

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021025\
 Data File : VU063219.D
 Acq On : 10 Feb 2025 12:59
 Operator : MD/SY
 Sample : VSTDICC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025

Quant Time: Feb 11 03:57:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 03:56:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	49900	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	15091	0.917	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	15652	0.914	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	8130	0.501	ug/l	99
3) Chloromethane	1.518	50	9740	0.522	ug/l	100
4) Vinyl Chloride	1.599	62	9090	0.492	ug/l	98
5) Bromomethane	1.849	94	4941	0.578	ug/l	82
6) Chloroethane	1.927	64	6121	0.526	ug/l	90
7) Trichlorofluoromethane	2.129	101	10617	0.485	ug/l	92
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	6464	0.520	ug/l	95
9) 1,1-Dichloroethene	2.573	96	6378	0.504	ug/l	95
11) Allyl Chloride	2.917	41	8493	0.467	ug/l	91
12) Acrylonitrile	3.332	53	2569m	0.893	ug/l	
13) Acetone	2.618	43	6197	2.760	ug/l	90
14) Carbon Disulfide	2.782	76	23559	0.532	ug/l	100
15) Methylene Chloride	3.033	84	8284	0.530	ug/l	96
16) trans-1,2-Dichloroethene	3.348	96	7275	0.504	ug/l	99
17) 1,1-Dichloroethane	3.856	63	13044	0.479	ug/l	96
18) 2-Butanone	4.730	43	8910m	2.456	ug/l	
19) Cyclohexane	5.377	56	10342m	0.473	ug/l	
20) Methylcyclohexane	6.753	83	9399	0.433	ug/l	96
21) 2,2-Dichloropropane	4.653	77	10817	0.509	ug/l	95
22) cis-1,2-Dichloroethene	4.663	96	7417	0.475	ug/l	91
23) Diethyl Ether	2.367	59	5553	0.511	ug/l	95
25) Methyl tert-Butyl Ether	3.354	73	14531	0.460	ug/l	98
26) Bromochloromethane	4.968	128	3323	0.487	ug/l	95
27) Chloroform	5.081	83	13627	0.496	ug/l	93
28) 1,1,1-Trichloroethane	5.306	97	10801	0.485	ug/l	98
29) 1,1-Dichloropropene	5.518	75	9175	0.460	ug/l	99
30) Carbon Tetrachloride	5.515	117	9251	0.485	ug/l	93
31) Isopropyl Ether	3.978	45	17908	0.461	ug/l	98
32) Ethyl-t-butyl ether	4.492	59	16177	0.458	ug/l	99
33) Tert-Amyl methyl ether	5.930	73	13471	0.436	ug/l	99
34) Propionitrile	4.801	54	2034m	1.809	ug/l	
35) Benzene	5.769	78	29011	0.473	ug/l	98
36) 1,2-Dichloroethane	5.791	62	8750	0.494	ug/l	# 95
37) Trichloroethene	6.537	130	7149	0.490	ug/l	94
38) 1,2-Dichloropropane	6.782	63	7842	0.489	ug/l	98
39) Methacrylonitrile	5.017	41	1535m	0.382	ug/l	
40) Methyl acrylate	4.920	55	2955m	0.403	ug/l	
41) Tetrahydrofuran	5.065	42	2289	0.970	ug/l	# 58
42) 1-Chlorobutane	5.451	56	12081	0.443	ug/l	92
43) Dibromomethane	6.910	93	4024	0.495	ug/l	94
44) Bromodichloromethane	7.100	83	8280	0.438	ug/l	# 99
45) 4-Methyl-2-Pentanone	7.785	43	18398	2.160	ug/l	# 91
46) t-1,4-Dichloro-2-butene	10.823	75	3537m	0.839	ug/l	

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 VSTDICC0.5

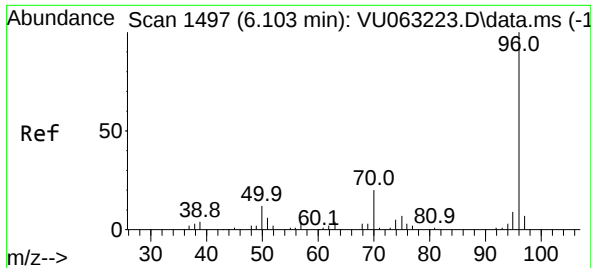
Manual Integrations
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Reviewed By :Amit Patel 02/12/2025
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Quant Time: Feb 11 03:57:11 2025
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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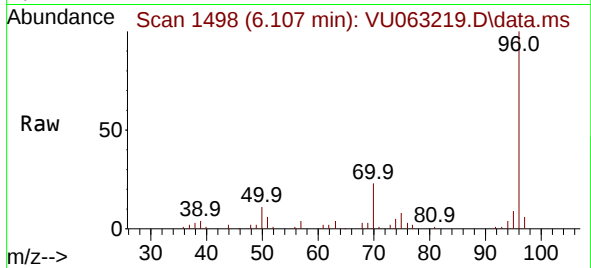
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.965	69	5580m	0.815	ug/l	
48) Ethyl methacrylate	8.332	69	4839	0.377	ug/l	91
49) Toluene	7.962	92	15136	0.429	ug/l	97
50) t-1,3-Dichloropropene	8.209	75	7086	0.409	ug/l	99
51) cis-1,3-Dichloropropene	7.605	75	9424	0.441	ug/l	91
52) 1,1,2-Trichloroethane	8.393	97	5257	0.480	ug/l	94
53) 1,3-Dichloropropane	8.566	76	8834	0.454	ug/l	96
54) 2-Hexanone	8.685	43	11692m	2.011	ug/l	
55) Dibromochloromethane	8.801	129	5934	0.471	ug/l	97
56) 1,2-Dibromoethane	8.917	107	4834	0.470	ug/l	90
58) Tetrachloroethene	8.544	164	6044	0.503	ug/l	88
59) Chlorobenzene	9.441	112	16870	0.453	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.524	131	6349	0.475	ug/l	97
61) Pentachloroethane	11.418	117	5212	0.436	ug/l	98
62) Hexachloroethane	12.466	117	4467	0.423	ug/l	97
63) Ethyl Benzene	9.563	91	26810	0.418	ug/l	98
64) m/p-Xylenes	9.685	106	18658	0.778	ug/l	96
65) o-Xylene	10.094	106	9329	0.398	ug/l	99
66) Styrene	10.113	104	14012	0.375	ug/l	98
67) Bromoform	10.283	173	3160	0.442	ug/l	95
69) Isopropylbenzene	10.476	105	22191	0.402	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	6493	0.440	ug/l	97
71) 1,2,3-Trichloropropane	10.817	75	5487m	0.490	ug/l	
72) Bromobenzene	10.778	156	6302	0.424	ug/l	92
73) n-propylbenzene	10.901	120	6029	0.382	ug/l	97
74) 2-Chlorotoluene	10.981	126	5699	0.392	ug/l	97
75) 1,3,5-Trimethylbenzene	11.081	105	18487	0.362	ug/l	98
76) 4-Chlorotoluene	11.093	126	5912	0.396	ug/l	88
77) tert-Butylbenzene	11.412	119	21304	0.412	ug/l	95
78) 1,2,4-Trimethylbenzene	11.460	105	17694	0.349	ug/l	95
79) sec-Butylbenzene	11.637	105	25352	0.385	ug/l	100
81) p-Isopropyltoluene	11.785	119	18576	0.358	ug/l	98
82) 1,3-Dichlorobenzene	11.740	146	13255	0.460	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	12096	0.429	ug/l	99
84) n-Butylbenzene	12.206	91	17297	0.369	ug/l	95
85) 1,2-Dichlorobenzene	12.209	146	11996	0.433	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.997	75	779	0.376	ug/l	90
87) 1,2,4-Trichlorobenzene	13.839	180	5130	0.380	ug/l	94
88) Hexachlorobutadiene	14.013	225	4651	0.482	ug/l	96
89) Naphthalene	14.097	128	7859	0.899	ug/l #	93
90) 1,2,3-Trichlorobenzene	14.328	180	5453	0.412	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 1497
Delta R.T. 0.004 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

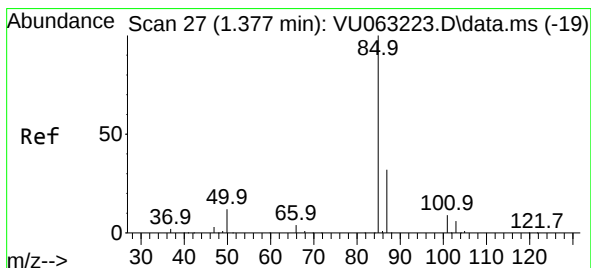
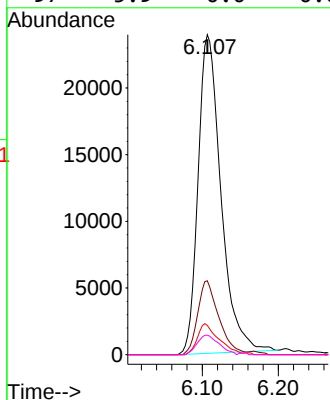
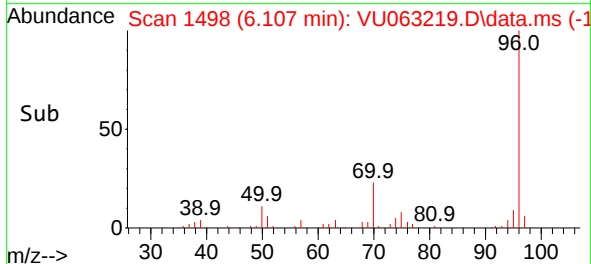
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 96 Resp: 49900
Ion Ratio Lower Upper
96 100
70 20.5 15.6 23.4
95 8.6 7.3 10.9
97 5.9 0.0 0.0#

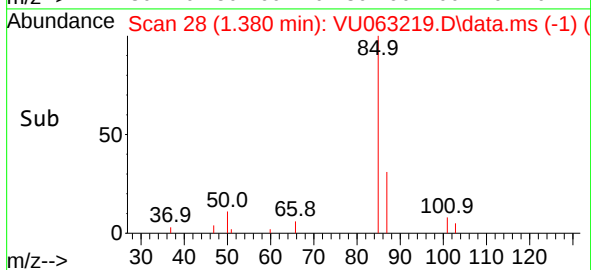
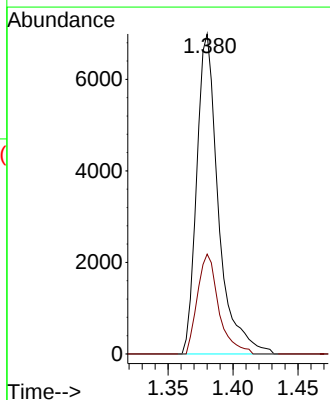
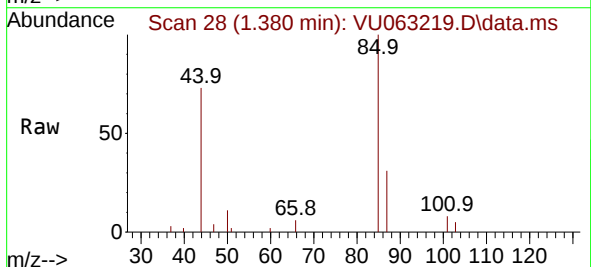
Manual Integrations
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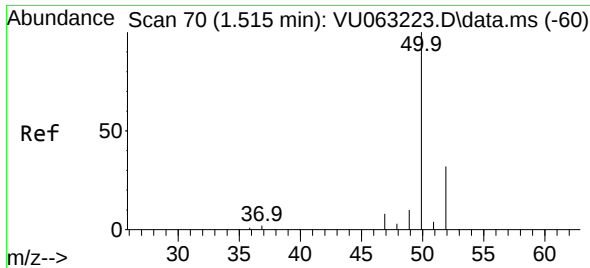
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#2
Dichlorodifluoromethane
Concen: 0.501 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

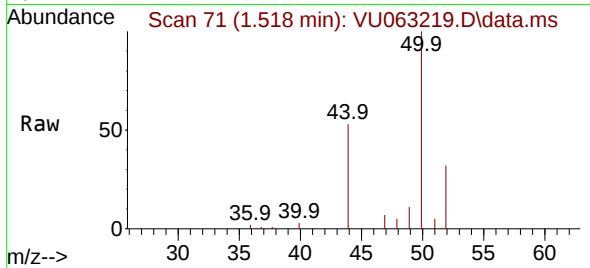
Tgt Ion: 85 Resp: 8130
Ion Ratio Lower Upper
85 100
87 31.2 16.0 48.0





#3
Chloromethane
Concen: 0.522 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

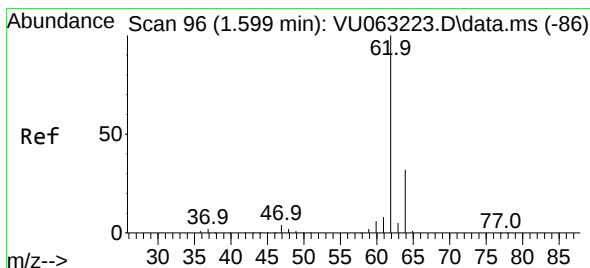
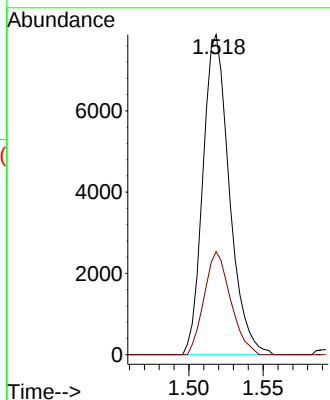
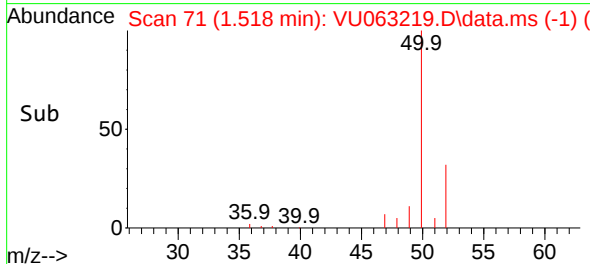
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



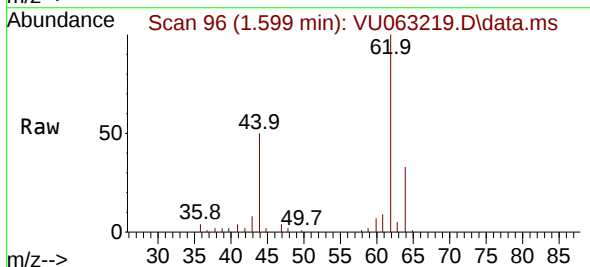
Tgt Ion: 50 Resp: 9740
Ion Ratio Lower Upper
50 100
52 32.2 25.8 38.8

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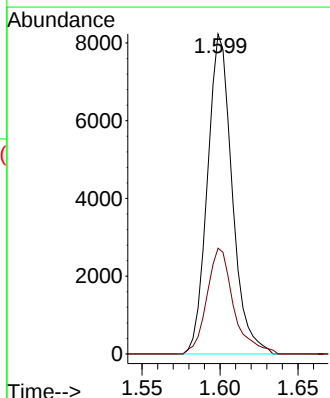
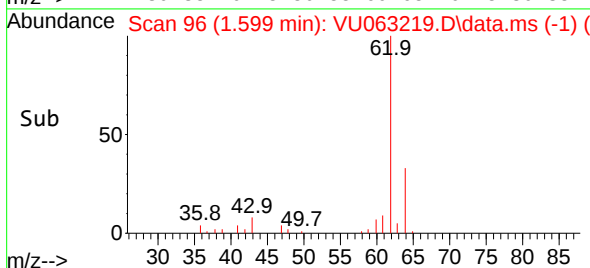
Reviewed By :Amit Patel 02/12/2025
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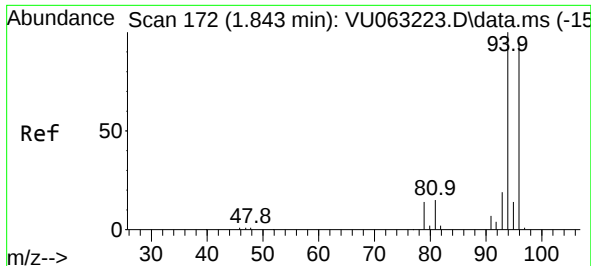


#4
Vinyl Chloride
Concen: 0.492 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59



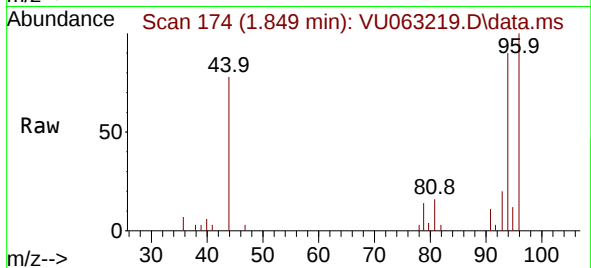
Tgt Ion: 62 Resp: 9090
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.0





#5
Bromomethane
Concen: 0.578 ug/l
RT: 1.849 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

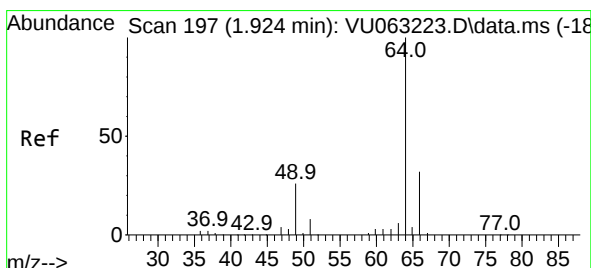
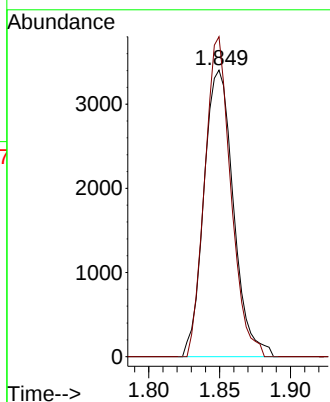
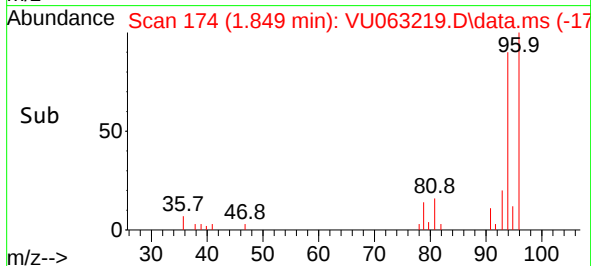
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 94 Resp: 494
Ion Ratio Lower Upper
94 100
96 111.7 75.7 113.5

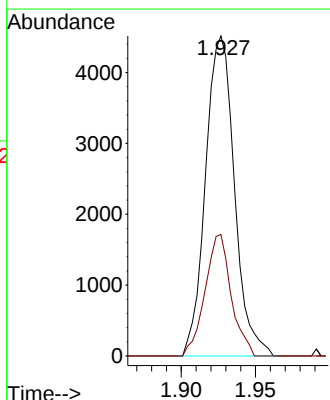
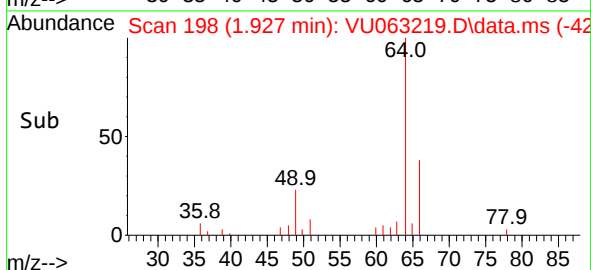
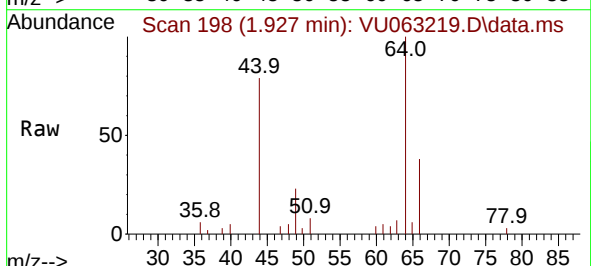
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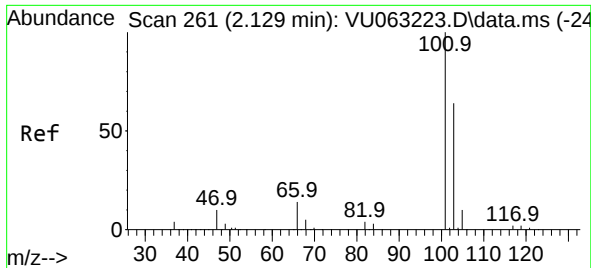
Reviewed By :Amit Patel 02/12/2025
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#6
Chloroethane
Concen: 0.526 ug/l
RT: 1.927 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

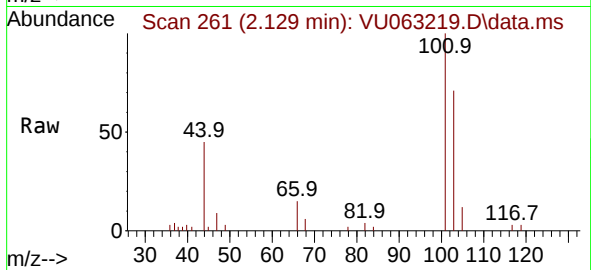
Tgt Ion: 64 Resp: 6121
Ion Ratio Lower Upper
64 100
66 38.0 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 0.485 ug/l
 RT: 2.129 min Scan# 261
 Delta R.T. -0.000 min
 Lab File: VU063219.D
 Acq: 10 Feb 2025 12:59

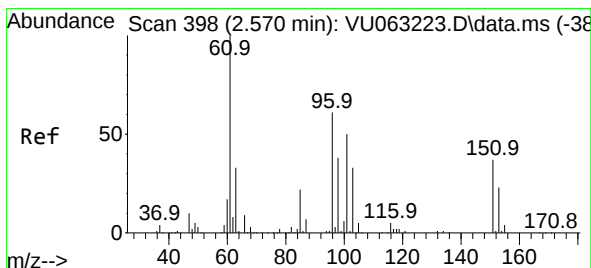
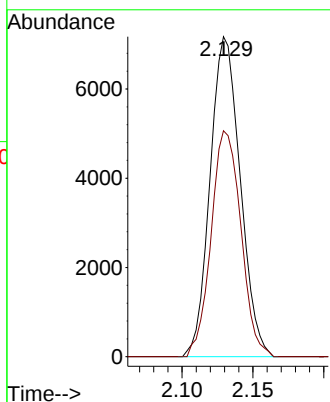
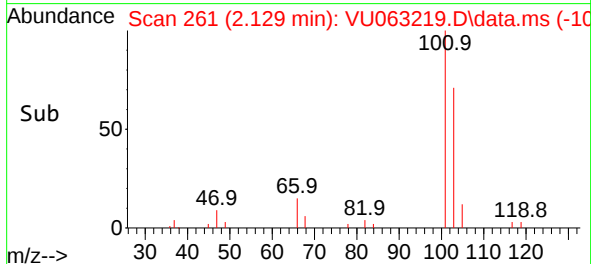
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



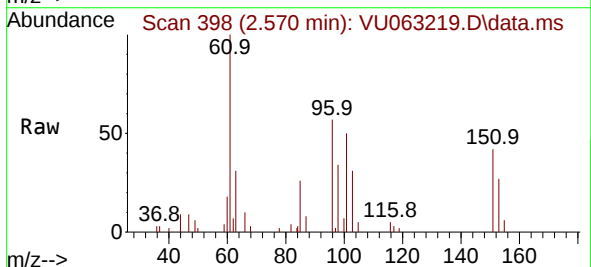
Tgt Ion:101 Resp: 1061
 Ion Ratio Lower Upper
 101 100
 103 70.6 51.4 77.2

Manual Integrations
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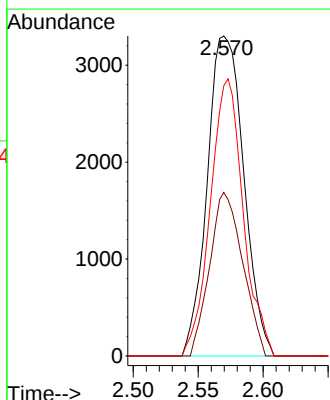
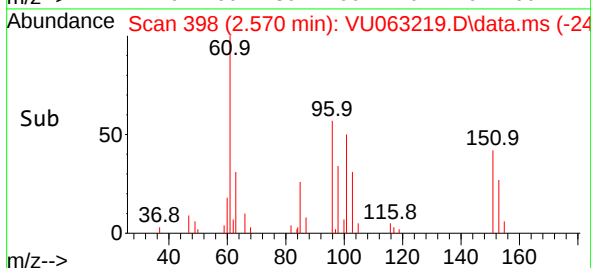
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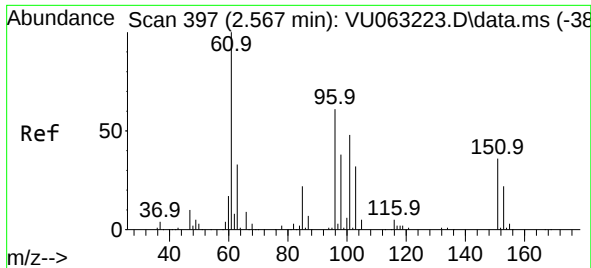


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.520 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU063219.D
 Acq: 10 Feb 2025 12:59



Tgt Ion:101 Resp: 6464
 Ion Ratio Lower Upper
 101 100
 85 46.2 35.4 53.0
 151 77.9 58.5 87.7





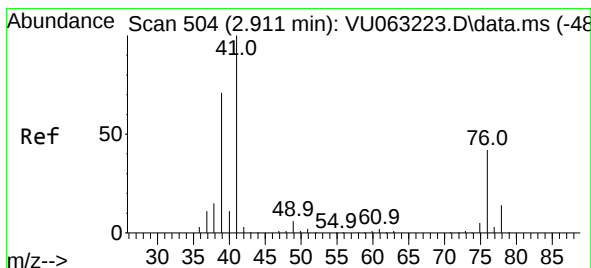
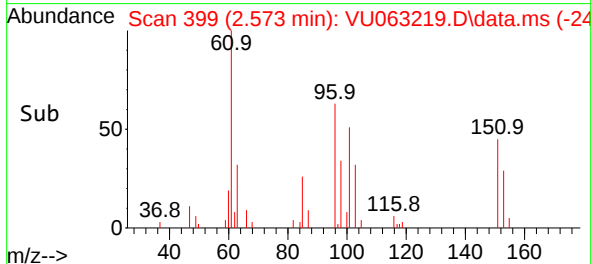
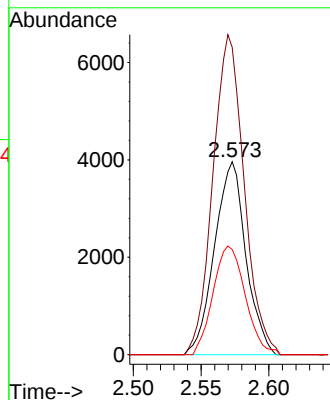
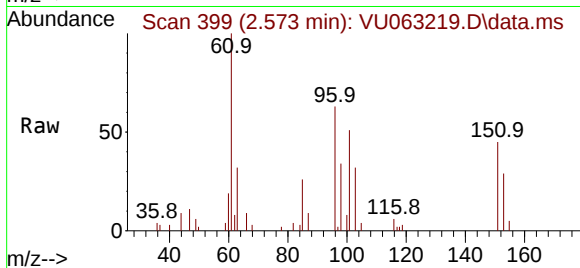
#9
1,1-Dichloroethene
Concen: 0.504 ug/l
RT: 2.573 min Scan# 397
Delta R.T. 0.006 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 96 Resp: 6378
Ion Ratio Lower Upper
96 100
61 159.4 0.0 492.9
98 54.5 0.0 124.0

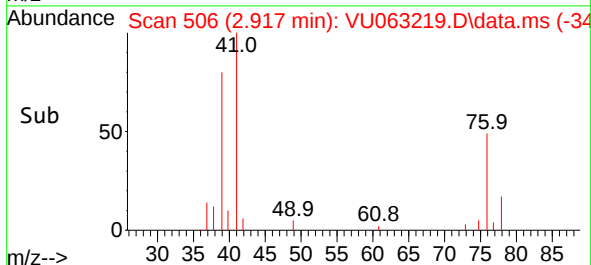
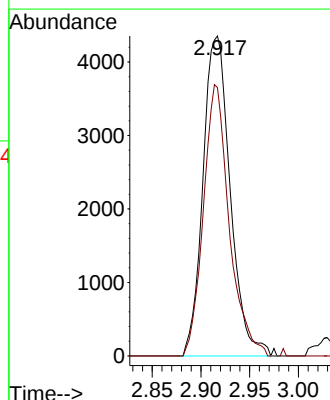
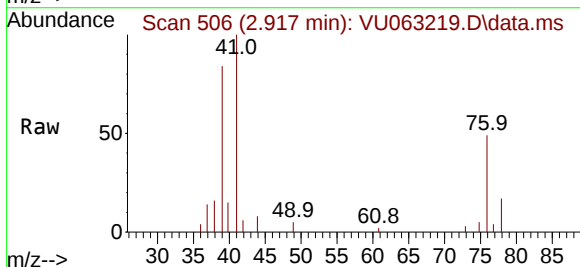
Manual Integrations
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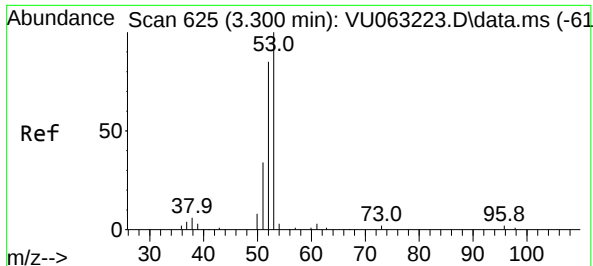
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#11
Allyl Chloride
Concen: 0.467 ug/l
RT: 2.917 min Scan# 506
Delta R.T. 0.006 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

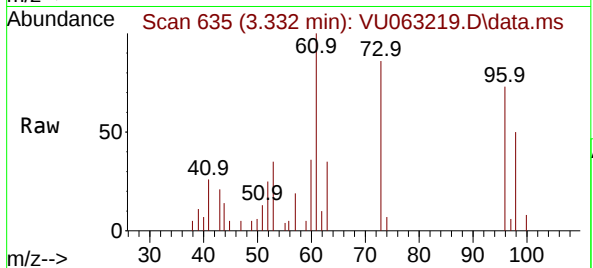
Tgt Ion: 41 Resp: 8493
Ion Ratio Lower Upper
41 100
39 80.2 57.9 86.9





#12
Acrylonitrile
Concen: 0.893 ug/l m
RT: 3.332 min Scan# 61
Delta R.T. 0.032 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

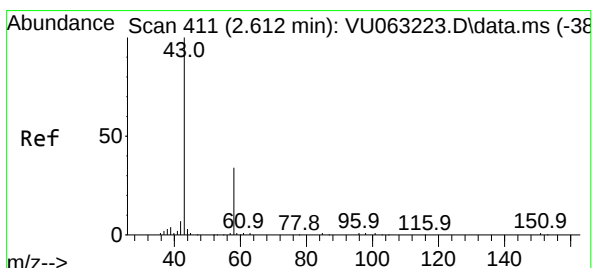
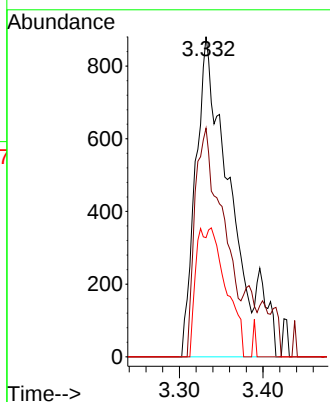
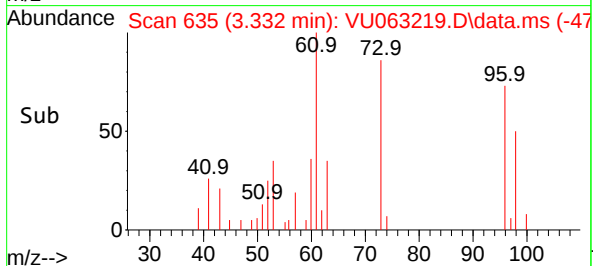
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 53 Resp: 2569
Ion Ratio Lower Upper
53 100
52 57.8 64.2 96.2
51 12.6 30.8 46.2

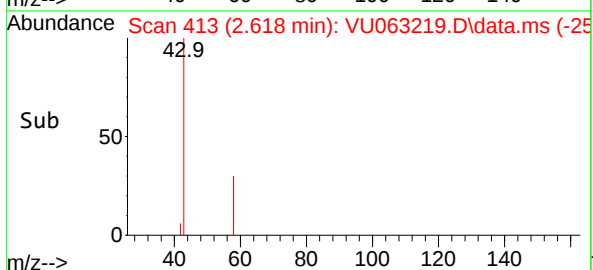
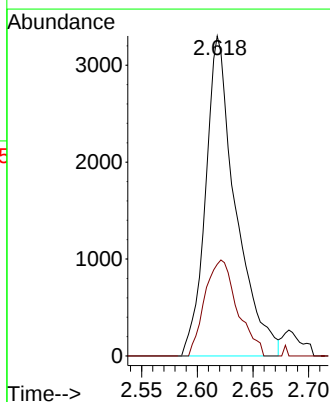
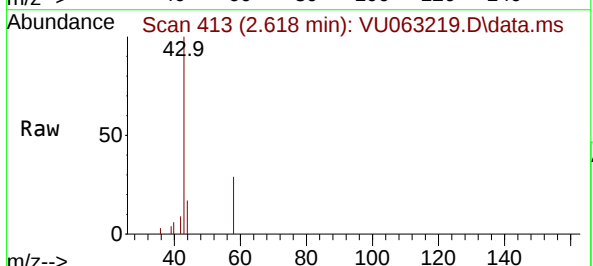
Manual Integrations
APPROVED

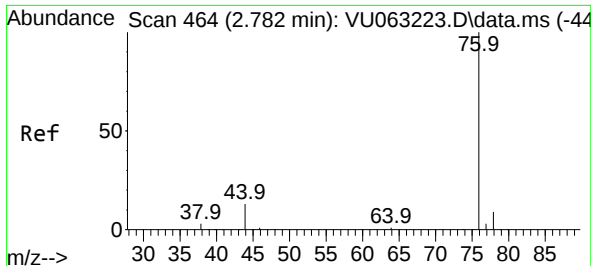
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#13
Acetone
Concen: 2.760 ug/l
RT: 2.618 min Scan# 413
Delta R.T. 0.006 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

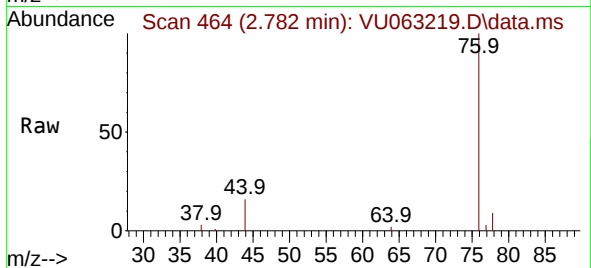
Tgt Ion: 43 Resp: 6197
Ion Ratio Lower Upper
43 100
58 28.6 27.4 41.0





#14
Carbon Disulfide
Concen: 0.532 ug/l
RT: 2.782 min Scan# 464
Delta R.T. -0.000 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

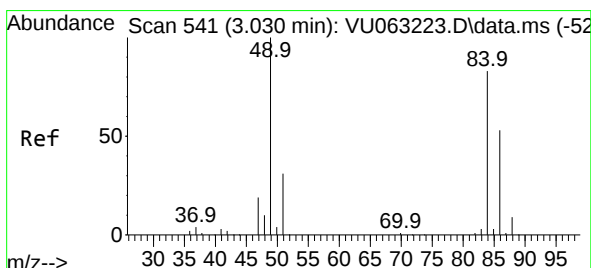
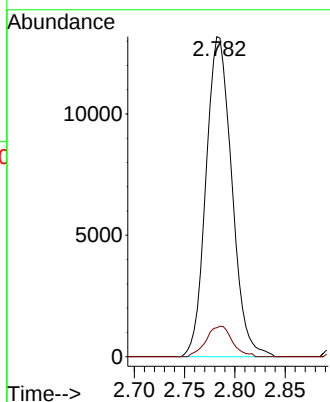
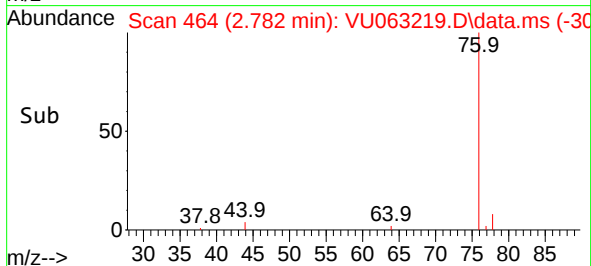
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



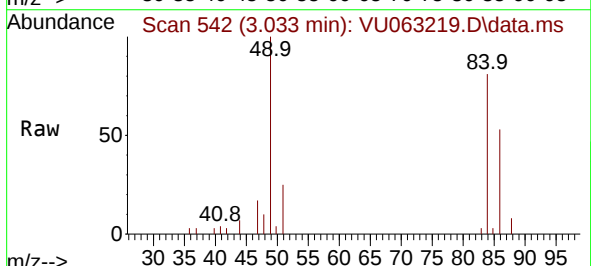
Tgt Ion: 76 Resp: 2355
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

Manual Integrations
APPROVED

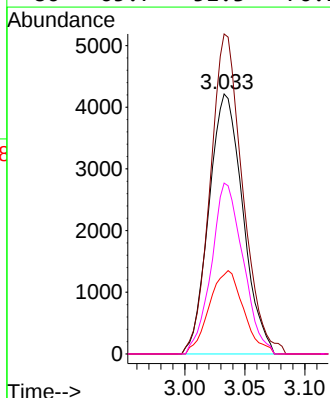
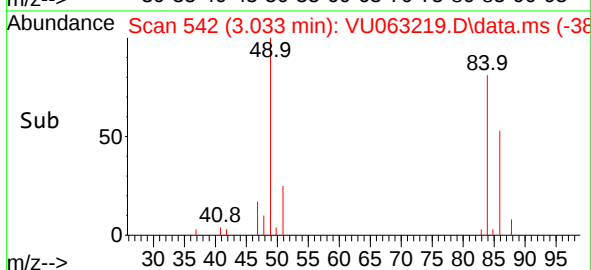
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

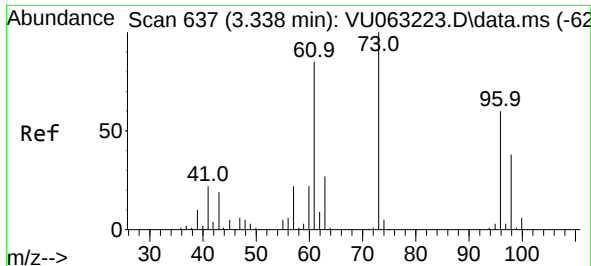


#15
Methylene Chloride
Concen: 0.530 ug/l
RT: 3.033 min Scan# 542
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59



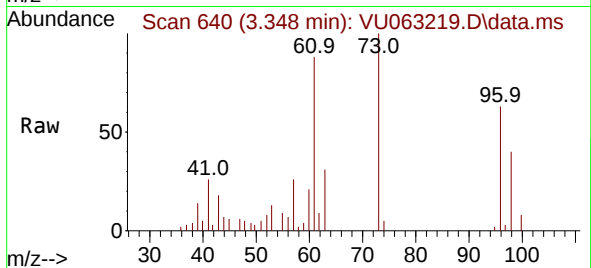
Tgt Ion: 84 Resp: 8284
Ion Ratio Lower Upper
84 100
49 123.1 96.4 144.6
51 30.5 0.0 74.8
86 65.7 51.3 76.9





#16
trans-1,2-Dichloroethene
Concen: 0.504 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.010 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

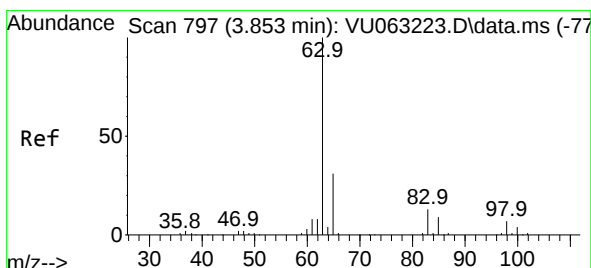
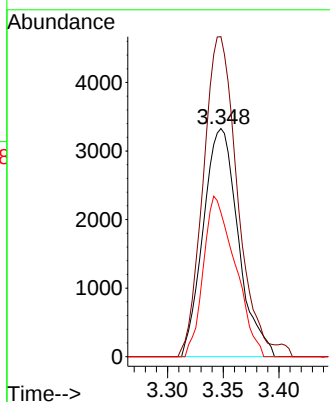
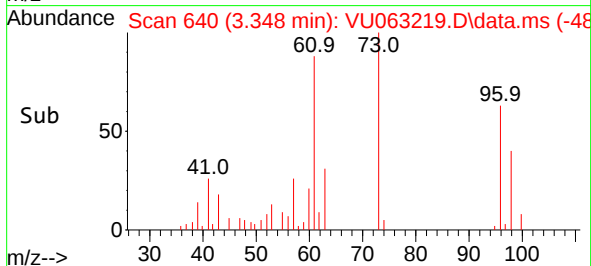
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 96 Resp: 7275
Ion Ratio Lower Upper
96 100
61 140.2 113.4 170.2
98 63.1 51.2 76.8

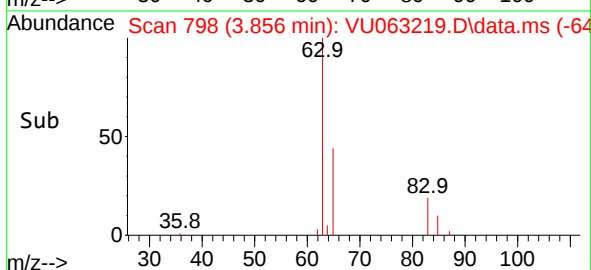
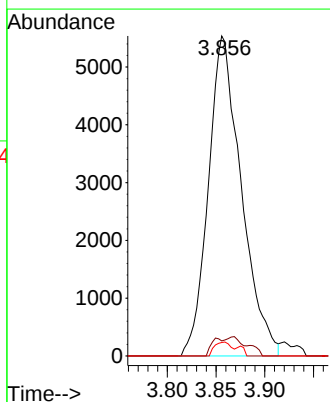
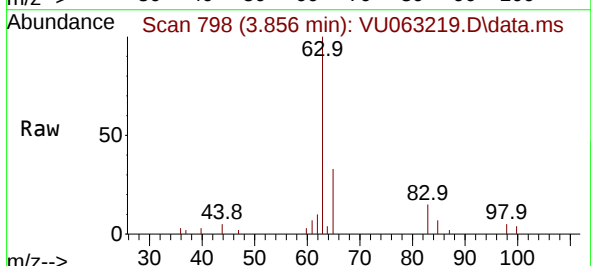
Manual Integrations
APPROVED

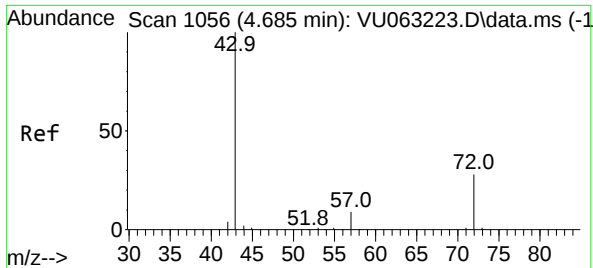
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#17
1,1-Dichloroethane
Concen: 0.479 ug/l
RT: 3.856 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Tgt Ion: 63 Resp: 13044
Ion Ratio Lower Upper
63 100
98 4.7 3.3 9.9
100 4.2 2.1 6.2





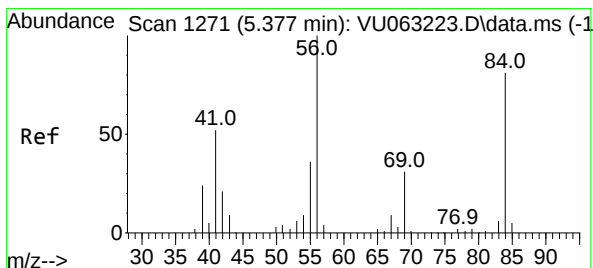
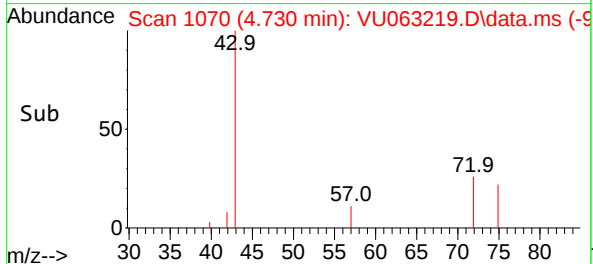
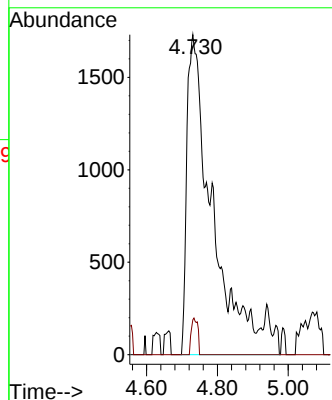
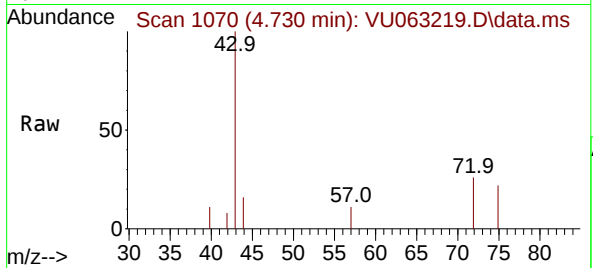
#18
2-Butanone
Concen: 2.456 ug/l m
RT: 4.730 min Scan# 1056
Delta R.T. 0.045 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 8910
Ion Ratio Lower Upper
43 100
57 10.9 0.0 17.0

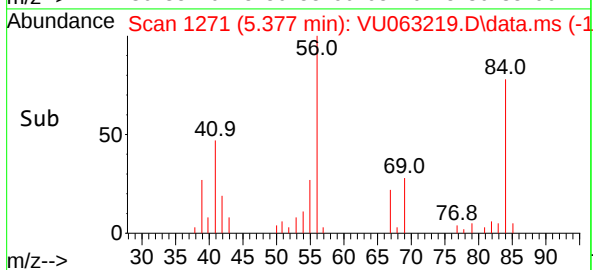
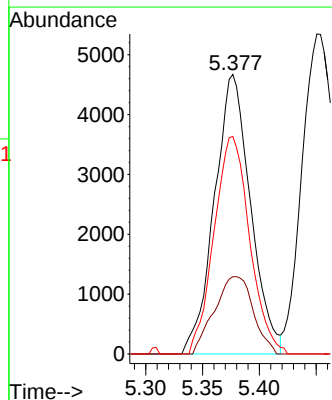
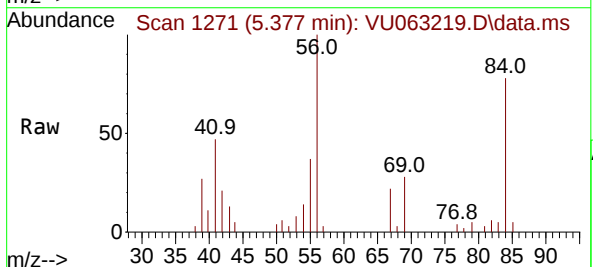
Manual Integrations
APPROVED

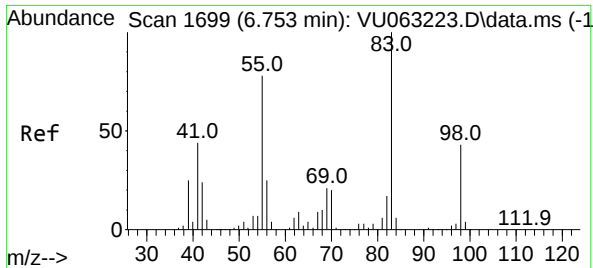
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#19
Cyclohexane
Concen: 0.473 ug/l m
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

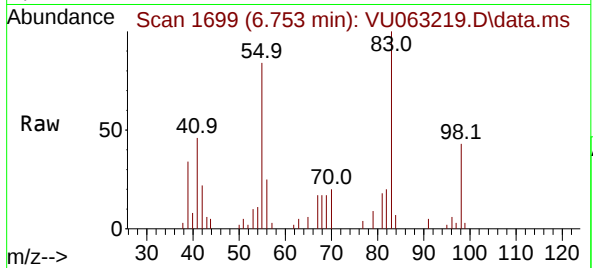
Tgt Ion: 56 Resp: 10342
Ion Ratio Lower Upper
56 100
69 29.7 24.5 36.7
84 76.6 65.2 97.8





#20
Methylcyclohexane
Concen: 0.433 ug/l
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

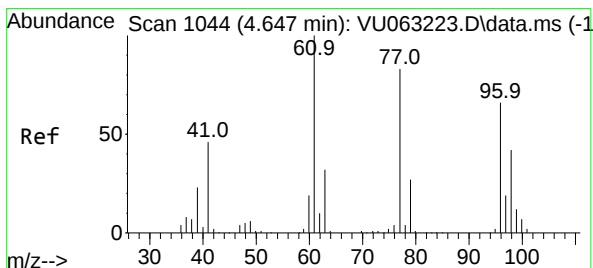
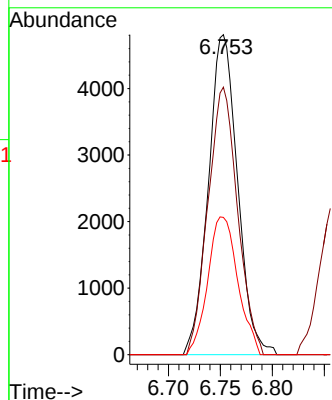
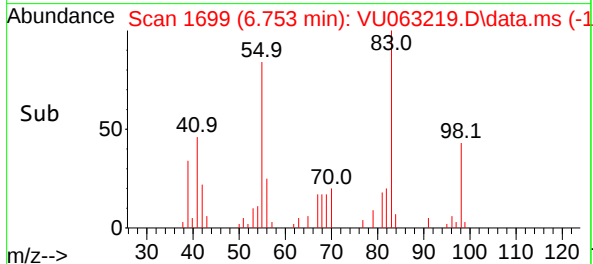
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



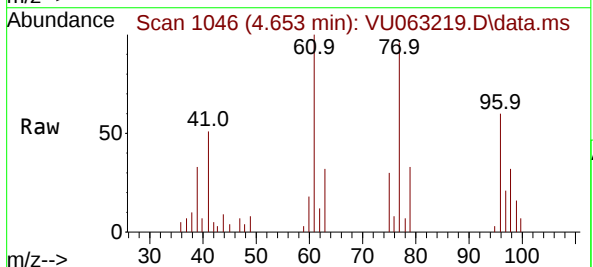
Tgt Ion: 83 Resp: 9399
Ion Ratio Lower Upper
83 100
55 84.6 63.1 94.7
98 44.2 35.2 52.8

Manual Integrations
APPROVED

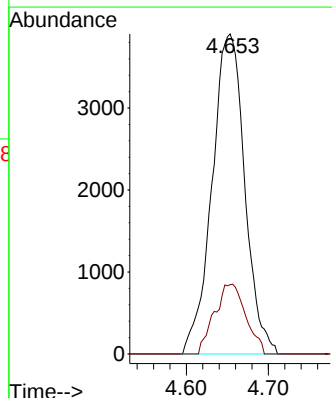
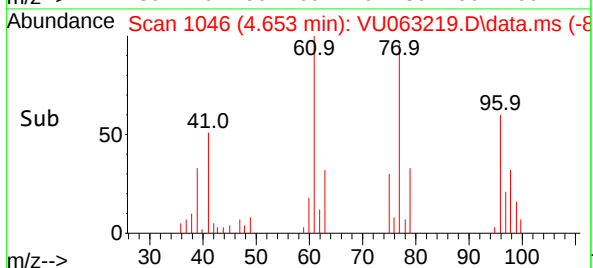
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

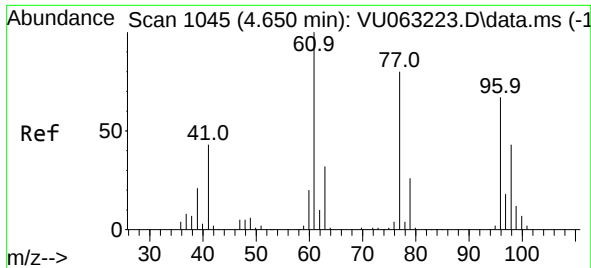


#21
2,2-Dichloropropane
Concen: 0.509 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. 0.006 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59



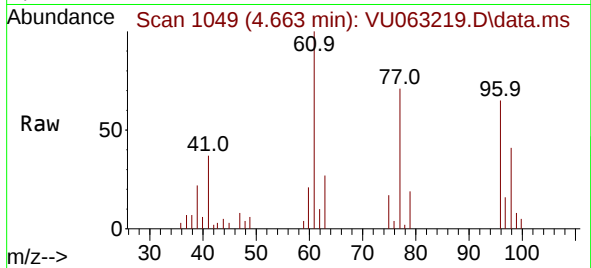
Tgt Ion: 77 Resp: 10817
Ion Ratio Lower Upper
77 100
97 20.9 18.5 27.7





#22
cis-1,2-Dichloroethene
Concen: 0.475 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.013 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

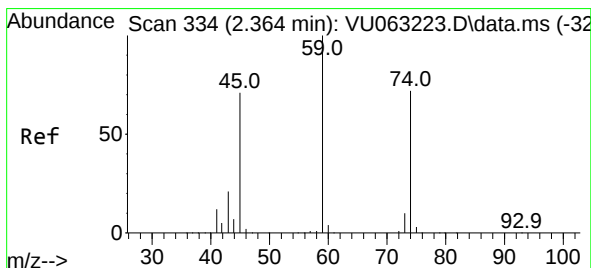
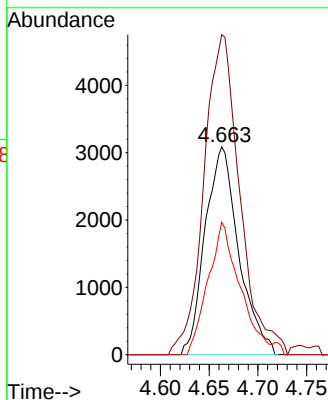
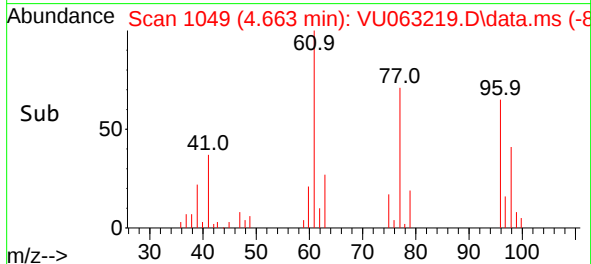
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 96 Resp: 741
Ion Ratio Lower Upper
96 100
61 163.8 0.0 373.3
98 60.6 31.9 95.9

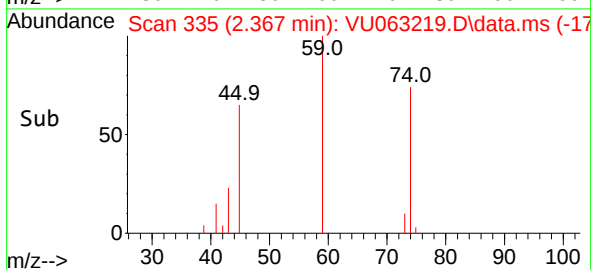
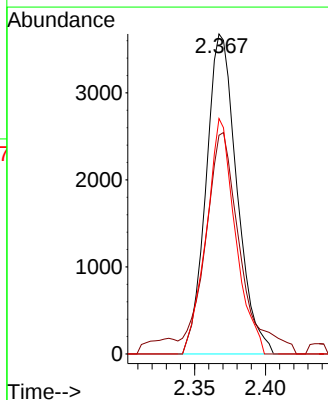
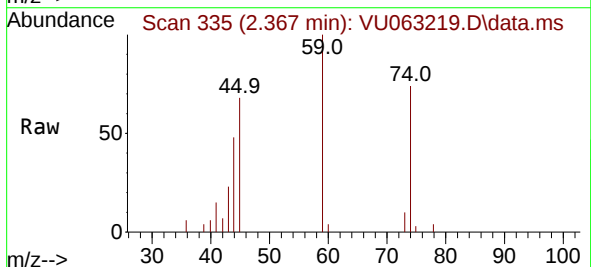
Manual Integrations
APPROVED

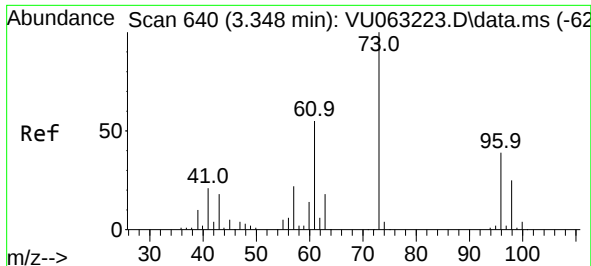
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#23
Diethyl Ether
Concen: 0.511 ug/l
RT: 2.367 min Scan# 335
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

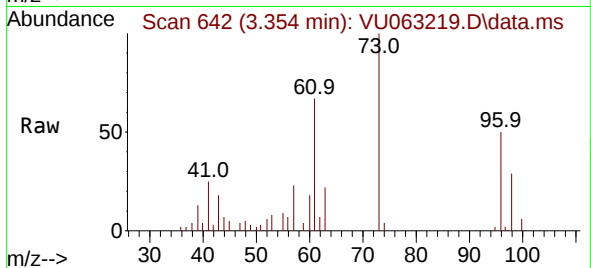
Tgt Ion: 59 Resp: 5553
Ion Ratio Lower Upper
59 100
45 77.3 57.8 86.6
74 69.4 57.7 86.5





#25
Methyl tert-Butyl Ether
Concen: 0.460 ug/l
RT: 3.354 min Scan# 640
Delta R.T. 0.006 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

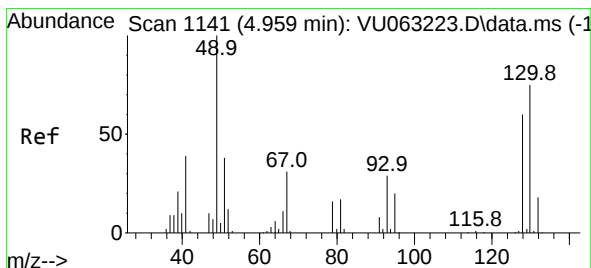
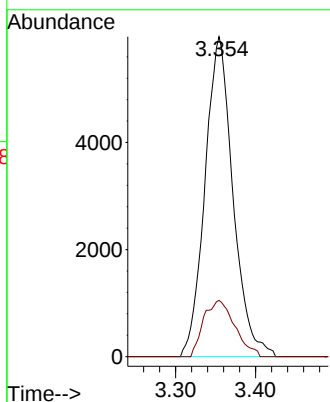
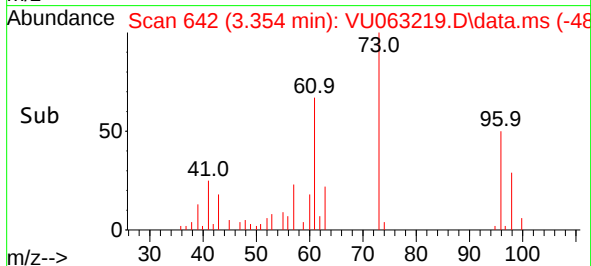
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



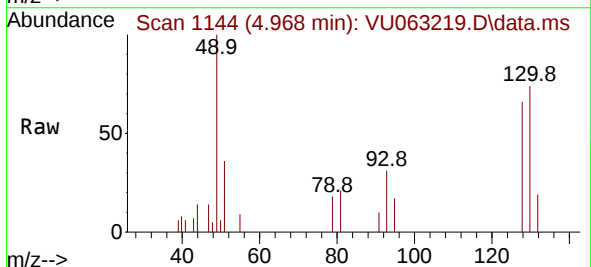
Tgt Ion: 73 Resp: 1453
Ion Ratio Lower Upper
73 100
43 19.6 14.9 22.3

Manual Integrations
APPROVED

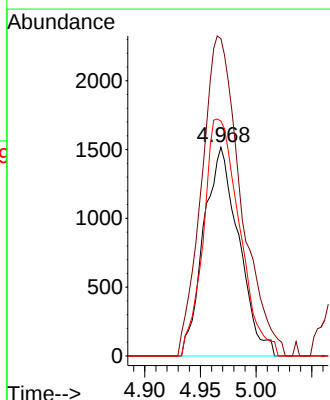
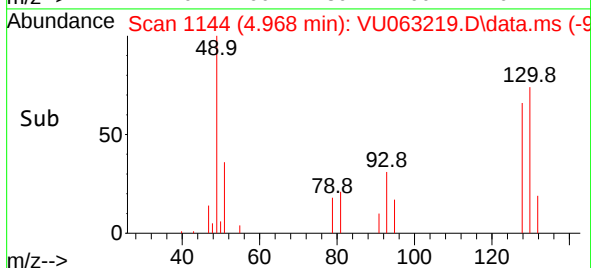
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

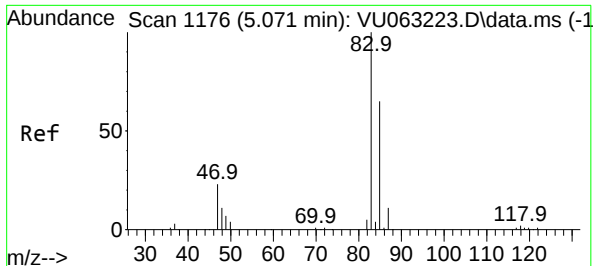


#26
Bromochloromethane
Concen: 0.487 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.010 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59



Tgt Ion:128 Resp: 3323
Ion Ratio Lower Upper
128 100
49 171.5 0.0 343.4
130 116.6 102.9 154.3





#27

Chloroform

Concen: 0.496 ug/l

RT: 5.081 min Scan# 1176

Delta R.T. 0.010 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 83 Resp: 1362

Ion Ratio Lower Upper

83 100

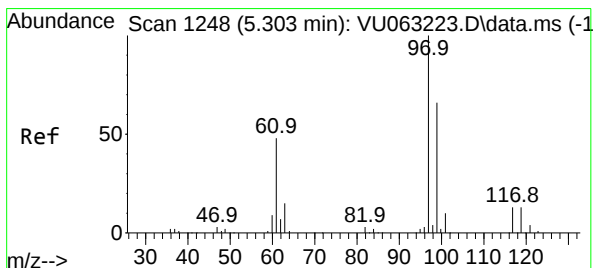
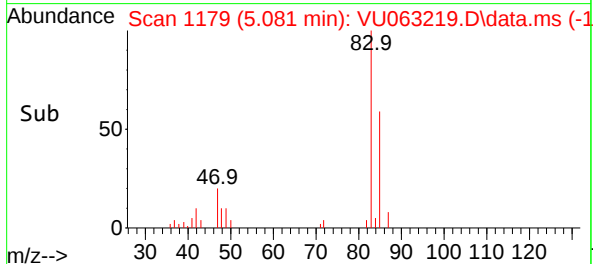
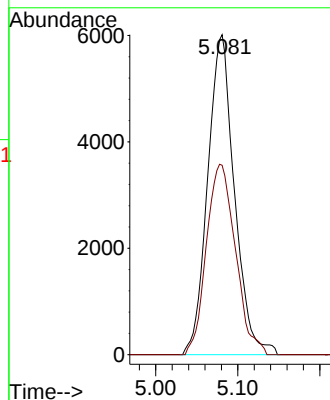
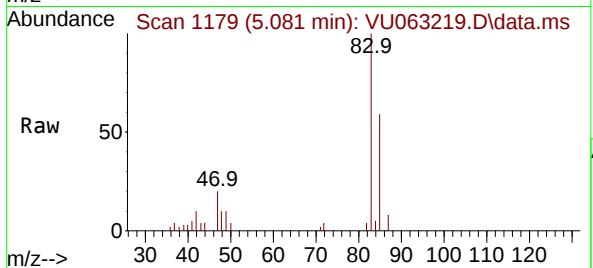
85 59.2 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#28

1,1,1-Trichloroethane

Concen: 0.485 ug/l

RT: 5.306 min Scan# 1249

Delta R.T. 0.003 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

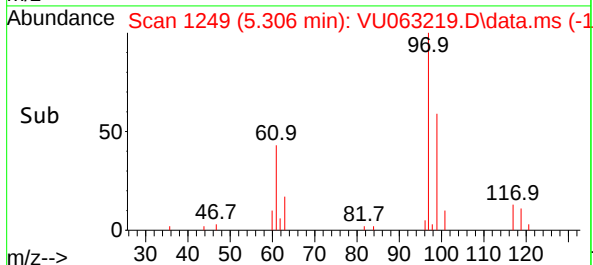
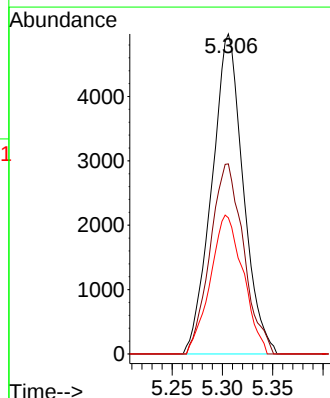
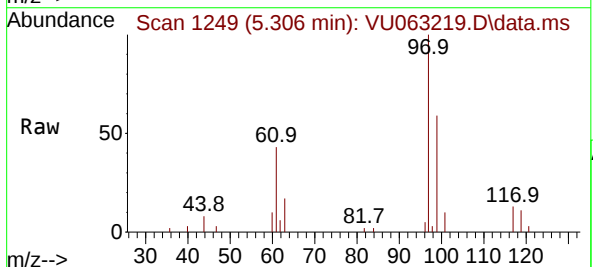
Tgt Ion: 97 Resp: 10801

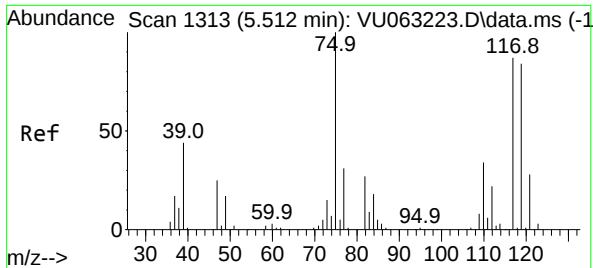
Ion Ratio Lower Upper

97 100

99 63.2 32.4 97.0

61 45.5 23.8 71.2





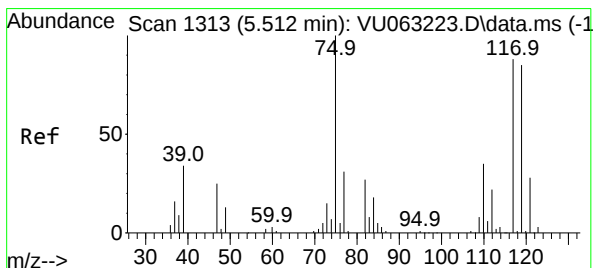
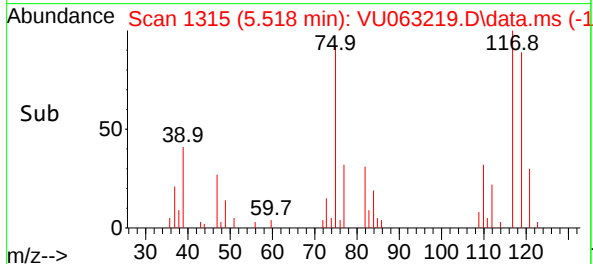
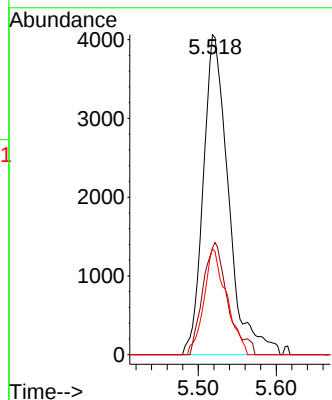
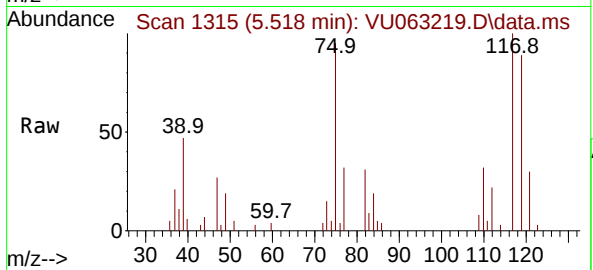
#29
1,1-Dichloropropene
Concen: 0.460 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 75 Resp: 917
Ion Ratio Lower Upper
75 100
110 34.4 17.2 51.5
77 29.6 24.6 37.0

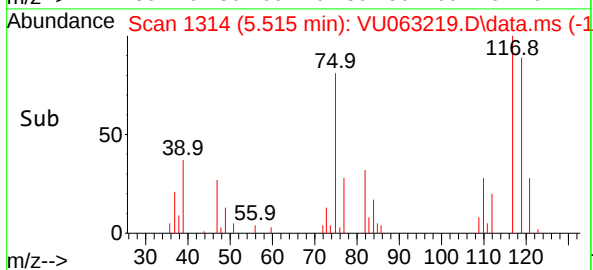
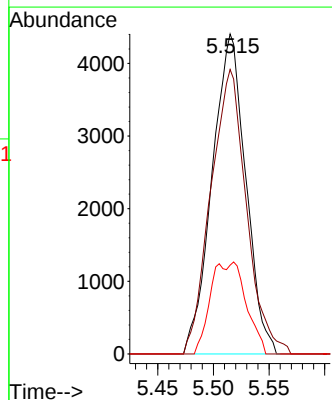
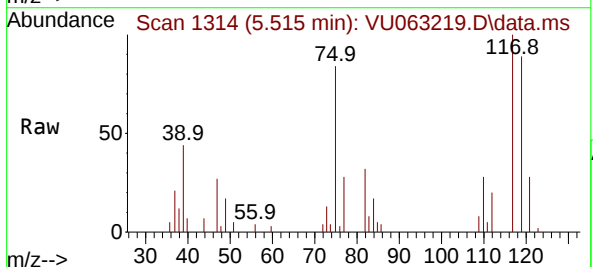
Manual Integrations
APPROVED

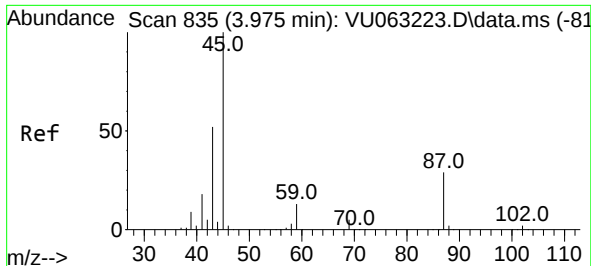
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#30
Carbon Tetrachloride
Concen: 0.485 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

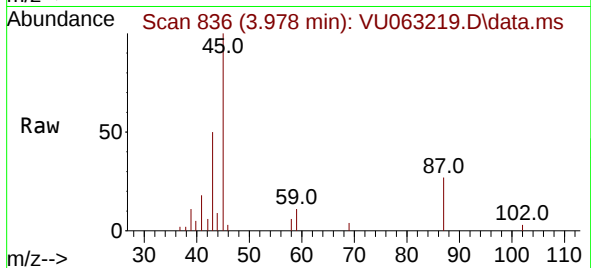
Tgt Ion:117 Resp: 9251
Ion Ratio Lower Upper
117 100
119 88.9 76.7 115.1
121 27.7 25.5 38.3





#31
Isopropyl Ether
Concen: 0.461 ug/l
RT: 3.978 min Scan# 836
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

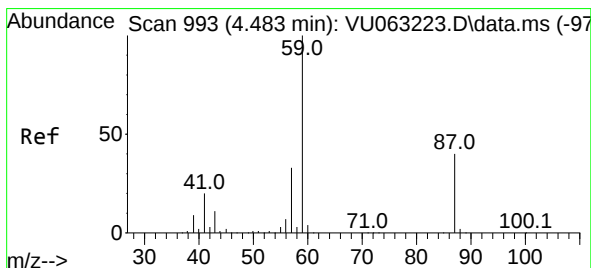
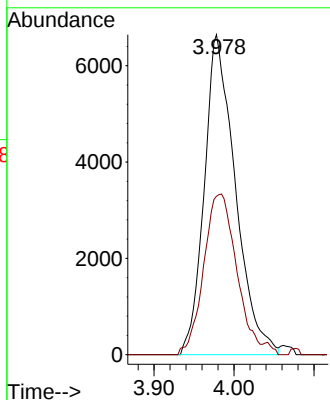
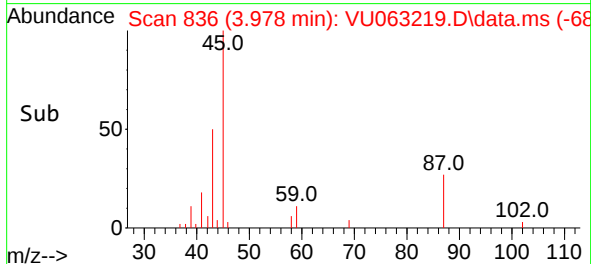
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



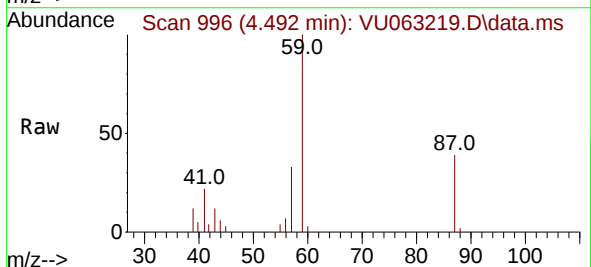
Tgt Ion: 45 Resp: 17908
Ion Ratio Lower Upper
45 100
43 53.0 25.7 77.1

Manual Integrations
APPROVED

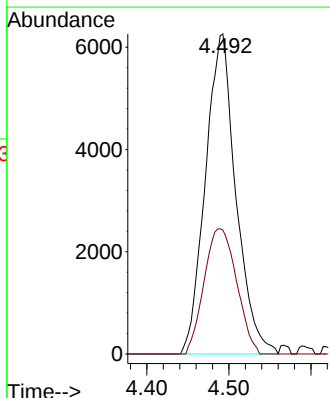
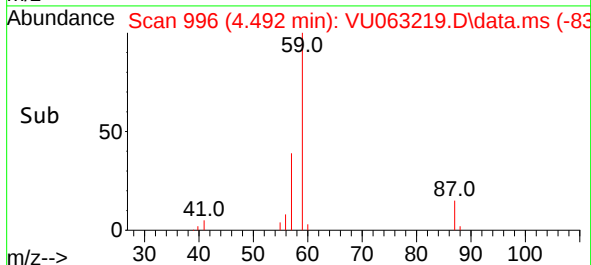
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

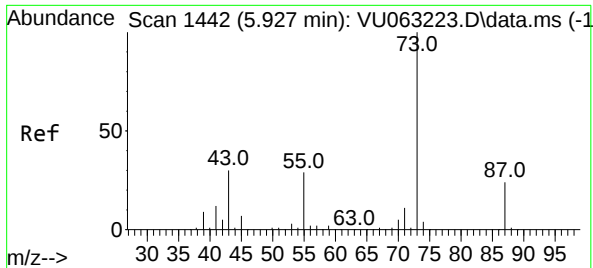


#32
Ethyl-t-butyl ether
Concen: 0.458 ug/l
RT: 4.492 min Scan# 996
Delta R.T. 0.010 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59



Tgt Ion: 59 Resp: 16177
Ion Ratio Lower Upper
59 100
87 41.6 32.6 49.0





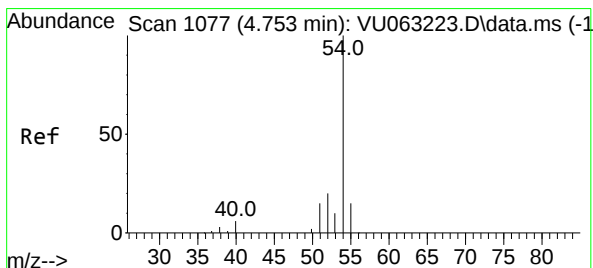
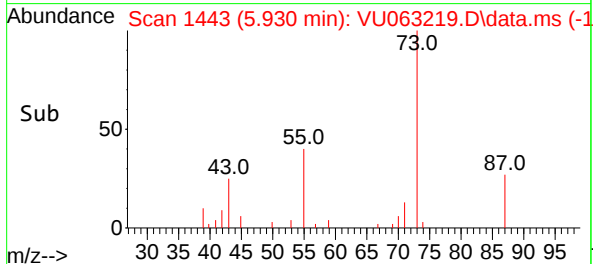
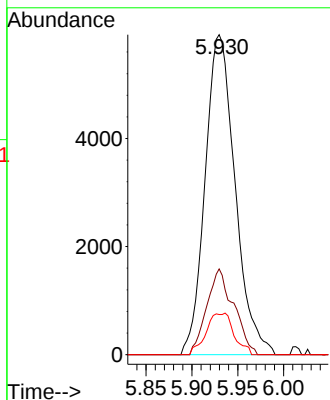
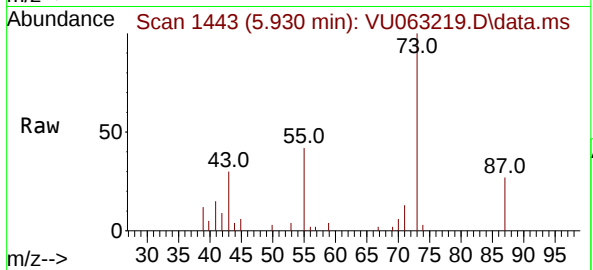
#33
Tert-Amyl methyl ether
Concen: 0.436 ug/l
RT: 5.930 min Scan# 1442
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 73 Resp: 1347
Ion Ratio Lower Upper
73 100
87 24.1 18.9 28.3
71 12.0 9.0 13.4

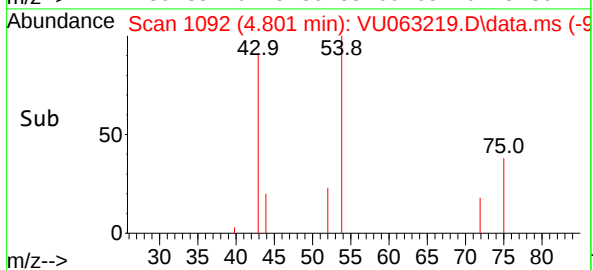
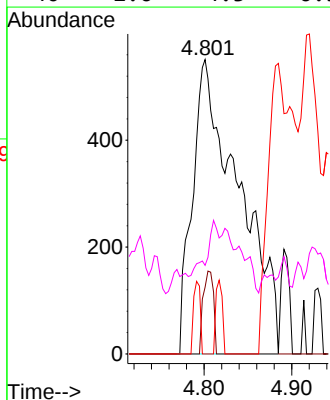
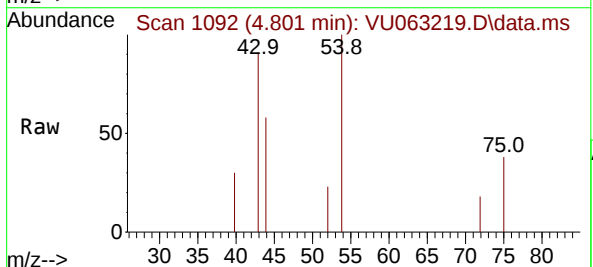
Manual Integrations
APPROVED

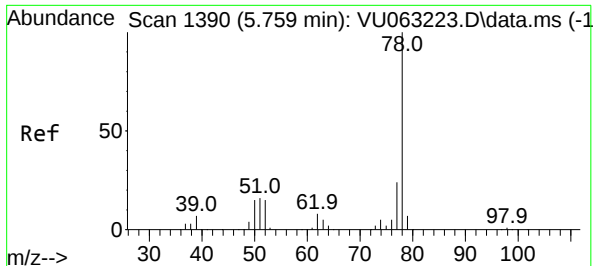
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#34
Propionitrile
Concen: 1.809 ug/l m
RT: 4.801 min Scan# 1092
Delta R.T. 0.048 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Tgt Ion: 54 Resp: 2034
Ion Ratio Lower Upper
54 100
52 6.2 16.3 24.5#
55 3.5 11.8 17.6#
40 2.6 4.3 6.5#





#35

Benzene

Concen: 0.473 ug/l

RT: 5.769 min Scan# 11

Delta R.T. 0.010 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 78 Resp: 2901

Ion Ratio Lower Upper

78 100

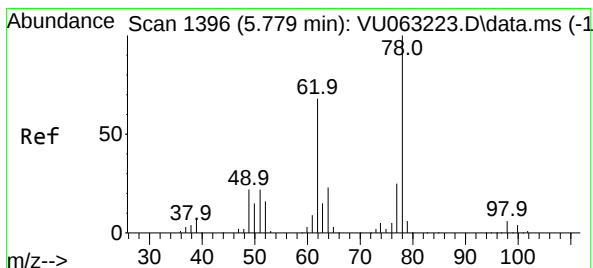
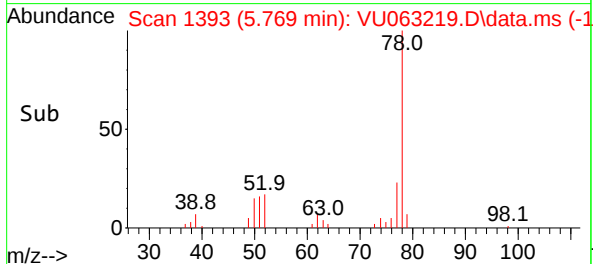
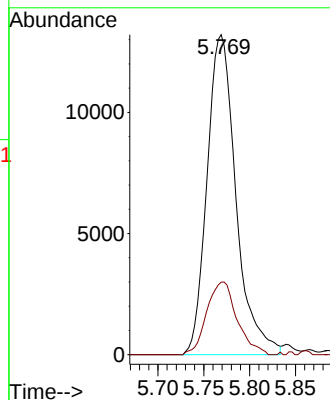
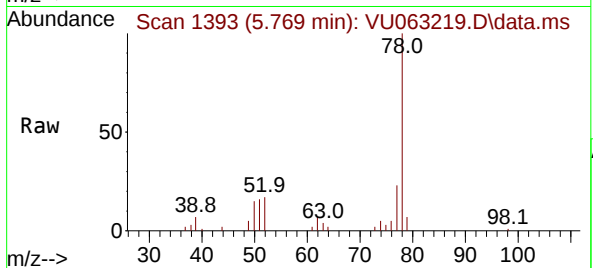
77 22.6 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#36

1,2-Dichloroethane

Concen: 0.494 ug/l

RT: 5.791 min Scan# 1400

Delta R.T. 0.013 min

Lab File: VU063219.D

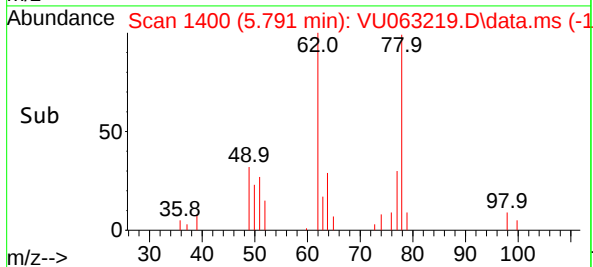
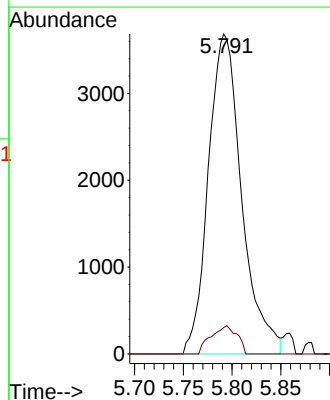
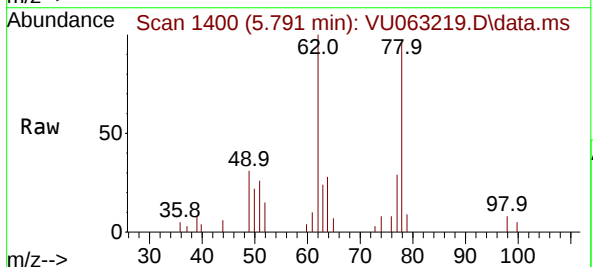
Acq: 10 Feb 2025 12:59

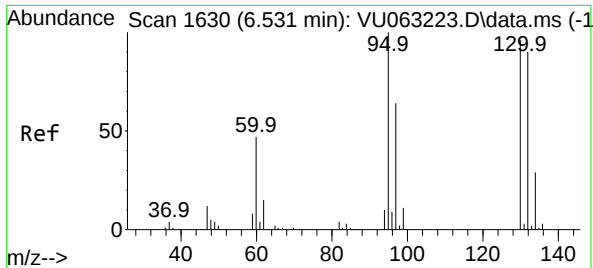
Tgt Ion: 62 Resp: 8750

Ion Ratio Lower Upper

62 100

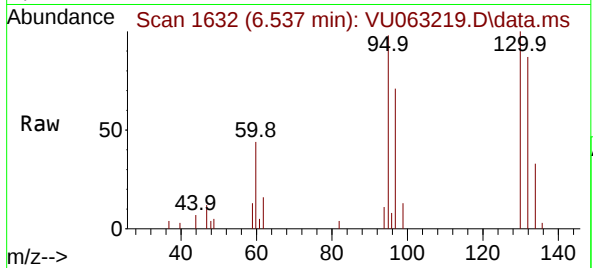
98 6.9 6.9 10.3#





#37
 Trichloroethene
 Concen: 0.490 ug/l
 RT: 6.537 min Scan# 1630
 Delta R.T. 0.006 min
 Lab File: VU063219.D
 Acq: 10 Feb 2025 12:59

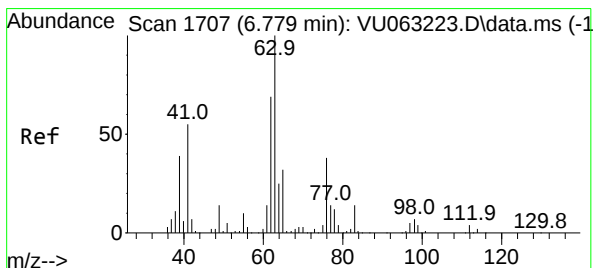
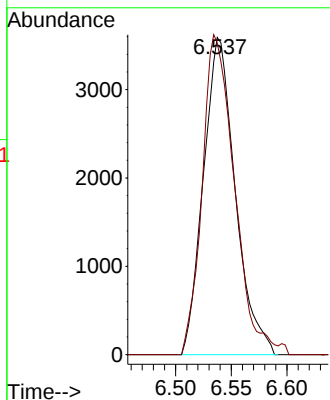
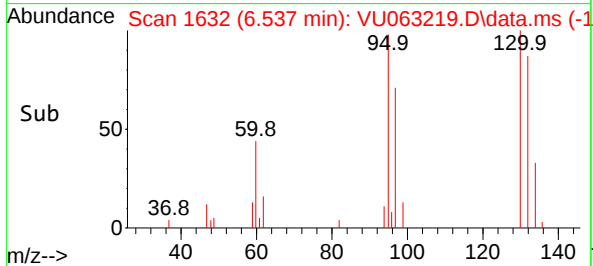
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



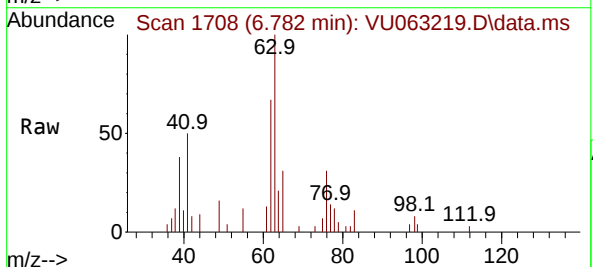
Tgt Ion:130 Resp: 7149
 Ion Ratio Lower Upper
 130 100
 95 98.3 83.2 124.8

Manual Integrations
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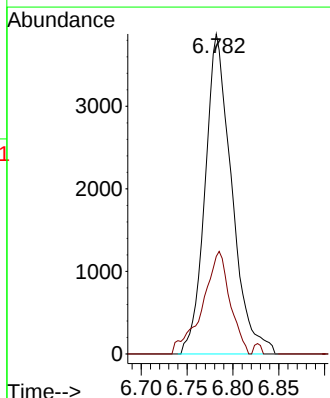
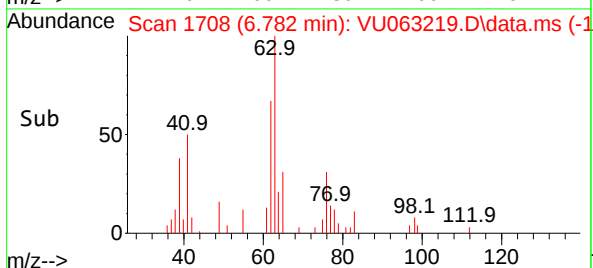
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025

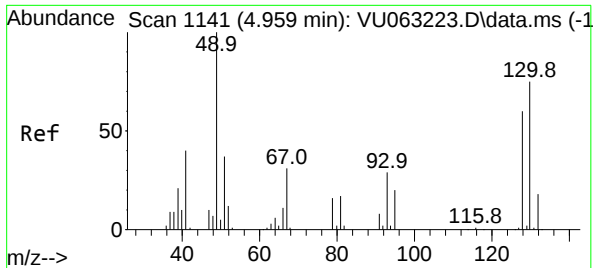


#38
 1,2-Dichloropropane
 Concen: 0.489 ug/l
 RT: 6.782 min Scan# 1708
 Delta R.T. 0.003 min
 Lab File: VU063219.D
 Acq: 10 Feb 2025 12:59



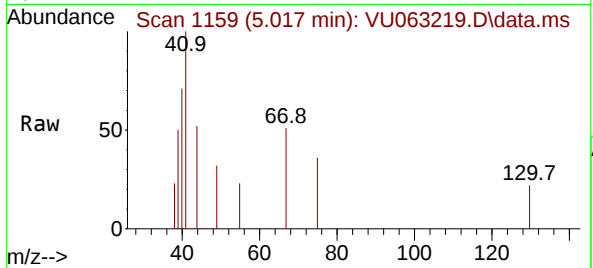
Tgt Ion: 63 Resp: 7842
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.3 37.9





#39
Methacrylonitrile
Concen: 0.382 ug/l m
RT: 5.017 min Scan# 1159
Delta R.T. 0.058 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

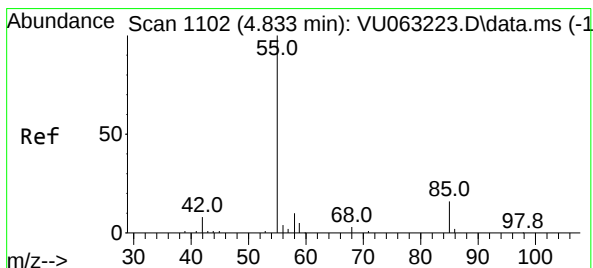
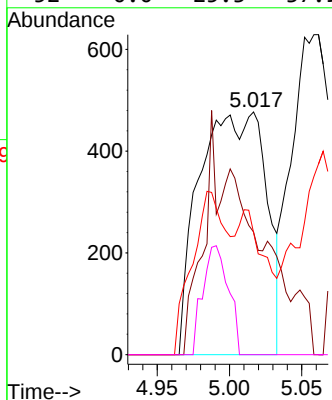
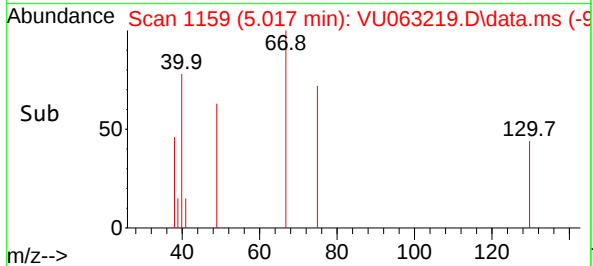
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



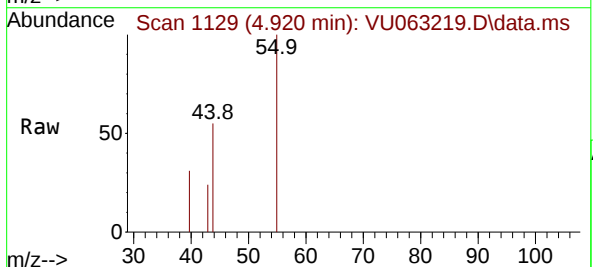
Tgt Ion: 41	Resp: 153
Ion Ratio	Lower Upper
41	100
67	14.5 64.5 96.7
39	0.0 43.0 64.6
52	0.0 25.3 37.9

Manual Integrations
APPROVED

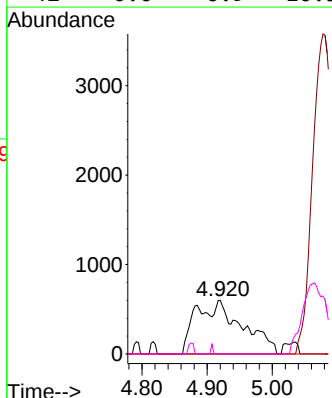
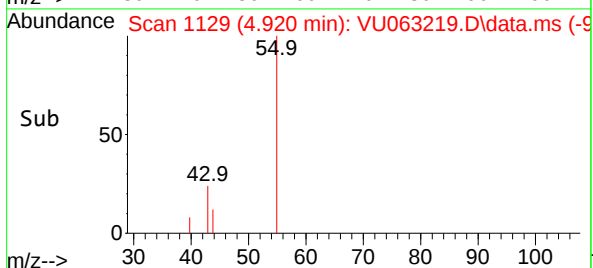
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

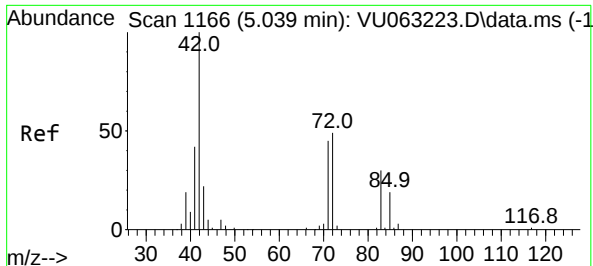


#40
Methyl acrylate
Concen: 0.403 ug/l m
RT: 4.920 min Scan# 1129
Delta R.T. 0.087 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59



Tgt Ion: 55	Resp: 2955
Ion Ratio	Lower Upper
55	100
85	0.0 13.3 19.9
58	0.0 7.3 10.9
42	0.0 6.9 10.3





#41

Tetrahydrofuran

Concen: 0.970 ug/l

RT: 5.065 min Scan# 1166

Delta R.T. 0.026 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

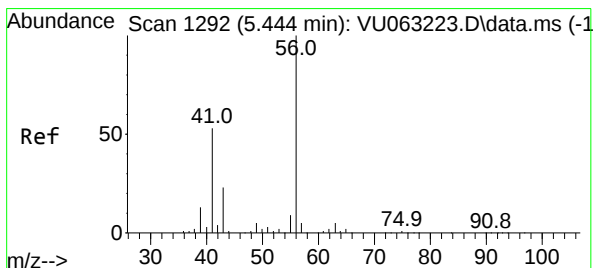
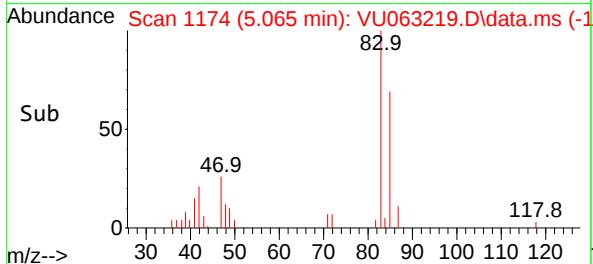
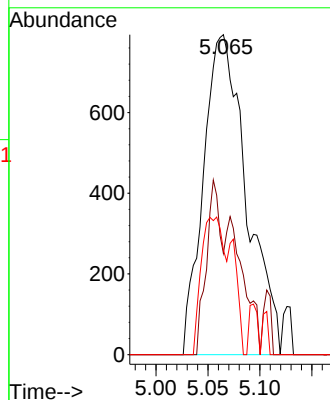
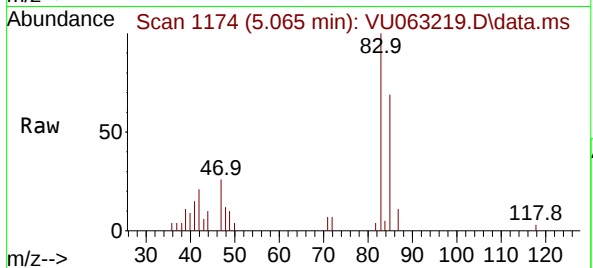
Tgt Ion:	42	Resp:	2289
Ion Ratio	Lower	Upper	
42	100		
72	18.8	41.5	62.3
71	23.0	37.2	55.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#42

1-Chlorobutane

Concen: 0.443 ug/l

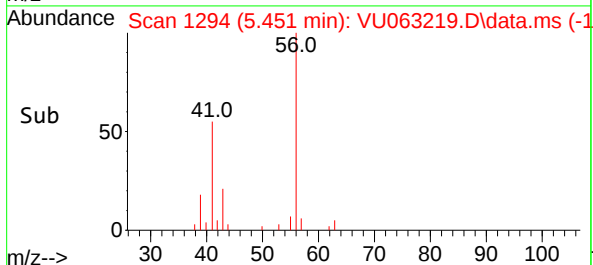
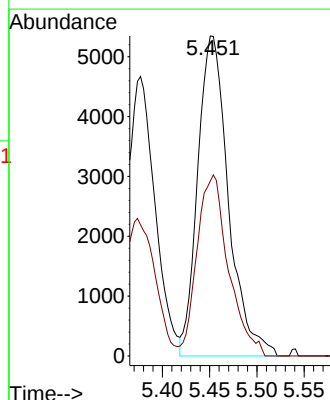
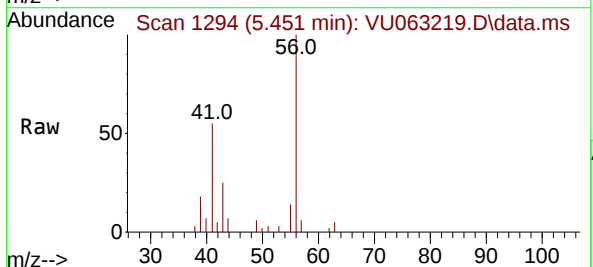
RT: 5.451 min Scan# 1294

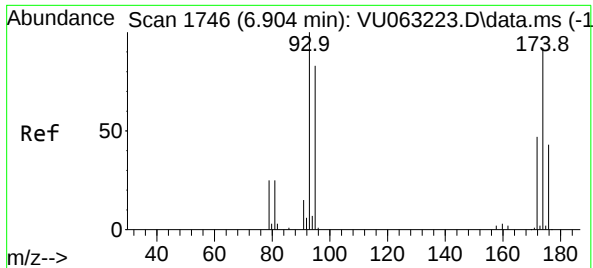
Delta R.T. 0.006 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

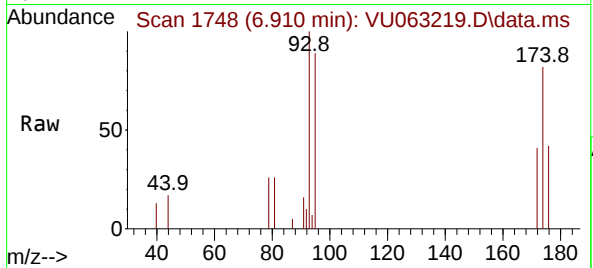
Tgt Ion:	56	Resp:	12081
Ion Ratio	Lower	Upper	
56	100		
41	58.0	26.3	78.8





#43
Dibromomethane
Concen: 0.495 ug/l
RT: 6.910 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

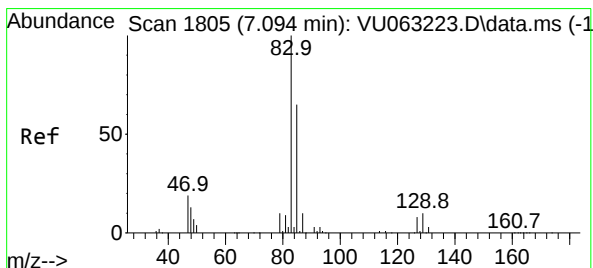
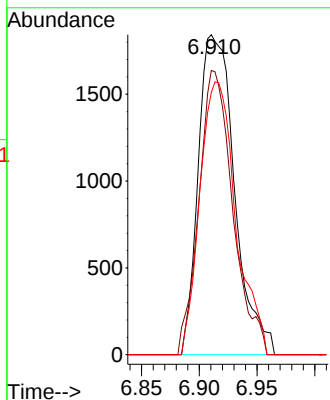
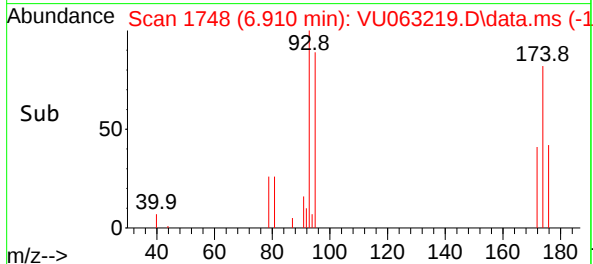
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



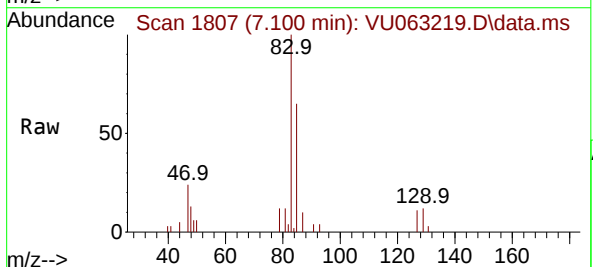
Tgt Ion: 93 Resp: 4024
Ion Ratio Lower Upper
93 100
95 82.9 67.2 100.8
174 84.6 75.7 113.5

Manual Integrations
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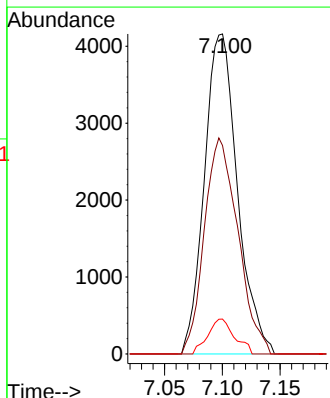
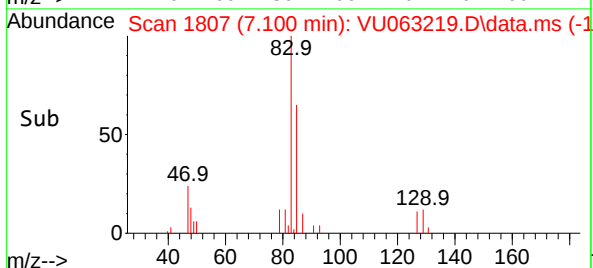
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

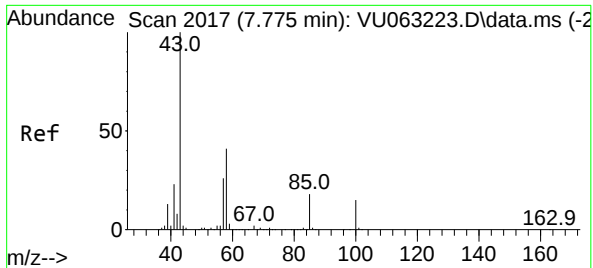


#44
Bromodichloromethane
Concen: 0.438 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59



Tgt Ion: 83 Resp: 8280
Ion Ratio Lower Upper
83 100
85 65.2 51.7 77.5
127 10.9 6.7 10.1#





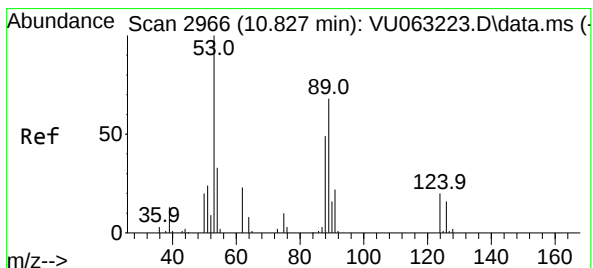
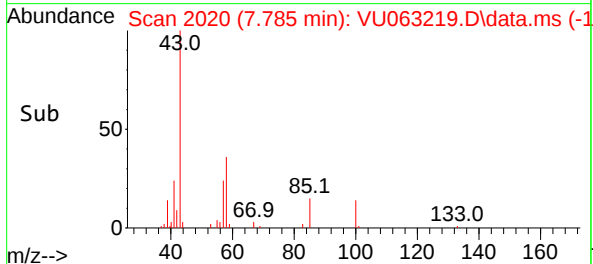
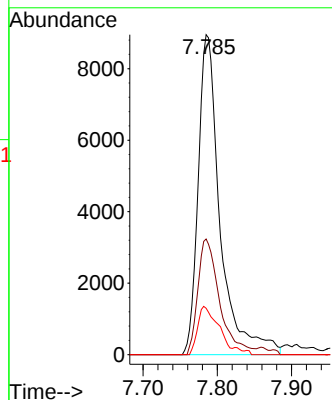
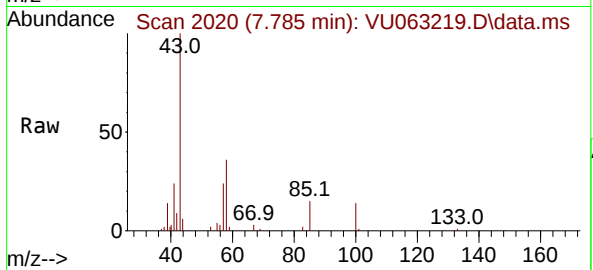
#45
4-Methyl-2-Pentanone
Concen: 2.160 ug/l
RT: 7.785 min Scan# 2017
Delta R.T. 0.010 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 18398
Ion Ratio Lower Upper
43 100
58 36.0 20.8 62.5
85 14.1 14.8 22.2

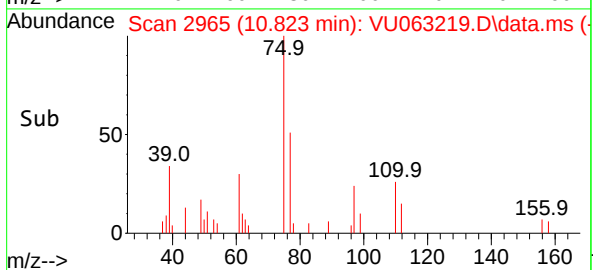
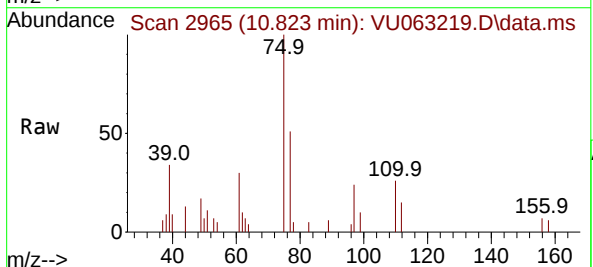
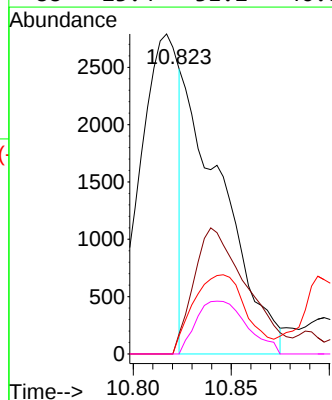
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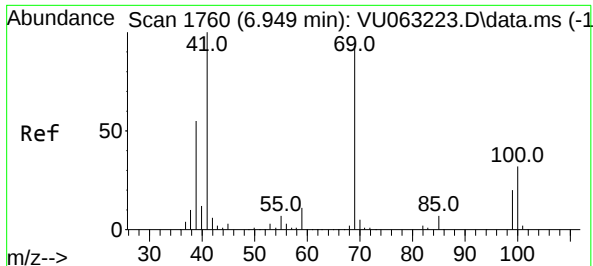
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#46
t-1,4-Dichloro-2-butene
Concen: 0.839 ug/l m
RT: 10.823 min Scan# 2965
Delta R.T. -0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Tgt Ion: 75 Resp: 3537
Ion Ratio Lower Upper
75 100
53 59.0 64.5 96.7#
89 37.1 43.4 65.2#
88 23.4 31.2 46.8#





#47

Methyl methacrylate

Concen: 0.815 ug/l m

RT: 6.965 min Scan# 1765

Delta R.T. 0.016 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 69 Resp: 5580

Ion Ratio Lower Upper

69 100

41 97.2 0.0 217.0

39 25.7 47.7 71.5

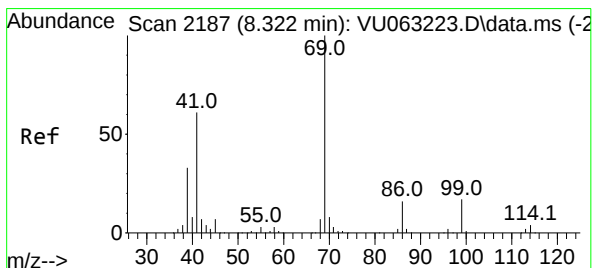
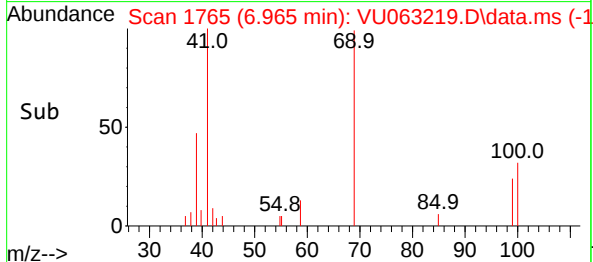
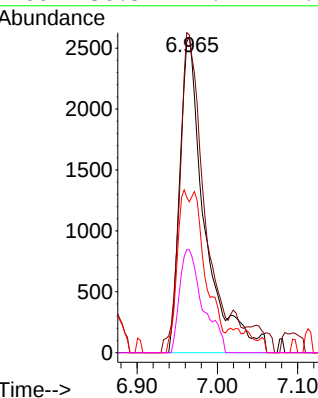
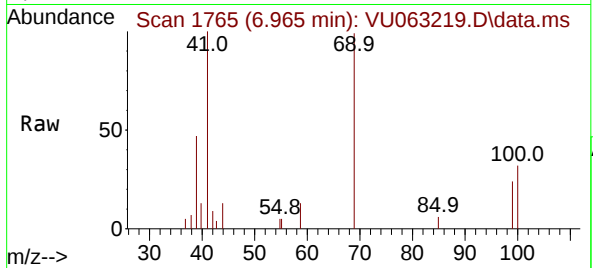
100 30.5 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#48

Ethyl methacrylate

Concen: 0.377 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. 0.010 min

Lab File: VU063219.D

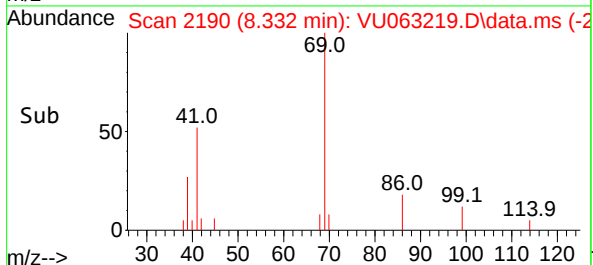
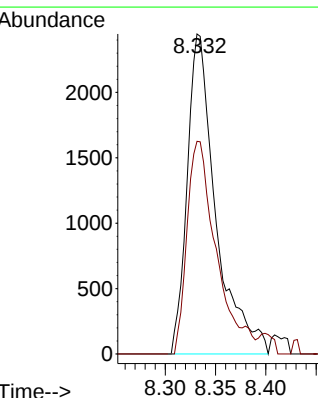
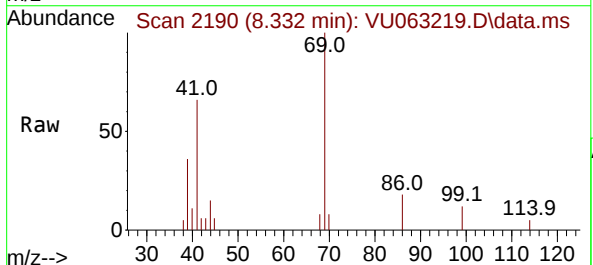
Acq: 10 Feb 2025 12:59

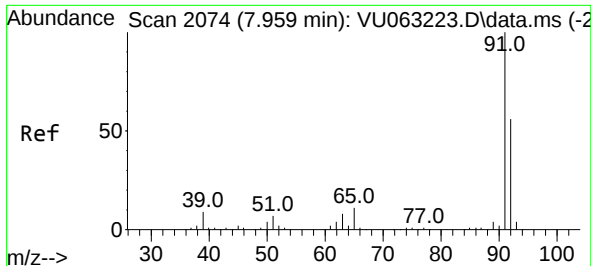
Tgt Ion: 69 Resp: 4839

Ion Ratio Lower Upper

69 100

41 68.2 30.6 92.0





#49

Toluene

Concen: 0.429 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 92 Resp: 1513

Ion Ratio Lower Upper

92 100

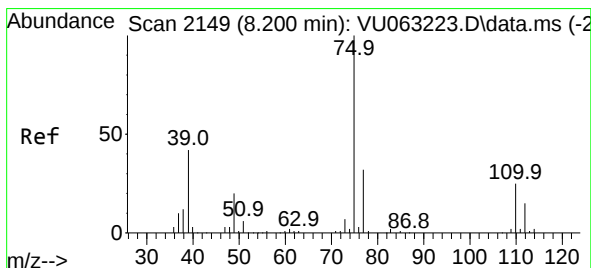
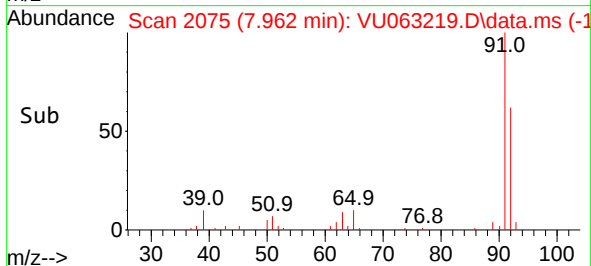
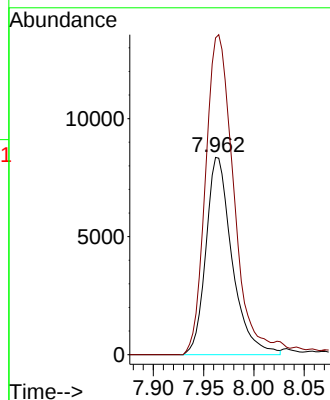
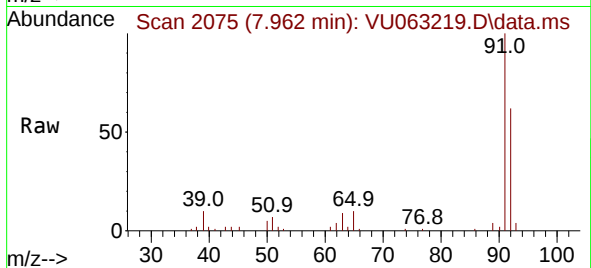
91 173.4 141.8 212.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#50

t-1,3-Dichloropropene

Concen: 0.409 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.010 min

Lab File: VU063219.D

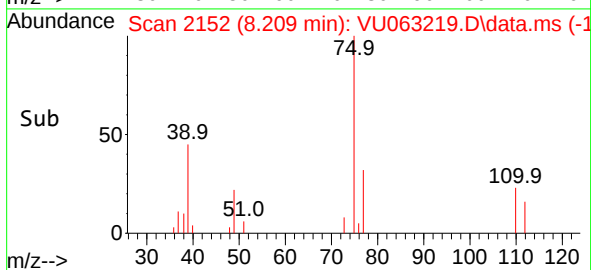
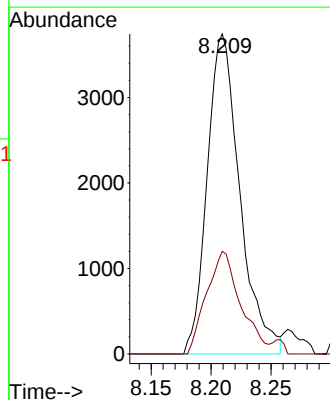
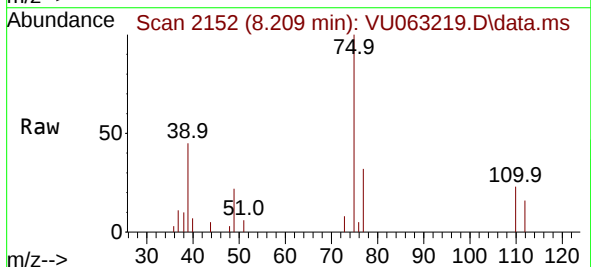
Acq: 10 Feb 2025 12:59

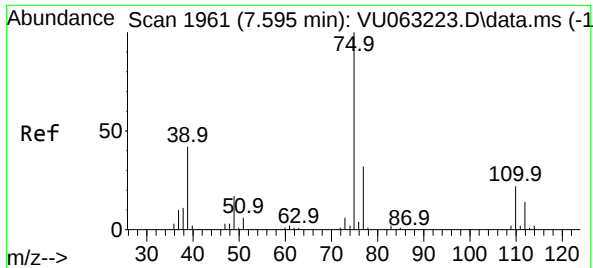
Tgt Ion: 75 Resp: 7086

Ion Ratio Lower Upper

75 100

77 32.1 25.9 38.9





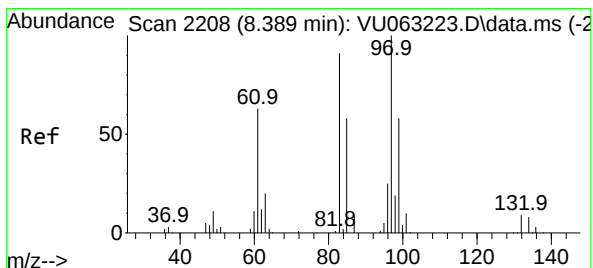
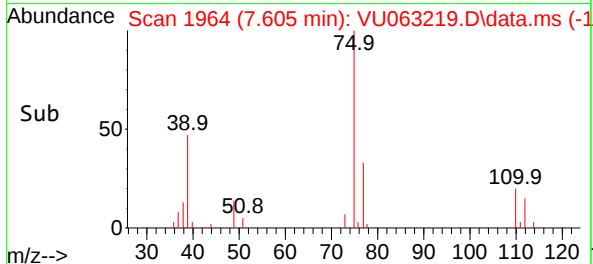
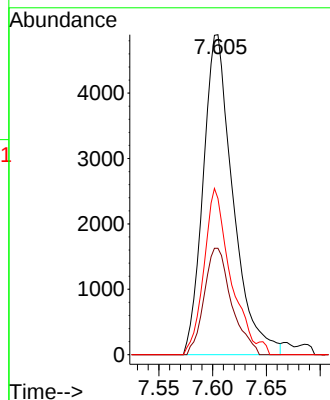
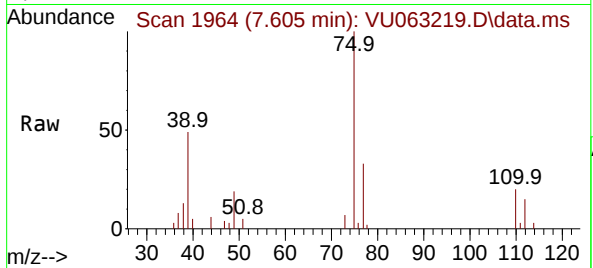
#51
 cis-1,3-Dichloropropene
 Concen: 0.441 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.010 min
 Lab File: VU063219.D
 Acq: 10 Feb 2025 12:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 75 Resp: 9424
 Ion Ratio Lower Upper
 75 100
 77 35.5 25.3 37.9
 39 48.8 33.5 50.3

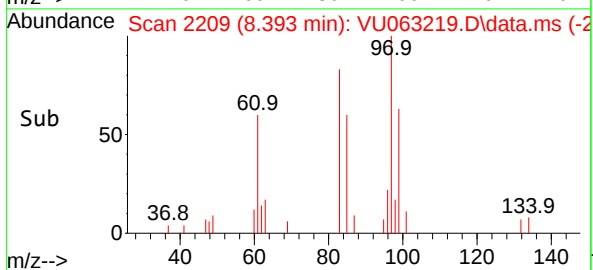
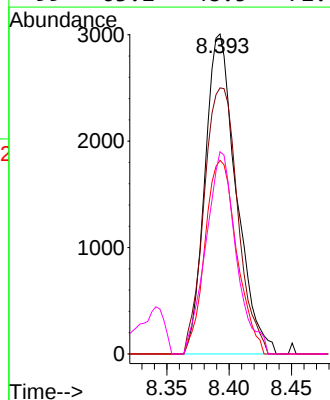
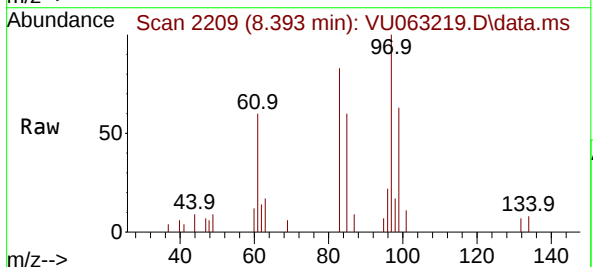
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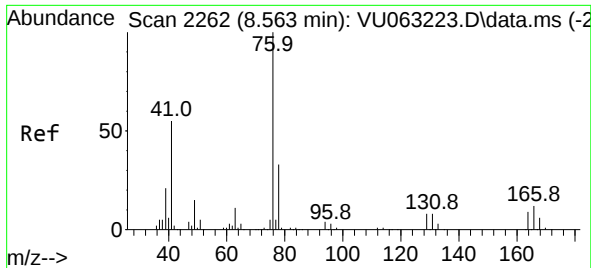
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#52
 1,1,2-Trichloroethane
 Concen: 0.480 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.003 min
 Lab File: VU063219.D
 Acq: 10 Feb 2025 12:59

Tgt Ion: 97 Resp: 5257
 Ion Ratio Lower Upper
 97 100
 83 83.1 73.0 109.4
 85 60.5 46.3 69.5
 99 63.2 48.5 72.7





#53

1,3-Dichloropropane

Concen: 0.454 ug/l

RT: 8.566 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 76 Resp: 8834

Ion Ratio Lower Upper

76 100

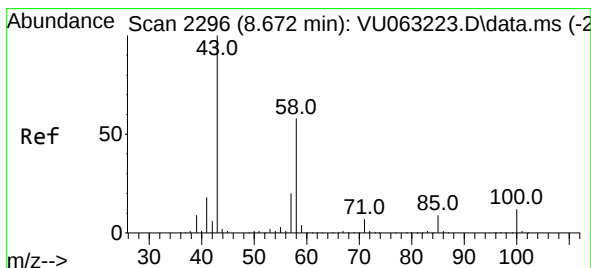
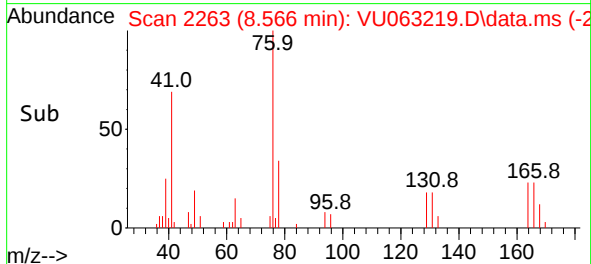
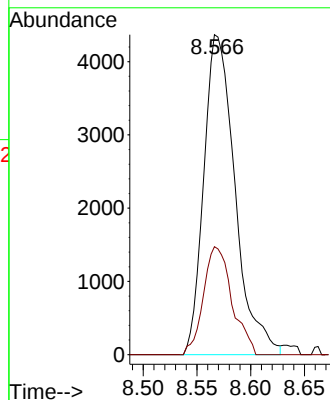
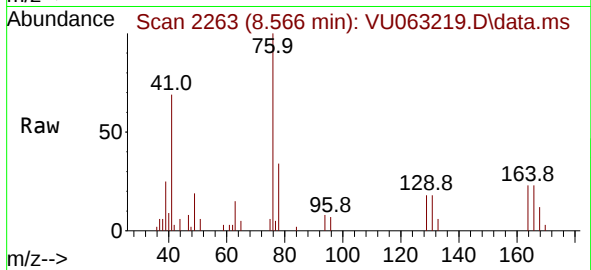
78 30.9 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#54

2-Hexanone

Concen: 2.011 ug/l m

RT: 8.685 min Scan# 2300

Delta R.T. 0.013 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

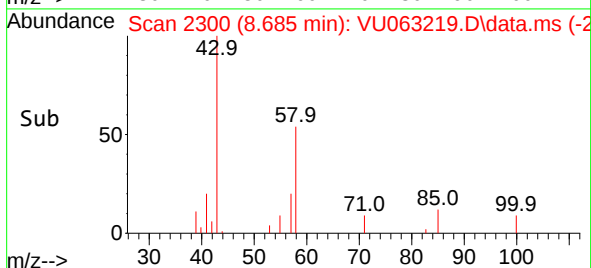
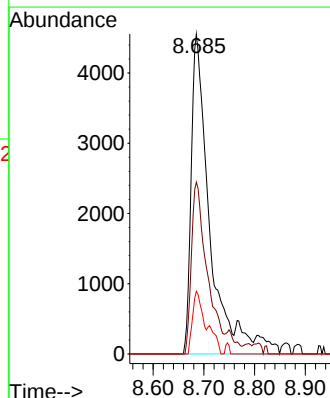
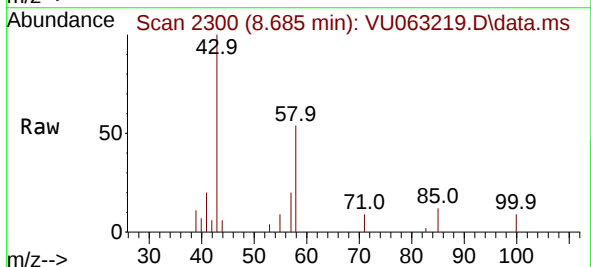
Tgt Ion: 43 Resp: 11692

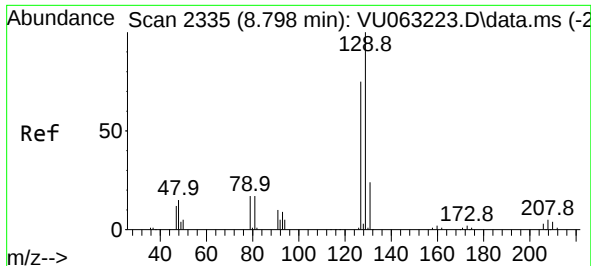
Ion Ratio Lower Upper

43 100

58 44.7 38.0 78.0

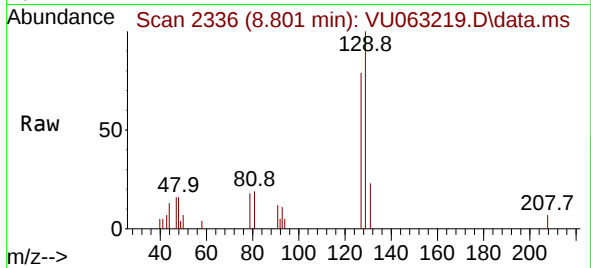
57 10.5 0.0 39.1





#55
Dibromochloromethane
Concen: 0.471 ug/l
RT: 8.801 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

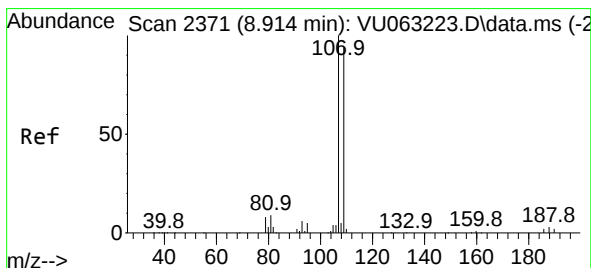
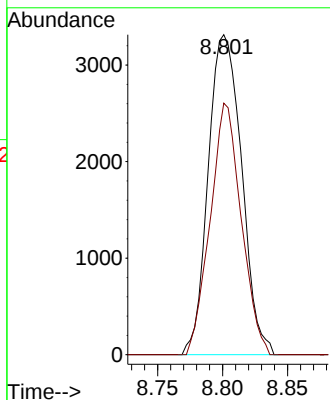
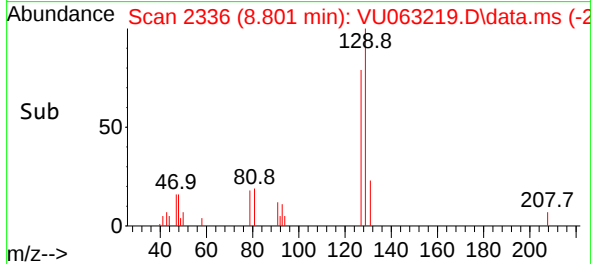
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



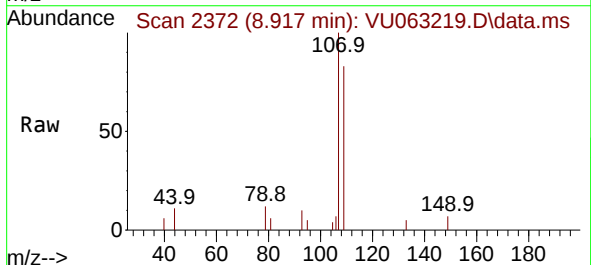
Tgt Ion:129 Resp: 5934
Ion Ratio Lower Upper
129 100
127 73.0 60.4 90.6

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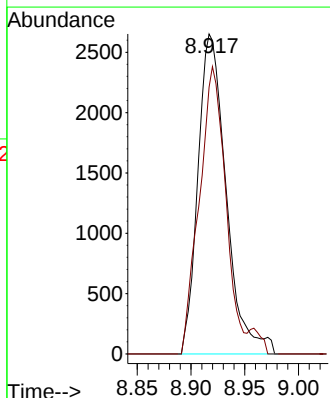
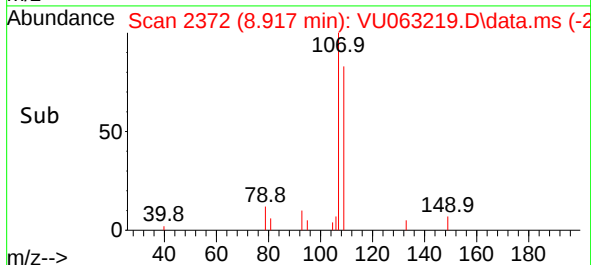
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

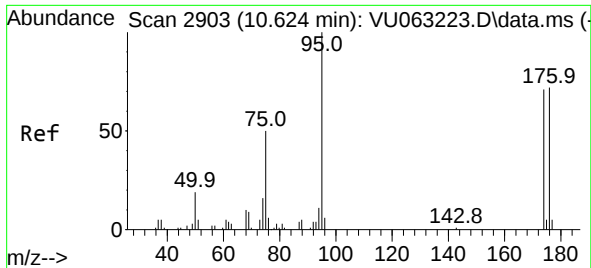


#56
1,2-Dibromoethane
Concen: 0.470 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59



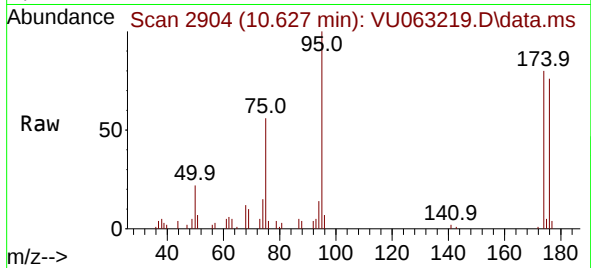
Tgt Ion:107 Resp: 4834
Ion Ratio Lower Upper
107 100
109 84.1 0.0 187.8





#57
4-Bromofluorobenzene
Concen: 0.917 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

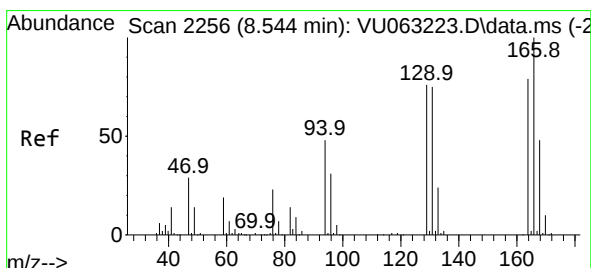
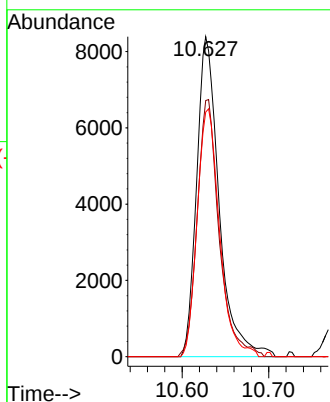
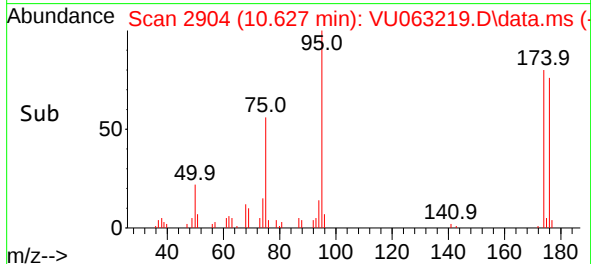
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 95 Resp: 1509
Ion Ratio Lower Upper
95 100
174 78.4 58.6 88.0
176 77.1 58.2 87.4

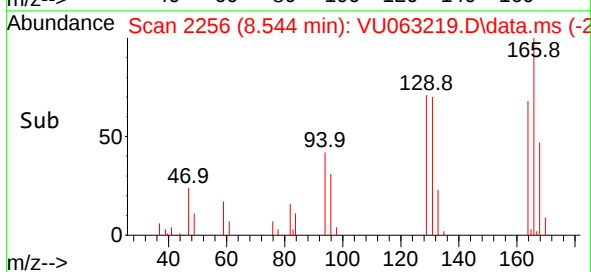
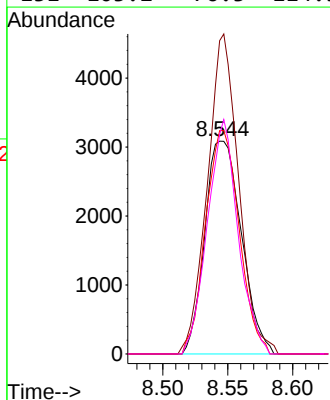
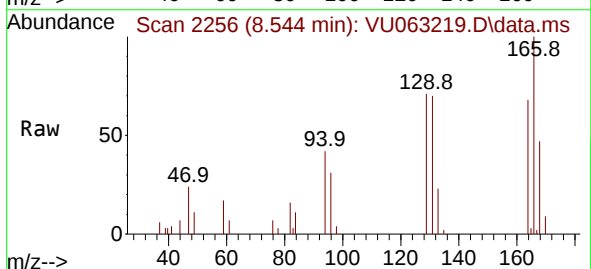
Manual Integrations
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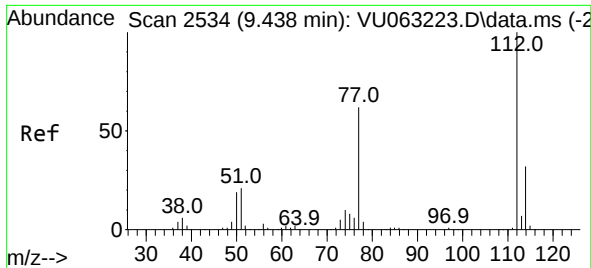
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#58
Tetrachloroethene
Concen: 0.503 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

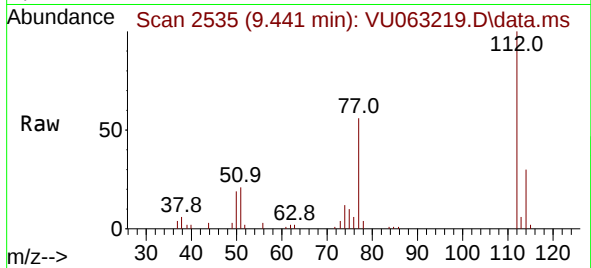
Tgt Ion:164 Resp: 6044
Ion Ratio Lower Upper
164 100
166 147.2 101.4 152.0
129 105.0 77.0 115.4
131 103.2 76.3 114.5





#59
Chlorobenzene
Concen: 0.453 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

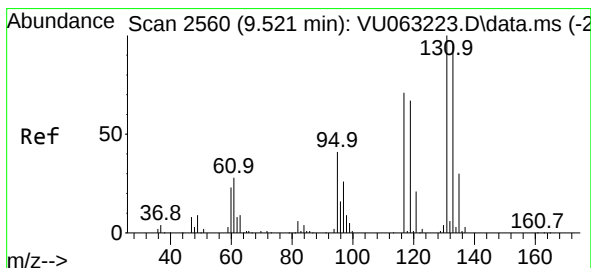
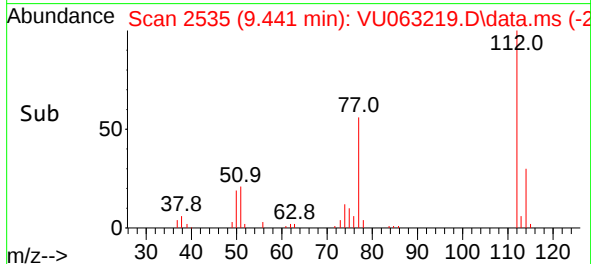
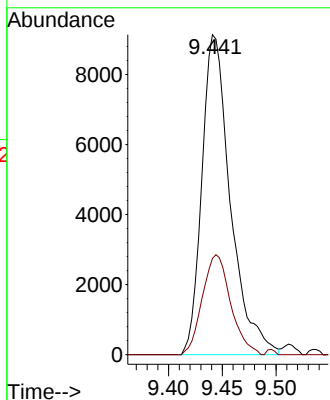
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion:112 Resp: 16870
Ion Ratio Lower Upper
112 100
114 30.0 25.7 38.5

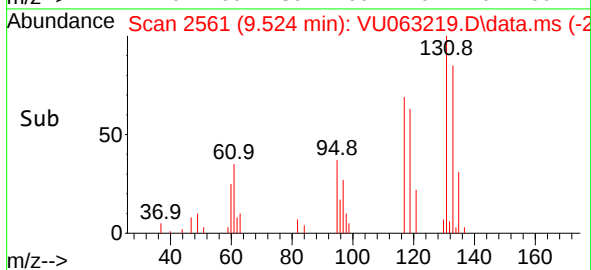
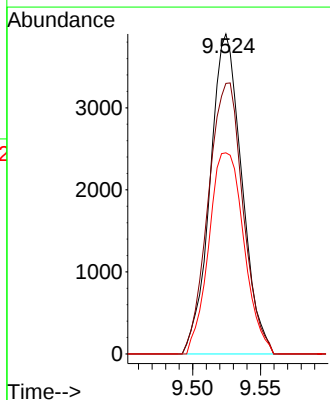
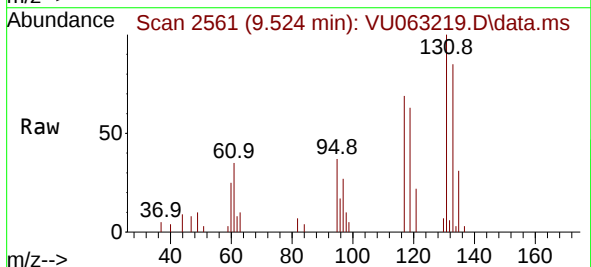
Manual Integrations
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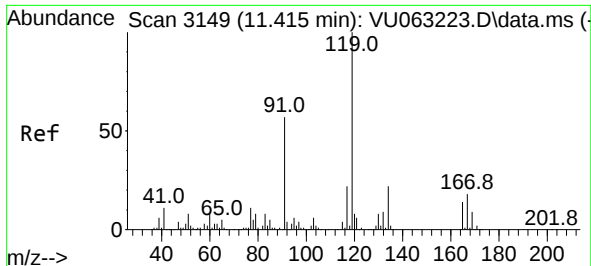
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 0.475 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

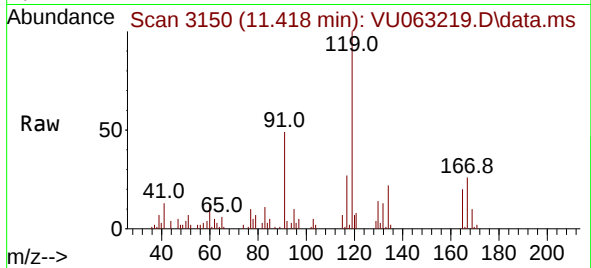
Tgt Ion:131 Resp: 6349
Ion Ratio Lower Upper
131 100
133 92.8 76.7 115.1
119 69.5 54.4 81.6





#61
Pentachloroethane
Concen: 0.436 ug/l
RT: 11.418 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

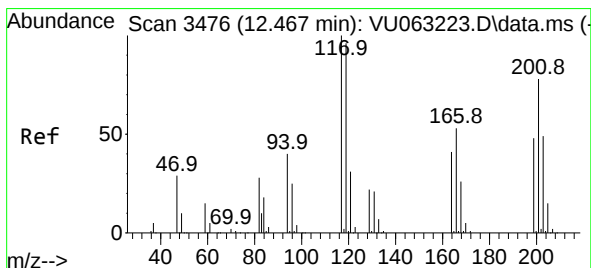
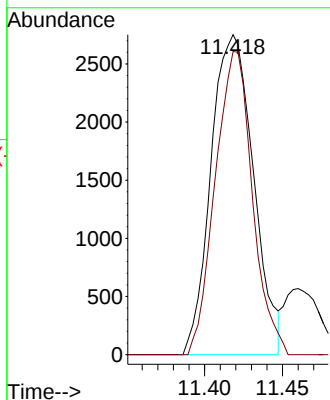
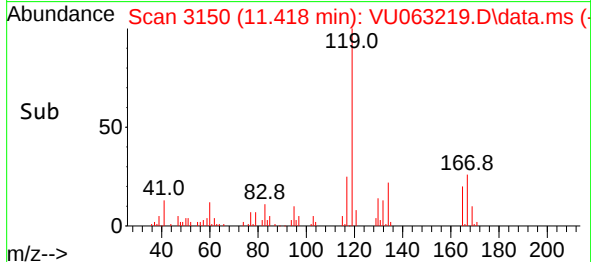
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



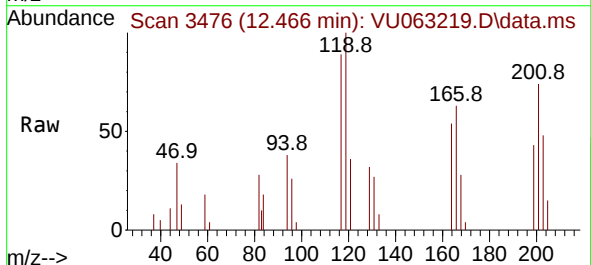
Tgt Ion:117 Resp: 521
Ion Ratio Lower Upper
117 100
167 82.8 65.0 97.6

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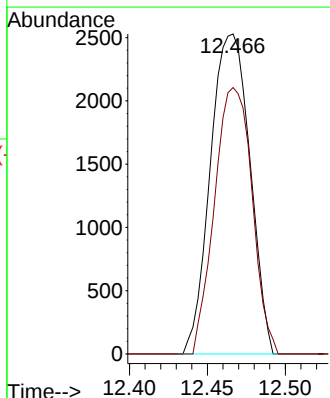
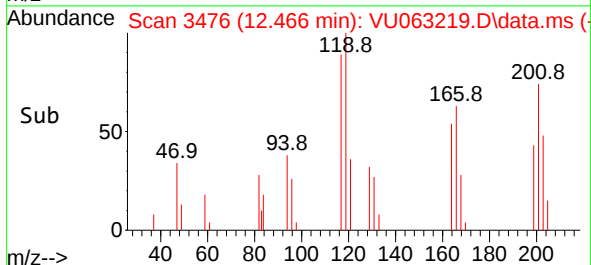
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

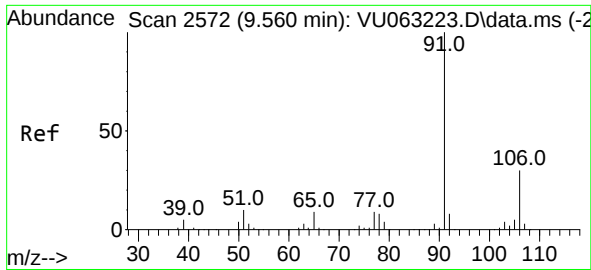


#62
Hexachloroethane
Concen: 0.423 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59



Tgt Ion:117 Resp: 4467
Ion Ratio Lower Upper
117 100
201 79.0 61.3 91.9





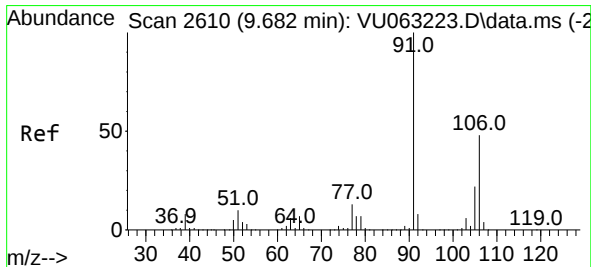
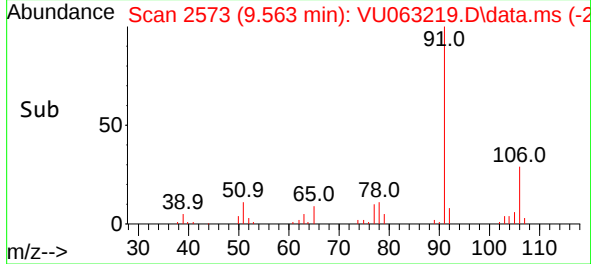
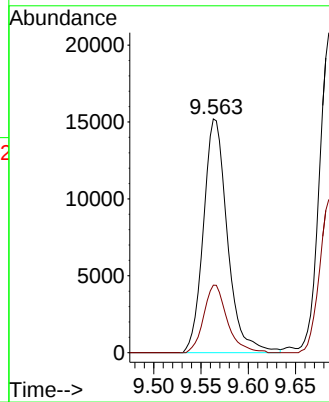
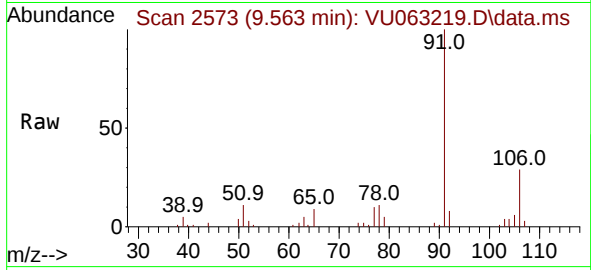
#63
Ethyl Benzene
Concen: 0.418 ug/l
RT: 9.563 min Scan# 2572
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 26810
Ion Ratio Lower Upper
91 100
106 28.8 24.2 36.2

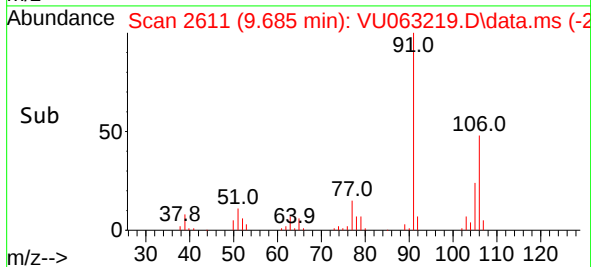
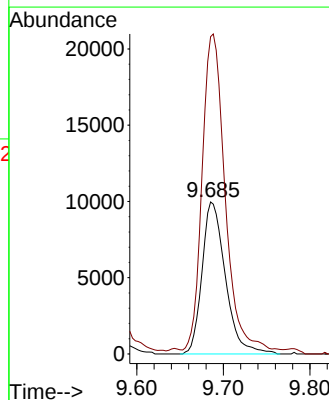
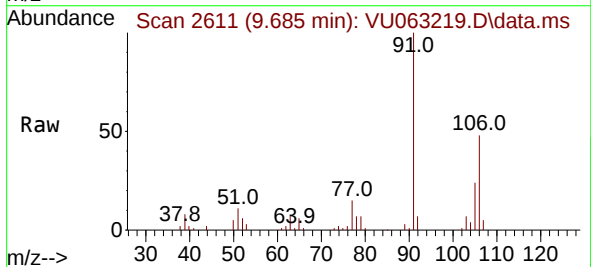
Manual Integrations
APPROVED

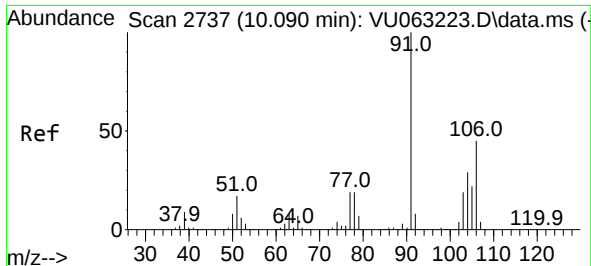
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#64
m/p-Xylenes
Concen: 0.778 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Tgt Ion:106 Resp: 18658
Ion Ratio Lower Upper
106 100
91 201.9 166.9 250.3





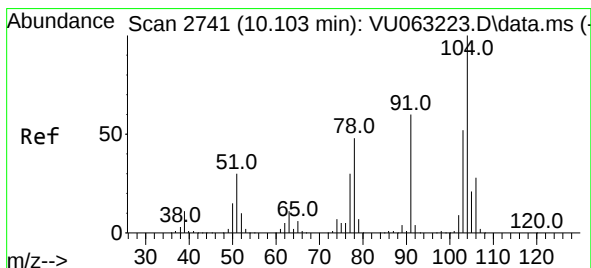
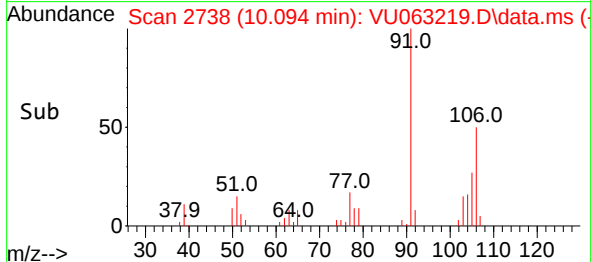
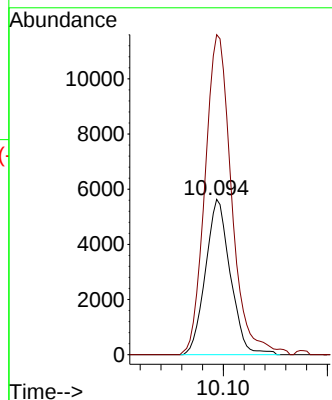
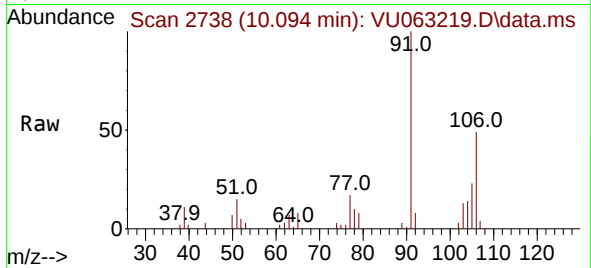
#65
o-Xylene
Concen: 0.398 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion:106 Resp: 9329
Ion Ratio Lower Upper
106 100
91 220.7 110.9 332.9

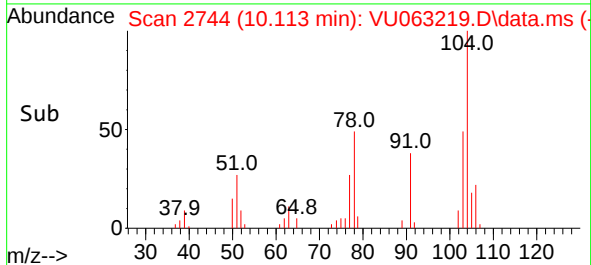
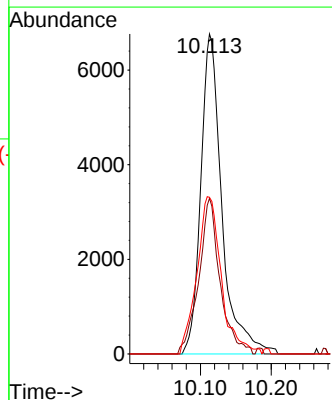
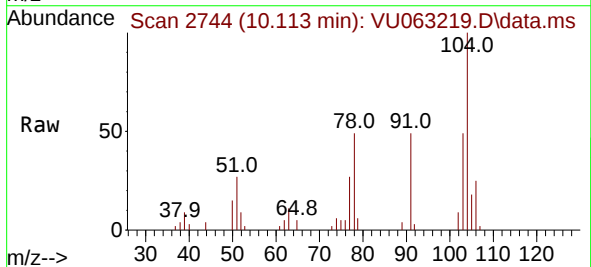
Manual Integrations
APPROVED

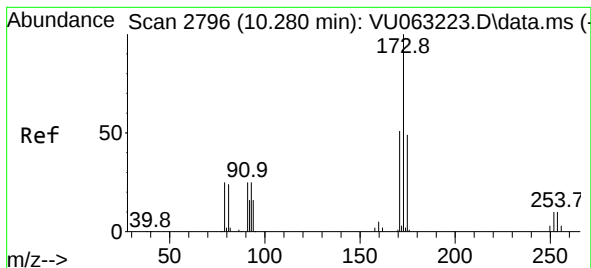
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#66
Styrene
Concen: 0.375 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.010 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Tgt Ion:104 Resp: 14012
Ion Ratio Lower Upper
104 100
78 48.9 41.2 61.8
103 56.6 44.8 67.2





#67

Bromoform

Concen: 0.442 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

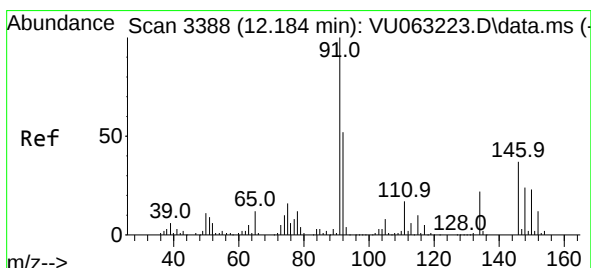
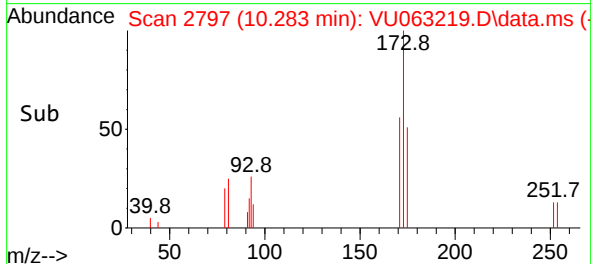
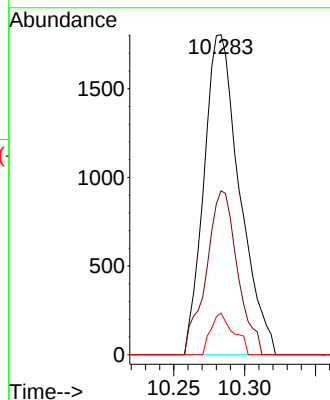
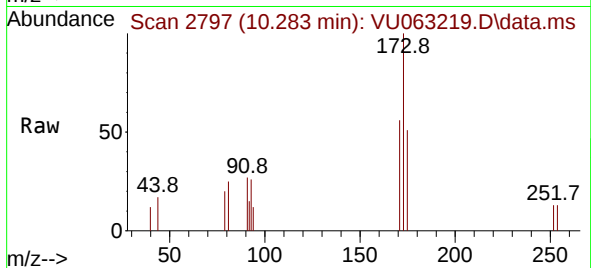
Tgt Ion:	173	Resp:	3160
Ion Ratio	Lower	Upper	
173	100		
175	44.9	39.0	58.4
254	8.4	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#68

1,2-Dichlorobenzene-d4

Concen: 0.914 ug/l

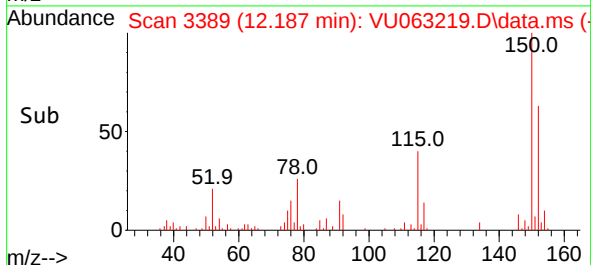
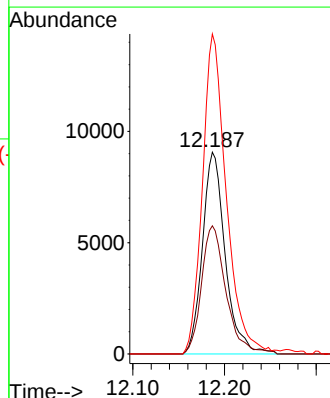
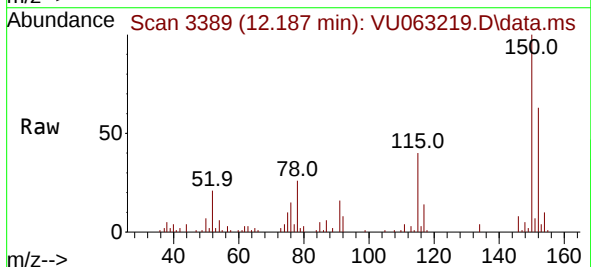
RT: 12.187 min Scan# 3389

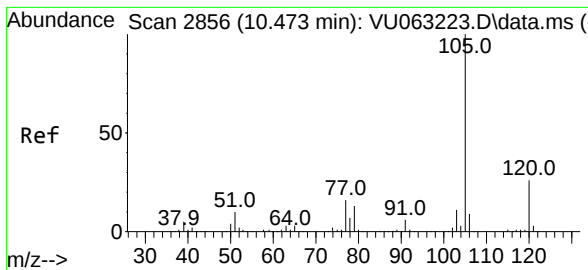
Delta R.T. 0.003 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Tgt Ion:	152	Resp:	15652
Ion Ratio	Lower	Upper	
152	100		
115	68.2	0.0	275.2
150	166.4	0.0	658.4





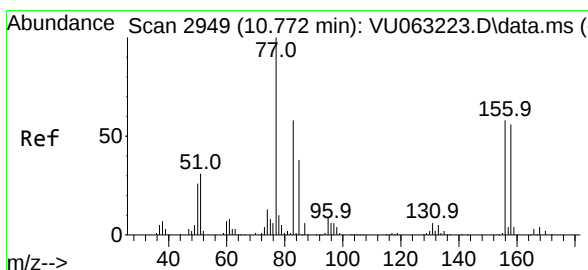
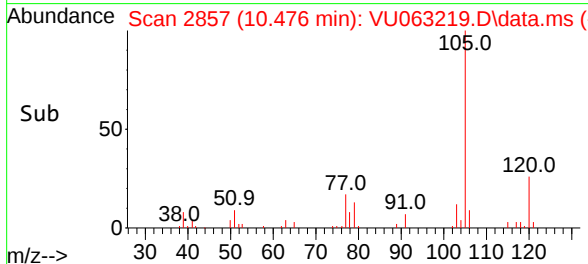
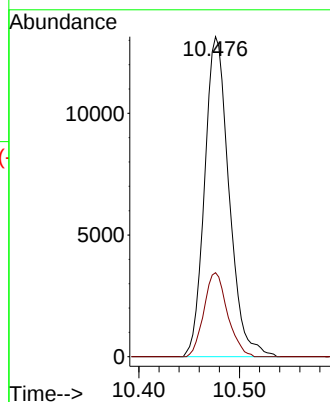
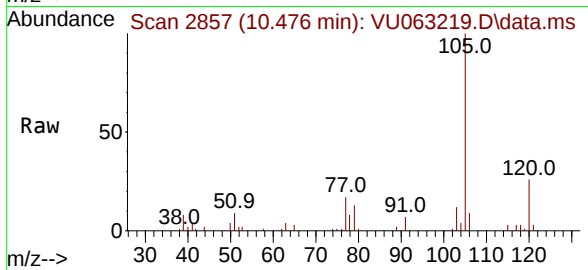
#69
Isopropylbenzene
Concen: 0.402 ug/l
RT: 10.476 min Scan# 2856
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:105 Resp: 2219
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.4

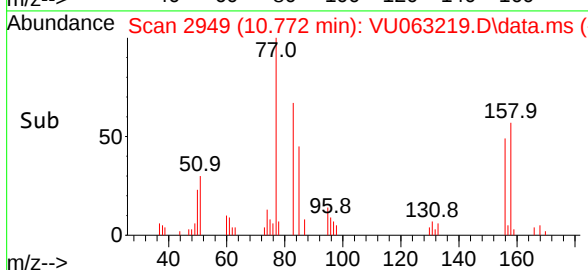
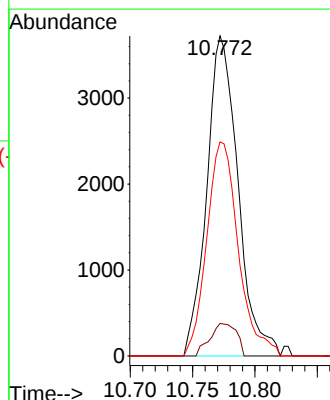
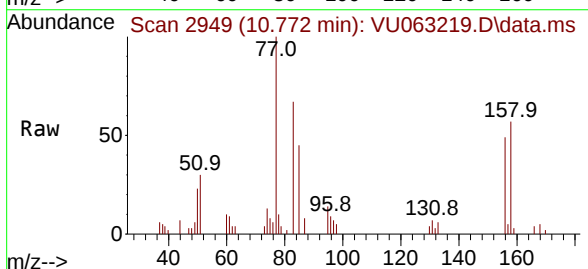
Manual Integrations
APPROVED

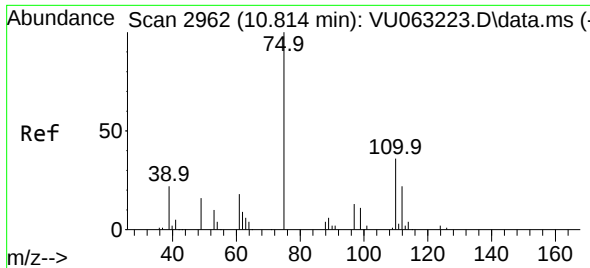
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#70
1,1,2,2-Tetrachloroethane
Concen: 0.440 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

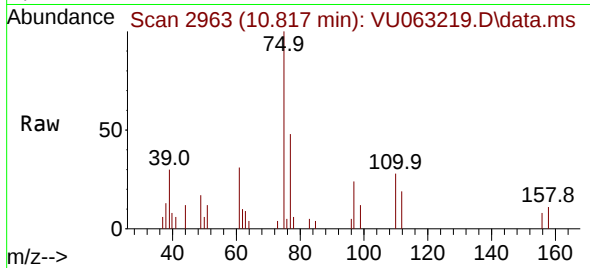
Tgt Ion: 83 Resp: 6493
Ion Ratio Lower Upper
83 100
131 8.6 7.4 11.0
85 67.6 51.8 77.8





#71
1,2,3-Trichloropropane
Concen: 0.490 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

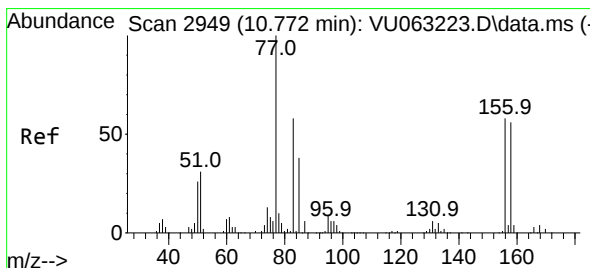
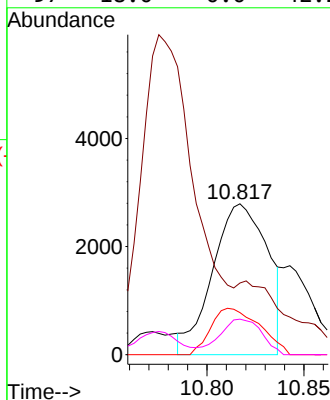
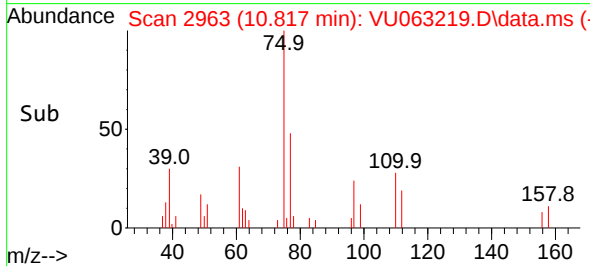
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



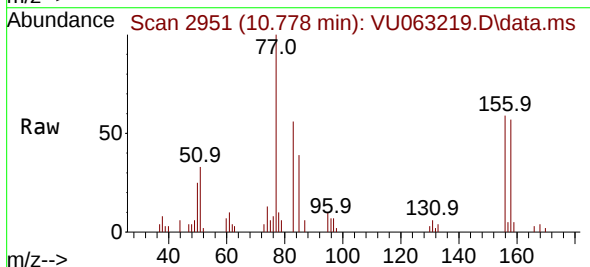
Tgt Ion: 75 Resp: 548
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 27.4 0.0 77.0
97 18.0 0.0 42.2

Manual Integrations
APPROVED

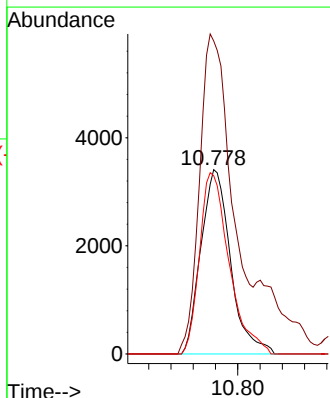
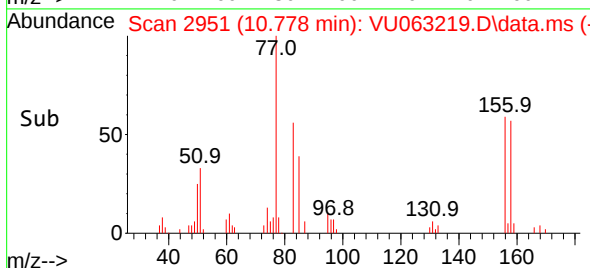
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

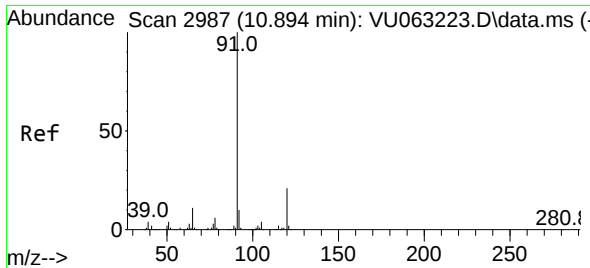


#72
Bromobenzene
Concen: 0.424 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59



Tgt Ion:156 Resp: 6302
Ion Ratio Lower Upper
156 100
77 186.6 0.0 343.6
158 98.3 0.0 193.0





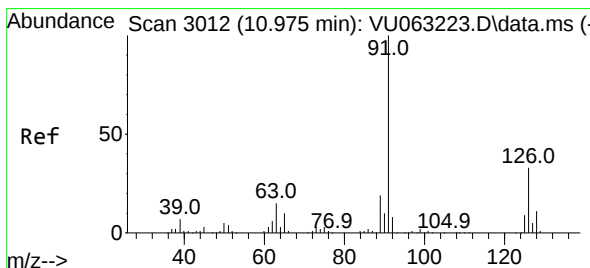
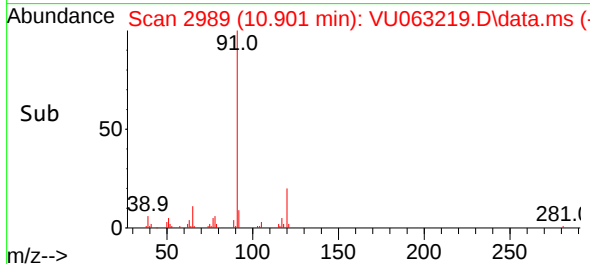
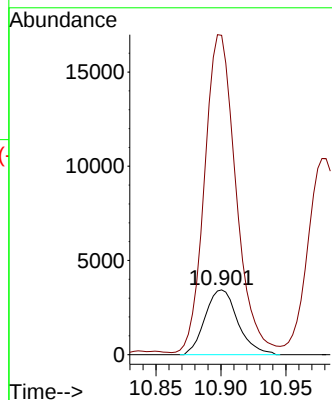
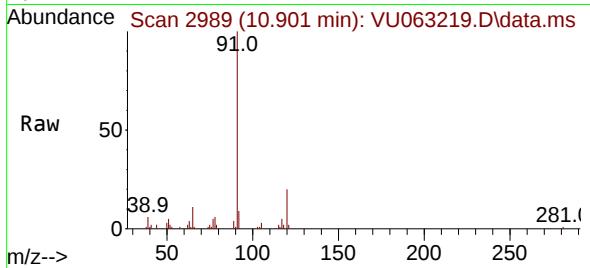
#73
n-propylbenzene
Concen: 0.382 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.006 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:120 Resp: 6029
Ion Ratio Lower Upper
120 100
91 469.0 369.8 554.6

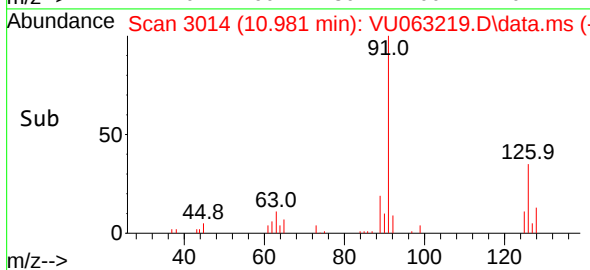
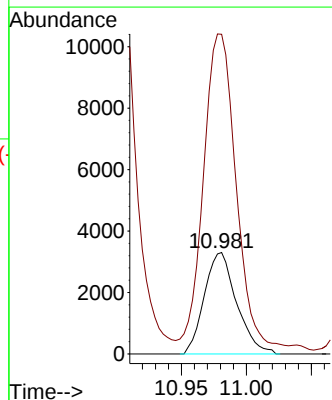
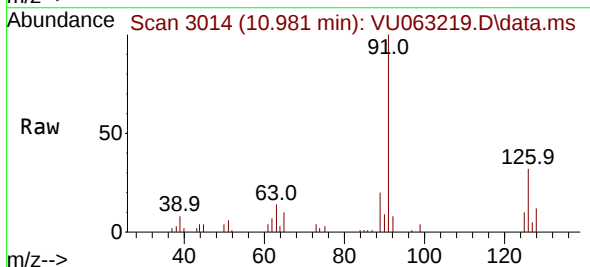
Manual Integrations
APPROVED

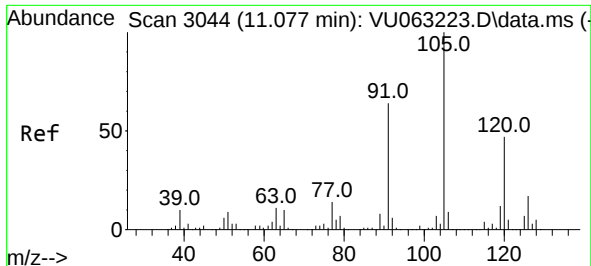
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#74
2-Chlorotoluene
Concen: 0.392 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.006 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Tgt Ion:126 Resp: 5699
Ion Ratio Lower Upper
126 100
91 306.6 0.0 623.8





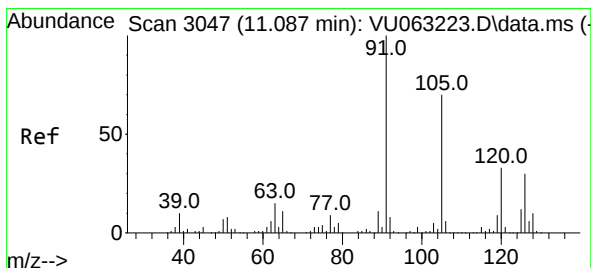
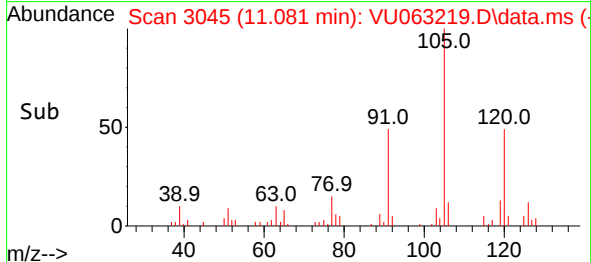
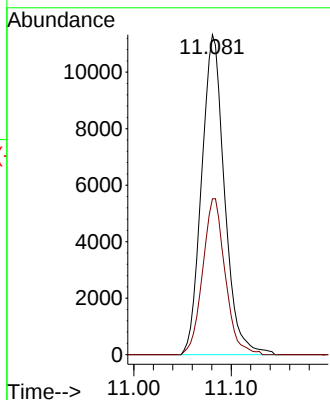
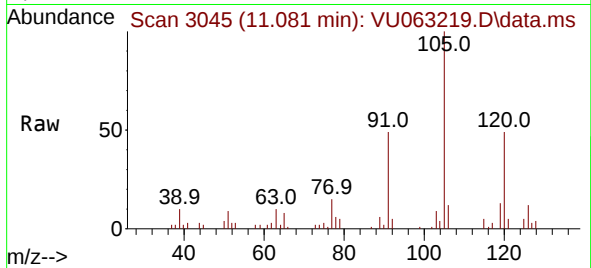
#75
1,3,5-Trimethylbenzene
Concen: 0.362 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:105 Resp: 1848
Ion Ratio Lower Upper
105 100
120 48.0 37.3 55.9

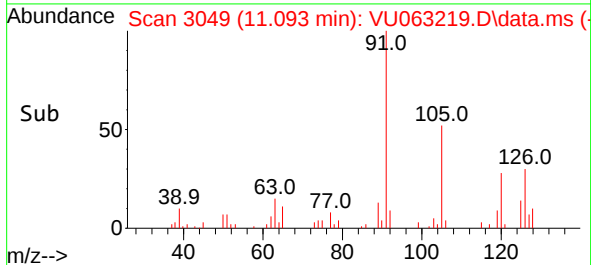
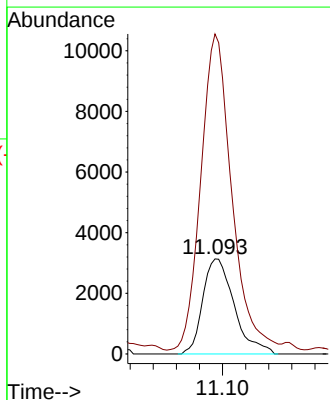
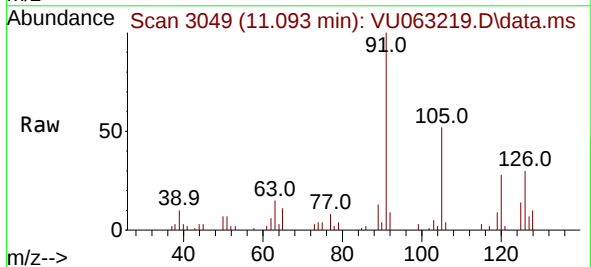
Manual Integrations
APPROVED

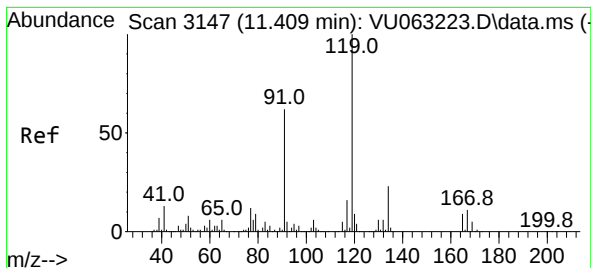
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#76
4-Chlorotoluene
Concen: 0.396 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.006 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Tgt Ion:126 Resp: 5912
Ion Ratio Lower Upper
126 100
91 326.4 0.0 703.6





#77

tert-Butylbenzene

Concen: 0.412 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. 0.003 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

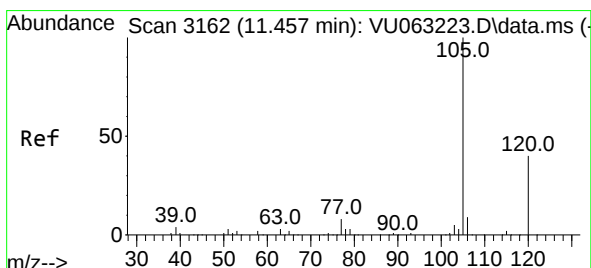
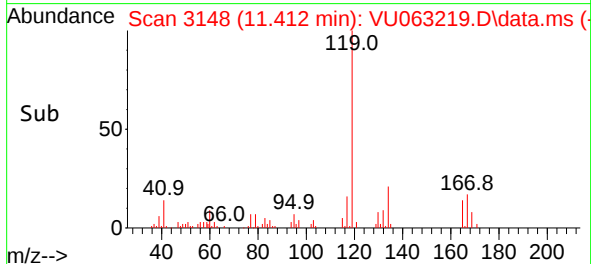
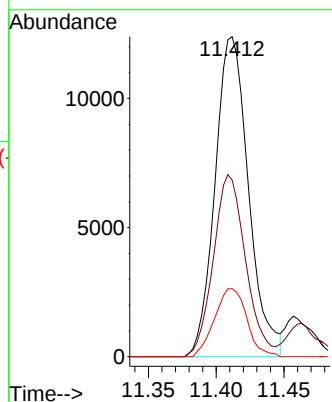
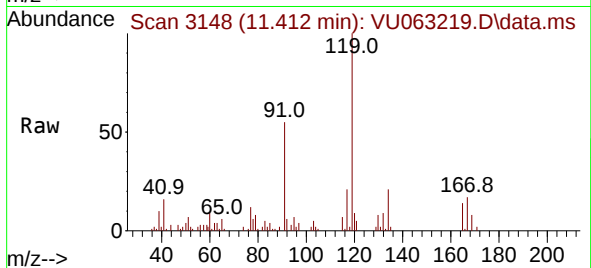
Tgt Ion:	119	Resp:	21304
Ion Ratio	Lower	Upper	
119	100		
91	54.7	29.4	88.3
134	20.4	17.6	26.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#78

1,2,4-Trimethylbenzene

Concen: 0.349 ug/l

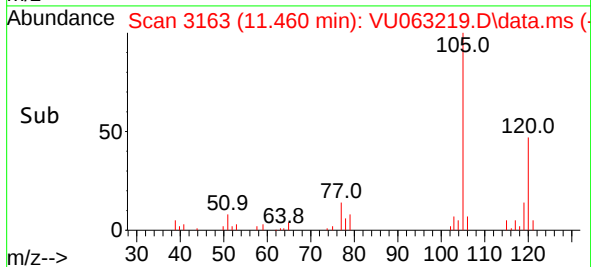
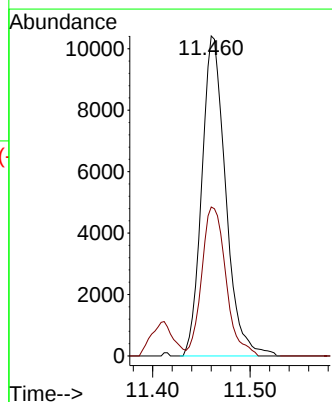
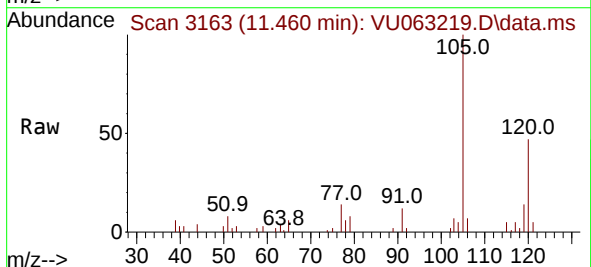
RT: 11.460 min Scan# 3163

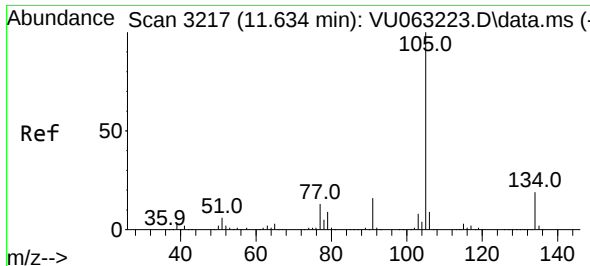
Delta R.T. 0.003 min

Lab File: VU063219.D

Acq: 10 Feb 2025 12:59

Tgt Ion:	105	Resp:	17694
Ion Ratio	Lower	Upper	
105	100		
120	47.2	21.9	65.7





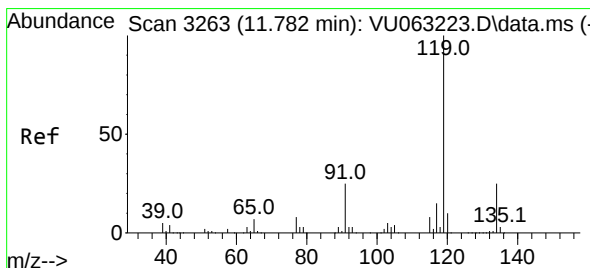
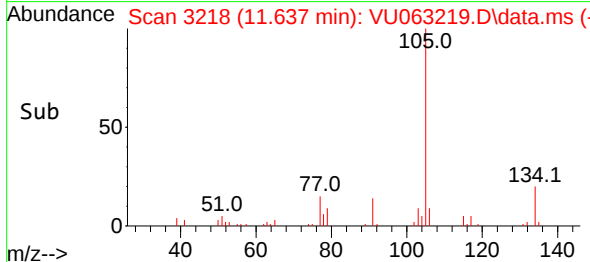
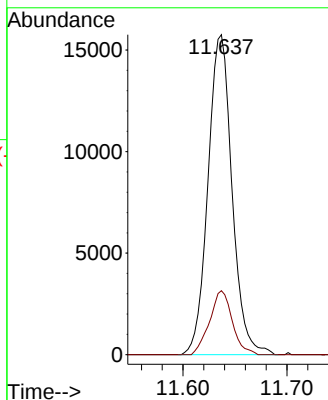
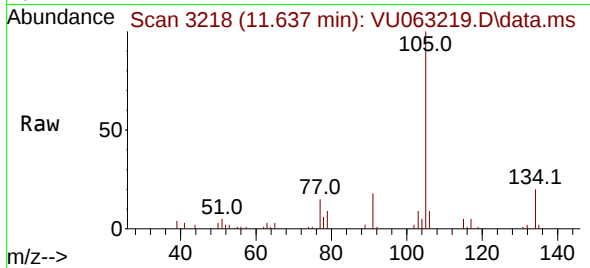
#79
 sec-Butylbenzene
 Concen: 0.385 ug/l
 RT: 11.637 min Scan# 3217
 Delta R.T. 0.003 min
 Lab File: VU063219.D
 Acq: 10 Feb 2025 12:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:105 Resp: 2535
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.1 22.7

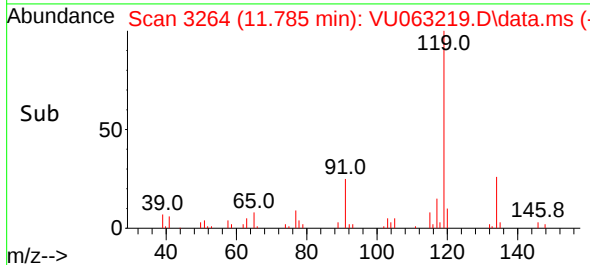
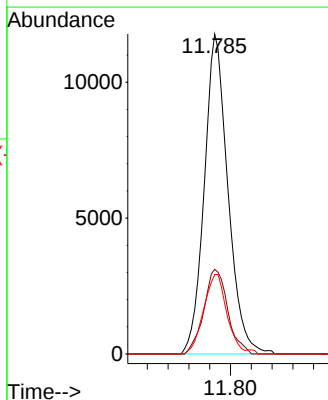
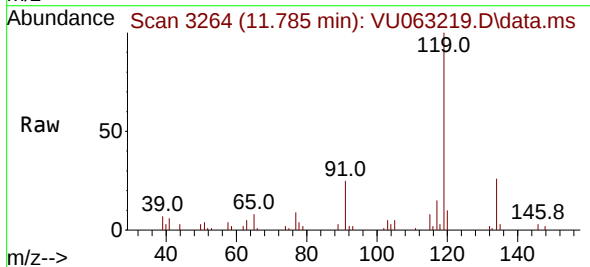
Manual Integrations
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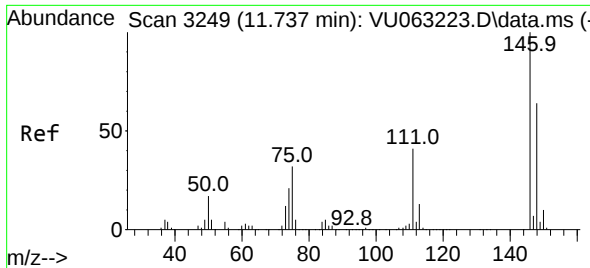
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#81
 p-Isopropyltoluene
 Concen: 0.358 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. 0.003 min
 Lab File: VU063219.D
 Acq: 10 Feb 2025 12:59

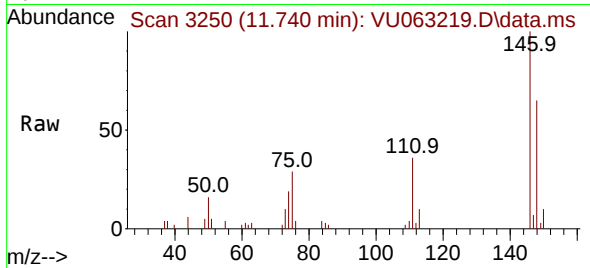
Tgt Ion:119 Resp: 18576
 Ion Ratio Lower Upper
 119 100
 134 26.6 20.3 30.5
 91 24.7 19.4 29.2





#82
1,3-Dichlorobenzene
Concen: 0.460 ug/l
RT: 11.740 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

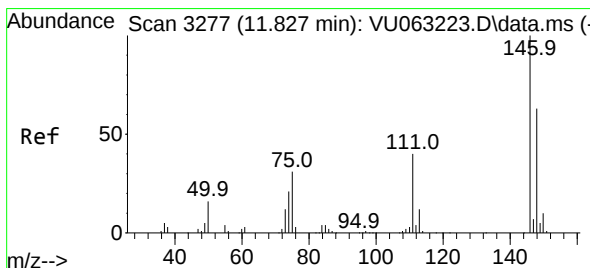
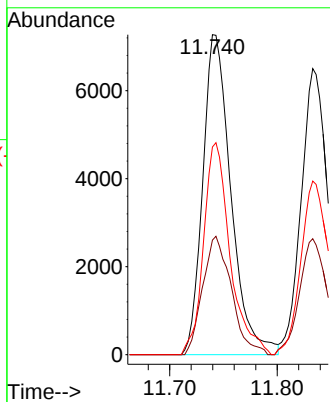
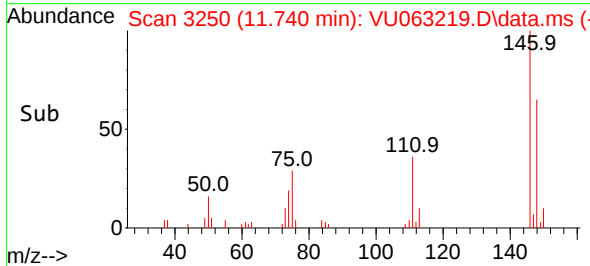
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



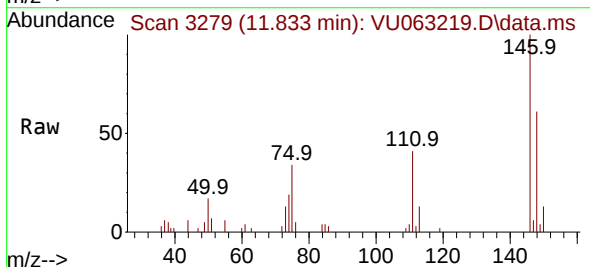
Tgt Ion:146 Resp: 1325
Ion Ratio Lower Upper
146 100
111 37.7 32.8 49.2
148 62.2 51.1 76.7

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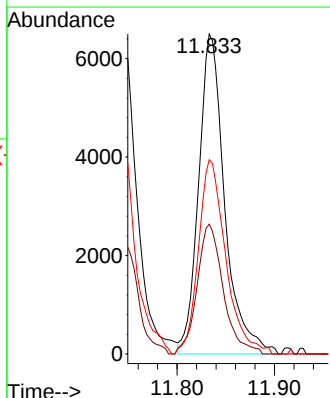
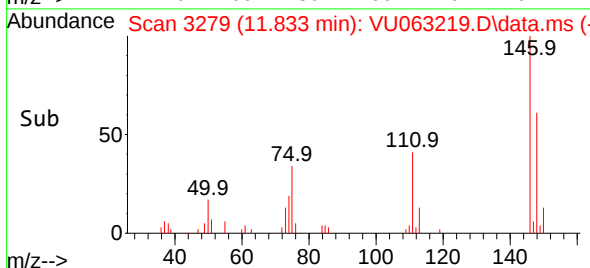
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

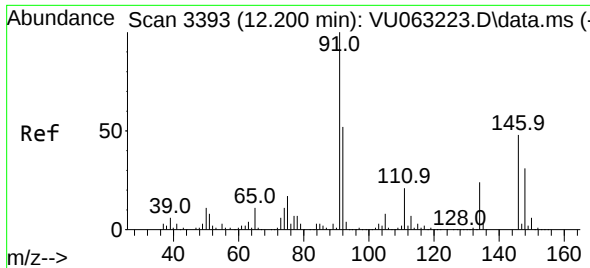


#83
1,4-Dichlorobenzene
Concen: 0.429 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.006 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59



Tgt Ion:146 Resp: 12096
Ion Ratio Lower Upper
146 100
111 40.6 32.1 48.1
148 63.6 50.2 75.4





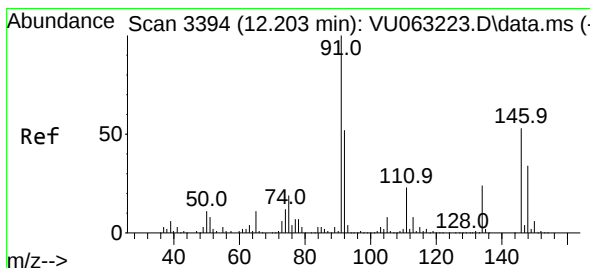
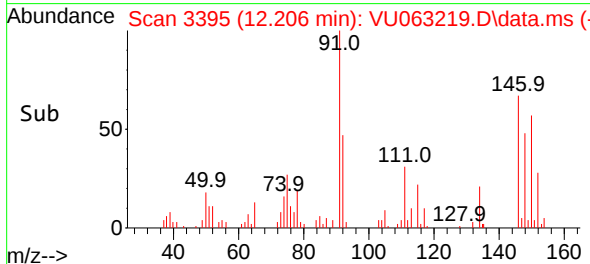
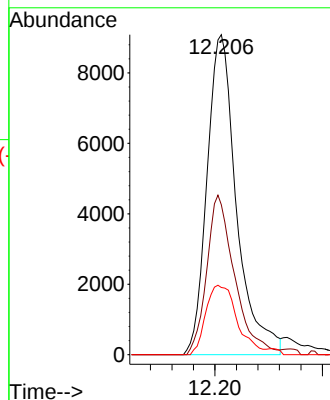
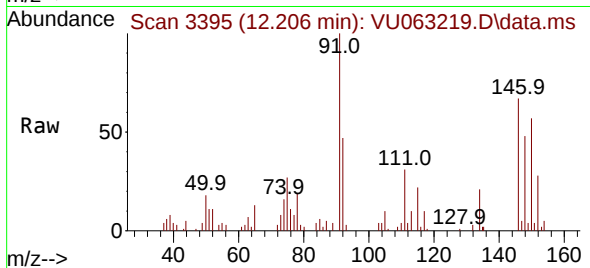
#84
n-Butylbenzene
Concen: 0.369 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.006 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 1729
Ion Ratio Lower Upper
91 100
92 47.1 41.8 62.8
134 23.1 18.6 28.0

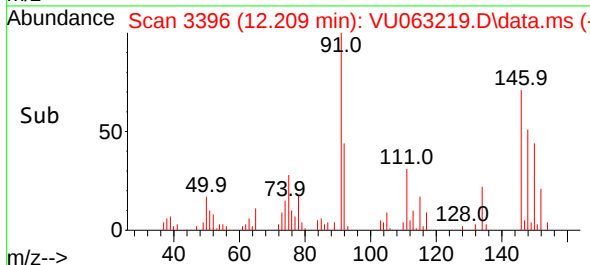
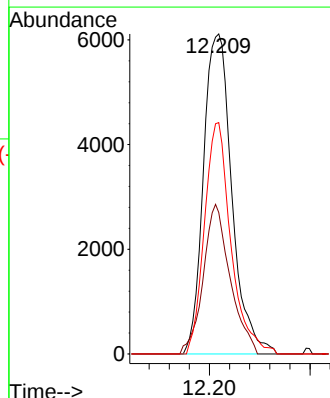
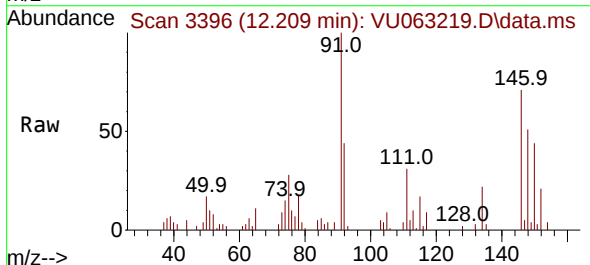
Manual Integrations
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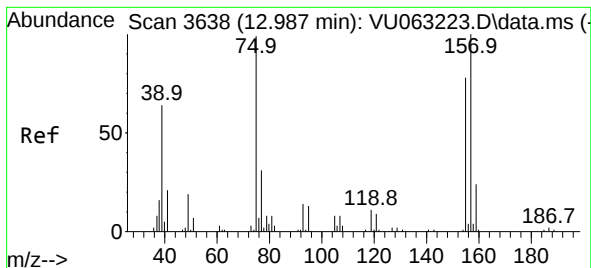
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#85
1,2-Dichlorobenzene
Concen: 0.433 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.006 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

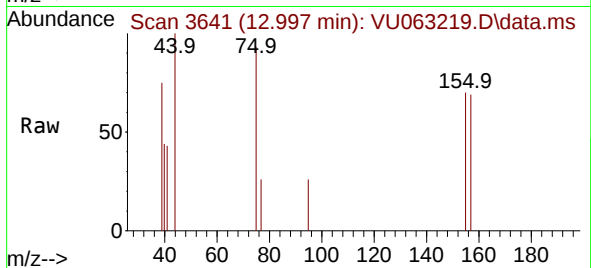
Tgt Ion:146 Resp: 11996
Ion Ratio Lower Upper
146 100
111 44.2 21.9 65.7
148 67.4 32.3 96.9





#86
1,2-Dibromo-3-Chloropropane
Concen: 0.376 ug/l
RT: 12.997 min Scan# 30
Delta R.T. 0.010 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

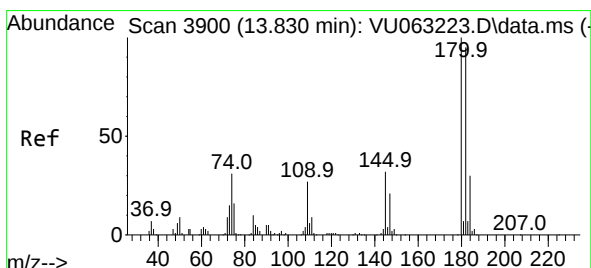
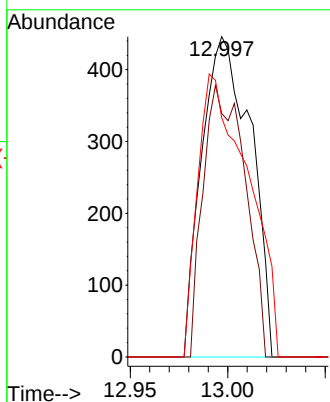
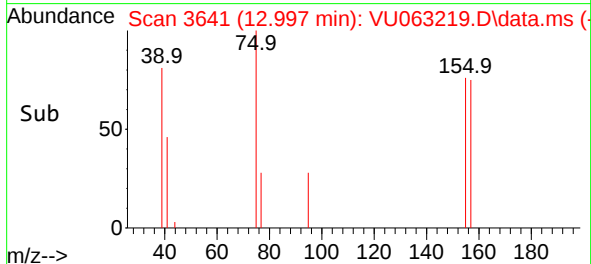
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



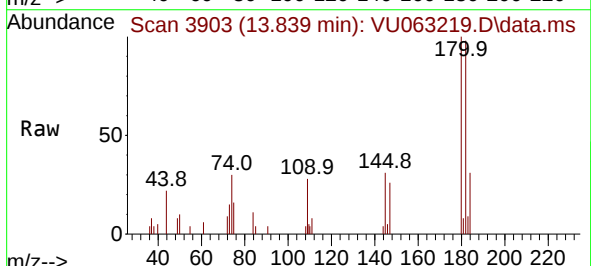
Tgt Ion: 75 Resp: 779
Ion Ratio Lower Upper
75 100
155 72.8 63.5 95.3
157 91.0 81.8 122.6

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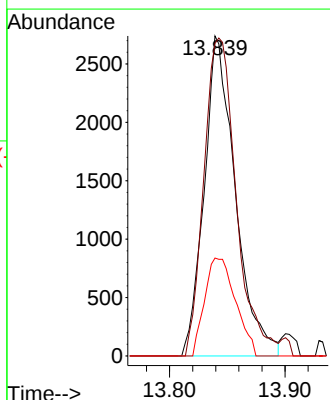
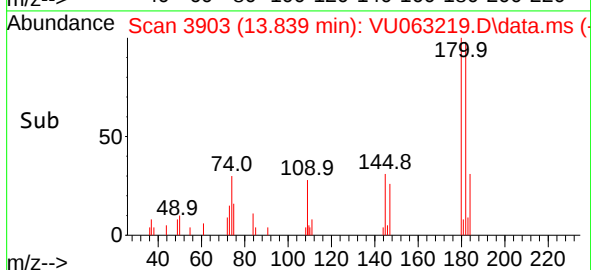
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

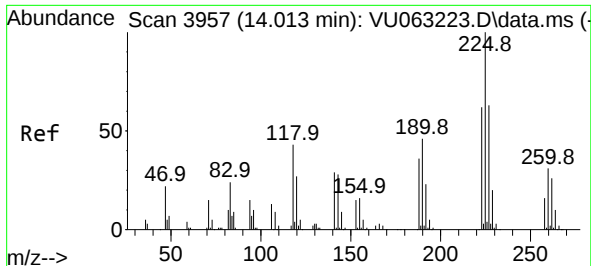


#87
1,2,4-Trichlorobenzene
Concen: 0.380 ug/l
RT: 13.839 min Scan# 3903
Delta R.T. 0.010 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59



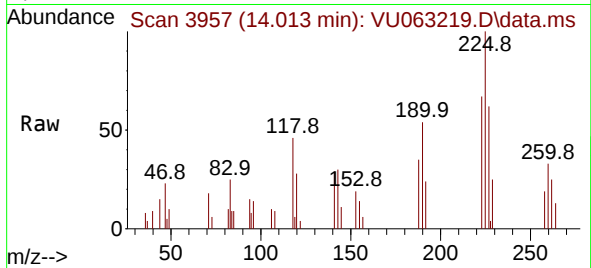
Tgt Ion:180 Resp: 5130
Ion Ratio Lower Upper
180 100
182 103.3 76.6 115.0
145 30.3 25.4 38.2





#88
Hexachlorobutadiene
Concen: 0.482 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.000 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59

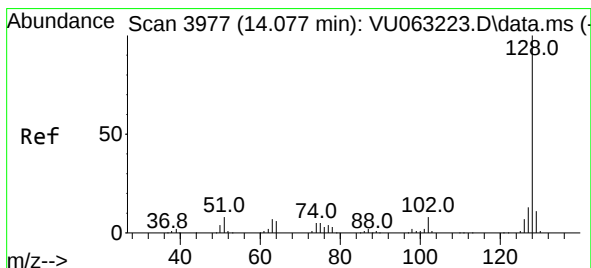
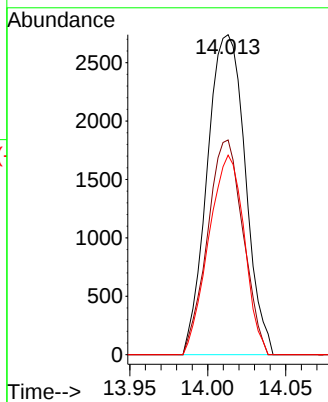
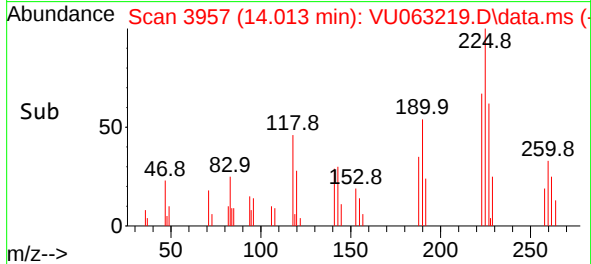
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



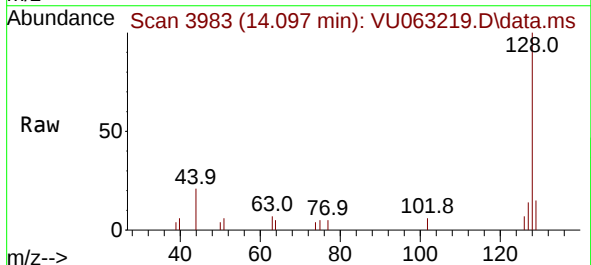
Tgt Ion:225 Resp: 465
Ion Ratio Lower Upper
225 100
223 62.8 49.5 74.3
227 58.2 51.0 76.4

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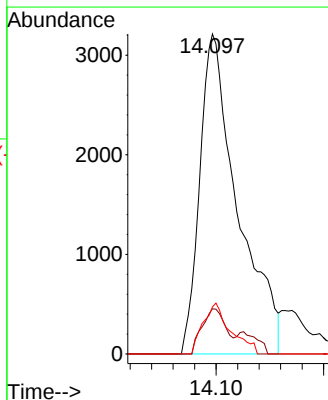
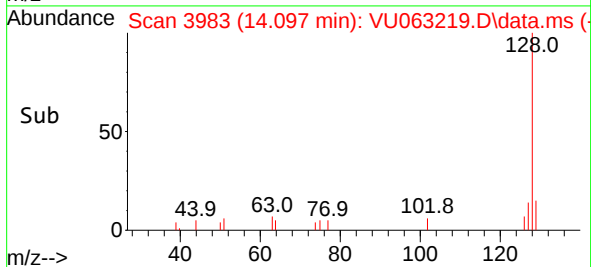
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

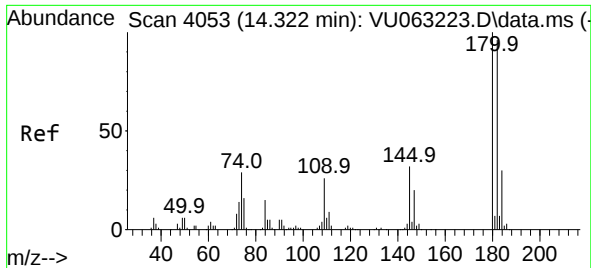


#89
Naphthalene
Concen: 0.899 ug/l
RT: 14.097 min Scan# 3983
Delta R.T. 0.019 min
Lab File: VU063219.D
Acq: 10 Feb 2025 12:59



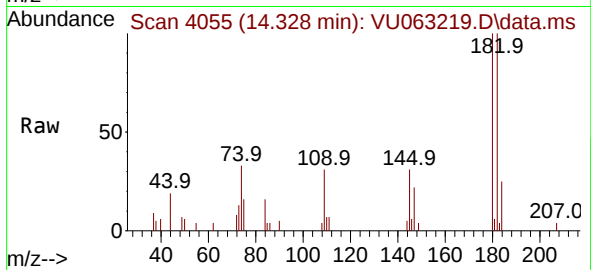
Tgt Ion:128 Resp: 7859
Ion Ratio Lower Upper
128 100
127 8.9 10.6 16.0#
129 11.5 8.6 13.0





#90
 1,2,3-Trichlorobenzene
 Concen: 0.412 ug/l
 RT: 14.328 min Scan# 4053
 Delta R.T. 0.006 min
 Lab File: VU063219.D
 Acq: 10 Feb 2025 12:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



Tgt Ion:180 Resp: 545
 Ion Ratio Lower Upper
 180 100
 182 96.5 78.2 117.2
 145 30.3 26.1 39.1

Manual Integrations
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Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025

