

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021025\
 Data File : VU063224.D
 Acq On : 10 Feb 2025 15:33
 Operator : MD/SY
 Sample : VSTDICC015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC015

Manual Integrations
 APPROVED

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

Quant Time: Feb 11 04:01:03 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	58075	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.624	95	20689	1.080	ug/l	0.00
Spiked Amount	1.000		Recovery	=	108.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	22516	1.130	ug/l	0.00
Spiked Amount	1.000		Recovery	=	113.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	263402	13.960	ug/l	100
3) Chloromethane	1.515	50	300062	13.809	ug/l	97
4) Vinyl Chloride	1.596	62	311009	14.466	ug/l	100
6) Chloroethane	1.904	64	188210	13.899	ug/l	99
7) Trichlorofluoromethane	2.116	101	362692	14.236	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.563	101	200170	13.842	ug/l	99
9) 1,1-Dichloroethene	2.560	96	210091	14.259	ug/l	98
10) Iodomethane	2.705	142	329697	14.234	ug/l	99
11) Allyl Chloride	2.904	41	311245	14.705	ug/l	100
12) Acrylonitrile	3.300	53	102914	30.731	ug/l	99
13) Acetone	2.612	43	172446	65.992	ug/l	100
14) Carbon Disulfide	2.776	76	716395	13.906	ug/l	100
15) Methylene Chloride	3.026	84	251659	13.825	ug/l	99
16) trans-1,2-Dichloroethene	3.335	96	242715	14.434	ug/l	98
17) 1,1-Dichloroethane	3.846	63	453378	14.304	ug/l	100
18) 2-Butanone	4.685	43	304814	72.208	ug/l	99
19) Cyclohexane	5.370	56	400586m	15.729	ug/l	
20) Methylcyclohexane	6.750	83	398925	15.795	ug/l	99
21) 2,2-Dichloropropane	4.644	77	354900	14.352	ug/l	100
22) cis-1,2-Dichloroethene	4.647	96	270006	14.861	ug/l	100
23) Diethyl Ether	2.364	59	177089	14.007	ug/l	100
24) tert-Butyl Alcohol	3.177	59	185785	146.971	ug/l	100
25) Methyl tert-Butyl Ether	3.348	73	553339	15.037	ug/l	99
26) Bromochloromethane	4.952	128	113229	14.257	ug/l	98
27) Chloroform	5.071	83	457911	14.316	ug/l	100
28) 1,1,1-Trichloroethane	5.300	97	373842	14.428	ug/l	99
29) 1,1-Dichloropropene	5.509	75	347711	14.983	ug/l	99
30) Carbon Tetrachloride	5.509	117	321059	14.448	ug/l	99
31) Isopropyl Ether	3.975	45	703540	15.547	ug/l	98
32) Ethyl-t-butyl ether	4.483	59	649553	15.784	ug/l	99
33) Tert-Amyl methyl ether	5.923	73	575729	16.013	ug/l	100
34) Propionitrile	4.753	54	103055	78.746	ug/l	99
35) Benzene	5.756	78	1044796	14.641	ug/l	99
36) 1,2-Dichloroethane	5.775	62	291840	14.170	ug/l	100
37) Trichloroethene	6.528	130	244774	14.424	ug/l	100
38) 1,2-Dichloropropane	6.775	63	273676	14.653	ug/l	99
39) Methacrylonitrile	4.956	41	79040	16.908	ug/l	99
40) Methyl acrylate	4.830	55	133276	15.616	ug/l	99
41) Tetrahydrofuran	5.036	42	79845	29.065	ug/l	99
42) 1-Chlorobutane	5.441	56	481169	15.153	ug/l	99
43) Dibromomethane	6.904	93	133485	14.114	ug/l	98
44) Bromodichloromethane	7.090	83	323143	14.680	ug/l	99
45) 4-Methyl-2-Pentanone	7.779	43	794494	80.129	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) t-1,4-Dichloro-2-butene	10.827	75	143327m	29.213	ug/l	
47) Methyl methacrylate	6.946	69	256757	32.232	ug/l	100
48) Ethyl methacrylate	8.322	69	257931	17.244	ug/l	100
49) Toluene	7.955	92	638079	15.549	ug/l	100
50) t-1,3-Dichloropropene	8.197	75	320246	15.891	ug/l	98
51) cis-1,3-Dichloropropene	7.595	75	386542	15.527	ug/l	99
52) 1,1,2-Trichloroethane	8.386	97	186154	14.598	ug/l	98
53) 1,3-Dichloropropane	8.563	76	330381	14.594	ug/l	99
54) 2-Hexanone	8.672	43	557608	82.409	ug/l	99
55) Dibromochloromethane	8.798	129	219151	14.939	ug/l	97
56) 1,2-Dibromoethane	8.910	107	178579	14.932	ug/l	99
58) Tetrachloroethene	8.541	164	195759	13.998	ug/l	99
59) Chlorobenzene	9.434	112	659996	15.241	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.521	131	233573	15.005	ug/l	99
61) Pentachloroethane	11.415	117	217502	15.642	ug/l	100
62) Hexachloroethane	12.463	117	202372	16.451	ug/l	100
63) Ethyl Benzene	9.560	91	1218926	16.321	ug/l	99
64) m/p-Xylenes	9.682	106	919492	32.960	ug/l	99
65) o-Xylene	10.090	106	447318	16.379	ug/l	100
66) Styrene	10.103	104	750530	17.269	ug/l	100
67) Bromoform	10.280	173	131670	15.814	ug/l	99
69) Isopropylbenzene	10.473	105	1068251	16.638	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.769	83	264258	15.376	ug/l	100
71) 1,2,3-Trichloropropane	10.814	75	200210m	15.363	ug/l	
72) Bromobenzene	10.772	156	273315	15.799	ug/l	99
73) n-propylbenzene	10.894	120	312734	17.012	ug/l	100
74) 2-Chlorotoluene	10.975	126	279514	16.499	ug/l	98
75) 1,3,5-Trimethylbenzene	11.077	105	1018594	17.122	ug/l	100
76) 4-Chlorotoluene	11.087	126	284996	16.404	ug/l	100
77) tert-Butylbenzene	11.409	119	1004388	16.693	ug/l	100
78) 1,2,4-Trimethylbenzene	11.457	105	1038794	17.598	ug/l	99
79) sec-Butylbenzene	11.630	105	1305019	17.036	ug/l	100
80) Nitrobenzene	13.200	77	39246	75.007	ug/l	99
81) p-Isopropyltoluene	11.782	119	1064335	17.605	ug/l	100
82) 1,3-Dichlorobenzene	11.733	146	532282	15.863	ug/l	99
83) 1,4-Dichlorobenzene	11.827	146	537516	16.378	ug/l	99
84) n-Butylbenzene	12.196	91	994690	18.246	ug/l	100
85) 1,2-Dichlorobenzene	12.200	146	526346	16.323	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	39960	16.565	ug/l	98
87) 1,2,4-Trichlorobenzene	13.830	180	288112	18.320	ug/l	99
88) Hexachlorobutadiene	14.010	225	175875	15.648	ug/l	99
89) Naphthalene	14.077	128	515515	15.328	ug/l	100
90) 1,2,3-Trichlorobenzene	14.318	180	277101	18.007	ug/l	98

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

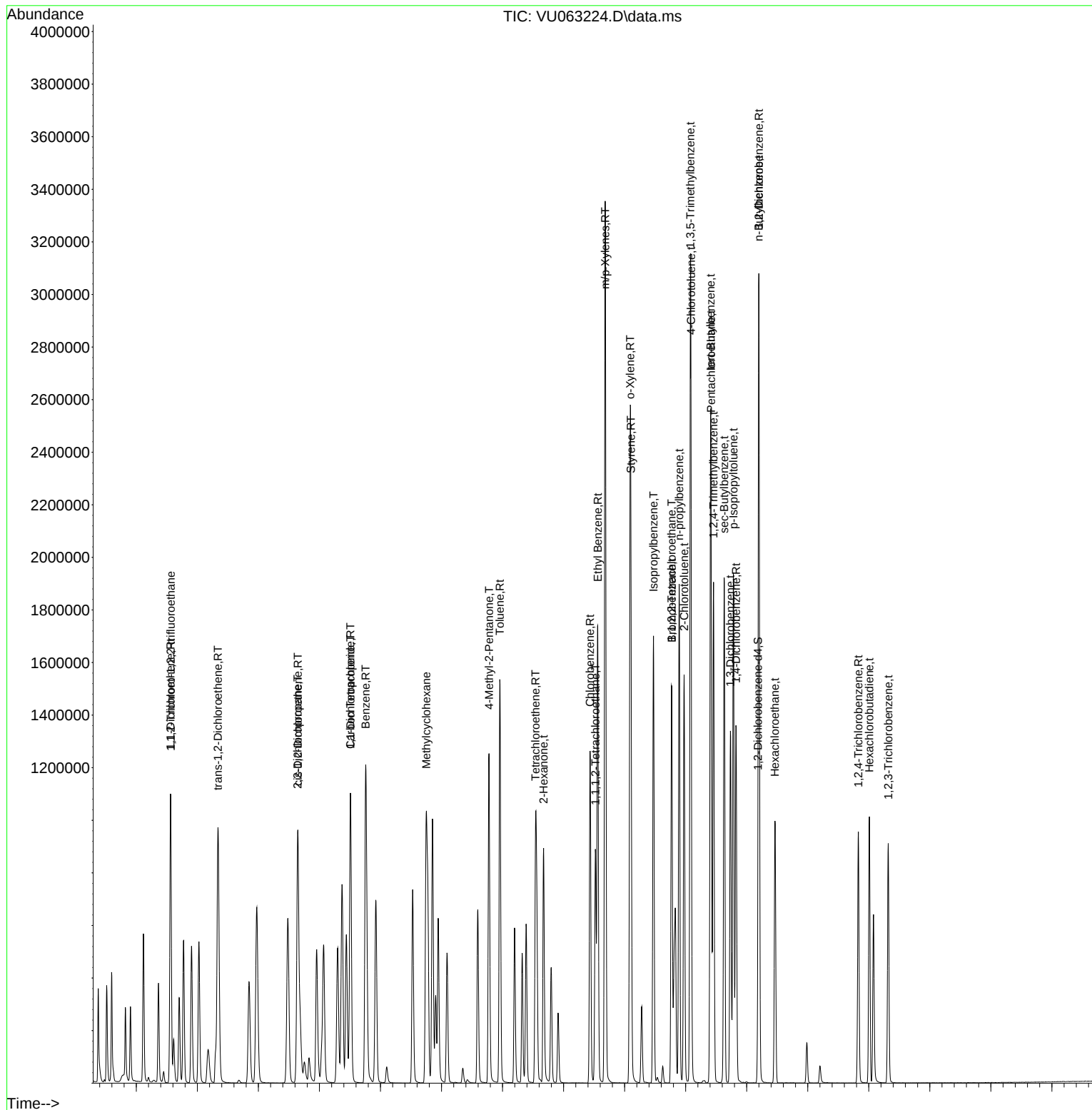
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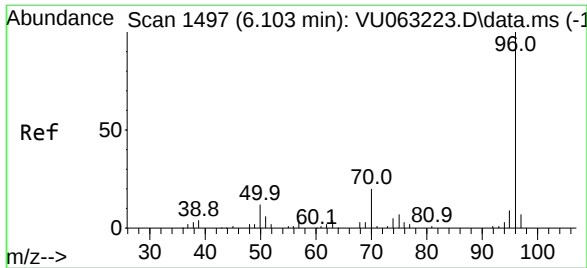
Instrument :
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ClientSampleId :
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Manual Integrations
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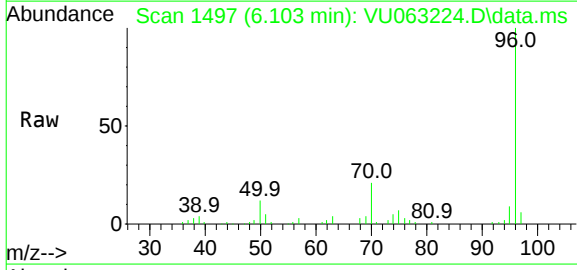
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 1497
Delta R.T. 0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

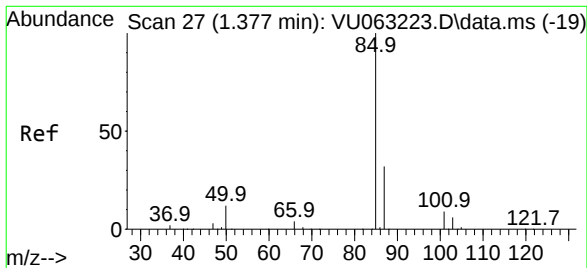
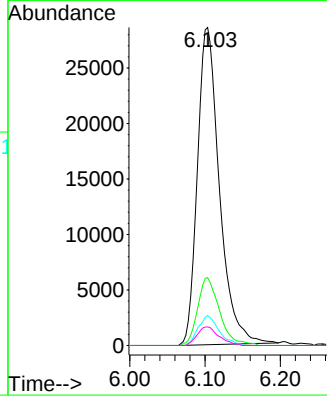
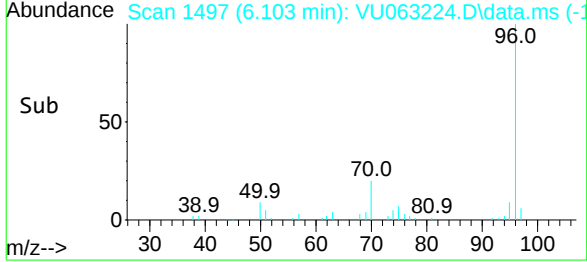
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion: 96 Resp: 58075
Ion Ratio Lower Upper
96 100
70 21.2 15.6 23.4
95 8.9 7.3 10.9
97 0.0 0.0 0.0

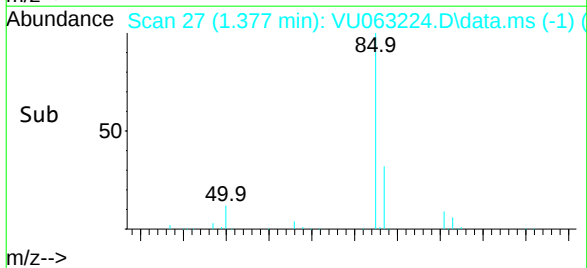
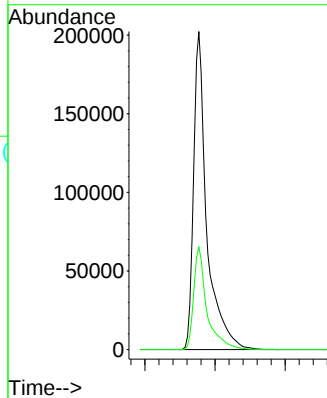
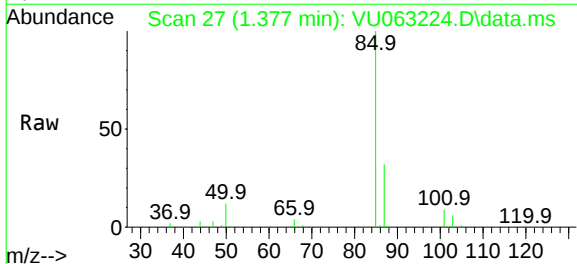
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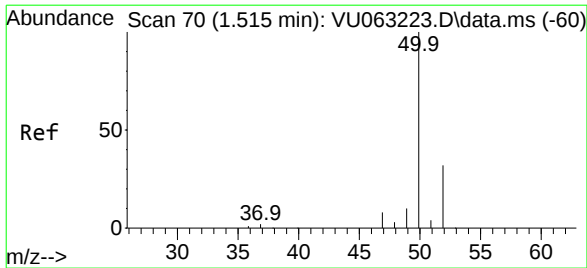
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#2
Dichlorodifluoromethane
Concen: 13.960 ug/l
RT: 1.377 min Scan# 27
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Tgt Ion: 85 Resp: 263402
Ion Ratio Lower Upper
85 100
87 32.2 16.0 48.0





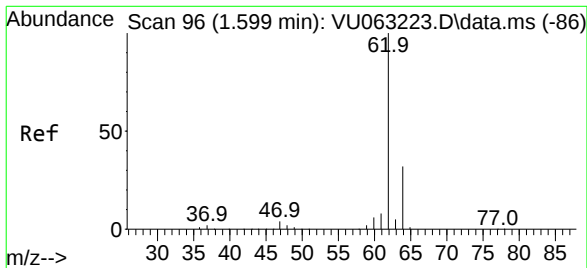
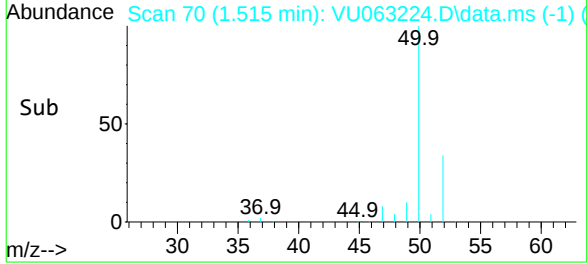
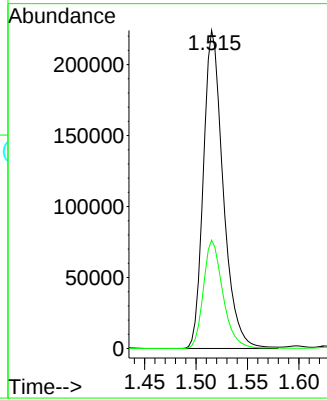
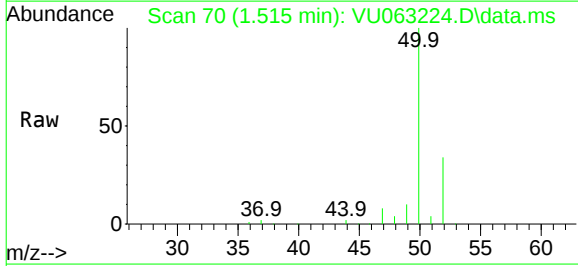
#3
Chloromethane
Concen: 13.809 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 50 Resp: 300062
Ion Ratio Lower Upper
50 100
52 34.1 25.8 38.8

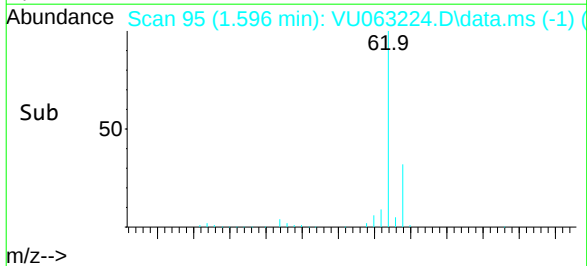
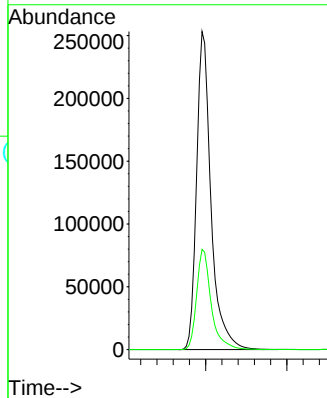
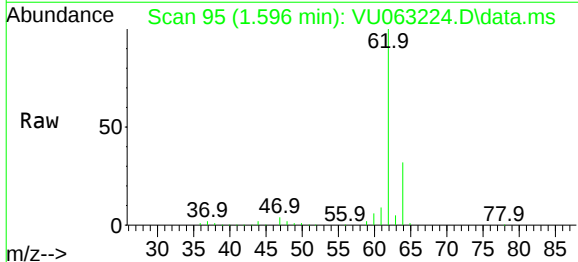
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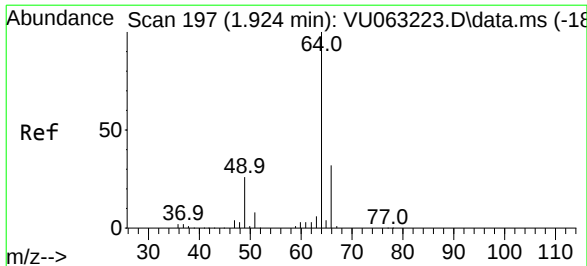
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#4
Vinyl Chloride
Concen: 14.466 ug/l
RT: 1.596 min Scan# 95
Delta R.T. -0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

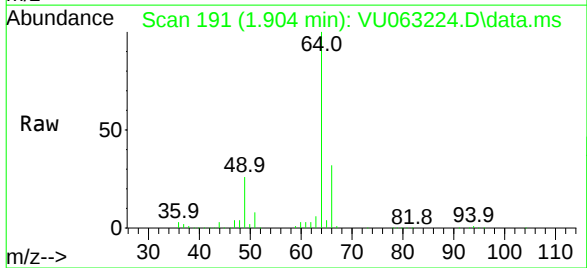
Tgt Ion: 62 Resp: 311009
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.0





#6
Chloroethane
Concen: 13.899 ug/l
RT: 1.904 min Scan# 19
Delta R.T. -0.019 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

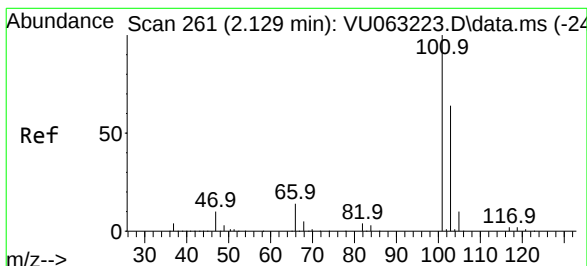
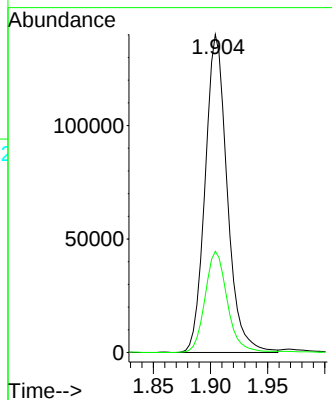
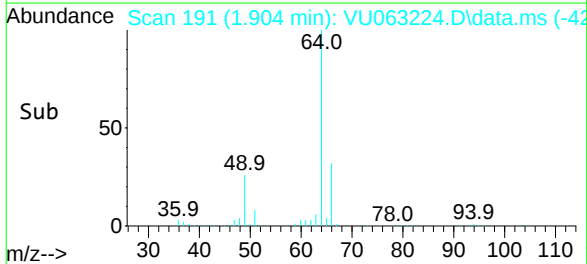
Instrument :
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ClientSampleId :
VSTDICC015



Tgt Ion: 64 Resp: 188210
Ion Ratio Lower Upper
64 100
66 31.7 25.8 38.8

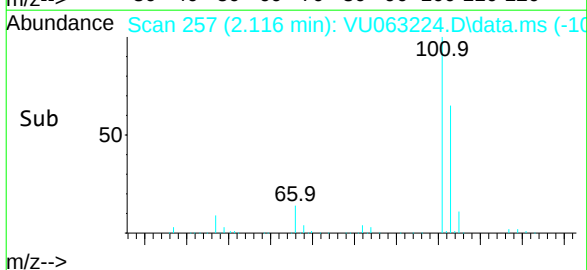
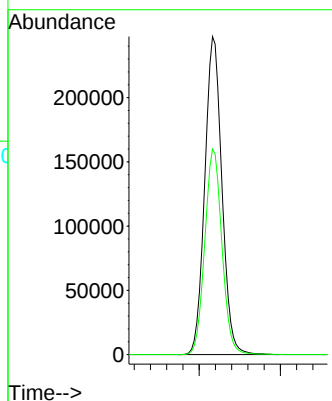
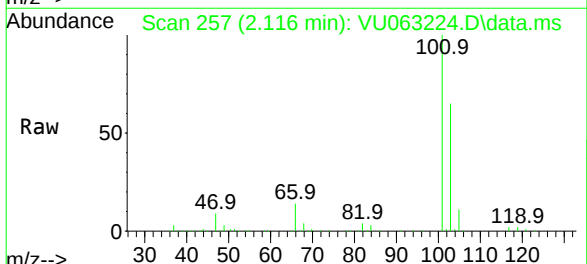
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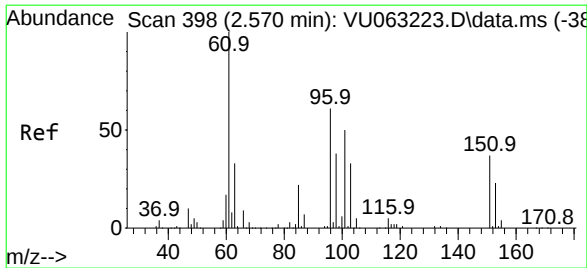
Reviewed By :Amit Patel 02/12/2025
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#7
Trichlorofluoromethane
Concen: 14.236 ug/l
RT: 2.116 min Scan# 257
Delta R.T. -0.013 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

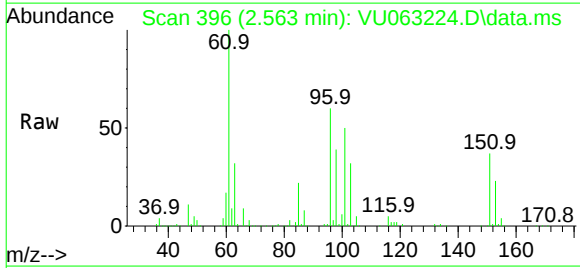
Tgt Ion:101 Resp: 362692
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2





#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 13.842 ug/l
RT: 2.563 min Scan# 395
Delta R.T. -0.006 min
Lab File: VU063224.D
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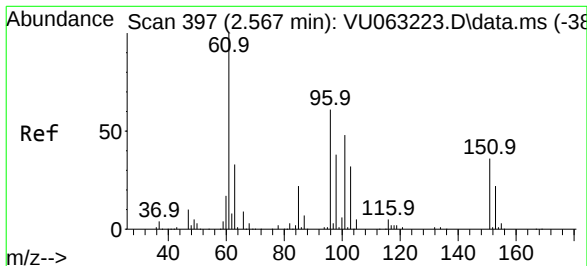
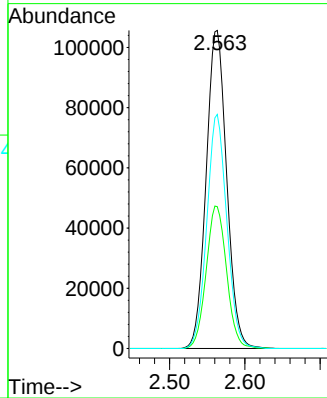
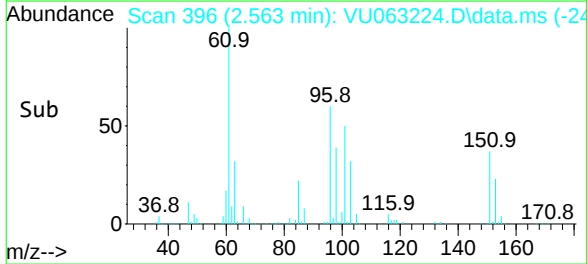
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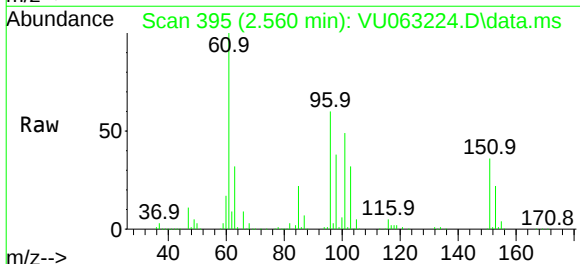
Tgt Ion: 101 Resp: 200170
Ion Ratio Lower Upper
101 100
85 44.3 35.4 53.0
151 72.0 58.5 87.7

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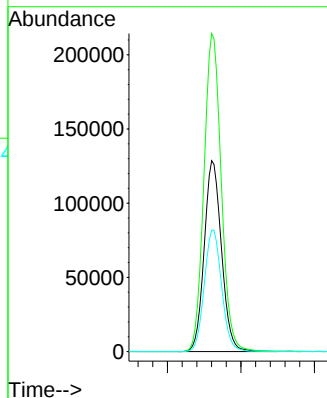
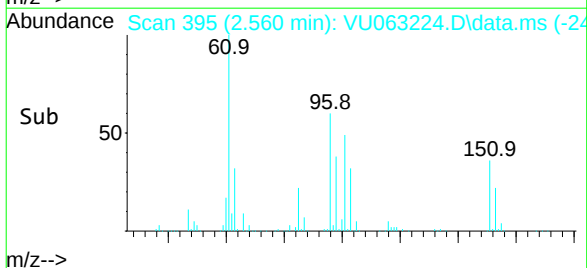
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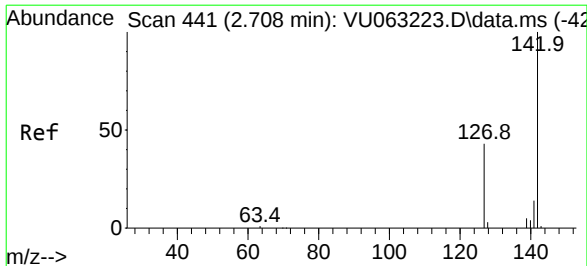


#9
1,1-Dichloroethene
Concen: 14.259 ug/l
RT: 2.560 min Scan# 395
Delta R.T. -0.006 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33



Tgt Ion: 96 Resp: 210091
Ion Ratio Lower Upper
96 100
61 166.6 0.0 492.9
98 63.7 0.0 124.0





#10

Iodomethane

Concen: 14.234 ug/l

RT: 2.705 min Scan# 441

Delta R.T. -0.003 min

Lab File: VU063224.D

Acq: 10 Feb 2025 15:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion:142 Resp: 329697

Ion Ratio Lower Upper

142 100

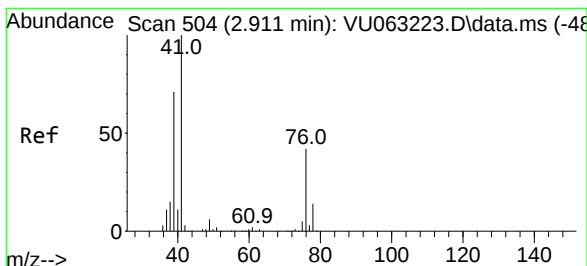
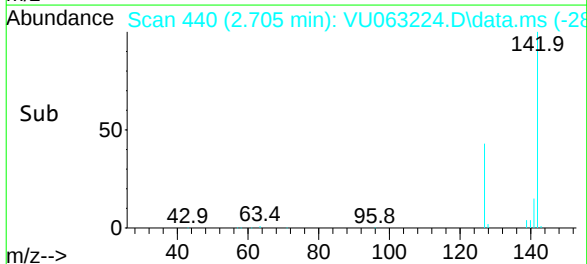
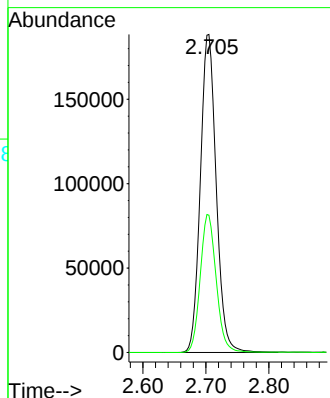
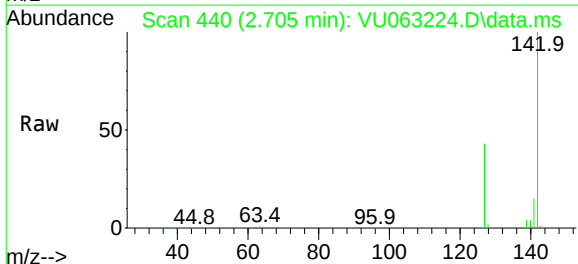
127 43.7 34.5 51.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#11

Allyl Chloride

Concen: 14.705 ug/l

RT: 2.904 min Scan# 502

Delta R.T. -0.006 min

Lab File: VU063224.D

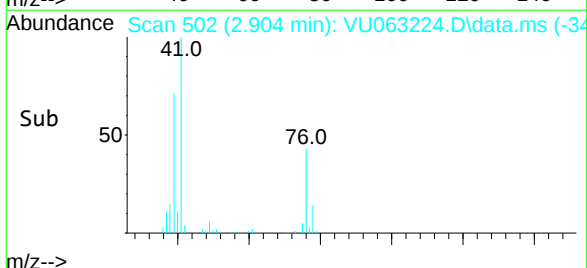
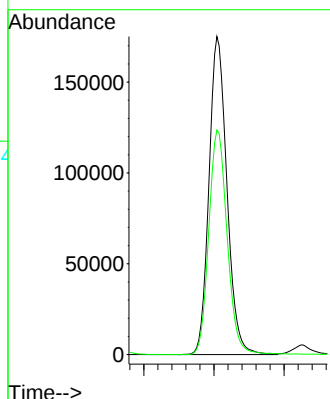
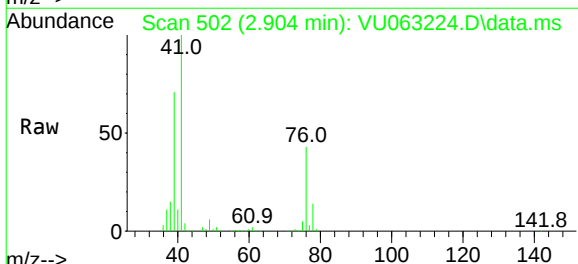
Acq: 10 Feb 2025 15:33

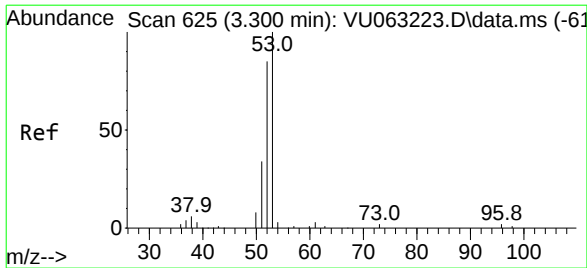
Tgt Ion: 41 Resp: 311245

Ion Ratio Lower Upper

41 100

39 72.4 57.9 86.9





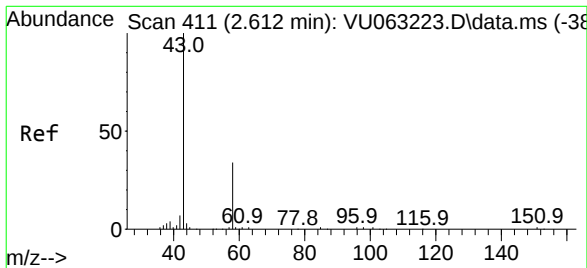
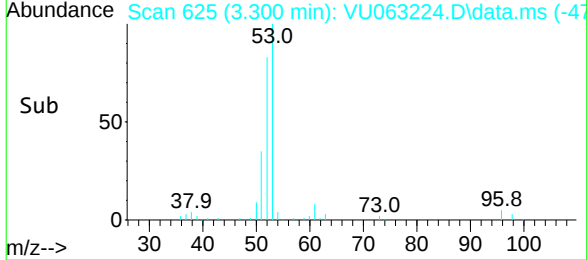
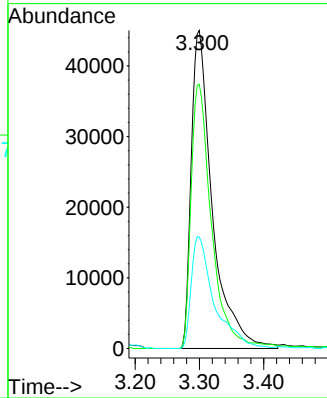
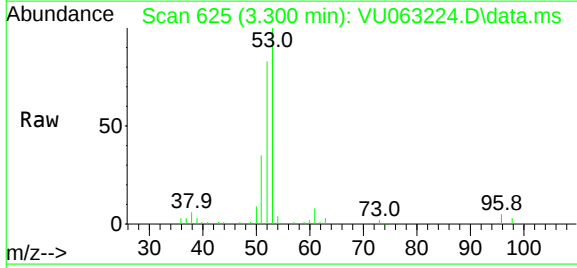
#12
Acrylonitrile
Concen: 30.731 ug/l
RT: 3.300 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 53 Resp: 102914
Ion Ratio Lower Upper
53 100
52 80.8 64.2 96.2
51 38.3 30.8 46.2

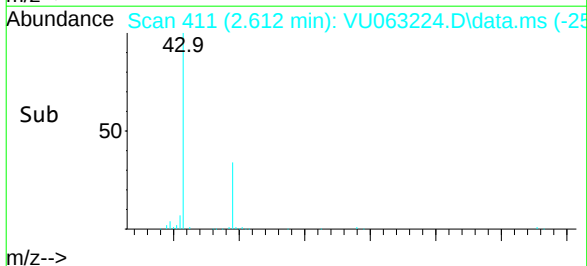
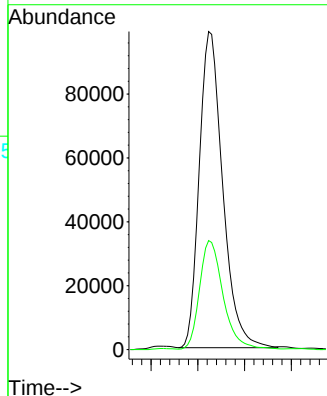
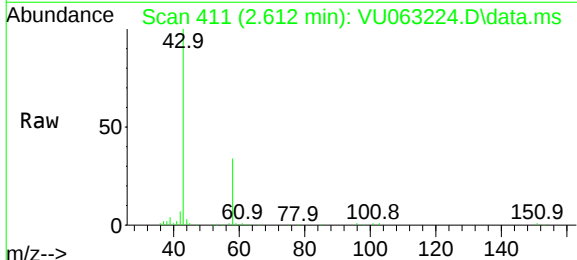
Manual Integrations
APPROVED

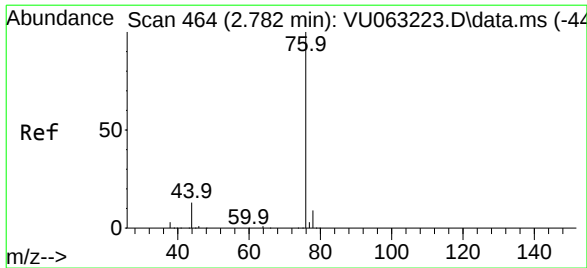
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#13
Acetone
Concen: 65.992 ug/l
RT: 2.612 min Scan# 411
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

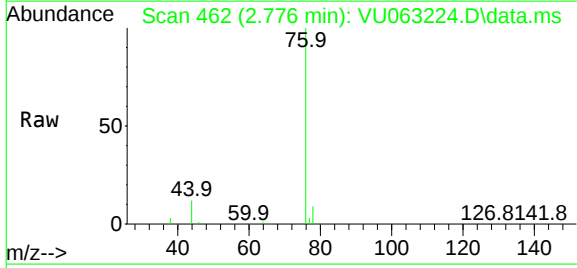
Tgt Ion: 43 Resp: 172446
Ion Ratio Lower Upper
43 100
58 34.3 27.4 41.0





#14
Carbon Disulfide
Concen: 13.906 ug/l
RT: 2.776 min Scan# 461
Delta R.T. -0.006 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

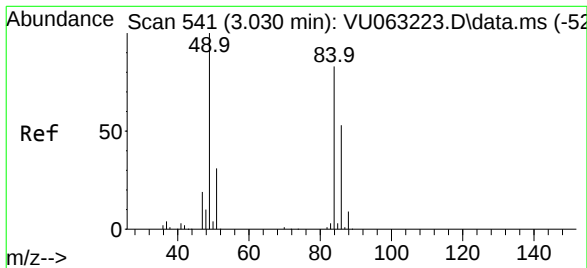
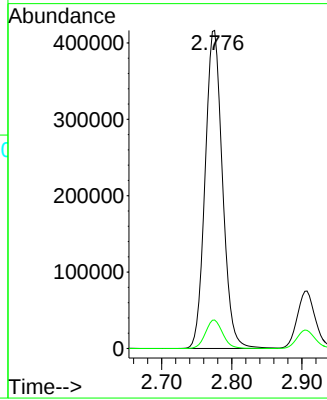
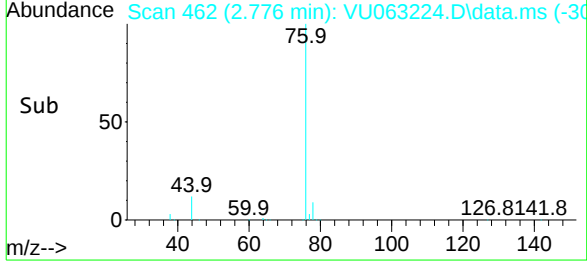
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion: 76 Resp: 716395
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

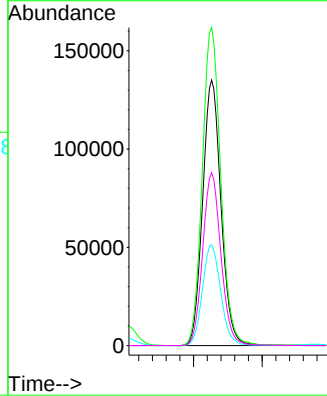
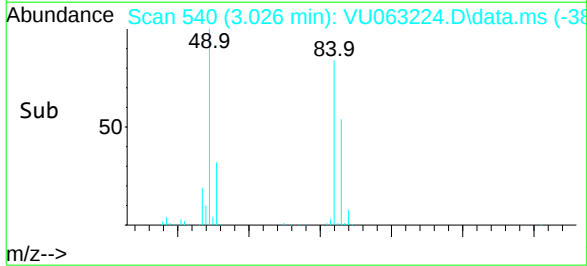
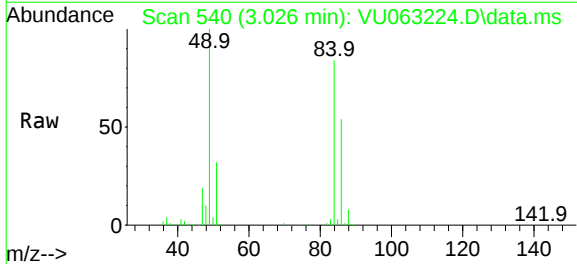
Manual Integrations
APPROVED

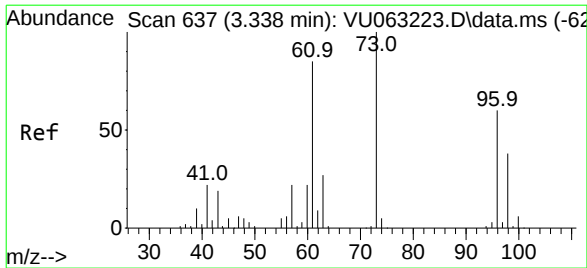
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#15
Methylene Chloride
Concen: 13.825 ug/l
RT: 3.026 min Scan# 540
Delta R.T. -0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

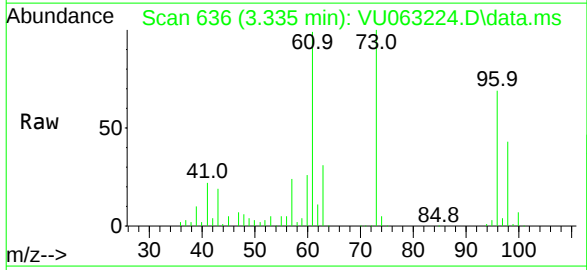
Tgt Ion: 84 Resp: 251659
Ion Ratio Lower Upper
84 100
49 119.7 96.4 144.6
51 37.9 0.0 74.8
86 65.1 51.3 76.9





#16
trans-1,2-Dichloroethene
Concen: 14.434 ug/l
RT: 3.335 min Scan# 63
Delta R.T. -0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

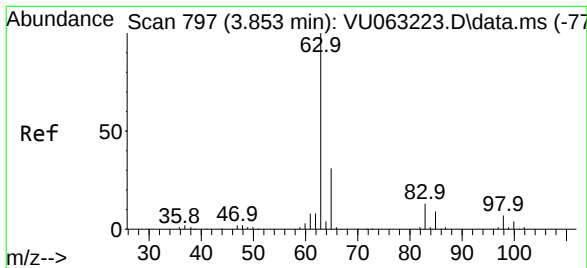
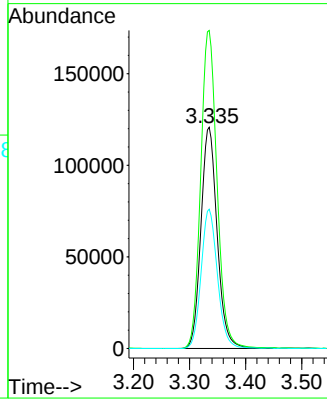
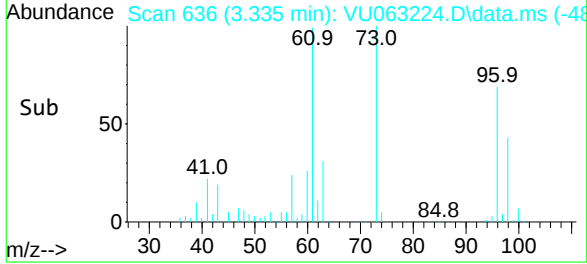
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion: 96 Resp: 242715
Ion Ratio Lower Upper
96 100
61 143.8 113.4 170.2
98 62.9 51.2 76.8

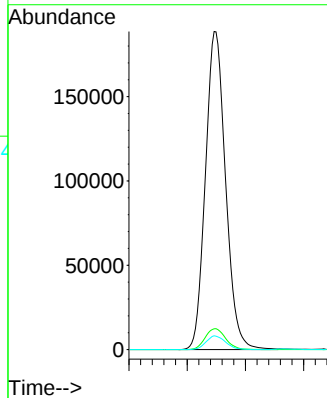
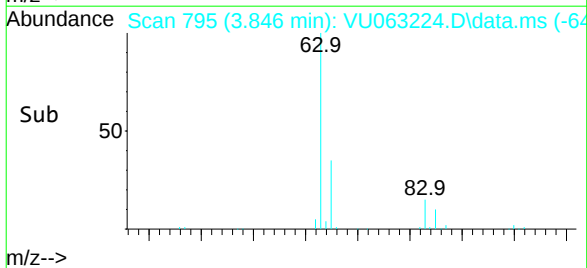
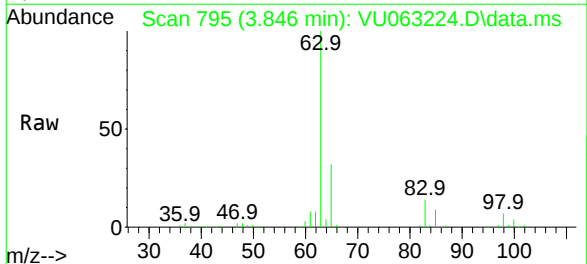
Manual Integrations
APPROVED

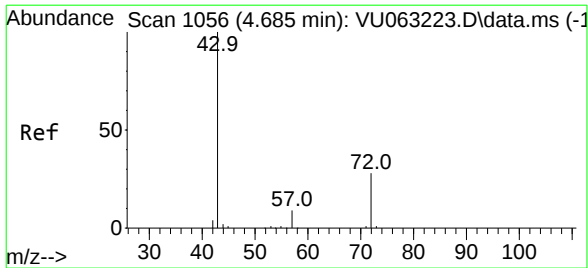
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#17
1,1-Dichloroethane
Concen: 14.304 ug/l
RT: 3.846 min Scan# 795
Delta R.T. -0.006 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Tgt Ion: 63 Resp: 453378
Ion Ratio Lower Upper
63 100
98 6.5 3.3 9.9
100 4.3 2.1 6.2





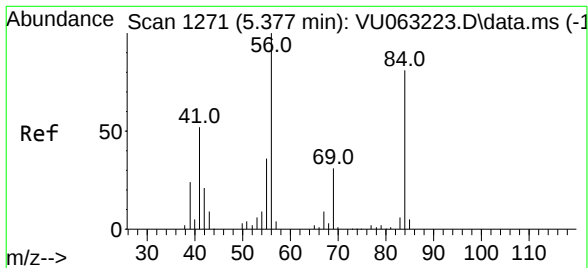
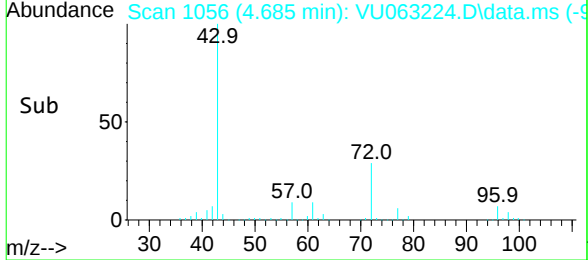
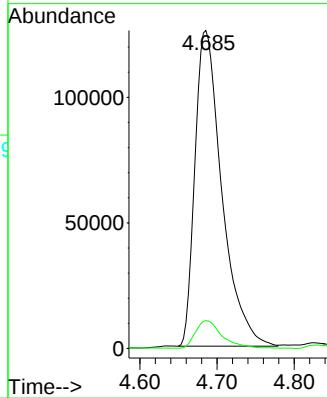
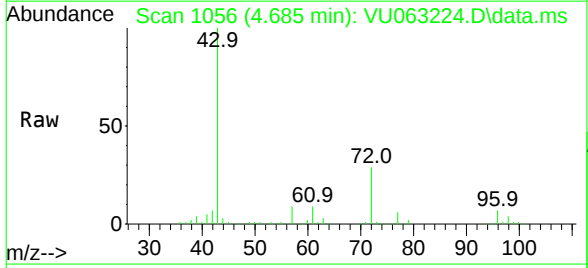
#18
2-Butanone
Concen: 72.208 ug/l
RT: 4.685 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 304814
Ion Ratio Lower Upper
43 100
57 8.7 0.0 17.0

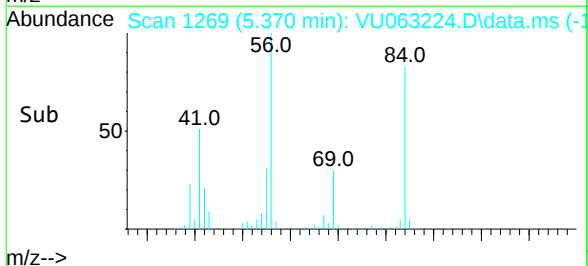
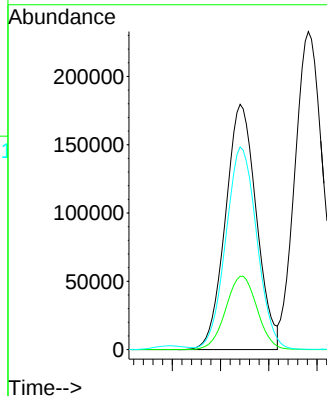
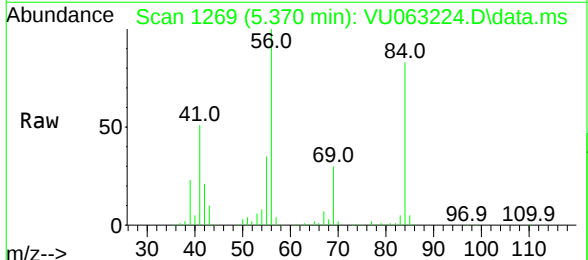
Manual Integrations
APPROVED

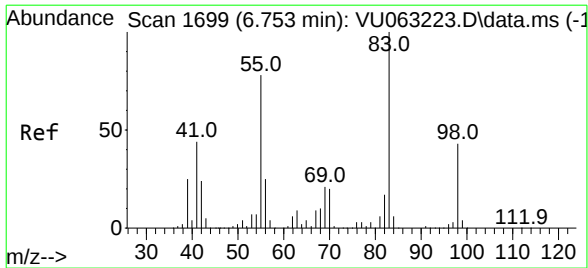
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#19
Cyclohexane
Concen: 15.729 ug/l m
RT: 5.370 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

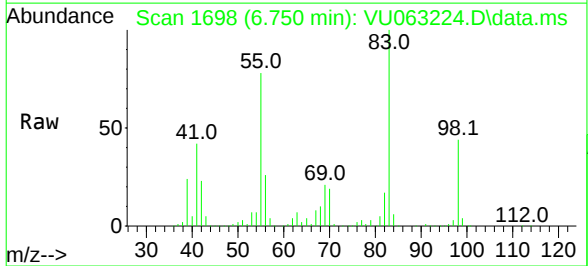
Tgt Ion: 56 Resp: 400586
Ion Ratio Lower Upper
56 100
69 30.3 24.5 36.7
84 81.7 65.2 97.8





#20
Methylcyclohexane
Concen: 15.795 ug/l
RT: 6.750 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

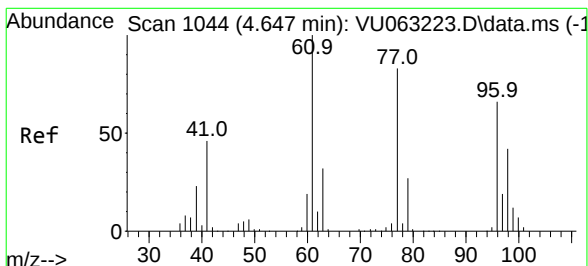
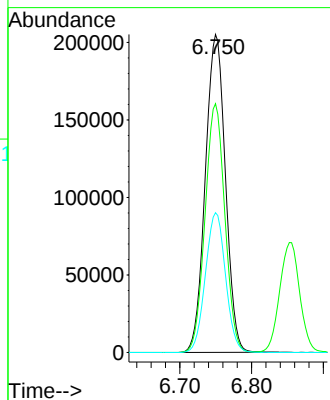
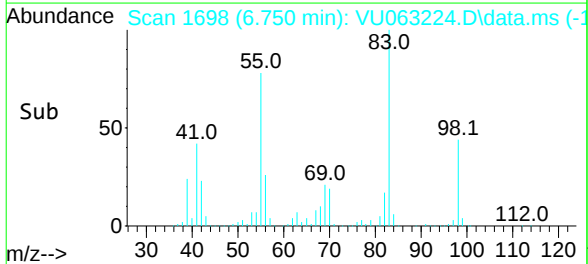
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion: 83 Resp: 398925
Ion Ratio Lower Upper
83 100
55 77.0 63.1 94.7
98 44.1 35.2 52.8

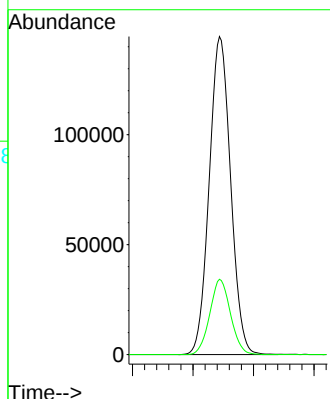
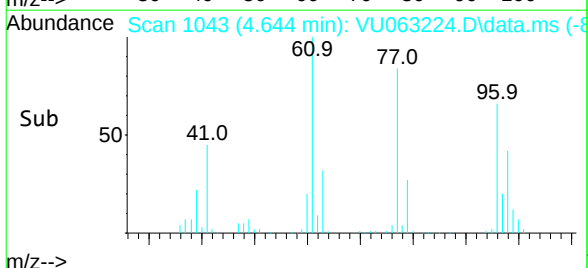
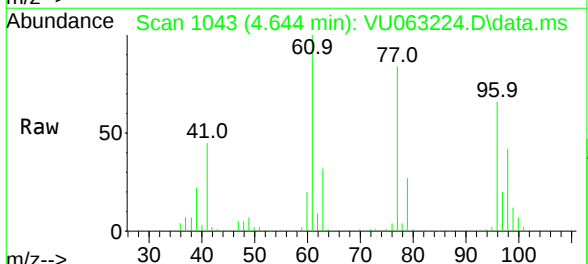
Manual Integrations
APPROVED

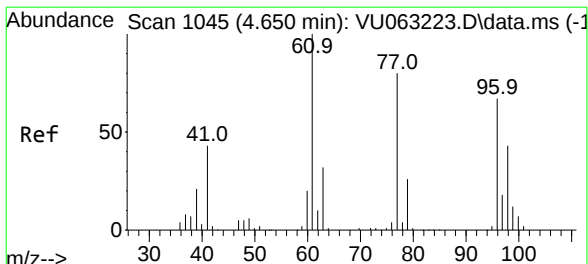
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#21
2,2-Dichloropropane
Concen: 14.352 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. -0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

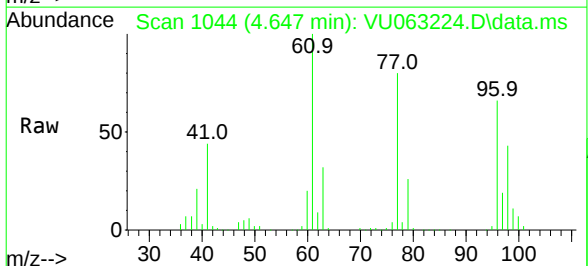
Tgt Ion: 77 Resp: 354900
Ion Ratio Lower Upper
77 100
97 22.9 18.5 27.7





#22
 cis-1,2-Dichloroethene
 Concen: 14.861 ug/l
 RT: 4.647 min Scan# 1045
 Delta R.T. -0.003 min
 Lab File: VU063224.D
 Acq: 10 Feb 2025 15:33

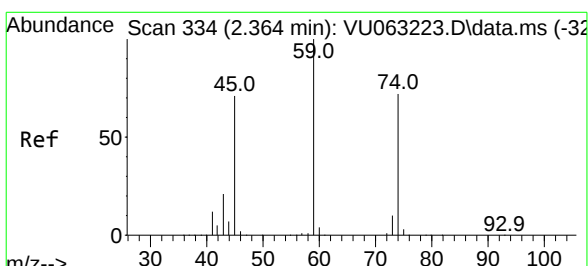
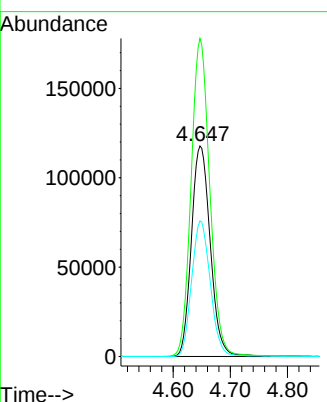
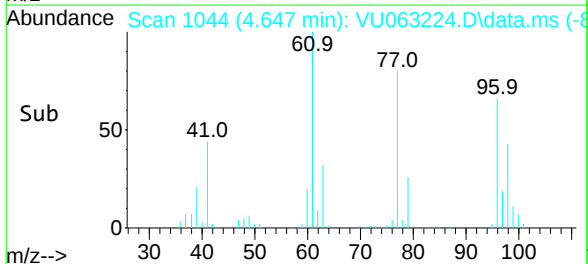
Instrument : MSVOA_U
 ClientSampleId : VSTDICC015



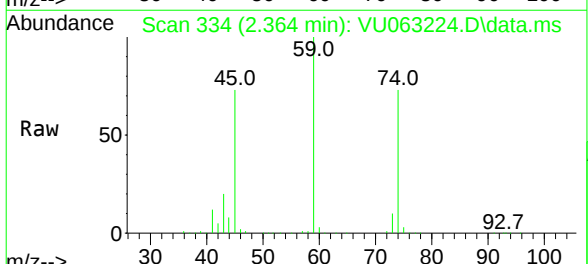
Tgt Ion: 96 Resp: 270006

Ion	Ratio	Lower	Upper
96	100		
61	149.6	0.0	373.3
98	63.7	31.9	95.9

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

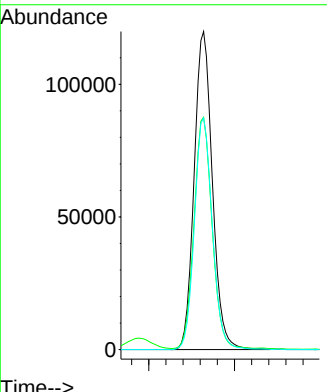
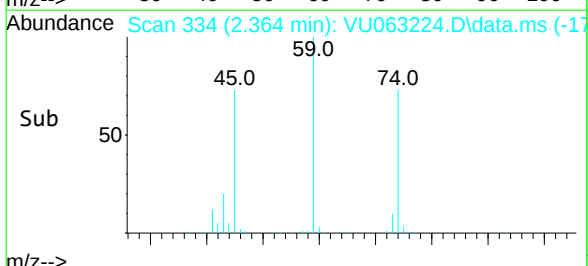


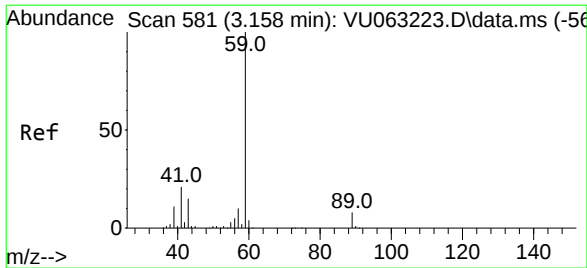
#23
 Diethyl Ether
 Concen: 14.007 ug/l
 RT: 2.364 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VU063224.D
 Acq: 10 Feb 2025 15:33



Tgt Ion: 59 Resp: 177089

Ion	Ratio	Lower	Upper
59	100		
45	71.8	57.8	86.6
74	71.8	57.7	86.5





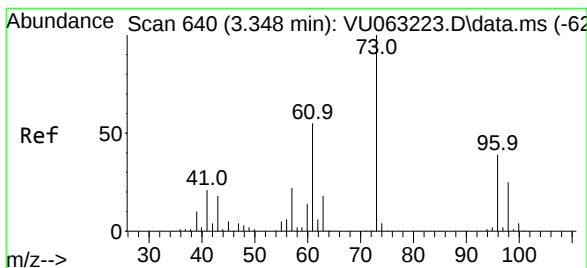
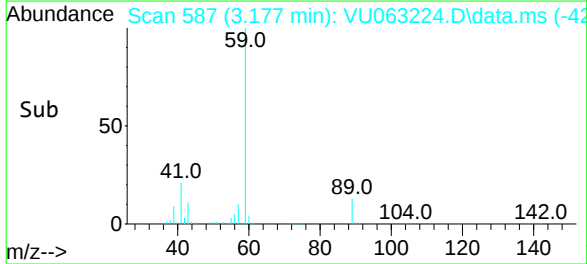
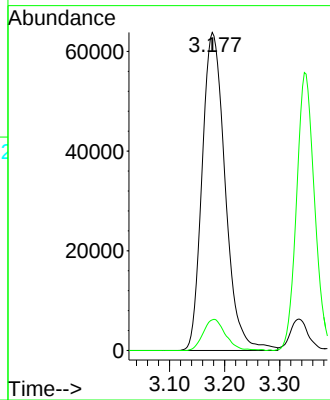
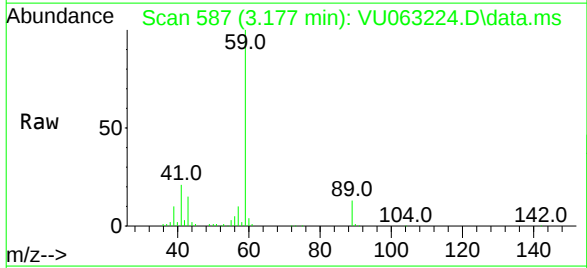
#24
tert-Butyl Alcohol
Concen: 146.971 ug/l
RT: 3.177 min Scan# 581
Delta R.T. 0.019 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion: 59 Resp: 185785
Ion Ratio Lower Upper
59 100
57 9.5 7.5 11.3

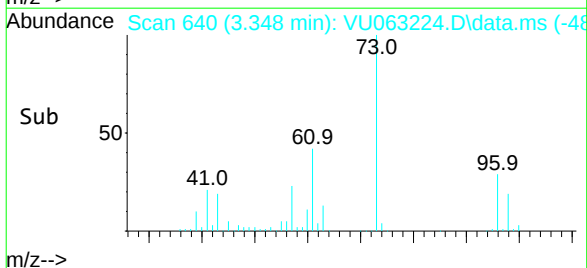
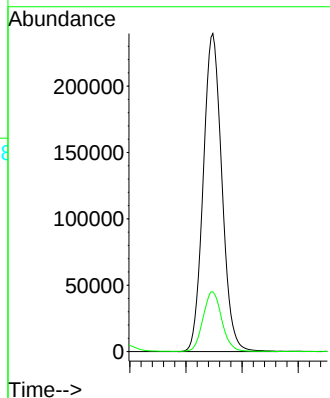
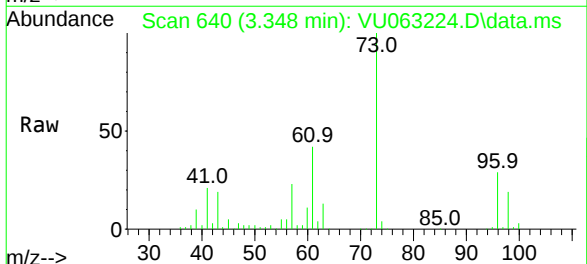
Manual Integrations
APPROVED

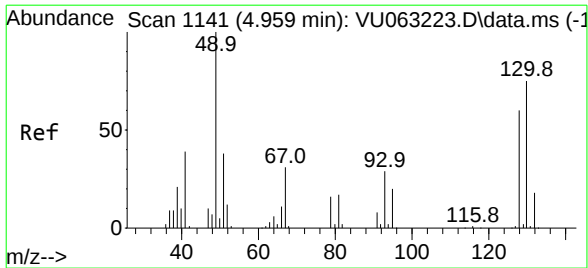
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#25
Methyl tert-Butyl Ether
Concen: 15.037 ug/l
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

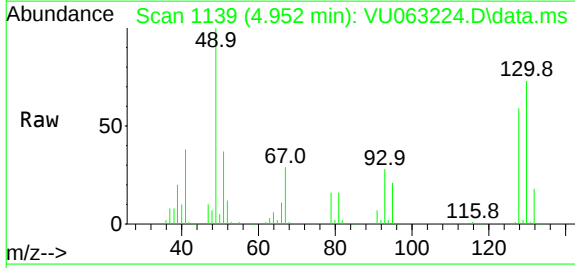
Tgt Ion: 73 Resp: 553339
Ion Ratio Lower Upper
73 100
43 18.9 14.9 22.3





#26
Bromochloromethane
Concen: 14.257 ug/l
RT: 4.952 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

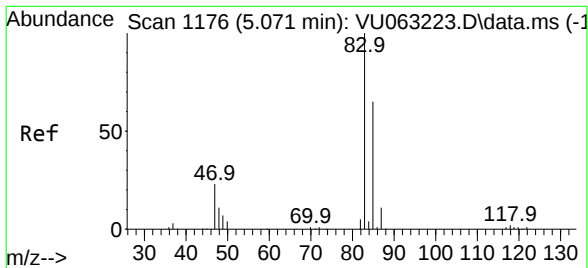
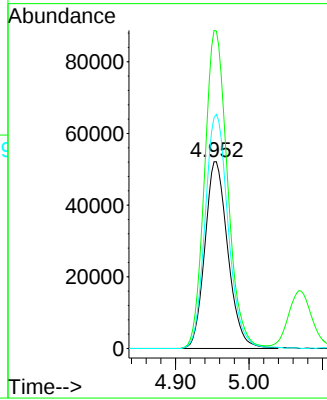
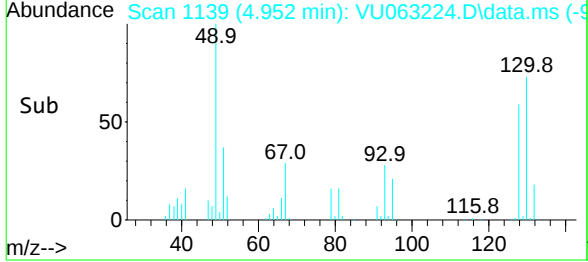
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 128 Resp: 113229
Ion Ratio Lower Upper
128 100
49 170.1 0.0 343.4
130 126.0 102.9 154.3

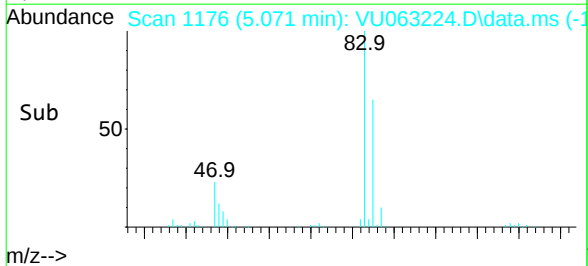
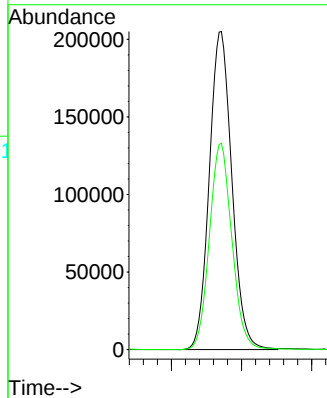
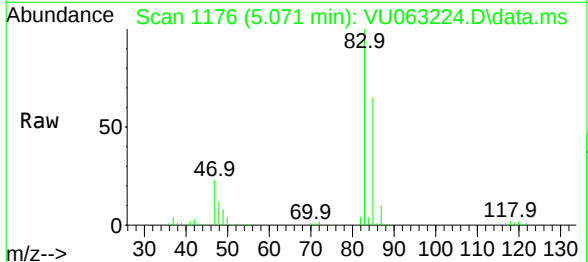
Manual Integrations
APPROVED

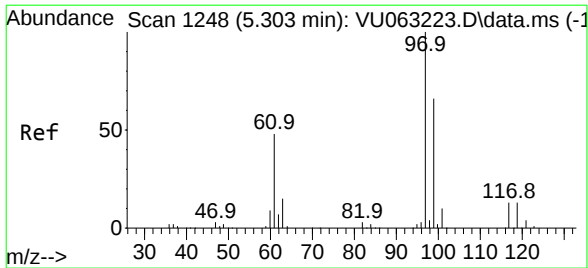
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#27
Chloroform
Concen: 14.316 ug/l
RT: 5.071 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Tgt Ion: 83 Resp: 457911
Ion Ratio Lower Upper
83 100
85 64.9 0.0 129.8





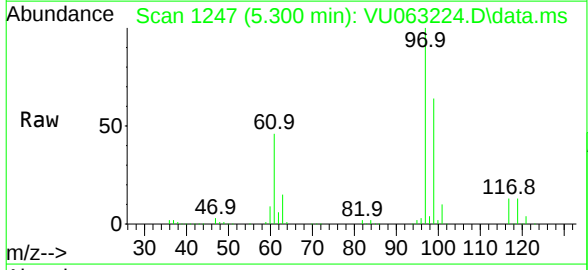
#28
 1,1,1-Trichloroethane
 Concen: 14.428 ug/l
 RT: 5.300 min Scan# 1247
 Delta R.T. -0.003 min
 Lab File: VU063224.D
 Acq: 10 Feb 2025 15:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015



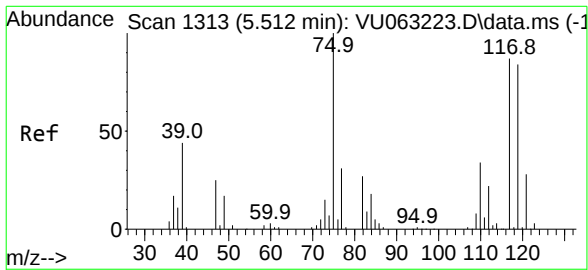
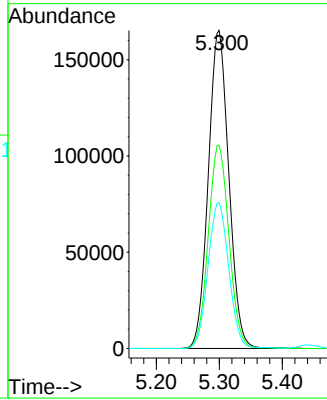
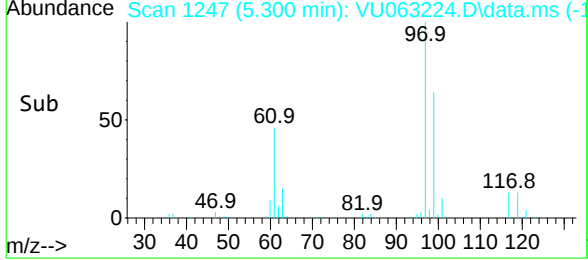
Tgt Ion:	97	Resp:	373842
Ion	Ratio	Lower	Upper
97	100		
99	64.4	32.4	97.0
61	46.5	23.8	71.2

Manual Integrations

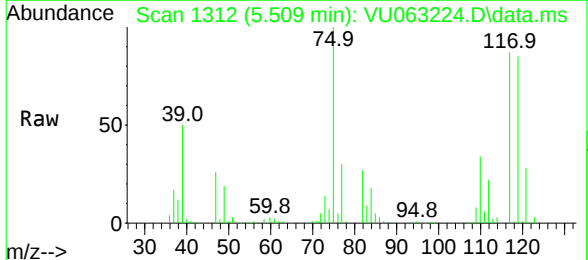
APPROVED

Reviewed By :Amit Patel 02/12/2025

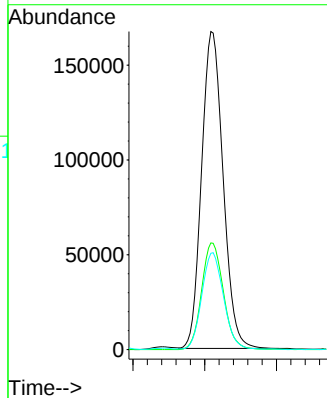
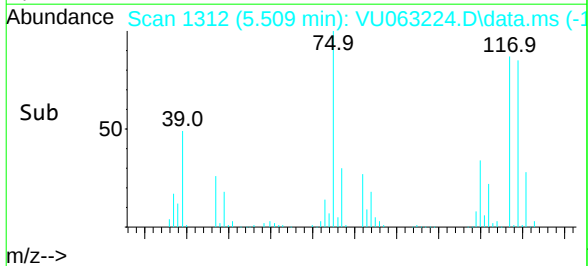
Supervised By :Mahesh Dadoda 02/12/2025

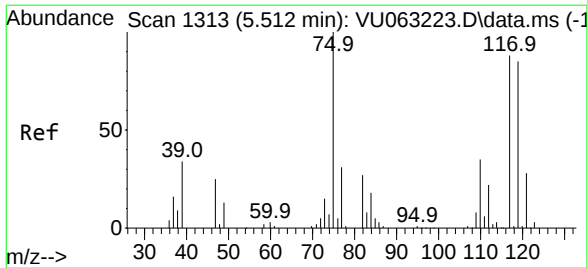


#29
 1,1-Dichloropropene
 Concen: 14.983 ug/l
 RT: 5.509 min Scan# 1312
 Delta R.T. -0.003 min
 Lab File: VU063224.D
 Acq: 10 Feb 2025 15:33



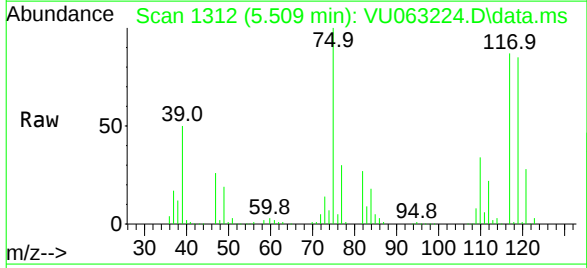
Tgt Ion:	75	Resp:	347711
Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.2	51.5
77	30.5	24.6	37.0





#30
Carbon Tetrachloride
Concen: 14.448 ug/l
RT: 5.509 min Scan# 1313
Delta R.T. -0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

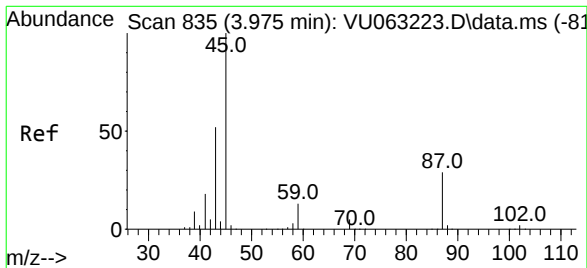
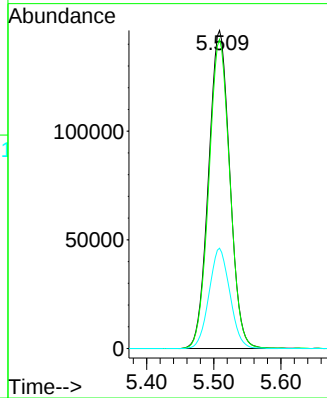
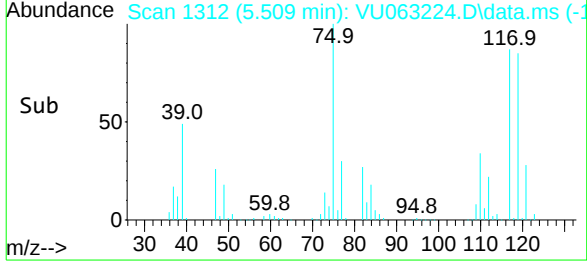
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion:117 Resp: 321059
Ion Ratio Lower Upper
117 100
119 97.2 76.7 115.1
121 31.5 25.5 38.3

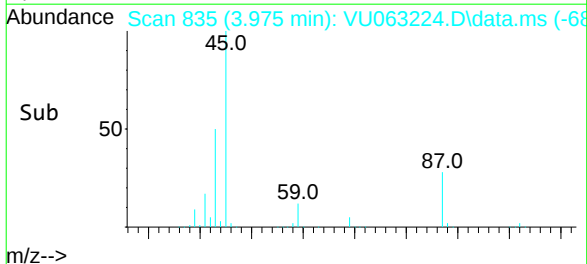
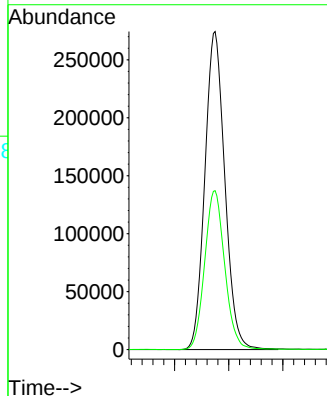
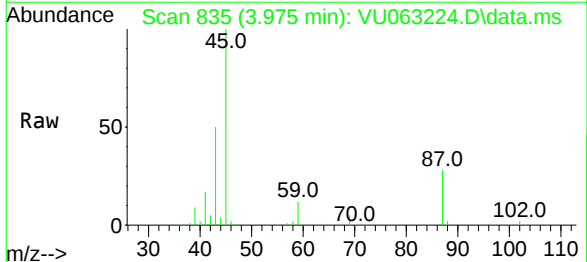
Manual Integrations
APPROVED

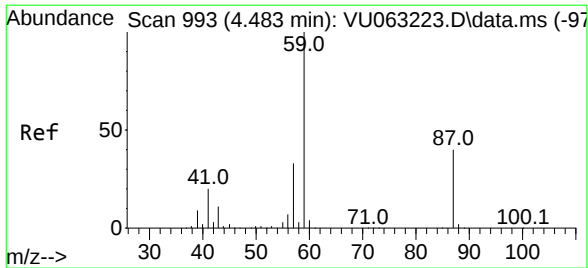
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#31
Isopropyl Ether
Concen: 15.547 ug/l
RT: 3.975 min Scan# 835
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

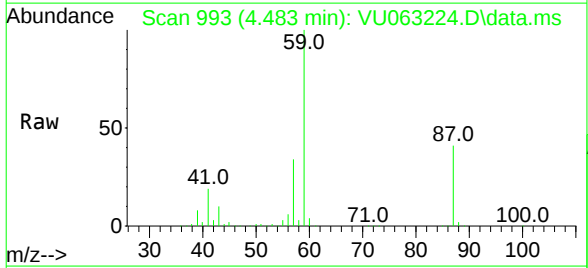
Tgt Ion: 45 Resp: 703540
Ion Ratio Lower Upper
45 100
43 50.1 25.7 77.1





#32
Ethyl-t-butyl ether
Concen: 15.784 ug/l
RT: 4.483 min Scan# 99
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

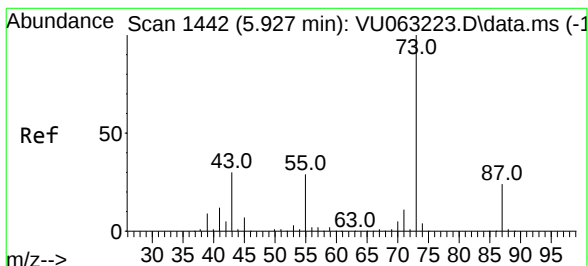
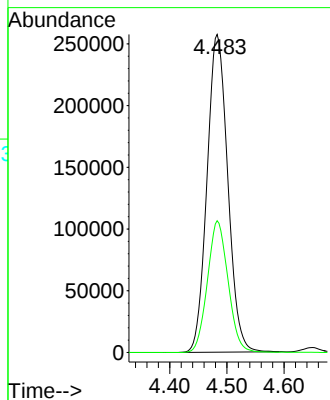
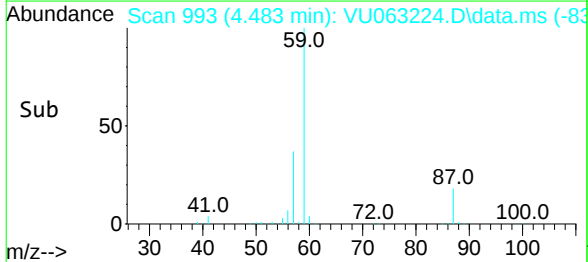
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion: 59 Resp: 649553
Ion Ratio Lower Upper
59 100
87 41.1 32.6 49.0

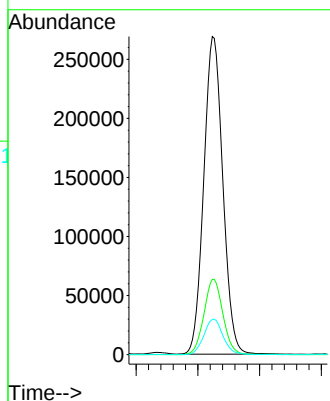
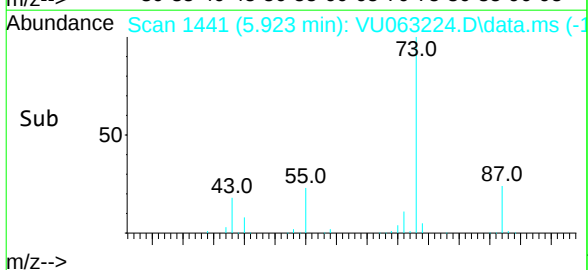
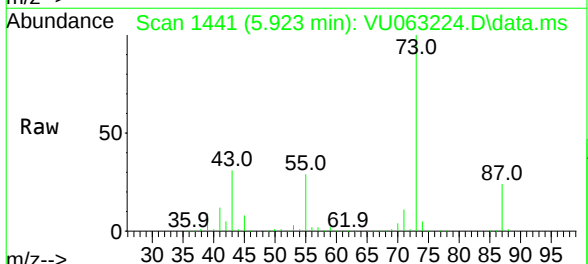
Manual Integrations
APPROVED

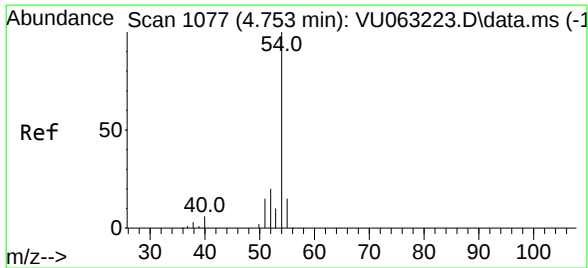
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#33
Tert-Amyl methyl ether
Concen: 16.013 ug/l
RT: 5.923 min Scan# 1441
Delta R.T. -0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

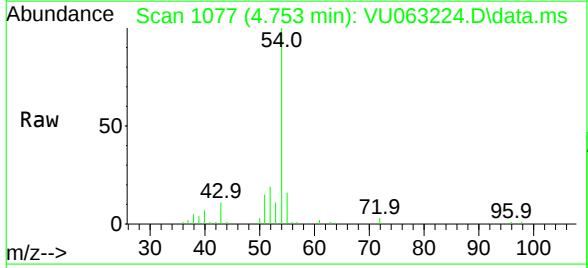
Tgt Ion: 73 Resp: 575729
Ion Ratio Lower Upper
73 100
87 23.5 18.9 28.3
71 11.3 9.0 13.4





#34
 Propionitrile
 Concen: 78.746 ug/l
 RT: 4.753 min Scan# 1077
 Delta R.T. -0.000 min
 Lab File: VU063224.D
 Acq: 10 Feb 2025 15:33

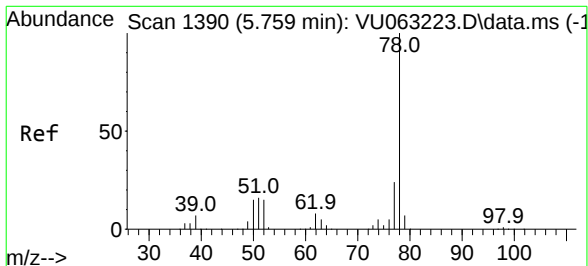
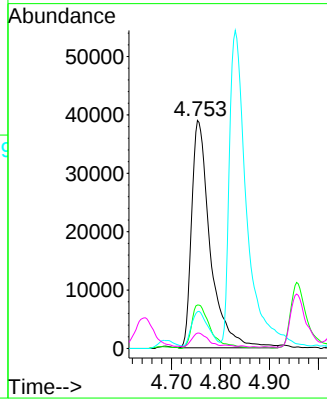
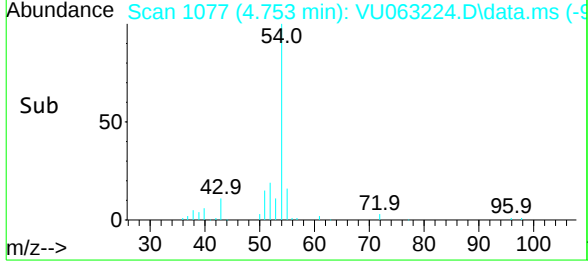
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015



Tgt Ion	Ratio	Lower	Upper
54	100		
52	19.3	16.3	24.5
55	14.7	11.8	17.6
40	5.1	4.3	6.5

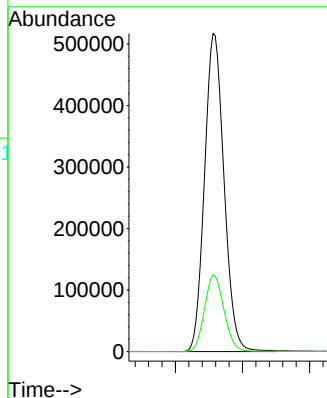
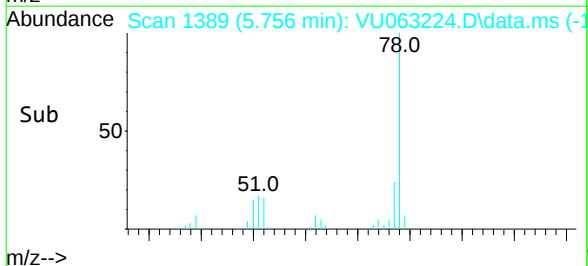
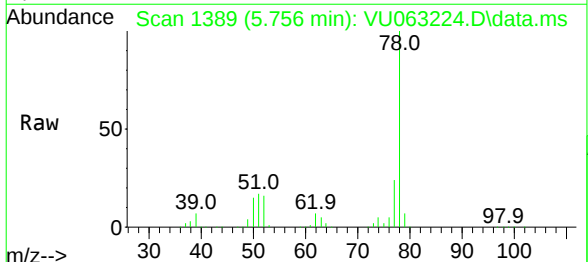
Manual Integrations
 APPROVED

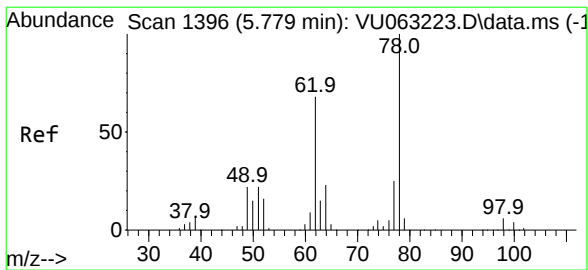
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#35
 Benzene
 Concen: 14.641 ug/l
 RT: 5.756 min Scan# 1389
 Delta R.T. -0.003 min
 Lab File: VU063224.D
 Acq: 10 Feb 2025 15:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.4





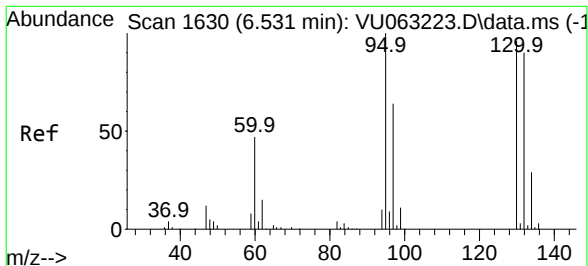
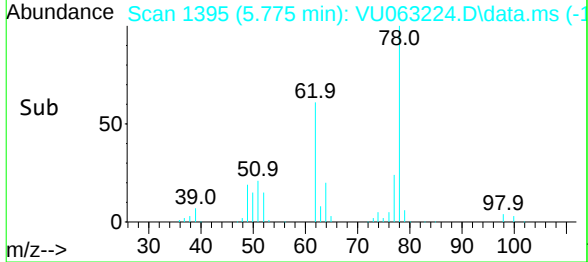
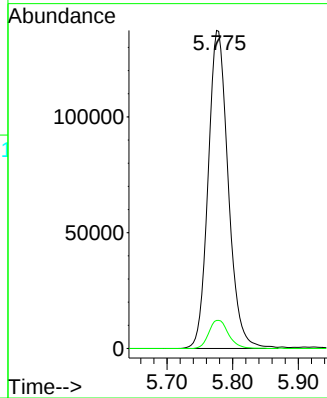
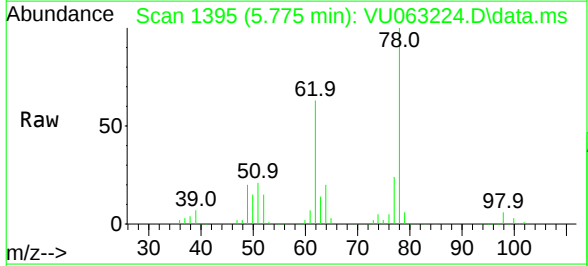
#36
1,2-Dichloroethane
Concen: 14.170 ug/l
RT: 5.775 min Scan# 1395
Delta R.T. -0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion: 62 Resp: 291840
Ion Ratio Lower Upper
62 100
98 8.7 6.9 10.3

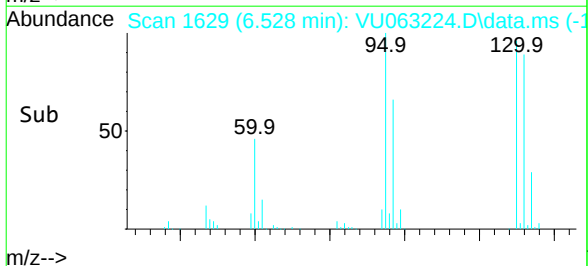
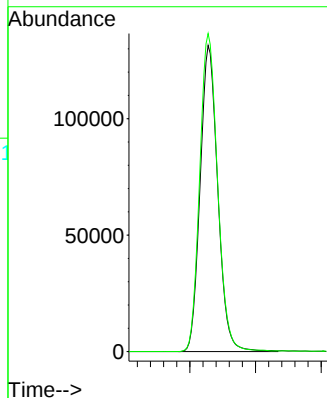
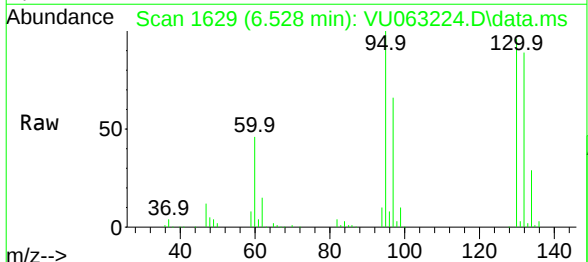
Manual Integrations
APPROVED

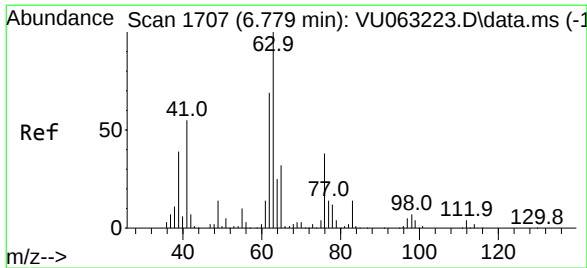
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#37
Trichloroethene
Concen: 14.424 ug/l
RT: 6.528 min Scan# 1629
Delta R.T. -0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Tgt Ion:130 Resp: 244774
Ion Ratio Lower Upper
130 100
95 103.9 83.2 124.8





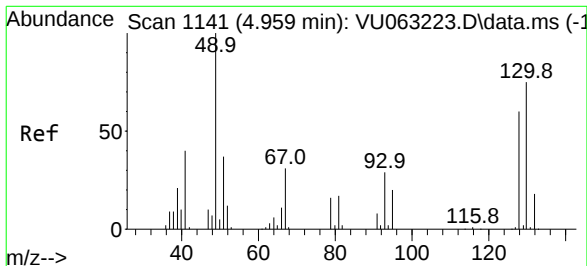
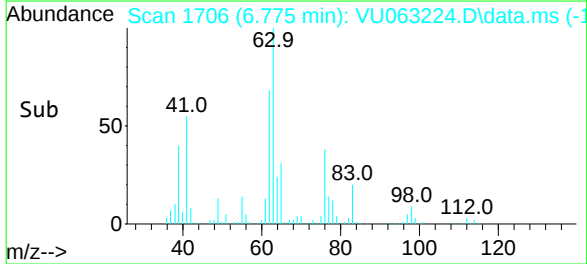
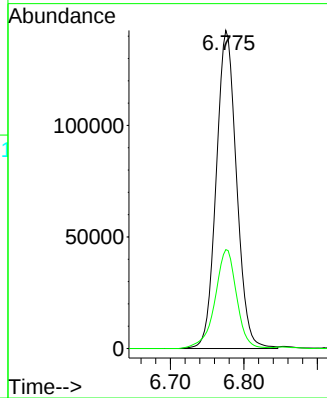
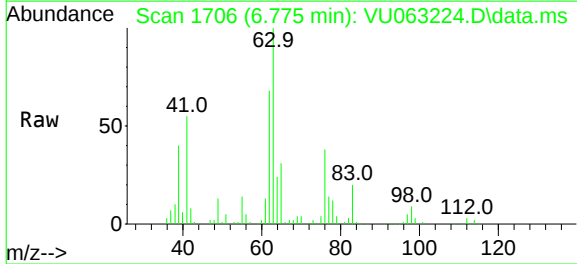
#38
1,2-Dichloropropane
Concen: 14.653 ug/l
RT: 6.775 min Scan# 1707
Delta R.T. -0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 63 Resp: 273676
Ion Ratio Lower Upper
63 100
65 31.1 25.3 37.9

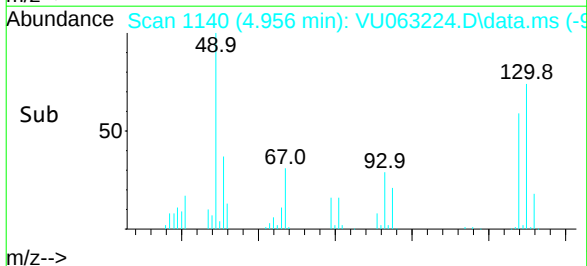
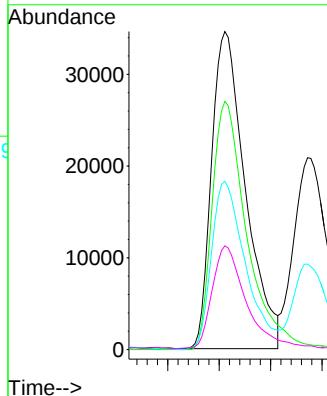
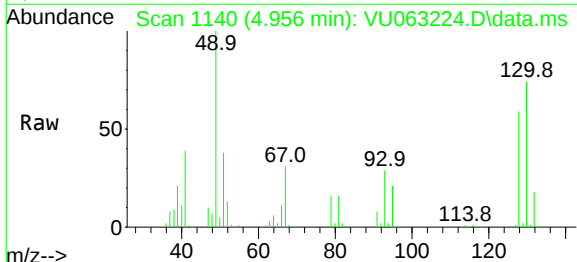
Manual Integrations
APPROVED

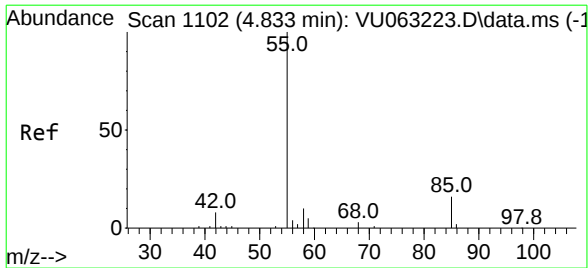
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#39
Methacrylonitrile
Concen: 16.908 ug/l
RT: 4.956 min Scan# 1140
Delta R.T. -0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

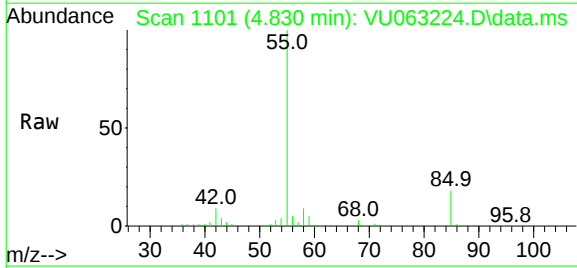
Tgt Ion: 41 Resp: 79040
Ion Ratio Lower Upper
41 100
67 80.5 64.5 96.7
39 53.2 43.0 64.6
52 32.7 25.3 37.9





#40
Methyl acrylate
Concen: 15.616 ug/l
RT: 4.830 min Scan# 1102
Delta R.T. -0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

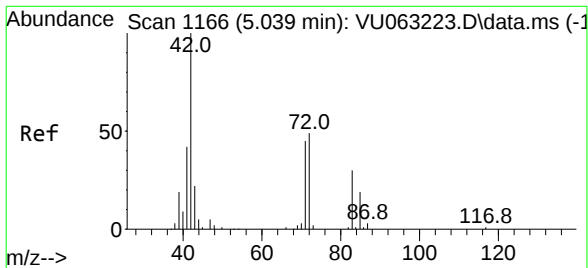
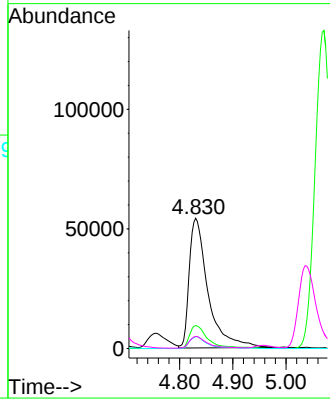
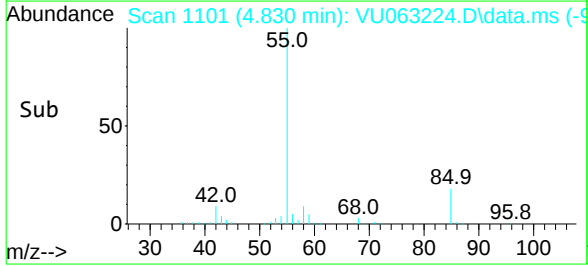
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



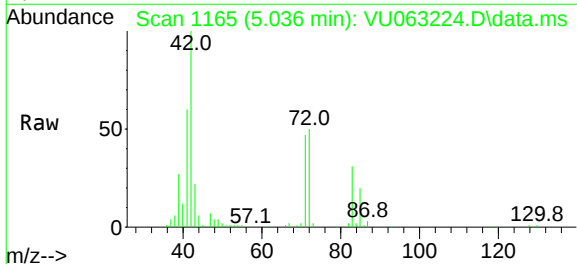
Tgt Ion: 55 Resp: 133276
Ion Ratio Lower Upper
55 100
85 17.1 13.3 19.9
58 8.6 7.3 10.9
42 8.6 6.9 10.3

Manual Integrations
APPROVED

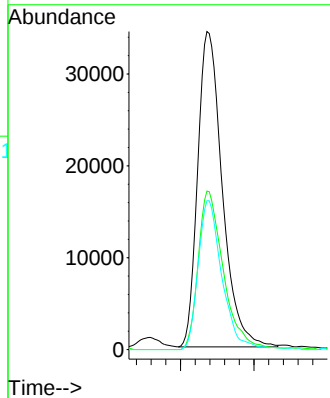
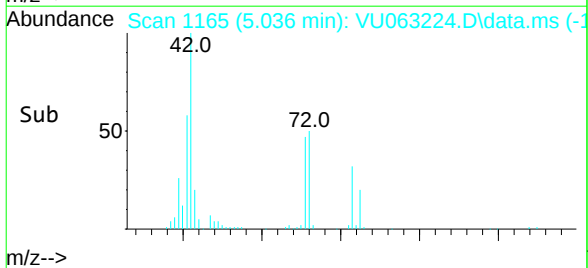
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

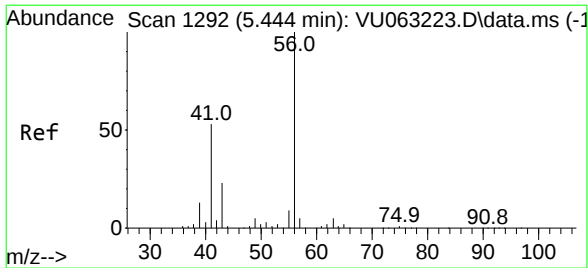


#41
Tetrahydrofuran
Concen: 29.065 ug/l
RT: 5.036 min Scan# 1165
Delta R.T. -0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33



Tgt Ion: 42 Resp: 79845
Ion Ratio Lower Upper
42 100
72 51.6 41.5 62.3
71 45.6 37.2 55.8





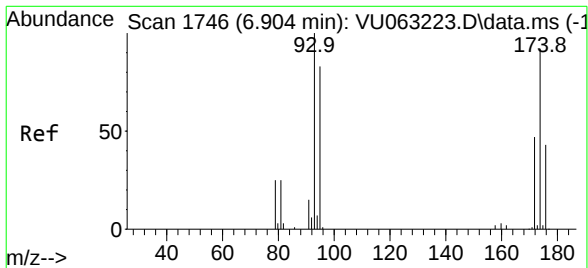
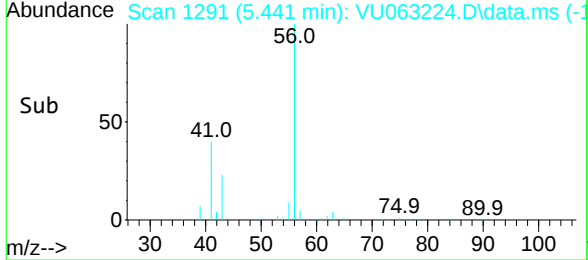
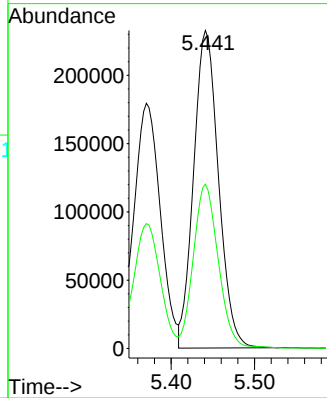
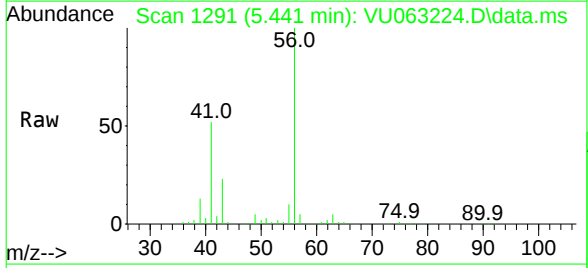
#42
1-Chlorobutane
Concen: 15.153 ug/l
RT: 5.441 min Scan# 1291
Delta R.T. -0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion: 56 Resp: 481169
Ion Ratio Lower Upper
56 100
41 51.7 26.3 78.8

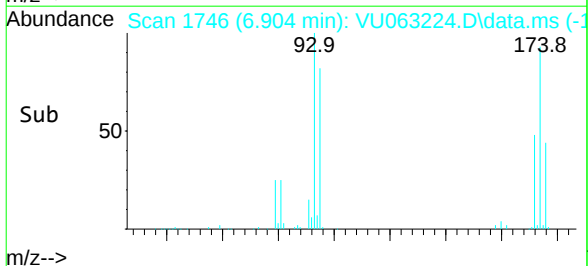
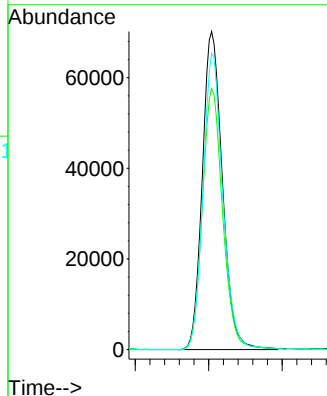
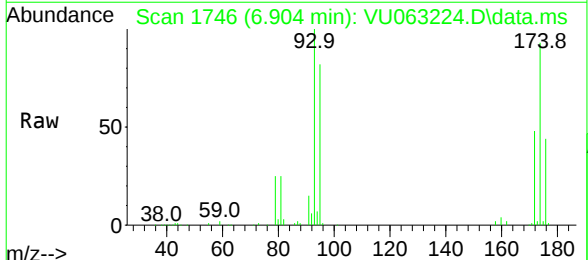
Manual Integrations
APPROVED

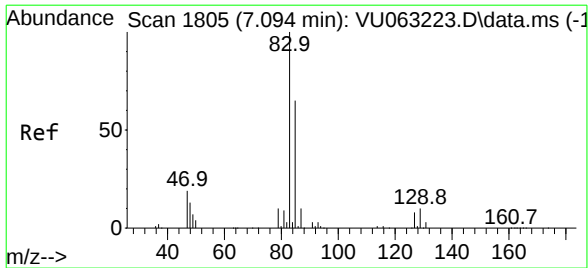
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#43
Dibromomethane
Concen: 14.114 ug/l
RT: 6.904 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Tgt Ion: 93 Resp: 133485
Ion Ratio Lower Upper
93 100
95 82.7 67.2 100.8
174 91.6 75.7 113.5





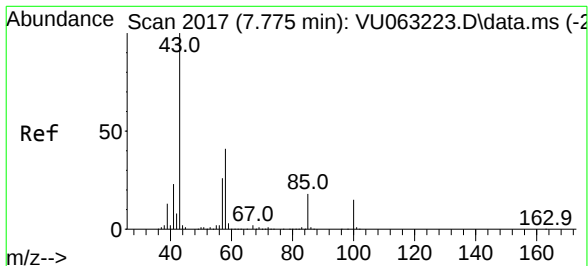
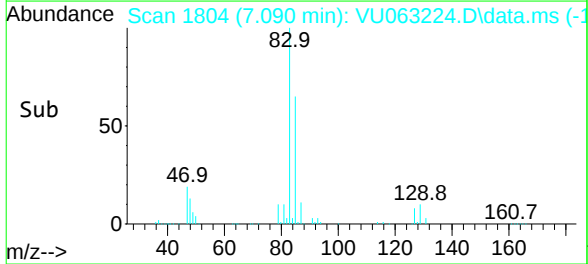
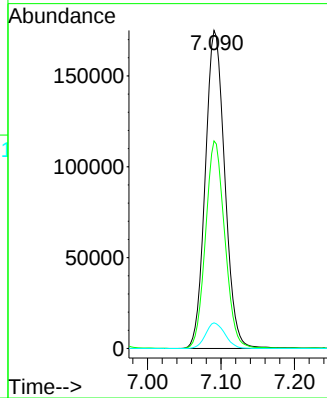
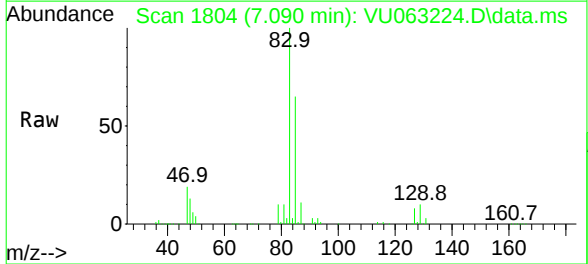
#44
Bromodichloromethane
Concen: 14.680 ug/l
RT: 7.090 min Scan# 18
Delta R.T. -0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 83	Resp: 323143
Ion Ratio	Lower Upper
83 100	
85 65.3	51.7 77.5
127 8.1	6.7 10.1

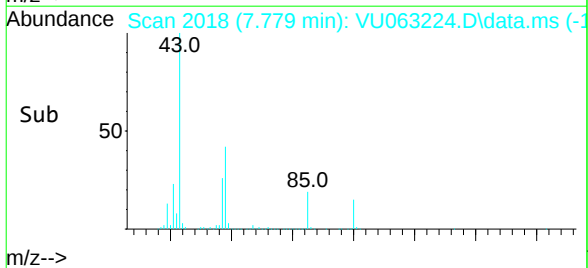
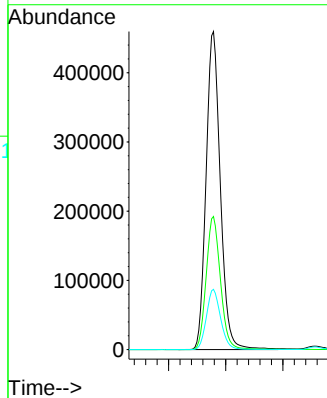
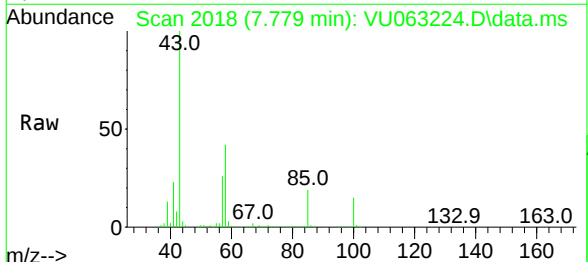
Manual Integrations
APPROVED

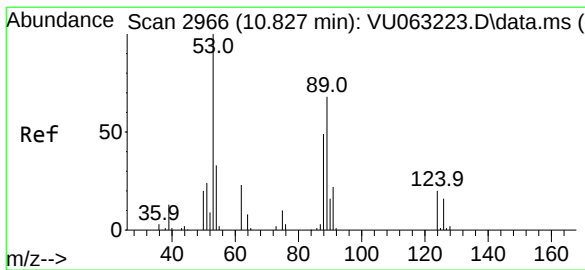
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#45
4-Methyl-2-Pentanone
Concen: 80.129 ug/l
RT: 7.779 min Scan# 2018
Delta R.T. 0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

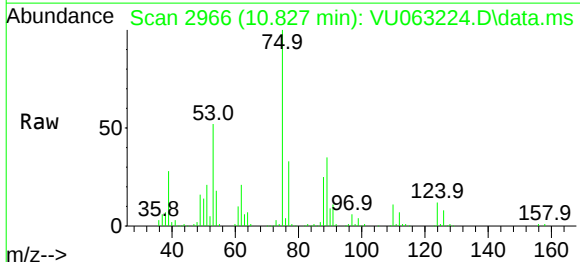
Tgt Ion: 43	Resp: 794494
Ion Ratio	Lower Upper
43 100	
58 42.1	20.8 62.5
85 19.0	14.8 22.2





#46
t-1,4-Dichloro-2-butene
Concen: 29.213 ug/l m
RT: 10.827 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

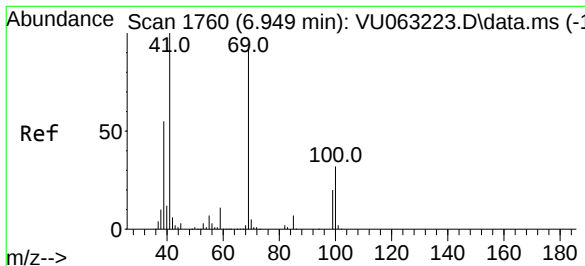
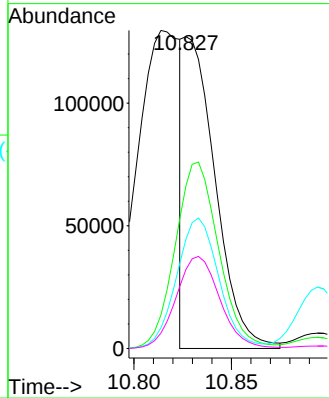
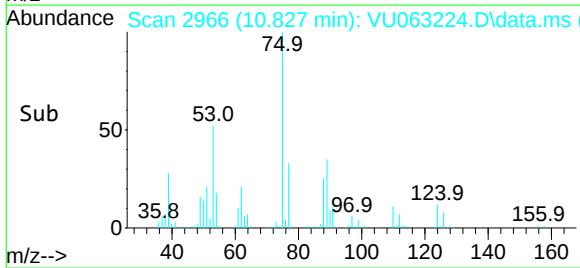
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



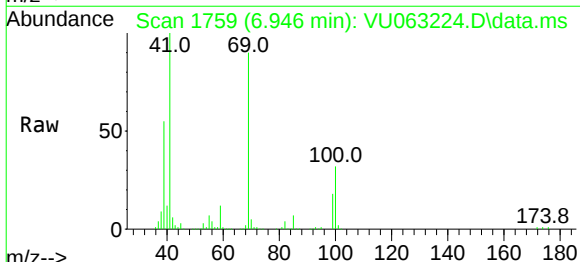
Tgt Ion	Ratio	Lower	Upper
75	100		
53	82.4	64.5	96.7
89	56.3	43.4	65.2
88	41.1	31.2	46.8

Manual Integrations
APPROVED

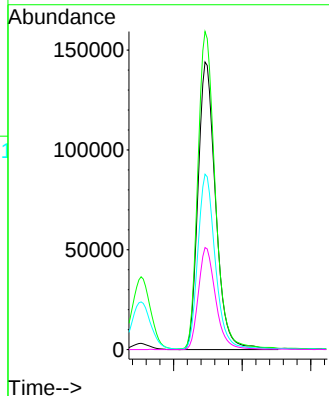
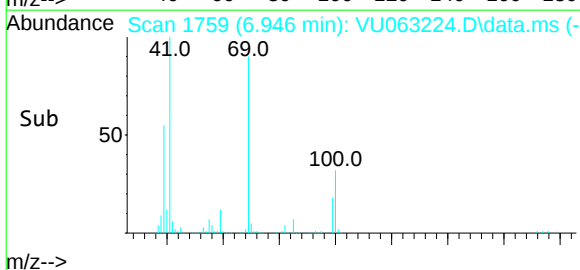
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

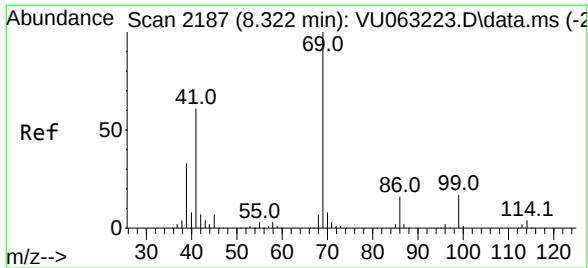


#47
Methyl methacrylate
Concen: 32.232 ug/l
RT: 6.946 min Scan# 1759
Delta R.T. -0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33



Tgt Ion	Ratio	Lower	Upper
69	100		
41	108.6	0.0	217.0
39	59.9	47.7	71.5
100	34.7	27.4	41.0





#48

Ethyl methacrylate

Concen: 17.244 ug/l

RT: 8.322 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VU063224.D

Acq: 10 Feb 2025 15:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 69 Resp: 257931

Ion Ratio Lower Upper

69 100

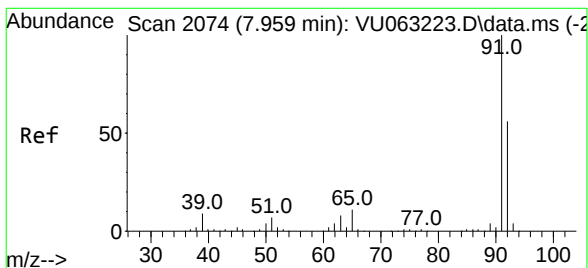
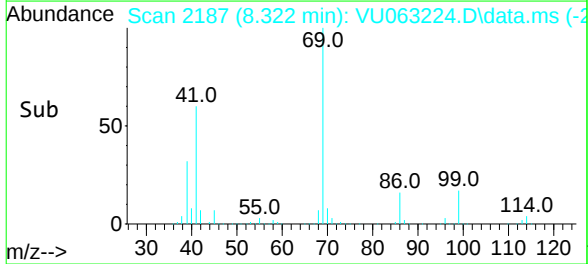
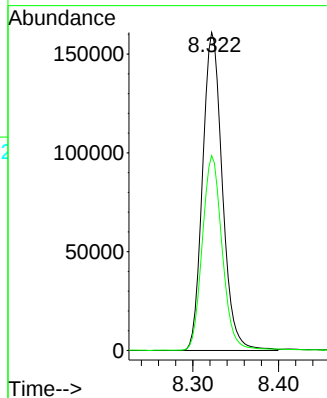
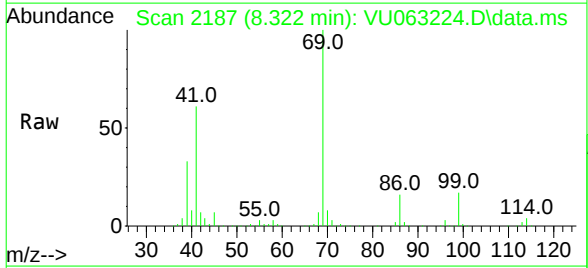
41 61.3 30.6 92.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#49

Toluene

Concen: 15.549 ug/l

RT: 7.955 min Scan# 2073

Delta R.T. -0.003 min

Lab File: VU063224.D

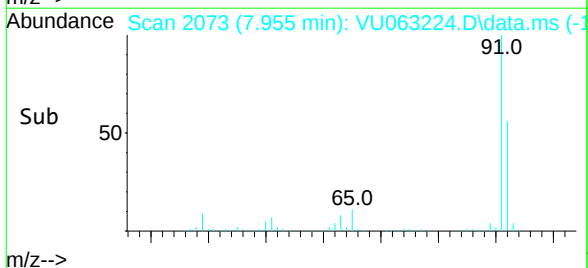
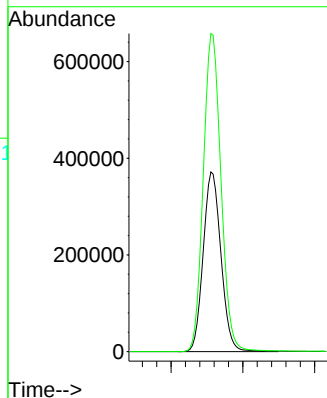
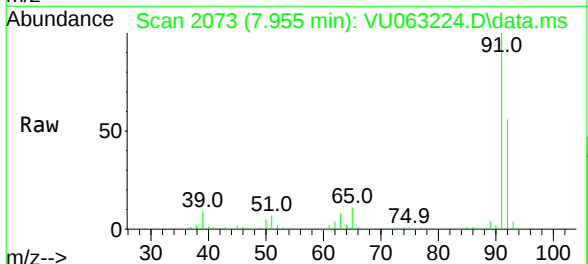
Acq: 10 Feb 2025 15:33

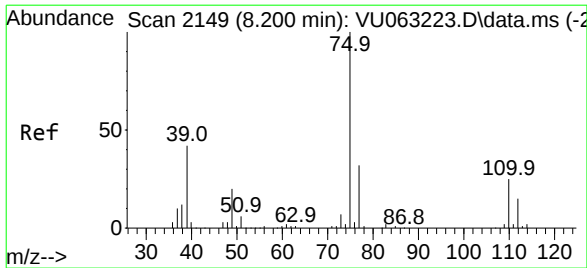
Tgt Ion: 92 Resp: 638079

Ion Ratio Lower Upper

92 100

91 177.1 141.8 212.6





#50

t-1,3-Dichloropropene

Concen: 15.891 ug/l

RT: 8.197 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063224.D

Acq: 10 Feb 2025 15:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 75 Resp: 320246

Ion Ratio Lower Upper

75 100

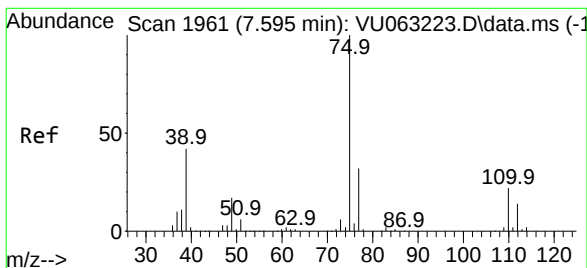
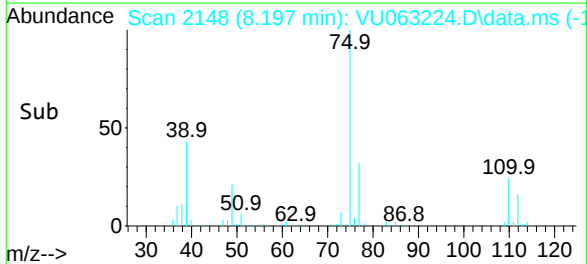
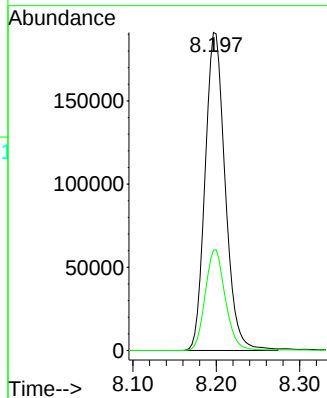
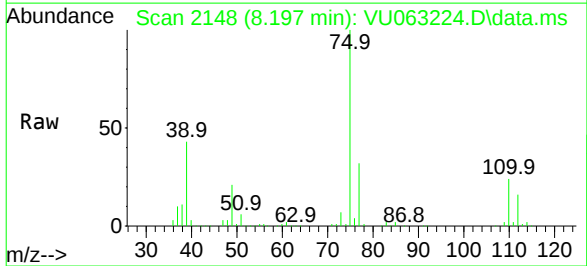
77 31.6 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#51

cis-1,3-Dichloropropene

Concen: 15.527 ug/l

RT: 7.595 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VU063224.D

Acq: 10 Feb 2025 15:33

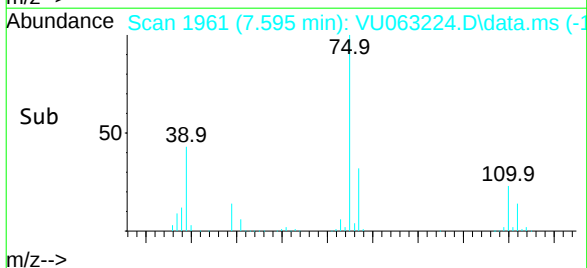
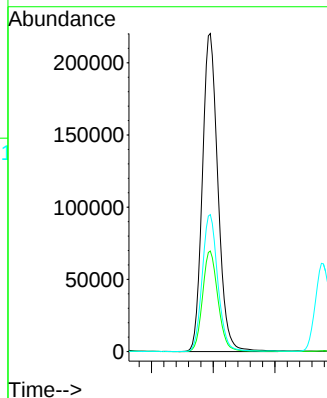
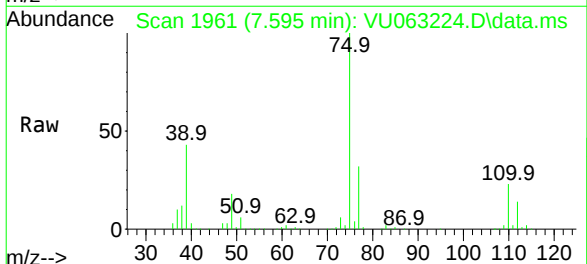
Tgt Ion: 75 Resp: 386542

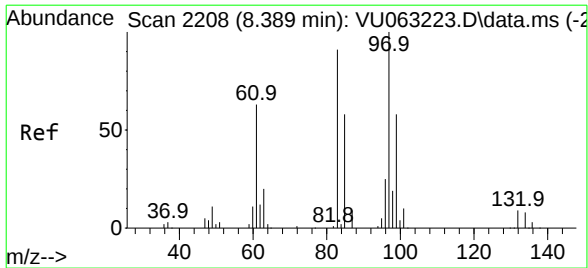
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

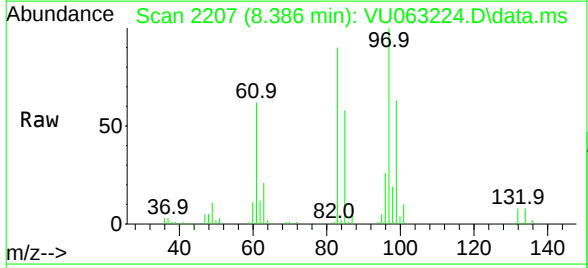
39 43.0 33.5 50.3





#52
1,1,2-Trichloroethane
Concen: 14.598 ug/l
RT: 8.386 min Scan# 2208
Delta R.T. -0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

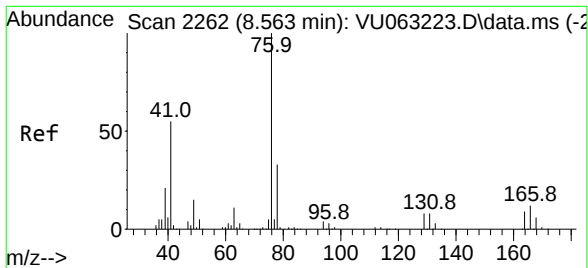
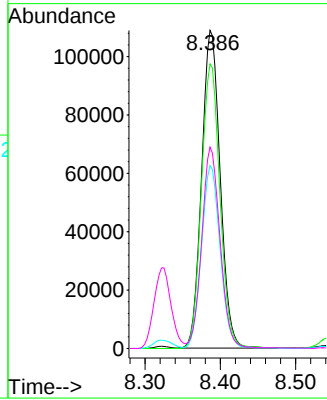
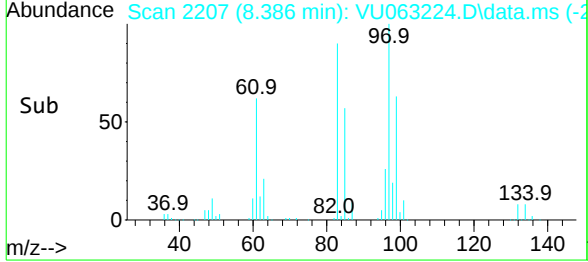
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



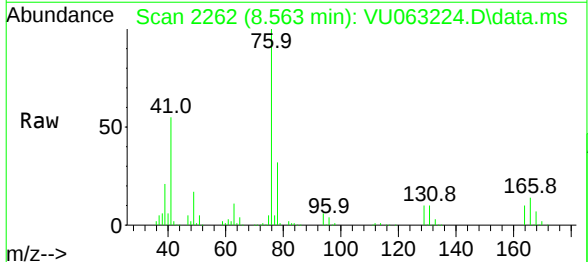
Tgt Ion: 97 Resp: 186154
Ion Ratio Lower Upper
97 100
83 89.6 73.0 109.4
85 57.5 46.3 69.5
99 63.2 48.5 72.7

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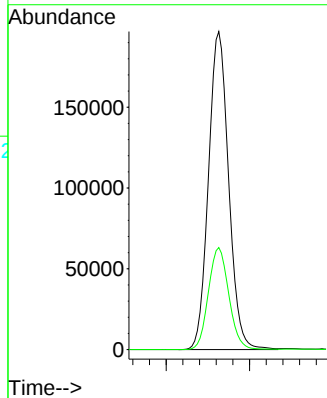
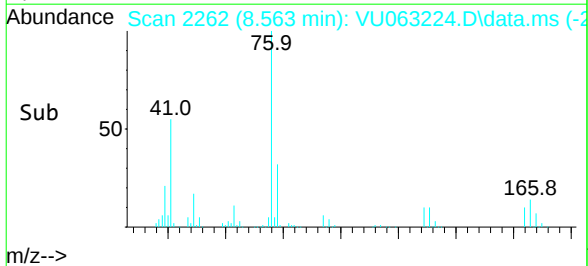
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

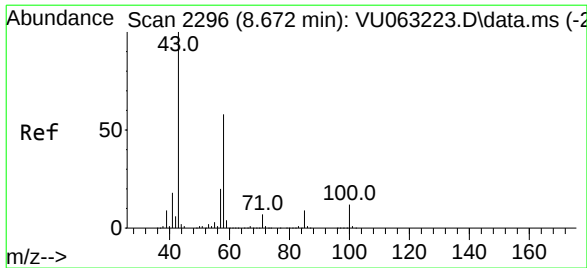


#53
1,3-Dichloropropane
Concen: 14.594 ug/l
RT: 8.563 min Scan# 2262
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33



Tgt Ion: 76 Resp: 330381
Ion Ratio Lower Upper
76 100
78 32.6 26.3 39.5





#54

2-Hexanone

Concen: 82.409 ug/l

RT: 8.672 min Scan# 2296

Delta R.T. -0.000 min

Lab File: VU063224.D

Acq: 10 Feb 2025 15:33

Instrument :

MSVOA_U

ClientSampleId :

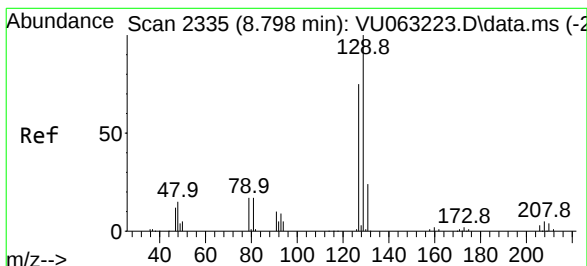
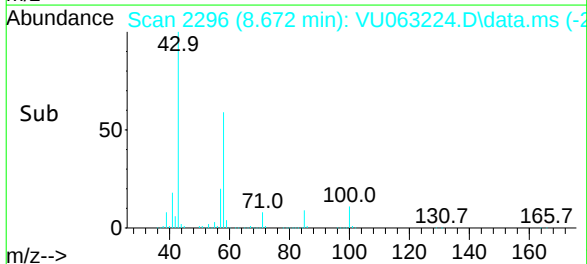
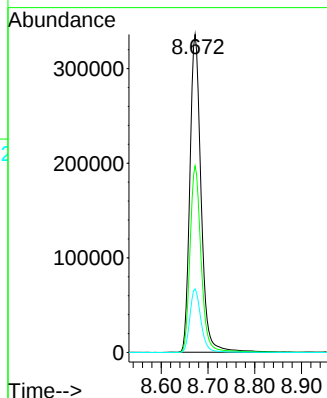
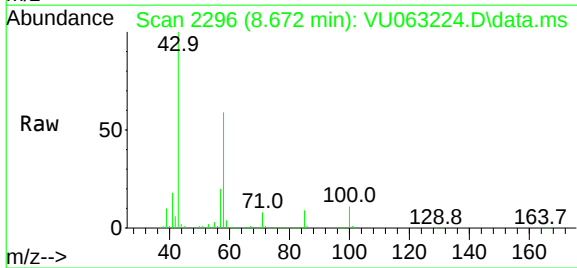
VSTDICC015

Tgt Ion: 43 Resp: 557608
 Ion Ratio Lower Upper
 43 100
 58 58.4 38.0 78.0
 57 19.8 0.0 39.1

Manual Integrations
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Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#55

Dibromochloromethane

Concen: 14.939 ug/l

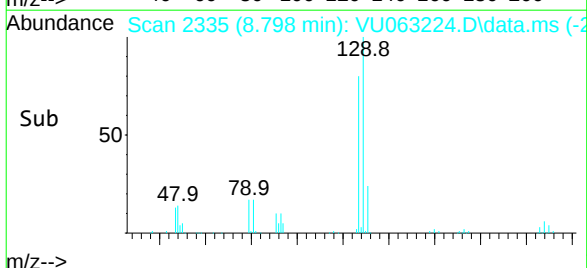
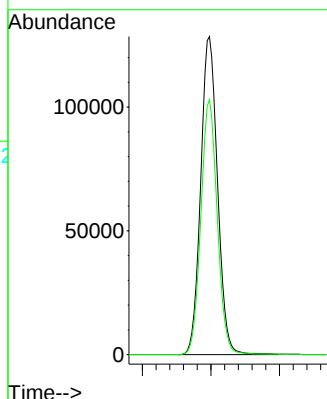
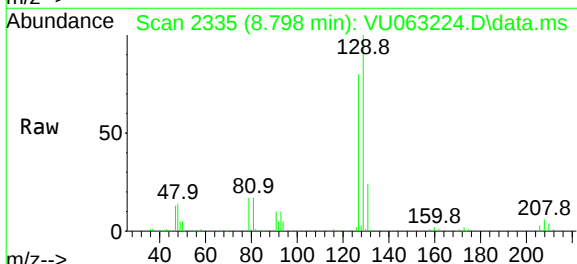
RT: 8.798 min Scan# 2335

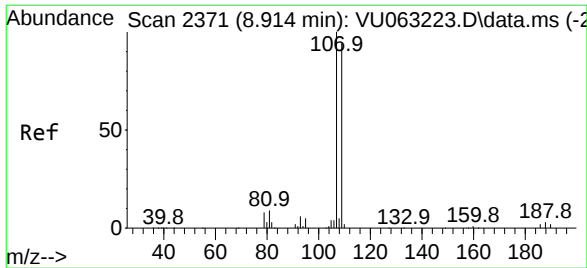
Delta R.T. -0.000 min

Lab File: VU063224.D

Acq: 10 Feb 2025 15:33

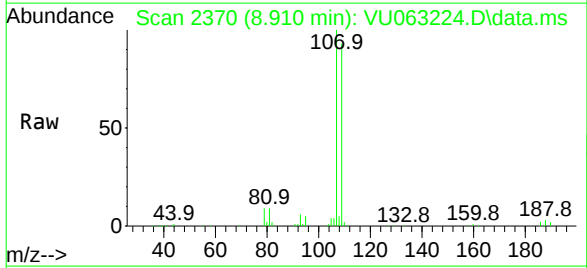
Tgt Ion:129 Resp: 219151
 Ion Ratio Lower Upper
 129 100
 127 78.2 60.4 90.6





#56
1,2-Dibromoethane
Concen: 14.932 ug/l
RT: 8.910 min Scan# 2371
Delta R.T. -0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

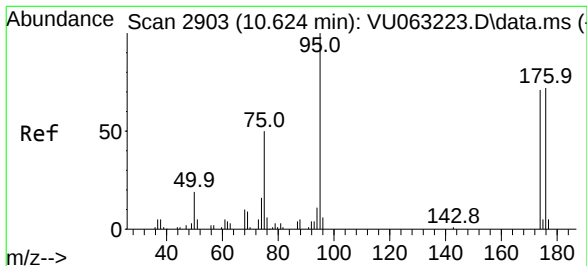
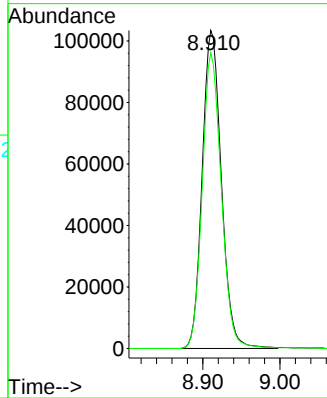
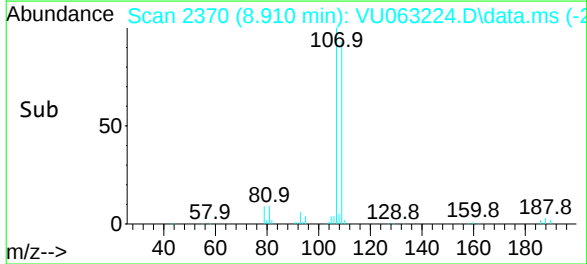
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion: 107 Resp: 178579
Ion Ratio Lower Upper
107 100
109 92.5 0.0 187.8

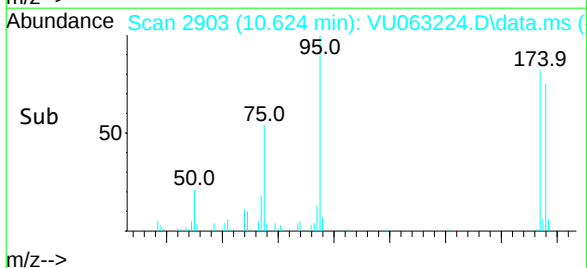
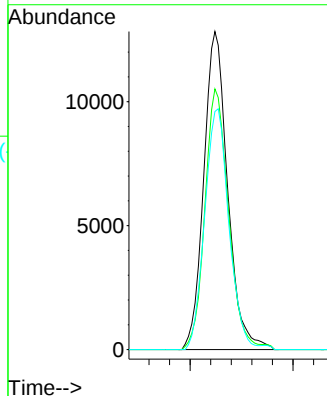
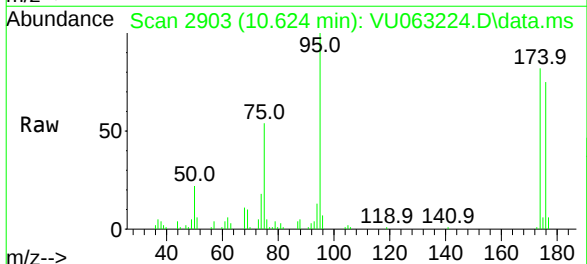
Manual Integrations
APPROVED

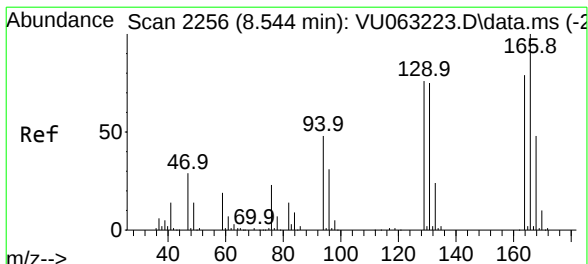
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#57
4-Bromofluorobenzene
Concen: 1.080 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

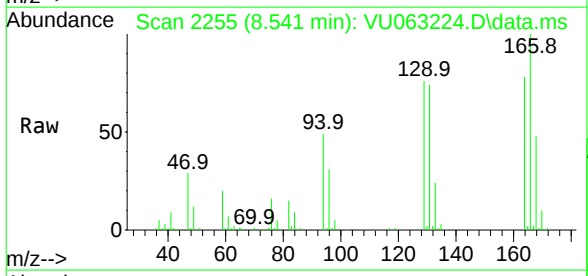
Tgt Ion: 95 Resp: 20689
Ion Ratio Lower Upper
95 100
174 81.3 58.6 88.0
176 77.0 58.2 87.4





#58
Tetrachloroethene
Concen: 13.998 ug/l
RT: 8.541 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

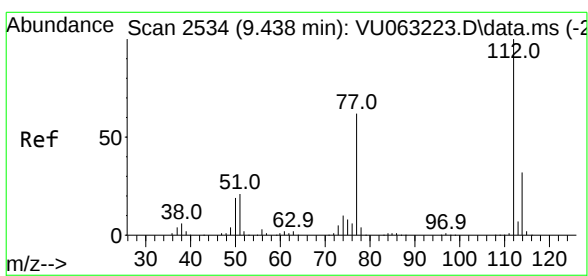
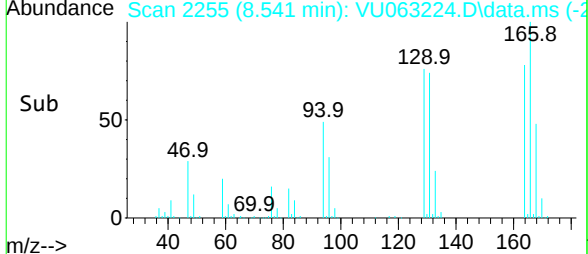
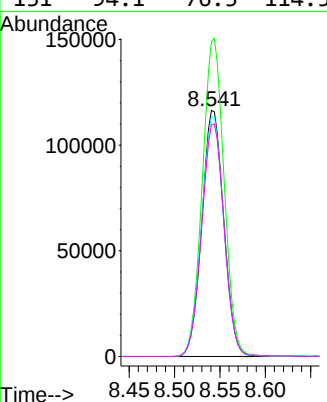
Instrument : MSVOA_U
ClientSampleId : VSTDIC015



Tgt Ion:164 Resp: 195759

Ion	Ratio	Lower	Upper
164	100		
166	128.0	101.4	152.0
129	97.4	77.0	115.4
131	94.1	76.3	114.5

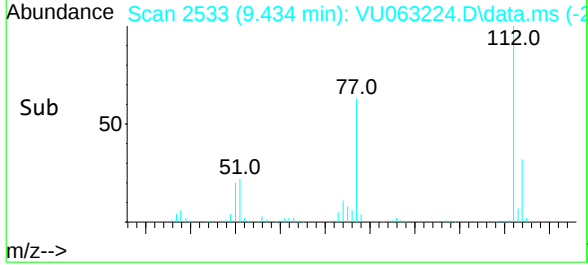
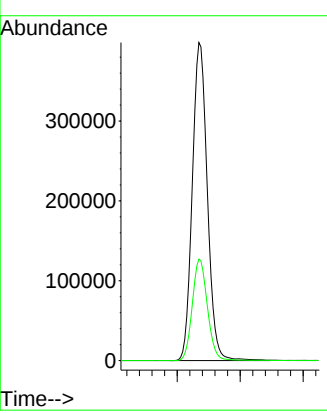
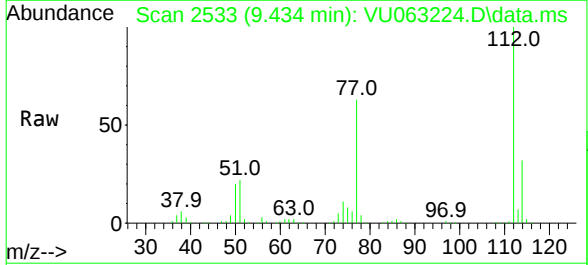
Manual Integrations
APPROVED
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

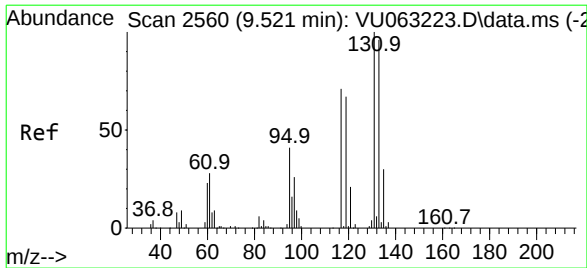


#59
Chlorobenzene
Concen: 15.241 ug/l
RT: 9.434 min Scan# 2533
Delta R.T. -0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Tgt Ion:112 Resp: 659996

Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.7	38.5





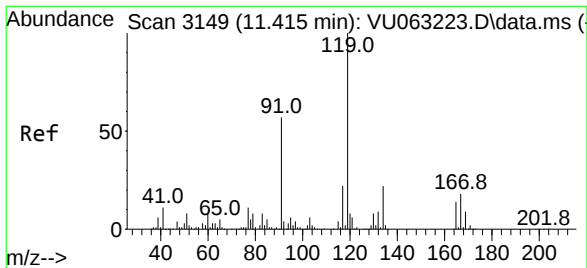
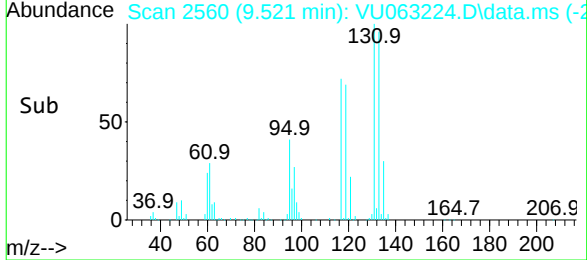
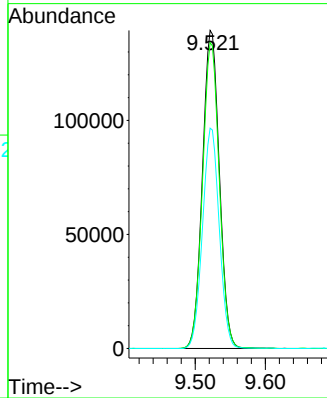
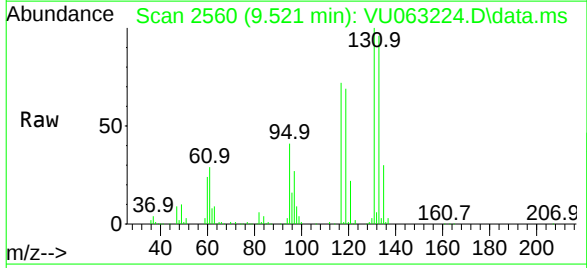
#60
1,1,1,2-Tetrachloroethane
Concen: 15.005 ug/l
RT: 9.521 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:131 Resp: 233573
Ion Ratio Lower Upper
131 100
133 95.3 76.7 115.1
119 68.6 54.4 81.6

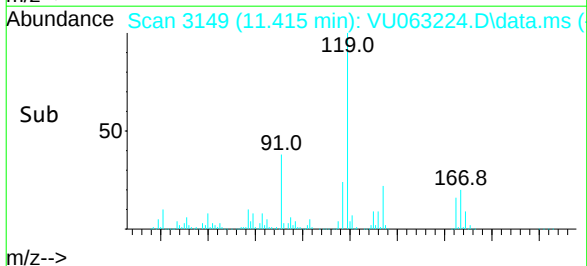
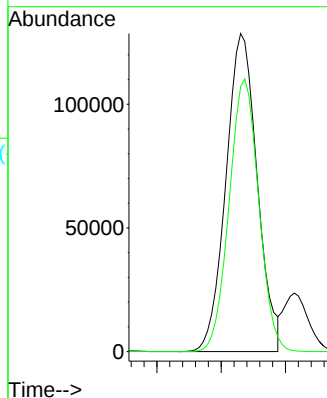
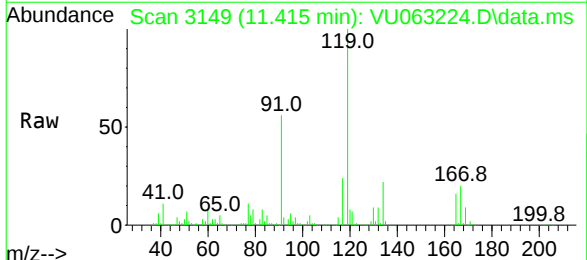
Manual Integrations
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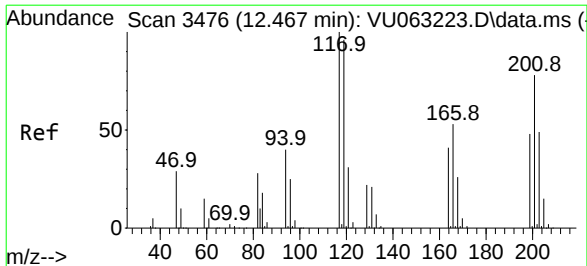
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#61
Pentachloroethane
Concen: 15.642 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Tgt Ion:117 Resp: 217502
Ion Ratio Lower Upper
117 100
167 80.9 65.0 97.6





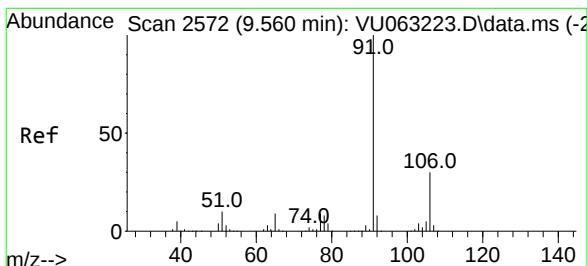
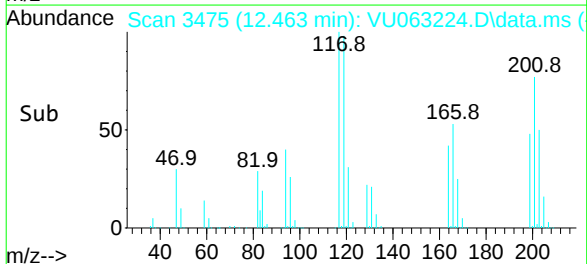
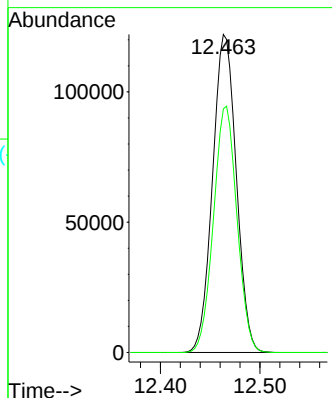
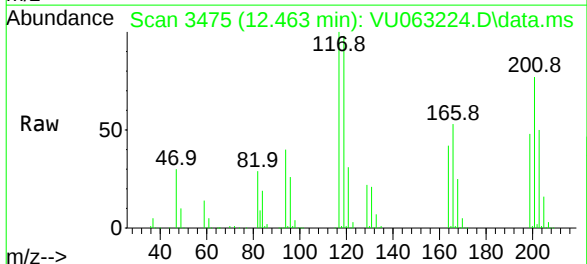
#62
Hexachloroethane
Concen: 16.451 ug/l
RT: 12.463 min Scan# 3476
Delta R.T. -0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Instrument : MSVOA_U
ClientSampleId : VSTDIC015

Tgt Ion: 117 Resp: 202372
Ion Ratio Lower Upper
117 100
201 76.5 61.3 91.9

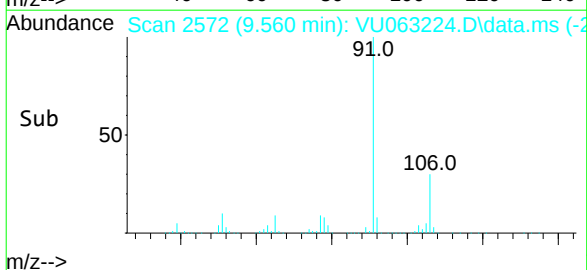
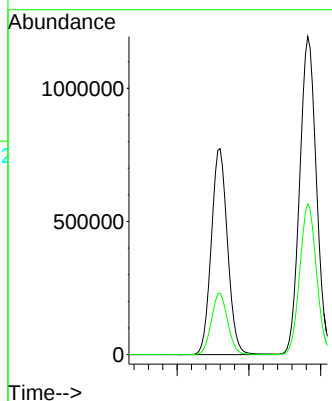
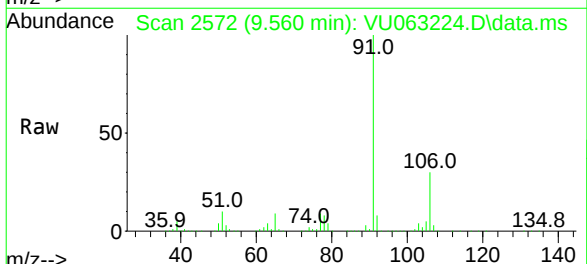
Manual Integrations
APPROVED

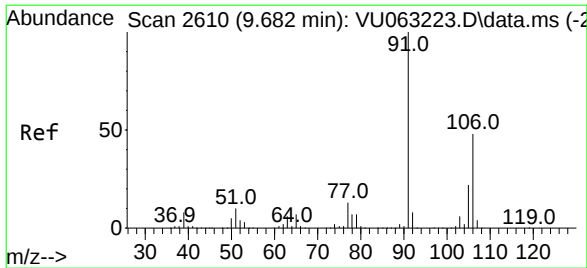
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#63
Ethyl Benzene
Concen: 16.321 ug/l
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Tgt Ion: 91 Resp: 1218926
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.2





#64

m/p-Xylenes

Concen: 32.960 ug/l

RT: 9.682 min Scan# 2610

Delta R.T. -0.000 min

Lab File: VU063224.D

Acq: 10 Feb 2025 15:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion:106 Resp: 919492

Ion Ratio Lower Upper

106 100

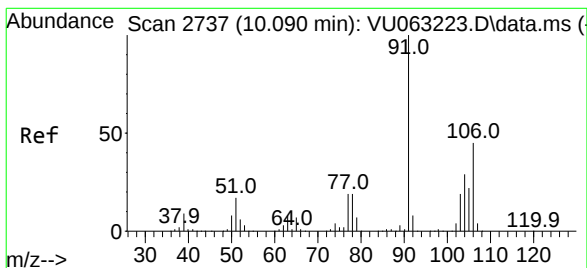
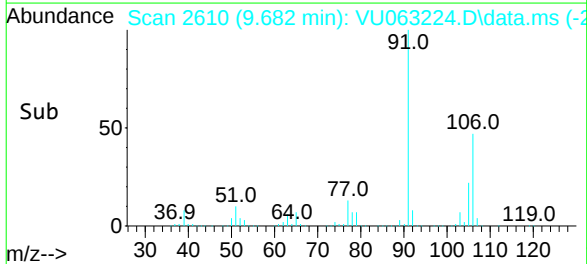
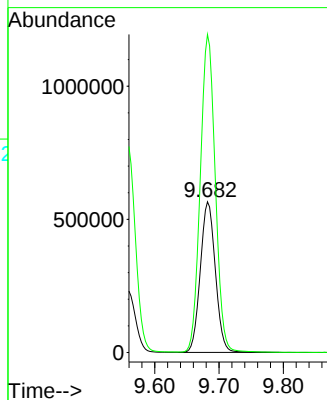
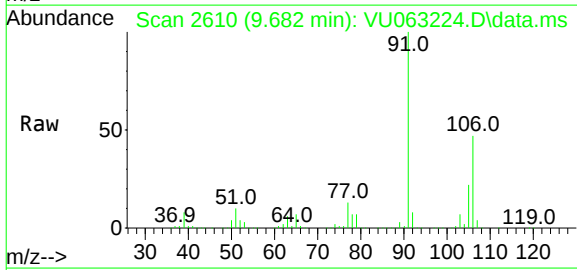
91 210.6 166.9 250.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#65

o-Xylene

Concen: 16.379 ug/l

RT: 10.090 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VU063224.D

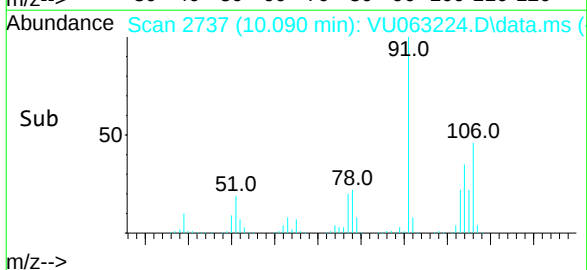
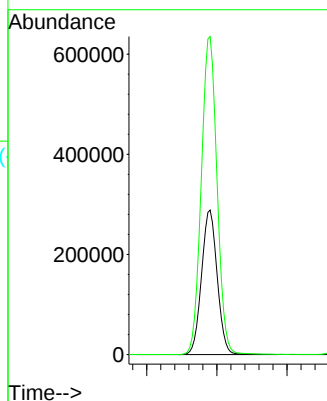
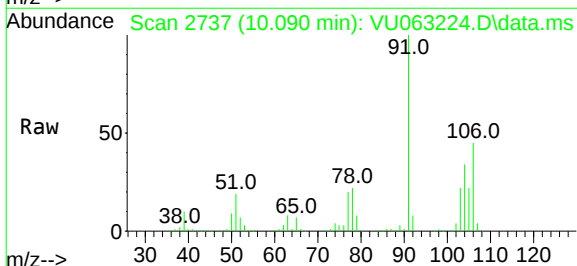
Acq: 10 Feb 2025 15:33

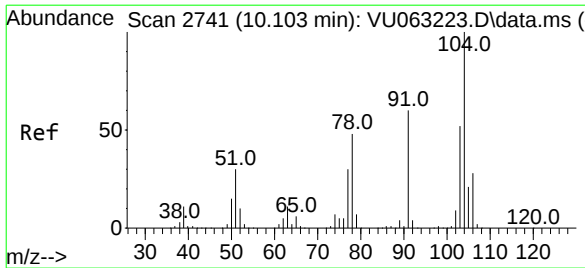
Tgt Ion:106 Resp: 447318

Ion Ratio Lower Upper

106 100

91 221.7 110.9 332.9





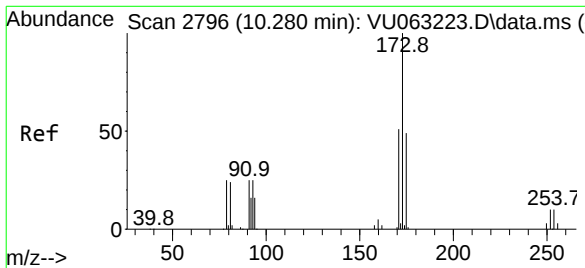
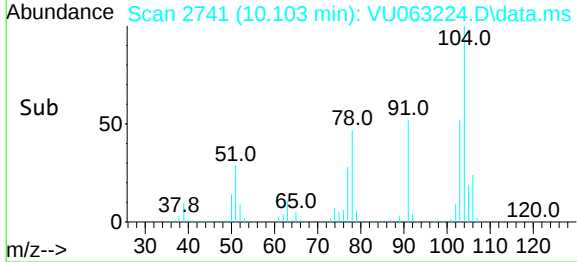
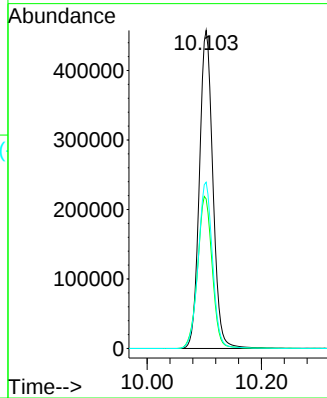
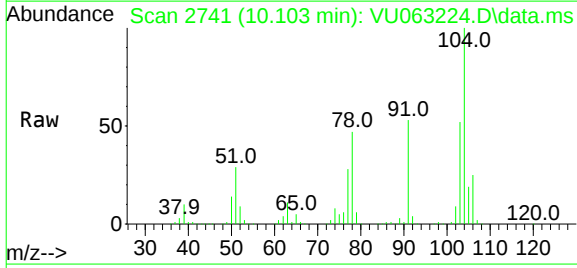
#66
Styrene
Concen: 17.269 ug/l
RT: 10.103 min Scan# 2741
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Instrument : MSVOA_U
ClientSampleId : VSTDIC015

Tgt Ion:104 Resp: 750530
Ion Ratio Lower Upper
104 100
78 51.7 41.2 61.8
103 55.7 44.8 67.2

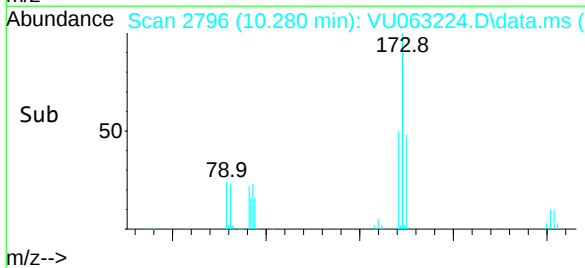
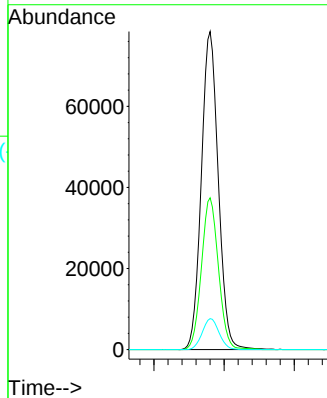
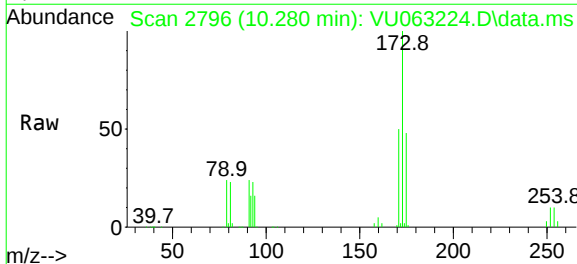
Manual Integrations
APPROVED

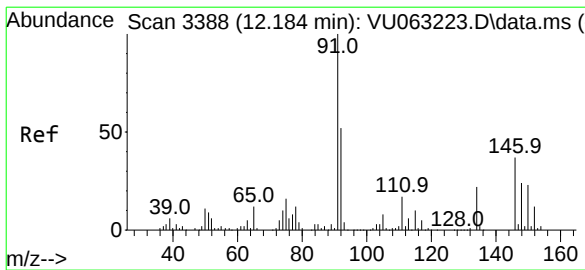
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#67
Bromoform
Concen: 15.814 ug/l
RT: 10.280 min Scan# 2796
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

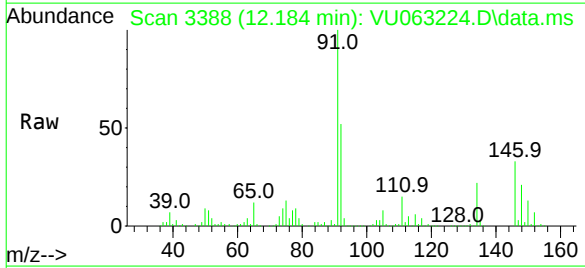
Tgt Ion:173 Resp: 131670
Ion Ratio Lower Upper
173 100
175 47.8 39.0 58.4
254 9.7 7.7 11.5





#68
1,2-Dichlorobenzene-d4
Concen: 1.130 ug/l
RT: 12.184 min Scan# 3388
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

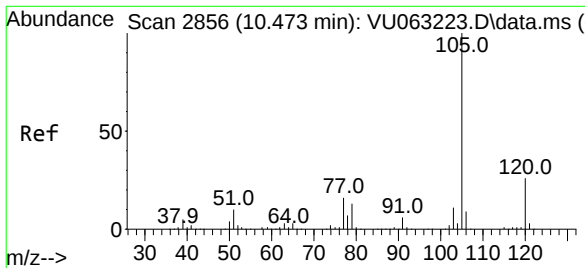
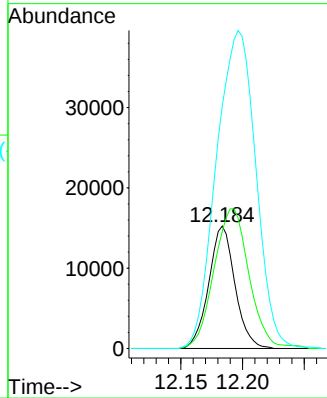
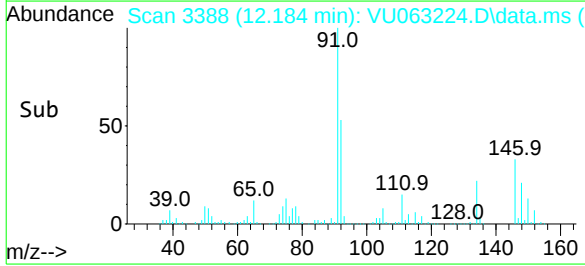
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



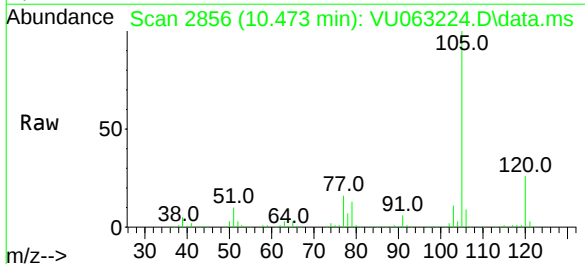
Tgt Ion:152 Resp: 22516
Ion Ratio Lower Upper
152 100
115 152.9 0.0 275.2
150 390.7 0.0 658.4

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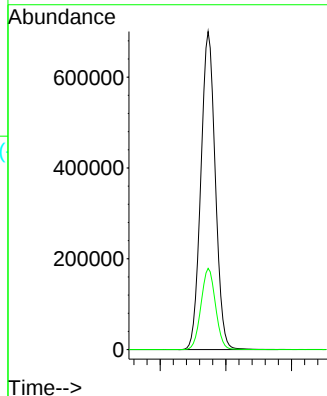
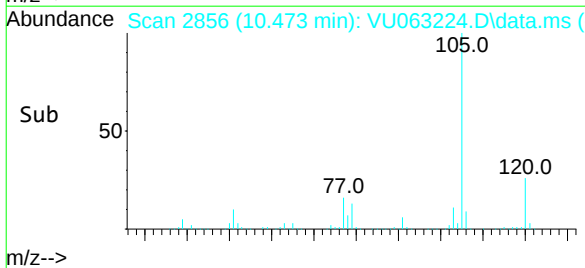
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

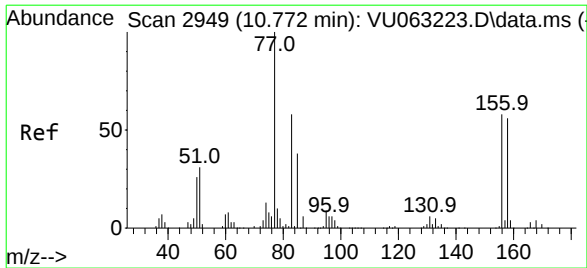


#69
Isopropylbenzene
Concen: 16.638 ug/l
RT: 10.473 min Scan# 2856
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33



Tgt Ion:105 Resp: 1068251
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.4





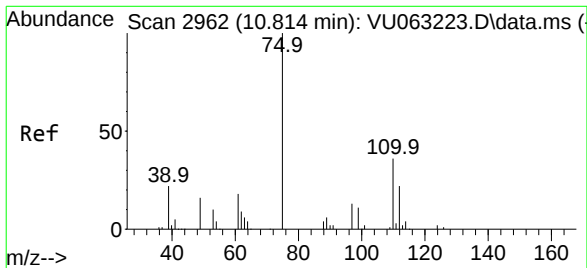
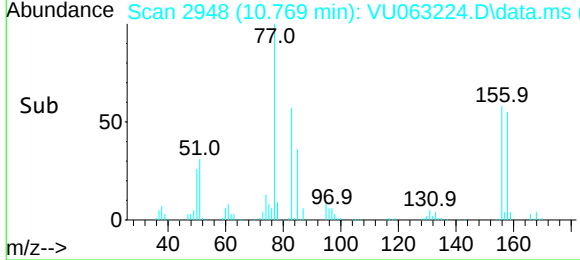
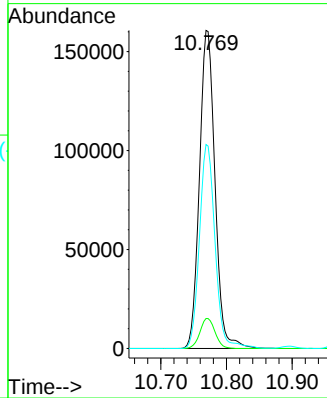
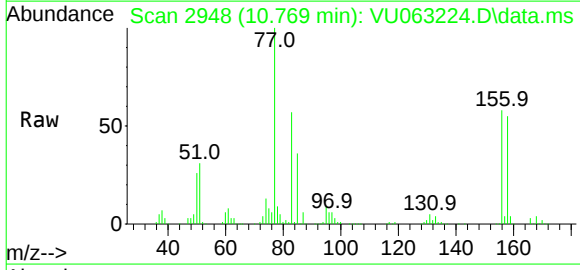
#70
1,1,2,2-Tetrachloroethane
Concen: 15.376 ug/l
RT: 10.769 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 83 Resp: 264258
Ion Ratio Lower Upper
83 100
131 9.2 7.4 11.0
85 64.5 51.8 77.8

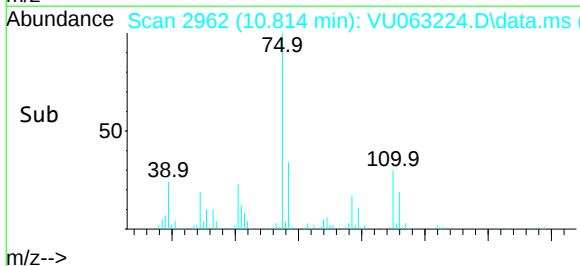
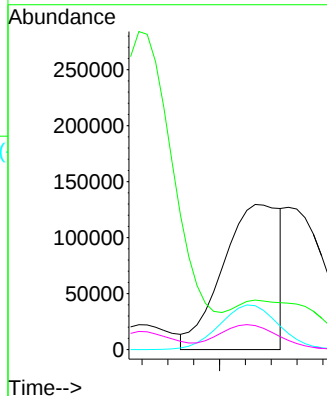
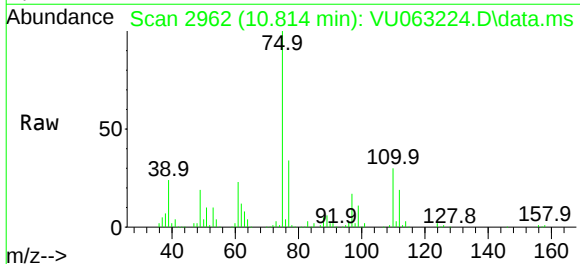
Manual Integrations
APPROVED

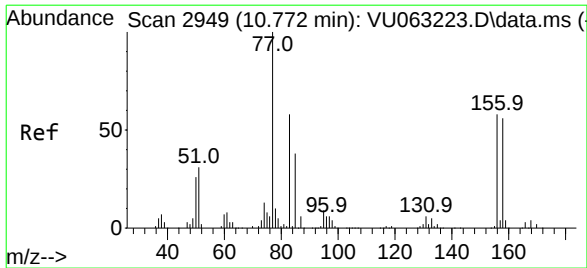
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#71
1,2,3-Trichloropropane
Concen: 15.363 ug/l m
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Tgt Ion: 75 Resp: 200210
Ion Ratio Lower Upper
75 100
77 47.8 0.0 0.0#
110 31.9 0.0 77.0
97 18.5 0.0 42.2





#72

Bromobenzene

Concen: 15.799 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU063224.D

Acq: 10 Feb 2025 15:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion:156 Resp: 273315

Ion Ratio Lower Upper

156 100

77 174.0 0.0 343.6

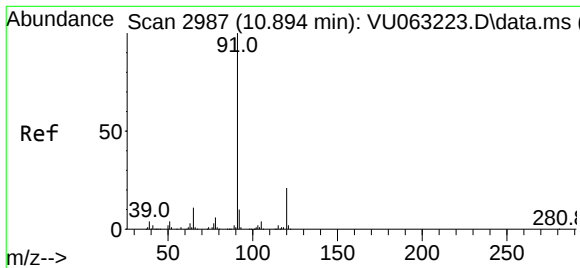
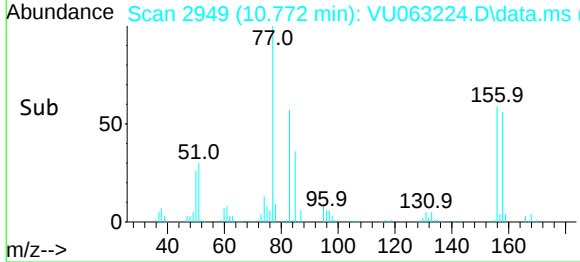
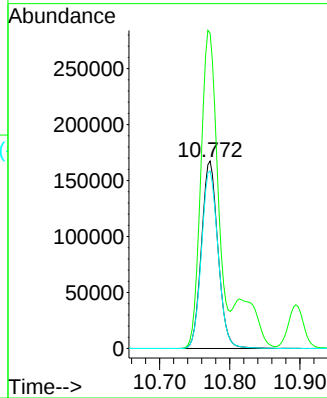
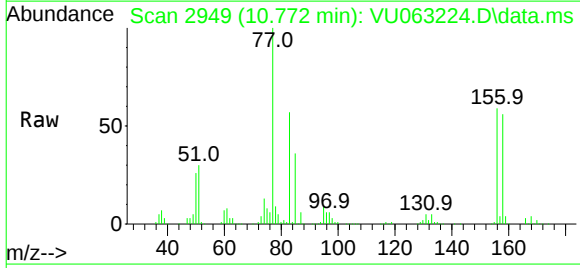
158 96.2 0.0 193.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#73

n-propylbenzene

Concen: 17.012 ug/l

RT: 10.894 min Scan# 2987

Delta R.T. -0.000 min

Lab File: VU063224.D

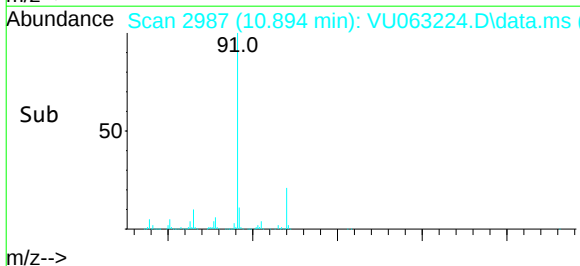
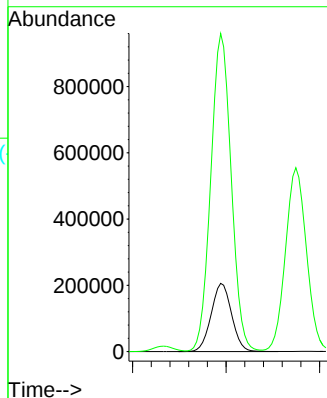
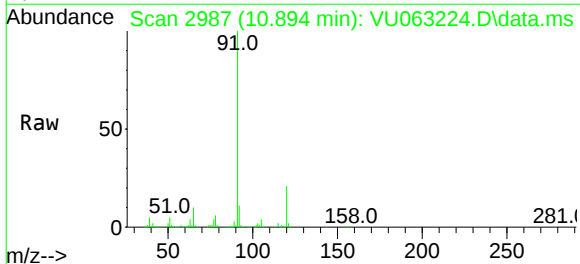
Acq: 10 Feb 2025 15:33

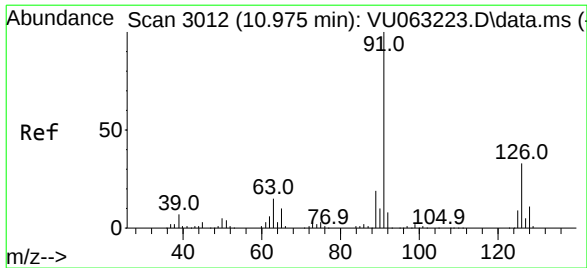
Tgt Ion:120 Resp: 312734

Ion Ratio Lower Upper

120 100

91 462.7 369.8 554.6





#74

2-Chlorotoluene

Concen: 16.499 ug/l

RT: 10.975 min Scan# 3012

Delta R.T. -0.000 min

Lab File: VU063224.D

Acq: 10 Feb 2025 15:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion:126 Resp: 279514

Ion Ratio Lower Upper

126 100

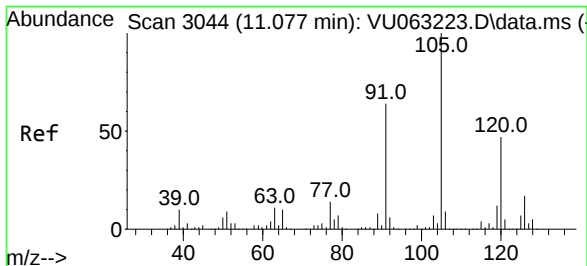
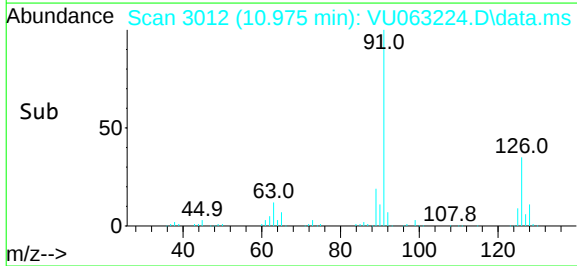
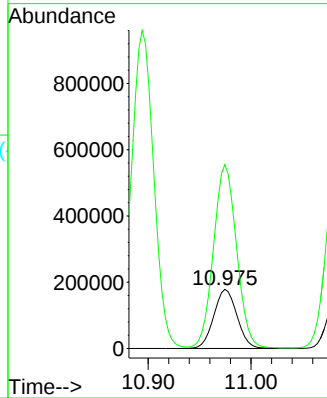
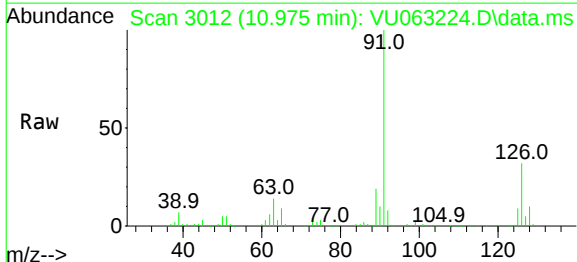
91 307.9 0.0 623.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#75

1,3,5-Trimethylbenzene

Concen: 17.122 ug/l

RT: 11.077 min Scan# 3044

Delta R.T. -0.000 min

Lab File: VU063224.D

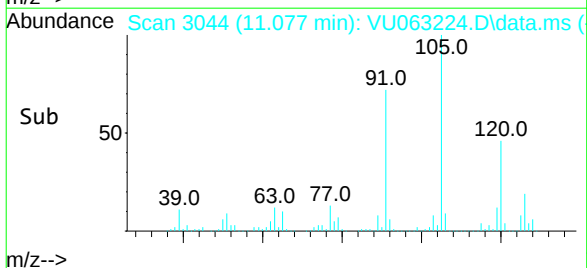
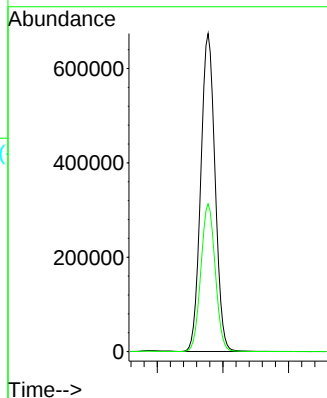
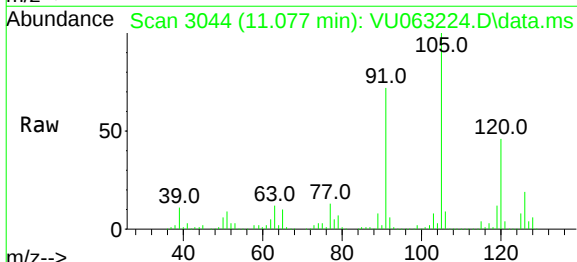
Acq: 10 Feb 2025 15:33

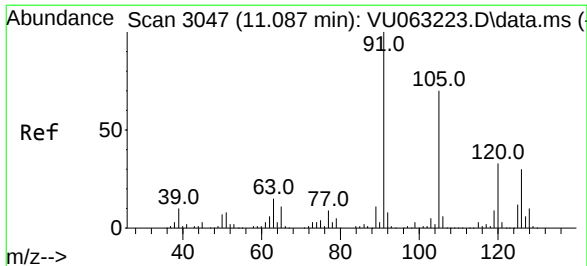
Tgt Ion:105 Resp: 1018594

Ion Ratio Lower Upper

105 100

120 46.7 37.3 55.9





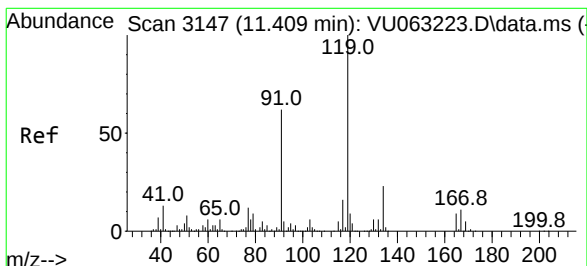
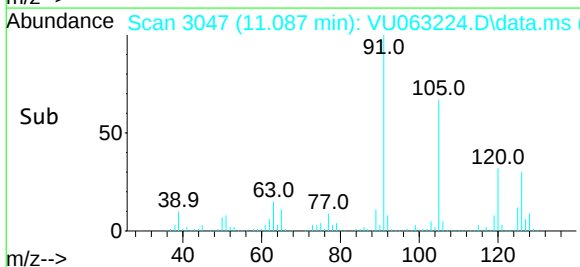
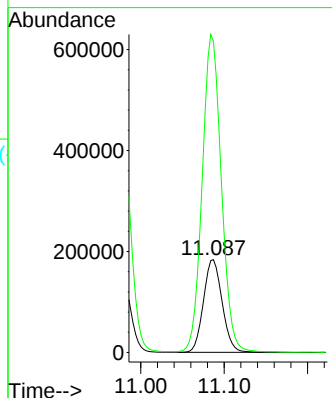
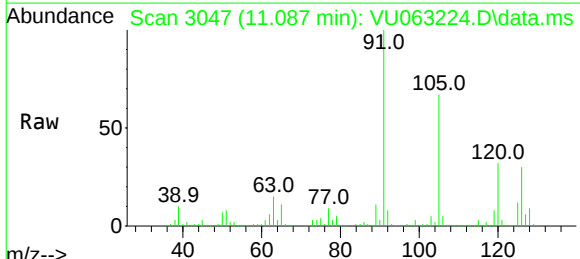
#76
4-Chlorotoluene
Concen: 16.404 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:126 Resp: 284996
Ion Ratio Lower Upper
126 100
91 351.8 0.0 703.6

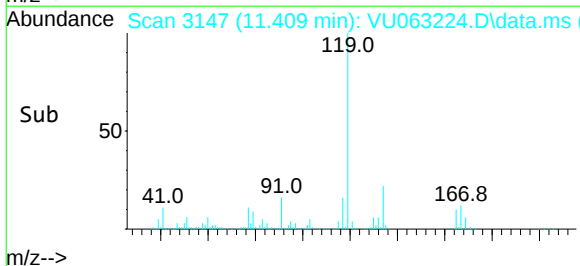
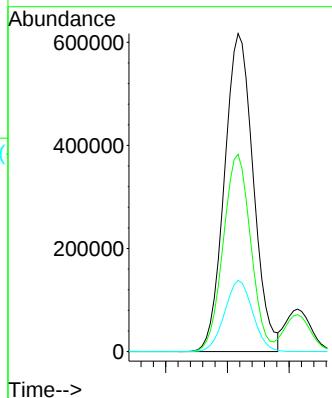
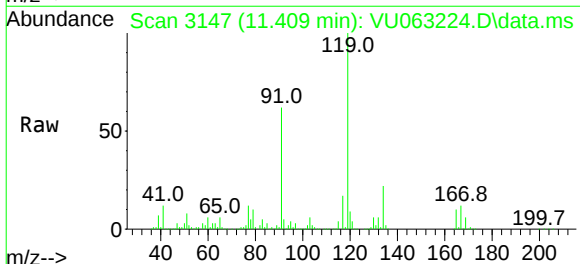
Manual Integrations
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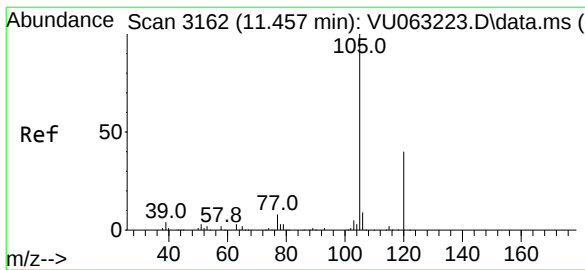
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#77
tert-Butylbenzene
Concen: 16.693 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Tgt Ion:119 Resp: 1004388
Ion Ratio Lower Upper
119 100
91 59.1 29.4 88.3
134 21.7 17.6 26.4





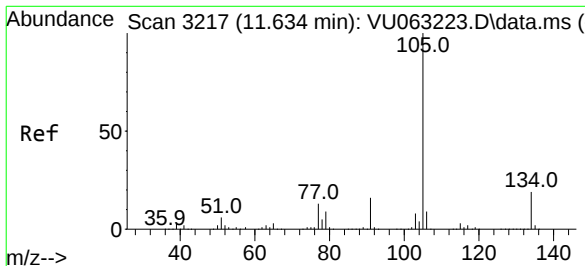
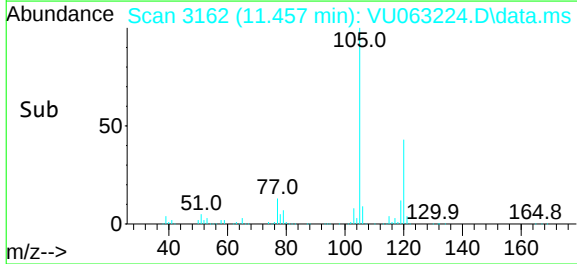
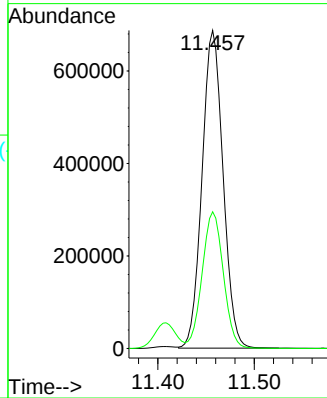
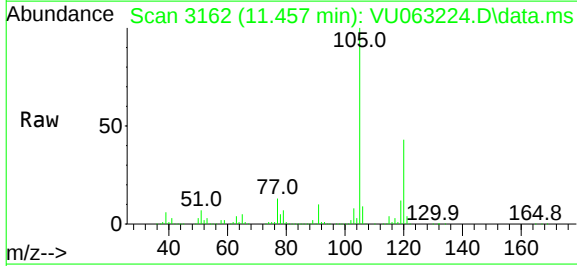
#78
1,2,4-Trimethylbenzene
Concen: 17.598 ug/l
RT: 11.457 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp: 1038794
Ion Ratio Lower Upper
105 100
120 43.4 21.9 65.7

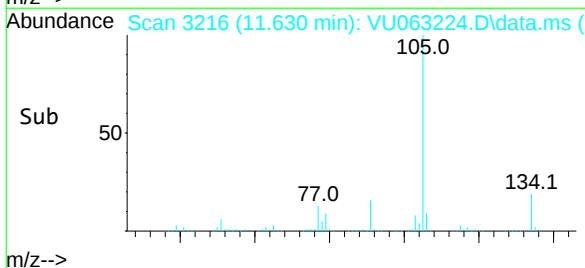
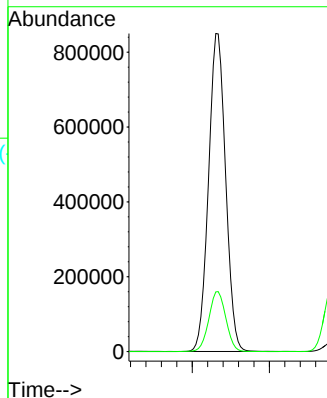
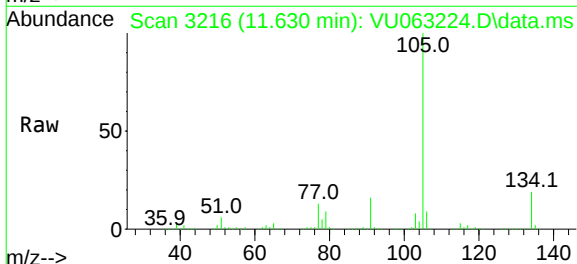
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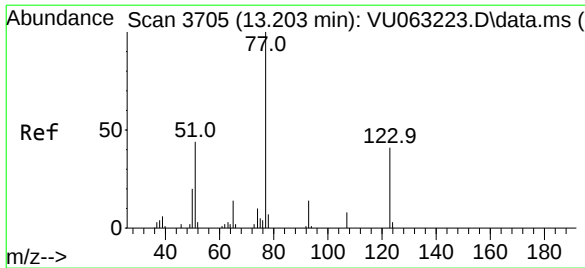
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#79
sec-Butylbenzene
Concen: 17.036 ug/l
RT: 11.630 min Scan# 3216
Delta R.T. -0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Tgt Ion:105 Resp: 1305019
Ion Ratio Lower Upper
105 100
134 18.9 15.1 22.7





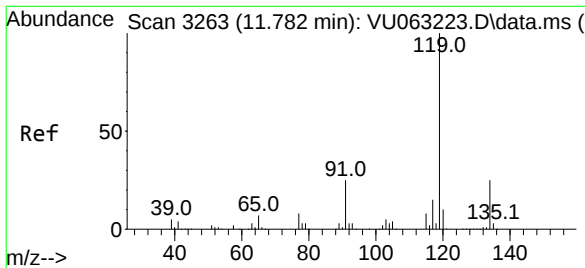
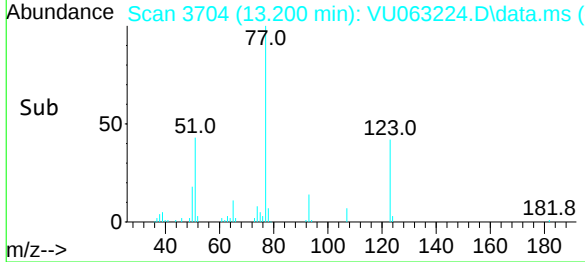
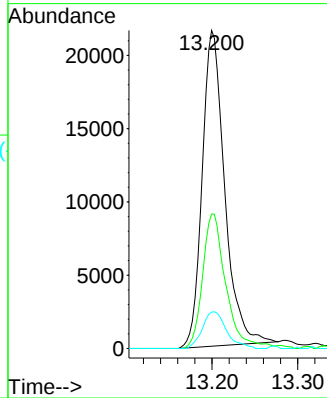
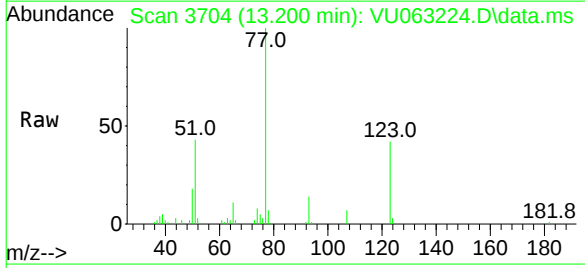
#80
Nitrobenzene
Concen: 75.007 ug/l
RT: 13.200 min Scan# 3705
Delta R.T. -0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion: 77 Resp: 39246
Ion Ratio Lower Upper
77 100
123 42.5 18.9 67.1
65 12.5 11.9 15.1

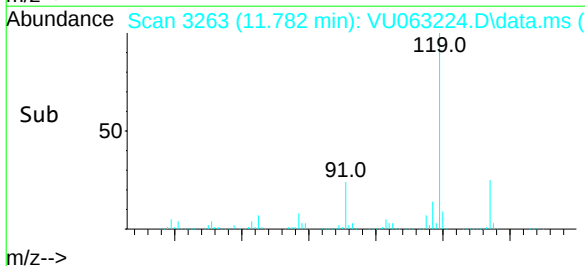
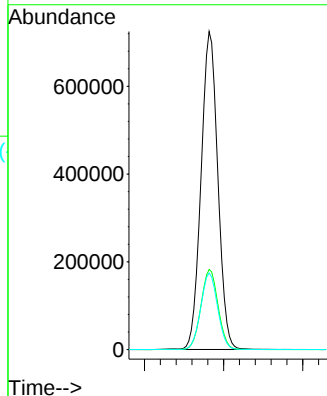
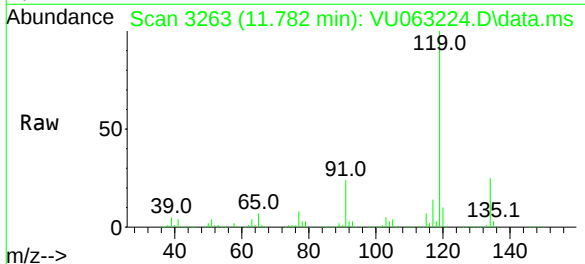
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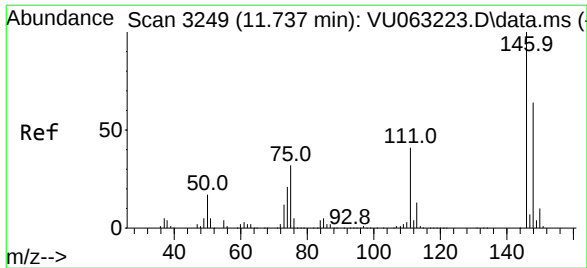
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#81
p-Isopropyltoluene
Concen: 17.605 ug/l
RT: 11.782 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Tgt Ion:119 Resp: 1064335
Ion Ratio Lower Upper
119 100
134 25.7 20.3 30.5
91 24.1 19.4 29.2





#82

1,3-Dichlorobenzene

Concen: 15.863 ug/l

RT: 11.733 min Scan# 3249

Delta R.T. -0.003 min

Lab File: VU063224.D

Acq: 10 Feb 2025 15:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

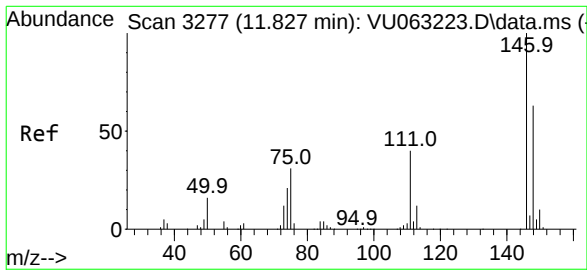
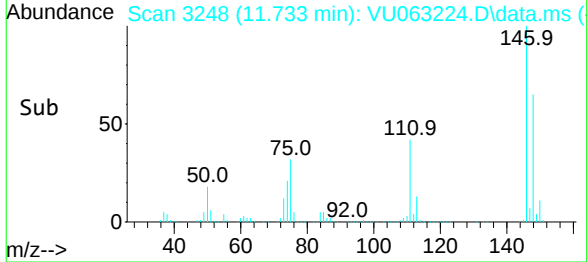
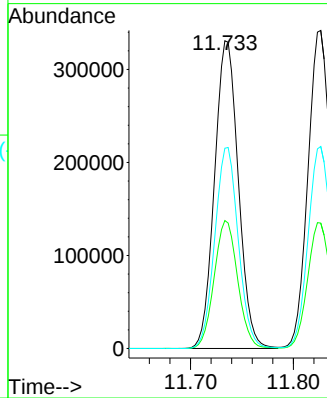
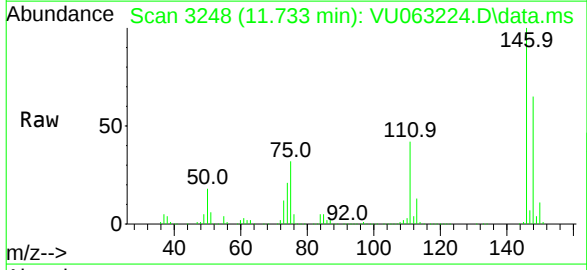
Tgt Ion:	146	Resp:	532282
Ion Ratio	Lower	Upper	
146	100		
111	41.1	32.8	49.2
148	64.5	51.1	76.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#83

1,4-Dichlorobenzene

Concen: 16.378 ug/l

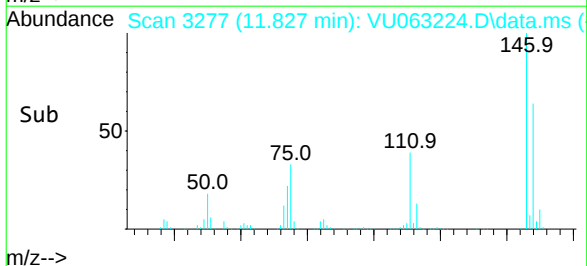
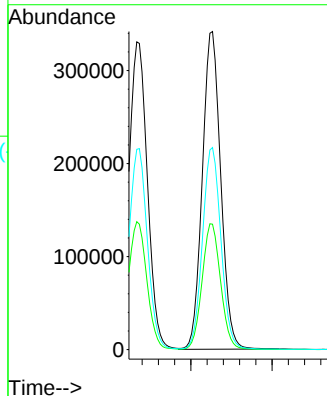
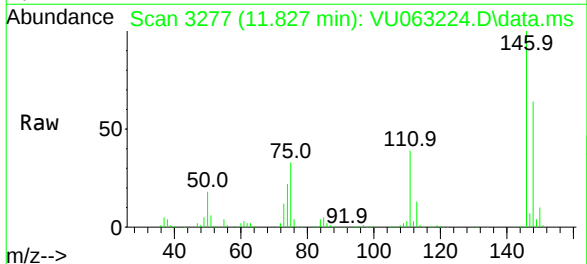
RT: 11.827 min Scan# 3277

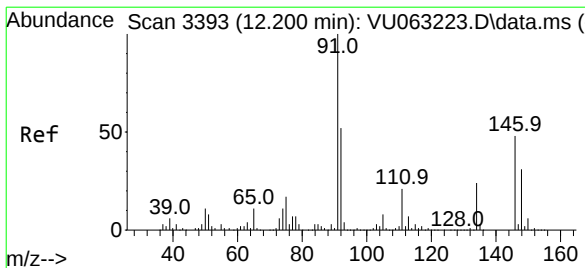
Delta R.T. -0.000 min

Lab File: VU063224.D

Acq: 10 Feb 2025 15:33

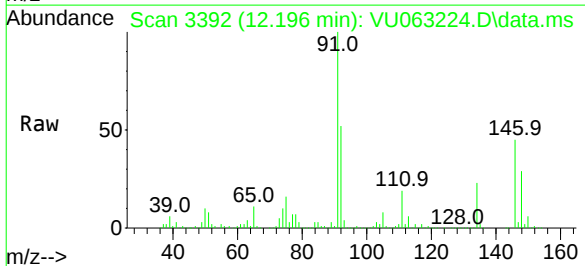
Tgt Ion:	146	Resp:	537516
Ion Ratio	Lower	Upper	
146	100		
111	39.8	32.1	48.1
148	63.5	50.2	75.4





#84
n-Butylbenzene
Concen: 18.246 ug/l
RT: 12.196 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

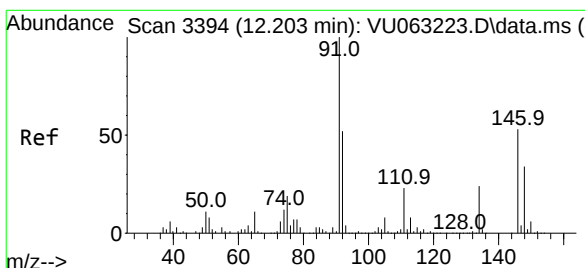
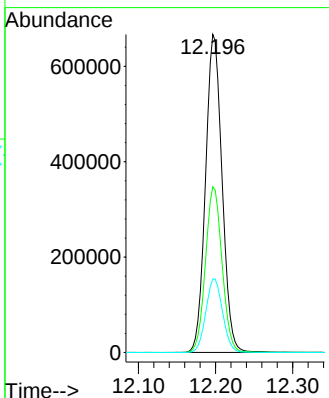
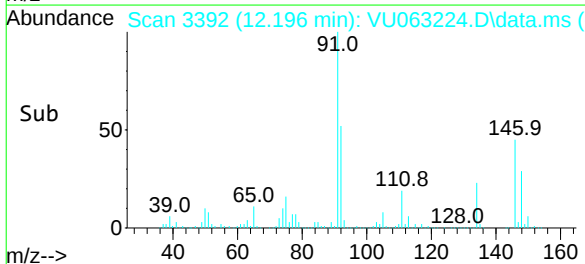
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



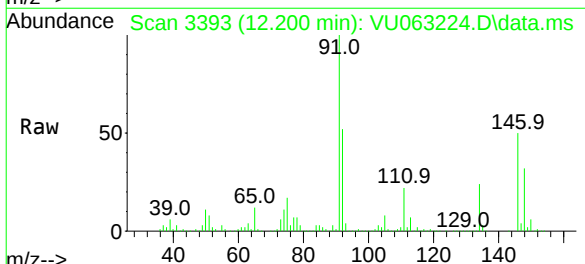
Tgt Ion: 91 Resp: 994696
Ion Ratio Lower Upper
91 100
92 52.1 41.8 62.8
134 23.4 18.6 28.0

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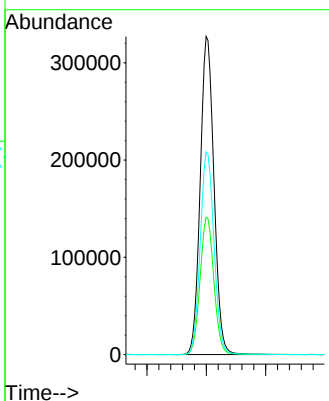
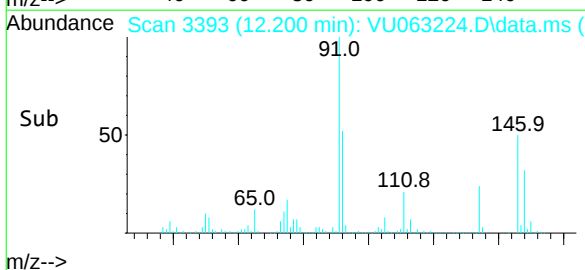
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

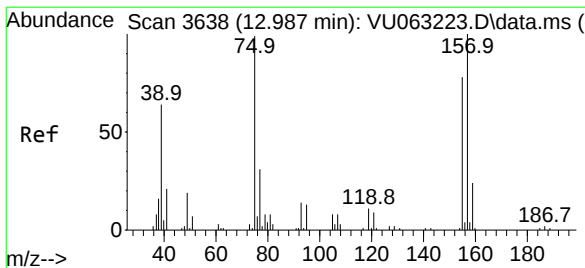


#85
1,2-Dichlorobenzene
Concen: 16.323 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.003 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33



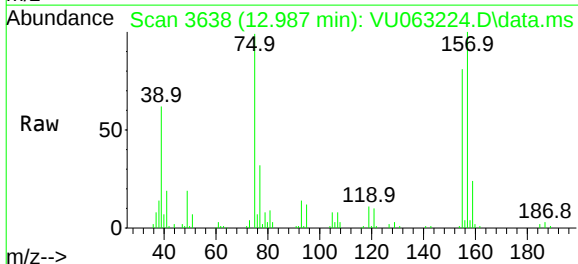
Tgt Ion:146 Resp: 526346
Ion Ratio Lower Upper
146 100
111 43.4 21.9 65.7
148 64.1 32.3 96.9





#86
1,2-Dibromo-3-Chloropropane
Concen: 16.565 ug/l
RT: 12.987 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

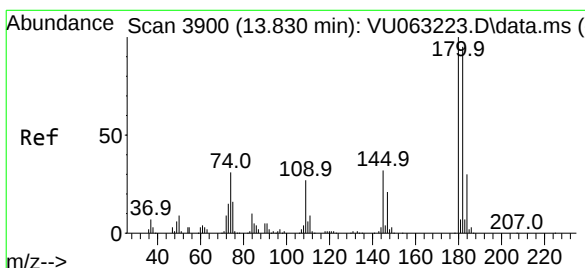
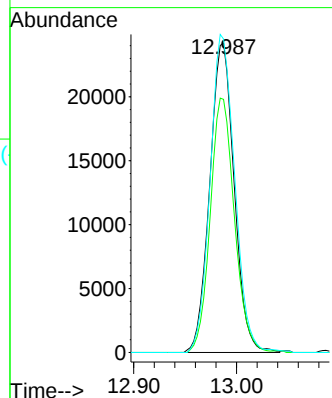
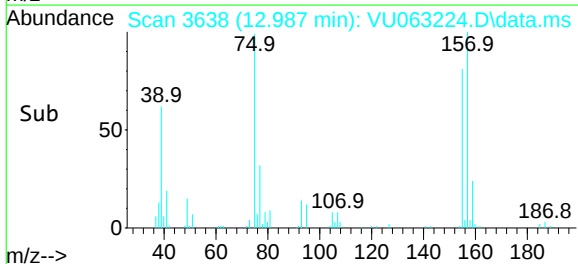
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 75 Resp: 39960
Ion Ratio Lower Upper
75 100
155 81.3 63.5 95.3
157 103.4 81.8 122.6

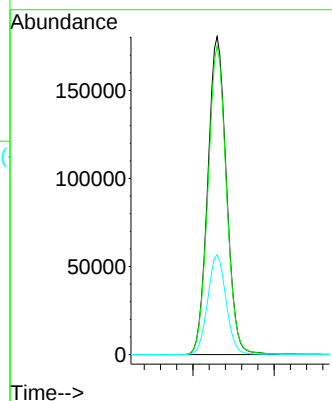
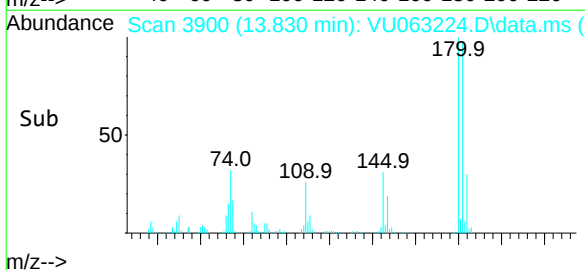
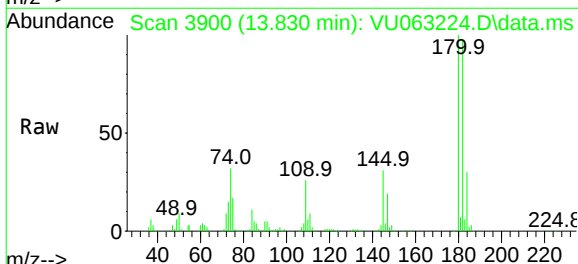
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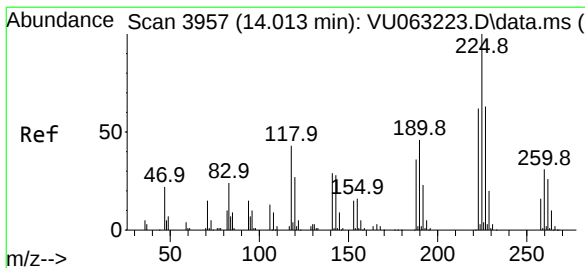
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#87
1,2,4-Trichlorobenzene
Concen: 18.320 ug/l
RT: 13.830 min Scan# 3900
Delta R.T. -0.000 min
Lab File: VU063224.D
Acq: 10 Feb 2025 15:33

Tgt Ion:180 Resp: 288112
Ion Ratio Lower Upper
180 100
182 96.1 76.6 115.0
145 30.9 25.4 38.2





#88

Hexachlorobutadiene

Concen: 15.648 ug/l

RT: 14.010 min Scan# 3957

Delta R.T. -0.003 min

Lab File: VU063224.D

Acq: 10 Feb 2025 15:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

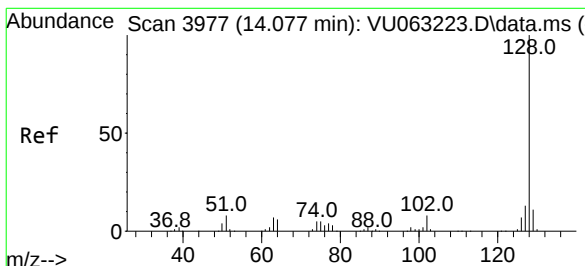
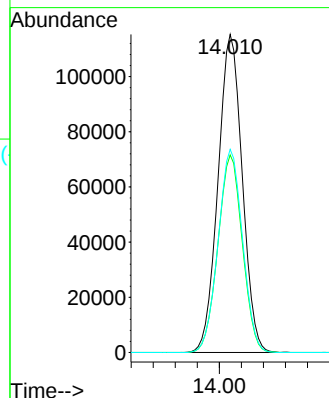
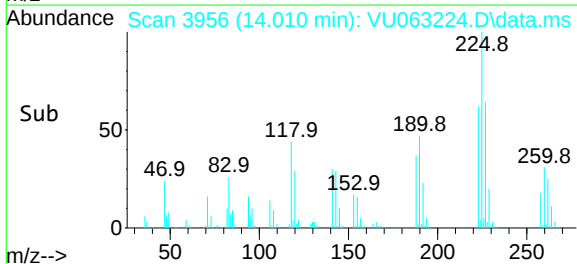
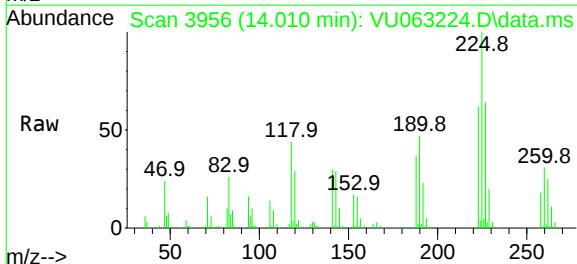
Tgt	Ion:	225	Resp:	175875
Ion	Ratio	Lower	Upper	
225	100			
223	62.6	49.5	74.3	
227	64.4	51.0	76.4	

Manual Integrations

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Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#89

Naphthalene

Concen: 15.328 ug/l

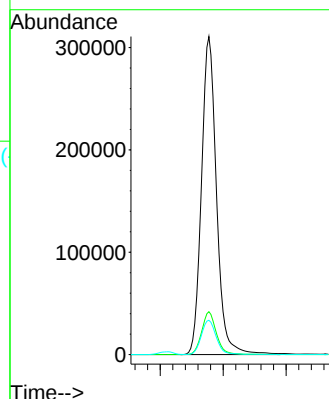
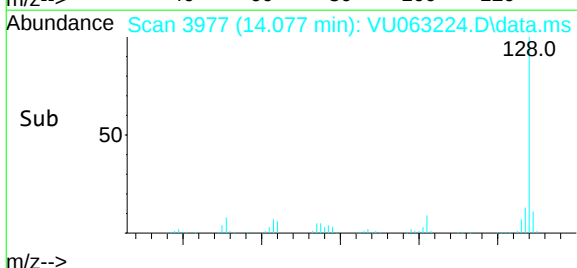
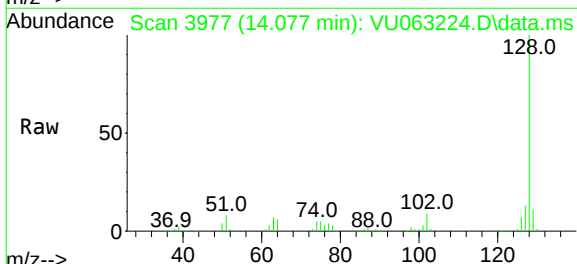
RT: 14.077 min Scan# 3977

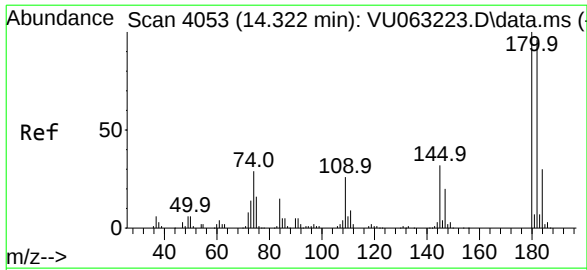
Delta R.T. -0.000 min

Lab File: VU063224.D

Acq: 10 Feb 2025 15:33

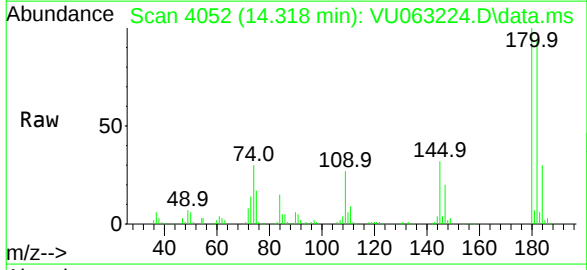
Tgt	Ion:	128	Resp:	515515
Ion	Ratio	Lower	Upper	
128	100			
127	13.2	10.6	16.0	
129	10.5	8.6	13.0	





1,2,3-Trichlorobenzene
 Concen: 18.007 ug/l
 RT: 14.318 min Scan# 4052
 Delta R.T. -0.003 min
 Lab File: VU063224.D
 Acq: 10 Feb 2025 15:33

Instrument : MSVOA_U
 ClientSampleId : VSTDIC015



Tgt Ion:	180	Resp:	277101
Ion Ratio	Lower	Upper	
180	100		
182	95.6	78.2	117.2
145	32.0	26.1	39.1

Manual Integrations
 APPROVED

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

