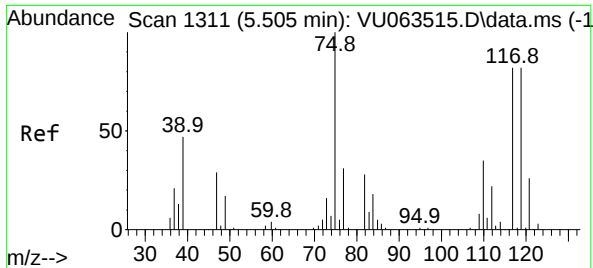
Ion Ratio Lower Upper

97 100

99 62.5 31.8 95.3

61 46.1 23.3 69.9





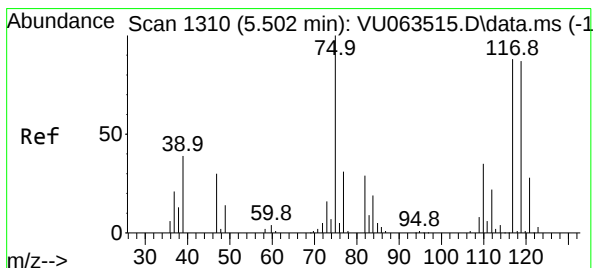
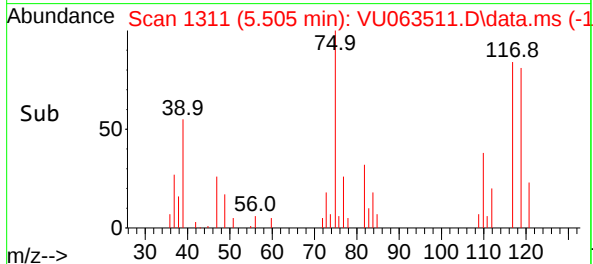
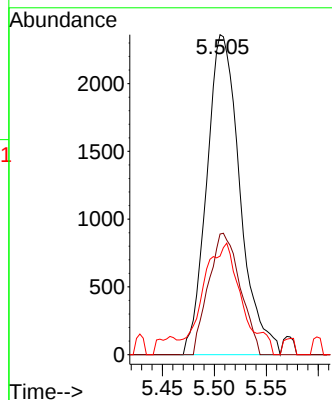
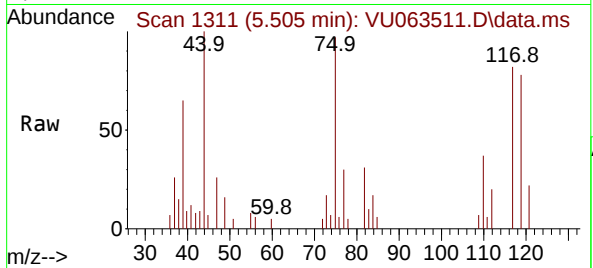
#29
1,1-Dichloropropene
Concen: 0.470 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 75 Resp: 5244
Ion Ratio Lower Upper
75 100
110 36.2 17.8 53.4
77 40.4 24.6 37.0

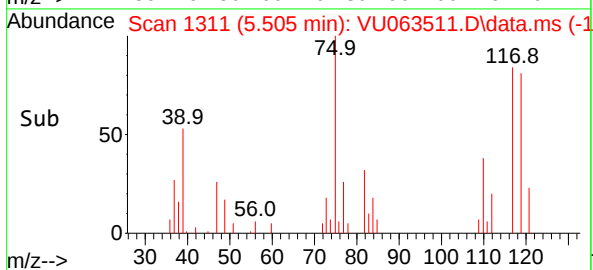
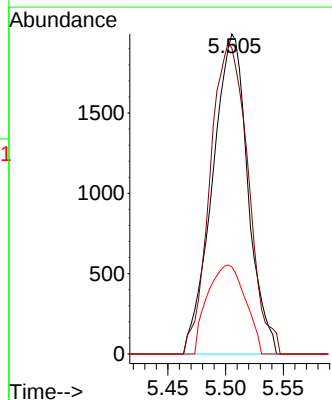
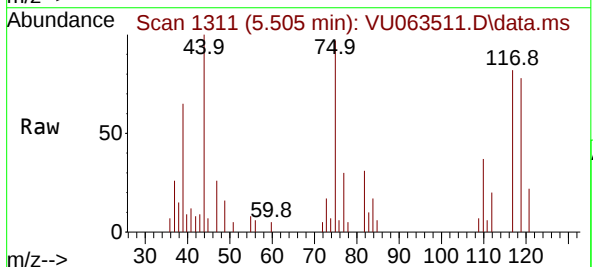
Manual Integrations
APPROVED

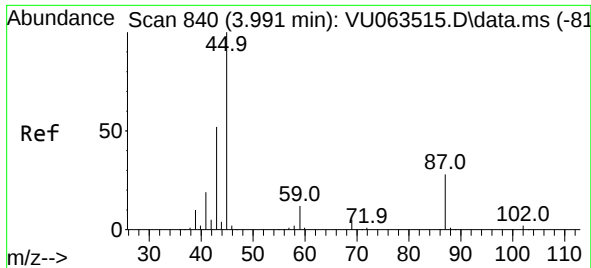
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#30
Carbon Tetrachloride
Concen: 0.438 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

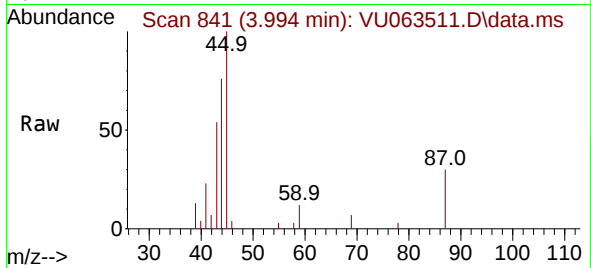
Tgt Ion:117 Resp: 4239
Ion Ratio Lower Upper
117 100
119 95.5 79.2 118.8
121 27.2 25.5 38.3





#31
Isopropyl Ether
Concen: 0.483 ug/l
RT: 3.994 min Scan# 840
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

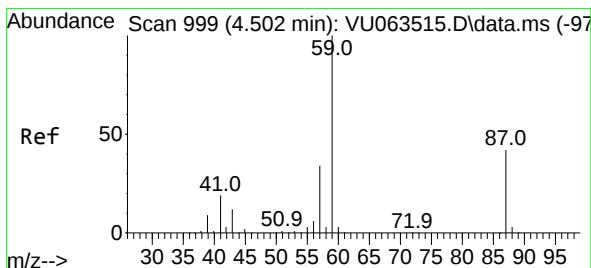
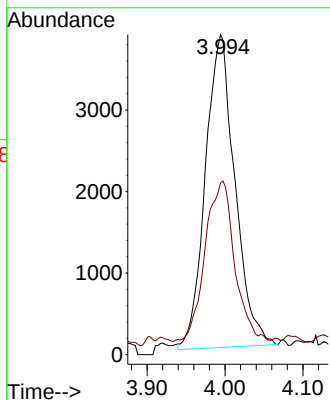
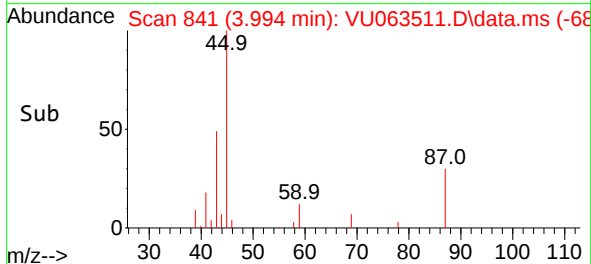
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



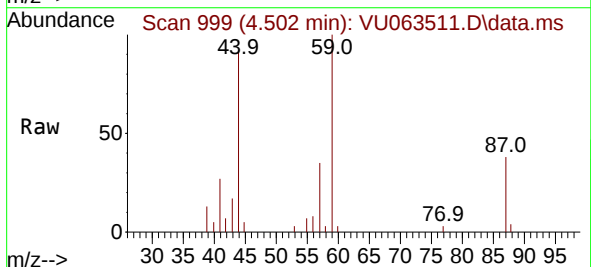
Tgt Ion: 45 Resp: 1012
Ion Ratio Lower Upper
45 100
43 51.1 25.7 77.0

Manual Integrations
APPROVED

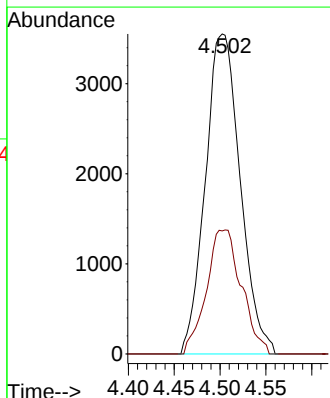
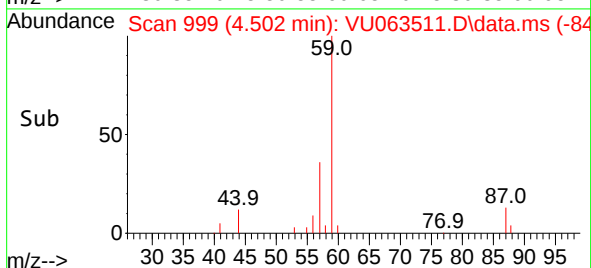
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

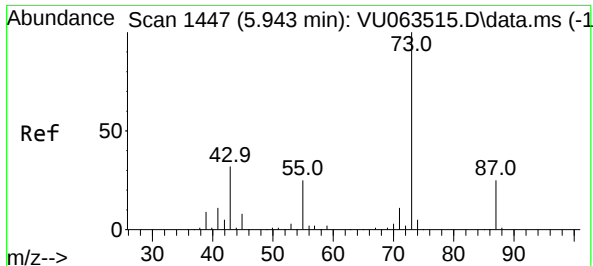


#32
Ethyl-t-butyl ether
Concen: 0.484 ug/l
RT: 4.502 min Scan# 999
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24



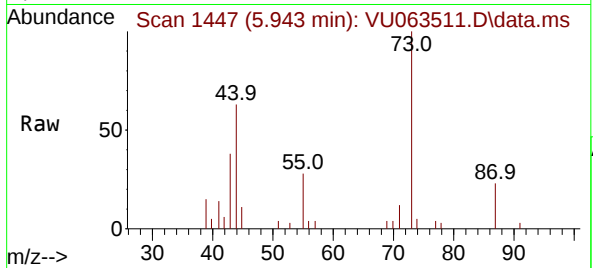
Tgt Ion: 59 Resp: 9396
Ion Ratio Lower Upper
59 100
87 38.8 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 0.515 ug/l
RT: 5.943 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

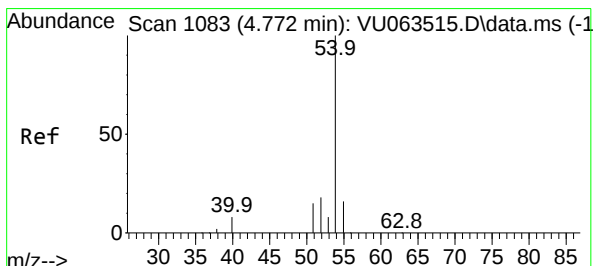
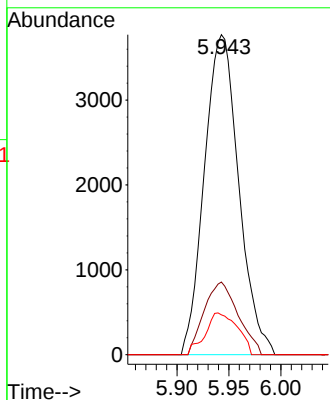
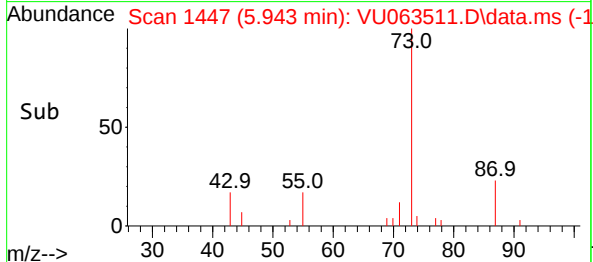
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



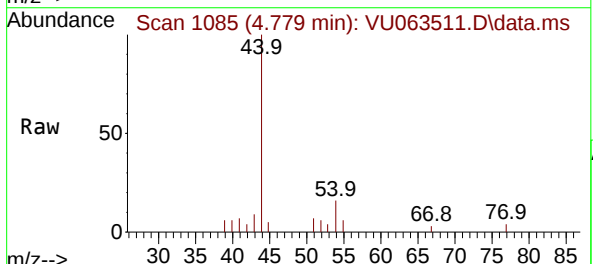
Tgt Ion: 73 Resp: 8680
Ion Ratio Lower Upper
73 100
87 22.5 19.4 29.2
71 12.2 8.9 13.3

Manual Integrations
APPROVED

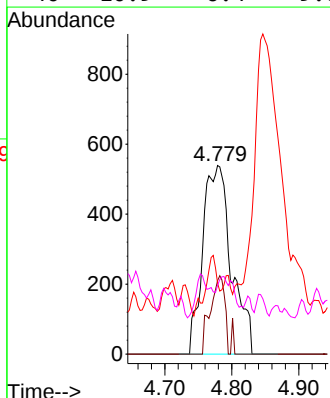
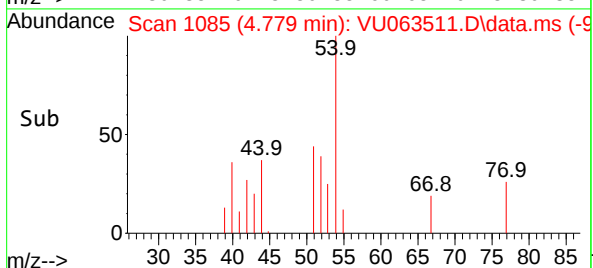
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

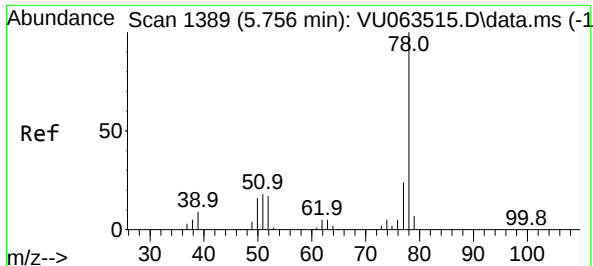


#34
Propionitrile
Concen: 2.565 ug/l m
RT: 4.779 min Scan# 1085
Delta R.T. 0.007 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24



Tgt Ion: 54 Resp: 1601
Ion Ratio Lower Upper
54 100
52 20.9 17.0 25.4
55 13.1 13.6 20.4#
40 10.9 6.4 9.6#





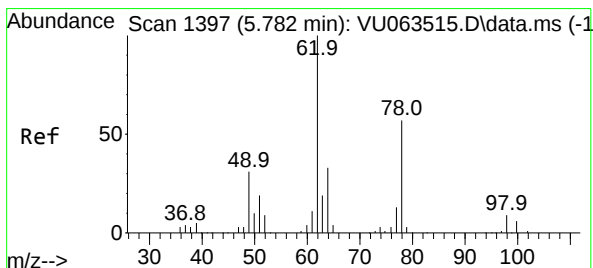
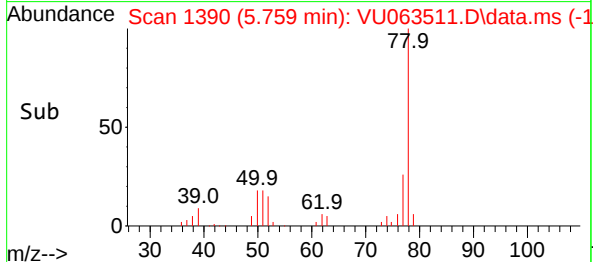
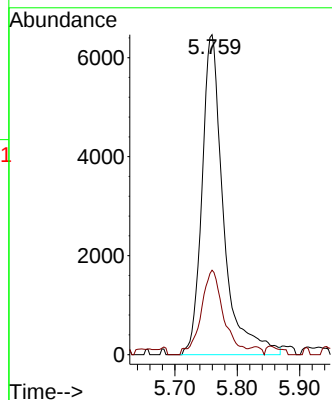
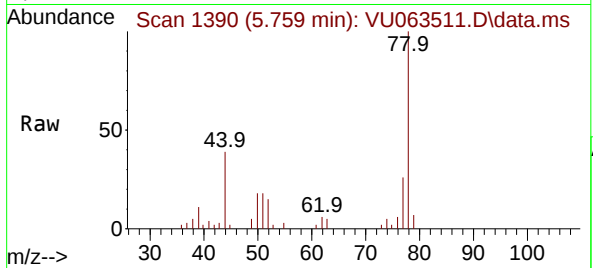
#35
Benzene
Concen: 0.517 ug/l
RT: 5.759 min Scan# 1390
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 78 Resp: 1547
Ion Ratio Lower Upper
78 100
77 26.4 19.4 29.2

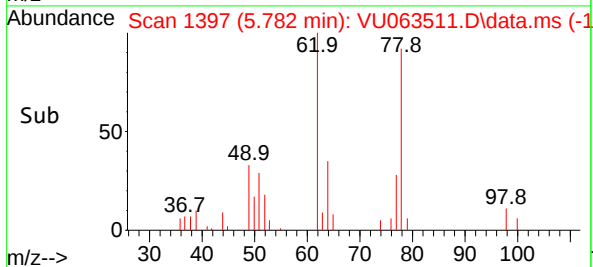
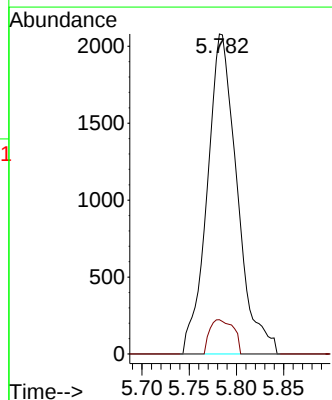
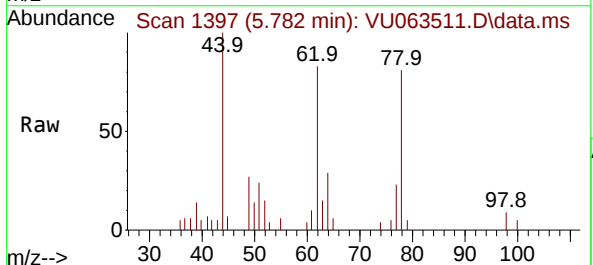
Manual Integrations
APPROVED

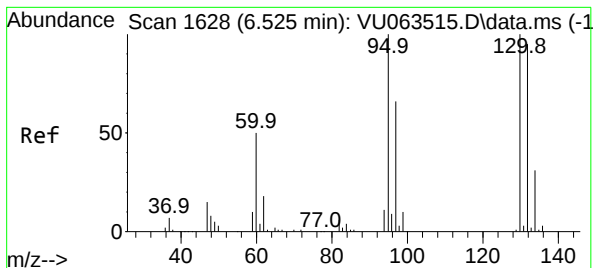
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#36
1,2-Dichloroethane
Concen: 0.492 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion: 62 Resp: 4577
Ion Ratio Lower Upper
62 100
98 8.5 6.4 9.6





#37

Trichloroethene

Concen: 0.522 ug/l

RT: 6.528 min Scan# 1628

Delta R.T. 0.003 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion:130 Resp: 3989

Ion Ratio Lower Upper

130 100

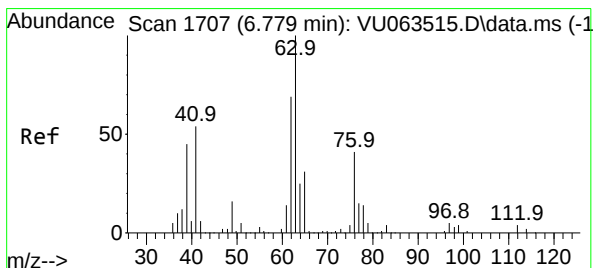
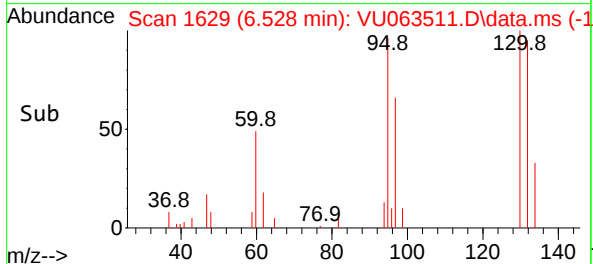
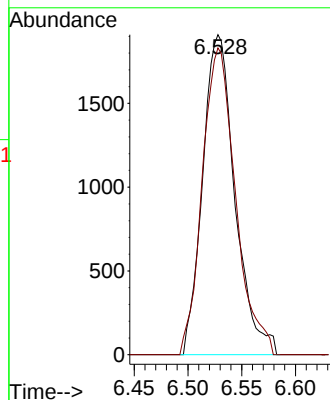
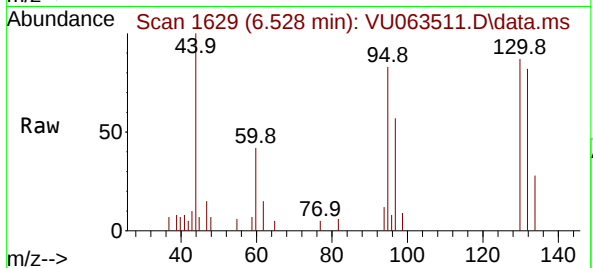
95 95.9 80.3 120.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#38

1,2-Dichloropropane

Concen: 0.426 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. 0.003 min

Lab File: VU063511.D

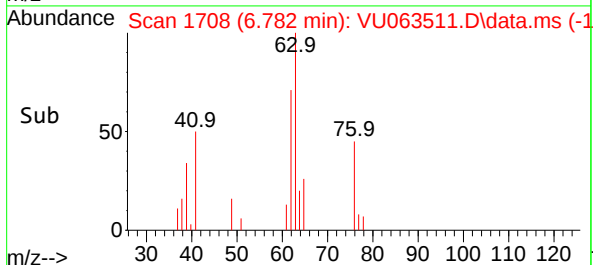
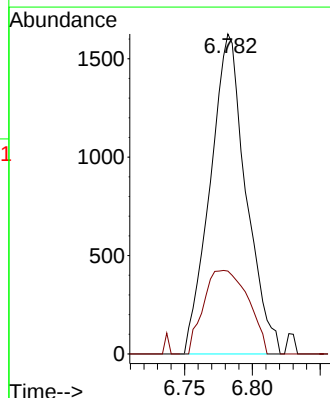
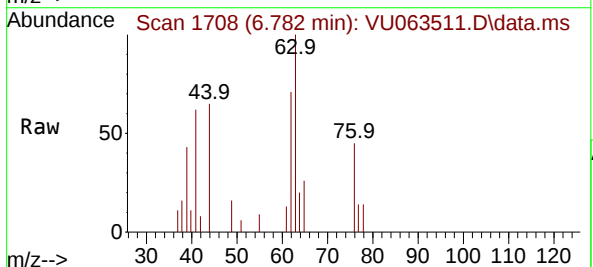
Acq: 16 Jul 2025 09:24

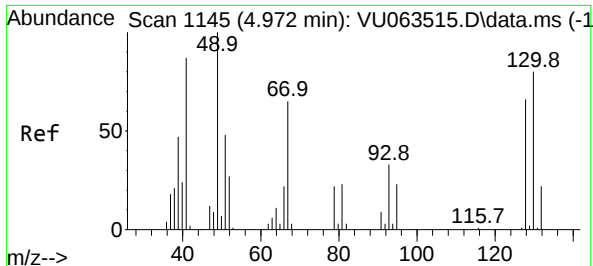
Tgt Ion: 63 Resp: 2987

Ion Ratio Lower Upper

63 100

65 25.9 24.6 36.8





#39

Methacrylonitrile

Concen: 0.645 ug/l

RT: 4.981 min Scan# 1145

Delta R.T. 0.010 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

Instrument :

MSVOA_U

ClientSampleId :

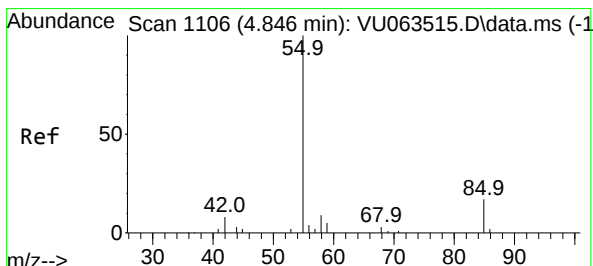
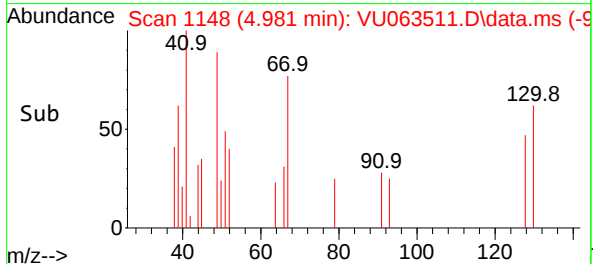
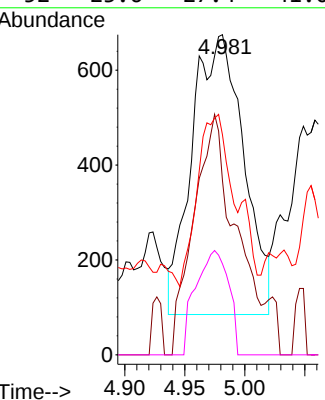
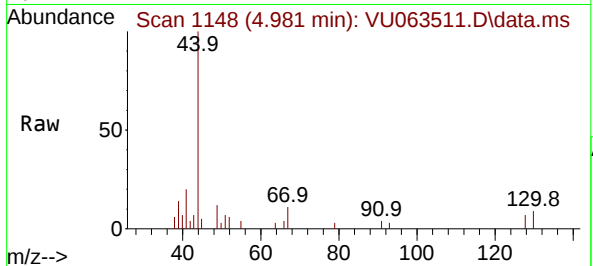
VSTDIC0.5

Tgt Ion:	41	Resp:	176
Ion	Ratio	Lower	Upper
41	100		
67	69.3	62.7	94.1
39	38.3	43.1	64.7
52	23.6	27.4	41.0

Manual Integrations

APPROVED

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



#40

Methyl acrylate

Concen: 0.508 ug/l

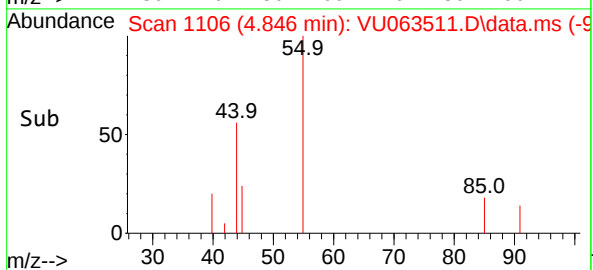
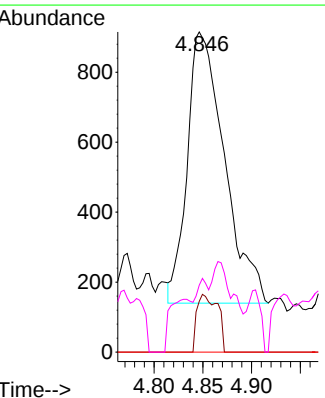
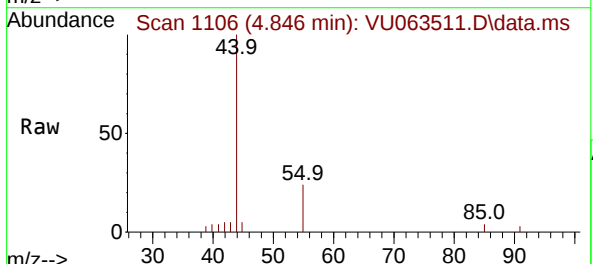
RT: 4.846 min Scan# 1106

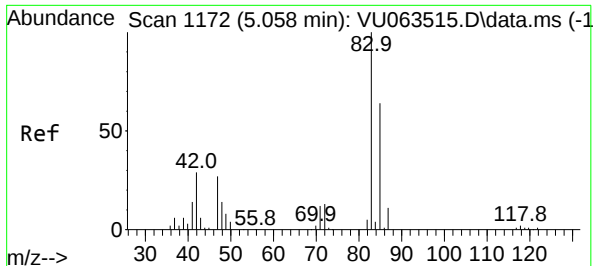
Delta R.T. 0.000 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

Tgt Ion:	55	Resp:	2059
Ion	Ratio	Lower	Upper
55	100		
85	11.8	12.8	19.2
58	0.0	7.0	10.4
42	6.9	7.0	10.4





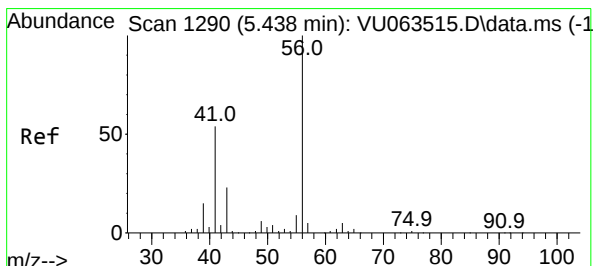
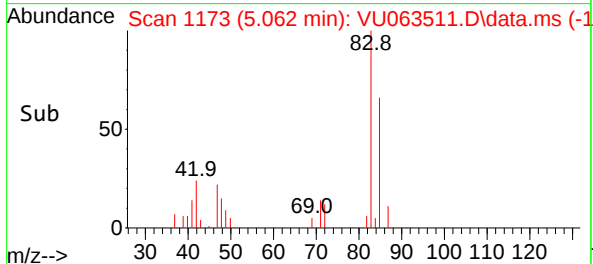
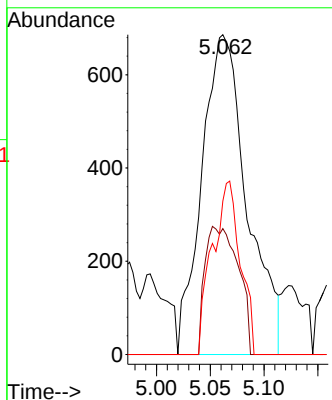
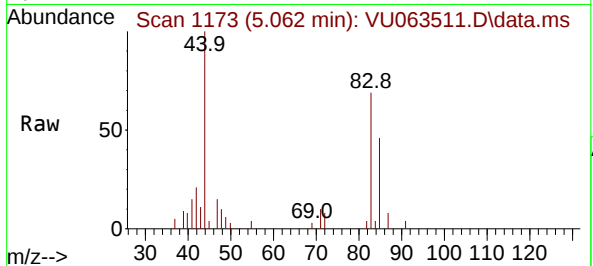
#41
Tetrahydrofuran
Concen: 1.376 ug/l
RT: 5.062 min Scan# 1172
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 42 Resp: 2000
Ion Ratio Lower Upper
42 100
72 29.3 39.2 58.8
71 33.5 34.8 52.2

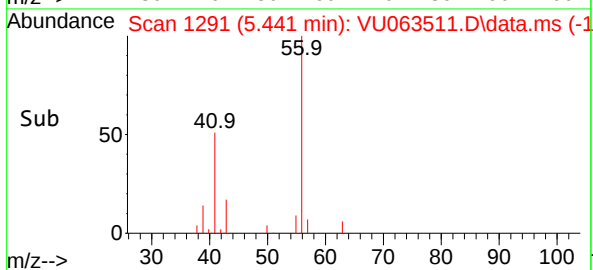
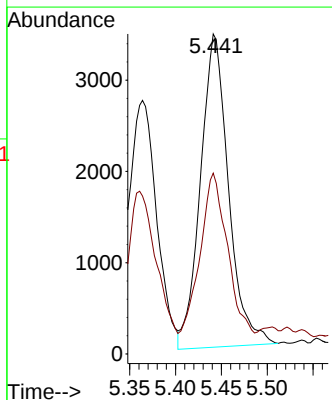
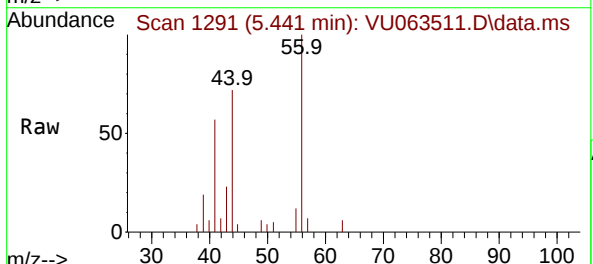
Manual Integrations
APPROVED

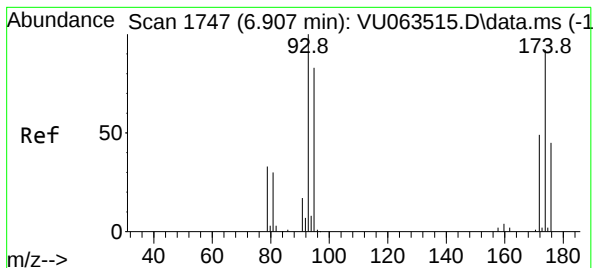
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#42
1-Chlorobutane
Concen: 0.493 ug/l
RT: 5.441 min Scan# 1291
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion: 56 Resp: 7303
Ion Ratio Lower Upper
56 100
41 48.2 26.7 80.0





#43

Dibromomethane

Concen: 0.462 ug/l

RT: 6.907 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

Instrument :

MSVOA_U

ClientSampleId :

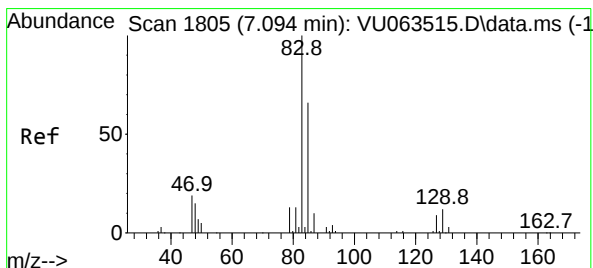
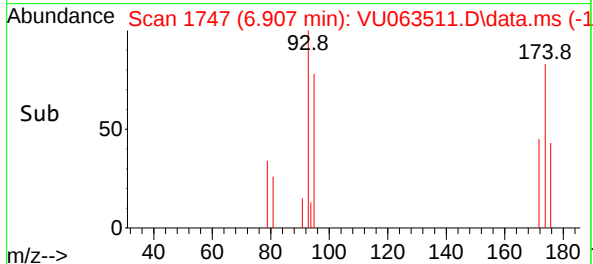
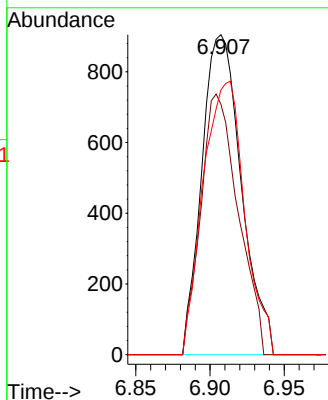
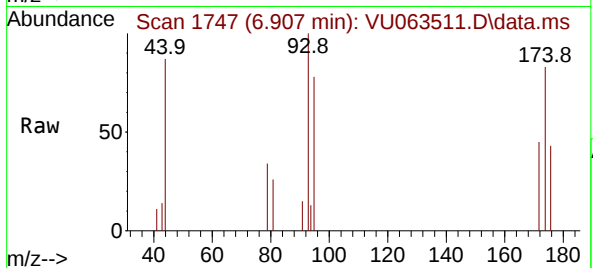
VSTDICC0.5

Tgt Ion: 93	Resp: 1679
Ion Ratio	Lower Upper
93	100
95	77.2 67.9 101.9
174	89.3 74.6 111.8

Manual Integrations

APPROVED

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



#44

Bromodichloromethane

Concen: 0.471 ug/l

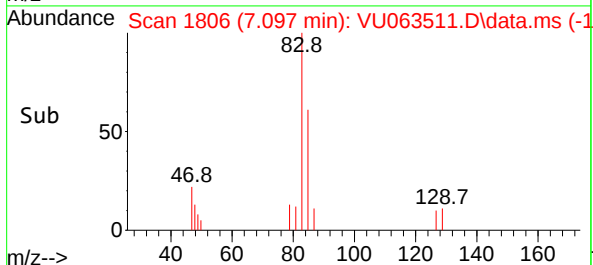
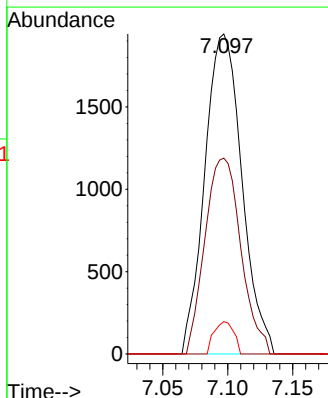
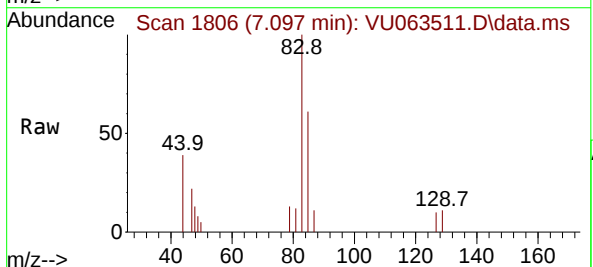
RT: 7.097 min Scan# 1806

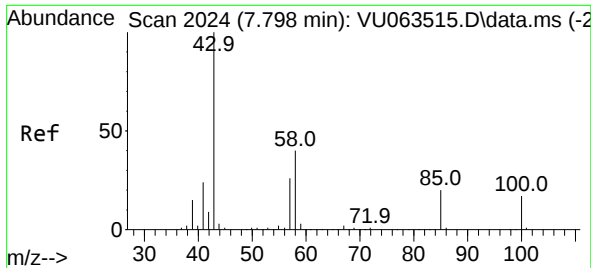
Delta R.T. 0.003 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

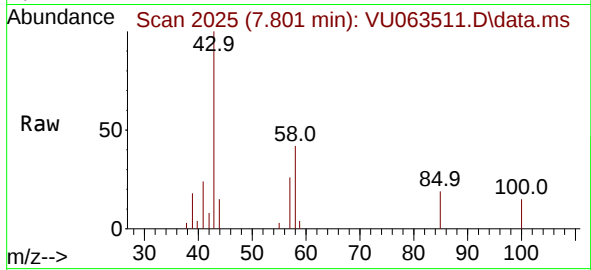
Tgt Ion: 83	Resp: 3861
Ion Ratio	Lower Upper
83	100
85	61.2 52.7 79.1
127	10.1 8.1 12.1





#45
4-Methyl-2-Pentanone
Concen: 2.301 ug/l
RT: 7.801 min Scan# 2024
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

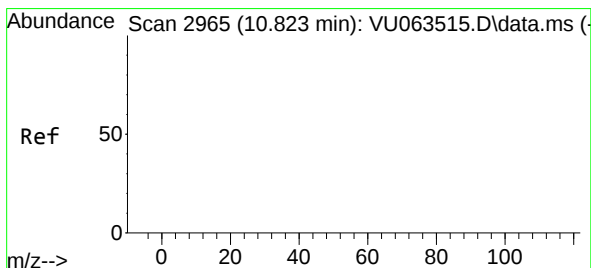
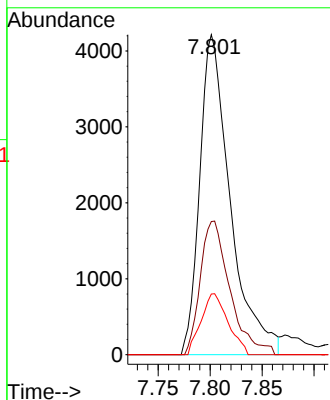
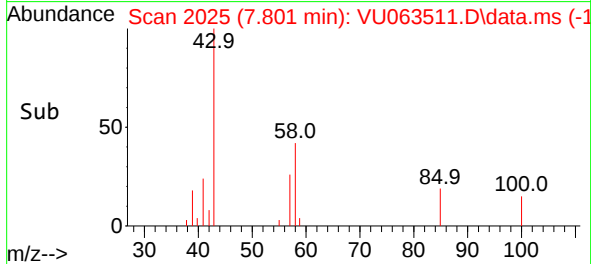
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 43 Resp: 861
Ion Ratio Lower Upper
43 100
58 40.6 20.0 60.0
85 16.7 15.4 23.0

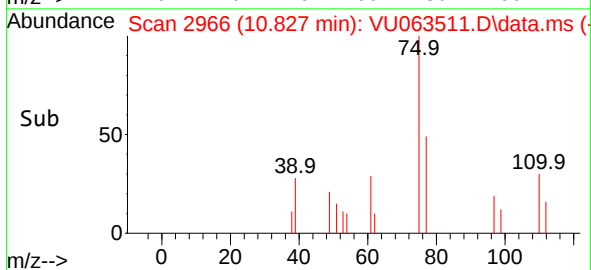
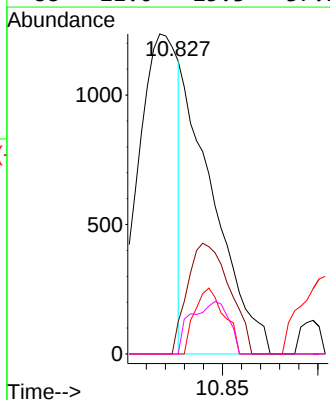
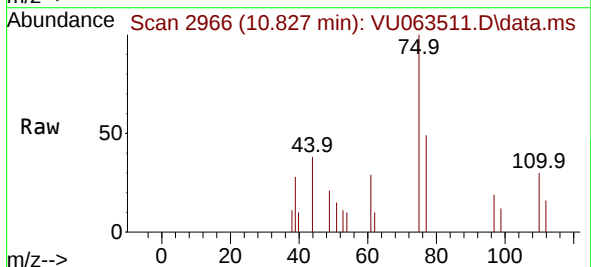
Manual Integrations
APPROVED

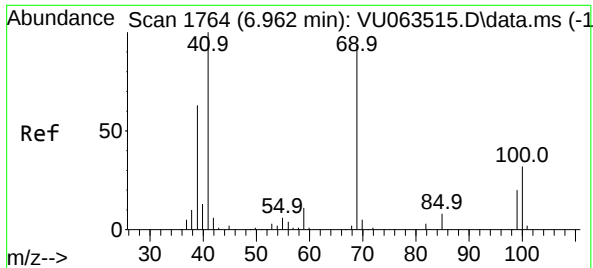
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#46
t-1,4-Dichloro-2-butene
Concen: 0.990 ug/l m
RT: 10.827 min Scan# 2966
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

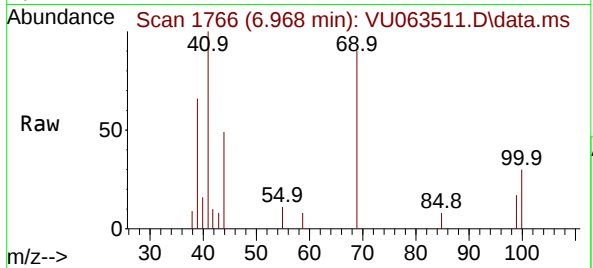
Tgt Ion: 75 Resp: 1314
Ion Ratio Lower Upper
75 100
53 50.0 48.4 72.6
89 20.9 30.6 45.8#
88 21.0 25.3 37.9#





#47
Methyl methacrylate
Concen: 0.889 ug/l
RT: 6.968 min Scan# 1766
Delta R.T. 0.007 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

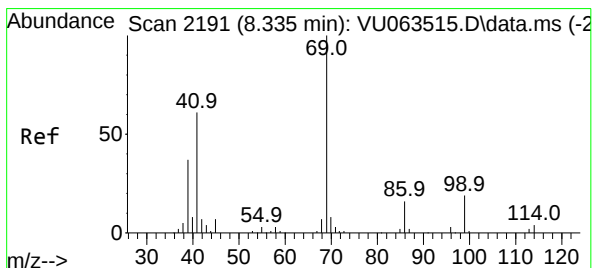
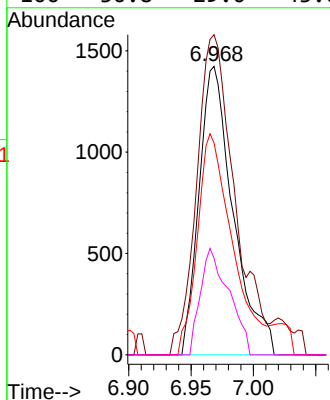
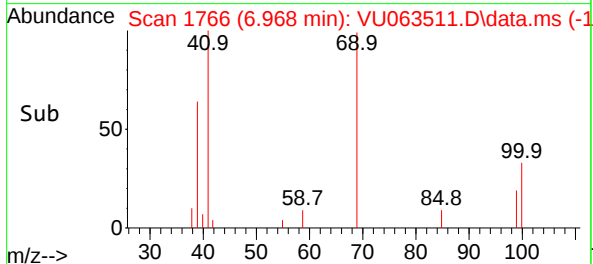
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 69 Resp: 2712
Ion Ratio Lower Upper
69 100
41 123.9 0.0 224.0
39 78.5 55.3 82.9
100 30.8 29.0 43.6

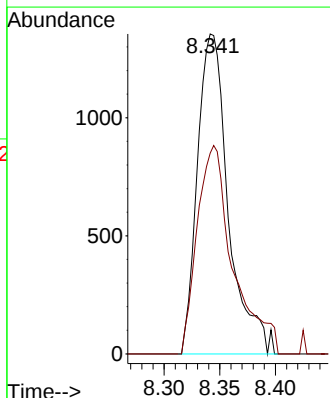
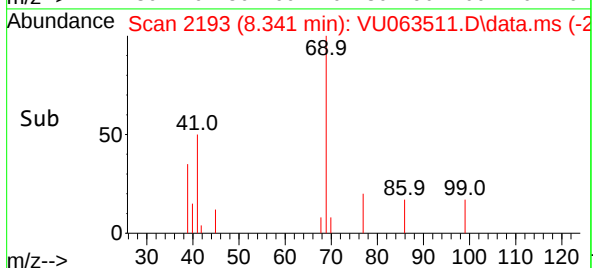
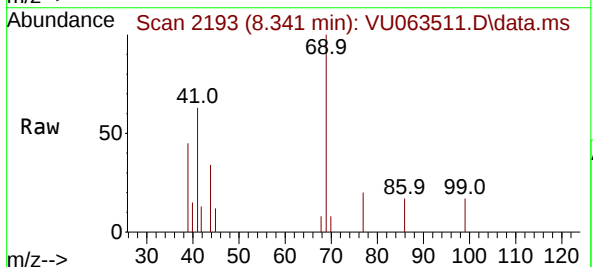
Manual Integrations
APPROVED

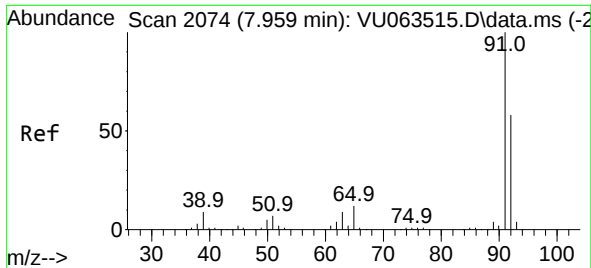
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#48
Ethyl methacrylate
Concen: 0.451 ug/l
RT: 8.341 min Scan# 2193
Delta R.T. 0.007 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion: 69 Resp: 2622
Ion Ratio Lower Upper
69 100
41 75.1 30.8 92.4





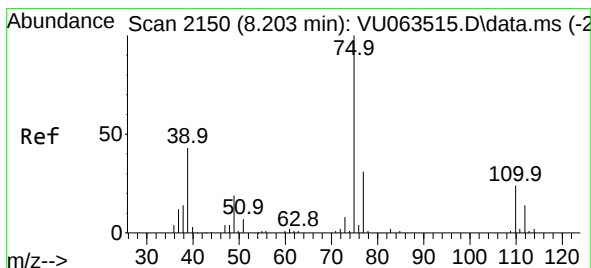
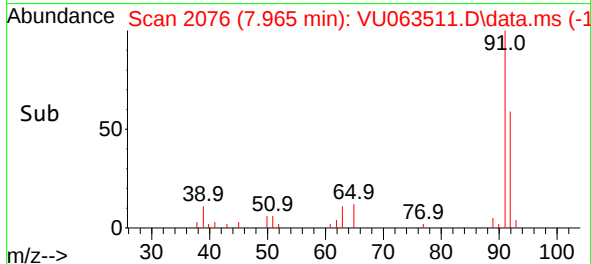
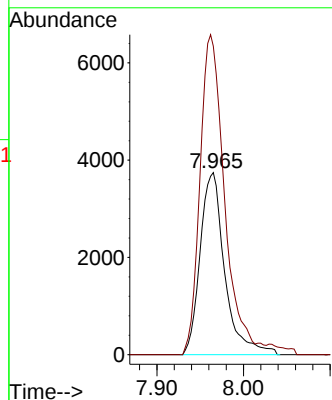
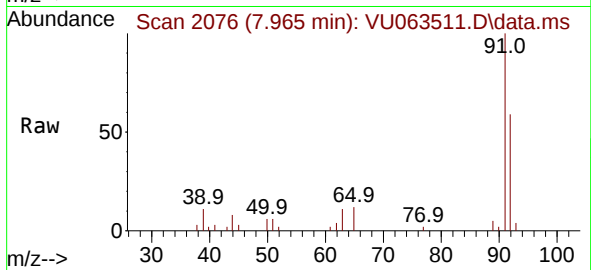
#49
Toluene
Concen: 0.452 ug/l
RT: 7.965 min Scan# 2074
Delta R.T. 0.007 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 92 Resp: 739
Ion Ratio Lower Upper
92 100
91 175.6 140.4 210.6

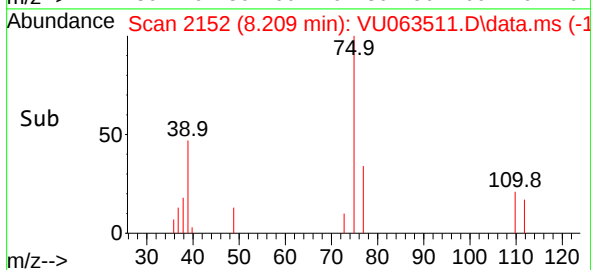
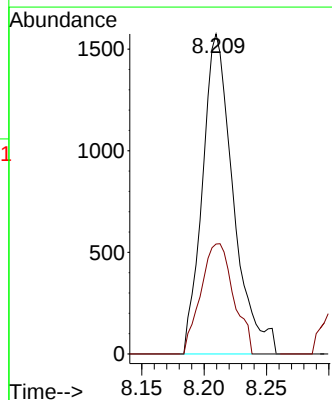
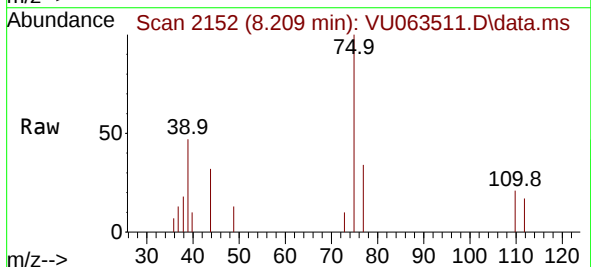
Manual Integrations
APPROVED

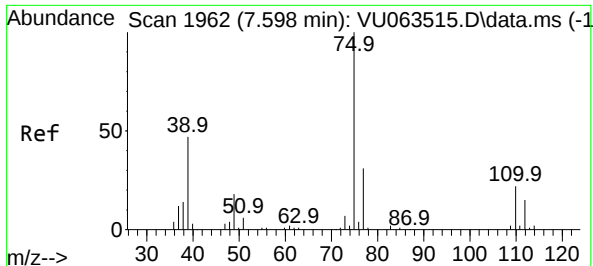
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#50
t-1,3-Dichloropropene
Concen: 0.421 ug/l
RT: 8.209 min Scan# 2152
Delta R.T. 0.007 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

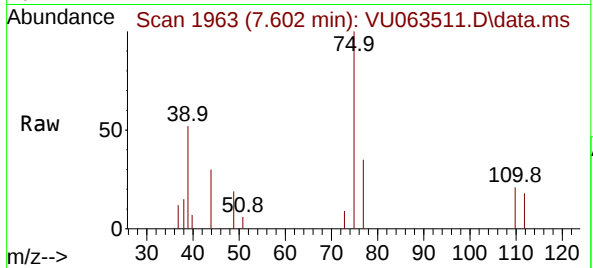
Tgt Ion: 75 Resp: 2708
Ion Ratio Lower Upper
75 100
77 34.3 24.9 37.3





#51
 cis-1,3-Dichloropropene
 Concen: 0.419 ug/l
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU063511.D
 Acq: 16 Jul 2025 09:24

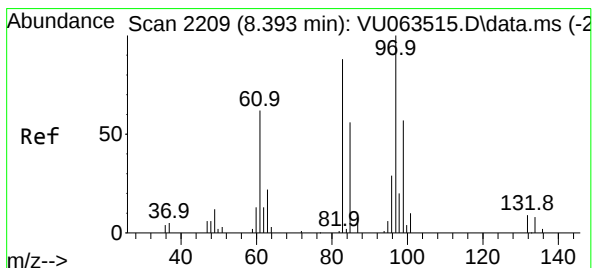
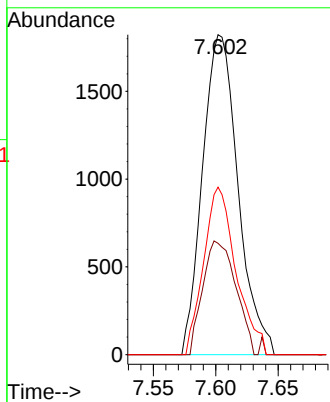
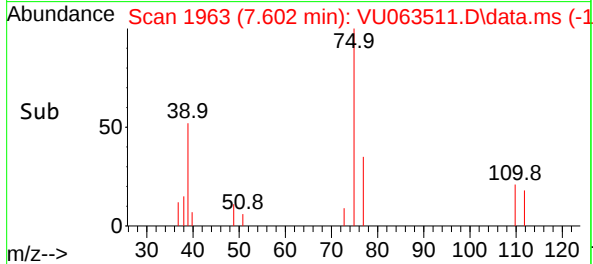
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 75 Resp: 361
 Ion Ratio Lower Upper
 75 100
 77 34.8 25.1 37.7
 39 52.3 37.8 56.6

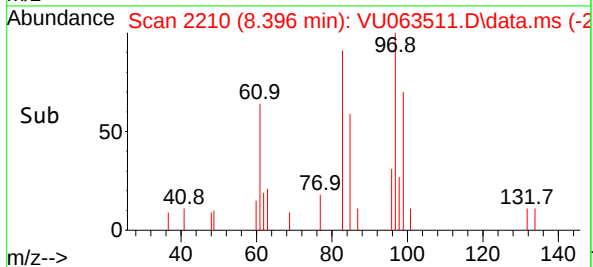
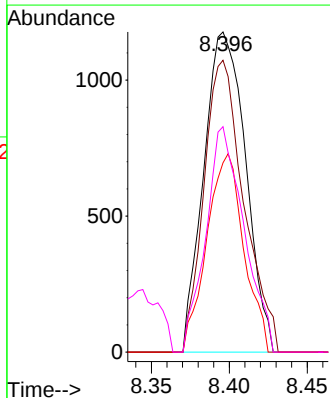
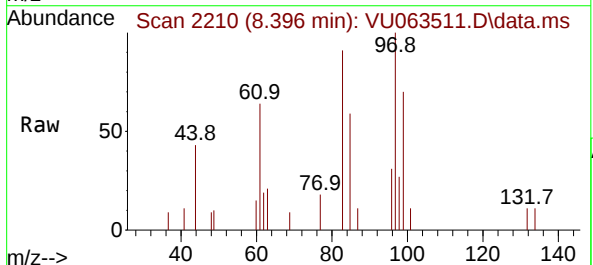
Manual Integrations
 APPROVED

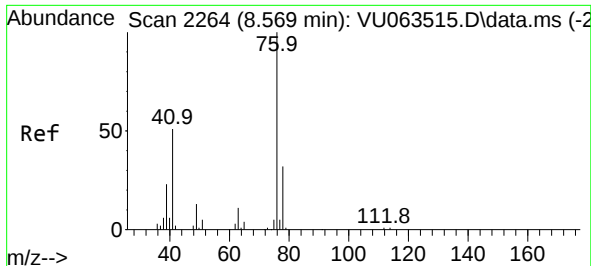
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#52
 1,1,2-Trichloroethane
 Concen: 0.449 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU063511.D
 Acq: 16 Jul 2025 09:24

Tgt Ion: 97 Resp: 2194
 Ion Ratio Lower Upper
 97 100
 83 91.2 70.2 105.2
 85 59.1 45.2 67.8
 99 70.4 50.1 75.1





#53

1,3-Dichloropropane

Concen: 0.467 ug/l

RT: 8.570 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 76 Resp: 3944

Ion Ratio Lower Upper

76 100

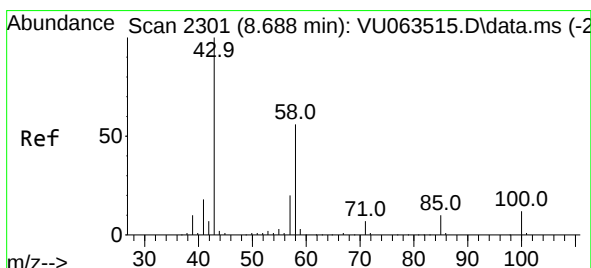
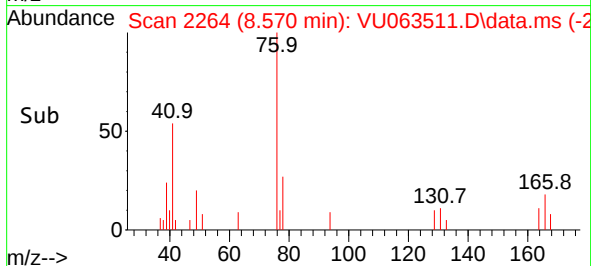
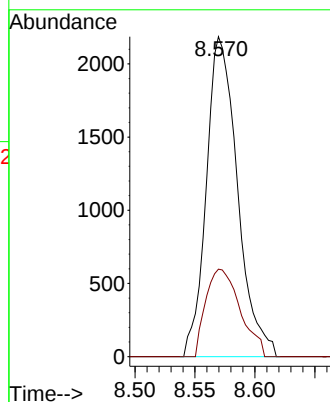
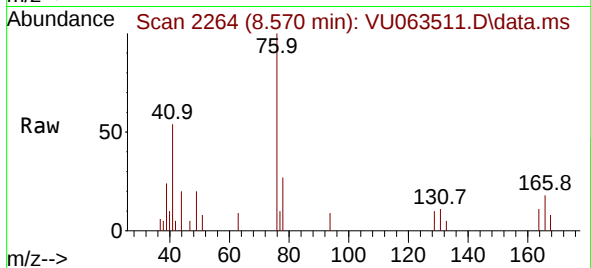
78 30.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#54

2-Hexanone

Concen: 2.289 ug/l

RT: 8.698 min Scan# 2304

Delta R.T. 0.010 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

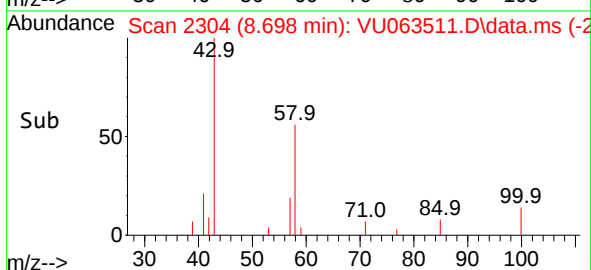
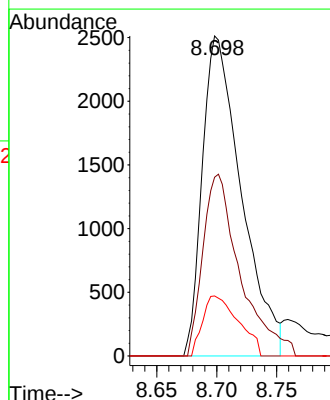
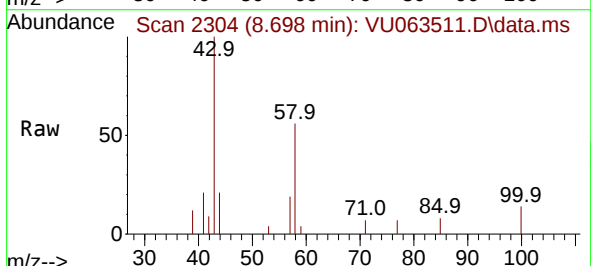
Tgt Ion: 43 Resp: 5691

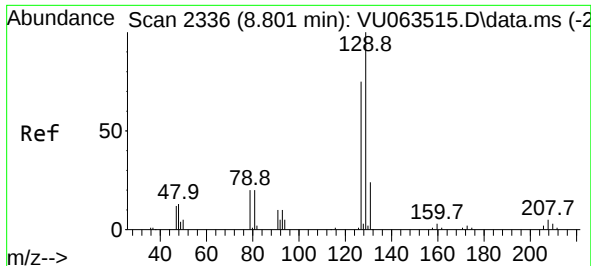
Ion Ratio Lower Upper

43 100

58 54.1 34.8 74.8

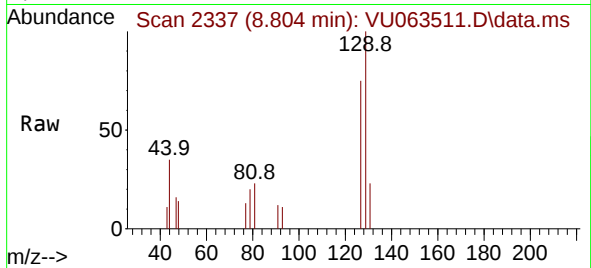
57 17.3 0.0 39.5





#55
Dibromochloromethane
Concen: 0.406 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

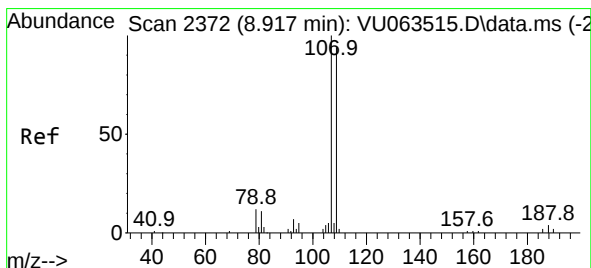
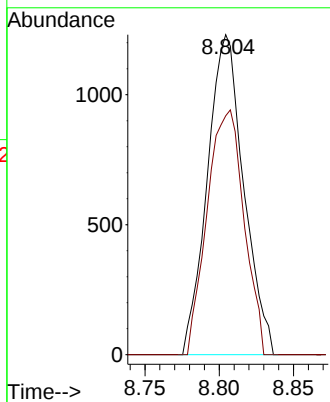
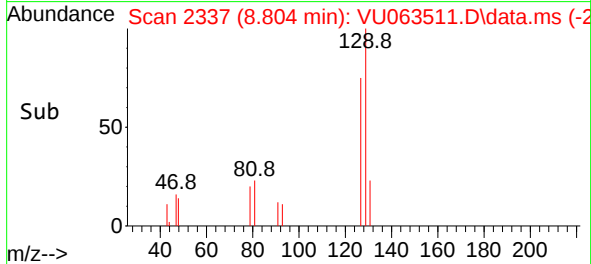
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



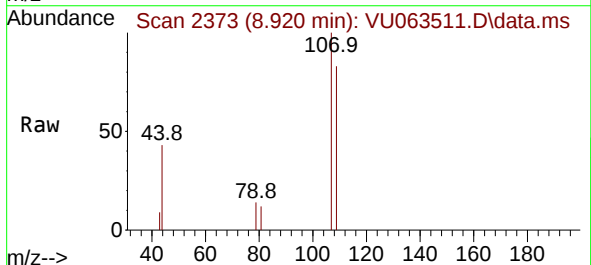
Tgt Ion:129 Resp: 209
Ion Ratio Lower Upper
129 100
127 77.3 60.1 90.1

Manual Integrations
APPROVED

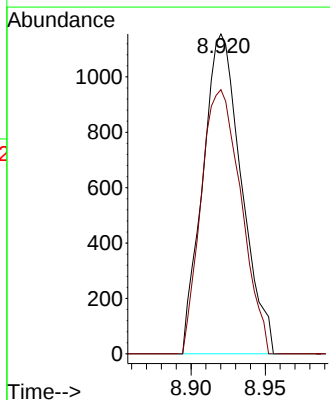
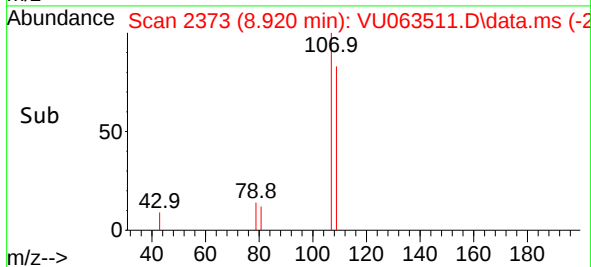
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

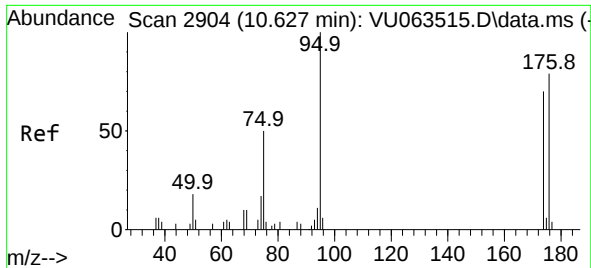


#56
1,2-Dibromoethane
Concen: 0.477 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24



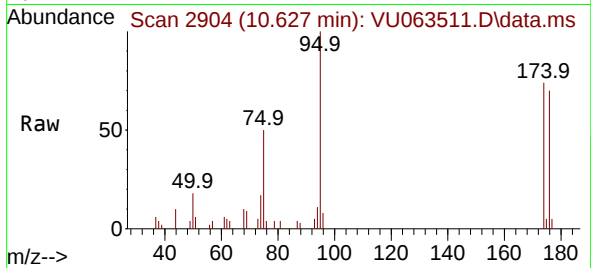
Tgt Ion:107 Resp: 2089
Ion Ratio Lower Upper
107 100
109 85.6 0.0 186.4





#57
4-Bromofluorobenzene
Concen: 0.986 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

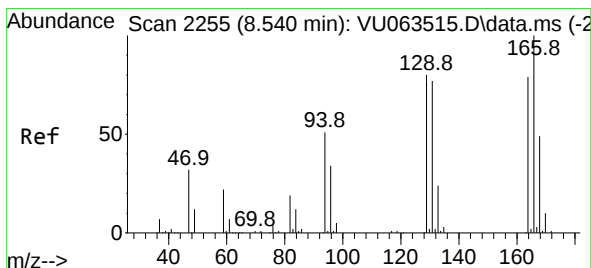
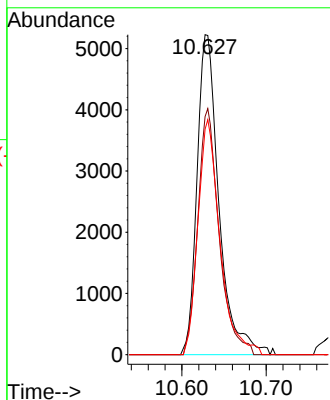
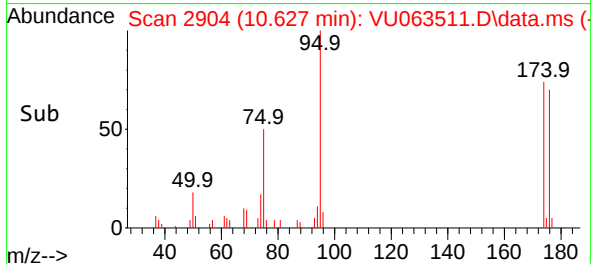
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 95 Resp: 9489
Ion Ratio Lower Upper
95 100
174 74.2 59.8 89.8
176 73.7 61.8 92.8

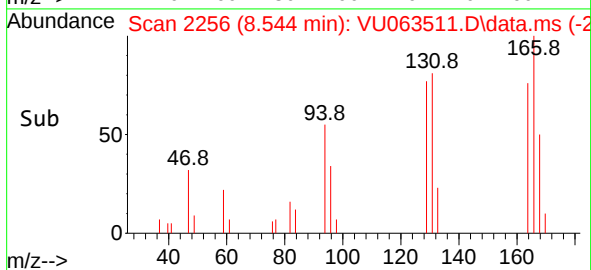
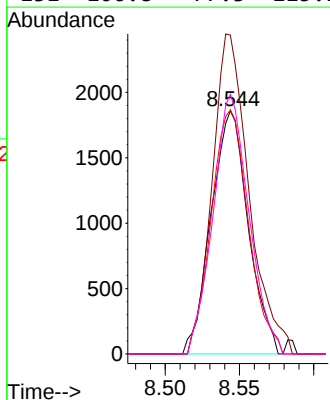
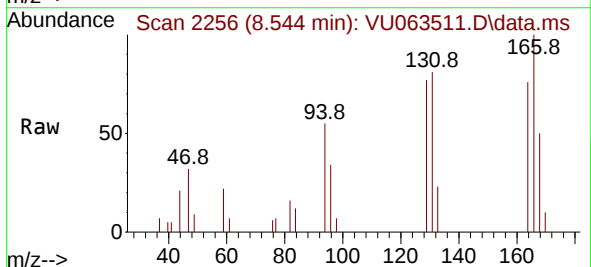
Manual Integrations
APPROVED

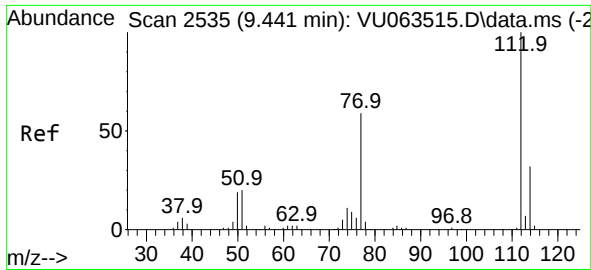
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#58
Tetrachloroethene
Concen: 0.461 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion:164 Resp: 3225
Ion Ratio Lower Upper
164 100
166 131.1 100.7 151.1
129 100.4 80.6 120.8
131 106.8 77.3 115.9





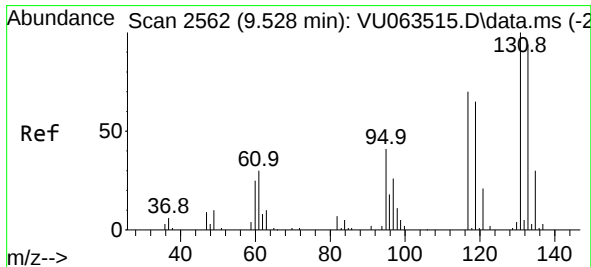
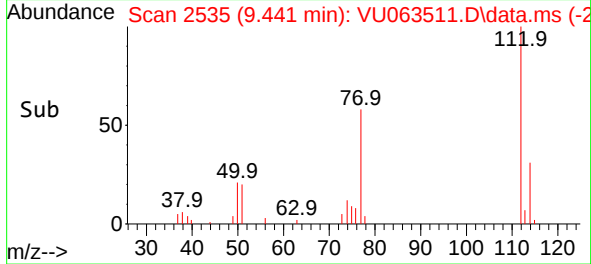
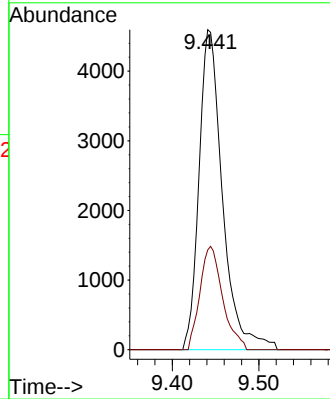
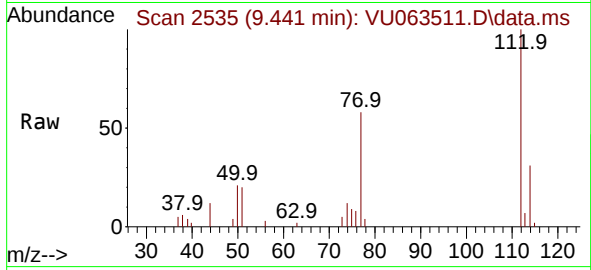
#59
Chlorobenzene
Concen: 0.460 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:112 Resp: 8639
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2

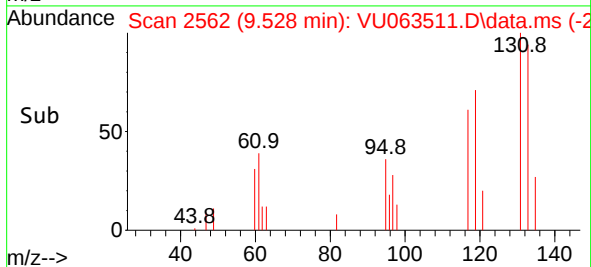
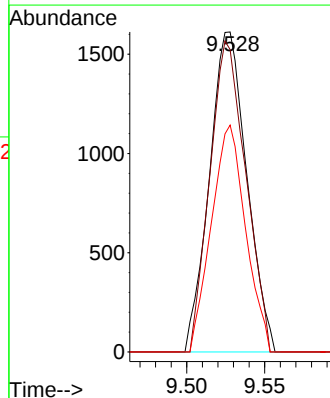
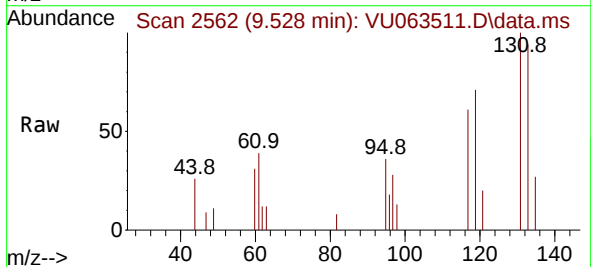
Manual Integrations
APPROVED

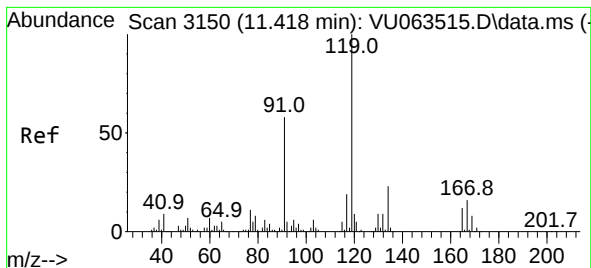
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 0.445 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

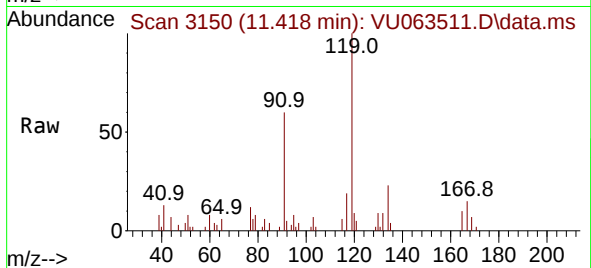
Tgt Ion:131 Resp: 2686
Ion Ratio Lower Upper
131 100
133 93.3 74.7 112.1
119 65.1 53.0 79.4





#61
Pentachloroethane
Concen: 0.441 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

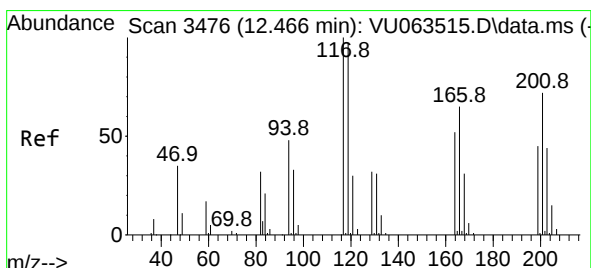
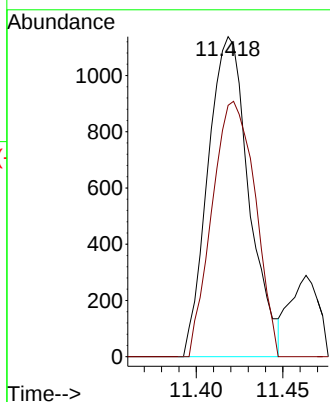
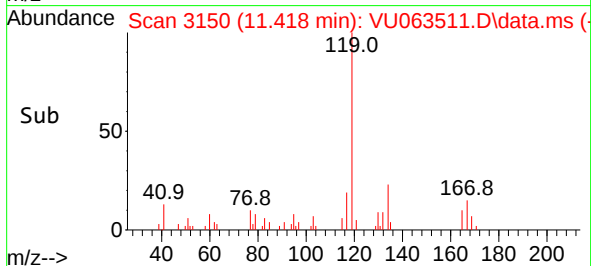
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



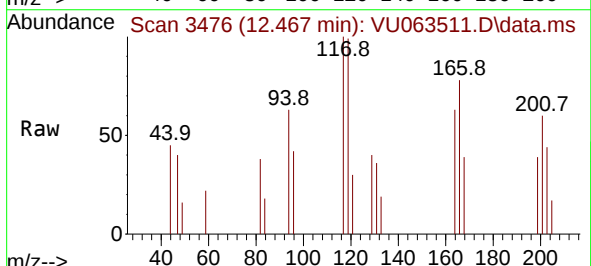
Tgt Ion:117 Resp: 1880
Ion Ratio Lower Upper
117 100
167 83.4 65.0 97.6

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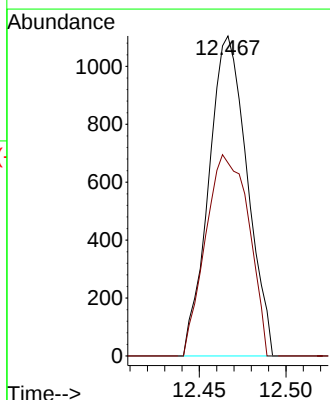
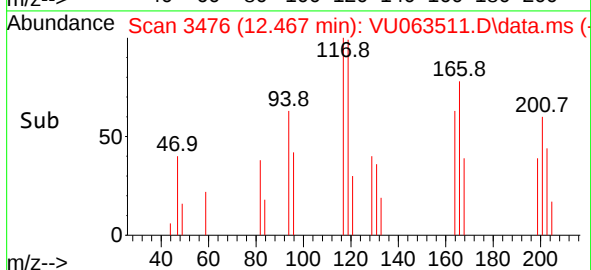
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

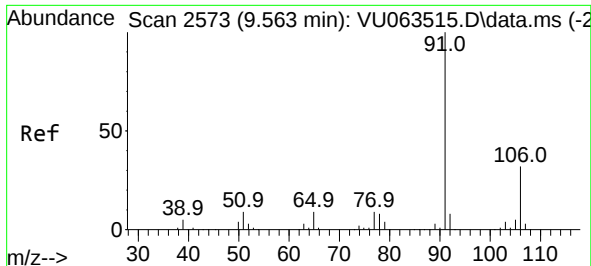


#62
Hexachloroethane
Concen: 0.403 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24



Tgt Ion:117 Resp: 1703
Ion Ratio Lower Upper
117 100
201 70.8 57.4 86.0





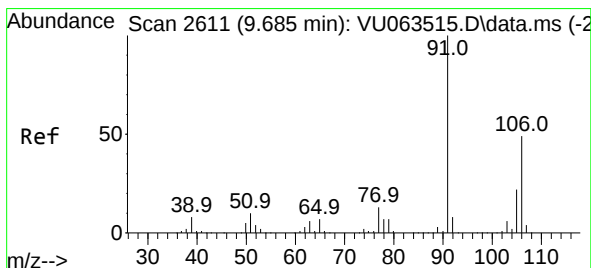
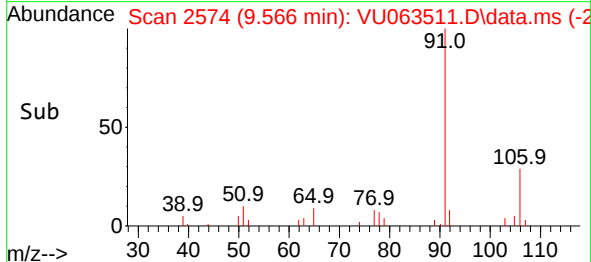
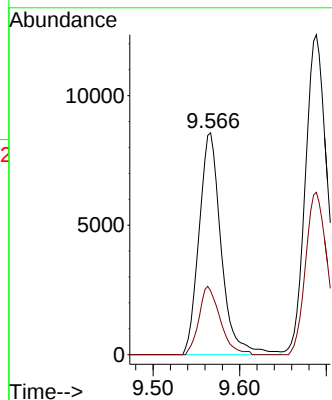
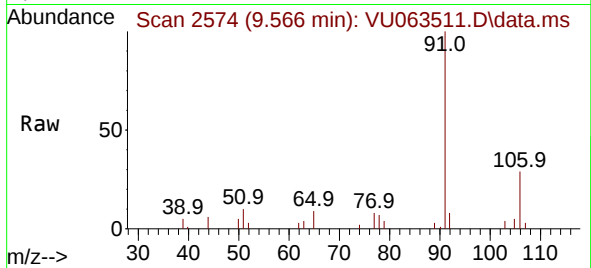
#63
Ethyl Benzene
Concen: 0.470 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 1518
Ion Ratio Lower Upper
91 100
106 28.7 25.4 38.0

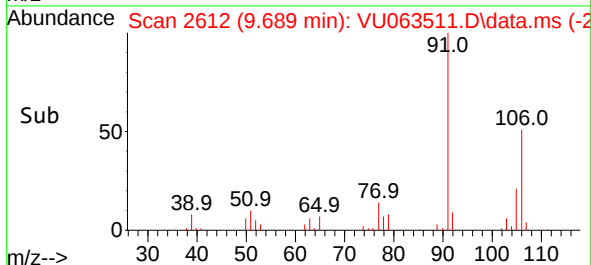
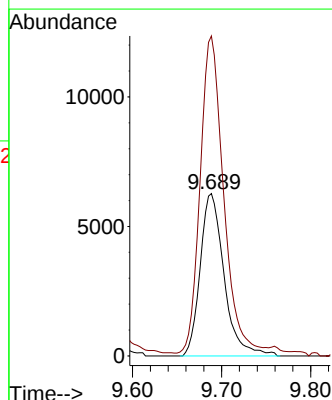
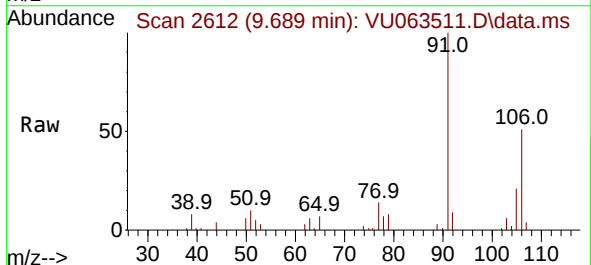
Manual Integrations
APPROVED

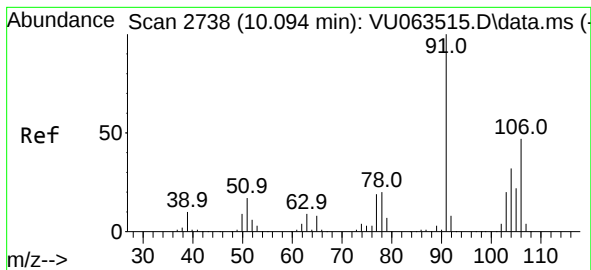
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#64
m/p-Xylenes
Concen: 0.929 ug/l
RT: 9.689 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion:106 Resp: 11672
Ion Ratio Lower Upper
106 100
91 190.8 163.6 245.4





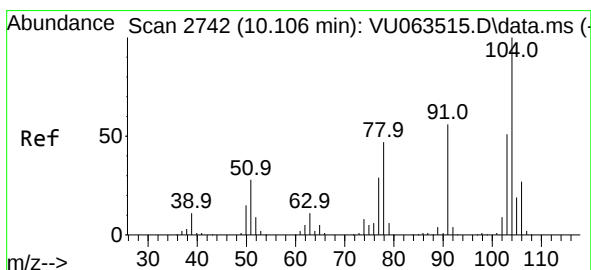
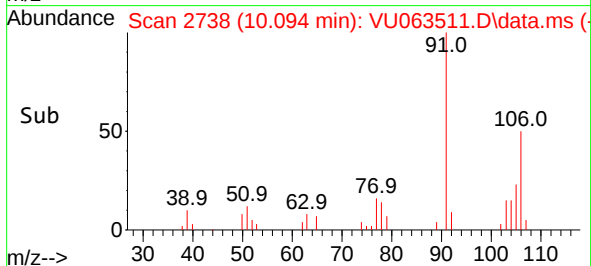
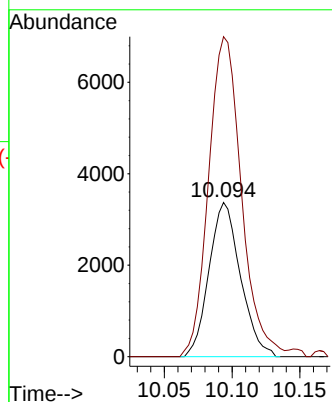
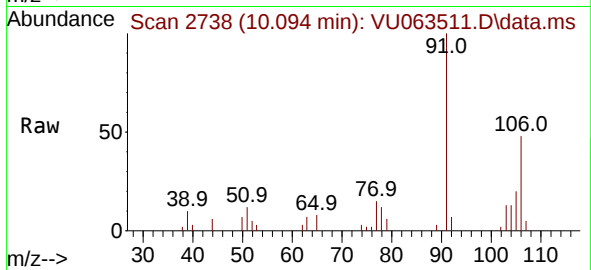
#65
o-Xylene
Concen: 0.450 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:106 Resp: 543
Ion Ratio Lower Upper
106 100
91 216.6 108.1 324.4

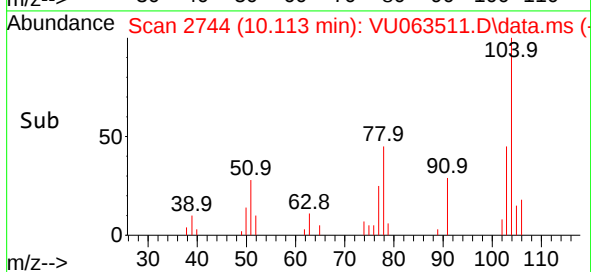
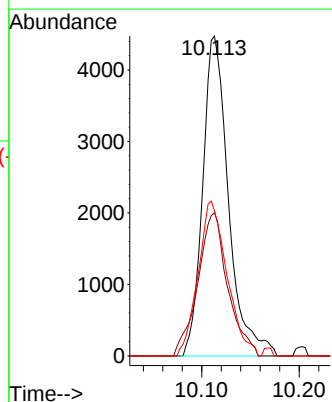
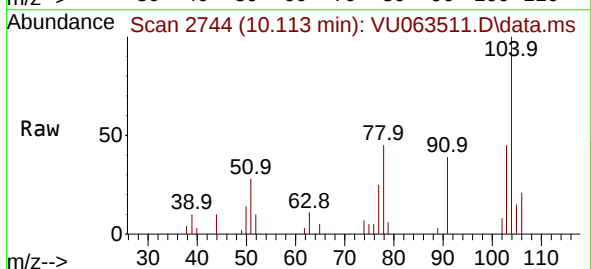
Manual Integrations
APPROVED

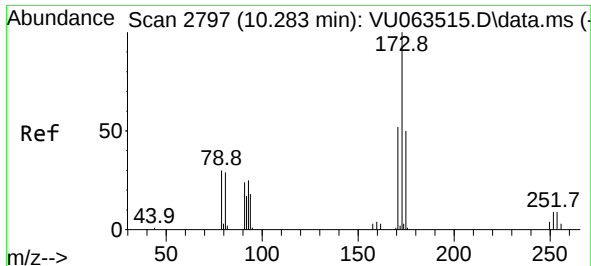
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#66
Styrene
Concen: 0.429 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.007 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

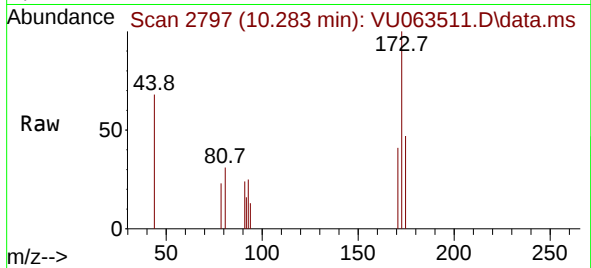
Tgt Ion:104 Resp: 8244
Ion Ratio Lower Upper
104 100
78 51.6 41.3 61.9
103 54.1 43.6 65.4





#67
Bromoform
Concen: 0.458 ug/l
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

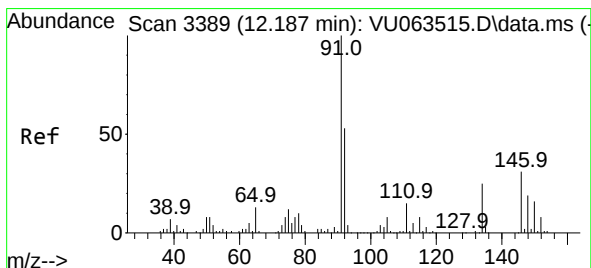
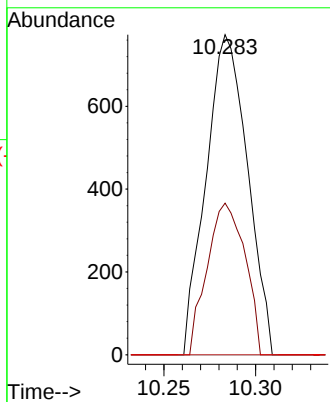
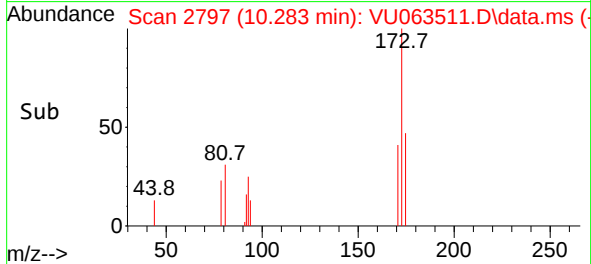
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



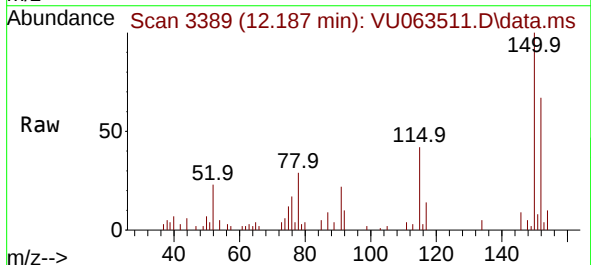
Tgt Ion:173 Resp: 1214
Ion Ratio Lower Upper
173 100
175 43.2 39.0 58.4
254 0.0 6.5 9.7

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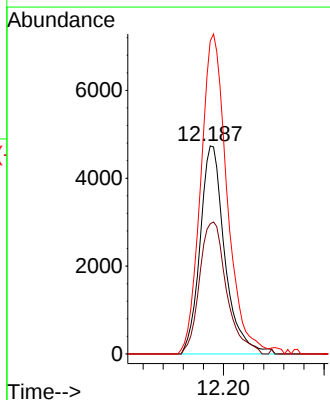
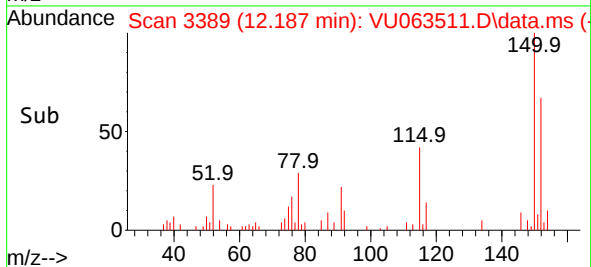
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

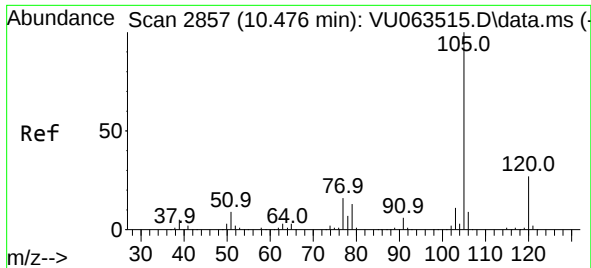


#68
1,2-Dichlorobenzene-d4
Concen: 0.909 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24



Tgt Ion:152 Resp: 8092
Ion Ratio Lower Upper
152 100
115 69.1 0.0 262.2
150 163.6 0.0 651.2





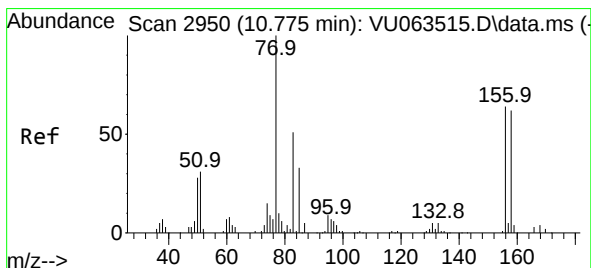
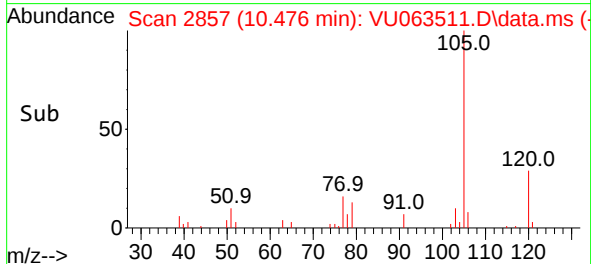
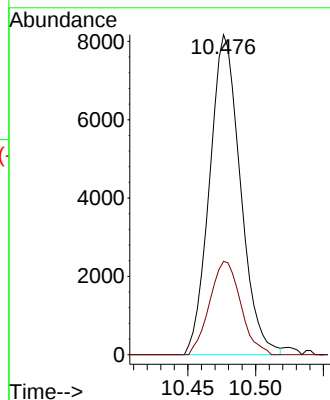
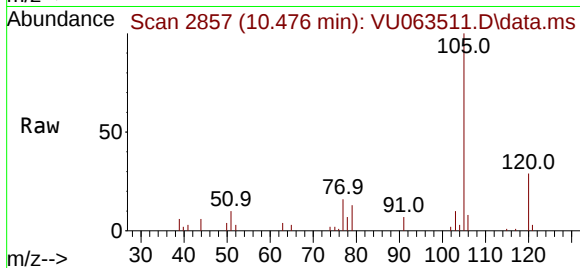
#69
Isopropylbenzene
Concen: 0.442 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 105 Resp: 1291
Ion Ratio Lower Upper
105 100
120 29.4 13.2 39.5

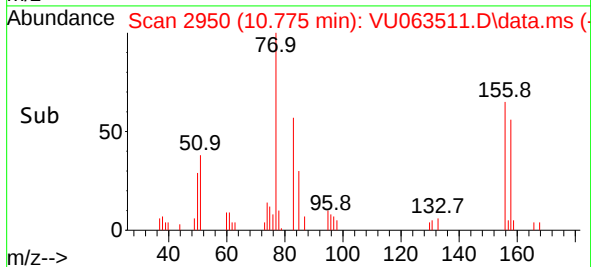
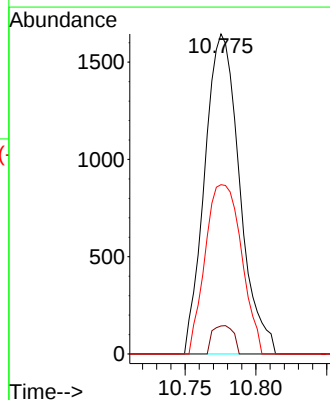
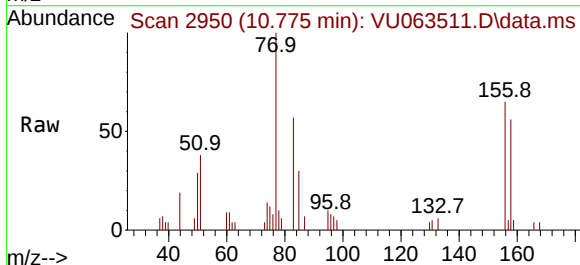
Manual Integrations
APPROVED

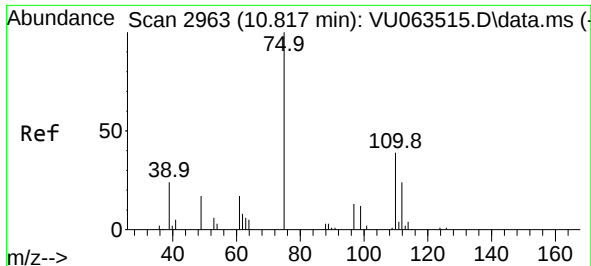
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 0.474 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

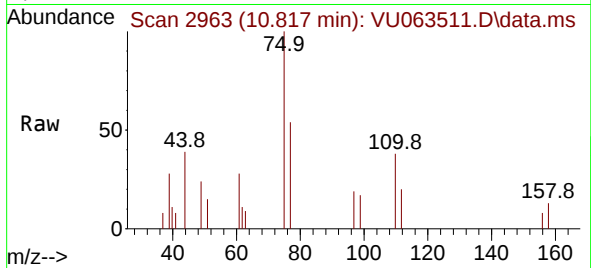
Tgt Ion: 83 Resp: 2820
Ion Ratio Lower Upper
83 100
131 5.4 8.4 12.6#
85 54.9 51.9 77.9





#71
1,2,3-Trichloropropane
Concen: 0.449 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

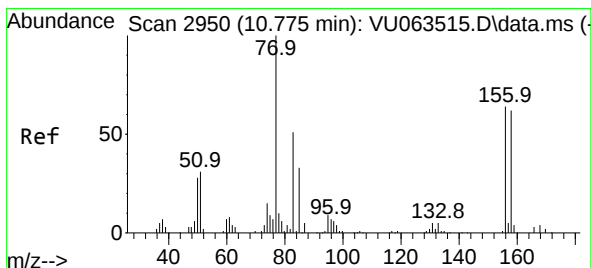
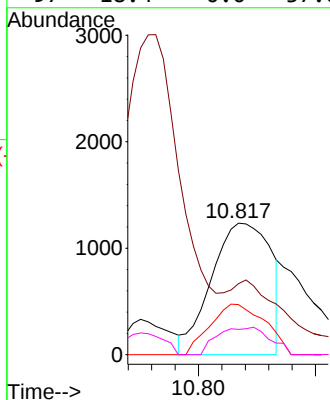
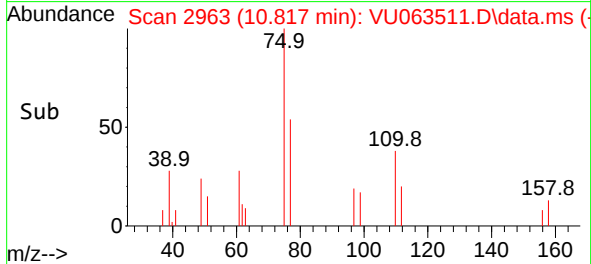
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



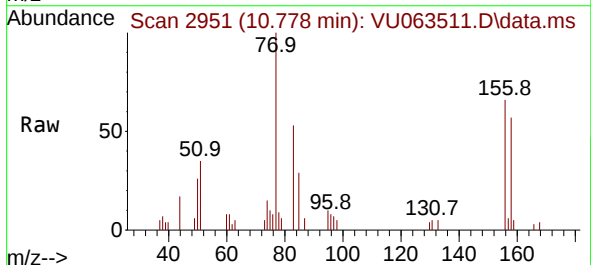
Tgt Ion: 75 Resp: 2178
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 35.5 0.0 73.2
97 18.4 0.0 37.6

Manual Integrations
APPROVED

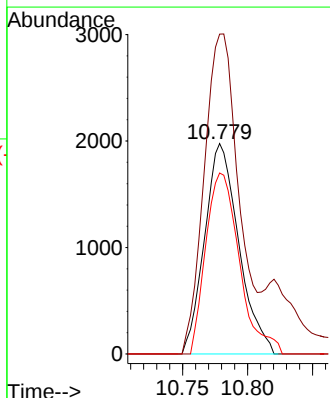
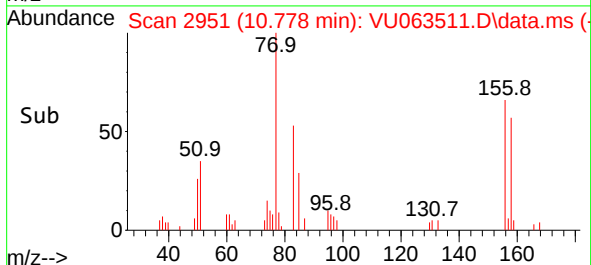
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

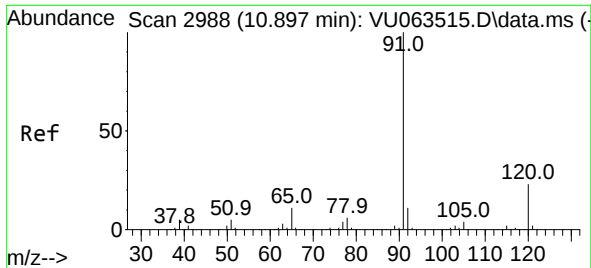


#72
Bromobenzene
Concen: 0.479 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24



Tgt Ion:156 Resp: 3609
Ion Ratio Lower Upper
156 100
77 152.5 0.0 315.2
158 84.9 0.0 195.4





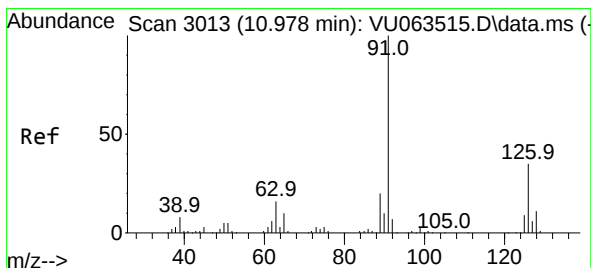
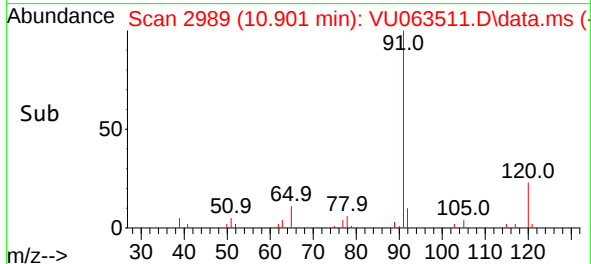
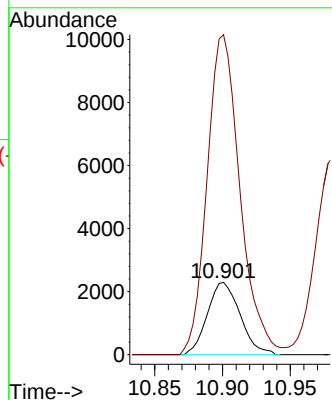
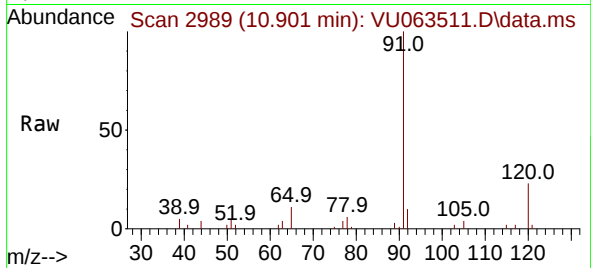
#73
n-propylbenzene
Concen: 0.438 ug/l
RT: 10.901 min Scan# 2988
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion:120 Resp: 3852
Ion Ratio Lower Upper
120 100
91 445.4 343.1 514.7

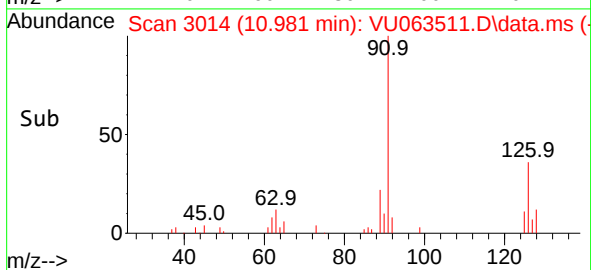
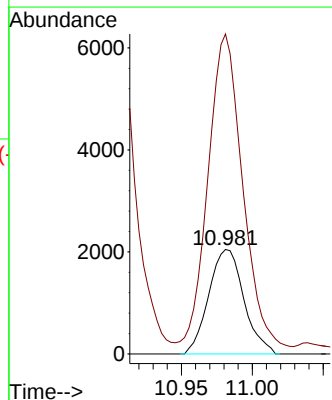
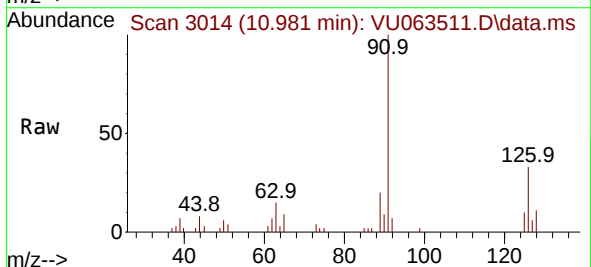
Manual Integrations
APPROVED

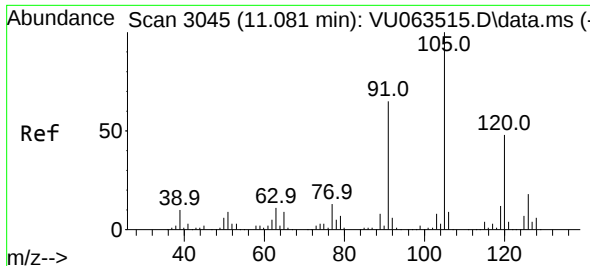
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#74
2-Chlorotoluene
Concen: 0.454 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion:126 Resp: 3528
Ion Ratio Lower Upper
126 100
91 295.8 0.0 606.0





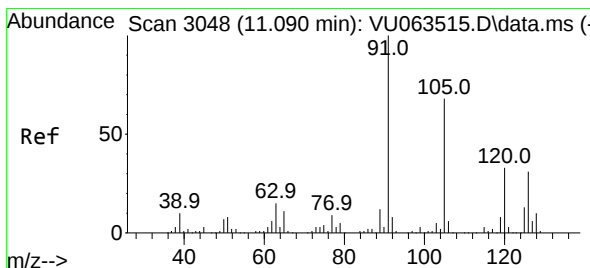
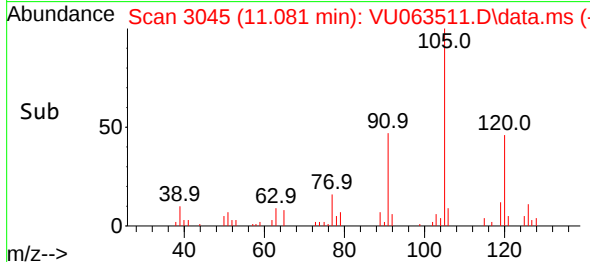
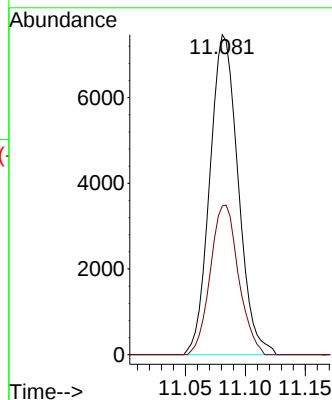
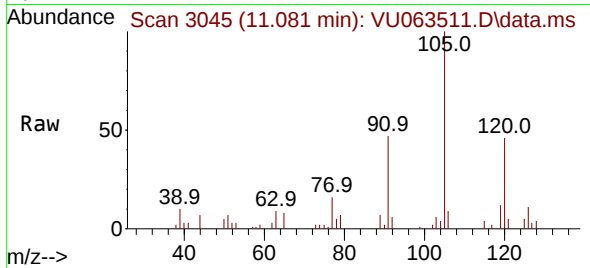
#75
1,3,5-Trimethylbenzene
Concen: 0.441 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:105 Resp: 1228
Ion Ratio Lower Upper
105 100
120 46.5 37.8 56.8

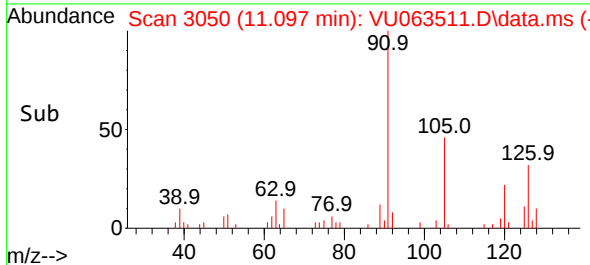
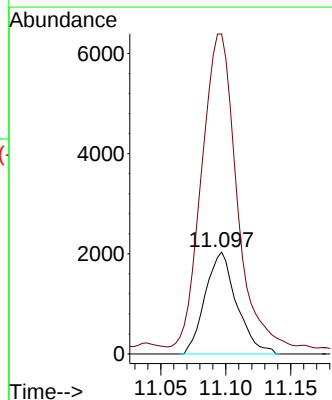
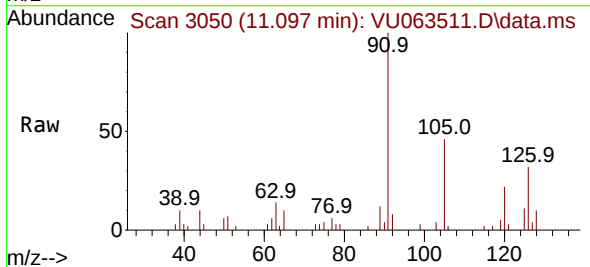
Manual Integrations
APPROVED

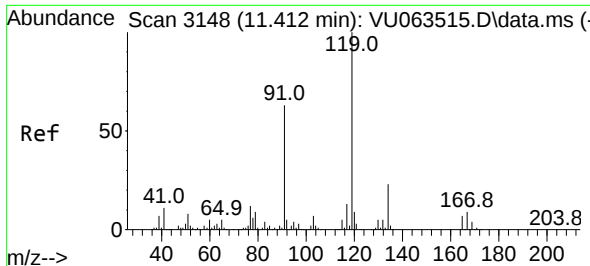
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#76
4-Chlorotoluene
Concen: 0.434 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.007 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

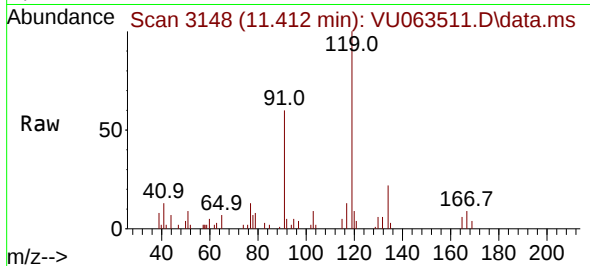
Tgt Ion:126 Resp: 3423
Ion Ratio Lower Upper
126 100
91 339.4 0.0 682.2





#77
tert-Butylbenzene
Concen: 0.455 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

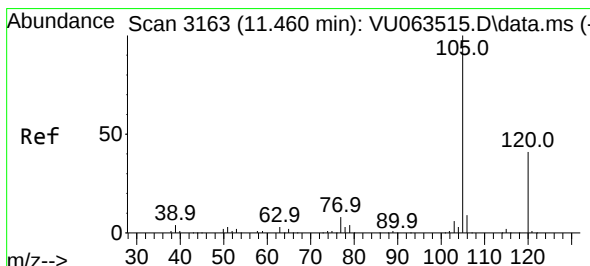
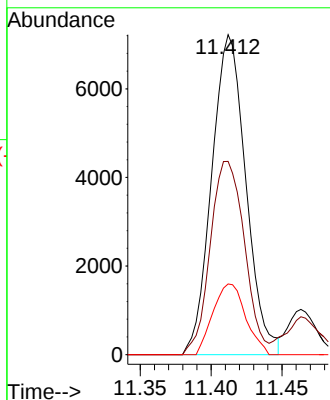
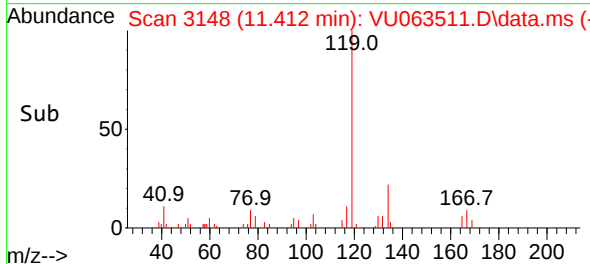
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



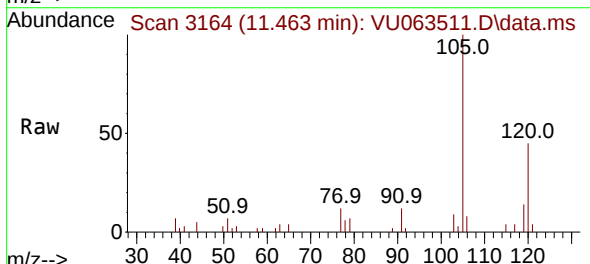
Tgt Ion:119 Resp: 12124
Ion Ratio Lower Upper
119 100
91 60.6 30.7 92.1
134 21.1 18.5 27.7

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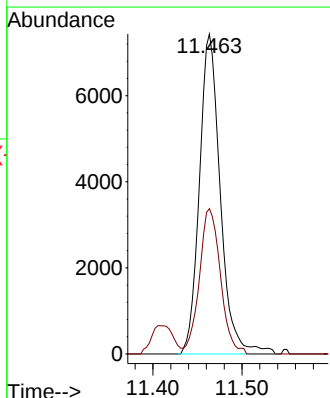
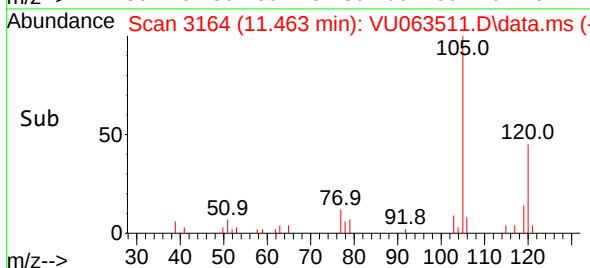
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

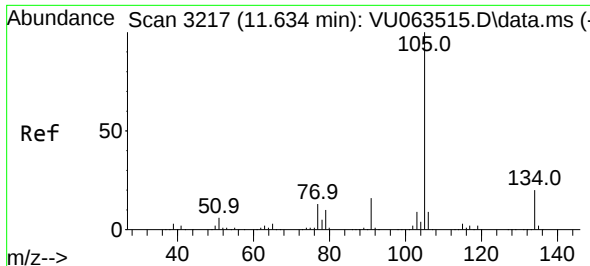


#78
1,2,4-Trimethylbenzene
Concen: 0.438 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24



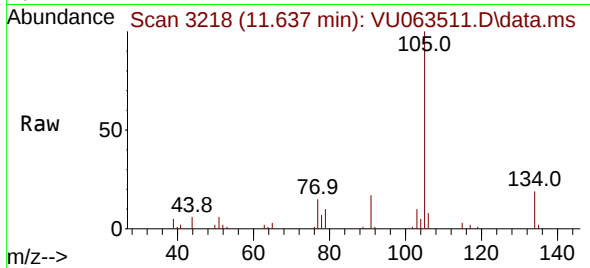
Tgt Ion:105 Resp: 12110
Ion Ratio Lower Upper
105 100
120 45.6 22.7 68.0





#79
 sec-Butylbenzene
 Concen: 0.434 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063511.D
 Acq: 16 Jul 2025 09:24

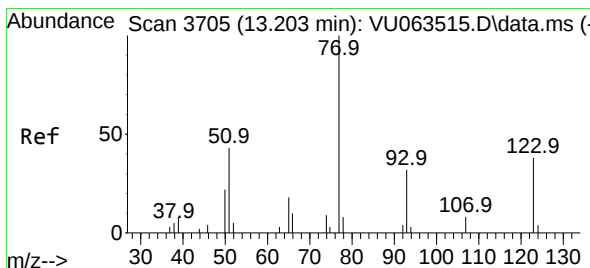
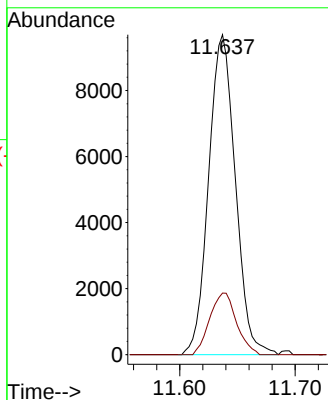
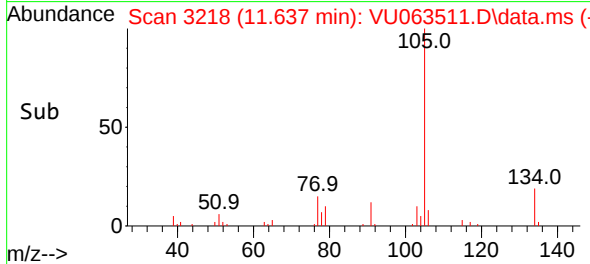
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



Tgt Ion:105 Resp: 15578
 Ion Ratio Lower Upper
 105 100
 134 19.3 16.2 24.4

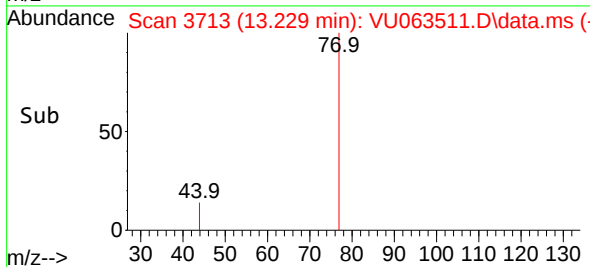
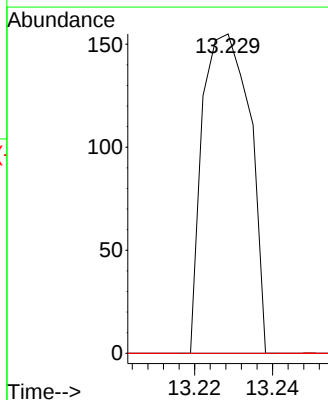
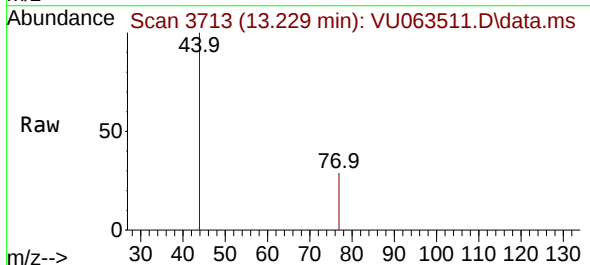
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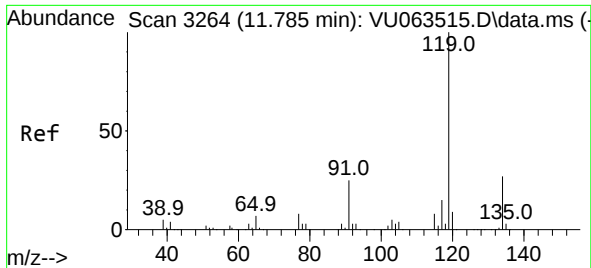
Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025



#80
 Nitrobenzene
 Concen: 2.628 ug/l
 RT: 13.229 min Scan# 3713
 Delta R.T. 0.026 min
 Lab File: VU063511.D
 Acq: 16 Jul 2025 09:24

Tgt Ion: 77 Resp: 131
 Ion Ratio Lower Upper
 77 100
 123 0.0 16.9 59.7#
 65 0.0 16.5 20.9#





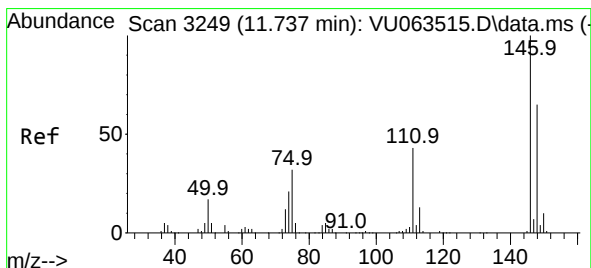
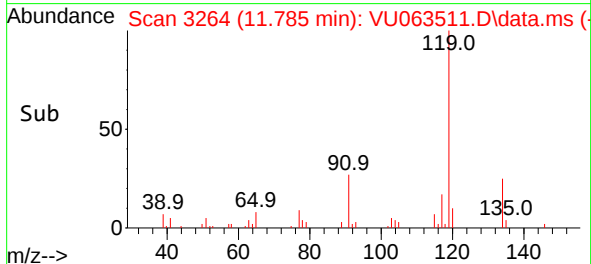
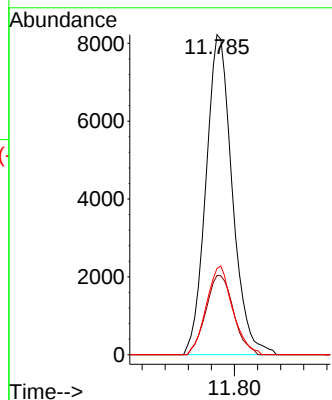
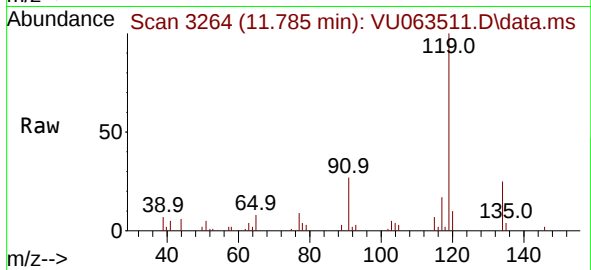
#81
p-Isopropyltoluene
Concen: 0.433 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:119 Resp: 1300
Ion Ratio Lower Upper
119 100
134 26.0 21.1 31.7
91 27.6 19.8 29.8

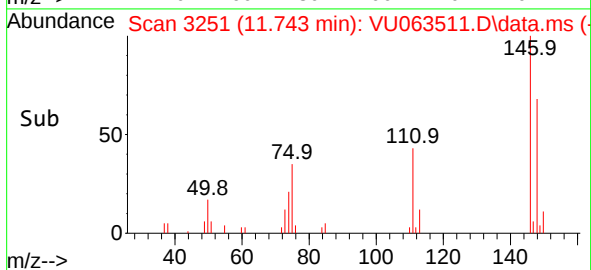
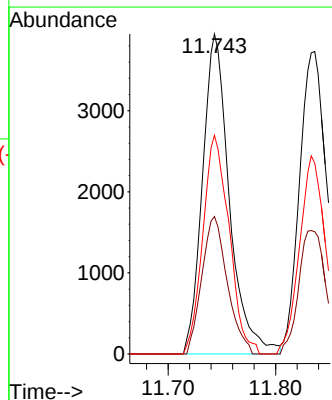
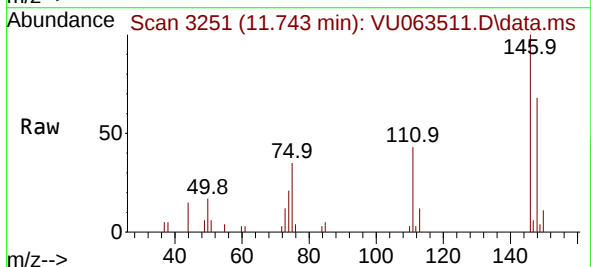
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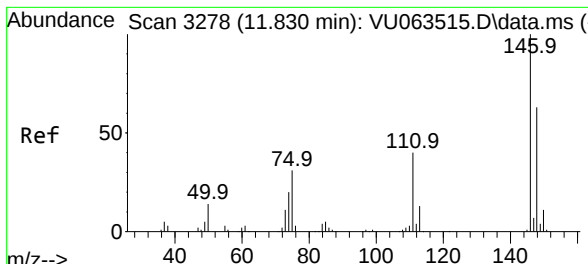
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#82
1,3-Dichlorobenzene
Concen: 0.455 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.007 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

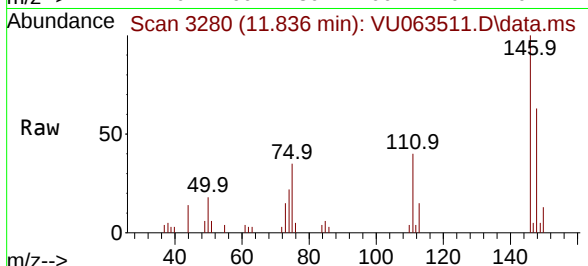
Tgt Ion:146 Resp: 6856
Ion Ratio Lower Upper
146 100
111 40.7 33.8 50.6
148 66.7 51.5 77.3





#83
1,4-Dichlorobenzene
Concen: 0.432 ug/l
RT: 11.836 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

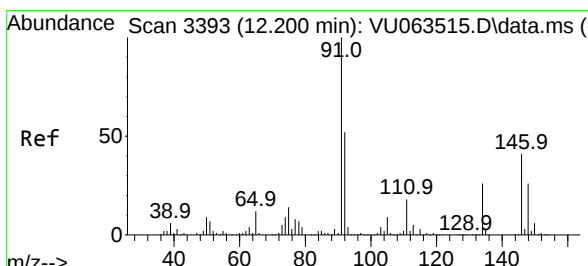
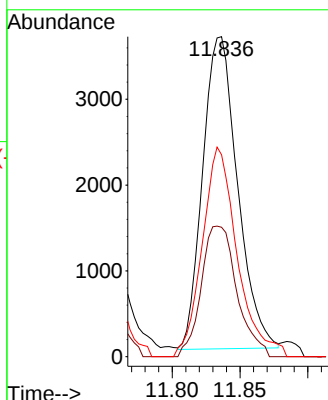
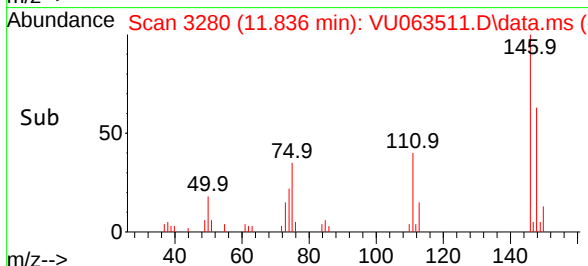
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



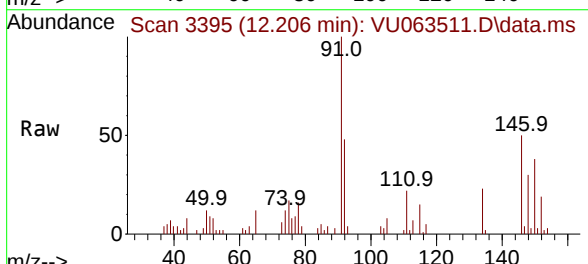
Tgt Ion:146 Resp: 6510
Ion Ratio Lower Upper
146 100
111 42.7 32.0 48.0
148 67.1 50.2 75.2

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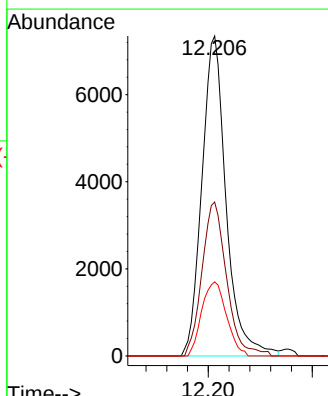
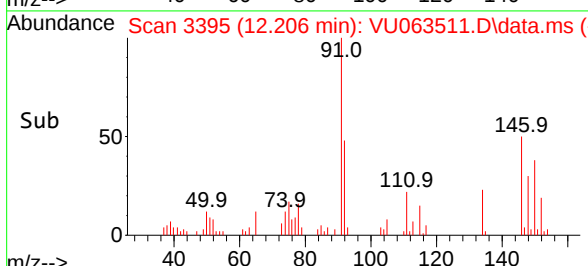
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

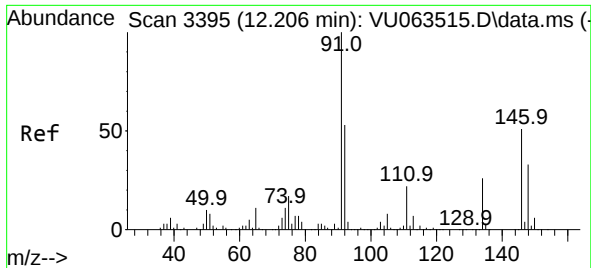


#84
n-Butylbenzene
Concen: 0.427 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.006 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24



Tgt Ion: 91 Resp: 11864
Ion Ratio Lower Upper
91 100
92 49.0 41.5 62.3
134 23.6 20.6 30.8





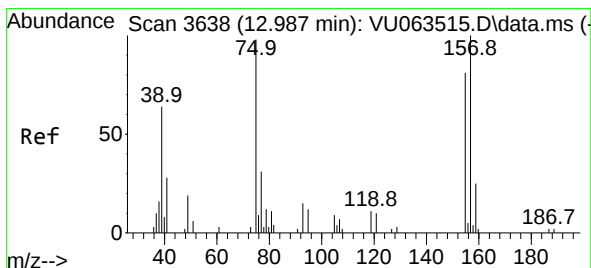
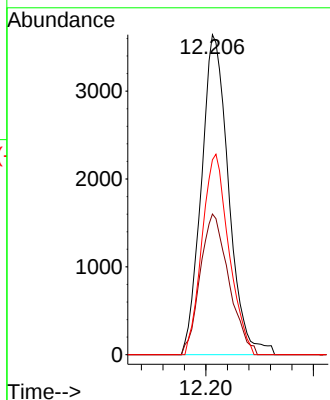
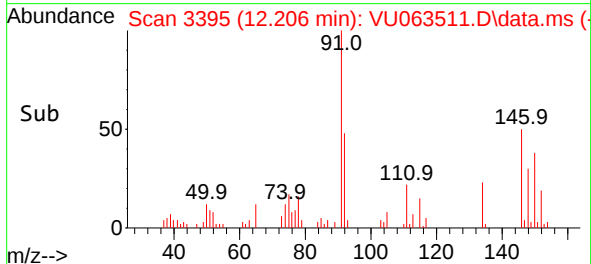
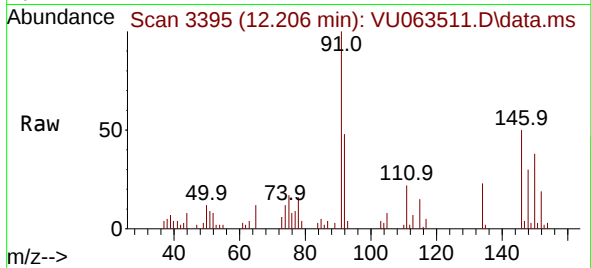
#85
1,2-Dichlorobenzene
Concen: 0.452 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:146 Resp: 640
Ion Ratio Lower Upper
146 100
111 46.3 21.7 65.1
148 61.8 31.8 95.3

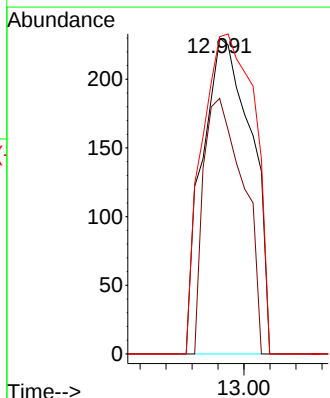
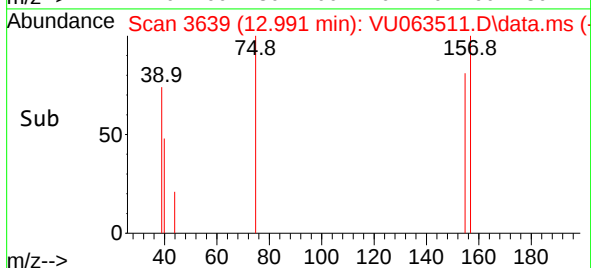
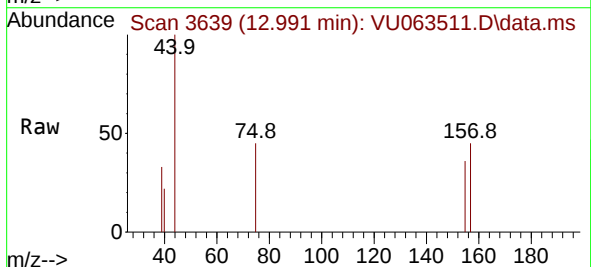
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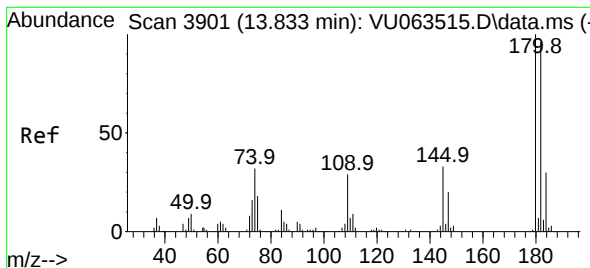
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.533 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. 0.004 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion: 75 Resp: 302
Ion Ratio Lower Upper
75 100
155 65.9 65.8 98.6
157 108.6 81.4 122.2





#87

1,2,4-Trichlorobenzene

Concen: 0.439 ug/l

RT: 13.843 min Scan# 3904

Delta R.T. 0.010 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

Instrument :

MSVOA_U

ClientSampleId :

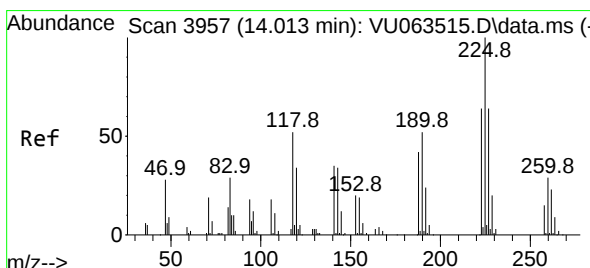
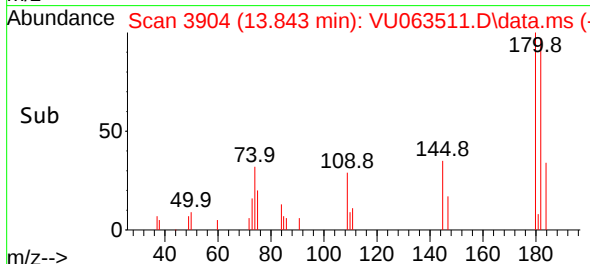
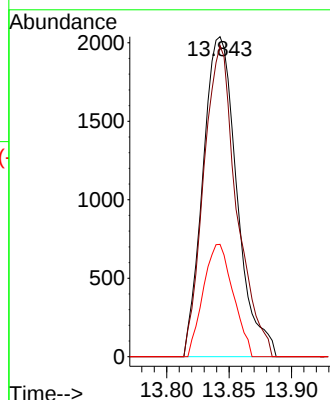
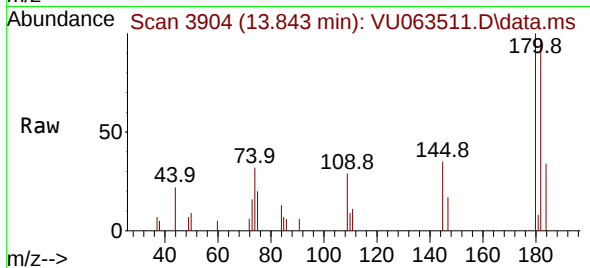
VSTDICC0.5

Tgt Ion:	180	Resp:	386
Ion Ratio	Lower	Upper	
180	100		
182	94.2	76.2	114.4
145	30.8	26.2	39.2

Manual Integrations

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Supervised By :Semsettin Yesilyurt 07/17/2025



#88

Hexachlorobutadiene

Concen: 0.456 ug/l

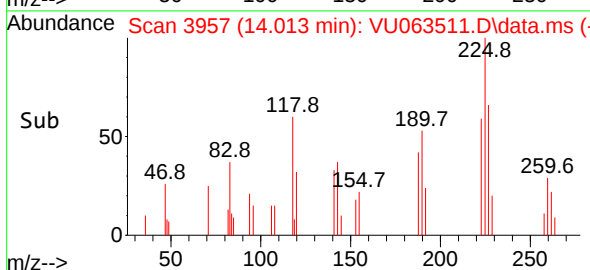
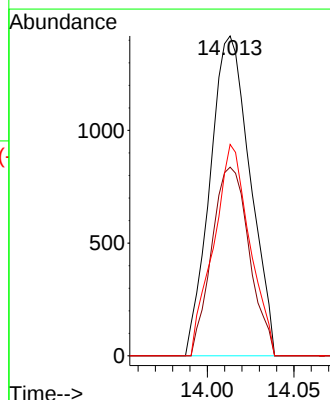
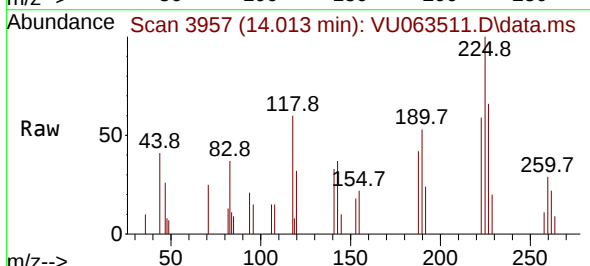
RT: 14.013 min Scan# 3957

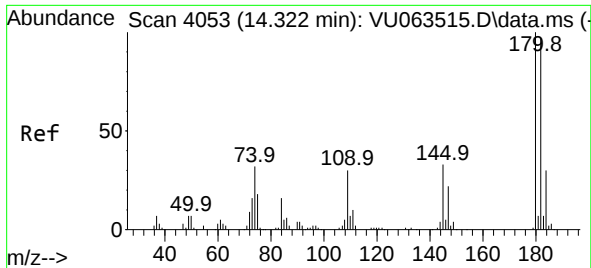
Delta R.T. 0.000 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

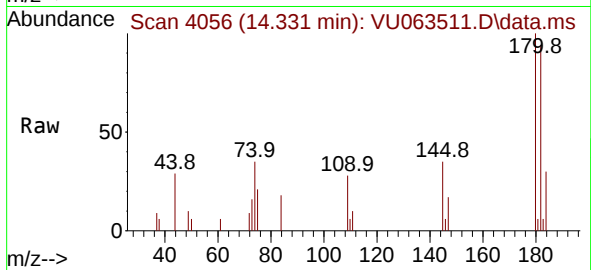
Tgt Ion:	225	Resp:	2280
Ion Ratio	Lower	Upper	
225	100		
223	55.3	50.8	76.2
227	59.5	51.0	76.6





#90
 1,2,3-Trichlorobenzene
 Concen: 0.420 ug/l
 RT: 14.331 min Scan# 4056
 Delta R.T. 0.010 min
 Lab File: VU063511.D
 Acq: 16 Jul 2025 09:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



Tgt Ion:180 Resp: 342
 Ion Ratio Lower Upper
 180 100
 182 98.9 78.0 117.0
 145 33.1 27.3 40.9

Manual Integrations
 APPROVED

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

