

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021025\
 Data File : VU063222.D
 Acq On : 10 Feb 2025 14:23
 Operator : MD/SY
 Sample : VSTDICC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Feb 11 03:59:30 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	6.103	96	55729	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.624	95	17913	0.974	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	18704	0.978	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	90512	4.999	ug/l	99
3) Chloromethane	1.518	50	102545	4.918	ug/l	99
4) Vinyl Chloride	1.599	62	104693	5.075	ug/l	99
5) Bromomethane	1.843	94	52801	5.534	ug/l	99
6) Chloroethane	1.924	64	62097	4.779	ug/l	98
7) Trichlorofluoromethane	2.129	101	123320	5.044	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	69588	5.015	ug/l	99
9) 1,1-Dichloroethene	2.567	96	69679	4.928	ug/l	96
10) Iodomethane	2.708	142	114428	5.148	ug/l	100
11) Allyl Chloride	2.911	41	101481	4.996	ug/l	100
12) Acrylonitrile	3.306	53	33591	10.453	ug/l	99
13) Acetone	2.612	43	58550	23.349	ug/l	96
14) Carbon Disulfide	2.782	76	242244	4.900	ug/l	100
15) Methylene Chloride	3.033	84	86216	4.936	ug/l	99
16) trans-1,2-Dichloroethene	3.338	96	80123	4.965	ug/l	98
17) 1,1-Dichloroethane	3.853	63	152899	5.027	ug/l	100
18) 2-Butanone	4.689	43	98391	24.289	ug/l	97
19) Cyclohexane	5.374	56	127410m	5.213	ug/l	
20) Methylcyclohexane	6.750	83	128499	5.302	ug/l	100
21) 2,2-Dichloropropane	4.647	77	117171	4.938	ug/l	98
22) cis-1,2-Dichloroethene	4.653	96	87987	5.046	ug/l	98
23) Diethyl Ether	2.364	59	60657	5.000	ug/l	97
24) tert-Butyl Alcohol	3.161	59	61281	45.943	ug/l	98
25) Methyl tert-Butyl Ether	3.348	73	178876	5.066	ug/l	99
26) Bromochloromethane	4.959	128	38617	5.067	ug/l	99
27) Chloroform	5.071	83	155011	5.050	ug/l	99
28) 1,1,1-Trichloroethane	5.300	97	127899	5.144	ug/l	99
29) 1,1-Dichloropropene	5.512	75	112514	5.052	ug/l	99
30) Carbon Tetrachloride	5.509	117	106762	5.007	ug/l	97
31) Isopropyl Ether	3.975	45	218715	5.037	ug/l	97
32) Ethyl-t-butyl ether	4.486	59	202182	5.120	ug/l	100
33) Tert-Amyl methyl ether	5.927	73	177493	5.144	ug/l	98
34) Propionitrile	4.759	54	31294	24.919	ug/l	96
35) Benzene	5.759	78	349985	5.111	ug/l	100
36) 1,2-Dichloroethane	5.779	62	99553	5.037	ug/l	99
37) Trichloroethene	6.531	130	80810	4.962	ug/l	93
38) 1,2-Dichloropropane	6.779	63	90072	5.026	ug/l	98
39) Methacrylonitrile	4.962	41	24242	5.404	ug/l	97
40) Methyl acrylate	4.840	55	43877m	5.358	ug/l	
41) Tetrahydrofuran	5.042	42	24329	9.229	ug/l	97
42) 1-Chlorobutane	5.444	56	160975	5.283	ug/l	98
43) Dibromomethane	6.907	93	45659	5.031	ug/l	97
44) Bromodichloromethane	7.094	83	109612	5.189	ug/l	99

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
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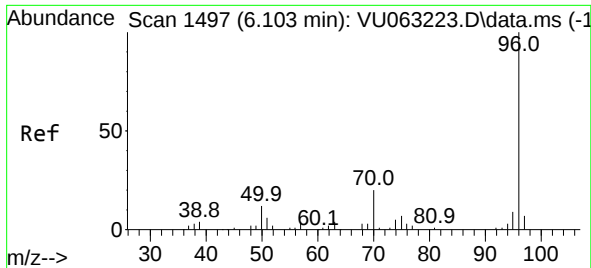
Manual Integrations
 APPROVED

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

Quant Time: Feb 11 03:59:30 2025
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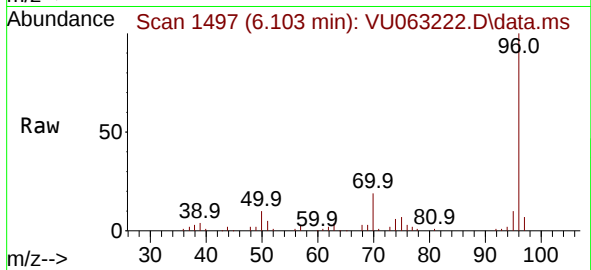
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.779	43	245466	25.799	ug/l	99
46) t-1,4-Dichloro-2-butene	10.824	75	40225m	8.544	ug/l	
47) Methyl methacrylate	6.949	69	82725	10.822	ug/l	97
48) Ethyl methacrylate	8.322	69	75186	5.238	ug/l	99
49) Toluene	7.959	92	207542	5.270	ug/l	100
50) t-1,3-Dichloropropene	8.200	75	100975	5.221	ug/l	99
51) cis-1,3-Dichloropropene	7.595	75	121107	5.070	ug/l	96
52) 1,1,2-Trichloroethane	8.386	97	61701	5.042	ug/l	98
53) 1,3-Dichloropropane	8.563	76	111566	5.136	ug/l	99
54) 2-Hexanone	8.672	43	163849	25.235	ug/l	98
55) Dibromochloromethane	8.798	129	71240	5.061	ug/l	98
56) 1,2-Dibromoethane	8.914	107	58284	5.079	ug/l	99
58) Tetrachloroethene	8.544	164	69703	5.194	ug/l	97
59) Chlorobenzene	9.438	112	215989	5.198	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.521	131	74952	5.018	ug/l	98
61) Pentachloroethane	11.415	117	66930	5.016	ug/l	96
62) Hexachloroethane	12.463	117	58399	4.947	ug/l	99
63) Ethyl Benzene	9.560	91	379921	5.301	ug/l	99
64) m/p-Xylenes	9.682	106	293404	10.960	ug/l	99
65) o-Xylene	10.090	106	139940	5.340	ug/l	98
66) Styrene	10.103	104	227199	5.448	ug/l	99
67) Bromoform	10.280	173	40369	5.053	ug/l	99
69) Isopropylbenzene	10.473	105	329990	5.356	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.769	83	81338	4.932	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	59228m	4.736	ug/l	
72) Bromobenzene	10.772	156	85960	5.178	ug/l	98
73) n-propylbenzene	10.894	120	95937	5.439	ug/l	99
74) 2-Chlorotoluene	10.975	126	87769	5.399	ug/l	98
75) 1,3,5-Trimethylbenzene	11.078	105	313345	5.489	ug/l	100
76) 4-Chlorotoluene	11.087	126	89247	5.353	ug/l	99
77) tert-Butylbenzene	11.409	119	299259	5.183	ug/l	99
78) 1,2,4-Trimethylbenzene	11.457	105	313777	5.539	ug/l	99
79) sec-Butylbenzene	11.634	105	394157	5.362	ug/l	99
80) Nitrobenzene	13.209	77	10183m	23.083	ug/l	
81) p-Isopropyltoluene	11.782	119	316807	5.461	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	164073	5.096	ug/l	99
83) 1,4-Dichlorobenzene	11.827	146	165157	5.244	ug/l	99
84) n-Butylbenzene	12.200	91	276461	5.285	ug/l	98
85) 1,2-Dichlorobenzene	12.203	146	156956	5.072	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.987	75	12084	5.220	ug/l	96
87) 1,2,4-Trichlorobenzene	13.830	180	78516	5.203	ug/l	98
88) Hexachlorobutadiene	14.010	225	53269	4.939	ug/l	99
89) Naphthalene	14.081	128	122840	4.286	ug/l	99
90) 1,2,3-Trichlorobenzene	14.319	180	76620	5.189	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 1497
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

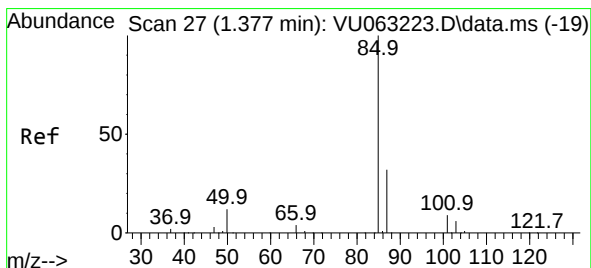
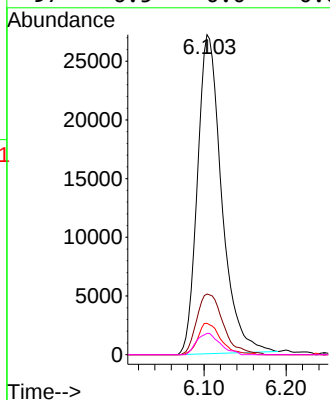
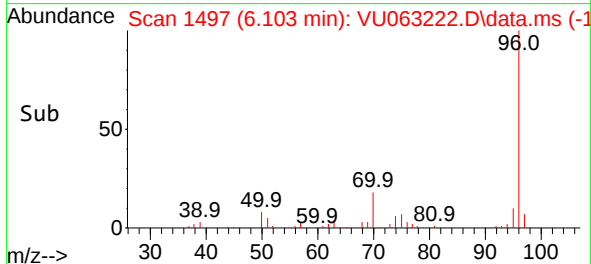
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion: 96	Resp: 55729
Ion Ratio	Lower Upper
96 100	
70 20.8	15.6 23.4
95 9.3	7.3 10.9
97 6.5	0.0 0.0#

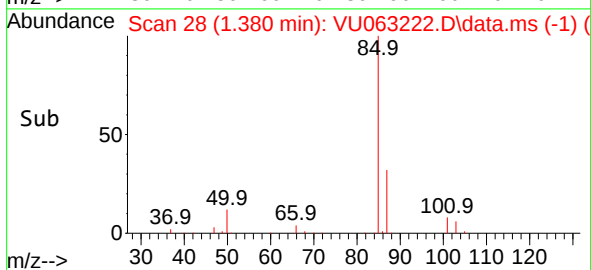
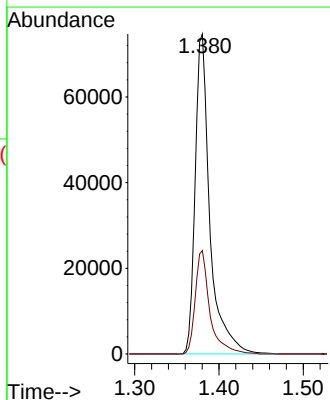
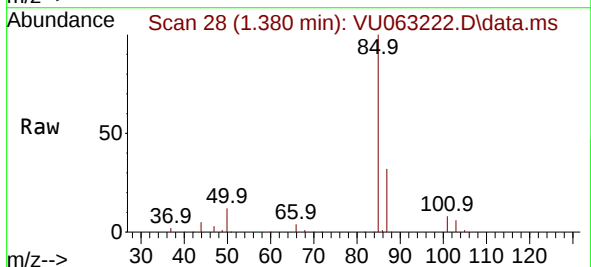
Manual Integrations
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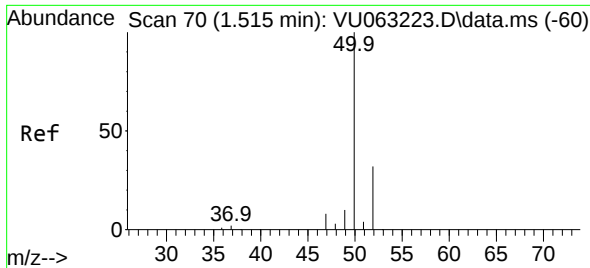
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#2
Dichlorodifluoromethane
Concen: 4.999 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion: 85	Resp: 90512
Ion Ratio	Lower Upper
85 100	
87 32.3	16.0 48.0





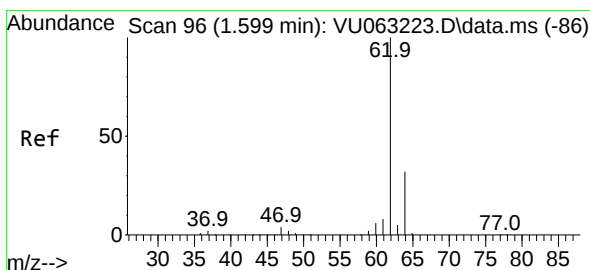
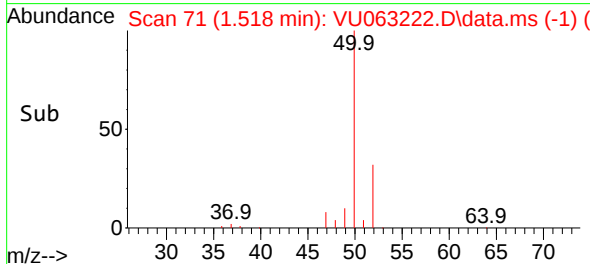
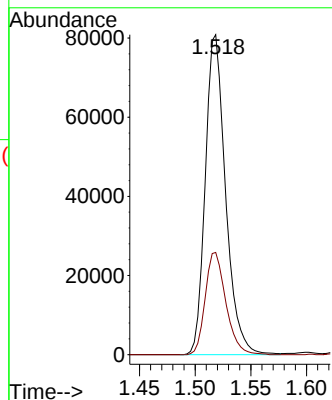
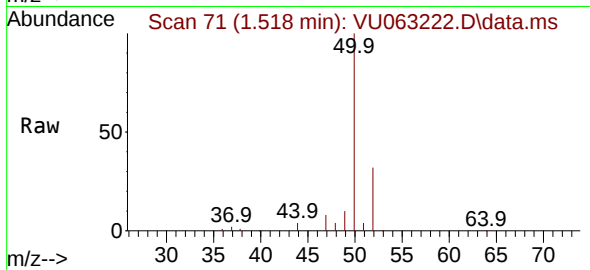
#3
Chloromethane
Concen: 4.918 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 102549
Ion Ratio Lower Upper
50 100
52 31.9 25.8 38.8

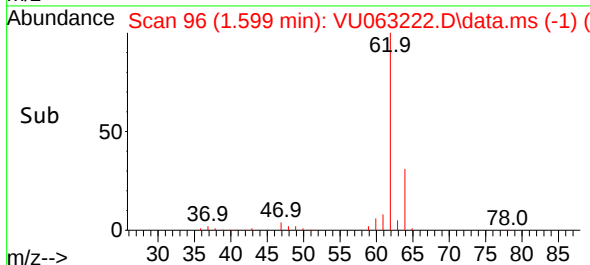
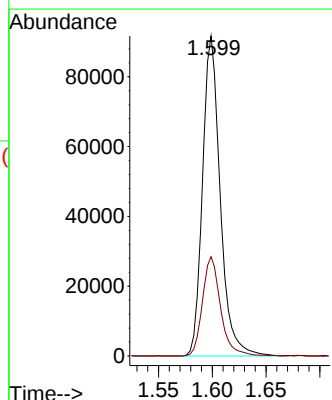
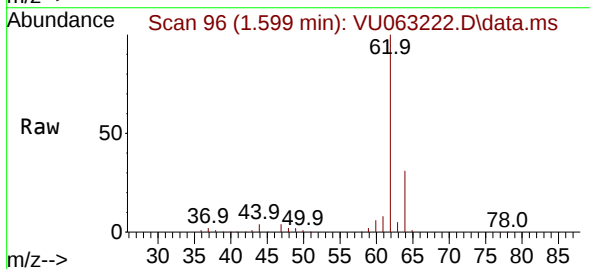
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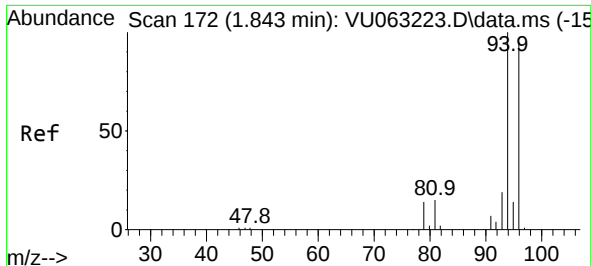
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#4
Vinyl Chloride
Concen: 5.075 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion: 62 Resp: 104693
Ion Ratio Lower Upper
62 100
64 31.0 25.4 38.0





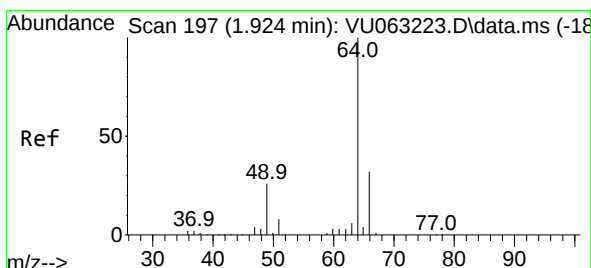
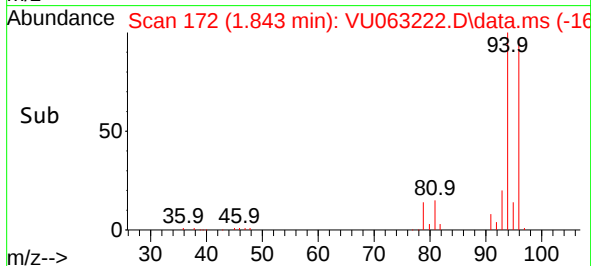
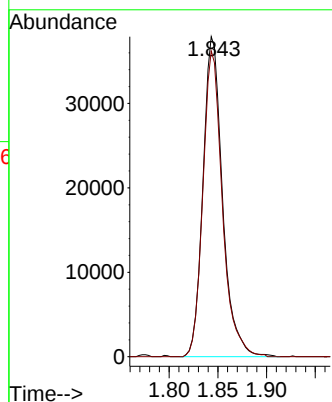
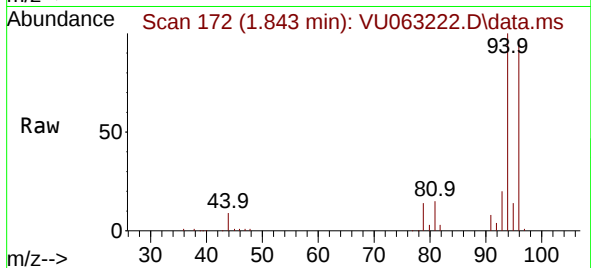
#5
Bromomethane
Concen: 5.534 ug/l
RT: 1.843 min Scan# 172
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 5280
Ion Ratio Lower Upper
94 100
96 95.6 75.7 113.5

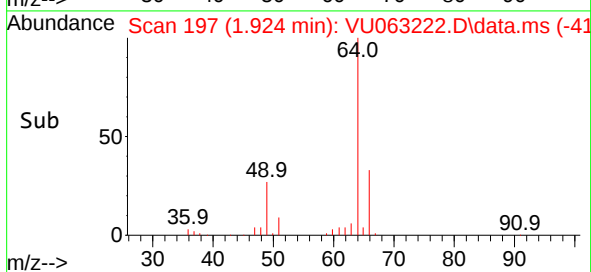
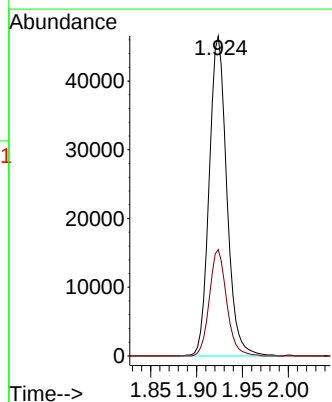
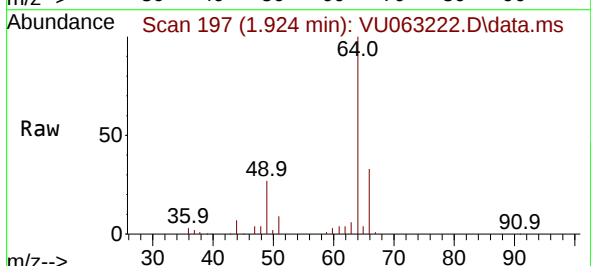
Manual Integrations
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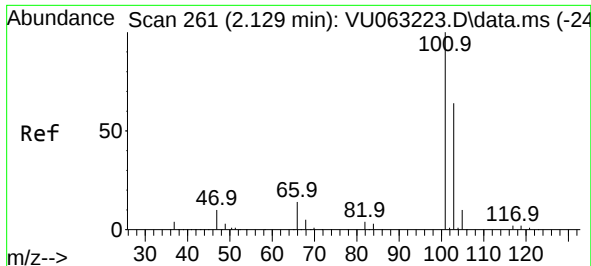
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#6
Chloroethane
Concen: 4.779 ug/l
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

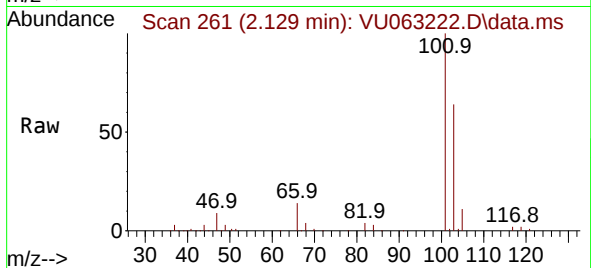
Tgt Ion: 64 Resp: 62097
Ion Ratio Lower Upper
64 100
66 33.3 25.8 38.8





#7
Trichlorofluoromethane
Concen: 5.044 ug/l
RT: 2.129 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

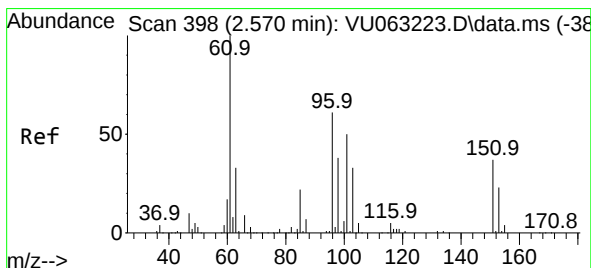
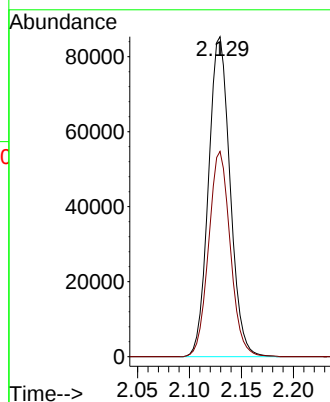
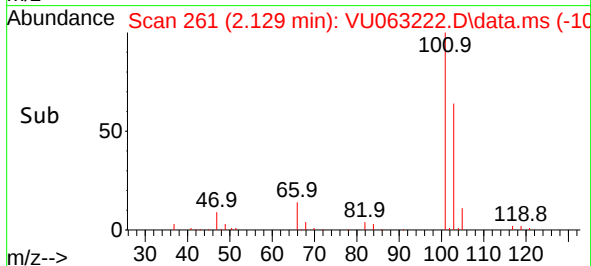
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



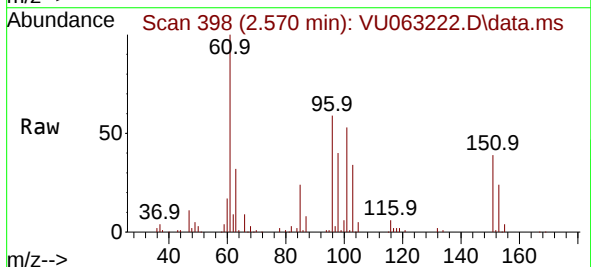
Tgt Ion:101 Resp: 123320
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2

Manual Integrations
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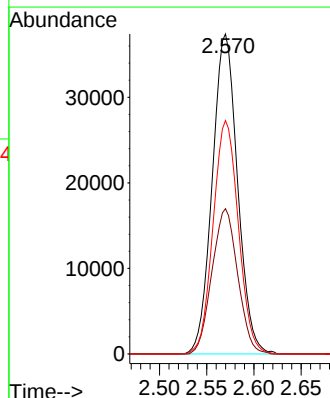
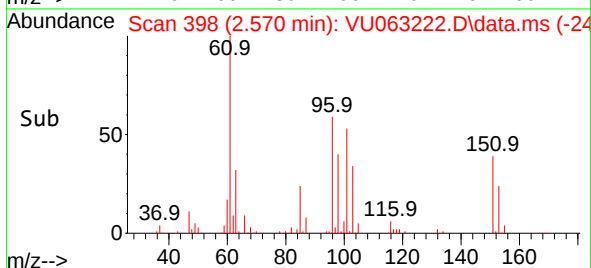
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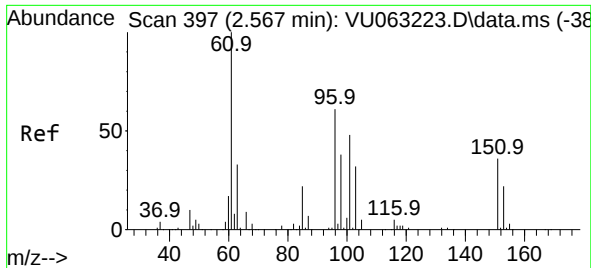


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.015 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23



Tgt Ion:101 Resp: 69588
Ion Ratio Lower Upper
101 100
85 46.1 35.4 53.0
151 72.8 58.5 87.7





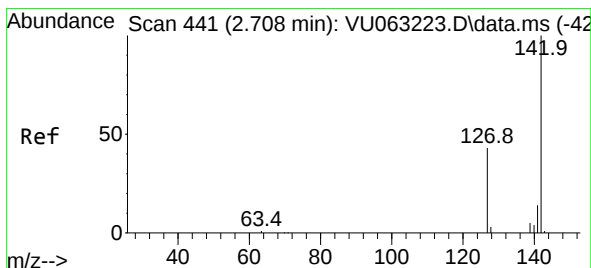
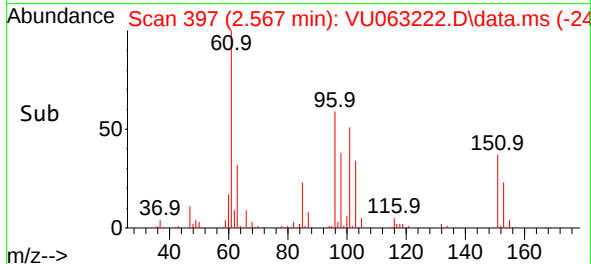
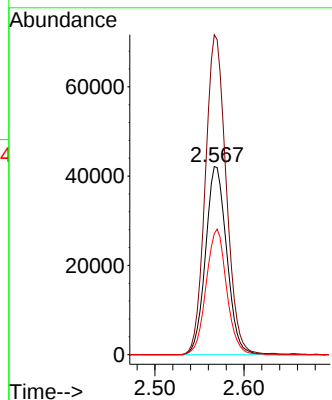
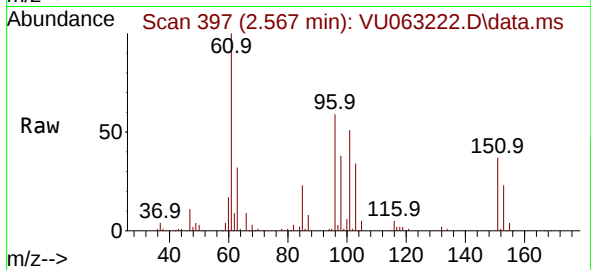
#9
1,1-Dichloroethene
Concen: 4.928 ug/l
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Instrument :
MSVOA_U
Client Sample Id :
VSTDIC005

Tgt Ion: 96 Resp: 69679
Ion Ratio Lower Upper
96 100
61 170.1 0.0 492.9
98 64.3 0.0 124.0

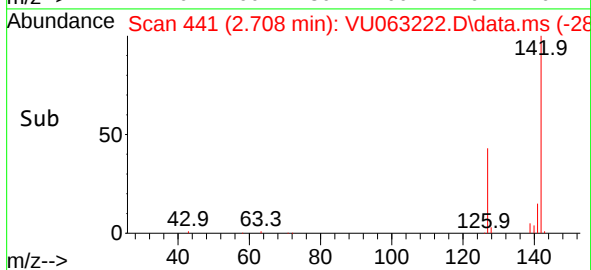
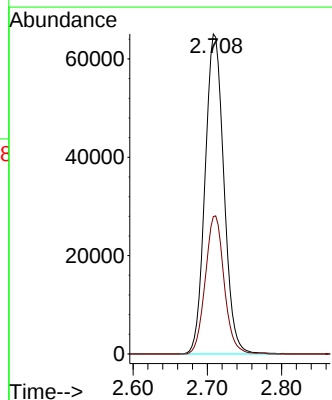
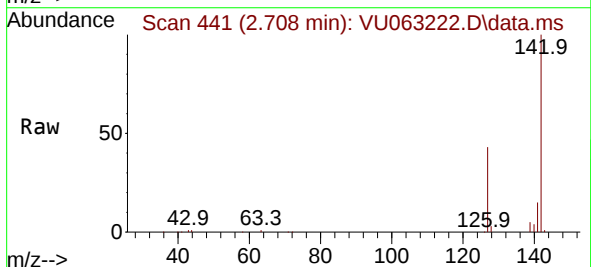
Manual Integrations
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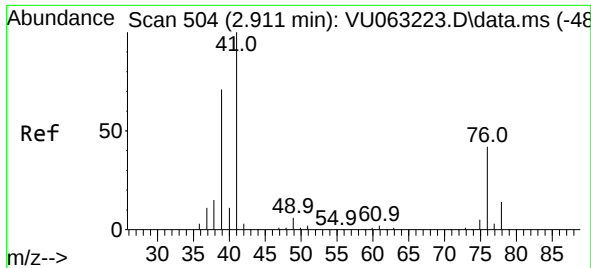
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#10
Iodomethane
Concen: 5.148 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion:142 Resp: 114428
Ion Ratio Lower Upper
142 100
127 43.1 34.5 51.7





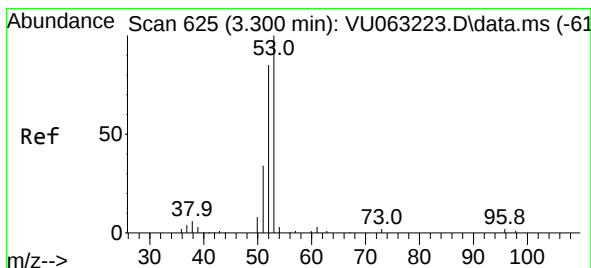
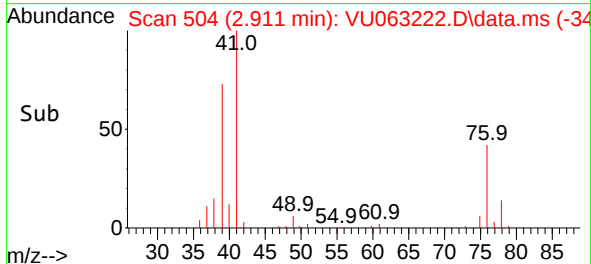
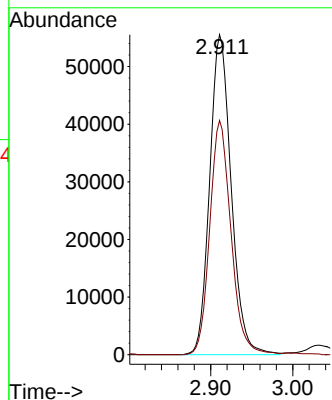
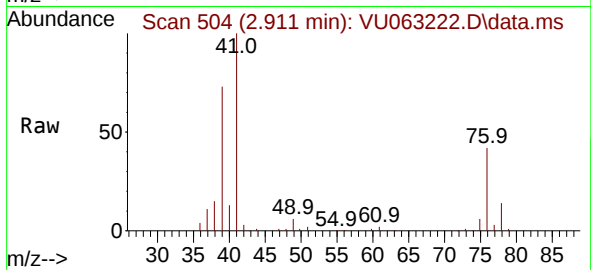
#11
 Allyl Chloride
 Concen: 4.996 ug/l
 RT: 2.911 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: VU063222.D
 Acq: 10 Feb 2025 14:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 41 Resp: 10148
 Ion Ratio Lower Upper
 41 100
 39 72.1 57.9 86.9

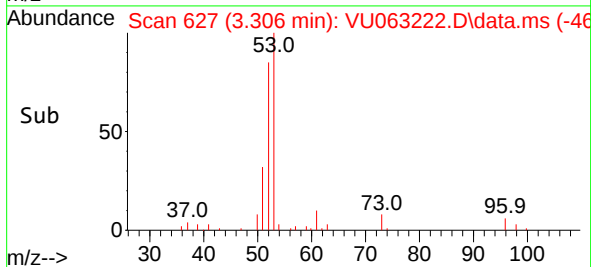
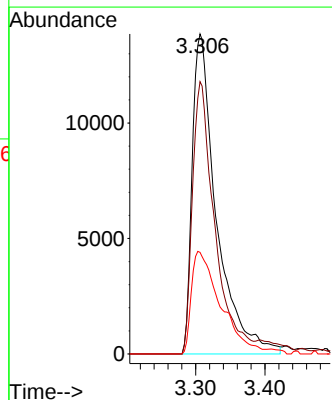
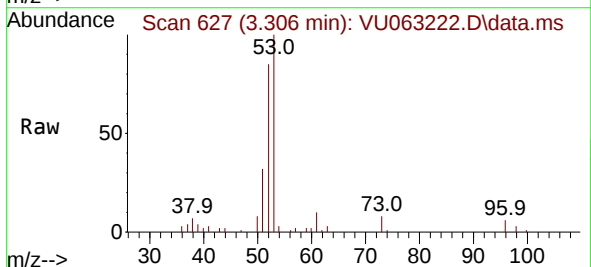
Manual Integrations
 APPROVED

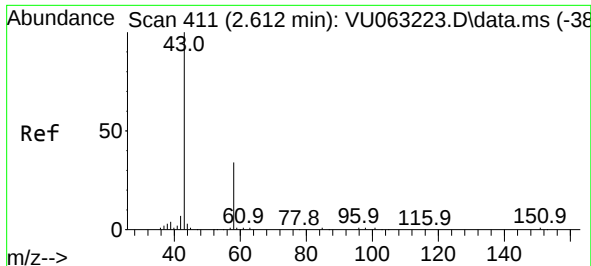
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#12
 Acrylonitrile
 Concen: 10.453 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.006 min
 Lab File: VU063222.D
 Acq: 10 Feb 2025 14:23

Tgt Ion: 53 Resp: 33591
 Ion Ratio Lower Upper
 53 100
 52 78.3 64.2 96.2
 51 38.5 30.8 46.2





#13

Acetone

Concen: 23.349 ug/l

RT: 2.612 min Scan# 411

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 58550

Ion Ratio Lower Upper

43 100

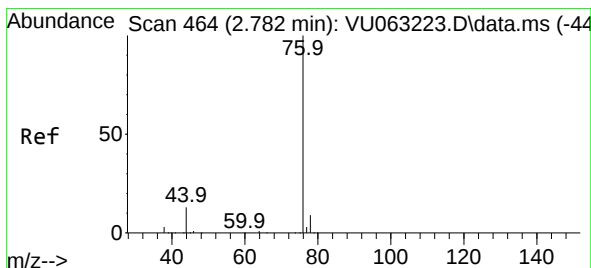
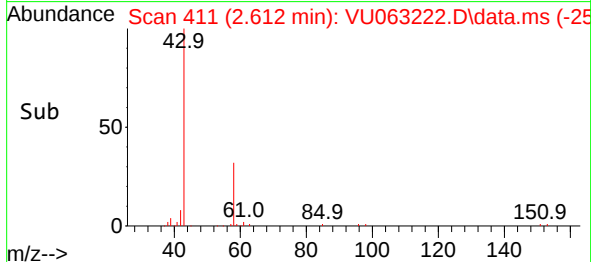
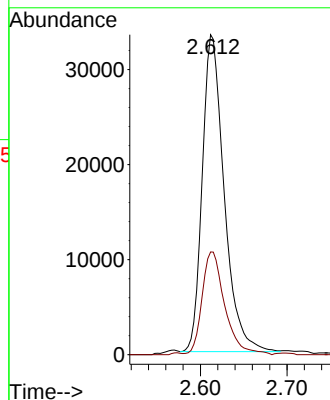
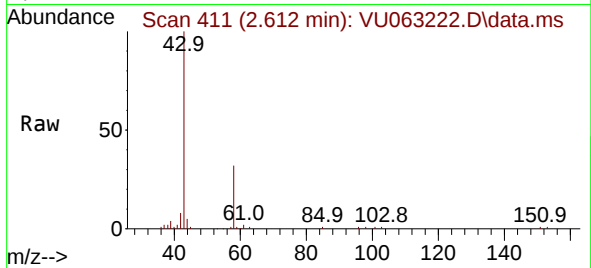
58 32.0 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#14

Carbon Disulfide

Concen: 4.900 ug/l

RT: 2.782 min Scan# 464

Delta R.T. 0.000 min

Lab File: VU063222.D

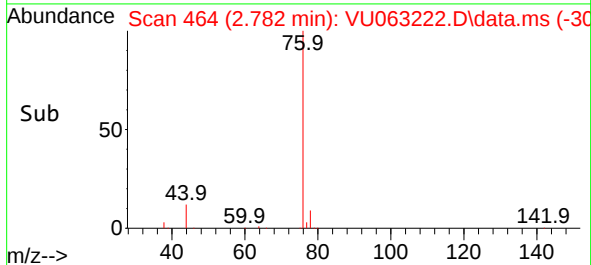
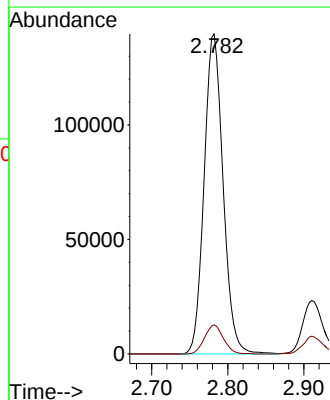
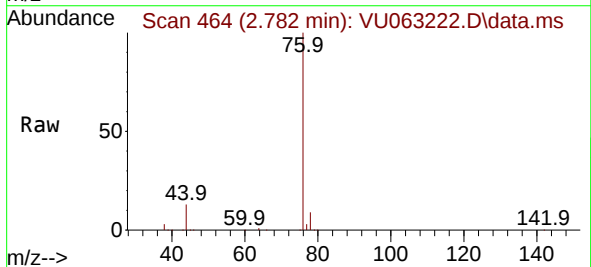
Acq: 10 Feb 2025 14:23

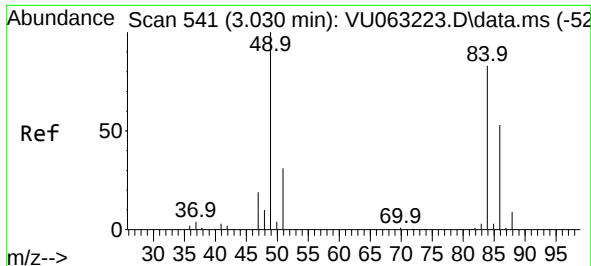
Tgt Ion: 76 Resp: 242244

Ion Ratio Lower Upper

76 100

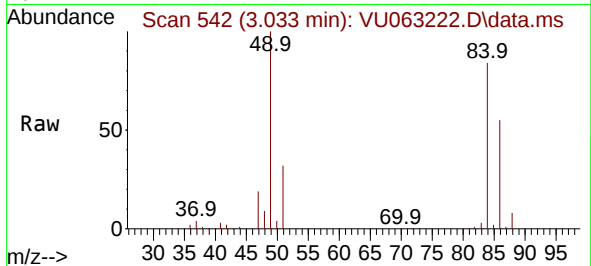
78 9.1 7.2 10.8





#15
Methylene Chloride
Concen: 4.936 ug/l
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

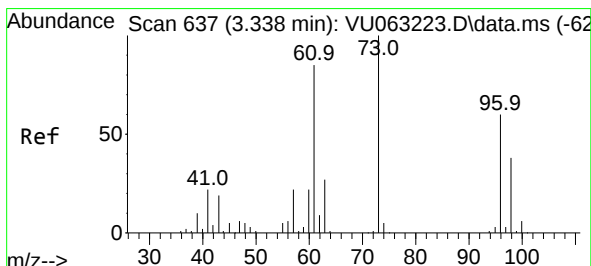
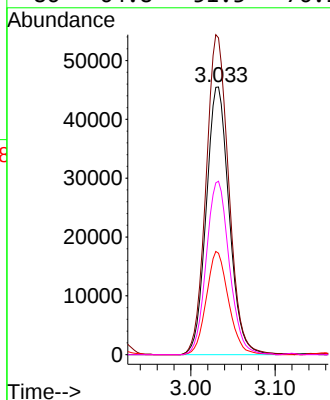
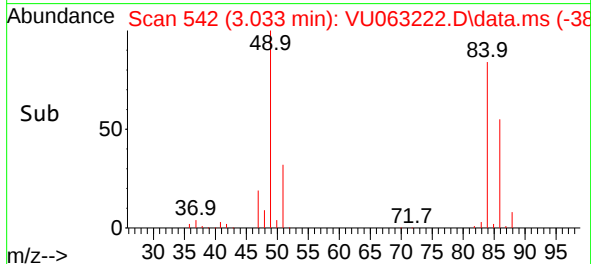
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 84 Resp: 86210
Ion Ratio Lower Upper
84 100
49 118.4 96.4 144.6
51 37.9 0.0 74.8
86 64.8 51.3 76.9

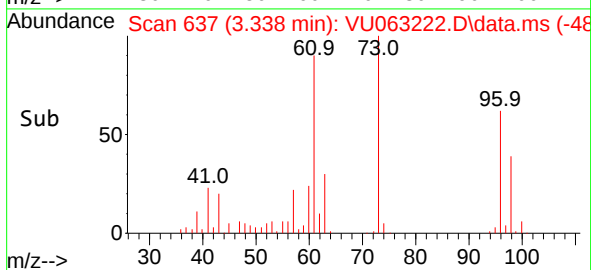
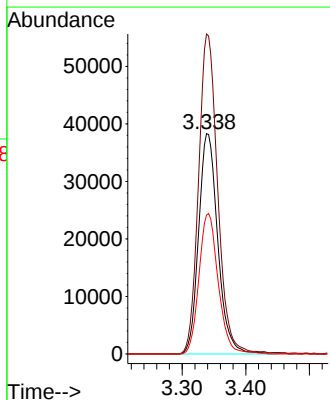
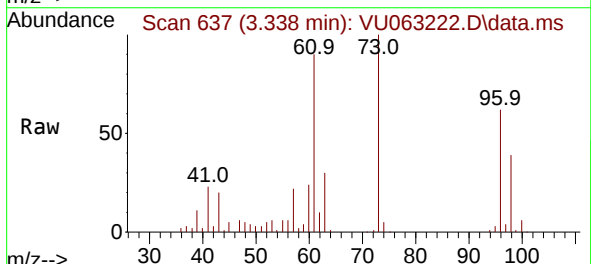
Manual Integrations
APPROVED

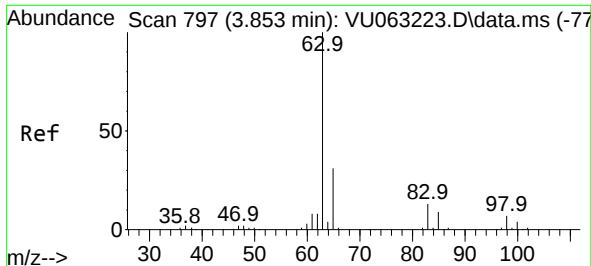
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#16
trans-1,2-Dichloroethene
Concen: 4.965 ug/l
RT: 3.338 min Scan# 637
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion: 96 Resp: 80123
Ion Ratio Lower Upper
96 100
61 145.3 113.4 170.2
98 63.0 51.2 76.8





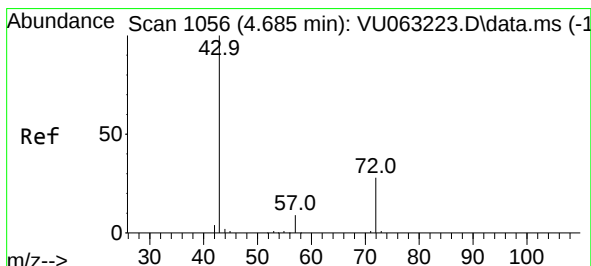
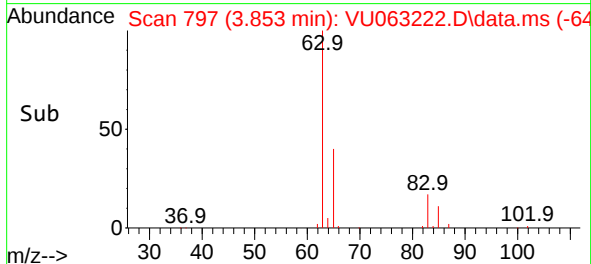
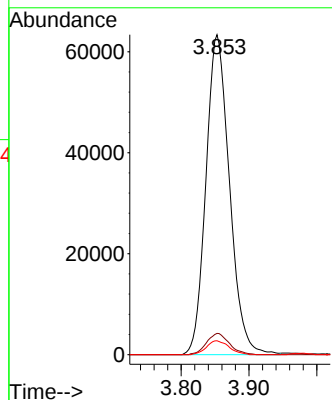
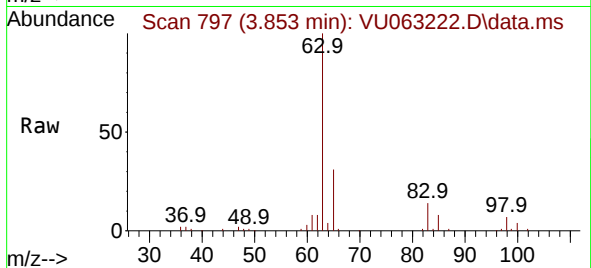
#17
1,1-Dichloroethane
Concen: 5.027 ug/l
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 152899
Ion Ratio Lower Upper
63 100
98 6.6 3.3 9.9
100 4.3 2.1 6.2

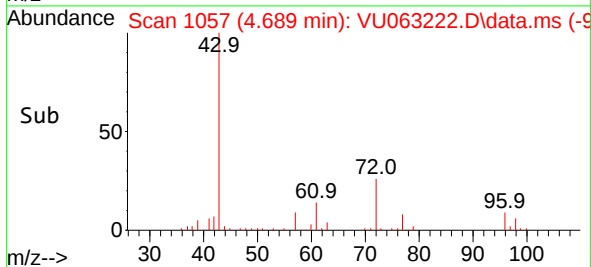
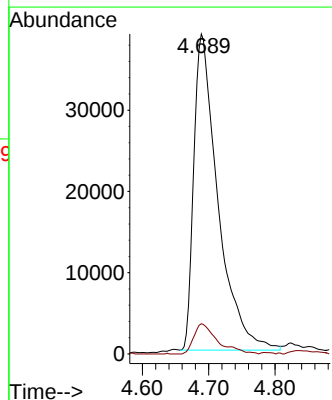
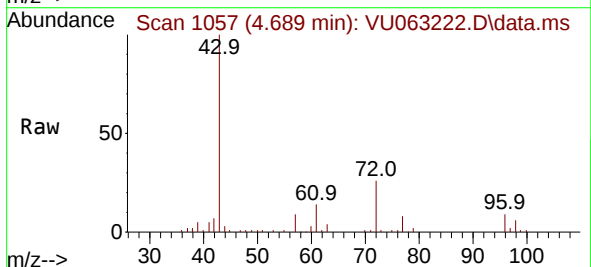
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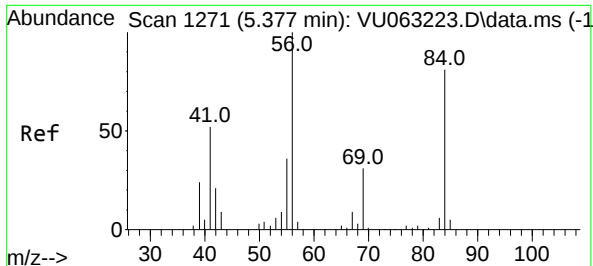
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#18
2-Butanone
Concen: 24.289 ug/l
RT: 4.689 min Scan# 1057
Delta R.T. 0.003 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion: 43 Resp: 98391
Ion Ratio Lower Upper
43 100
57 9.5 0.0 17.0





#19

Cyclohexane

Concen: 5.213 ug/l m

RT: 5.374 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 127410

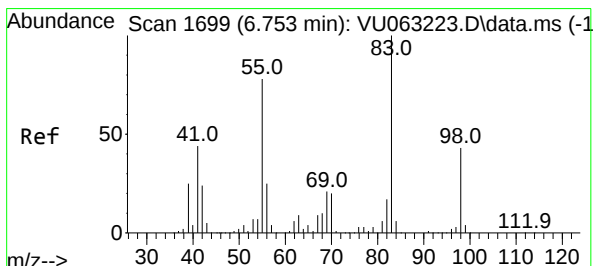
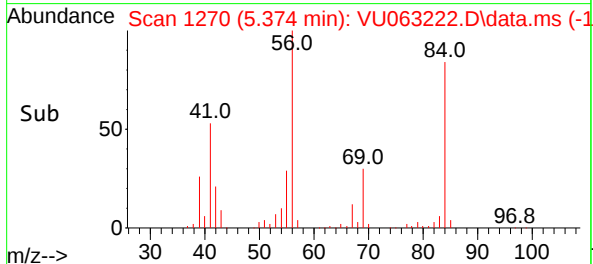
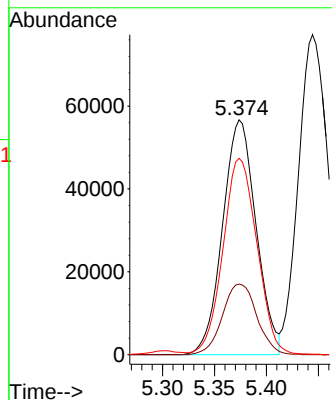
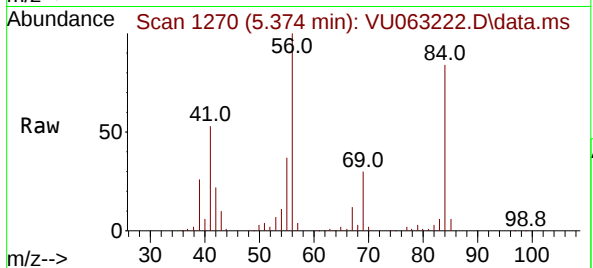
Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.5	36.7
84	83.4	65.2	97.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#20

Methylcyclohexane

Concen: 5.302 ug/l

RT: 6.750 min Scan# 1698

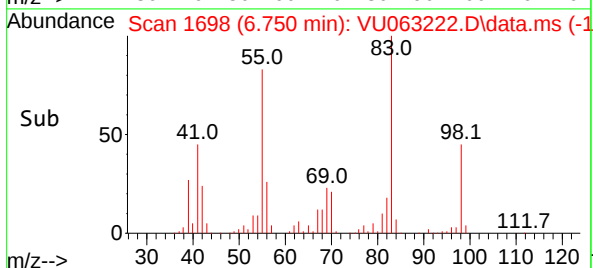
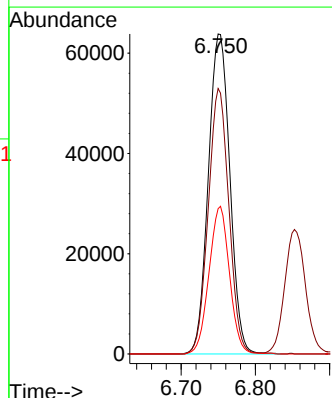
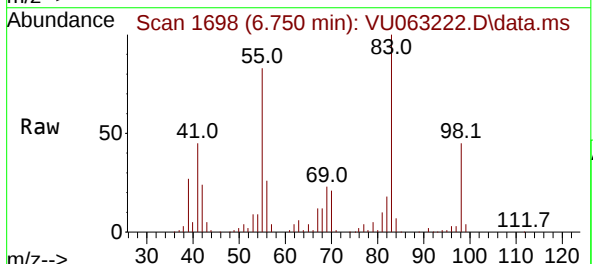
Delta R.T. -0.003 min

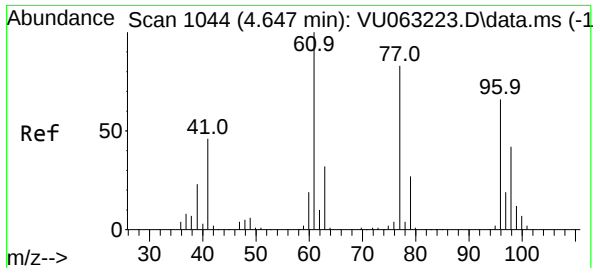
Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Tgt Ion: 83 Resp: 128499

Ion	Ratio	Lower	Upper
83	100		
55	78.9	63.1	94.7
98	43.6	35.2	52.8





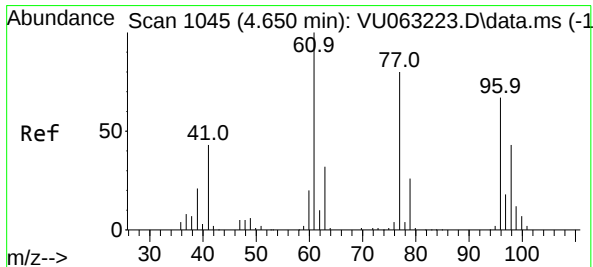
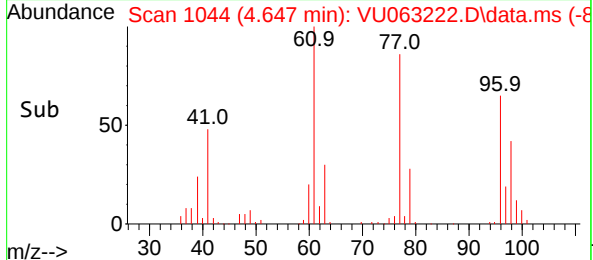
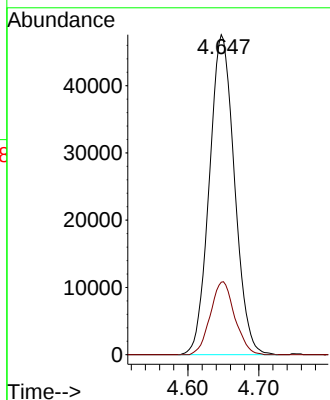
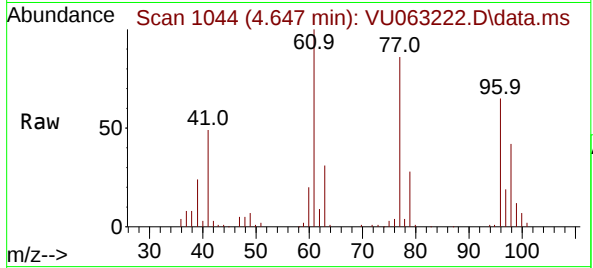
#21
2,2-Dichloropropane
Concen: 4.938 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 77 Resp: 11717
Ion Ratio Lower Upper
77 100
97 22.1 18.5 27.7

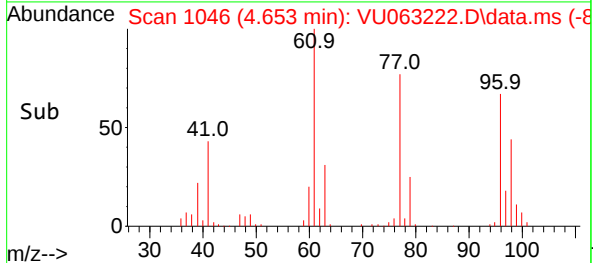
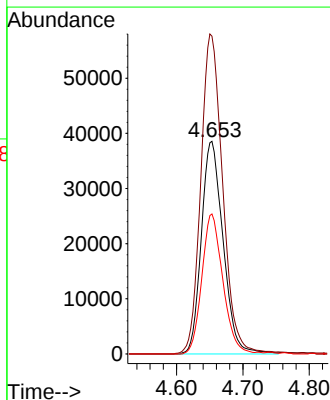
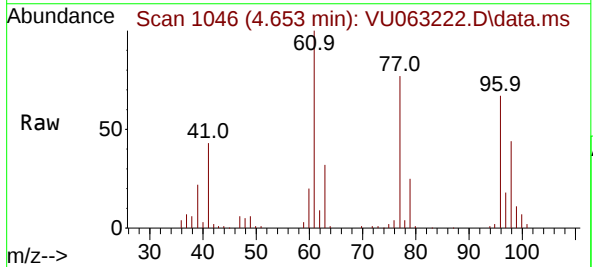
Manual Integrations
APPROVED

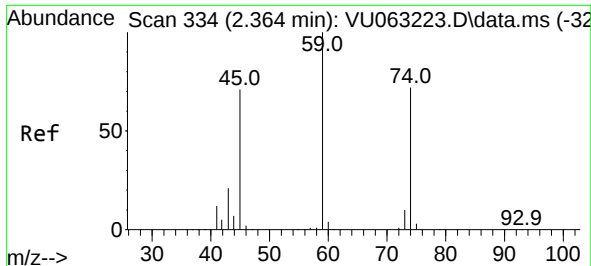
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#22
cis-1,2-Dichloroethene
Concen: 5.046 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

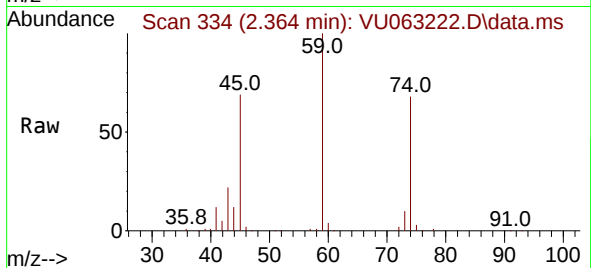
Tgt Ion: 96 Resp: 87987
Ion Ratio Lower Upper
96 100
61 152.1 0.0 373.3
98 63.4 31.9 95.9





#23
Diethyl Ether
Concen: 5.000 ug/l
RT: 2.364 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

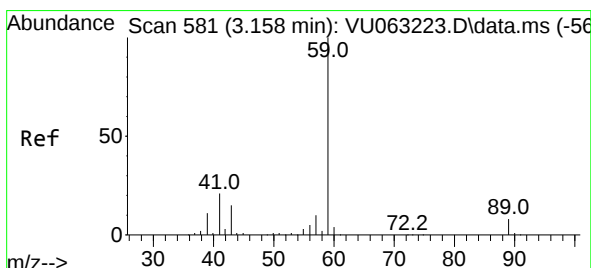
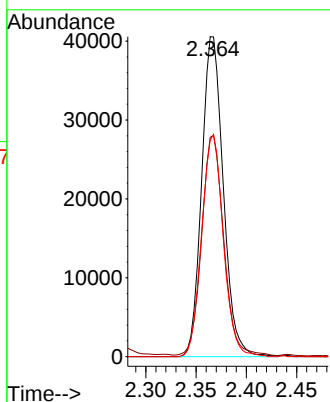
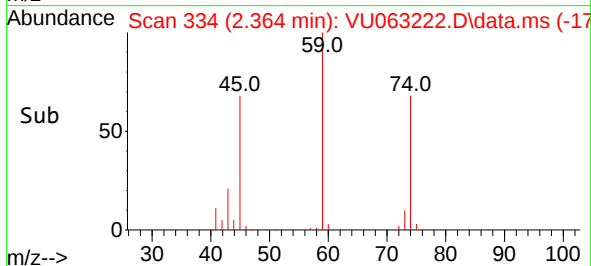
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



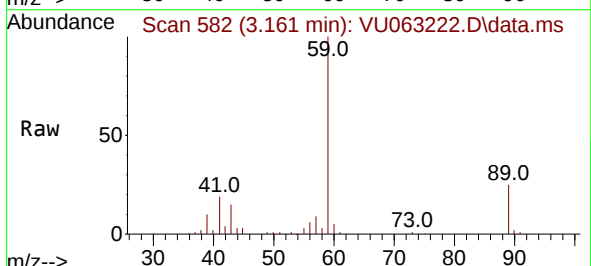
Tgt Ion: 59 Resp: 6065
Ion Ratio Lower Upper
59 100
45 69.8 57.8 86.6
74 69.7 57.7 86.5

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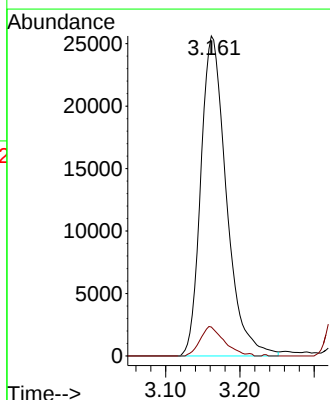
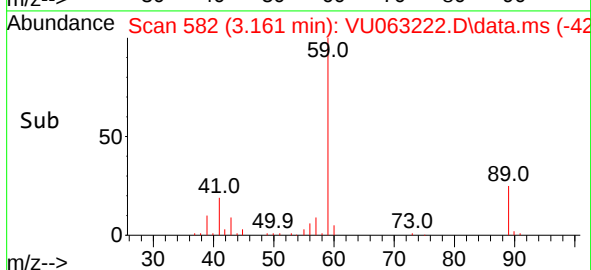
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

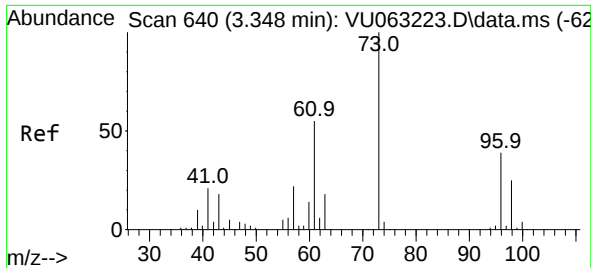


#24
tert-Butyl Alcohol
Concen: 45.943 ug/l
RT: 3.161 min Scan# 582
Delta R.T. 0.003 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23



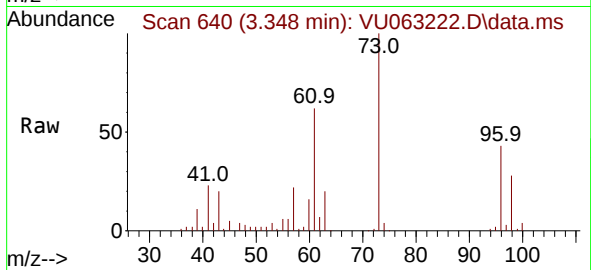
Tgt Ion: 59 Resp: 61281
Ion Ratio Lower Upper
59 100
57 8.6 7.5 11.3





#25
Methyl tert-Butyl Ether
Concen: 5.066 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

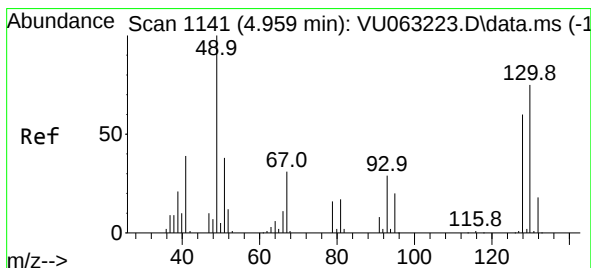
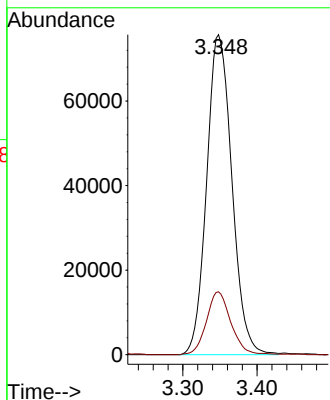
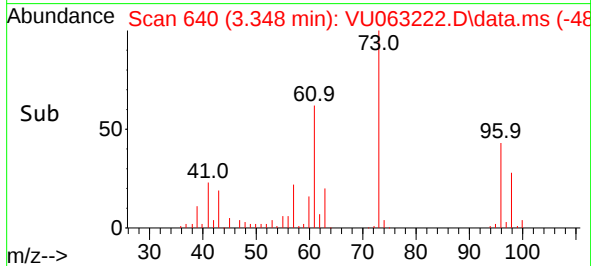
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 73 Resp: 178870
Ion Ratio Lower Upper
73 100
43 19.0 14.9 22.3

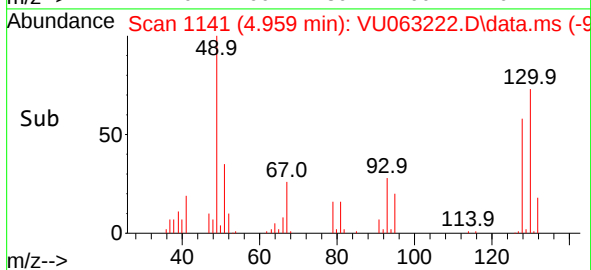
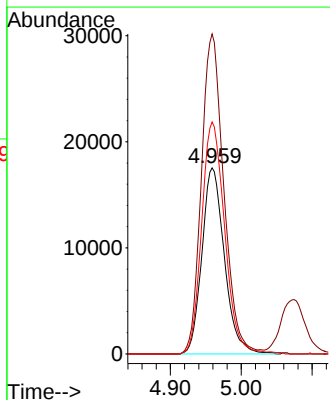
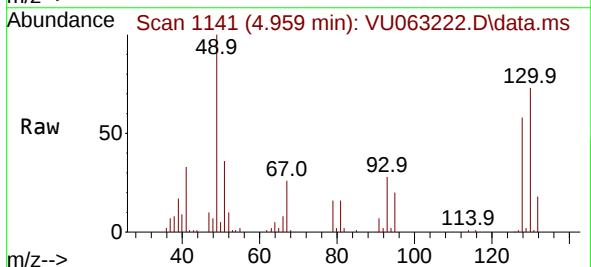
Manual Integrations
APPROVED

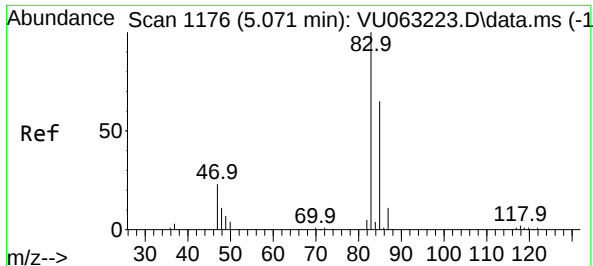
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#26
Bromochloromethane
Concen: 5.067 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion:128 Resp: 38617
Ion Ratio Lower Upper
128 100
49 171.4 0.0 343.4
130 127.4 102.9 154.3





#27

Chloroform

Concen: 5.050 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 15501

Ion Ratio Lower Upper

83 100

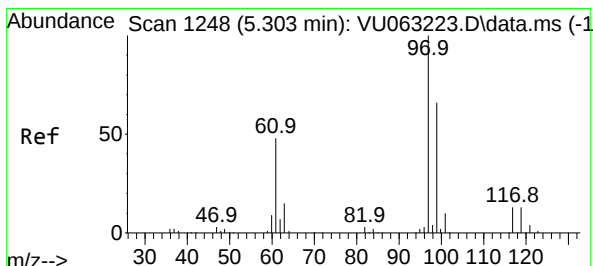
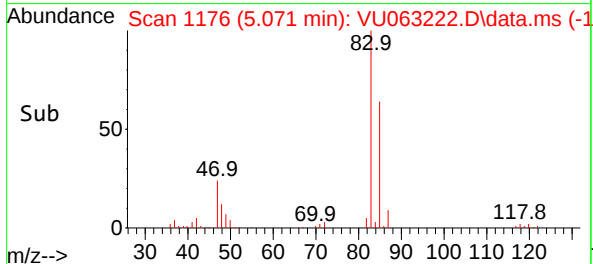
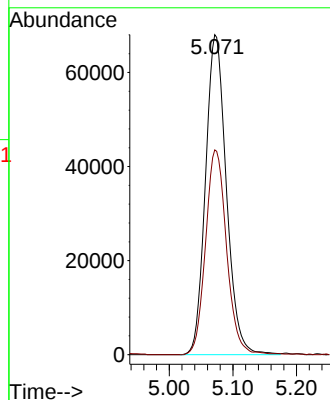
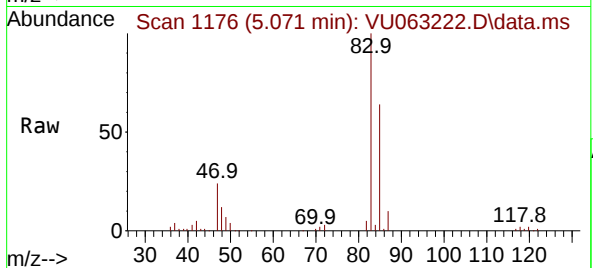
85 64.0 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#28

1,1,1-Trichloroethane

Concen: 5.144 ug/l

RT: 5.300 min Scan# 1247

Delta R.T. -0.003 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

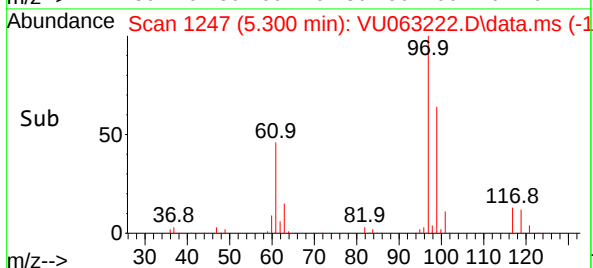
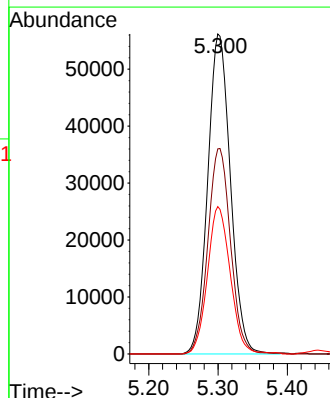
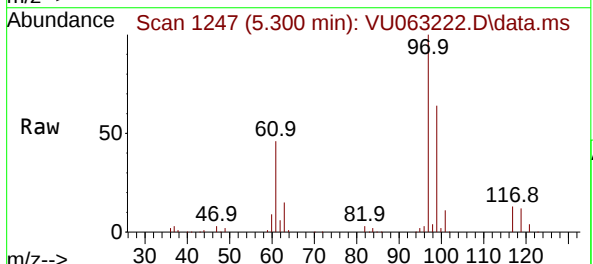
Tgt Ion: 97 Resp: 127899

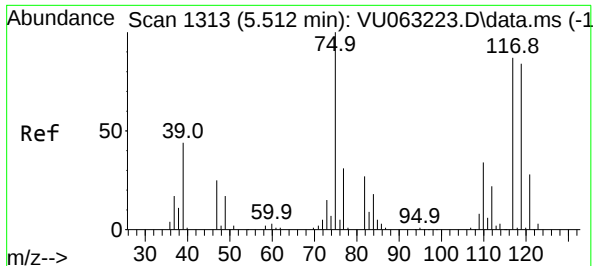
Ion Ratio Lower Upper

97 100

99 64.1 32.4 97.0

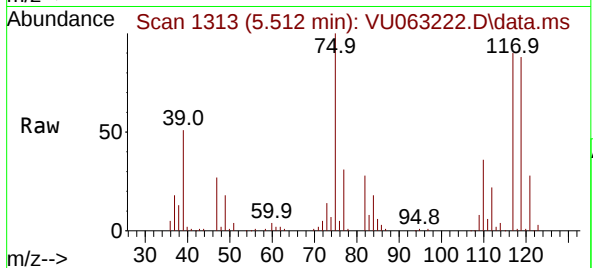
61 46.2 23.8 71.2





#29
1,1-Dichloropropene
Concen: 5.052 ug/l
RT: 5.512 min Scan# 112514
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

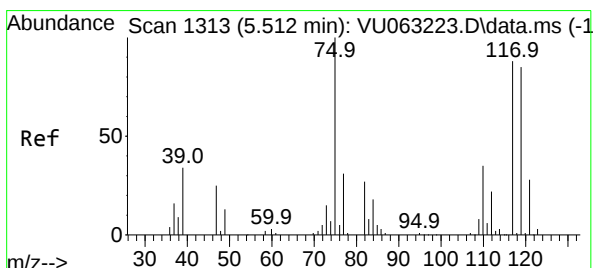
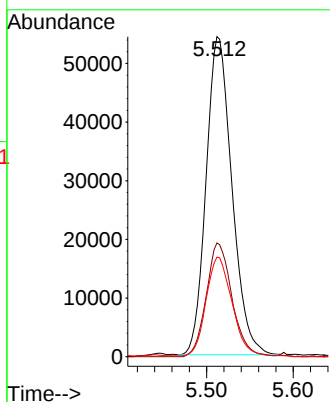
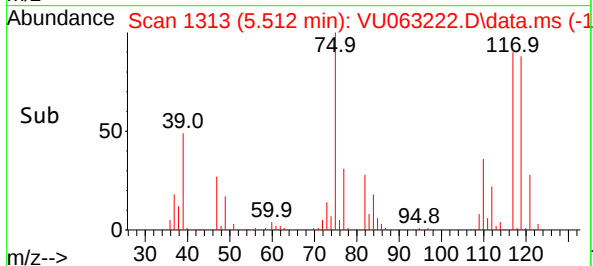
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



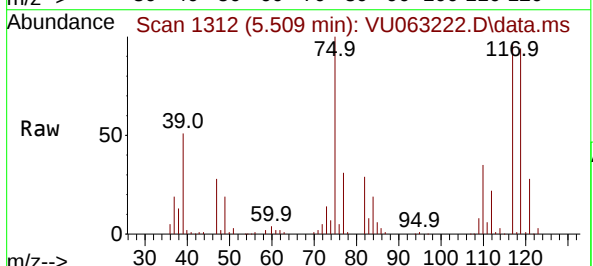
Tgt Ion: 75 Resp: 112514
Ion Ratio Lower Upper
75 100
110 35.5 17.2 51.5
77 30.9 24.6 37.0

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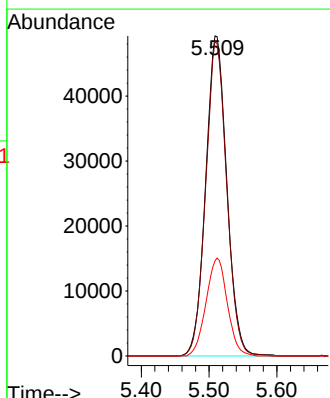
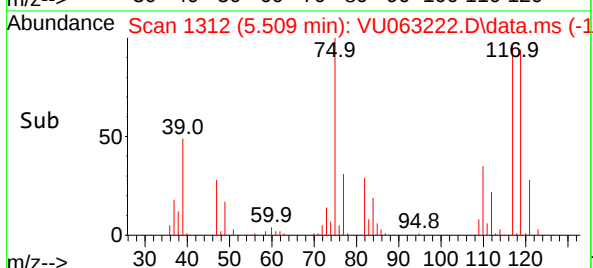
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

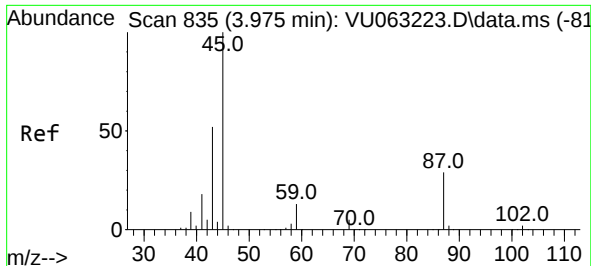


#30
Carbon Tetrachloride
Concen: 5.007 ug/l
RT: 5.509 min Scan# 1312
Delta R.T. -0.003 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23



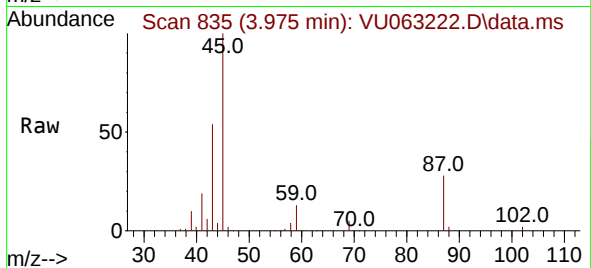
Tgt Ion:117 Resp: 106762
Ion Ratio Lower Upper
117 100
119 98.3 76.7 115.1
121 29.7 25.5 38.3





#31
Isopropyl Ether
Concen: 5.037 ug/l
RT: 3.975 min Scan# 835
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

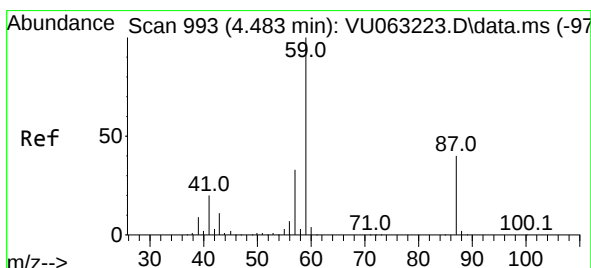
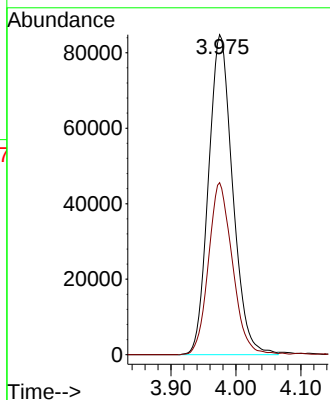
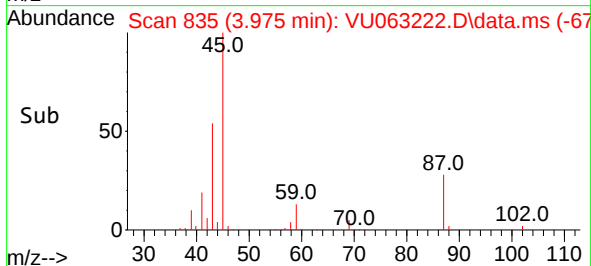
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



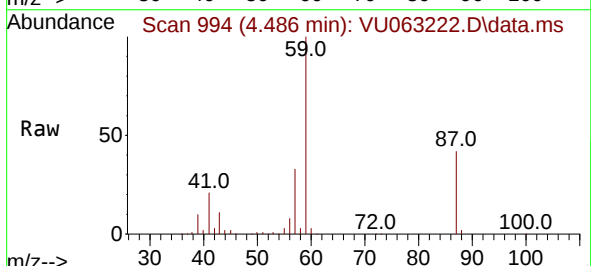
Tgt Ion: 45 Resp: 218715
Ion Ratio Lower Upper
45 100
43 53.4 25.7 77.1

Manual Integrations
APPROVED

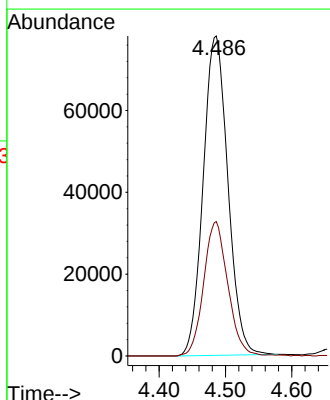
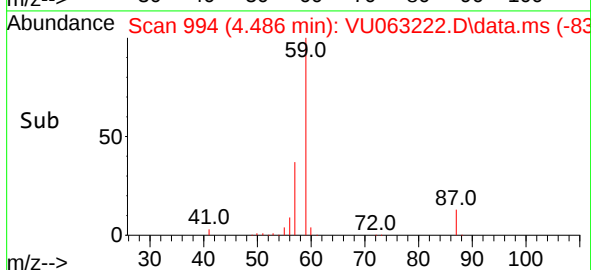
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

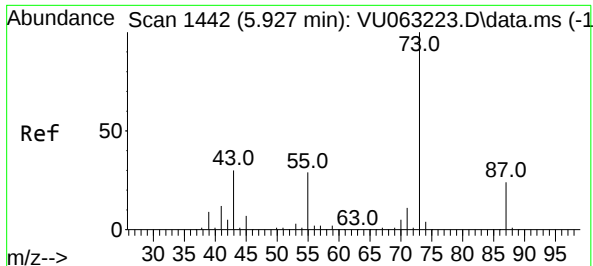


#32
Ethyl-t-butyl ether
Concen: 5.120 ug/l
RT: 4.486 min Scan# 994
Delta R.T. 0.003 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23



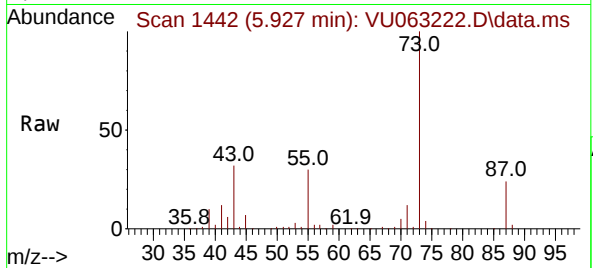
Tgt Ion: 59 Resp: 202182
Ion Ratio Lower Upper
59 100
87 40.5 32.6 49.0





#33
Tert-Amyl methyl ether
Concen: 5.144 ug/l
RT: 5.927 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

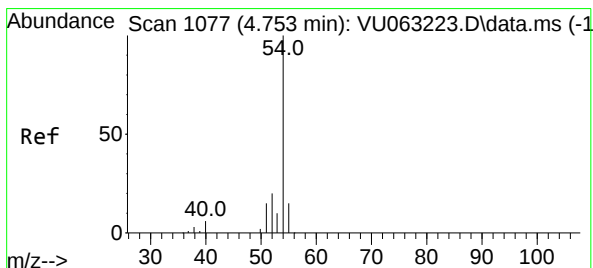
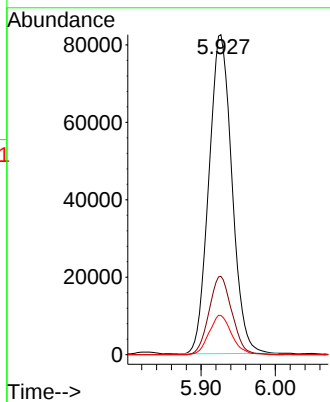
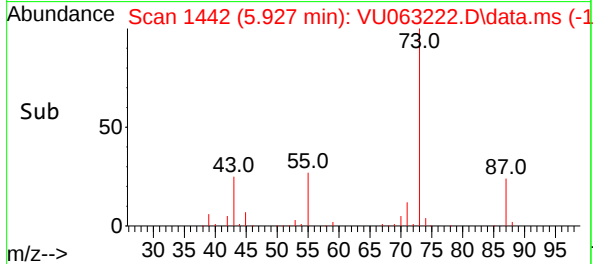
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 73 Resp: 17749
Ion Ratio Lower Upper
73 100
87 24.4 18.9 28.3
71 12.2 9.0 13.4

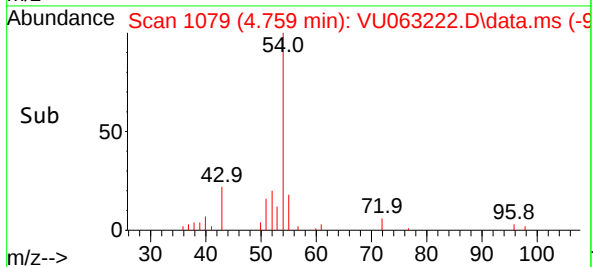
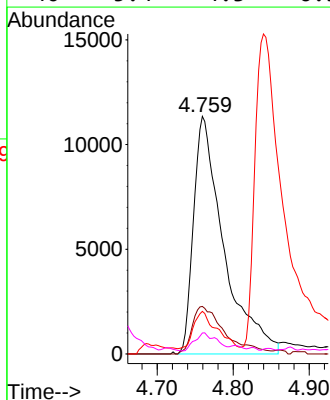
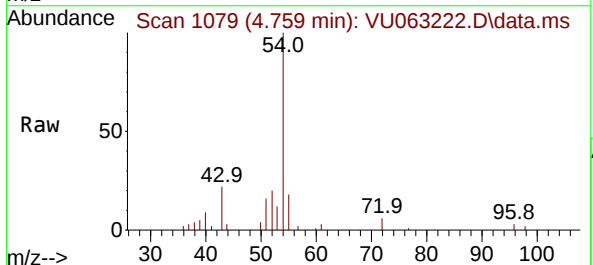
Manual Integrations
APPROVED

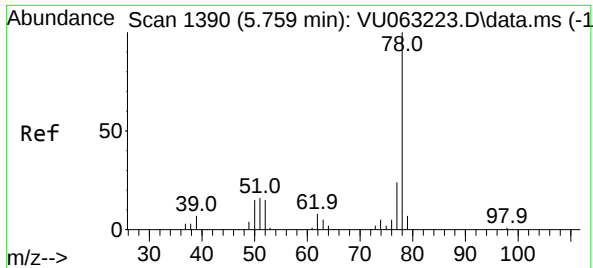
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#34
Propionitrile
Concen: 24.919 ug/l
RT: 4.759 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion: 54 Resp: 31294
Ion Ratio Lower Upper
54 100
52 21.5 16.3 24.5
55 11.9 11.8 17.6
40 5.4 4.3 6.5





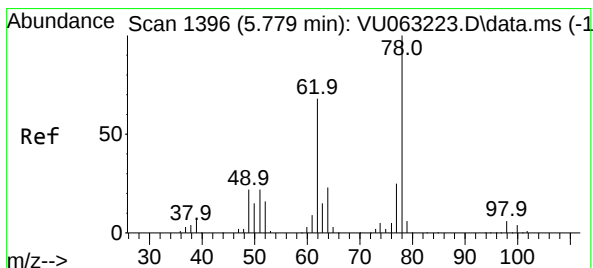
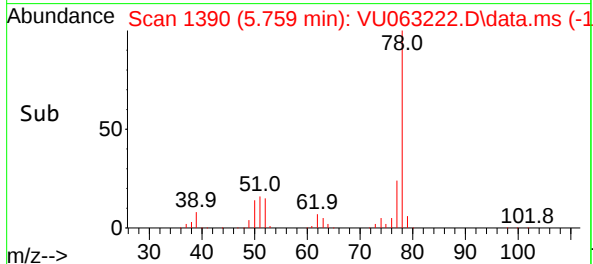
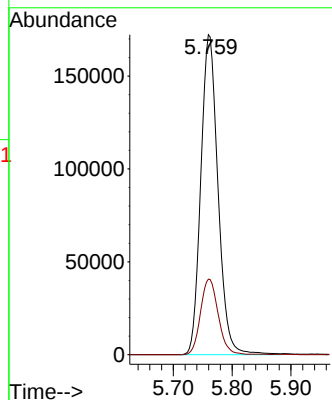
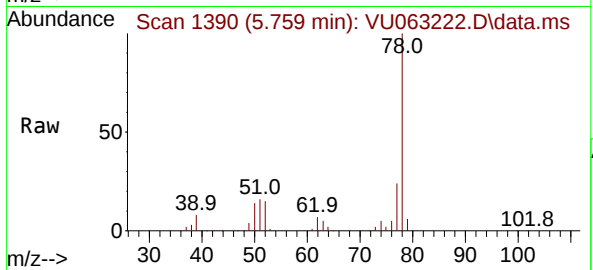
#35
Benzene
Concen: 5.111 ug/l
RT: 5.759 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 78 Resp: 34998
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4

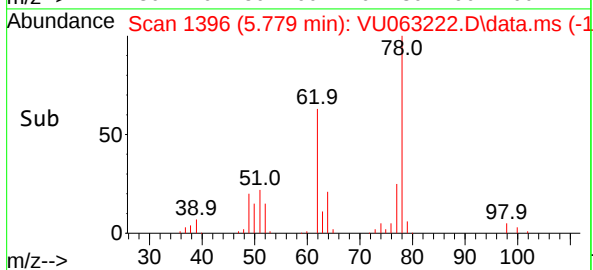
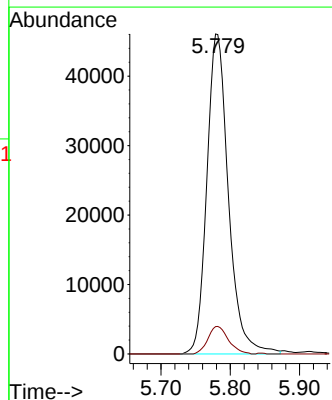
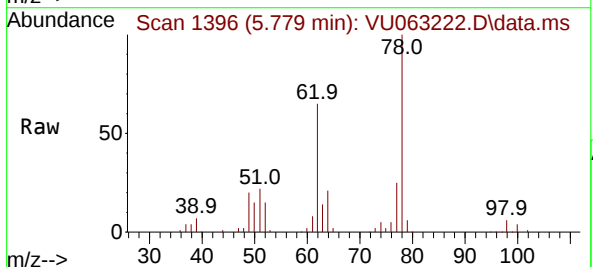
Manual Integrations
APPROVED

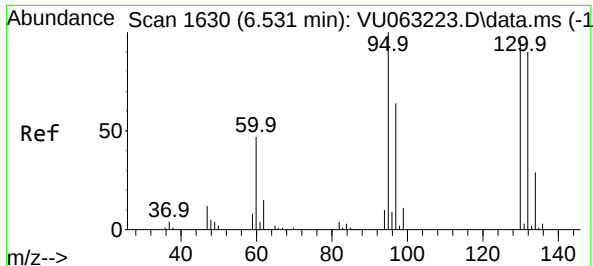
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#36
1,2-Dichloroethane
Concen: 5.037 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

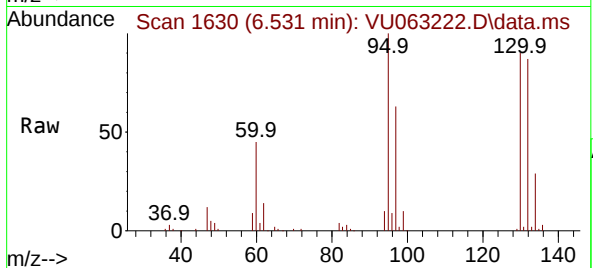
Tgt Ion: 62 Resp: 99553
Ion Ratio Lower Upper
62 100
98 8.2 6.9 10.3





#37
Trichloroethene
Concen: 4.962 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

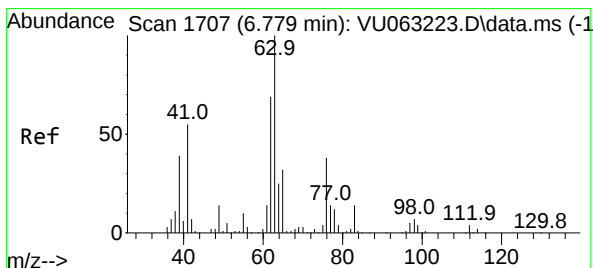
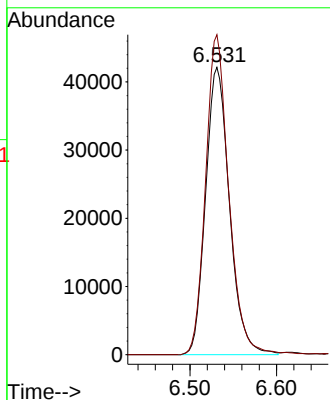
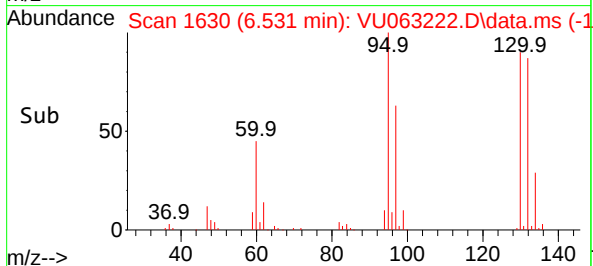
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



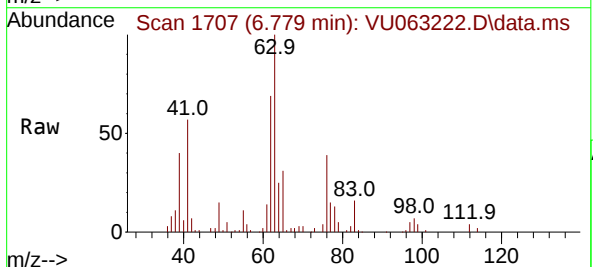
Tgt Ion:130 Resp: 80810
Ion Ratio Lower Upper
130 100
95 111.3 83.2 124.8

Manual Integrations
APPROVED

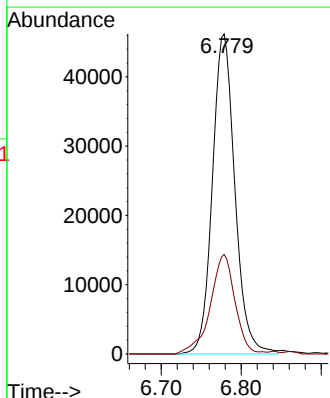
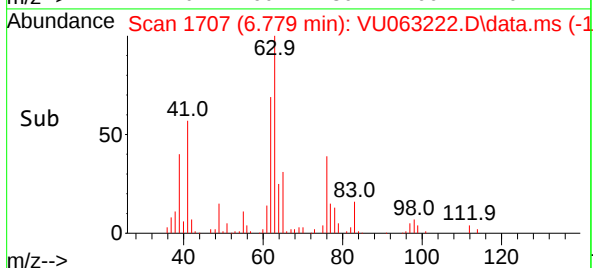
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

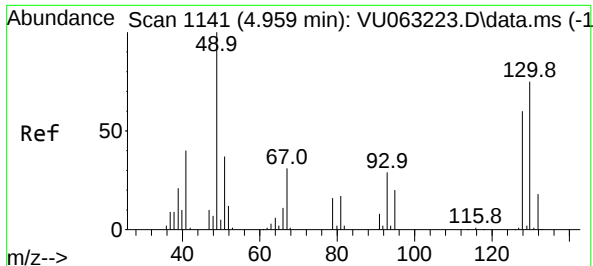


#38
1,2-Dichloropropane
Concen: 5.026 ug/l
RT: 6.779 min Scan# 1707
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23



Tgt Ion: 63 Resp: 90072
Ion Ratio Lower Upper
63 100
65 30.7 25.3 37.9





#39

Methacrylonitrile

Concen: 5.404 ug/l

RT: 4.962 min Scan# 1141

Delta R.T. 0.003 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 41 Resp: 2424

Ion Ratio Lower Upper

41 100

67 84.7 64.5 96.7

39 53.0 43.0 64.6

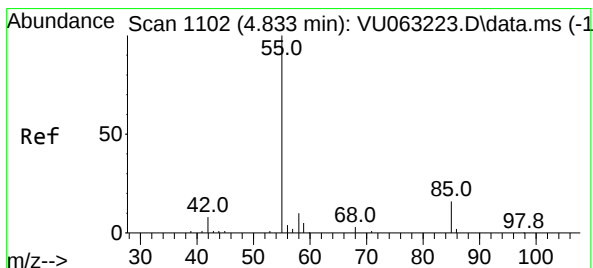
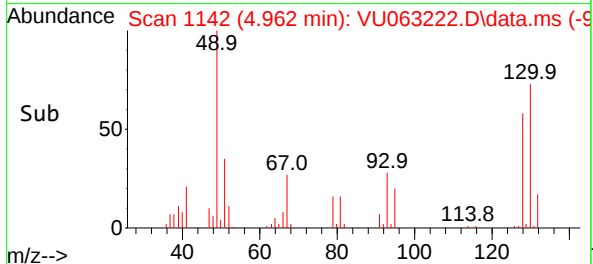
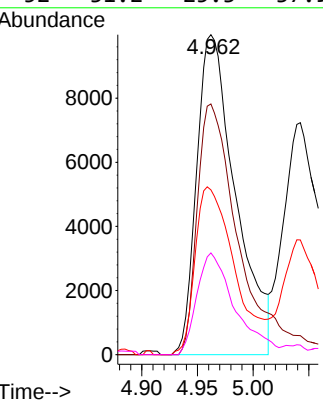
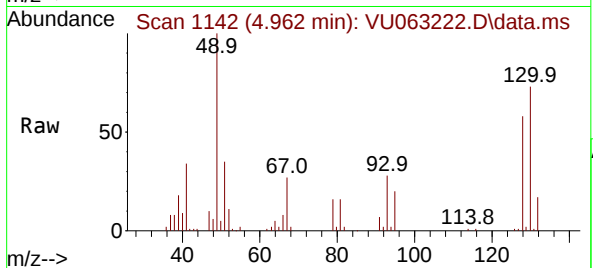
52 31.2 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#40

Methyl acrylate

Concen: 5.358 ug/l m

RT: 4.840 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Tgt Ion: 55 Resp: 43877

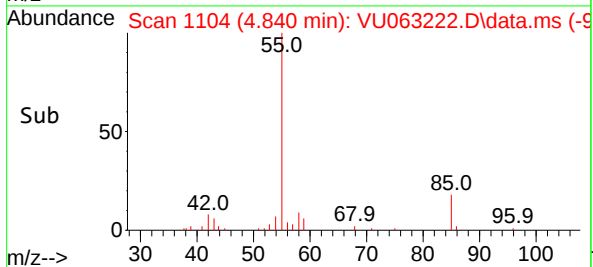
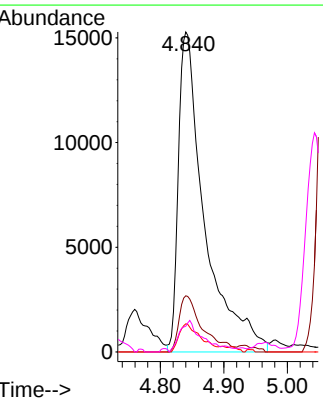
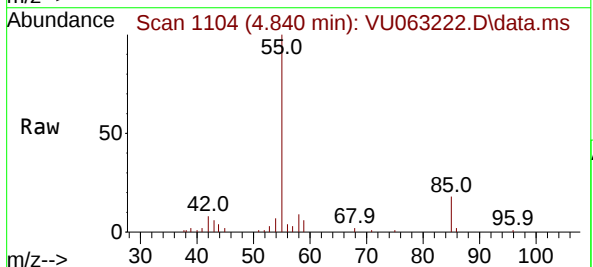
Ion Ratio Lower Upper

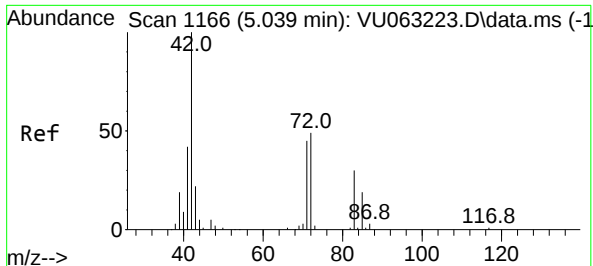
55 100

85 15.7 13.3 19.9

58 7.2 7.3 10.9#

42 8.0 6.9 10.3





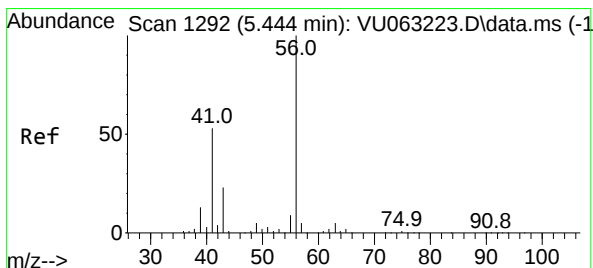
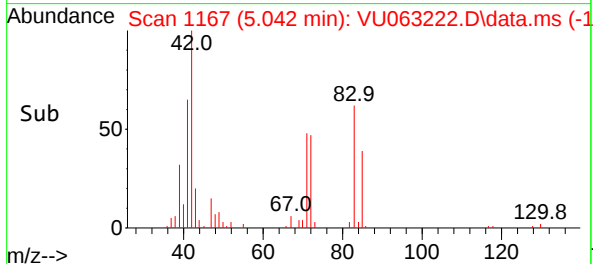
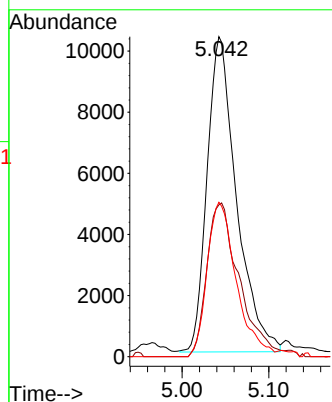
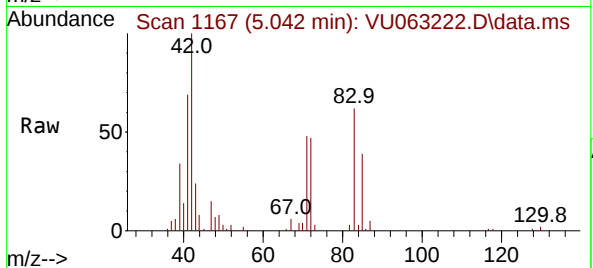
#41
Tetrahydrofuran
Concen: 9.229 ug/l
RT: 5.042 min Scan# 1166
Delta R.T. 0.003 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 42 Resp: 24329
Ion Ratio Lower Upper
42 100
72 53.6 41.5 62.3
71 48.7 37.2 55.8

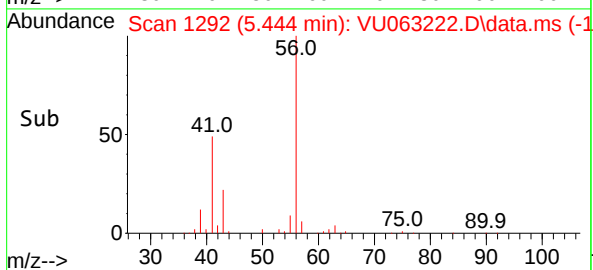
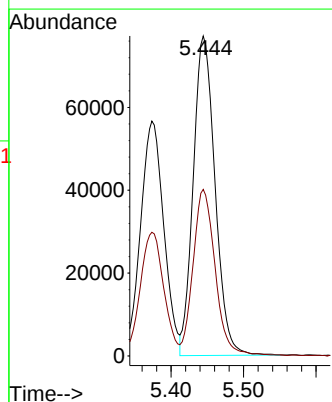
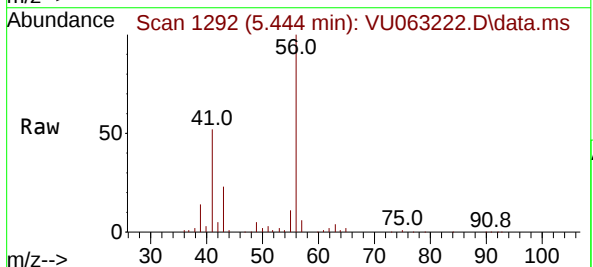
Manual Integrations
APPROVED

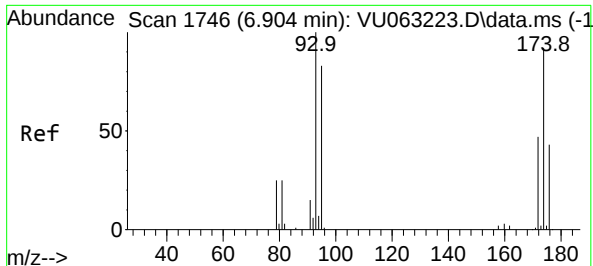
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#42
1-Chlorobutane
Concen: 5.283 ug/l
RT: 5.444 min Scan# 1292
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion: 56 Resp: 160975
Ion Ratio Lower Upper
56 100
41 51.3 26.3 78.8





#43

Dibromomethane

Concen: 5.031 ug/l

RT: 6.907 min Scan# 1747

Delta R.T. 0.003 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 93 Resp: 4565

Ion Ratio Lower Upper

93 100

95 81.3 67.2 100.8

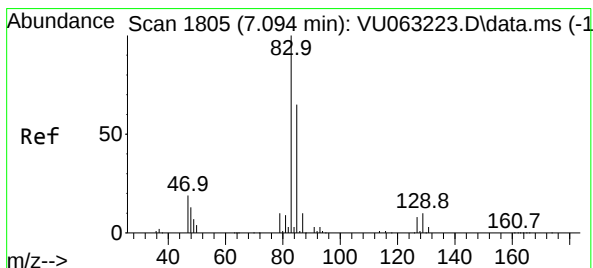
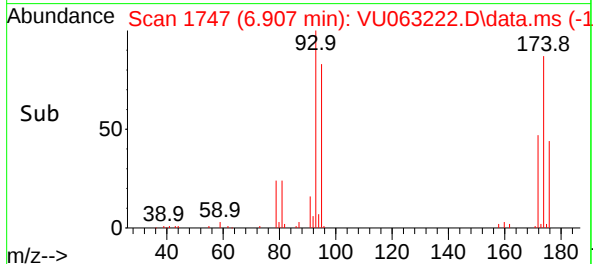
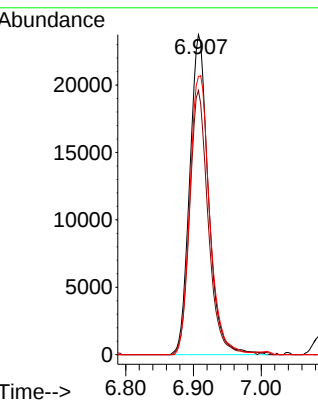
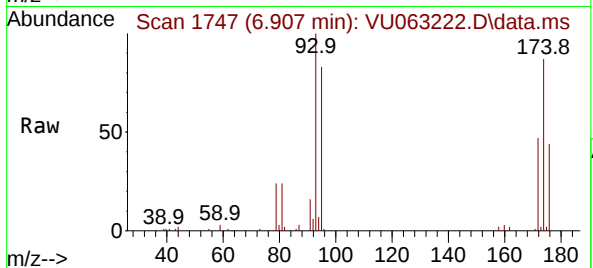
174 92.0 75.7 113.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#44

Bromodichloromethane

Concen: 5.189 ug/l

RT: 7.094 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

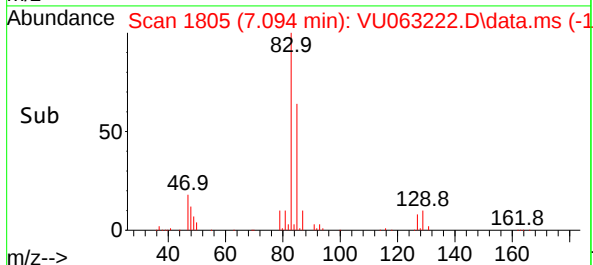
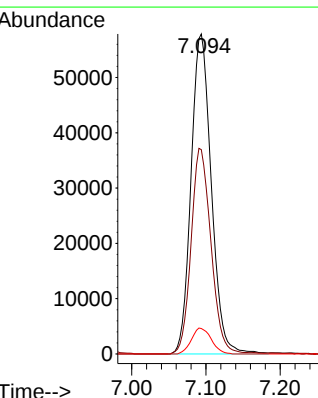
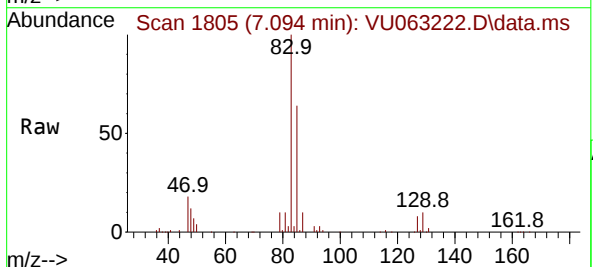
Tgt Ion: 83 Resp: 109612

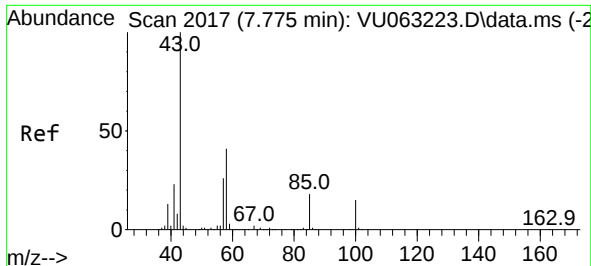
Ion Ratio Lower Upper

83 100

85 63.9 51.7 77.5

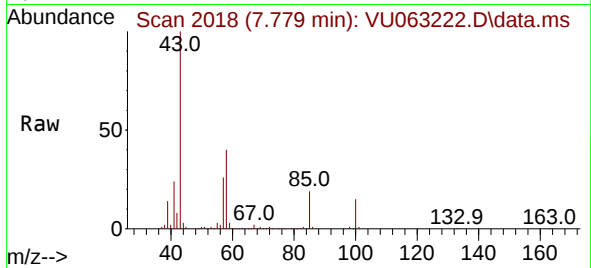
127 8.0 6.7 10.1





#45
4-Methyl-2-Pentanone
Concen: 25.799 ug/l
RT: 7.779 min Scan# 2017
Delta R.T. 0.003 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

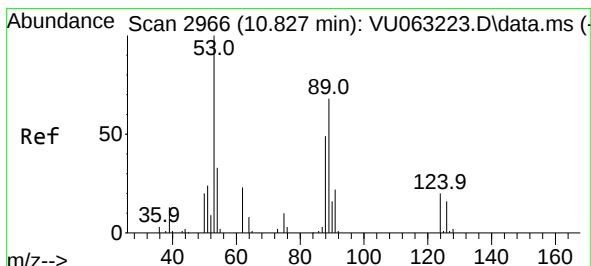
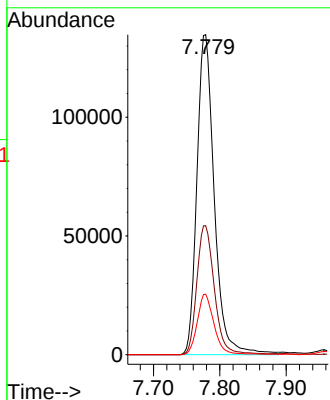
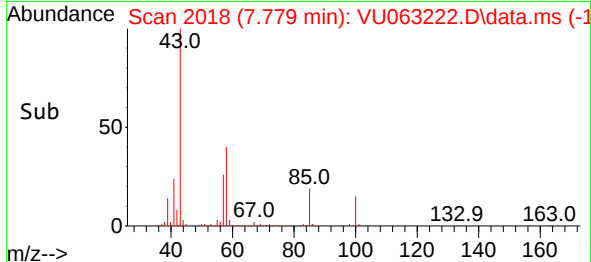
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 245460
Ion Ratio Lower Upper
43 100
58 40.8 20.8 62.5
85 18.0 14.8 22.2

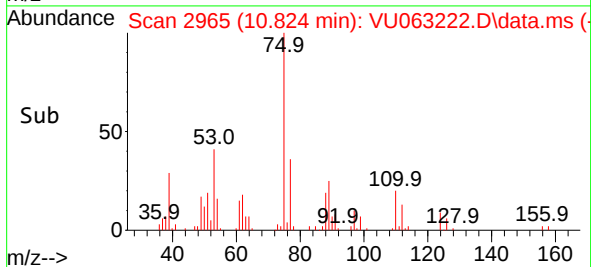
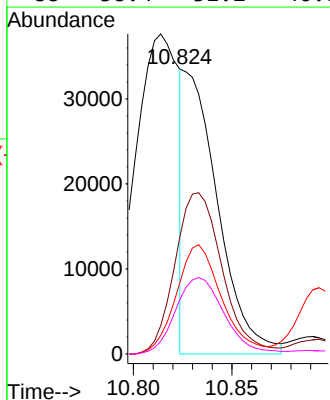
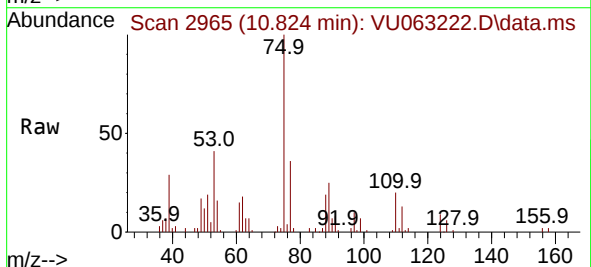
Manual Integrations
APPROVED

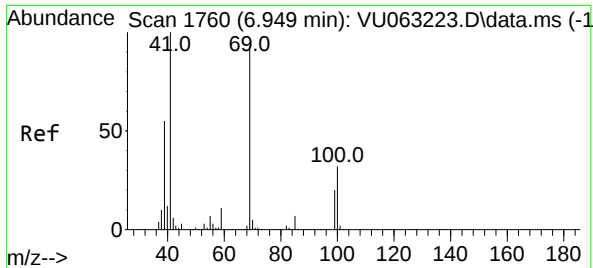
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#46
t-1,4-Dichloro-2-butene
Concen: 8.544 ug/l m
RT: 10.824 min Scan# 2965
Delta R.T. -0.003 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

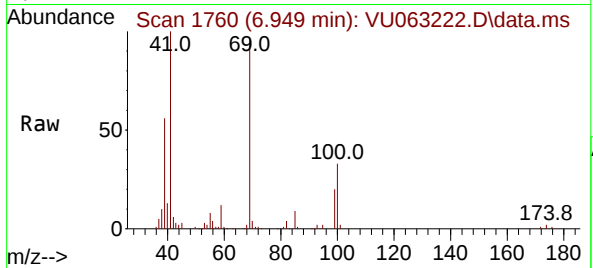
Tgt Ion: 75 Resp: 40225
Ion Ratio Lower Upper
75 100
53 79.1 64.5 96.7
89 51.4 43.4 65.2
88 38.4 31.2 46.8





#47
Methyl methacrylate
Concen: 10.822 ug/l
RT: 6.949 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

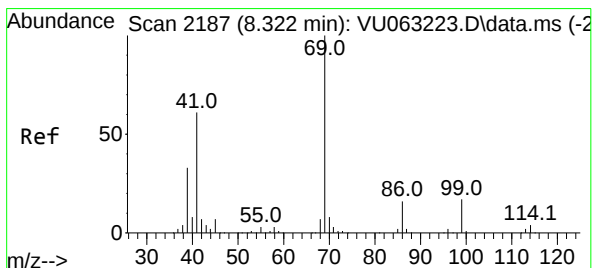
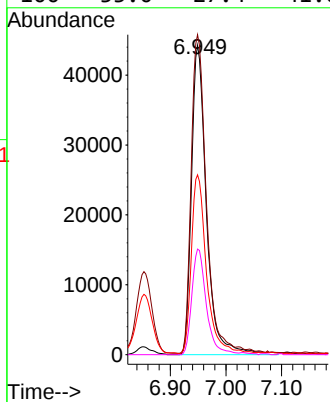
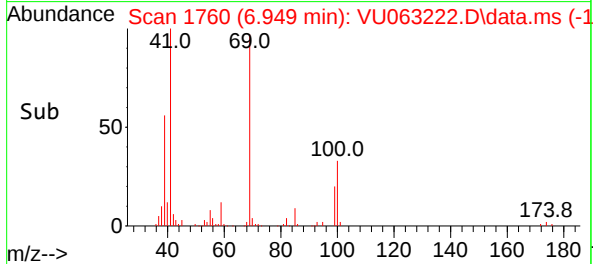
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 69 Resp: 82725
Ion Ratio Lower Upper
69 100
41 103.9 0.0 217.0
39 58.1 47.7 71.5
100 33.0 27.4 41.0

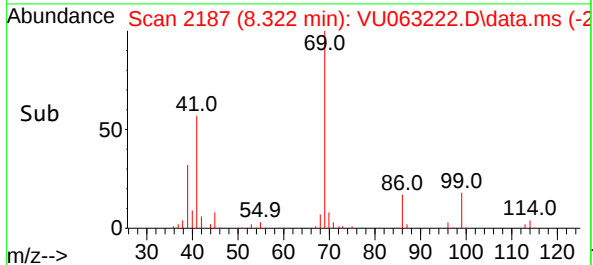
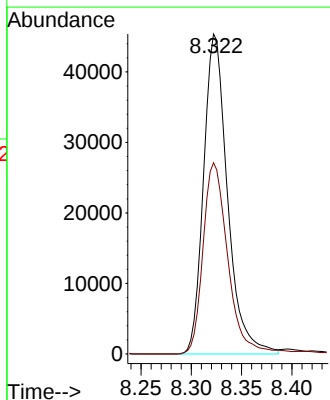
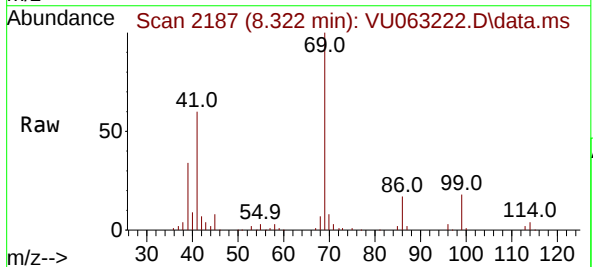
Manual Integrations
APPROVED

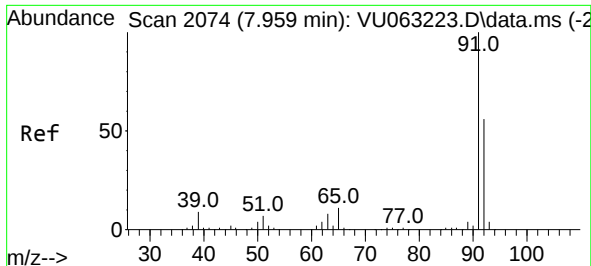
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#48
Ethyl methacrylate
Concen: 5.238 ug/l
RT: 8.322 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

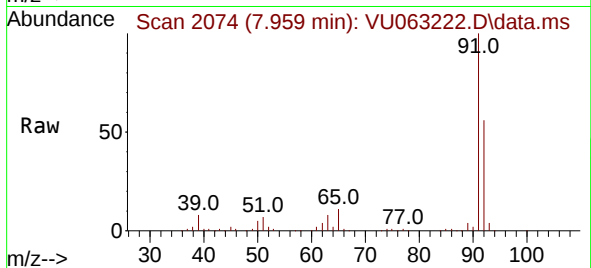
Tgt Ion: 69 Resp: 75186
Ion Ratio Lower Upper
69 100
41 62.0 30.6 92.0





#49
Toluene
Concen: 5.270 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

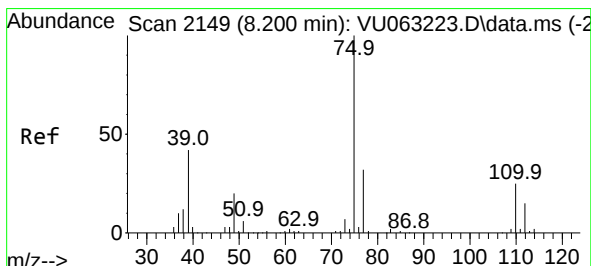
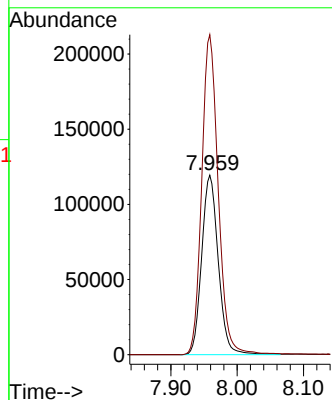
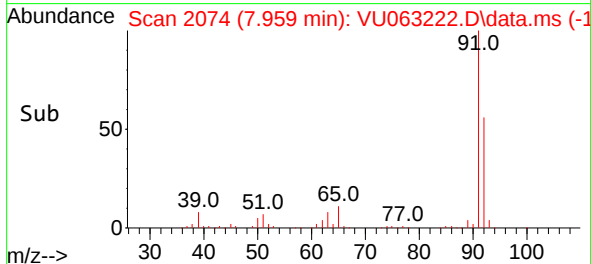
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



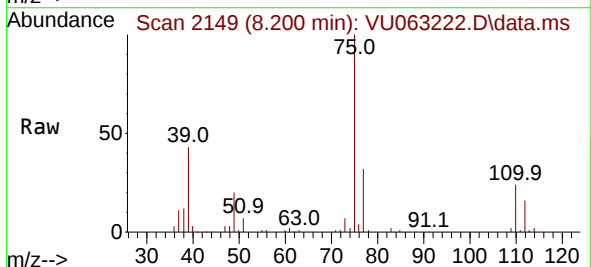
Tgt Ion: 92 Resp: 20754
Ion Ratio Lower Upper
92 100
91 177.1 141.8 212.6

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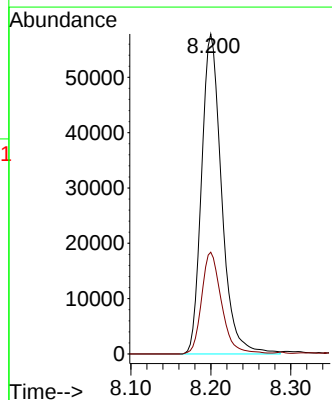
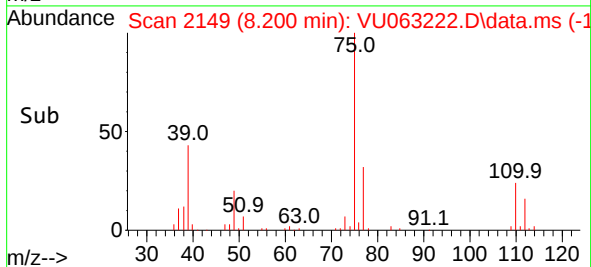
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

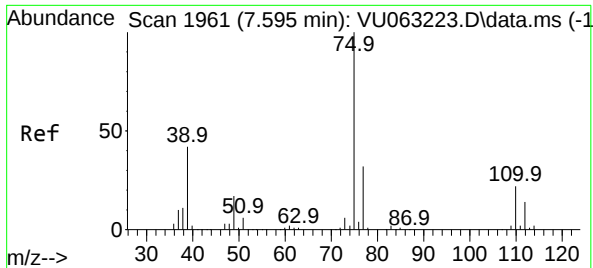


#50
t-1,3-Dichloropropene
Concen: 5.221 ug/l
RT: 8.200 min Scan# 2149
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23



Tgt Ion: 75 Resp: 100975
Ion Ratio Lower Upper
75 100
77 31.8 25.9 38.9





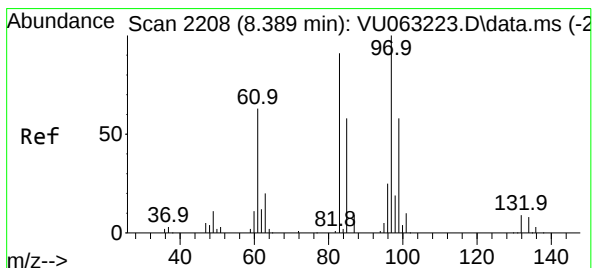
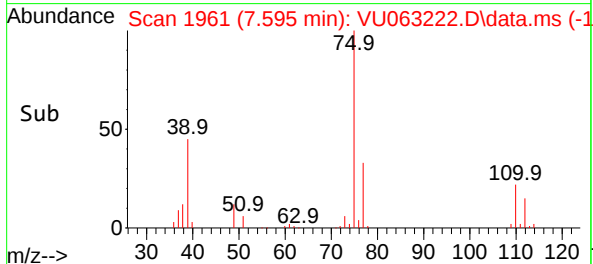
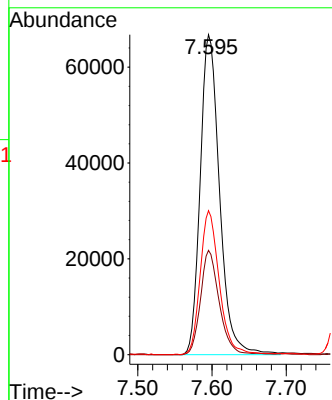
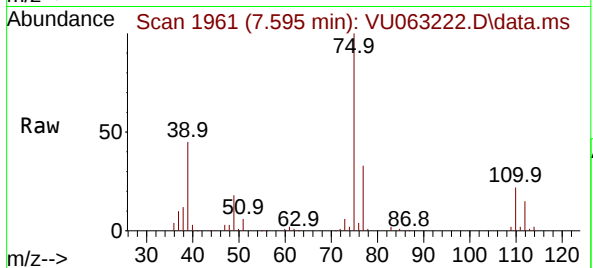
#51
 cis-1,3-Dichloropropene
 Concen: 5.070 ug/l
 RT: 7.595 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VU063222.D
 Acq: 10 Feb 2025 14:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 75 Resp: 12110
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.3 37.9
 39 45.0 33.5 50.3

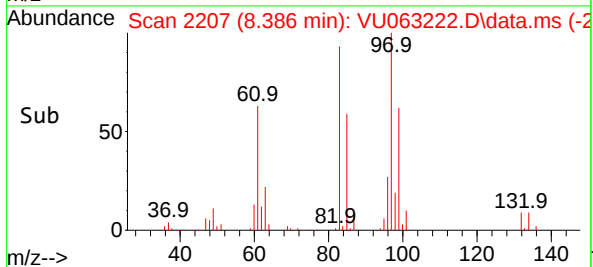
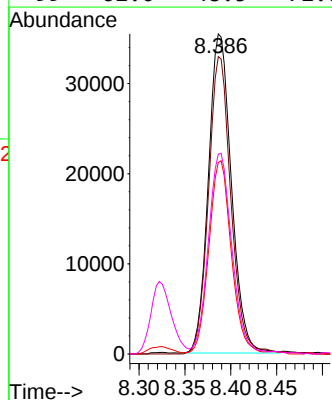
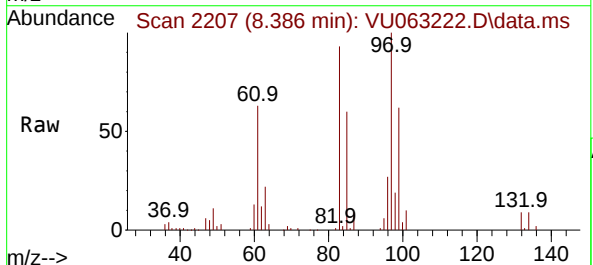
Manual Integrations
 APPROVED

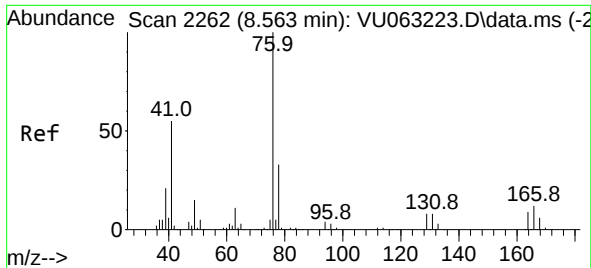
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#52
 1,1,2-Trichloroethane
 Concen: 5.042 ug/l
 RT: 8.386 min Scan# 2207
 Delta R.T. -0.003 min
 Lab File: VU063222.D
 Acq: 10 Feb 2025 14:23

Tgt Ion: 97 Resp: 61701
 Ion Ratio Lower Upper
 97 100
 83 93.2 73.0 109.4
 85 59.6 46.3 69.5
 99 62.0 48.5 72.7





#53

1,3-Dichloropropane

Concen: 5.136 ug/l

RT: 8.563 min Scan# 21156

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 11156

Ion Ratio Lower Upper

76 100

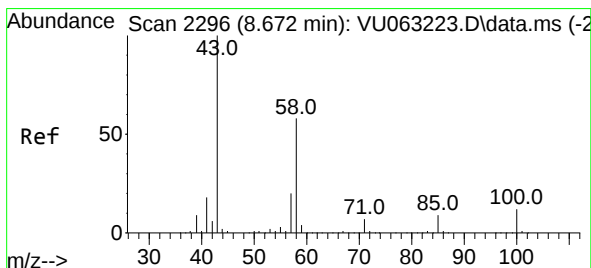
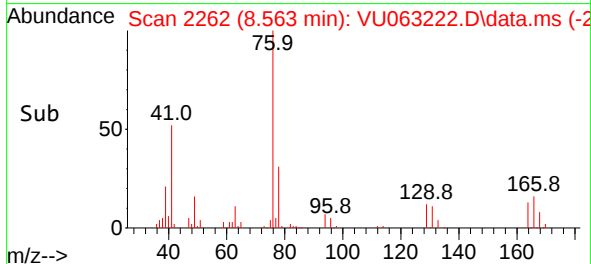
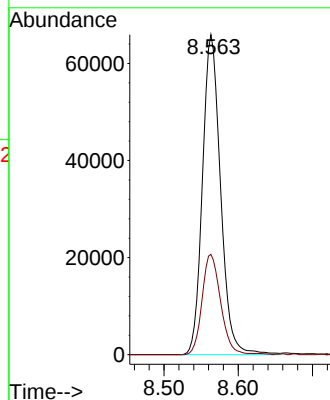
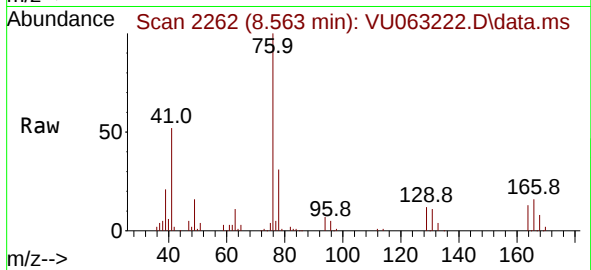
78 32.3 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#54

2-Hexanone

Concen: 25.235 ug/l

RT: 8.672 min Scan# 2296

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

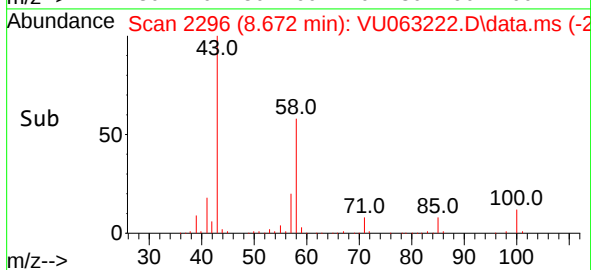
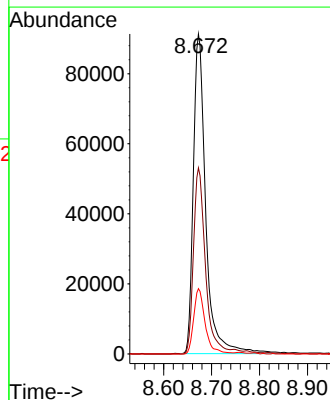
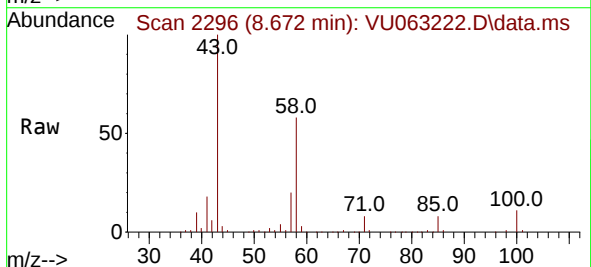
Tgt Ion: 43 Resp: 163849

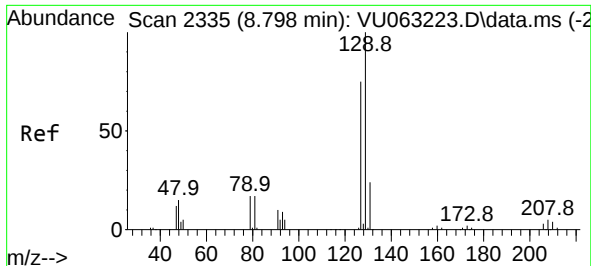
Ion Ratio Lower Upper

43 100

58 55.7 38.0 78.0

57 18.9 0.0 39.1





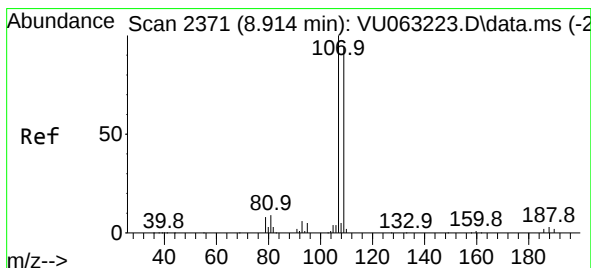
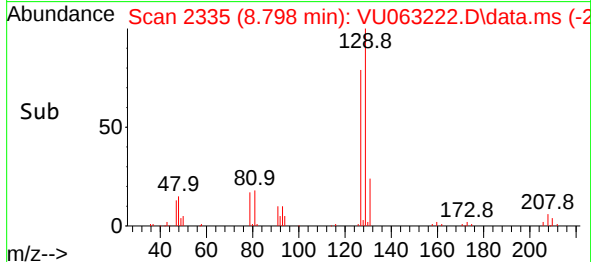
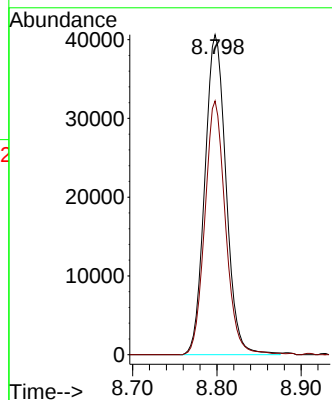
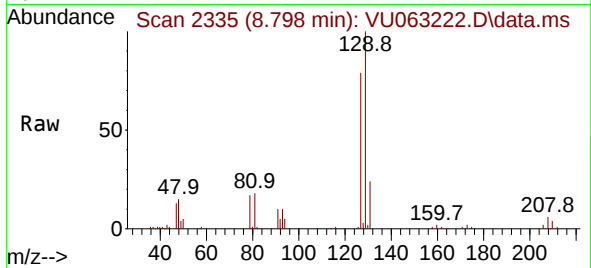
#55
Dibromochloromethane
Concen: 5.061 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 71240
Ion Ratio Lower Upper
129 100
127 77.1 60.4 90.6

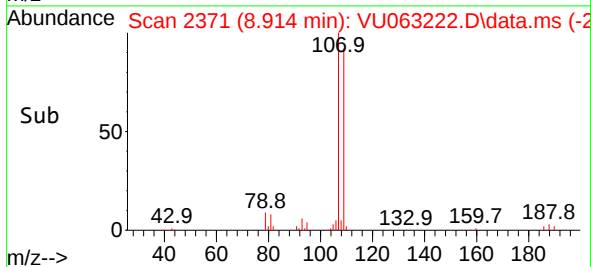
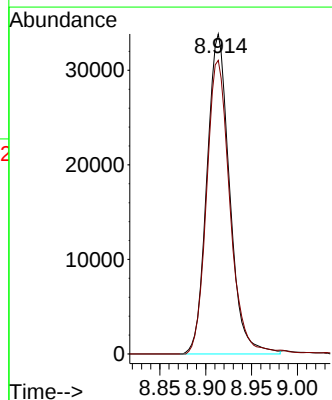
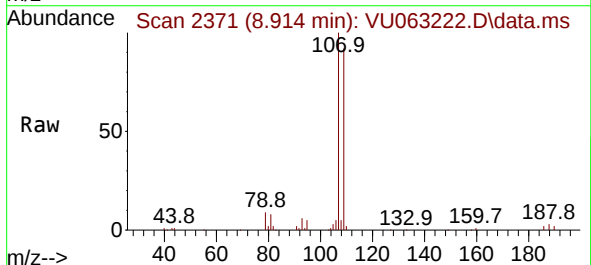
Manual Integrations
APPROVED

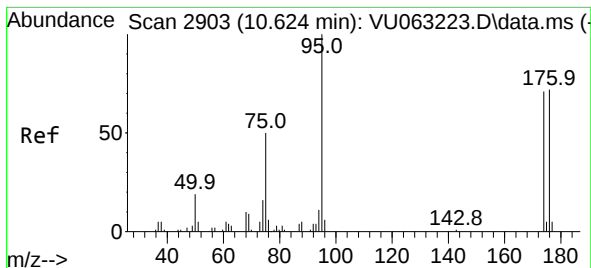
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#56
1,2-Dibromoethane
Concen: 5.079 ug/l
RT: 8.914 min Scan# 2371
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

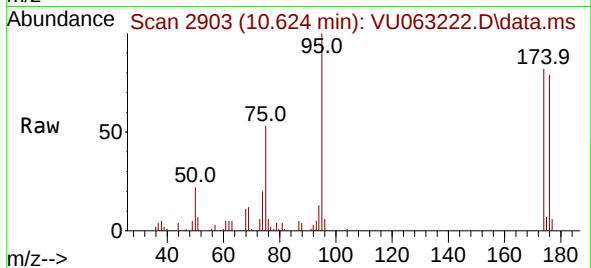
Tgt Ion:107 Resp: 58284
Ion Ratio Lower Upper
107 100
109 94.6 0.0 187.8





#57
4-Bromofluorobenzene
Concen: 0.974 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

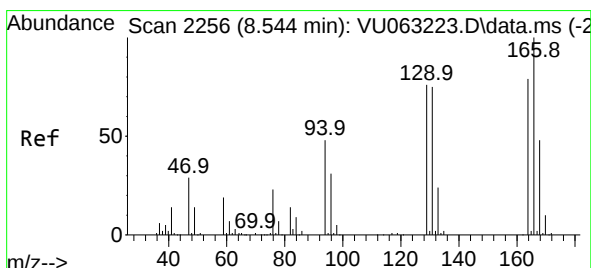
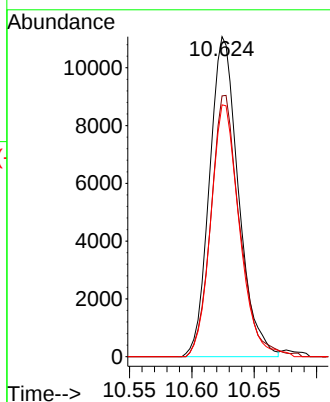
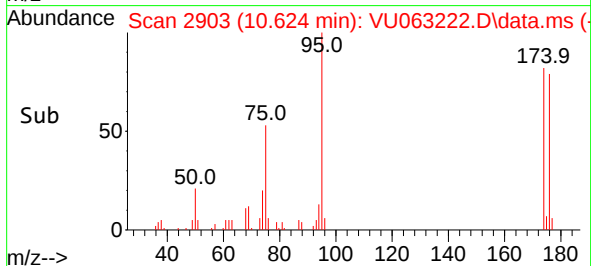
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 95 Resp: 1791
Ion Ratio Lower Upper
95 100
174 81.3 58.6 88.0
176 78.3 58.2 87.4

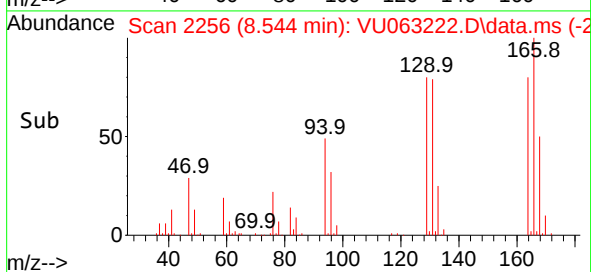
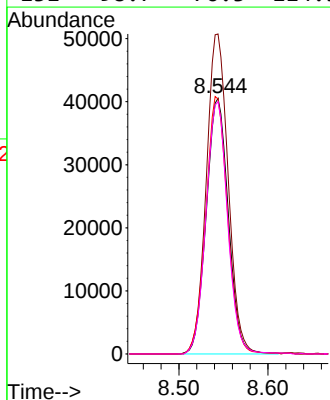
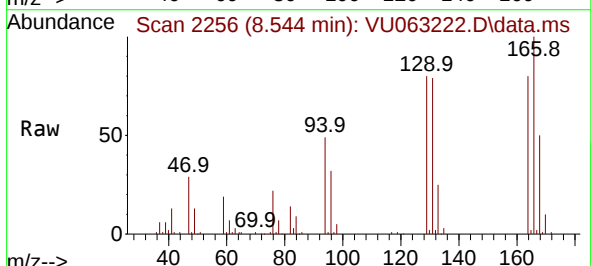
Manual Integrations
APPROVED

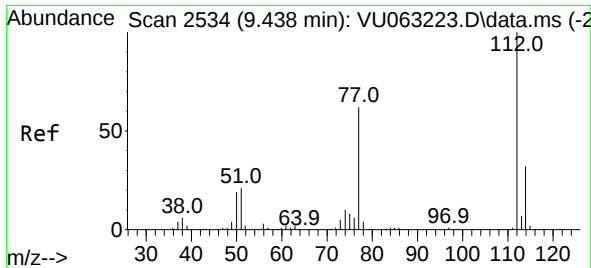
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#58
Tetrachloroethene
Concen: 5.194 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion:164 Resp: 69703
Ion Ratio Lower Upper
164 100
166 125.2 101.4 152.0
129 99.7 77.0 115.4
131 98.7 76.3 114.5





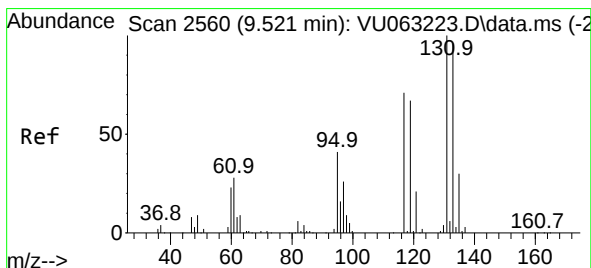
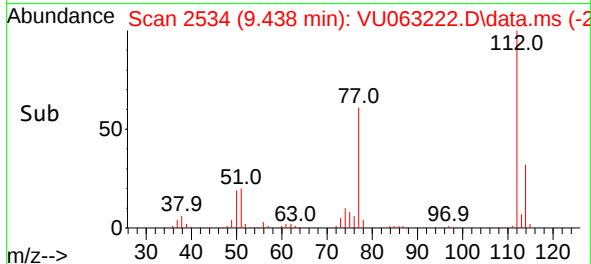
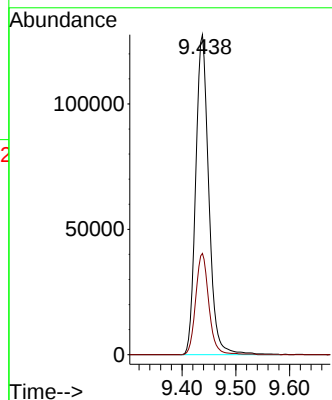
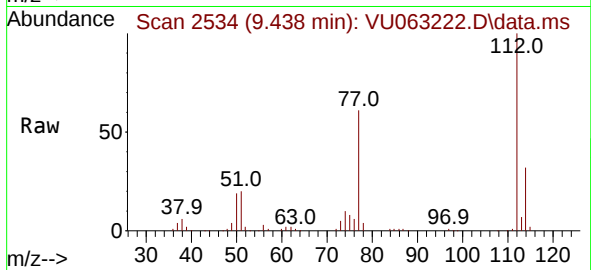
#59
Chlorobenzene
Concen: 5.198 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Instrument : MSVOA_U
ClientSampleId : VSTDIC005

Tgt Ion:112 Resp: 215989
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

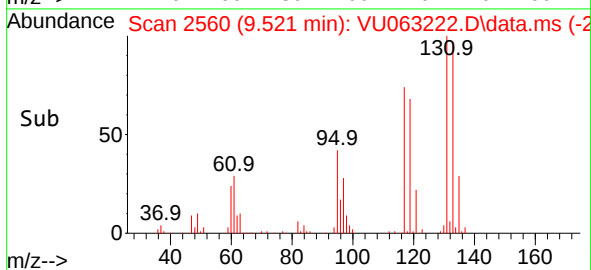
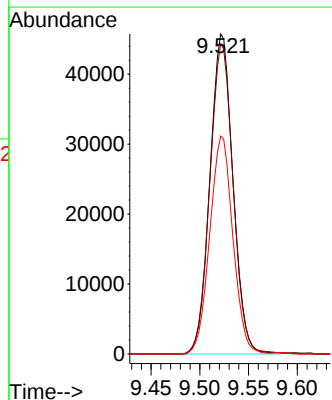
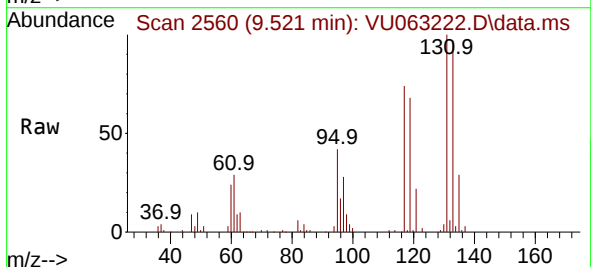
Manual Integrations
APPROVED

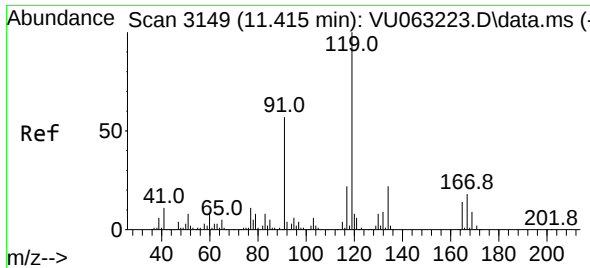
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 5.018 ug/l
RT: 9.521 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion:131 Resp: 74952
Ion Ratio Lower Upper
131 100
133 98.9 76.7 115.1
119 68.6 54.4 81.6





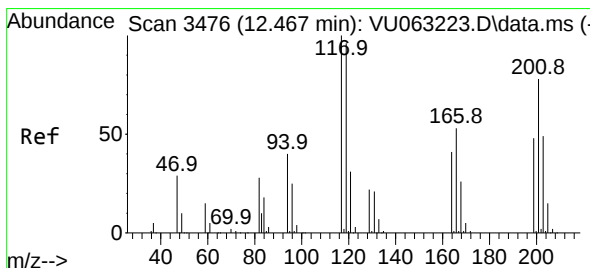
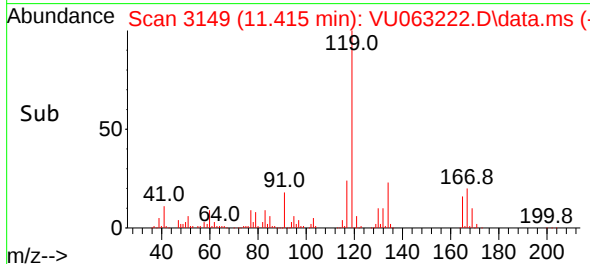
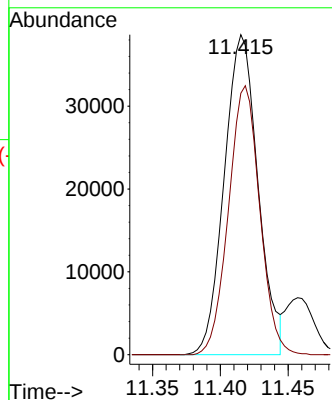
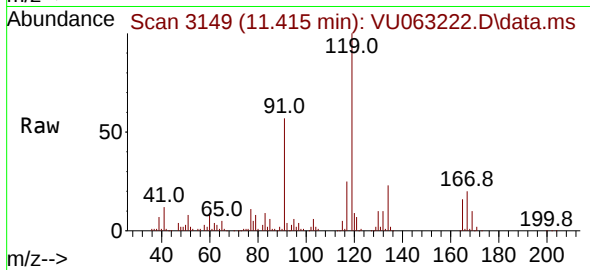
#61
Pentachloroethane
Concen: 5.016 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 66930
Ion Ratio Lower Upper
117 100
167 77.9 65.0 97.6

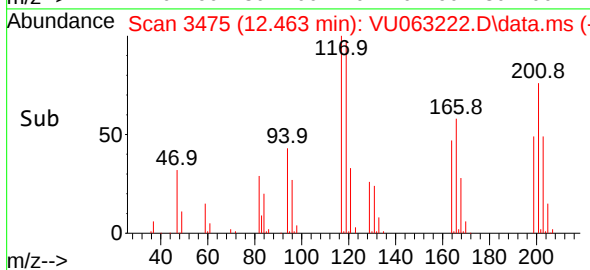
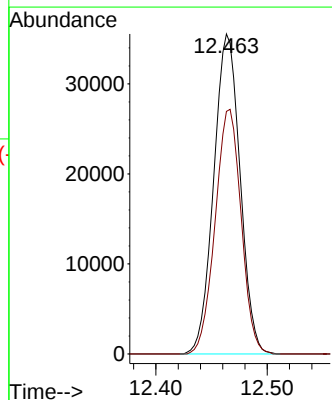
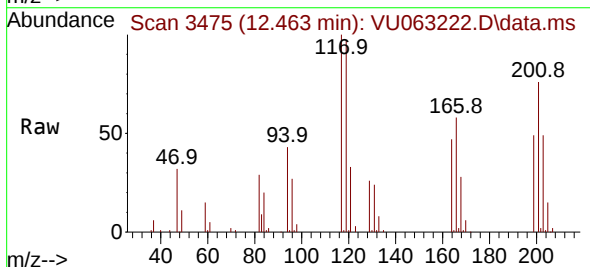
Manual Integrations
APPROVED

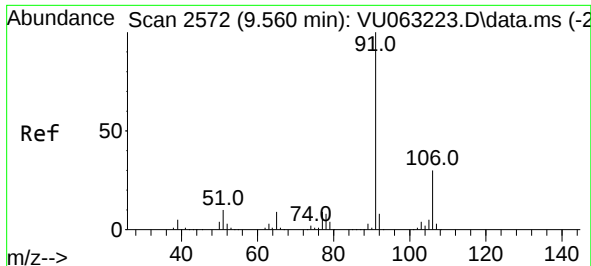
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#62
Hexachloroethane
Concen: 4.947 ug/l
RT: 12.463 min Scan# 3475
Delta R.T. -0.003 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion:117 Resp: 58399
Ion Ratio Lower Upper
117 100
201 75.3 61.3 91.9





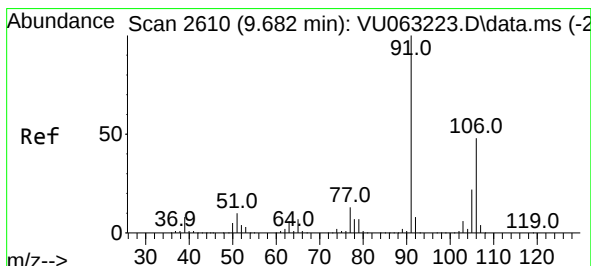
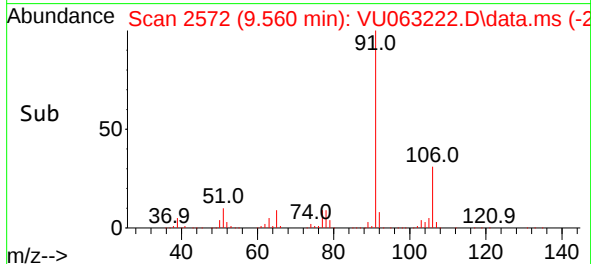
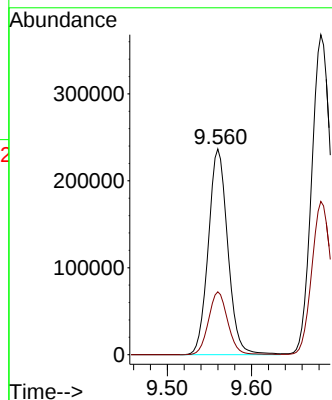
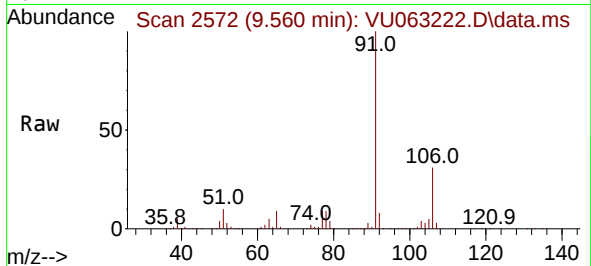
#63
Ethyl Benzene
Concen: 5.301 ug/l
RT: 9.560 min Scan# 2572
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 37992
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.2

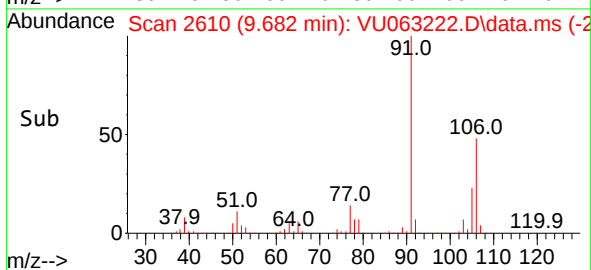
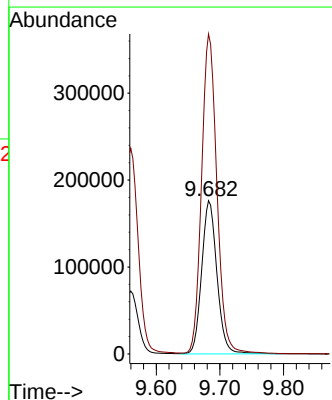
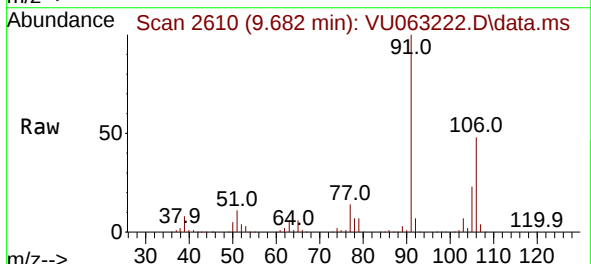
Manual Integrations
APPROVED

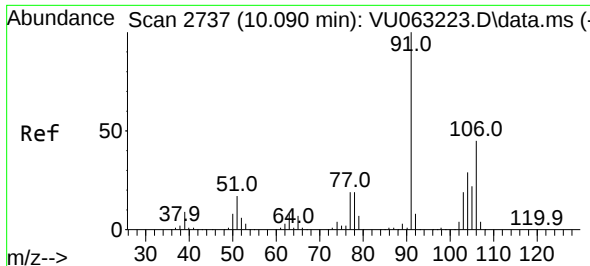
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#64
m/p-Xylenes
Concen: 10.960 ug/l
RT: 9.682 min Scan# 2610
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion:106 Resp: 293404
Ion Ratio Lower Upper
106 100
91 209.6 166.9 250.3





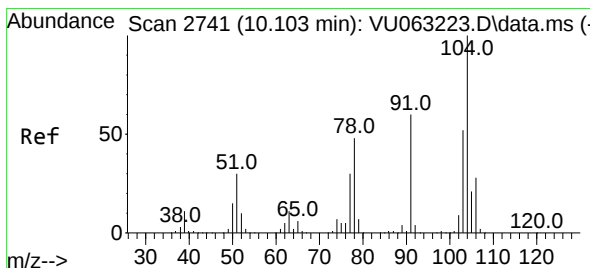
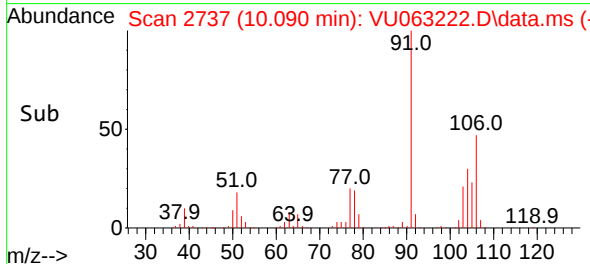
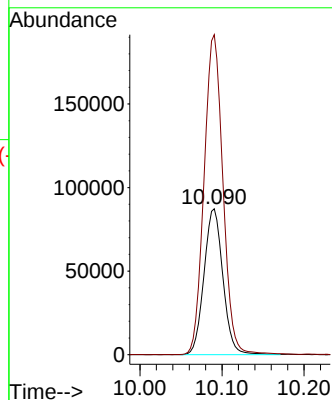
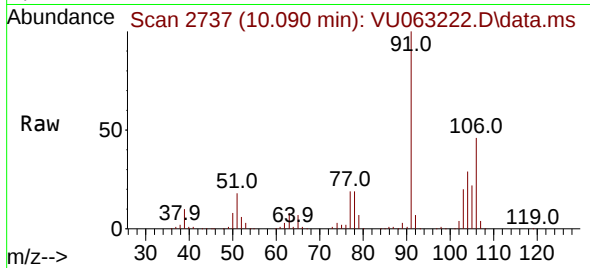
#65
o-Xylene
Concen: 5.340 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 139940
Ion Ratio Lower Upper
106 100
91 219.4 110.9 332.9

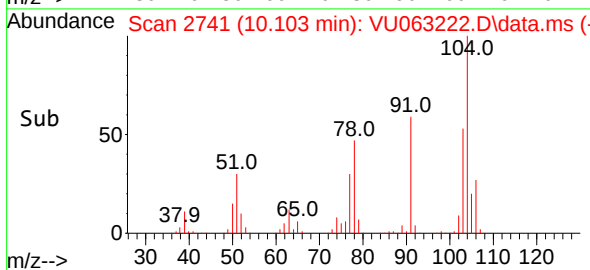
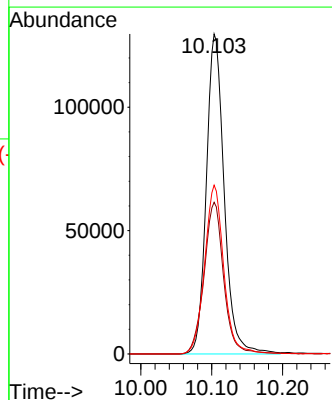
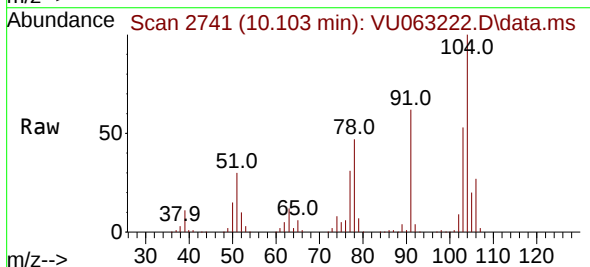
Manual Integrations
APPROVED

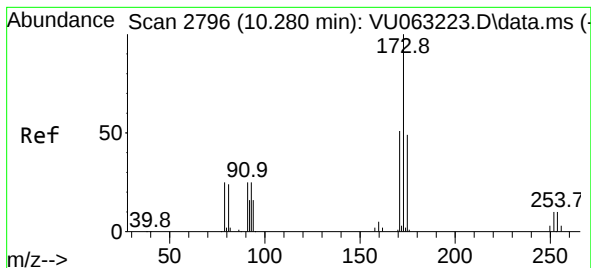
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#66
Styrene
Concen: 5.448 ug/l
RT: 10.103 min Scan# 2741
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion:104 Resp: 227199
Ion Ratio Lower Upper
104 100
78 52.1 41.2 61.8
103 56.8 44.8 67.2





#67

Bromoform

Concen: 5.053 ug/l

RT: 10.280 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion:173 Resp: 40369

Ion Ratio Lower Upper

173 100

175 49.3 39.0 58.4

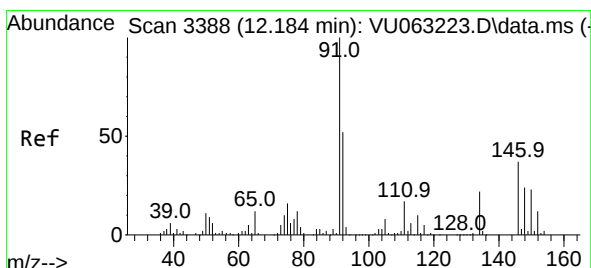
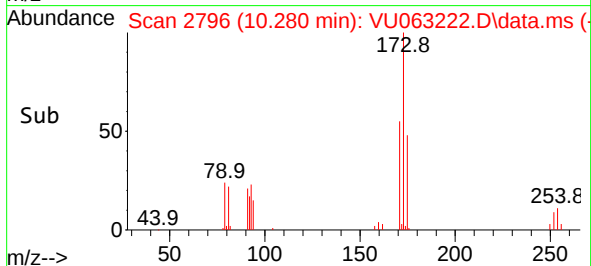
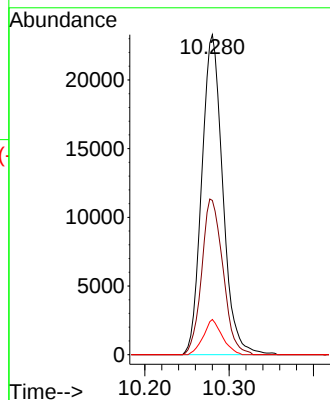
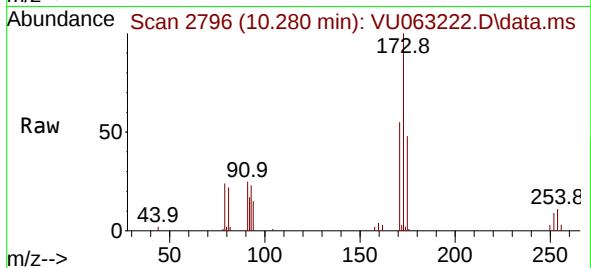
254 9.9 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#68

1,2-Dichlorobenzene-d4

Concen: 0.978 ug/l

RT: 12.184 min Scan# 3388

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

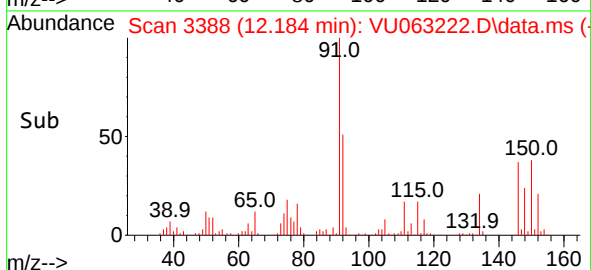
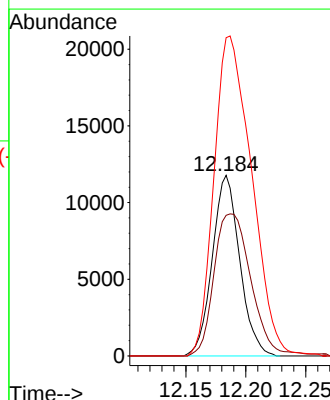
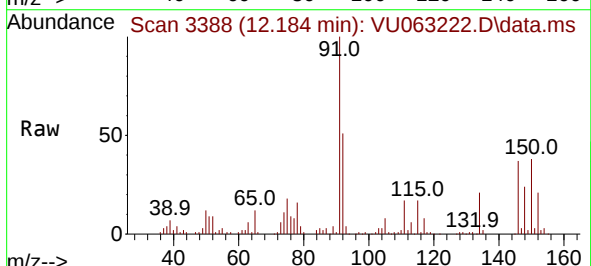
Tgt Ion:152 Resp: 18704

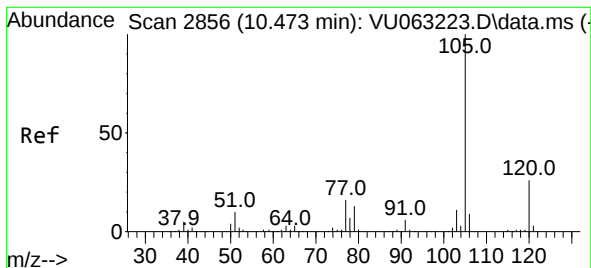
Ion Ratio Lower Upper

152 100

115 105.9 0.0 275.2

150 243.0 0.0 658.4





#69

Isopropylbenzene

Concen: 5.356 ug/l

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 329990

Ion Ratio Lower Upper

105 100

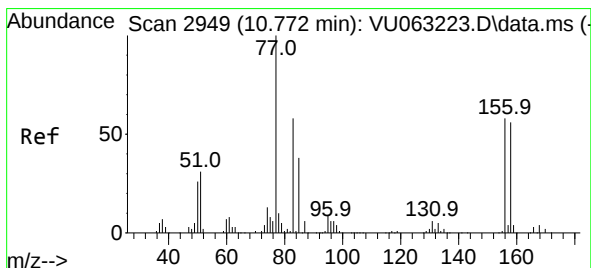
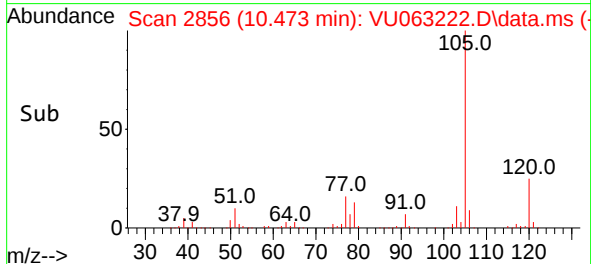
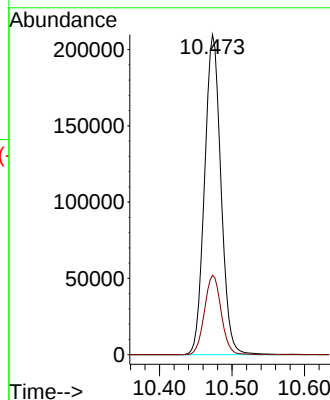
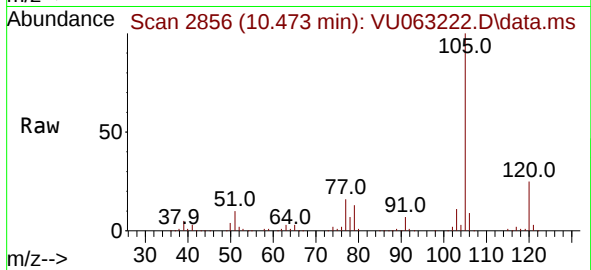
120 25.3 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 4.932 ug/l

RT: 10.769 min Scan# 2948

Delta R.T. -0.003 min

Lab File: VU063222.D

Acq: 10 Feb 2025 14:23

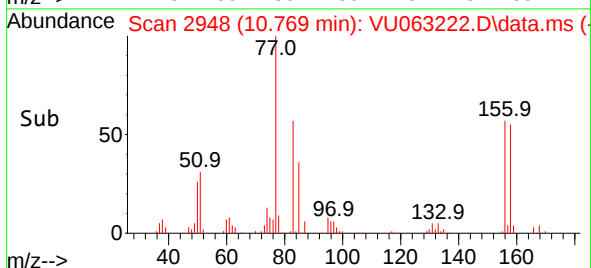
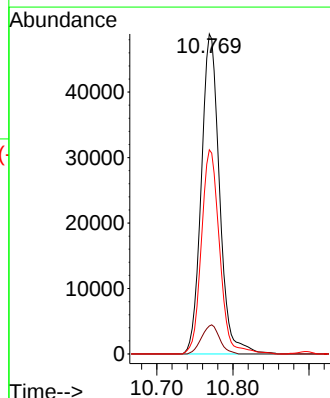
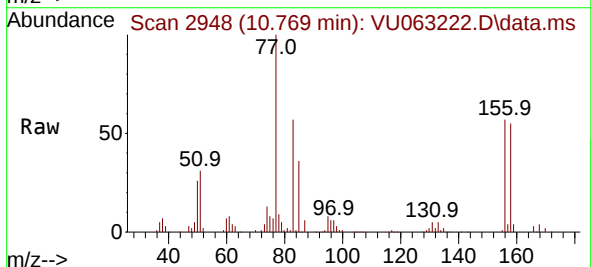
Tgt Ion: 83 Resp: 81338

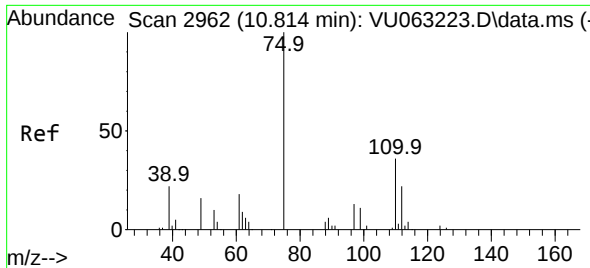
Ion Ratio Lower Upper

83 100

131 9.0 7.4 11.0

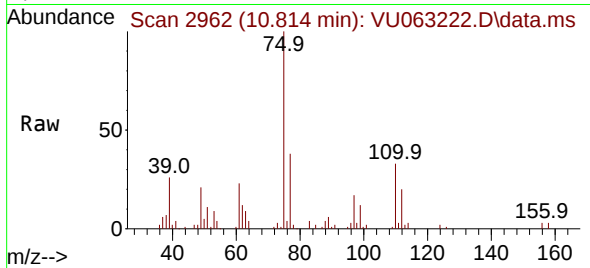
85 63.7 51.8 77.8





#71
1,2,3-Trichloropropane
Concen: 4.736 ug/l m
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

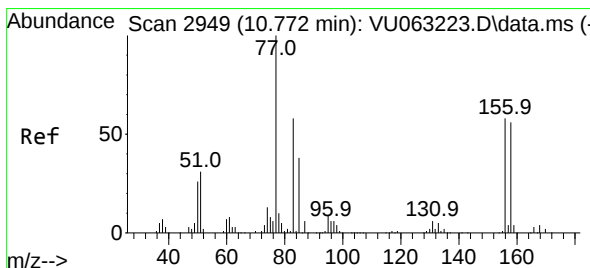
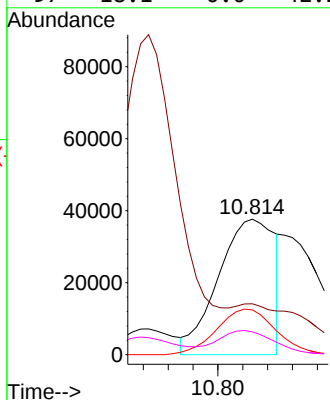
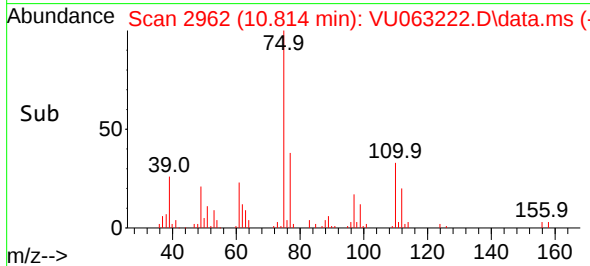
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



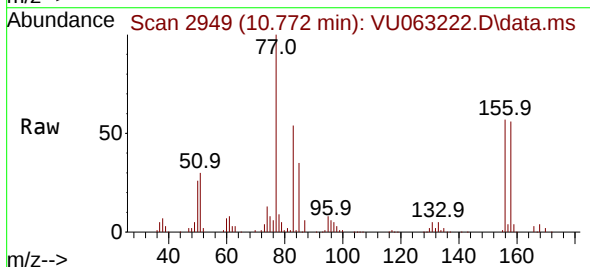
Tgt Ion: 75 Resp: 59228
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 35.6 0.0 77.0
97 18.1 0.0 42.2

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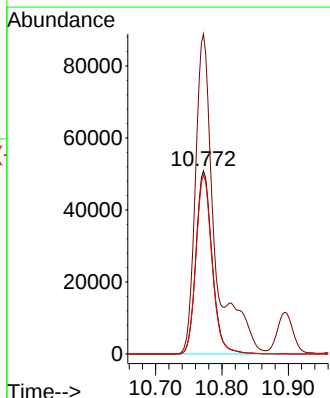
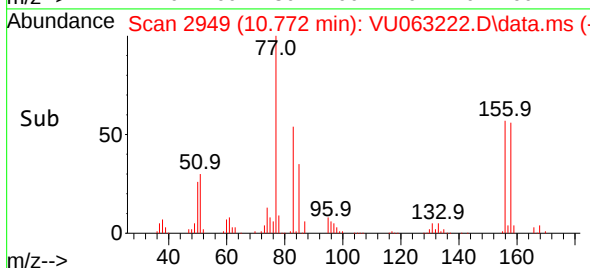
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

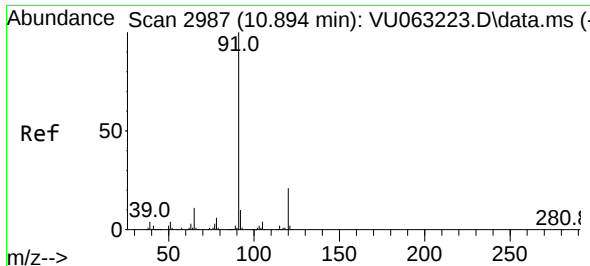


#72
Bromobenzene
Concen: 5.178 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23



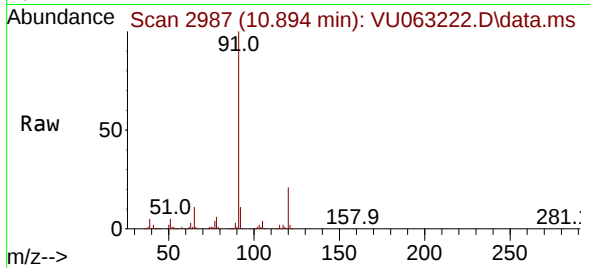
Tgt Ion:156 Resp: 85960
Ion Ratio Lower Upper
156 100
77 175.5 0.0 343.6
158 97.1 0.0 193.0





#73
n-propylbenzene
Concen: 5.439 ug/l
RT: 10.894 min Scan# 2987
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

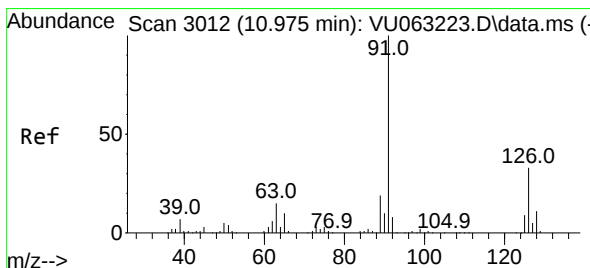
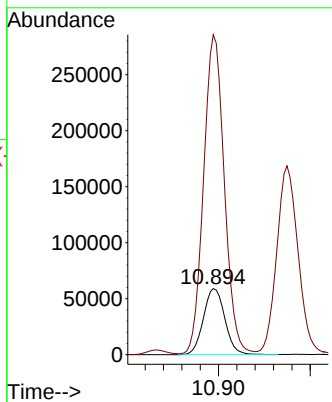
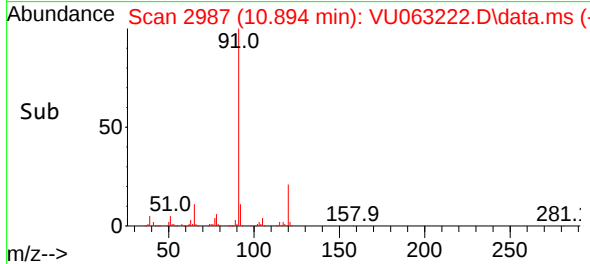
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion:120 Resp: 9593
Ion Ratio Lower Upper
120 100
91 464.6 369.8 554.6

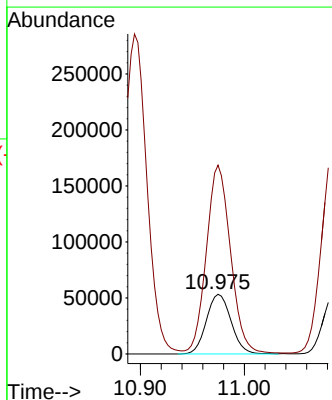
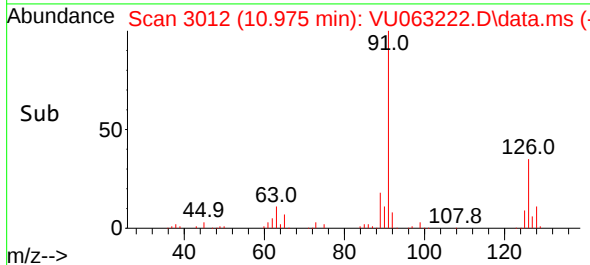
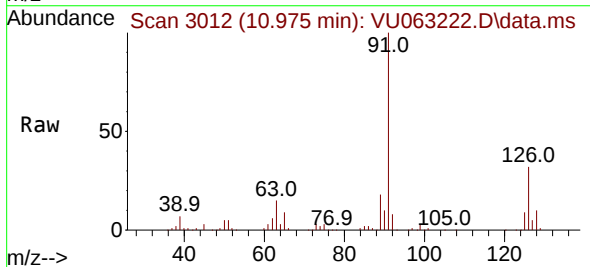
Manual Integrations
APPROVED

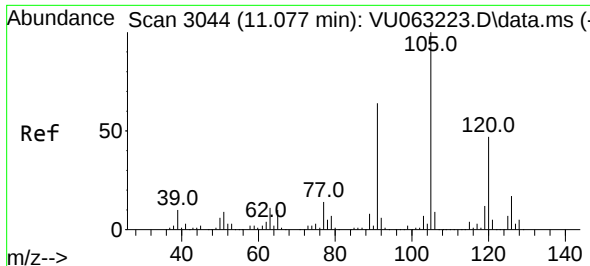
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#74
2-Chlorotoluene
Concen: 5.399 ug/l
RT: 10.975 min Scan# 3012
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

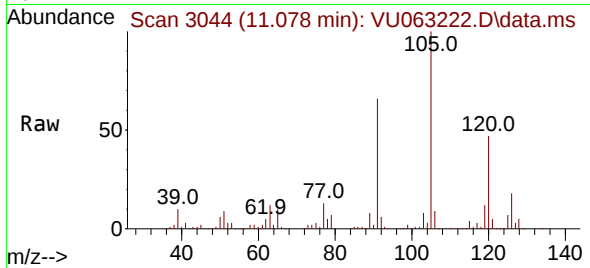
Tgt Ion:126 Resp: 87769
Ion Ratio Lower Upper
126 100
91 307.9 0.0 623.8





#75
1,3,5-Trimethylbenzene
Concen: 5.489 ug/l
RT: 11.078 min Scan# 3044
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

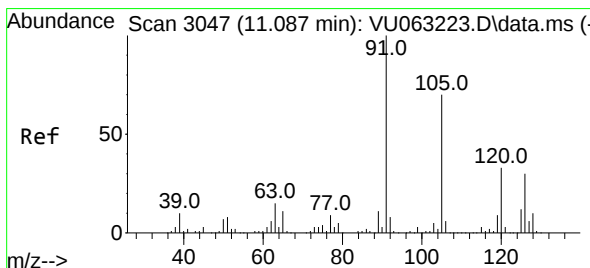
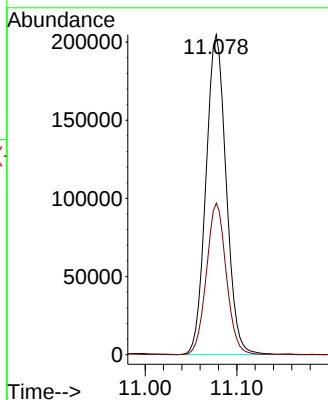
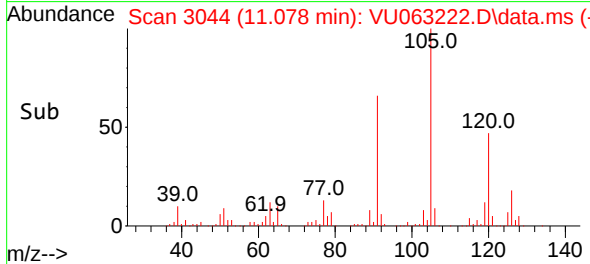
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



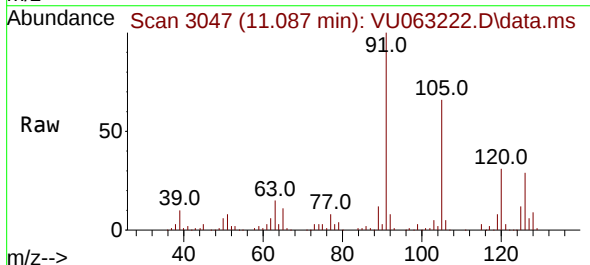
Tgt Ion:105 Resp: 31334
Ion Ratio Lower Upper
105 100
120 46.6 37.3 55.9

Manual Integrations
APPROVED

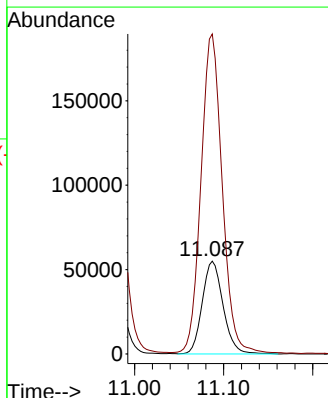
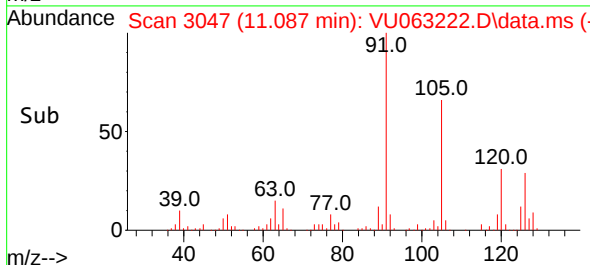
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

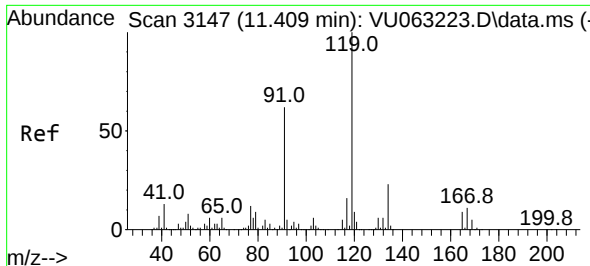


#76
4-Chlorotoluene
Concen: 5.353 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23



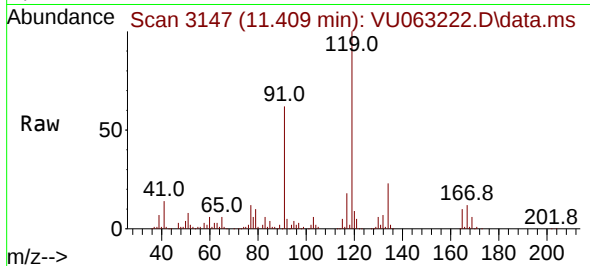
Tgt Ion:126 Resp: 89247
Ion Ratio Lower Upper
126 100
91 349.6 0.0 703.6





#77
 tert-Butylbenzene
 Concen: 5.183 ug/l
 RT: 11.409 min Scan# 3147
 Delta R.T. 0.000 min
 Lab File: VU063222.D
 Acq: 10 Feb 2025 14:23

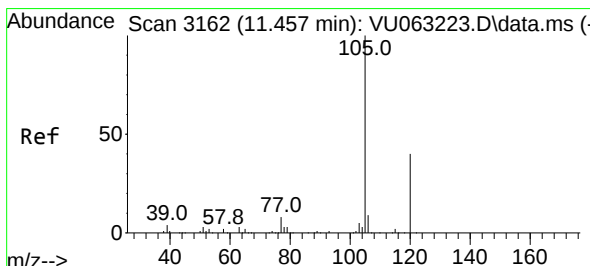
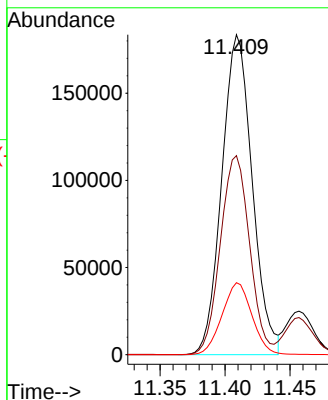
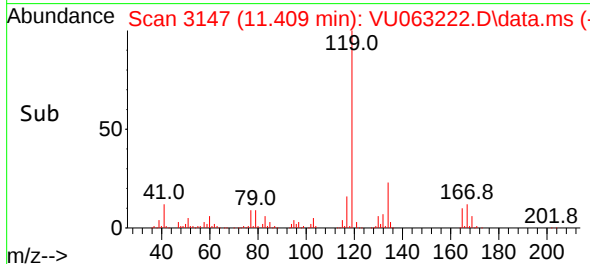
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



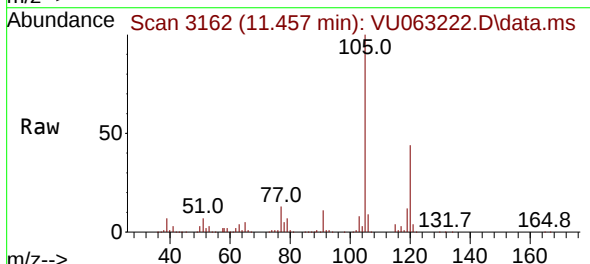
Tgt Ion:119 Resp: 299259
 Ion Ratio Lower Upper
 119 100
 91 59.8 29.4 88.3
 134 22.2 17.6 26.4

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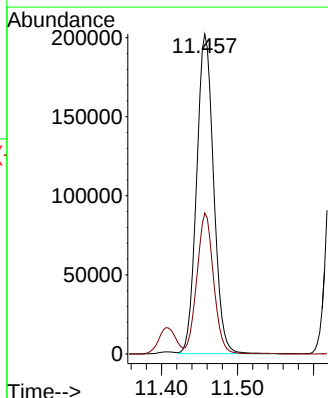
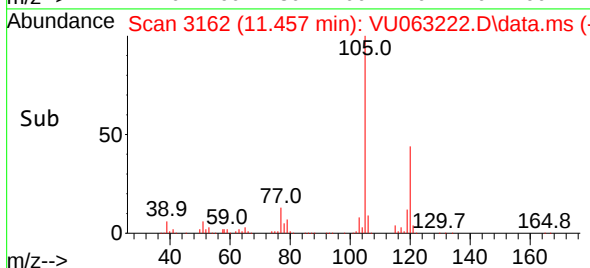
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025

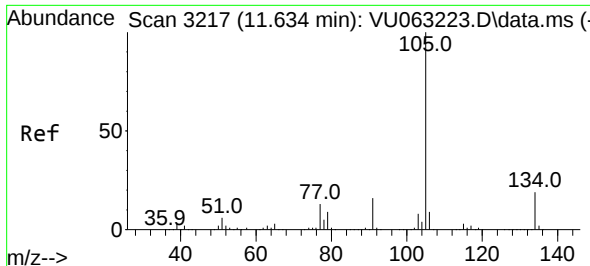


#78
 1,2,4-Trimethylbenzene
 Concen: 5.539 ug/l
 RT: 11.457 min Scan# 3162
 Delta R.T. 0.000 min
 Lab File: VU063222.D
 Acq: 10 Feb 2025 14:23



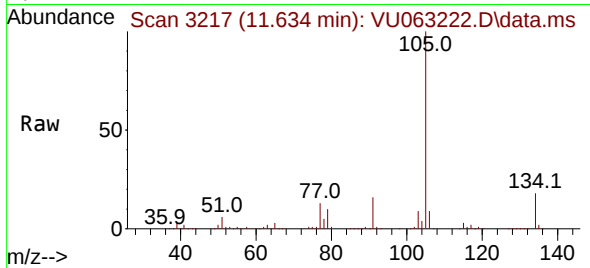
Tgt Ion:105 Resp: 313777
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.9 65.7





#79
 sec-Butylbenzene
 Concen: 5.362 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. 0.000 min
 Lab File: VU063222.D
 Acq: 10 Feb 2025 14:23

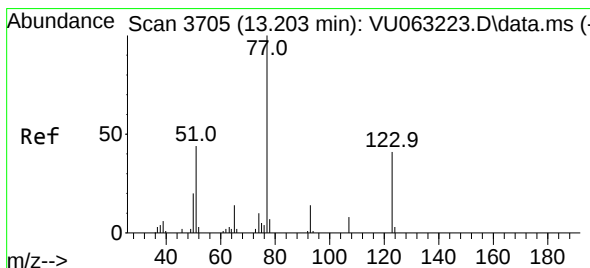
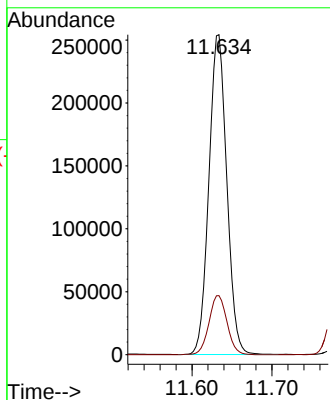
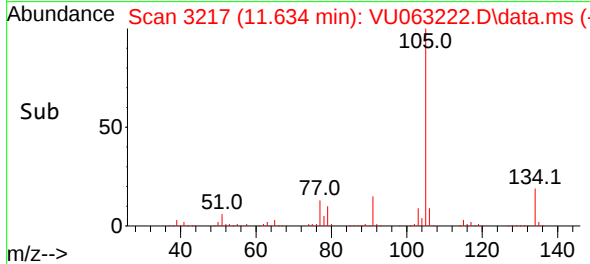
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



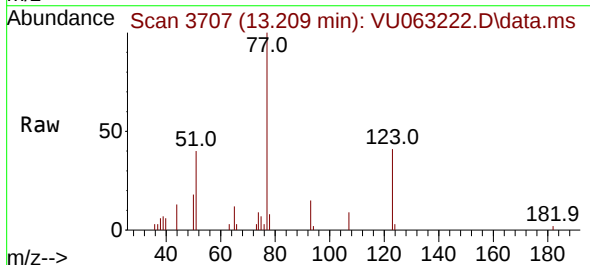
Tgt Ion:105 Resp: 39415
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.1 22.7

Manual Integrations
 APPROVED

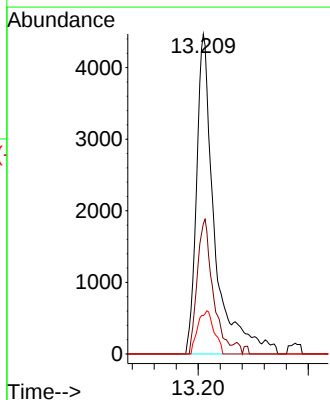
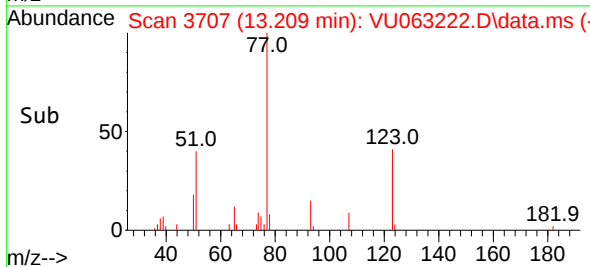
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025

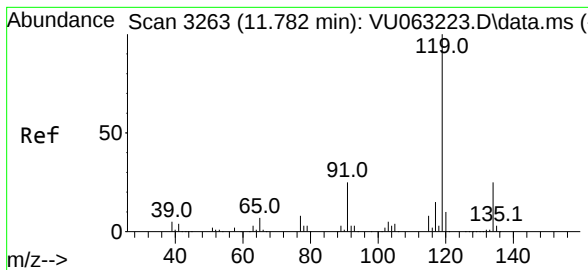


#80
 Nitrobenzene
 Concen: 23.083 ug/l m
 RT: 13.209 min Scan# 3707
 Delta R.T. 0.006 min
 Lab File: VU063222.D
 Acq: 10 Feb 2025 14:23



Tgt Ion: 77 Resp: 10183
 Ion Ratio Lower Upper
 77 100
 123 33.5 18.9 67.1
 65 12.1 11.9 15.1





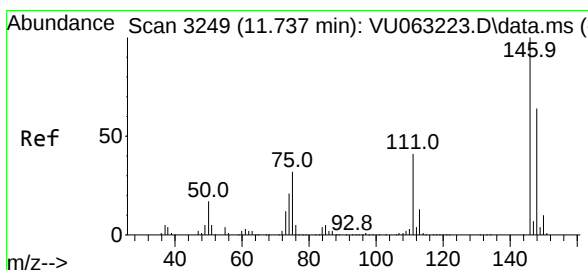
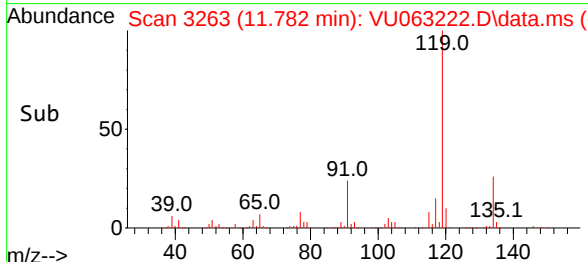
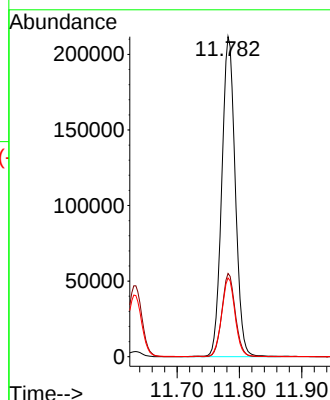
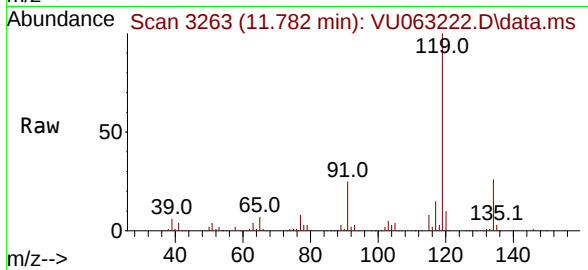
#81
p-Isopropyltoluene
Concen: 5.461 ug/l
RT: 11.782 min Scan# 31680
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 31680
Ion Ratio Lower Upper
119 100
134 25.7 20.3 30.5
91 24.2 19.4 29.2

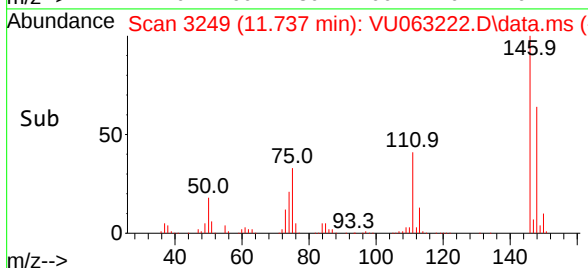
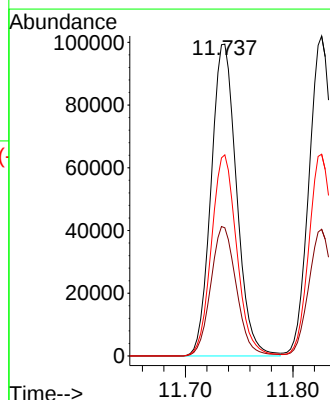
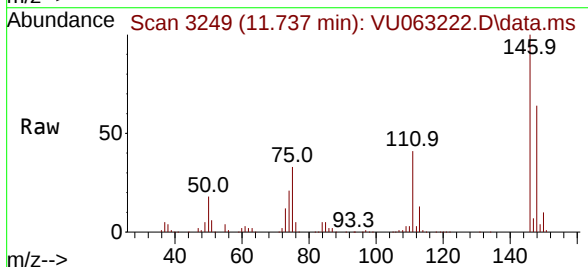
Manual Integrations
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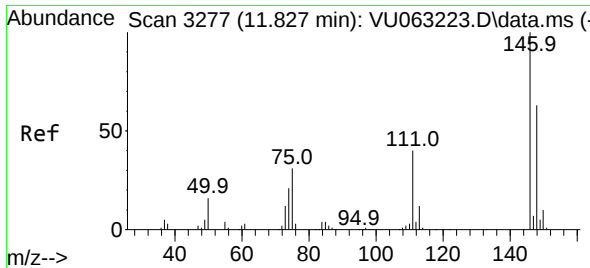
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#82
1,3-Dichlorobenzene
Concen: 5.096 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

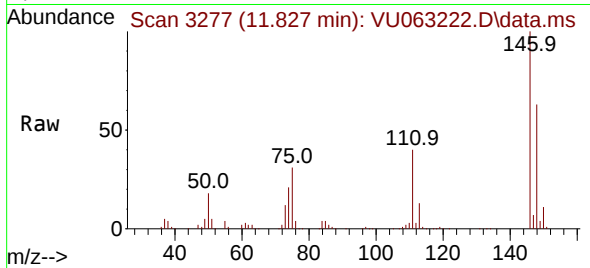
Tgt Ion:146 Resp: 164073
Ion Ratio Lower Upper
146 100
111 41.7 32.8 49.2
148 64.2 51.1 76.7





#83
1,4-Dichlorobenzene
Concen: 5.244 ug/l
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

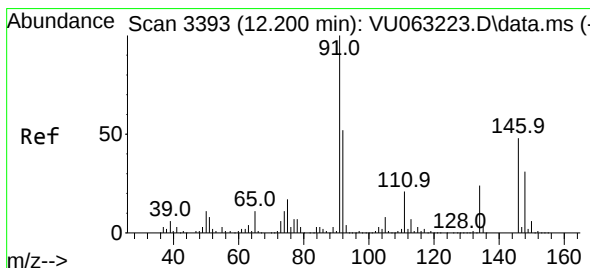
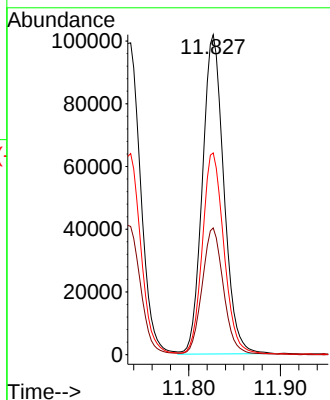
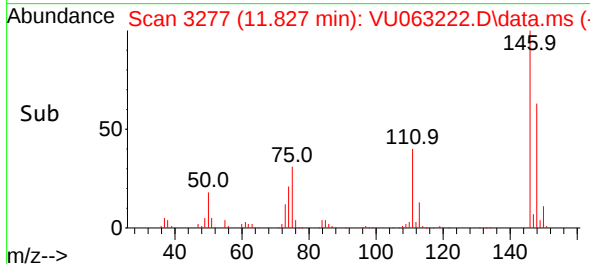
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



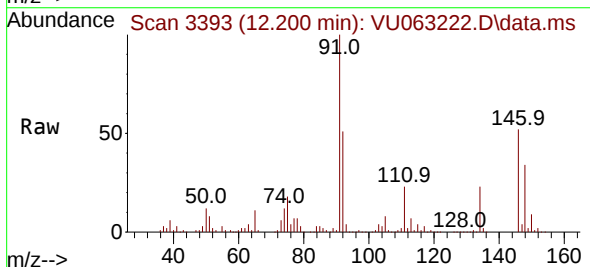
Tgt Ion:146 Resp: 16515
Ion Ratio Lower Upper
146 100
111 39.8 32.1 48.1
148 63.3 50.2 75.4

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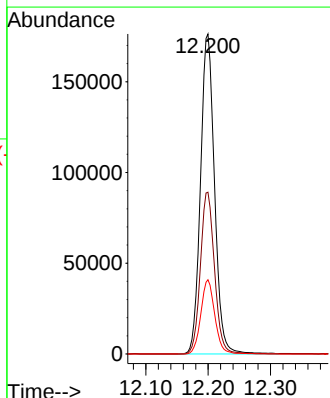
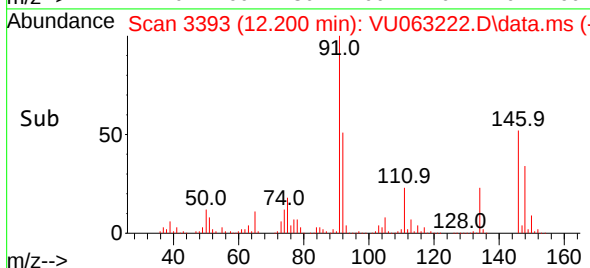
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

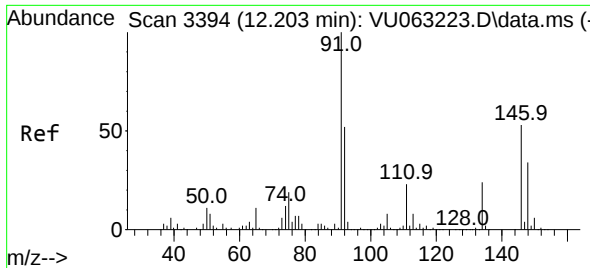


#84
n-Butylbenzene
Concen: 5.285 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23



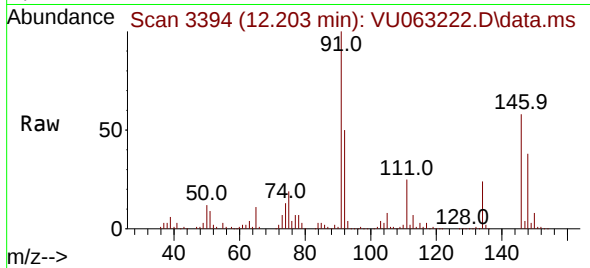
Tgt Ion: 91 Resp: 276461
Ion Ratio Lower Upper
91 100
92 50.7 41.8 62.8
134 23.0 18.6 28.0





#85
1,2-Dichlorobenzene
Concen: 5.072 ug/l
RT: 12.203 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

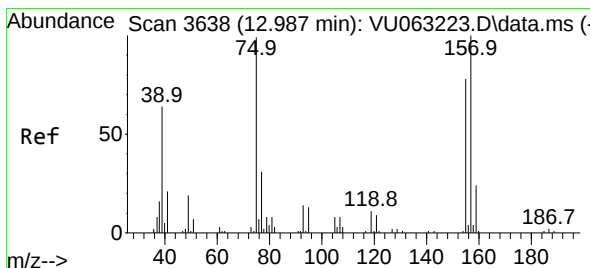
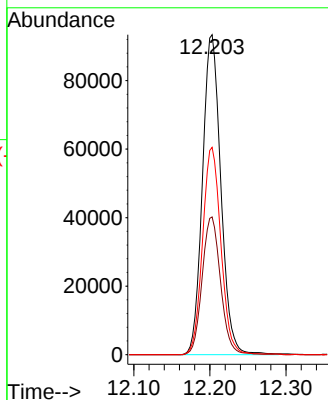
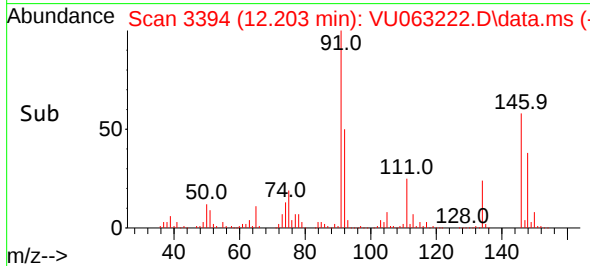
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion:146 Resp: 156950
Ion Ratio Lower Upper
146 100
111 43.1 21.9 65.7
148 64.6 32.3 96.9

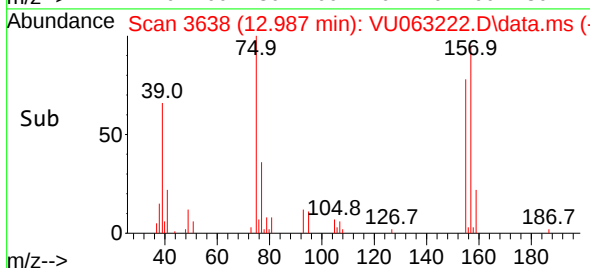
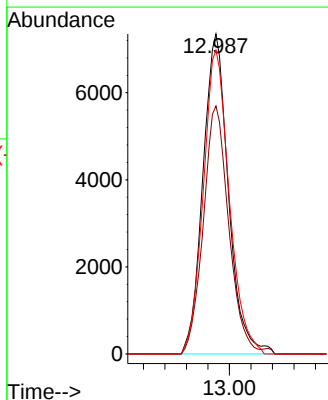
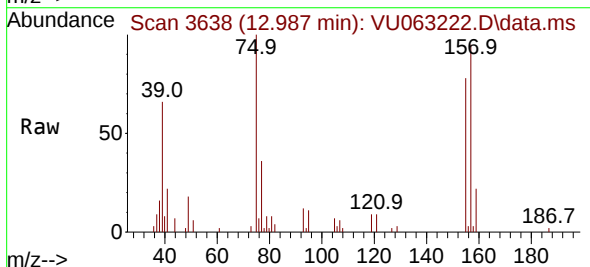
Manual Integrations
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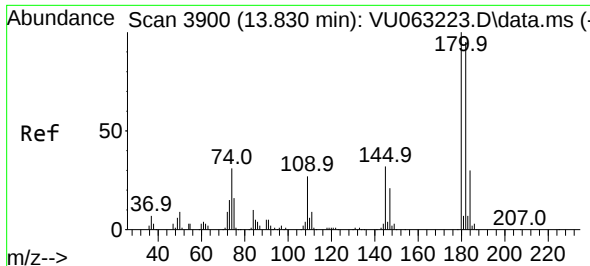
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 5.220 ug/l
RT: 12.987 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Tgt Ion: 75 Resp: 12084
Ion Ratio Lower Upper
75 100
155 77.3 63.5 95.3
157 96.9 81.8 122.6





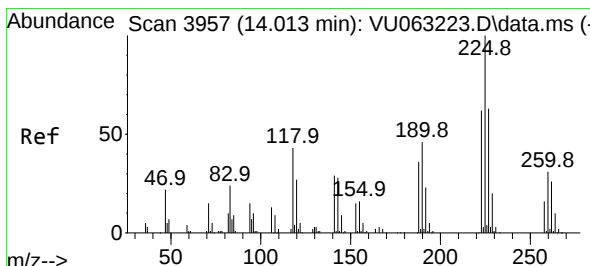
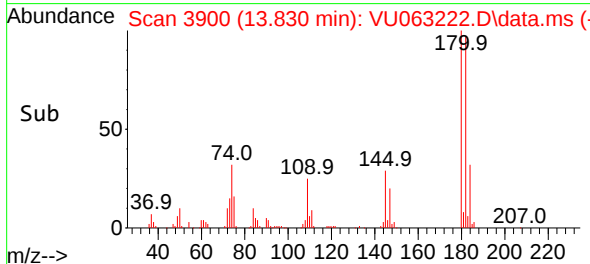
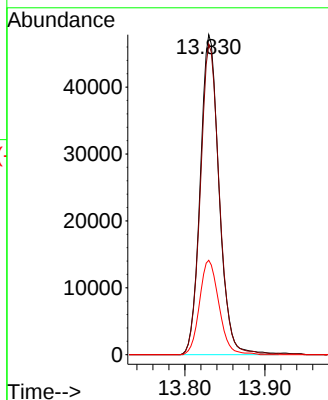
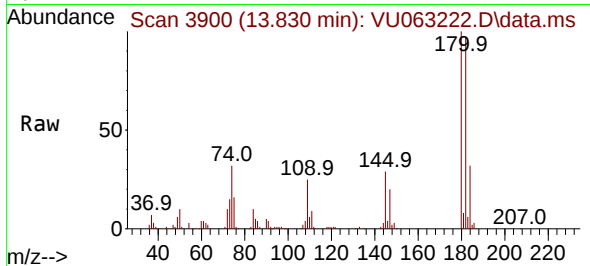
#87
1,2,4-Trichlorobenzene
Concen: 5.203 ug/l
RT: 13.830 min Scan# 3900
Delta R.T. 0.000 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:180 Resp: 78510
Ion Ratio Lower Upper
180 100
182 97.4 76.6 115.0
145 30.4 25.4 38.2

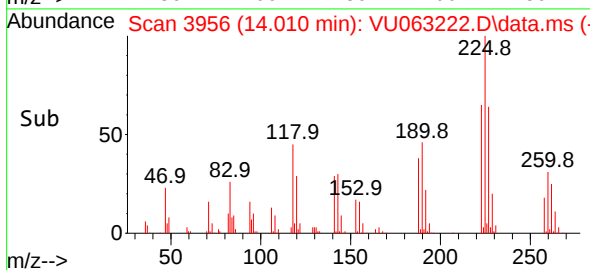
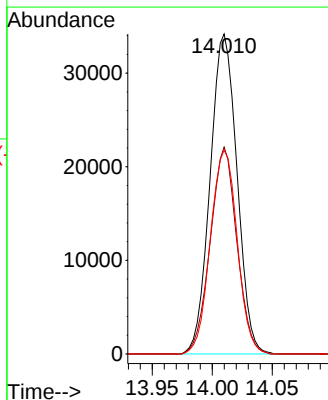
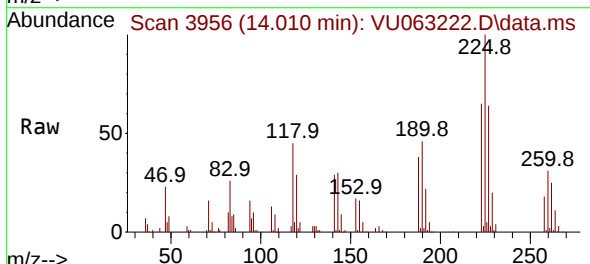
Manual Integrations
APPROVED

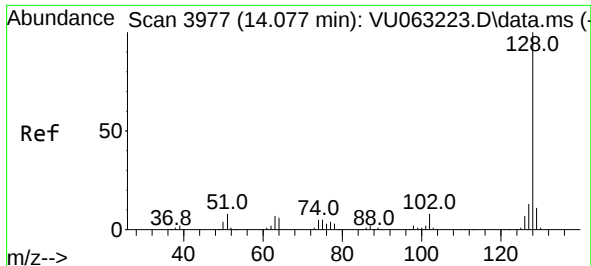
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#88
Hexachlorobutadiene
Concen: 4.939 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.003 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

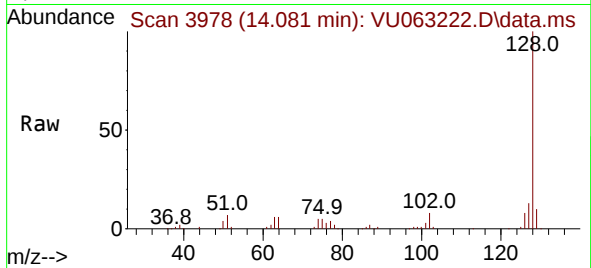
Tgt Ion:225 Resp: 53269
Ion Ratio Lower Upper
225 100
223 63.8 49.5 74.3
227 63.6 51.0 76.4





#89
Naphthalene
Concen: 4.286 ug/l
RT: 14.081 min Scan# 3977
Delta R.T. 0.003 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23

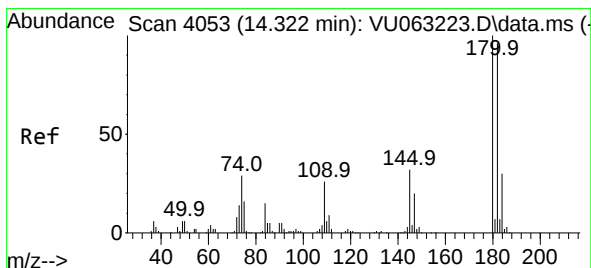
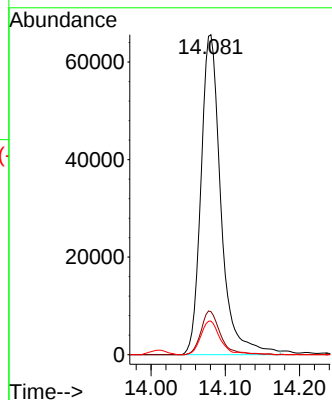
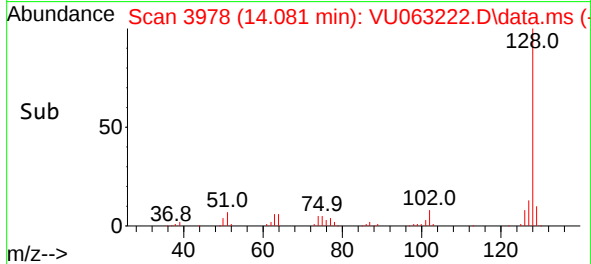
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



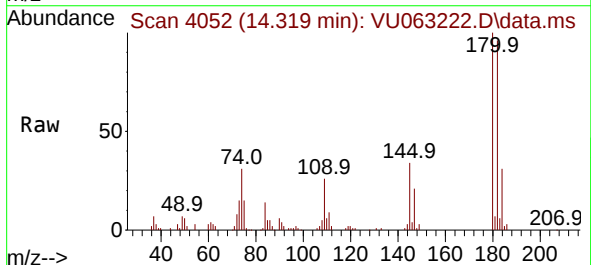
Tgt Ion:128 Resp: 122840
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 9.8 8.6 13.0

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 5.189 ug/l
RT: 14.319 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU063222.D
Acq: 10 Feb 2025 14:23



Tgt Ion:180 Resp: 76620
Ion Ratio Lower Upper
180 100
182 95.8 78.2 117.2
145 33.2 26.1 39.1

