

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021025\
 Data File : VU063221.D
 Acq On : 10 Feb 2025 13:58
 Operator : MD/SY
 Sample : VSTDICC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

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

Quant Time: Feb 11 03:58:44 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	53430	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.624	95	17627	1.000	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	18679	1.019	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	35165	2.026	ug/l	97
3) Chloromethane	1.515	50	41607	2.081	ug/l	97
4) Vinyl Chloride	1.596	62	39263	1.985	ug/l	100
5) Bromomethane	1.821	94	13311	1.455	ug/l	99
6) Chloroethane	1.904	64	24932	2.001	ug/l	97
7) Trichlorofluoromethane	2.116	101	48274	2.060	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.563	101	27021	2.031	ug/l	98
9) 1,1-Dichloroethene	2.563	96	27058	1.996	ug/l	97
10) Iodomethane	2.705	142	41566	1.951	ug/l	100
11) Allyl Chloride	2.907	41	39456	2.026	ug/l	99
12) Acrylonitrile	3.316	53	12654	4.107	ug/l #	86
13) Acetone	2.618	43	23537	9.790	ug/l	93
14) Carbon Disulfide	2.776	76	94065	1.985	ug/l	98
15) Methylene Chloride	3.026	84	33474	1.999	ug/l	97
16) trans-1,2-Dichloroethene	3.338	96	30710	1.985	ug/l	99
17) 1,1-Dichloroethane	3.849	63	59018	2.024	ug/l	98
18) 2-Butanone	4.702	43	35904	9.245	ug/l	100
19) Cyclohexane	5.374	56	45197m	1.929	ug/l	
20) Methylcyclohexane	6.750	83	44636	1.921	ug/l	96
21) 2,2-Dichloropropane	4.647	77	44095	1.938	ug/l	99
22) cis-1,2-Dichloroethene	4.653	96	32738	1.958	ug/l	98
23) Diethyl Ether	2.364	59	22999	1.977	ug/l	98
24) tert-Butyl Alcohol	3.178	59	28594	18.780	ug/l #	86
25) Methyl tert-Butyl Ether	3.348	73	66015	1.950	ug/l	98
26) Bromochloromethane	4.959	128	14111	1.931	ug/l	96
27) Chloroform	5.075	83	58030	1.972	ug/l	97
28) 1,1,1-Trichloroethane	5.300	97	47900	2.009	ug/l	99
29) 1,1-Dichloropropene	5.512	75	43166	2.022	ug/l	99
30) Carbon Tetrachloride	5.509	117	40459	1.979	ug/l	99
31) Isopropyl Ether	3.975	45	81829	1.966	ug/l	97
32) Ethyl-t-butyl ether	4.483	59	73881	1.951	ug/l	97
33) Tert-Amyl methyl ether	5.927	73	62542	1.891	ug/l	97
34) Propionitrile	4.776	54	12222	10.151	ug/l #	92
35) Benzene	5.763	78	132758	2.022	ug/l	98
36) 1,2-Dichloroethane	5.782	62	38273	2.020	ug/l	100
37) Trichloroethene	6.531	130	31430	2.013	ug/l	98
38) 1,2-Dichloropropane	6.779	63	34066	1.983	ug/l	99
39) Methacrylonitrile	4.968	41	8407	1.955	ug/l	97
40) Methyl acrylate	4.856	55	16003m	2.038	ug/l	
41) Tetrahydrofuran	5.049	42	10378	4.106	ug/l #	88
42) 1-Chlorobutane	5.444	56	58462	2.001	ug/l	98
43) Dibromomethane	6.910	93	17367	1.996	ug/l	95
44) Bromodichloromethane	7.094	83	41213	2.035	ug/l	99

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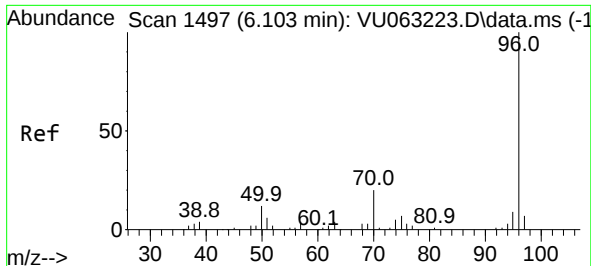
Manual Integrations
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Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025

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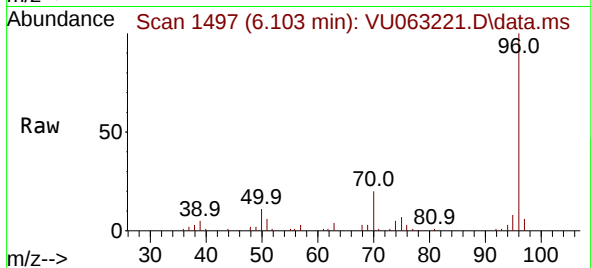
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	88945	9.751	ug/l	98
46) t-1,4-Dichloro-2-butene	10.820	75	18852m	4.176	ug/l	
47) Methyl methacrylate	6.955	69	27411	3.740	ug/l	95
48) Ethyl methacrylate	8.325	69	26103	1.897	ug/l	96
49) Toluene	7.959	92	75472	1.999	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	36608	1.974	ug/l	98
51) cis-1,3-Dichloropropene	7.599	75	45949	2.006	ug/l	97
52) 1,1,2-Trichloroethane	8.390	97	23377	1.993	ug/l	98
53) 1,3-Dichloropropane	8.566	76	41970	2.015	ug/l	100
54) 2-Hexanone	8.679	43	61467	9.874	ug/l	97
55) Dibromochloromethane	8.798	129	26319	1.950	ug/l	98
56) 1,2-Dibromoethane	8.914	107	21639	1.967	ug/l	100
58) Tetrachloroethene	8.544	164	25204	1.959	ug/l	98
59) Chlorobenzene	9.438	112	79653	1.999	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.525	131	28159	1.966	ug/l	98
61) Pentachloroethane	11.415	117	26815	2.096	ug/l	95
62) Hexachloroethane	12.463	117	22824	2.017	ug/l	99
63) Ethyl Benzene	9.560	91	133142	1.938	ug/l	99
64) m/p-Xylenes	9.685	106	101491	3.954	ug/l	98
65) o-Xylene	10.090	106	50127	1.995	ug/l	97
66) Styrene	10.106	104	77021	1.926	ug/l	100
67) Bromoform	10.283	173	15177	1.981	ug/l	97
69) Isopropylbenzene	10.476	105	116075	1.965	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	32740	2.071	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	26243m	2.189	ug/l	
72) Bromobenzene	10.775	156	31558	1.983	ug/l	95
73) n-propylbenzene	10.897	120	33538	1.983	ug/l	96
74) 2-Chlorotoluene	10.978	126	31255	2.005	ug/l	97
75) 1,3,5-Trimethylbenzene	11.078	105	109465	2.000	ug/l	99
76) 4-Chlorotoluene	11.090	126	31781	1.988	ug/l	98
77) tert-Butylbenzene	11.409	119	110066	1.988	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	107777	1.985	ug/l	99
79) sec-Butylbenzene	11.634	105	140803	1.998	ug/l	100
80) Nitrobenzene	13.219	77	3216m	10.179	ug/l	
81) p-Isopropyltoluene	11.785	119	110370	1.984	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	62914	2.038	ug/l	99
83) 1,4-Dichlorobenzene	11.827	146	62036	2.055	ug/l	99
84) n-Butylbenzene	12.200	91	96950	1.933	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	61011	2.057	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.994	75	4203	1.894	ug/l	98
87) 1,2,4-Trichlorobenzene	13.836	180	27020	1.867	ug/l	97
88) Hexachlorobutadiene	14.010	225	21652	2.094	ug/l	99
89) Naphthalene	14.084	128	40458	1.891	ug/l	98
90) 1,2,3-Trichlorobenzene	14.322	180	25501	1.801	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 1497
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

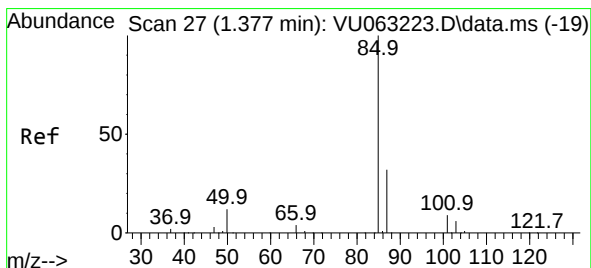
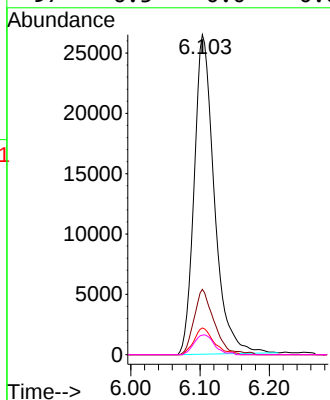
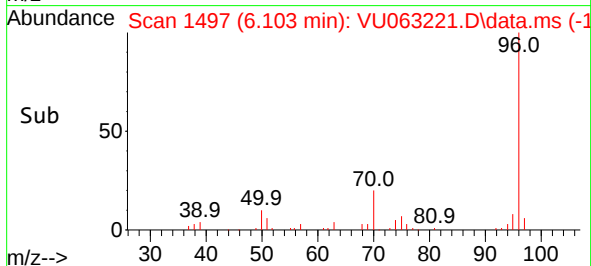
Instrument : MSVOA_U
ClientSampleId : VSTDIC002



Tgt Ion: 96 Resp: 53430
Ion Ratio Lower Upper
96 100
70 19.4 15.6 23.4
95 8.3 7.3 10.9
97 6.3 0.0 0.0#

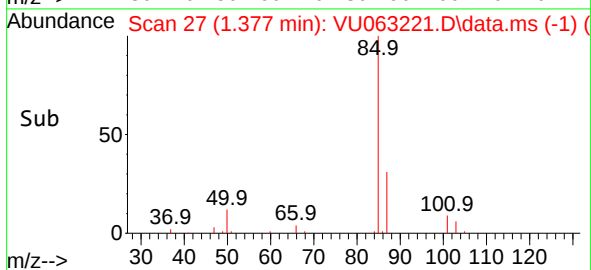
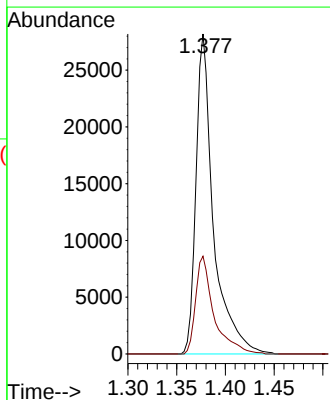
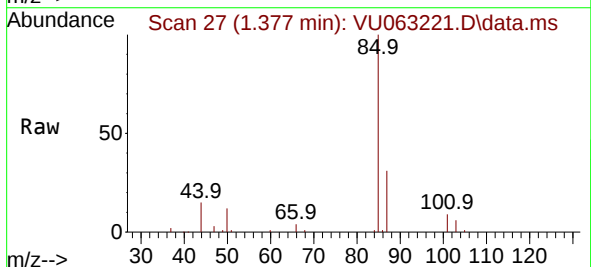
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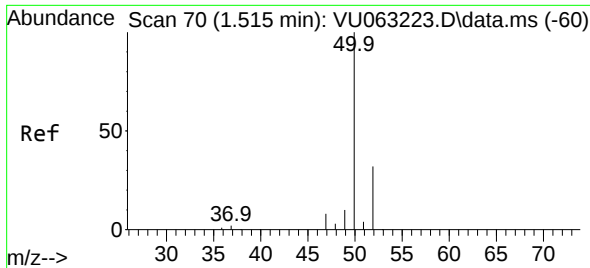
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#2
Dichlorodifluoromethane
Concen: 2.026 ug/l
RT: 1.377 min Scan# 27
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Tgt Ion: 85 Resp: 35165
Ion Ratio Lower Upper
85 100
87 30.5 16.0 48.0





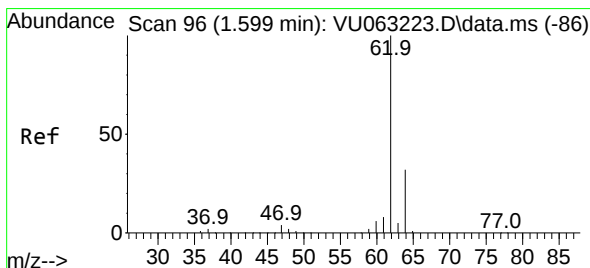
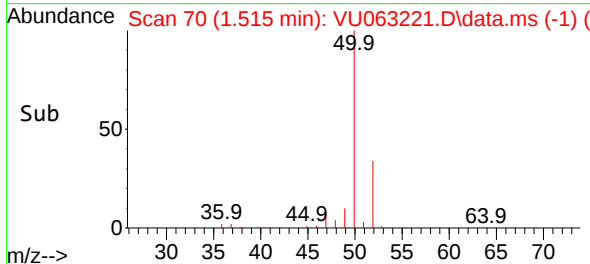
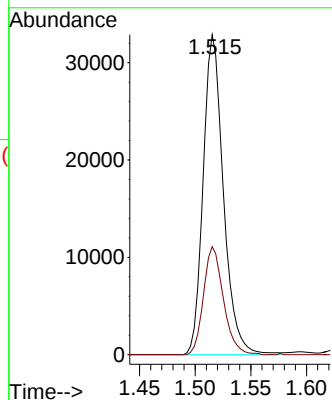
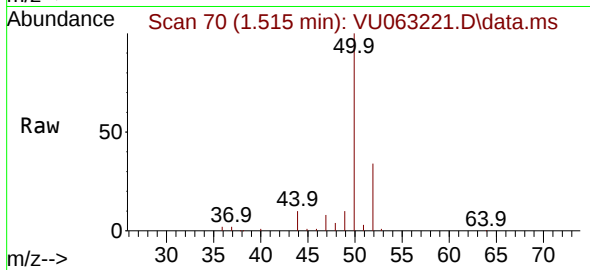
#3
Chloromethane
Concen: 2.081 ug/l
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 50 Resp: 4160
Ion Ratio Lower Upper
50 100
52 33.8 25.8 38.8

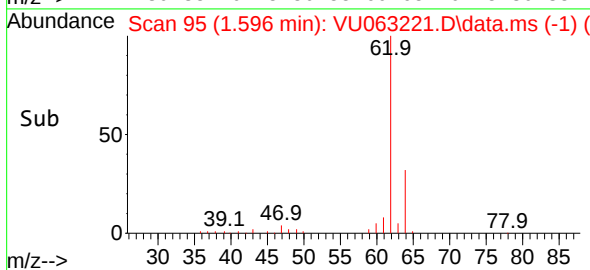
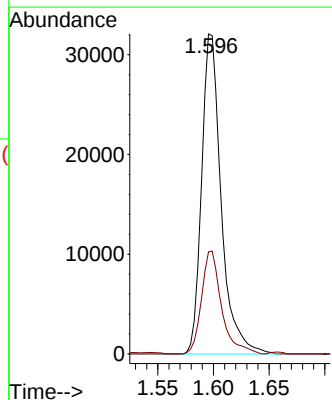
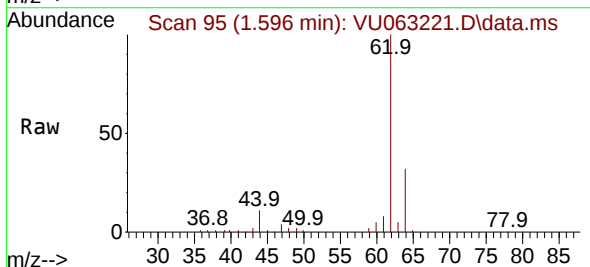
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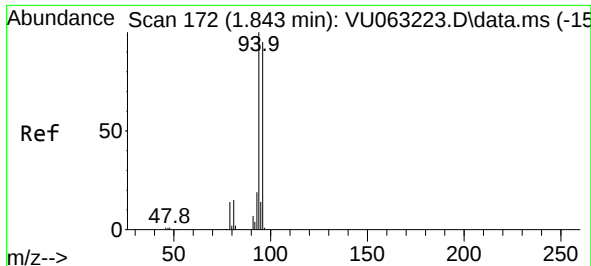
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#4
Vinyl Chloride
Concen: 1.985 ug/l
RT: 1.596 min Scan# 95
Delta R.T. -0.003 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

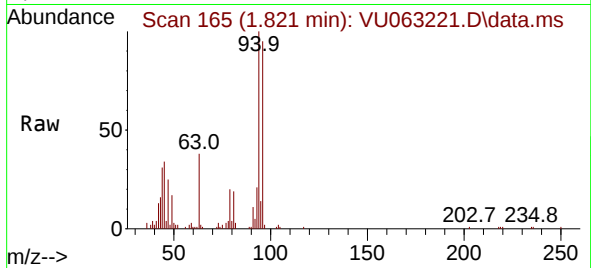
Tgt Ion: 62 Resp: 39263
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





#5
Bromomethane
Concen: 1.455 ug/l
RT: 1.821 min Scan# 10
Delta R.T. -0.022 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

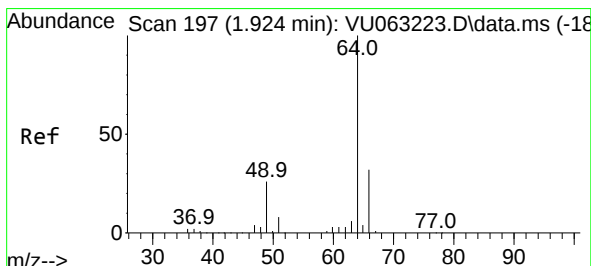
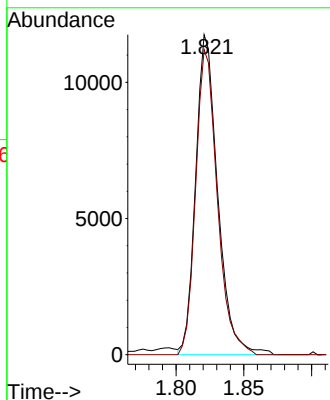
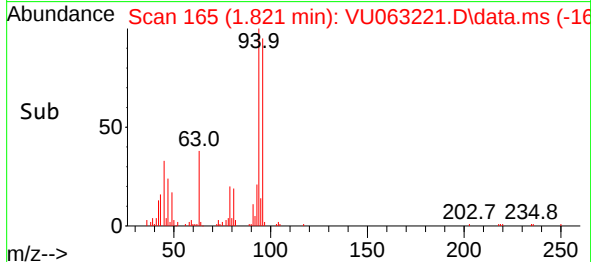
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



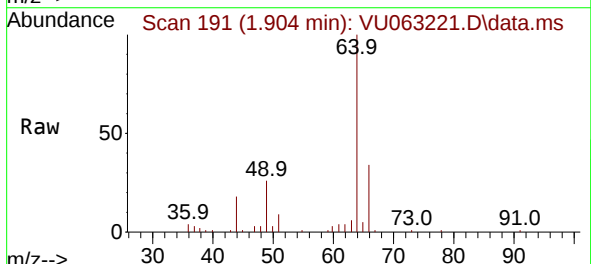
Tgt Ion: 94 Resp: 1331
Ion Ratio Lower Upper
94 100
96 95.3 75.7 113.5

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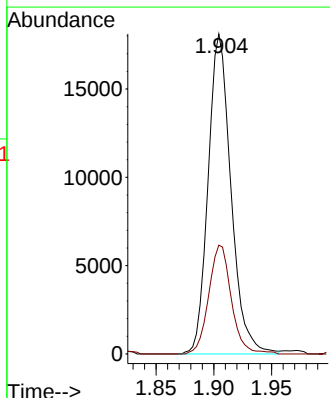
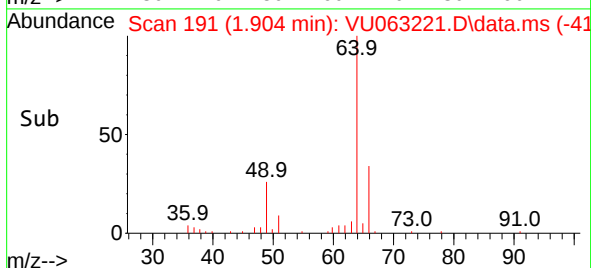
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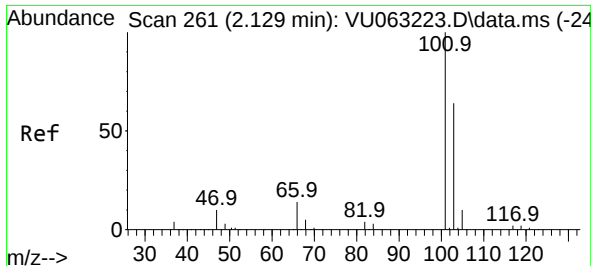


#6
Chloroethane
Concen: 2.001 ug/l
RT: 1.904 min Scan# 191
Delta R.T. -0.019 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58



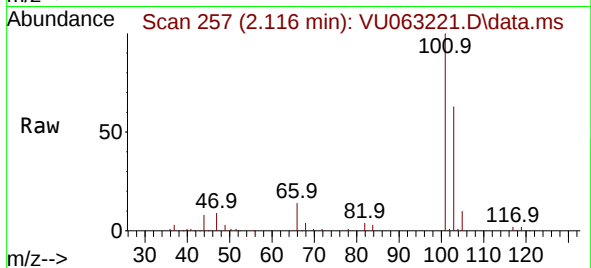
Tgt Ion: 64 Resp: 24932
Ion Ratio Lower Upper
64 100
66 34.0 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 2.060 ug/l
 RT: 2.116 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: VU063221.D
 Acq: 10 Feb 2025 13:58

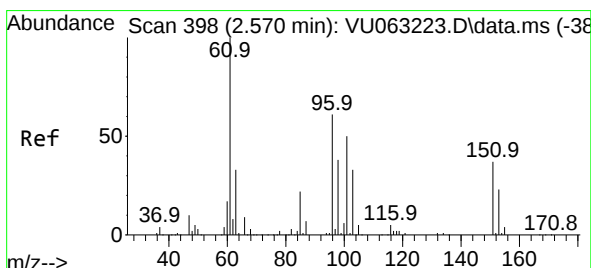
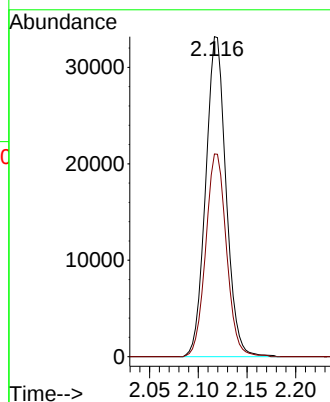
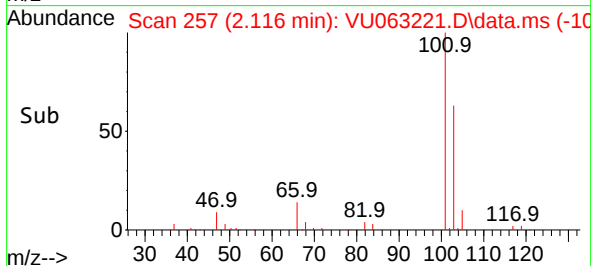
Instrument :
 MSVOA_U
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 VSTDICC002



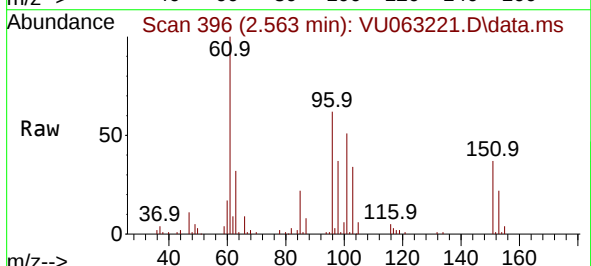
Tgt Ion:101 Resp: 48274
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.4 77.2

Manual Integrations
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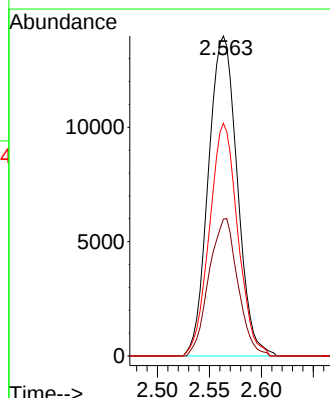
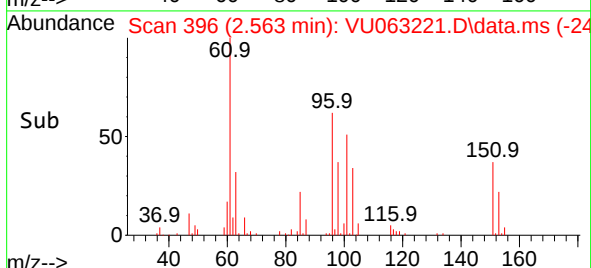
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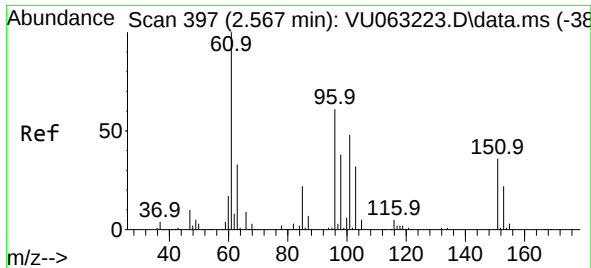


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.031 ug/l
 RT: 2.563 min Scan# 396
 Delta R.T. -0.006 min
 Lab File: VU063221.D
 Acq: 10 Feb 2025 13:58



Tgt Ion:101 Resp: 27021
 Ion Ratio Lower Upper
 101 100
 85 42.9 35.4 53.0
 151 71.2 58.5 87.7





#9

1,1-Dichloroethene

Concen: 1.996 ug/l

RT: 2.563 min Scan# 397

Delta R.T. -0.003 min

Lab File: VU063221.D

Acq: 10 Feb 2025 13:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

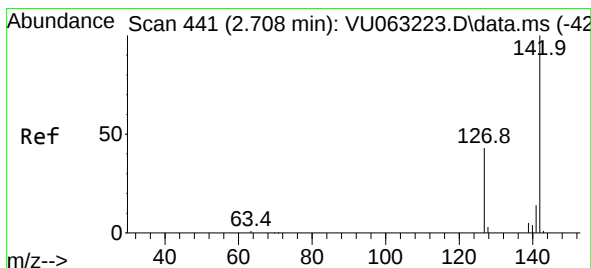
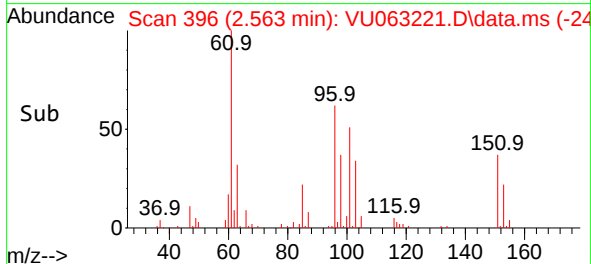
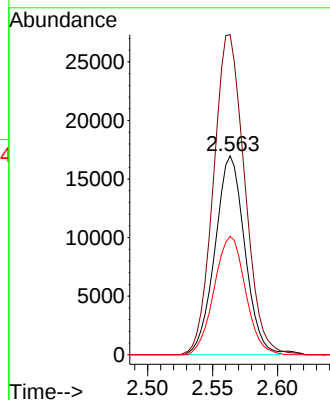
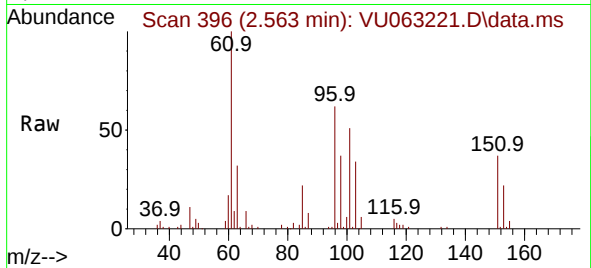
Tgt Ion:	96	Resp:	2705
Ion Ratio	Lower	Upper	
96	100		
61	160.9	0.0	492.9
98	59.4	0.0	124.0

Manual Integrations

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#10

Iodomethane

Concen: 1.951 ug/l

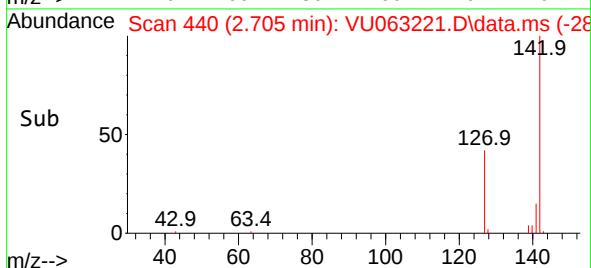
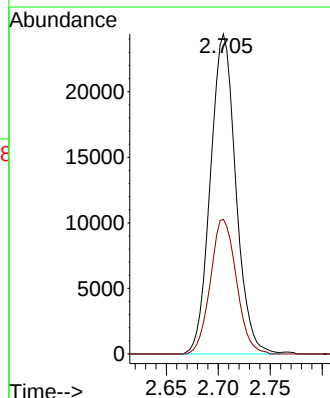
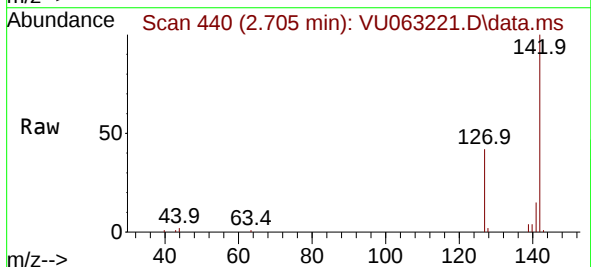
RT: 2.705 min Scan# 440

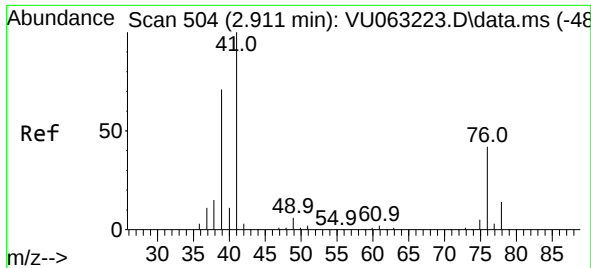
Delta R.T. -0.003 min

Lab File: VU063221.D

Acq: 10 Feb 2025 13:58

Tgt Ion:	142	Resp:	41566
Ion Ratio	Lower	Upper	
142	100		
127	43.1	34.5	51.7





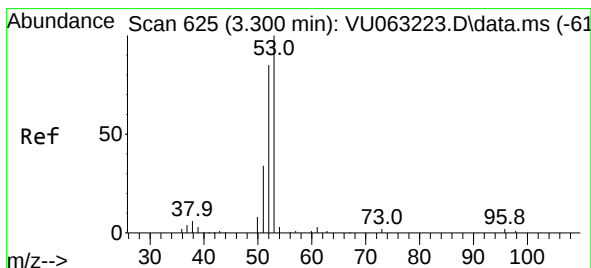
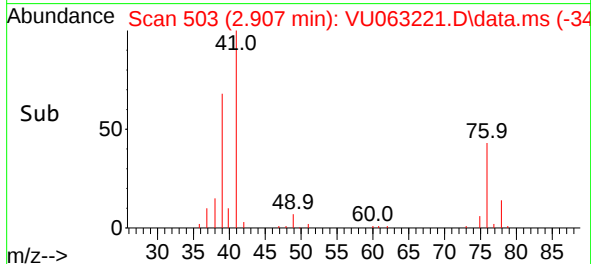
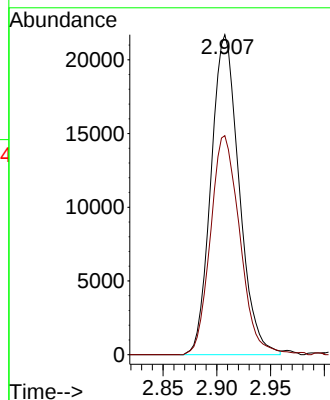
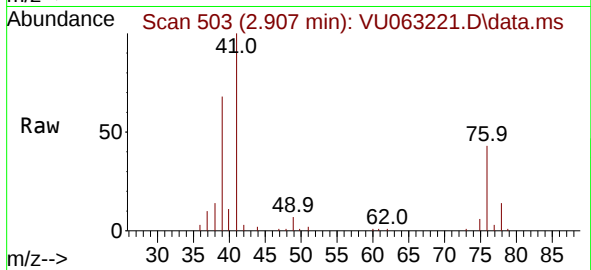
#11
 Allyl Chloride
 Concen: 2.026 ug/l
 RT: 2.907 min Scan# 504
 Delta R.T. -0.003 min
 Lab File: VU063221.D
 Acq: 10 Feb 2025 13:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002

Tgt Ion: 41 Resp: 39450
 Ion Ratio Lower Upper
 41 100
 39 71.6 57.9 86.9

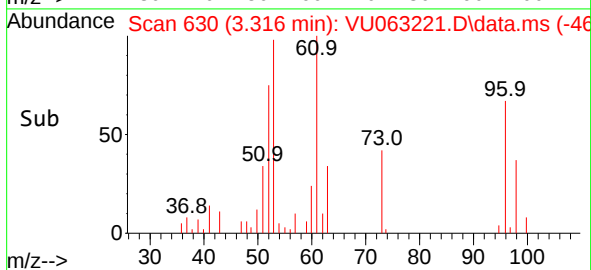
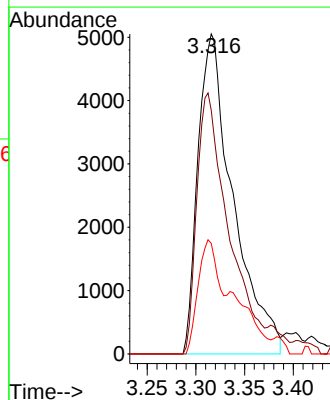
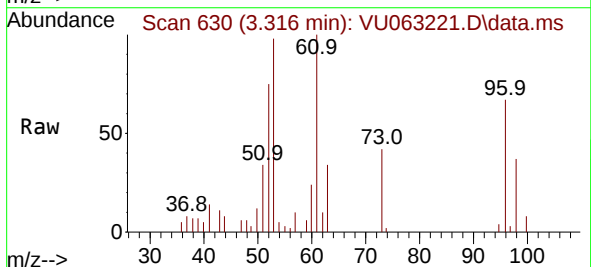
Manual Integrations
 APPROVED

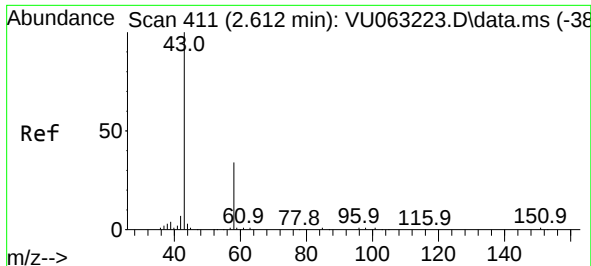
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#12
 Acrylonitrile
 Concen: 4.107 ug/l
 RT: 3.316 min Scan# 630
 Delta R.T. 0.016 min
 Lab File: VU063221.D
 Acq: 10 Feb 2025 13:58

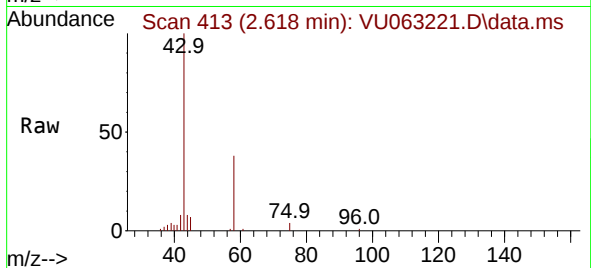
Tgt Ion: 53 Resp: 12654
 Ion Ratio Lower Upper
 53 100
 52 73.3 64.2 96.2
 51 22.6 30.8 46.2#





#13
Acetone
Concen: 9.790 ug/l
RT: 2.618 min Scan# 411
Delta R.T. 0.006 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

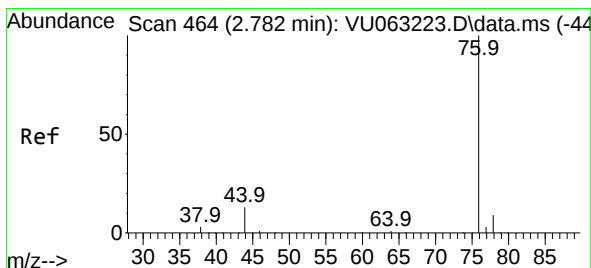
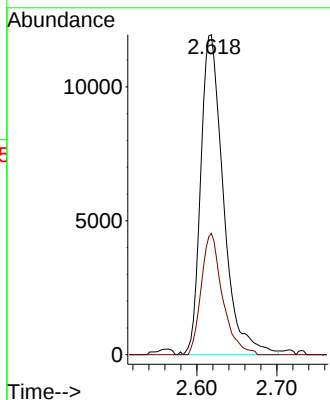
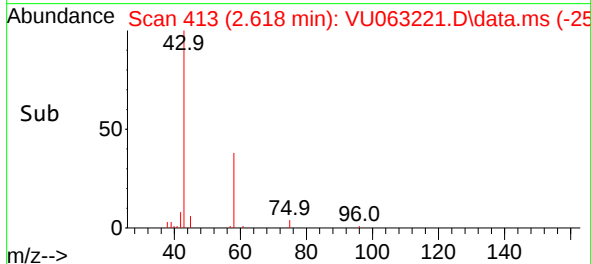
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 43 Resp: 2353
Ion Ratio Lower Upper
43 100
58 38.0 27.4 41.0

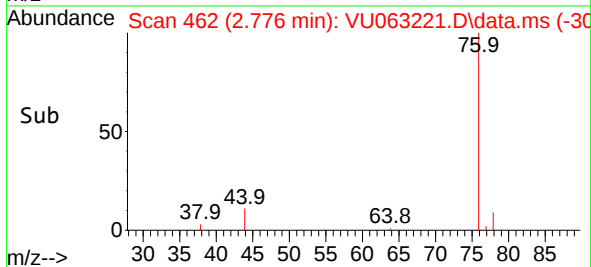
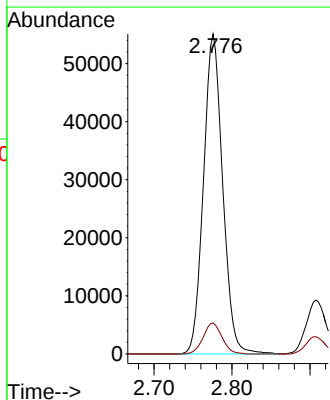
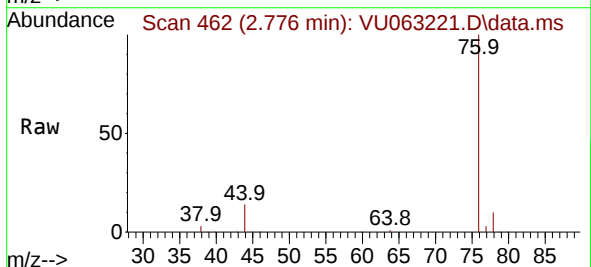
Manual Integrations
APPROVED

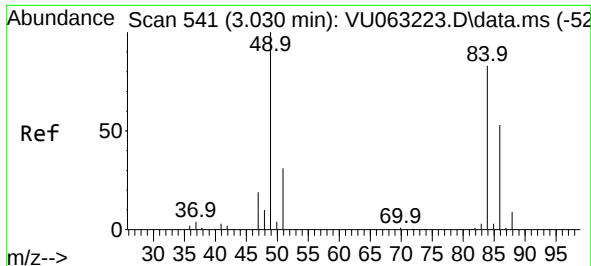
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#14
Carbon Disulfide
Concen: 1.985 ug/l
RT: 2.776 min Scan# 462
Delta R.T. -0.006 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

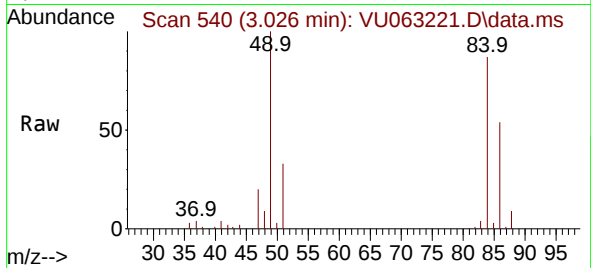
Tgt Ion: 76 Resp: 94065
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8





#15
Methylene Chloride
Concen: 1.999 ug/l
RT: 3.026 min Scan# 541
Delta R.T. -0.003 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

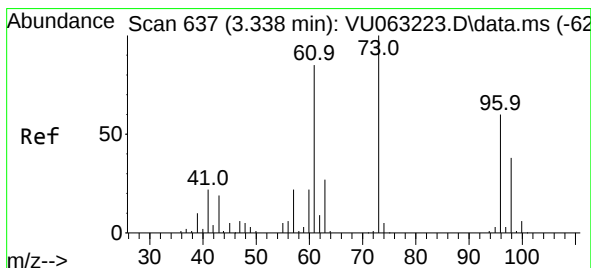
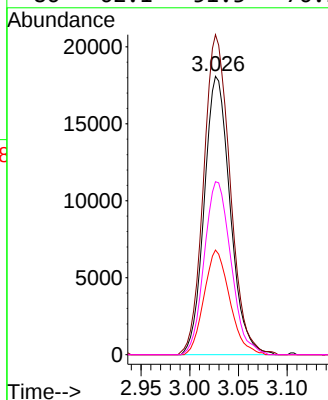
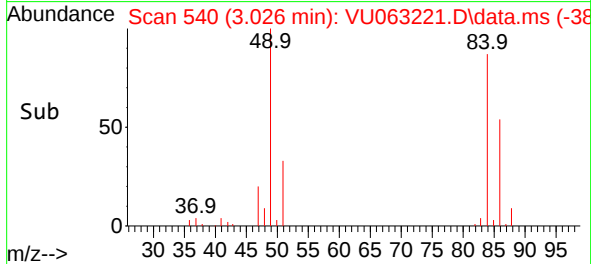
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion:	84	Resp:	33474
Ion	Ratio	Lower	Upper
84	100		
49	114.9	96.4	144.6
51	37.6	0.0	74.8
86	62.1	51.3	76.9

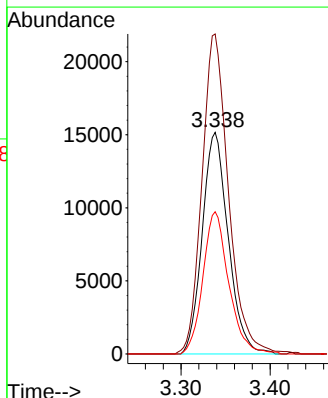
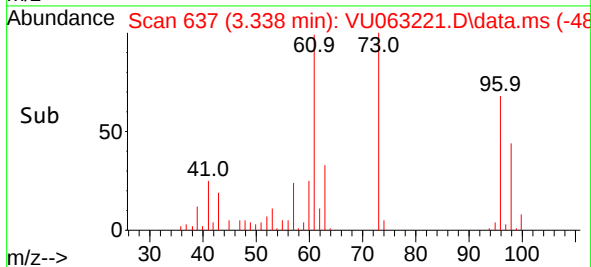
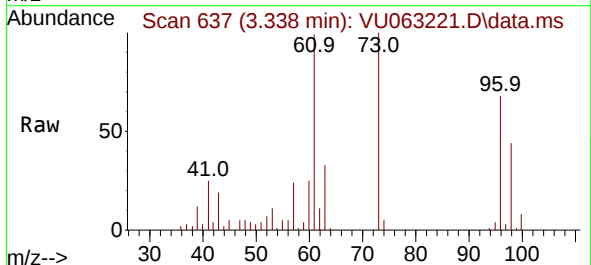
Manual Integrations
APPROVED

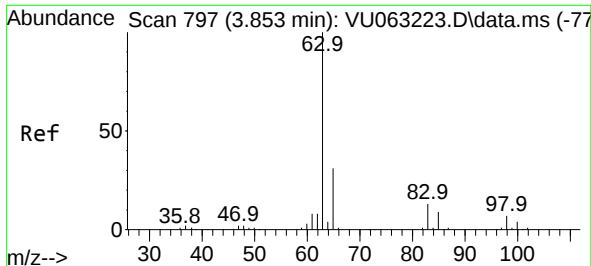
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#16
trans-1,2-Dichloroethene
Concen: 1.985 ug/l
RT: 3.338 min Scan# 637
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Tgt Ion:	96	Resp:	30710
Ion	Ratio	Lower	Upper
96	100		
61	143.5	113.4	170.2
98	64.2	51.2	76.8





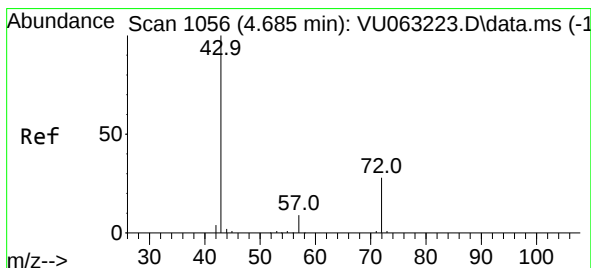
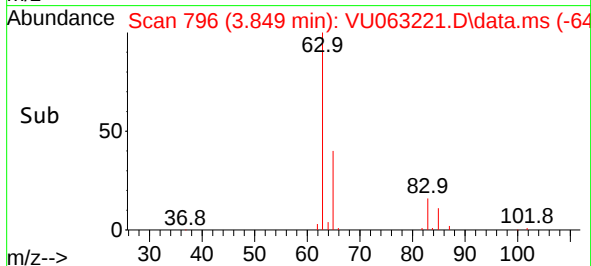
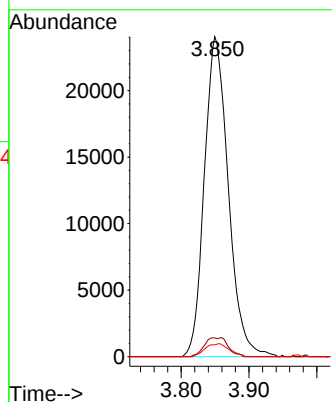
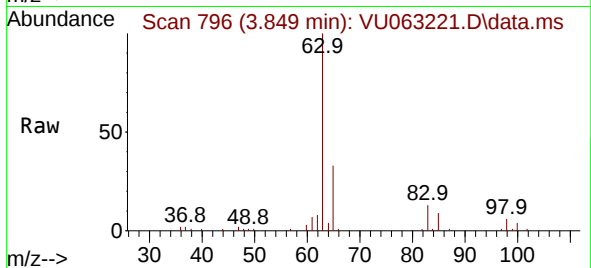
#17
1,1-Dichloroethane
Concen: 2.024 ug/l
RT: 3.849 min Scan# 797
Delta R.T. -0.003 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 63 Resp: 59018
Ion Ratio Lower Upper
63 100
98 5.8 3.3 9.9
100 3.7 2.1 6.2

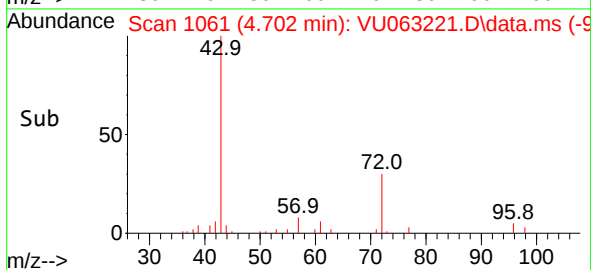
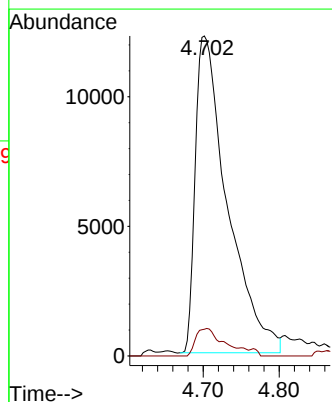
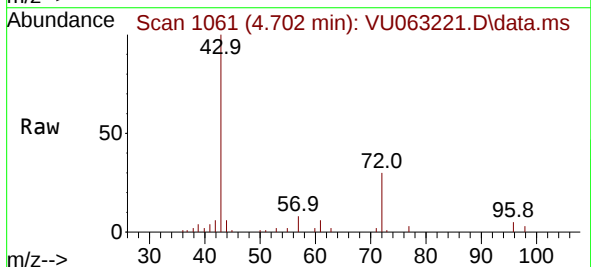
Manual Integrations
APPROVED

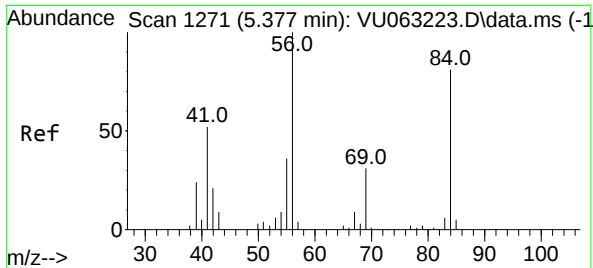
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#18
2-Butanone
Concen: 9.245 ug/l
RT: 4.702 min Scan# 1061
Delta R.T. 0.016 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

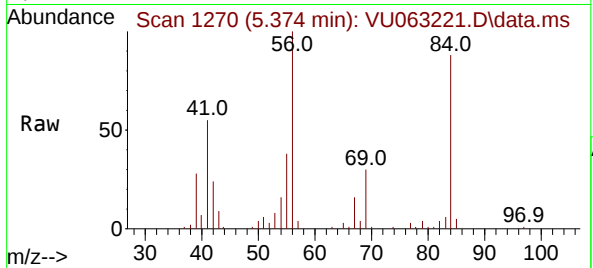
Tgt Ion: 43 Resp: 35904
Ion Ratio Lower Upper
43 100
57 8.5 0.0 17.0





#19
Cyclohexane
Concen: 1.929 ug/l m
RT: 5.374 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

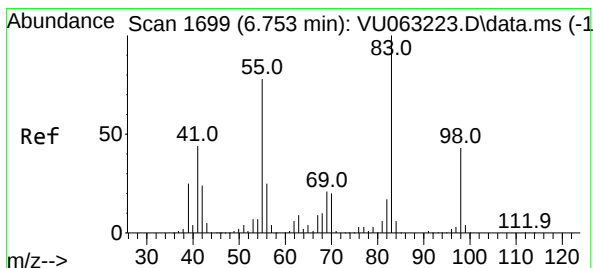
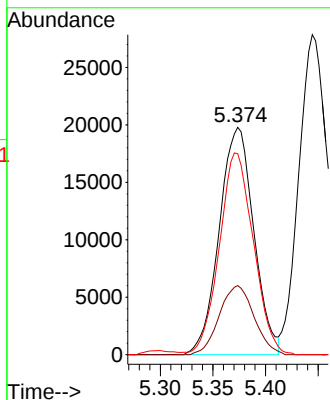
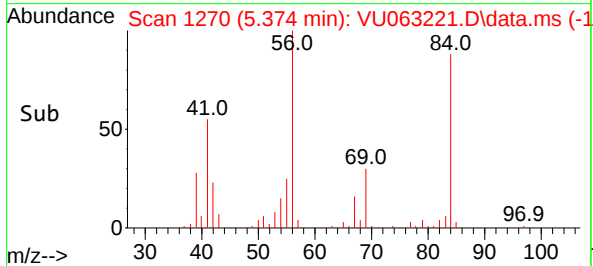
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 56 Resp: 4519
Ion Ratio Lower Upper
56 100
69 30.4 24.5 36.7
84 86.2 65.2 97.8

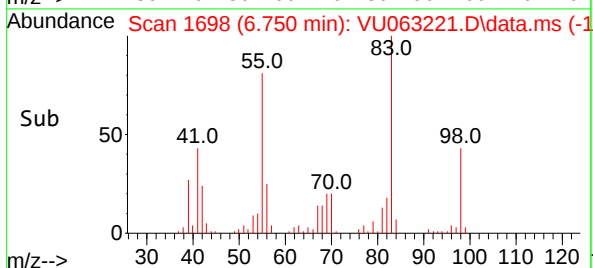
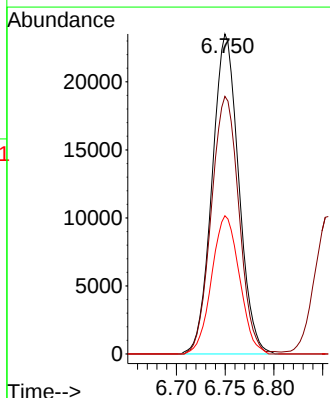
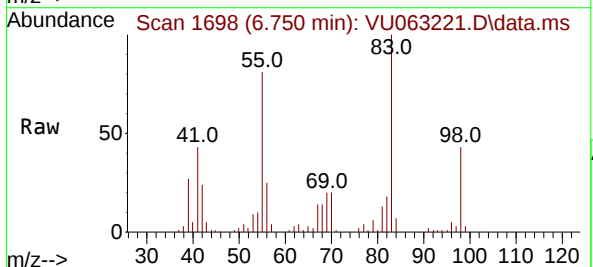
Manual Integrations
APPROVED

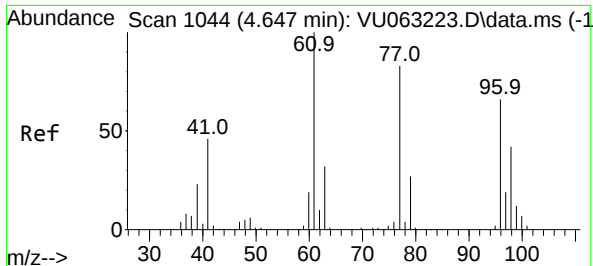
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#20
Methylcyclohexane
Concen: 1.921 ug/l
RT: 6.750 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Tgt Ion: 83 Resp: 44636
Ion Ratio Lower Upper
83 100
55 82.9 63.1 94.7
98 45.2 35.2 52.8





#21

2,2-Dichloropropane

Concen: 1.938 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VU063221.D

Acq: 10 Feb 2025 13:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 77 Resp: 4409

Ion Ratio Lower Upper

77 100

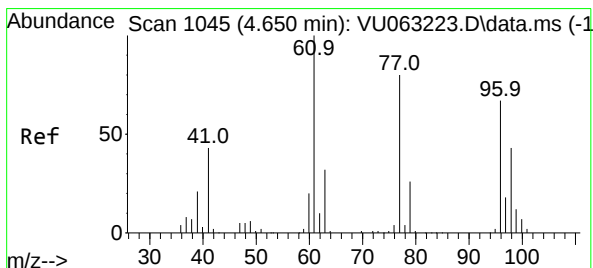
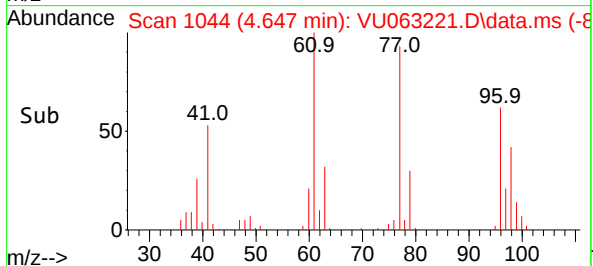
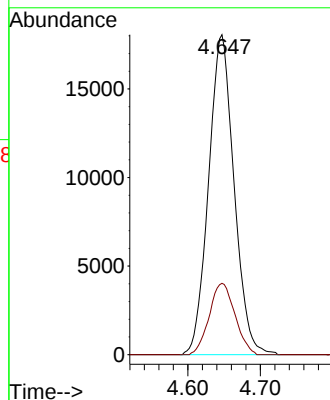
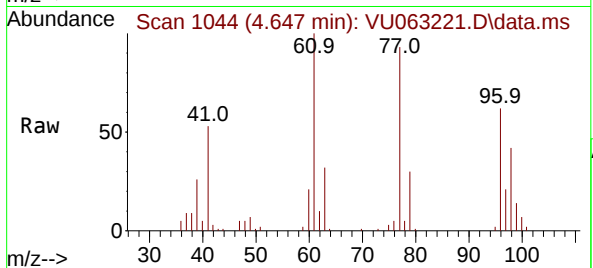
97 22.5 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#22

cis-1,2-Dichloroethene

Concen: 1.958 ug/l

RT: 4.653 min Scan# 1046

Delta R.T. 0.003 min

Lab File: VU063221.D

Acq: 10 Feb 2025 13:58

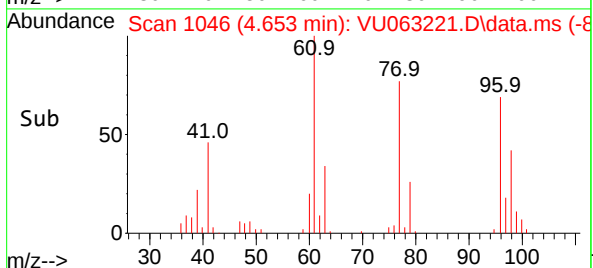
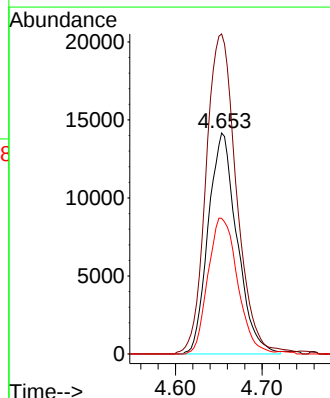
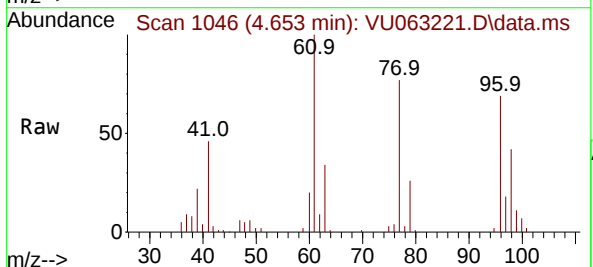
Tgt Ion: 96 Resp: 32738

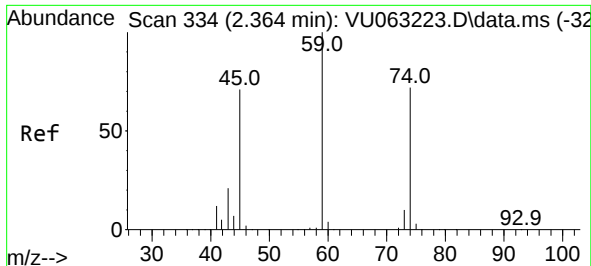
Ion Ratio Lower Upper

96 100

61 153.1 0.0 373.3

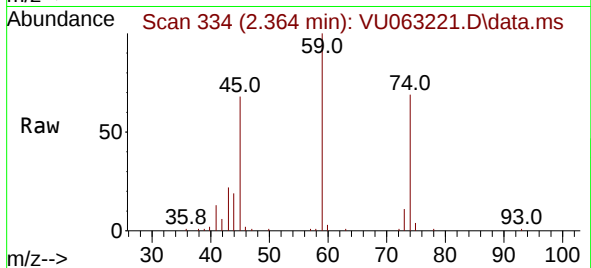
98 63.1 31.9 95.9





#23
Diethyl Ether
Concen: 1.977 ug/l
RT: 2.364 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

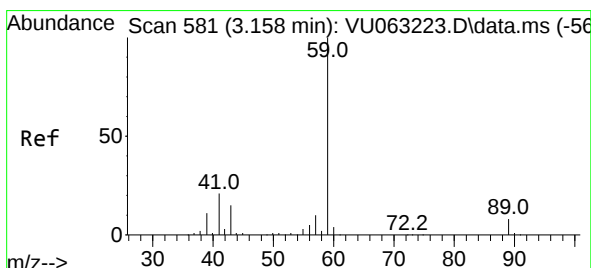
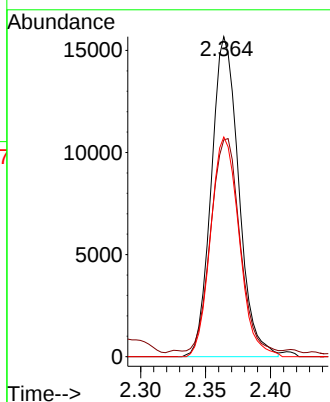
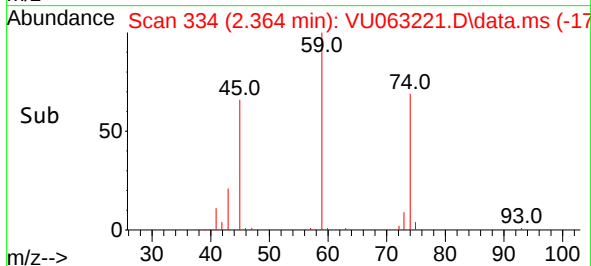
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion: 59 Resp: 22998
Ion Ratio Lower Upper
59 100
45 69.8 57.8 86.6
74 71.4 57.7 86.5

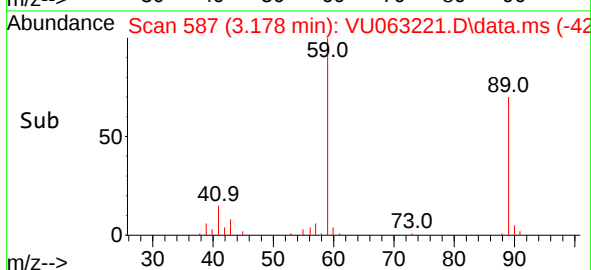
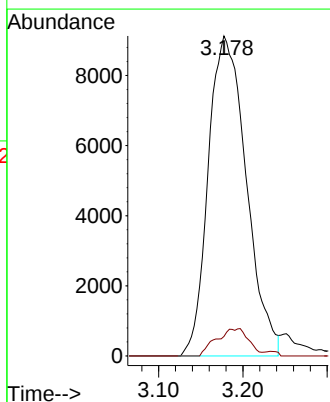
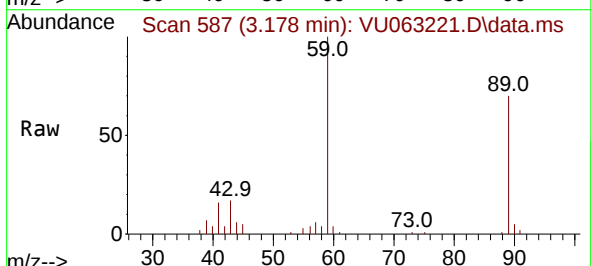
Manual Integrations
APPROVED

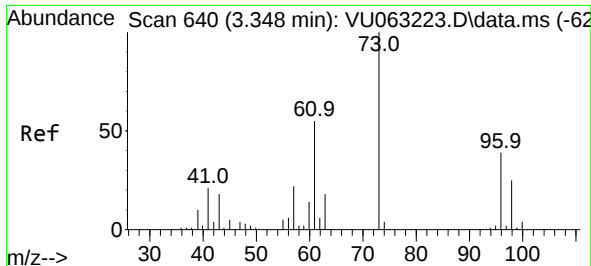
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#24
tert-Butyl Alcohol
Concen: 18.780 ug/l
RT: 3.178 min Scan# 587
Delta R.T. 0.019 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

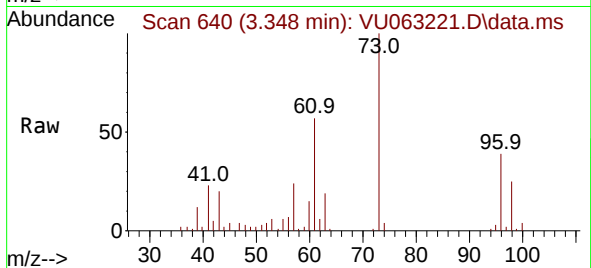
Tgt Ion: 59 Resp: 28594
Ion Ratio Lower Upper
59 100
57 4.4 7.5 11.3#





#25
Methyl tert-Butyl Ether
Concen: 1.950 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

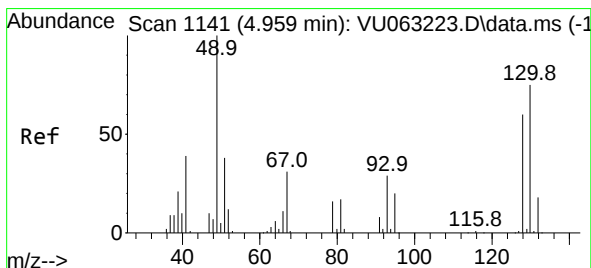
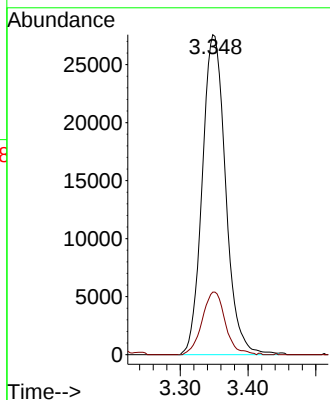
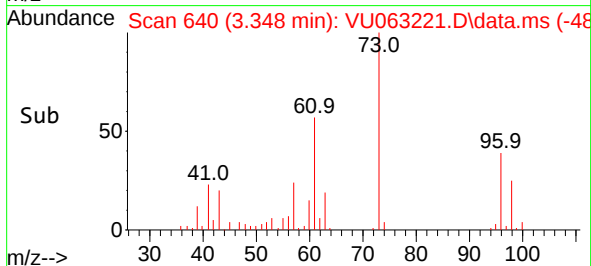
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



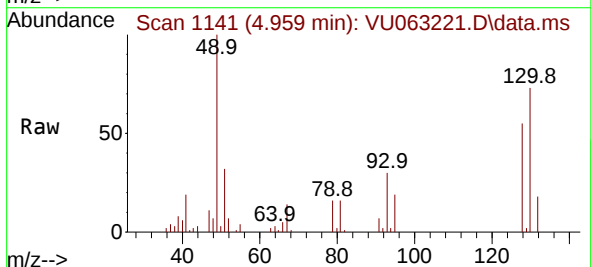
Tgt Ion: 73 Resp: 6601
Ion Ratio Lower Upper
73 100
43 19.4 14.9 22.3

Manual Integrations
APPROVED

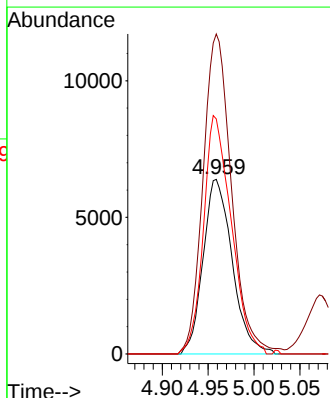
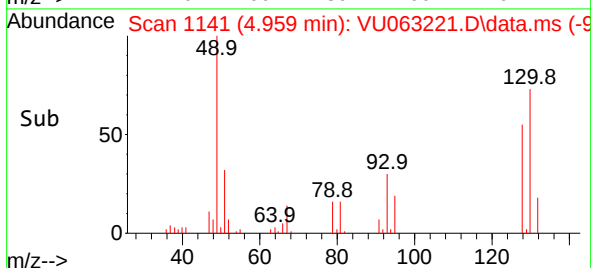
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

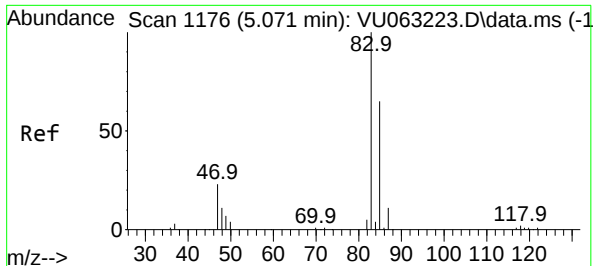


#26
Bromochloromethane
Concen: 1.931 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58



Tgt Ion:128 Resp: 14111
Ion Ratio Lower Upper
128 100
49 179.3 0.0 343.4
130 130.6 102.9 154.3





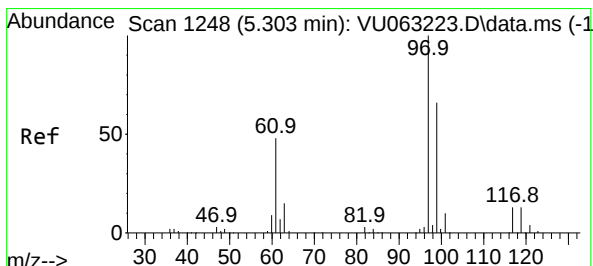
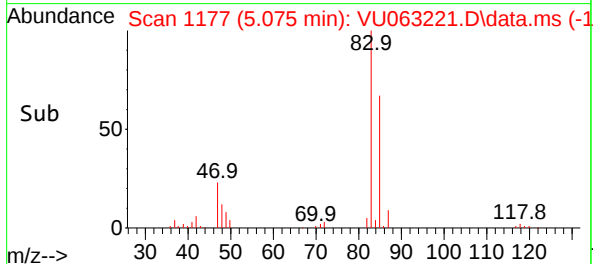
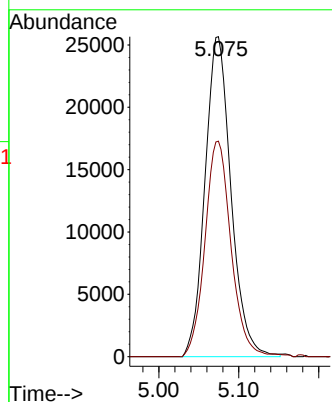
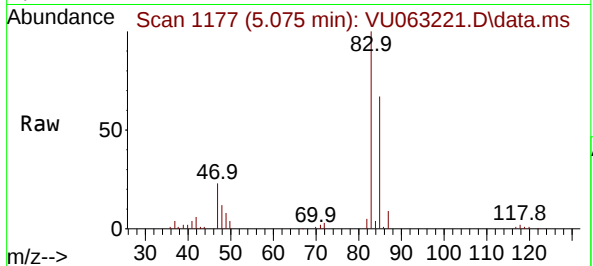
#27
Chloroform
Concen: 1.972 ug/l
RT: 5.075 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 83 Resp: 58030
Ion Ratio Lower Upper
83 100
85 67.3 0.0 129.8

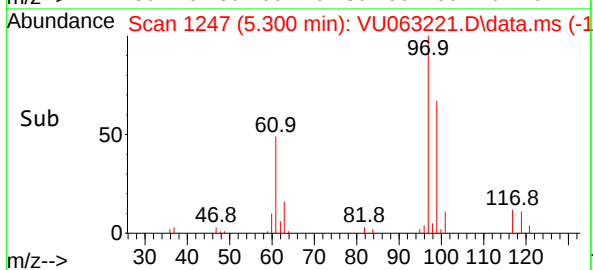
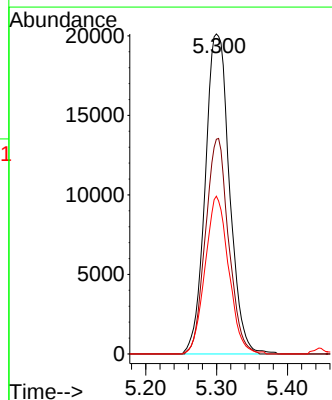
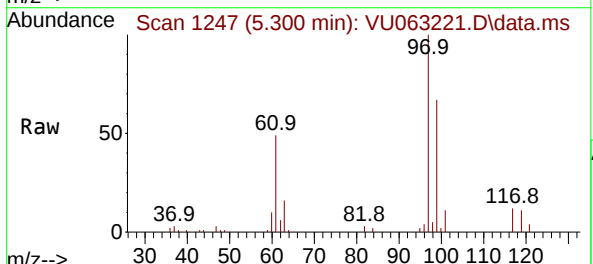
Manual Integrations
APPROVED

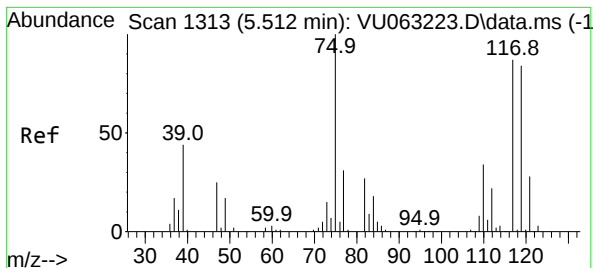
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#28
1,1,1-Trichloroethane
Concen: 2.009 ug/l
RT: 5.300 min Scan# 1247
Delta R.T. -0.003 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Tgt Ion: 97 Resp: 47900
Ion Ratio Lower Upper
97 100
99 64.2 32.4 97.0
61 47.9 23.8 71.2





#29

1,1-Dichloropropene

Concen: 2.022 ug/l

RT: 5.512 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VU063221.D

Acq: 10 Feb 2025 13:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 75 Resp: 4316

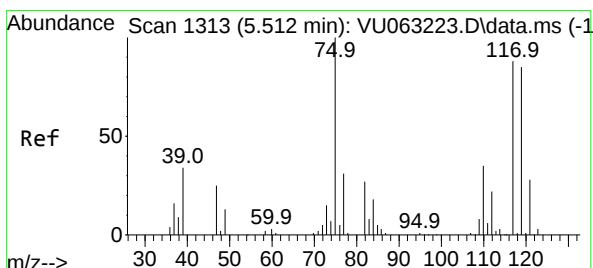
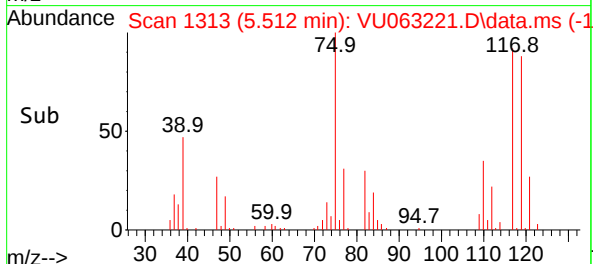
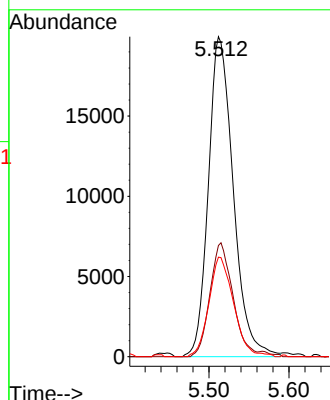
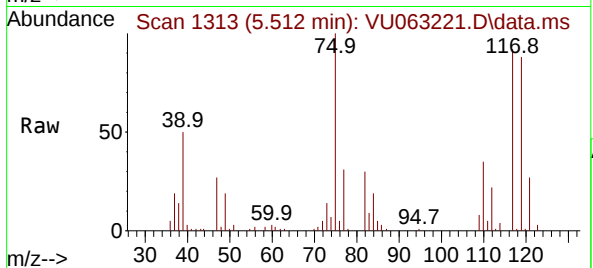
Ion	Ratio	Lower	Upper
75	100		
110	32.7	17.2	51.5
77	30.8	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#30

Carbon Tetrachloride

Concen: 1.979 ug/l

RT: 5.509 min Scan# 1312

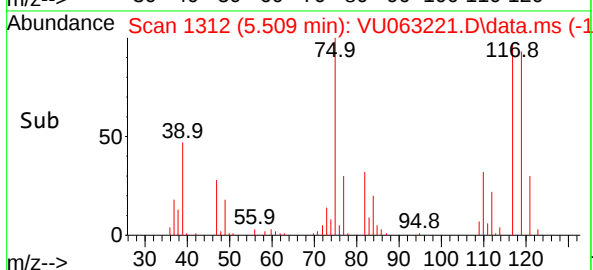
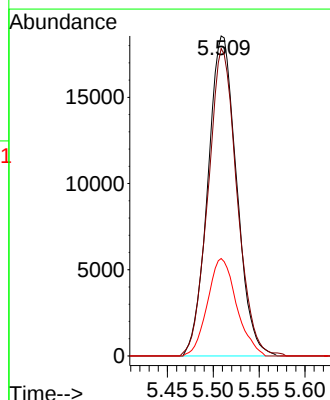
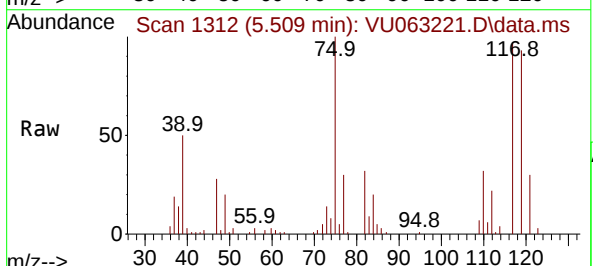
Delta R.T. -0.003 min

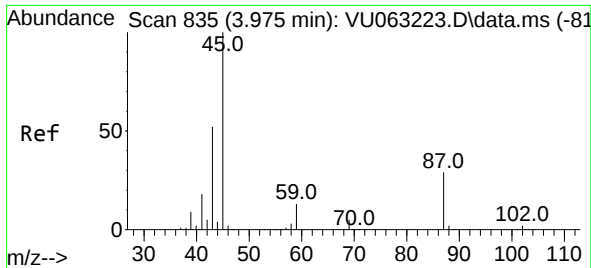
Lab File: VU063221.D

Acq: 10 Feb 2025 13:58

Tgt Ion:117 Resp: 40459

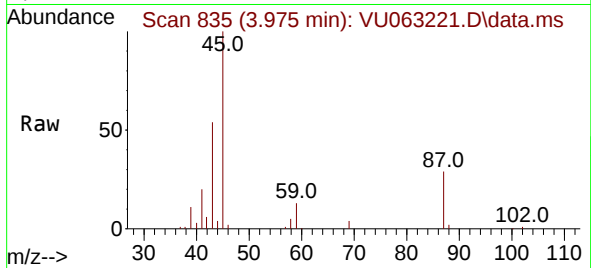
Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.7	115.1
121	30.5	25.5	38.3





#31
Isopropyl Ether
Concen: 1.966 ug/l
RT: 3.975 min Scan# 835
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

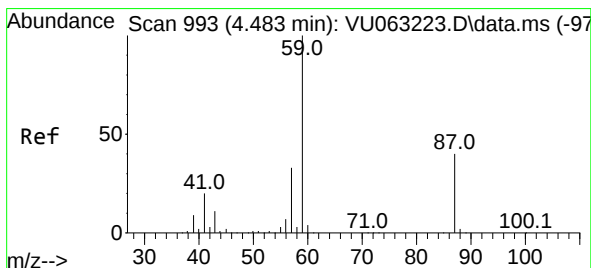
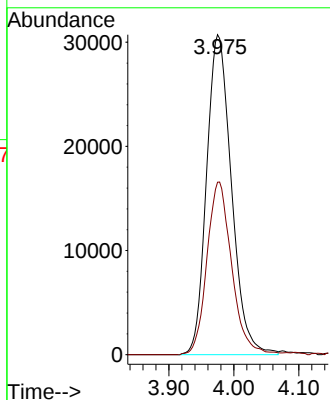
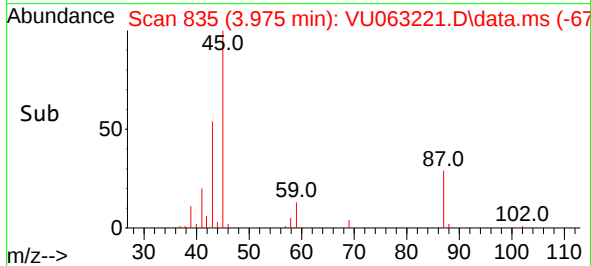
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



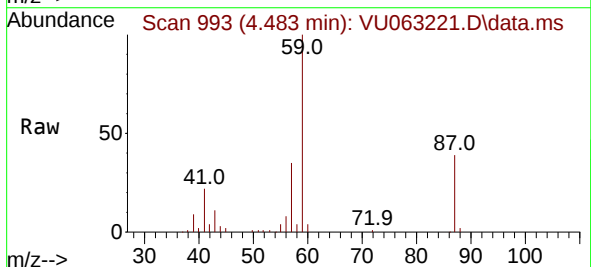
Tgt Ion: 45 Resp: 81829
Ion Ratio Lower Upper
45 100
43 53.7 25.7 77.1

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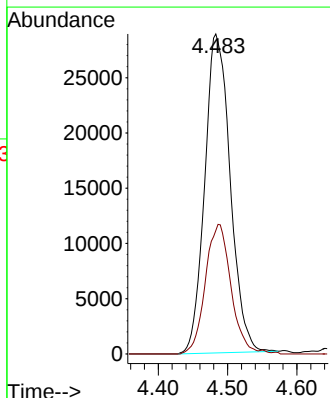
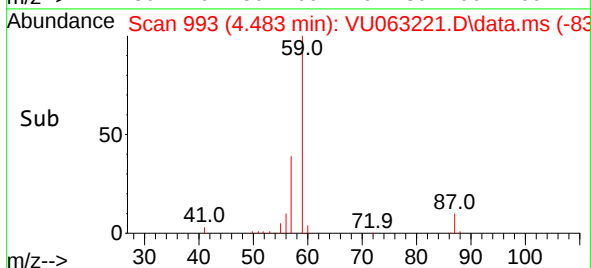
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

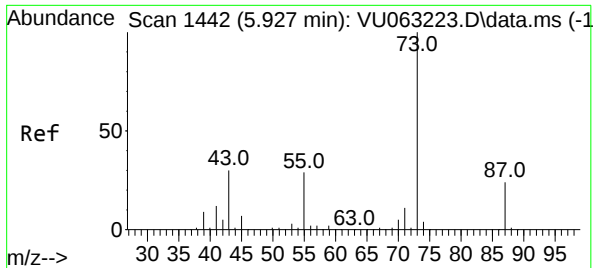


#32
Ethyl-t-butyl ether
Concen: 1.951 ug/l
RT: 4.483 min Scan# 993
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58



Tgt Ion: 59 Resp: 73881
Ion Ratio Lower Upper
59 100
87 39.2 32.6 49.0





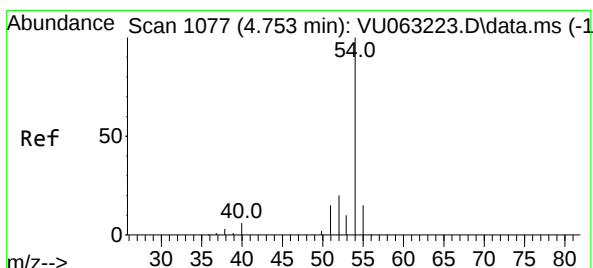
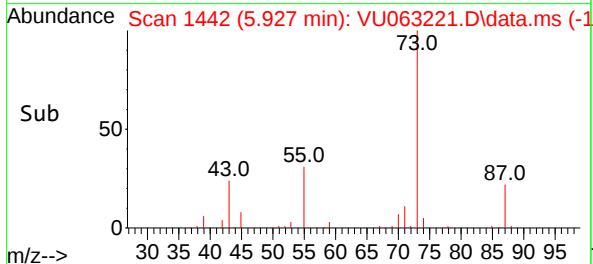
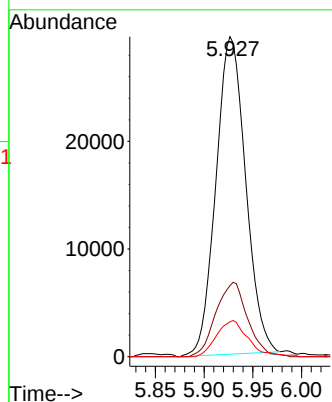
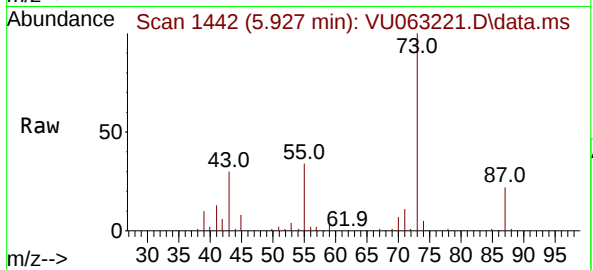
#33
Tert-Amyl methyl ether
Concen: 1.891 ug/l
RT: 5.927 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 73 Resp: 6254
Ion Ratio Lower Upper
73 100
87 24.9 18.9 28.3
71 12.2 9.0 13.4

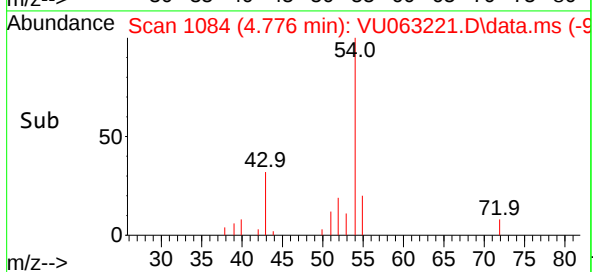
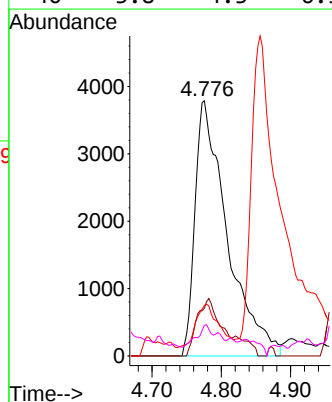
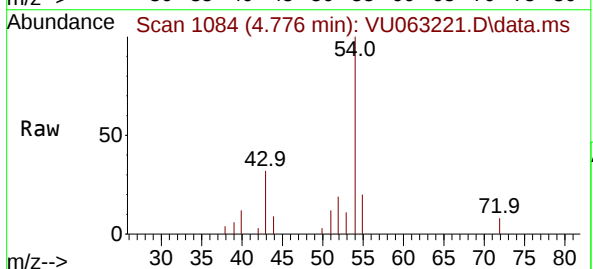
Manual Integrations
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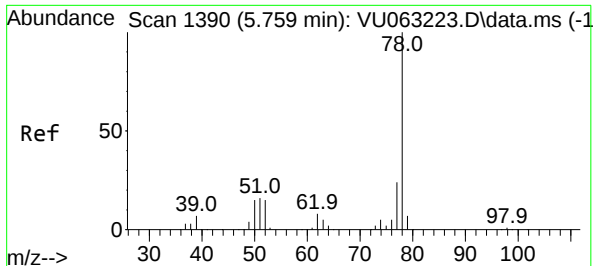
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#34
Propionitrile
Concen: 10.151 ug/l
RT: 4.776 min Scan# 1084
Delta R.T. 0.023 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Tgt Ion: 54 Resp: 12222
Ion Ratio Lower Upper
54 100
52 16.1 16.3 24.5#
55 11.4 11.8 17.6#
40 3.8 4.3 6.5#





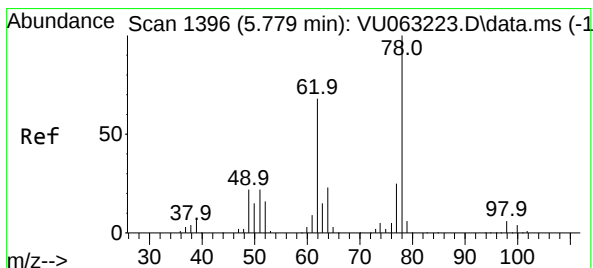
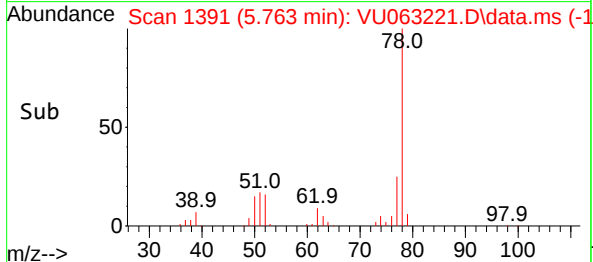
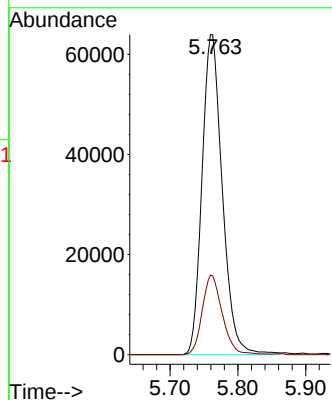
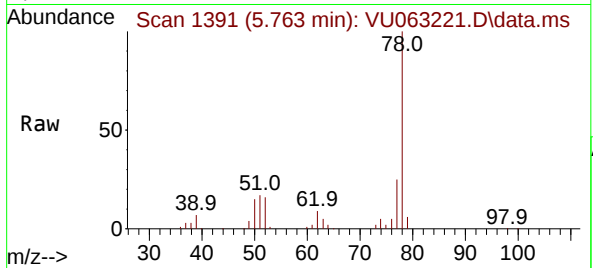
#35
Benzene
Concen: 2.022 ug/l
RT: 5.763 min Scan# 1390
Delta R.T. 0.003 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 78 Resp: 132758
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.4

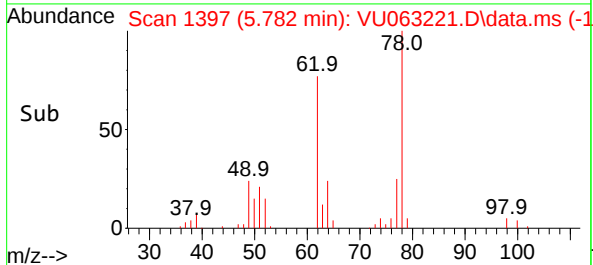
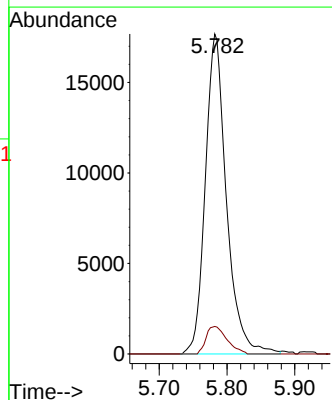
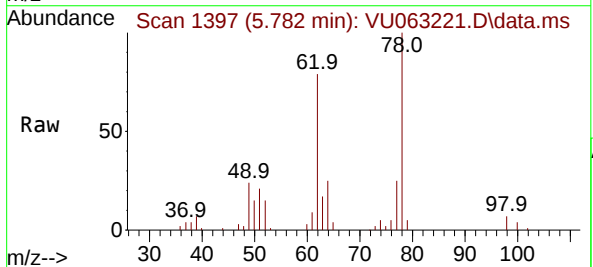
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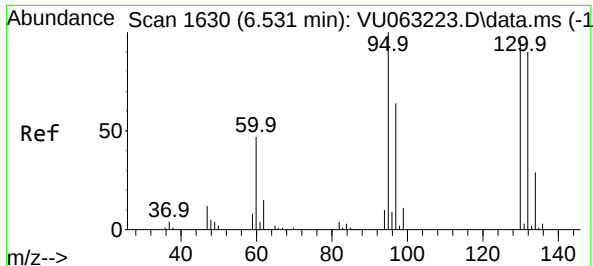
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#36
1,2-Dichloroethane
Concen: 2.020 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. 0.003 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

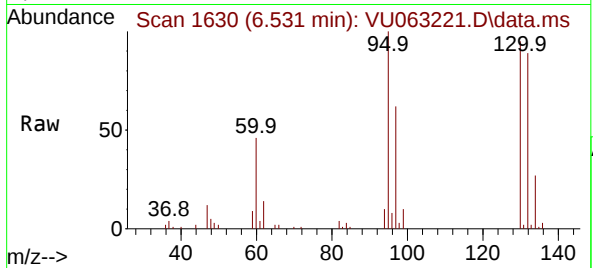
Tgt Ion: 62 Resp: 38273
Ion Ratio Lower Upper
62 100
98 8.5 6.9 10.3





#37
Trichloroethene
Concen: 2.013 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

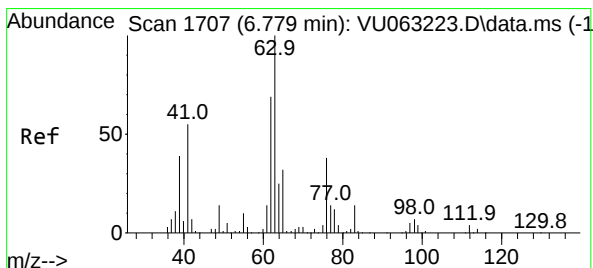
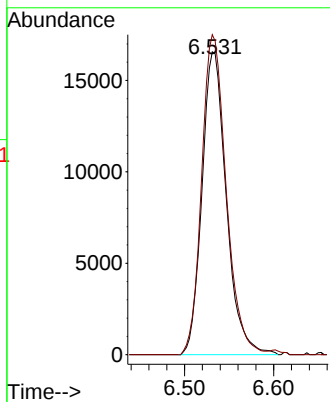
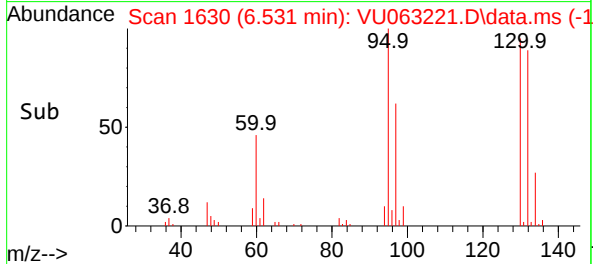
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



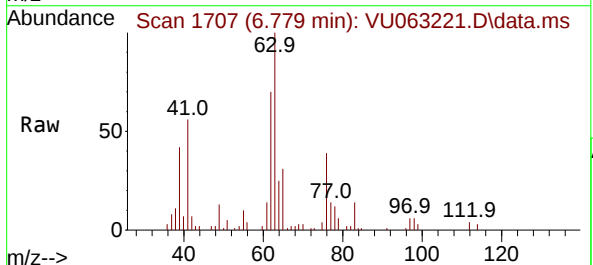
Tgt Ion:130 Resp: 31430
Ion Ratio Lower Upper
130 100
95 105.6 83.2 124.8

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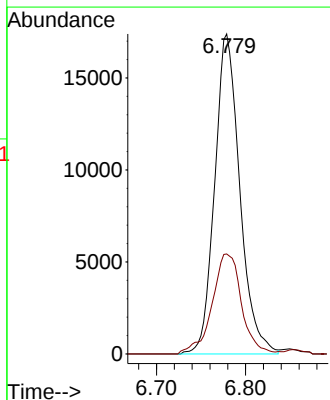
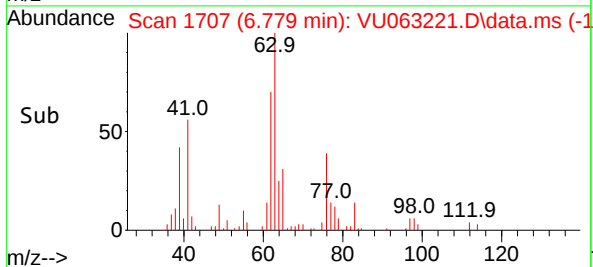
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

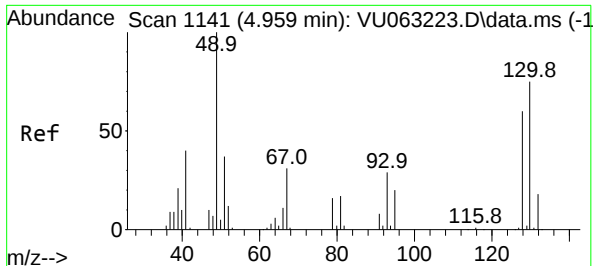


#38
1,2-Dichloropropane
Concen: 1.983 ug/l
RT: 6.779 min Scan# 1707
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58



Tgt Ion: 63 Resp: 34066
Ion Ratio Lower Upper
63 100
65 31.3 25.3 37.9





#39

Methacrylonitrile

Concen: 1.955 ug/l

RT: 4.968 min Scan# 1141

Delta R.T. 0.010 min

Lab File: VU063221.D

Acq: 10 Feb 2025 13:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 41 Resp: 840

Ion Ratio Lower Upper

41 100

67 78.1 64.5 96.7

39 51.0 43.0 64.6

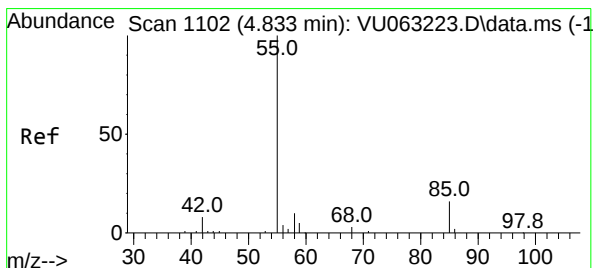
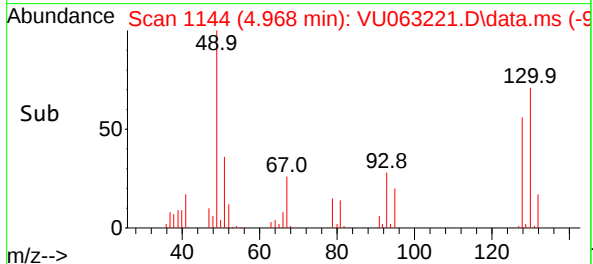
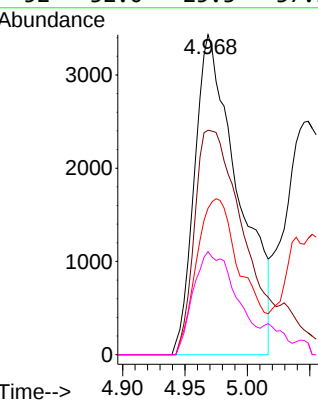
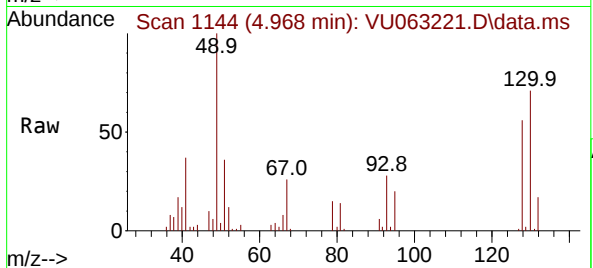
52 32.0 25.3 37.9

Manual Integrations

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Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#40

Methyl acrylate

Concen: 2.038 ug/l m

RT: 4.856 min Scan# 1109

Delta R.T. 0.023 min

Lab File: VU063221.D

Acq: 10 Feb 2025 13:58

Tgt Ion: 55 Resp: 16003

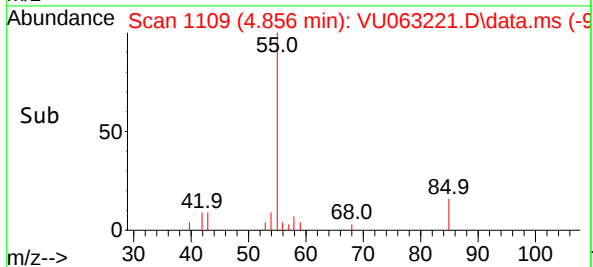
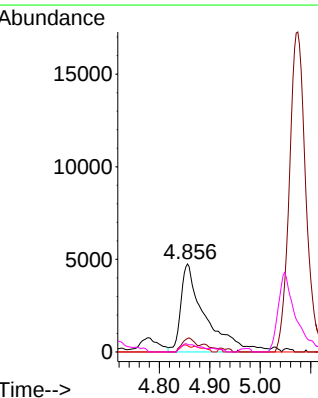
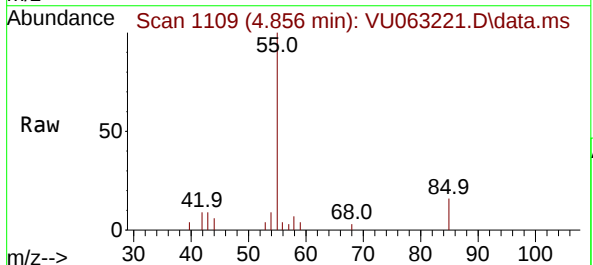
Ion Ratio Lower Upper

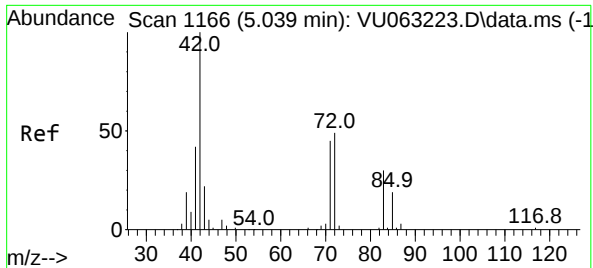
55 100

85 8.6 13.3 19.9#

58 3.0 7.3 10.9#

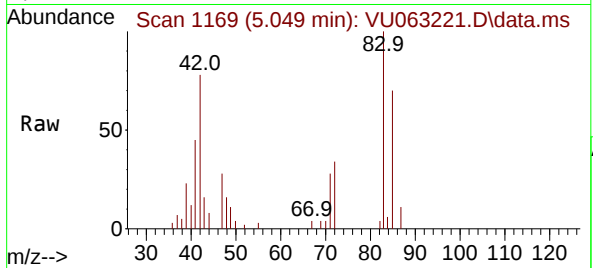
42 5.5 6.9 10.3#





#41
Tetrahydrofuran
Concen: 4.106 ug/l
RT: 5.049 min Scan# 1166
Delta R.T. 0.010 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

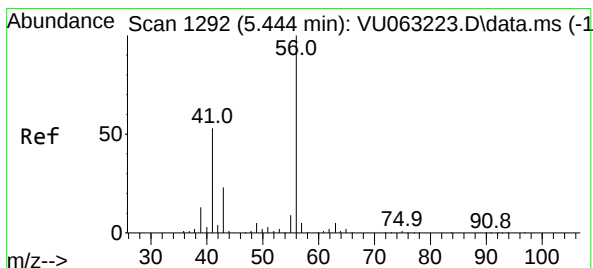
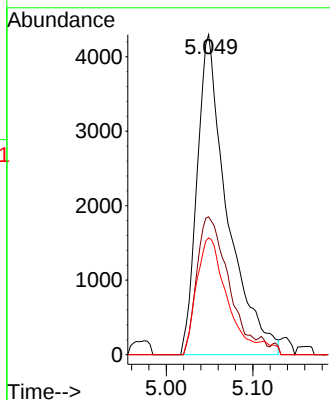
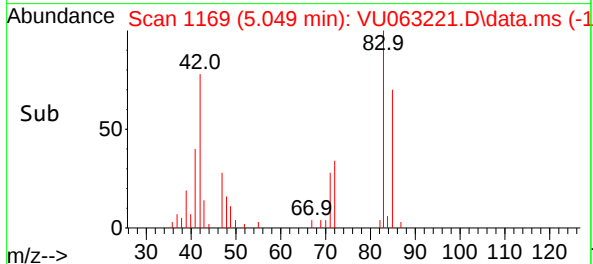
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



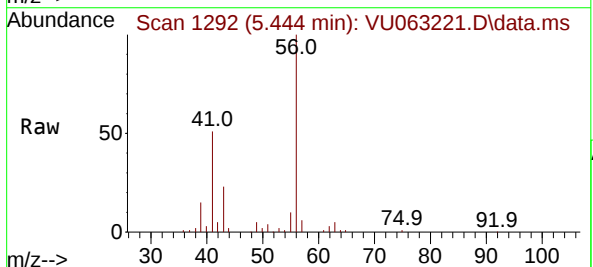
Tgt Ion: 42 Resp: 10378
Ion Ratio Lower Upper
42 100
72 45.1 41.5 62.3
71 36.2 37.2 55.8

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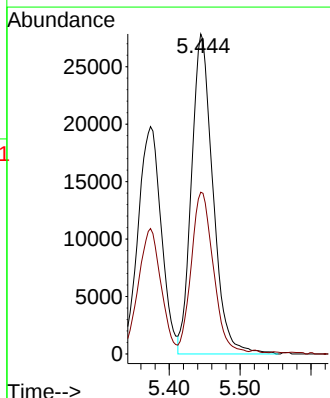
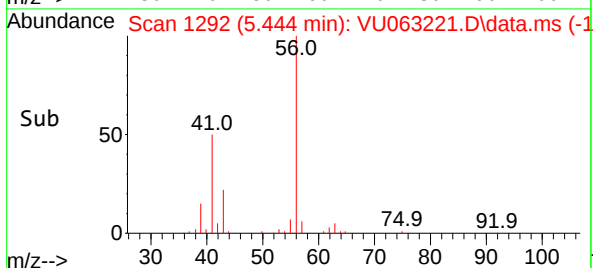
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

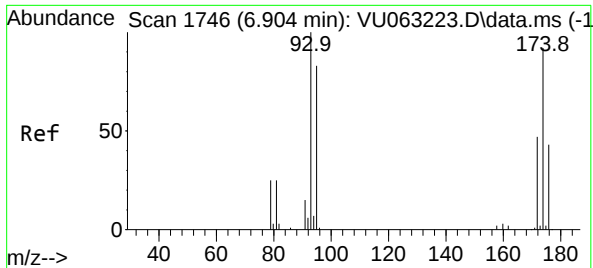


#42
1-Chlorobutane
Concen: 2.001 ug/l
RT: 5.444 min Scan# 1292
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58



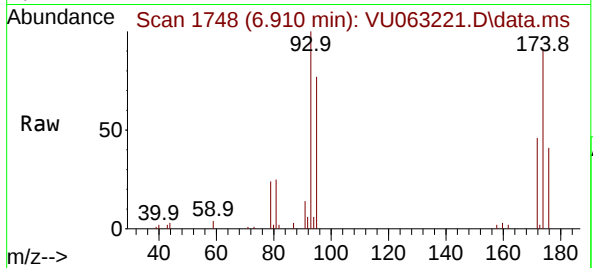
Tgt Ion: 56 Resp: 58462
Ion Ratio Lower Upper
56 100
41 51.0 26.3 78.8





#43
Dibromomethane
Concen: 1.996 ug/l
RT: 6.910 min Scan# 1746
Delta R.T. 0.006 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

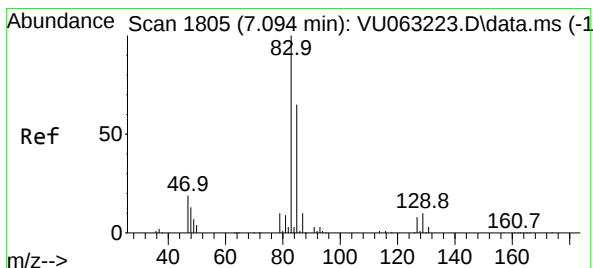
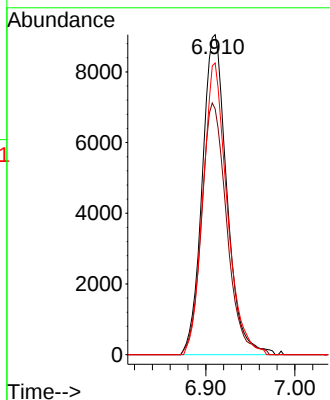
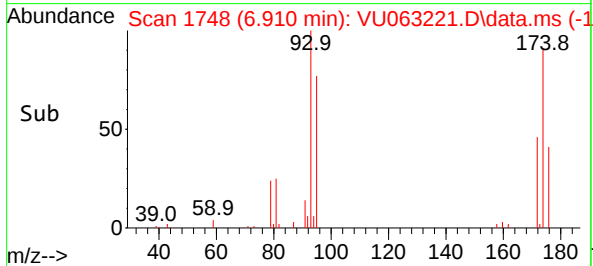
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



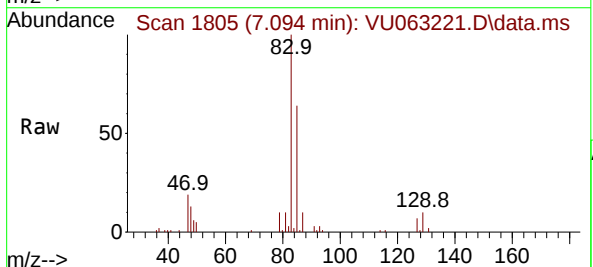
Tgt Ion: 93 Resp: 1736
Ion Ratio Lower Upper
93 100
95 80.0 67.2 100.8
174 89.2 75.7 113.5

Manual Integrations
APPROVED

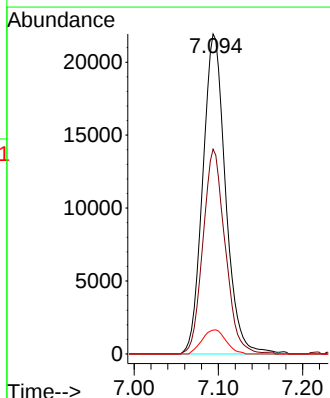
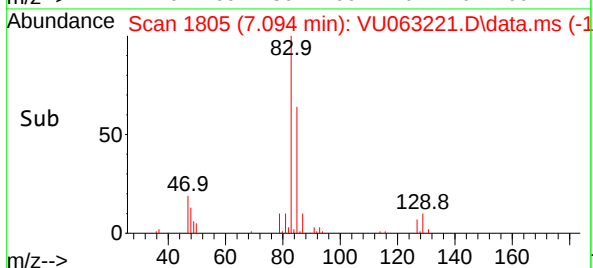
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

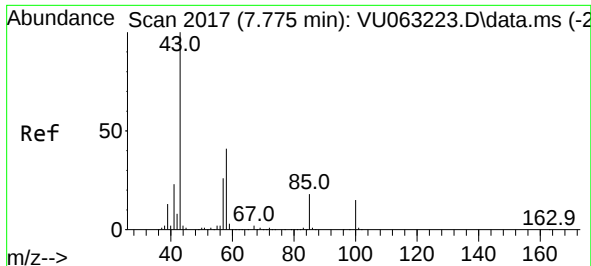


#44
Bromodichloromethane
Concen: 2.035 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58



Tgt Ion: 83 Resp: 41213
Ion Ratio Lower Upper
83 100
85 64.0 51.7 77.5
127 7.4 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 9.751 ug/l

RT: 7.782 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VU063221.D

Acq: 10 Feb 2025 13:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

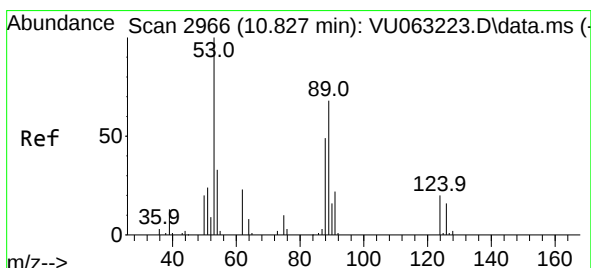
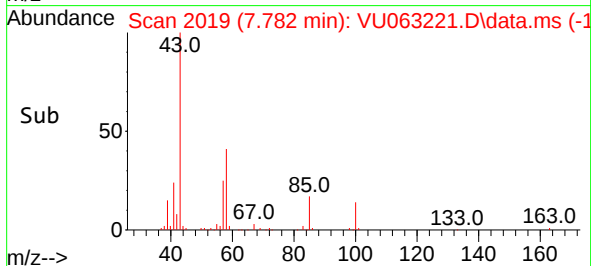
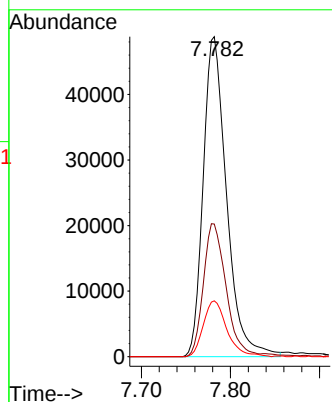
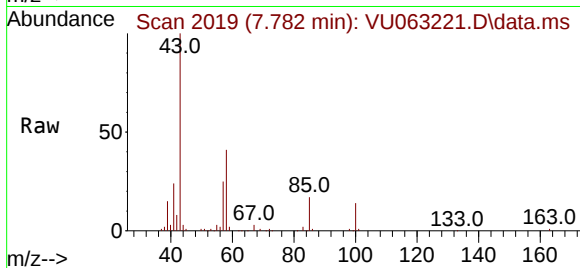
Tgt Ion:	43	Resp:	8894
Ion	Ratio	Lower	Upper
43	100		
58	40.2	20.8	62.5
85	17.7	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#46

t-1,4-Dichloro-2-butene

Concen: 4.176 ug/l m

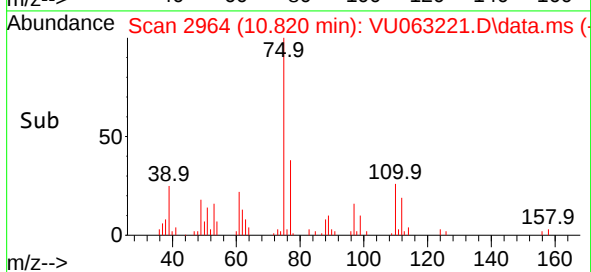
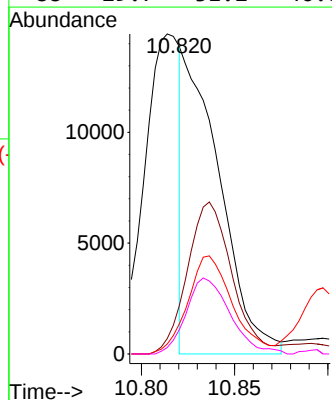
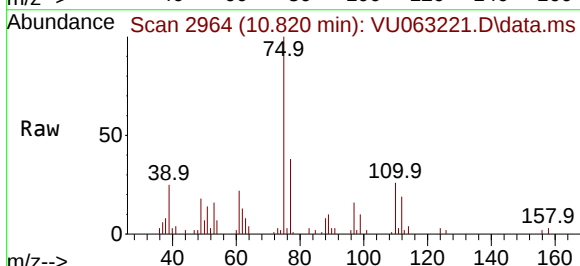
RT: 10.820 min Scan# 2964

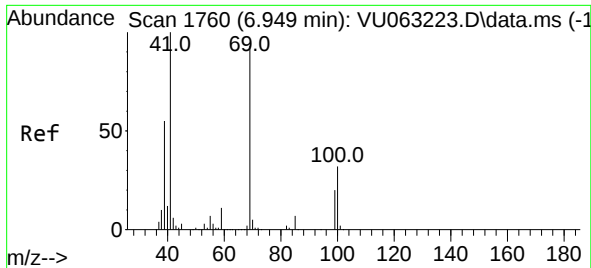
Delta R.T. -0.006 min

Lab File: VU063221.D

Acq: 10 Feb 2025 13:58

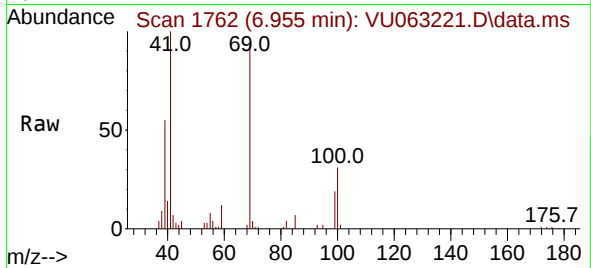
Tgt Ion:	75	Resp:	18852
Ion	Ratio	Lower	Upper
75	100		
53	60.4	64.5	96.7#
89	39.0	43.4	65.2#
88	29.7	31.2	46.8#





#47
Methyl methacrylate
Concen: 3.740 ug/l
RT: 6.955 min Scan# 1761
Delta R.T. 0.006 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

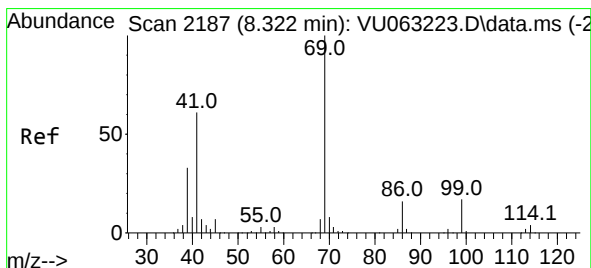
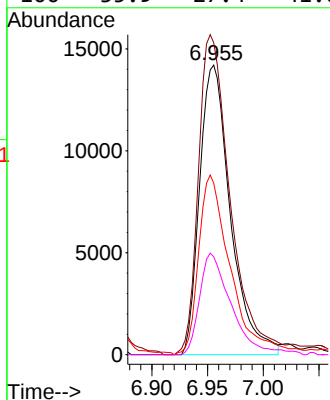
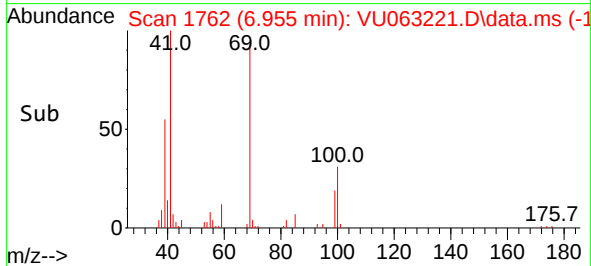
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 69 Resp: 2741
Ion Ratio Lower Upper
69 100
41 113.8 0.0 217.0
39 64.1 47.7 71.5
100 35.9 27.4 41.0

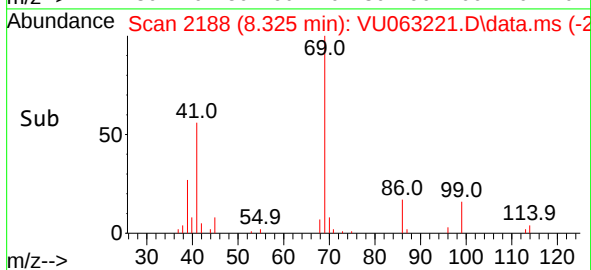
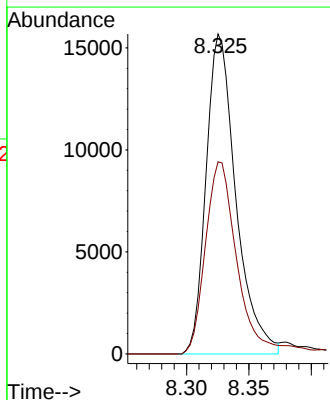
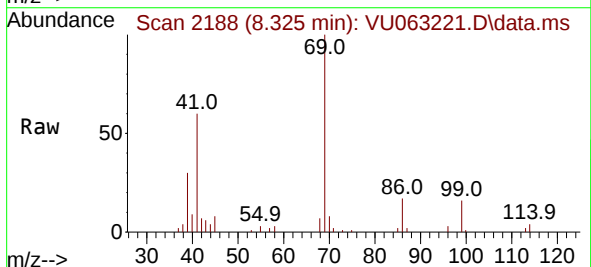
Manual Integrations
APPROVED

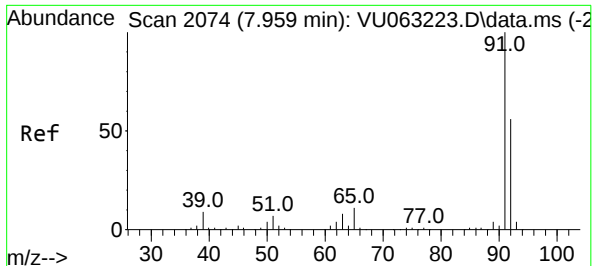
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#48
Ethyl methacrylate
Concen: 1.897 ug/l
RT: 8.325 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

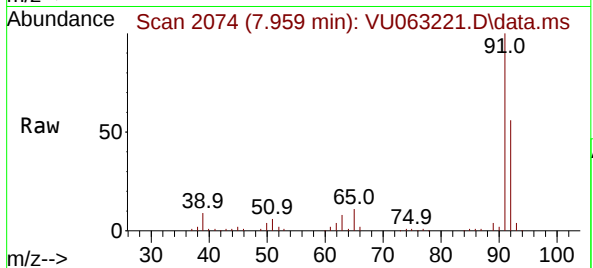
Tgt Ion: 69 Resp: 26103
Ion Ratio Lower Upper
69 100
41 64.5 30.6 92.0





#49
Toluene
Concen: 1.999 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

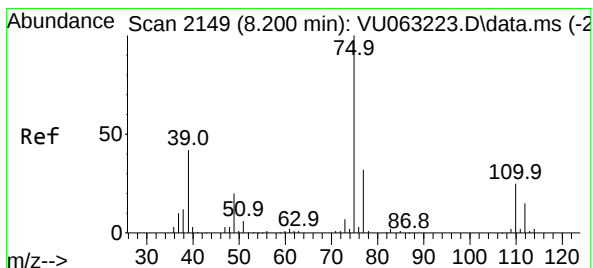
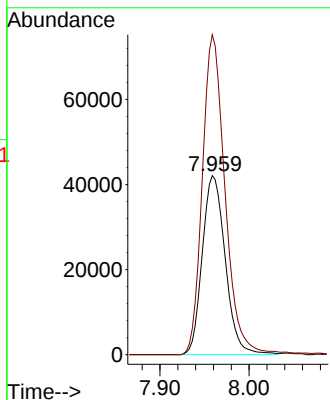
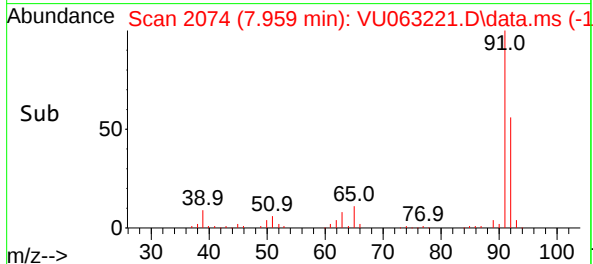
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 92 Resp: 75472
Ion Ratio Lower Upper
92 100
91 176.6 141.8 212.6

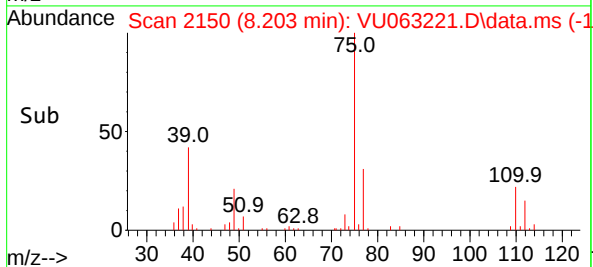
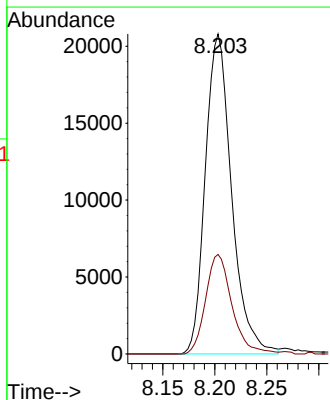
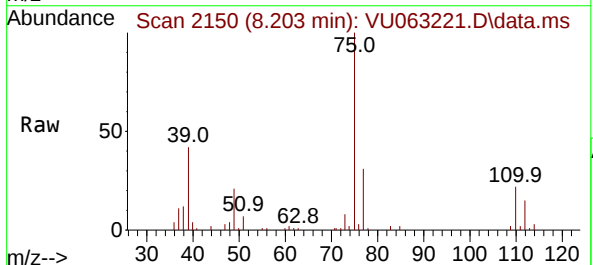
Manual Integrations
APPROVED

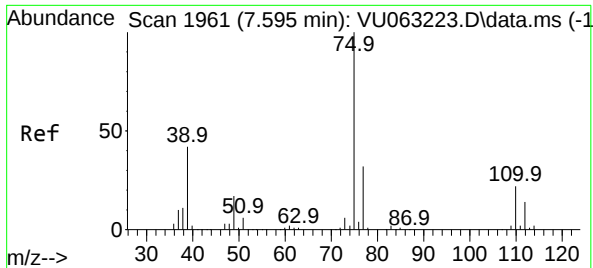
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#50
t-1,3-Dichloropropene
Concen: 1.974 ug/l
RT: 8.203 min Scan# 2150
Delta R.T. 0.003 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

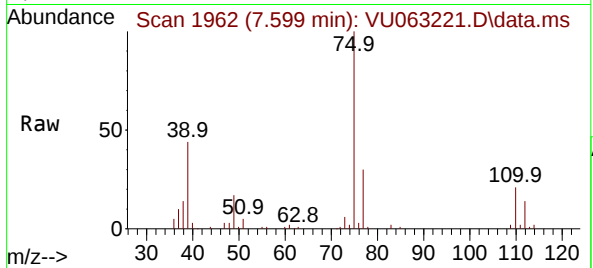
Tgt Ion: 75 Resp: 36608
Ion Ratio Lower Upper
75 100
77 31.1 25.9 38.9





#51
 cis-1,3-Dichloropropene
 Concen: 2.006 ug/l
 RT: 7.599 min Scan# 1961
 Delta R.T. 0.003 min
 Lab File: VU063221.D
 Acq: 10 Feb 2025 13:58

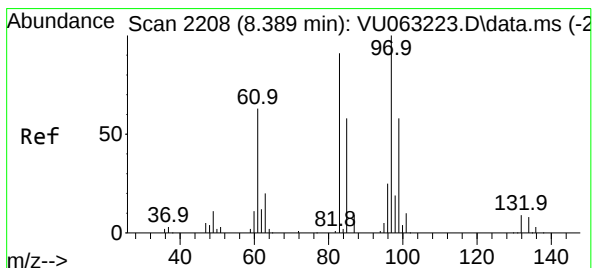
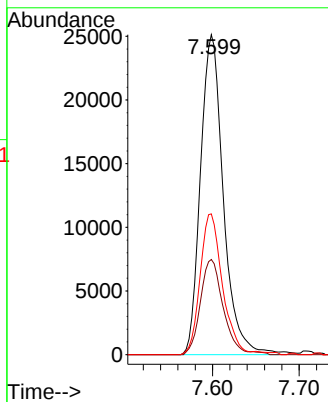
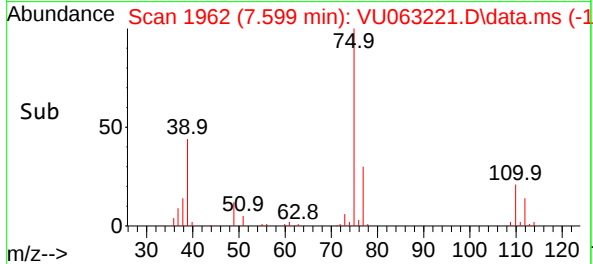
Instrument : MSVOA_U
 ClientSampleId : VSTDIC002



Tgt Ion: 75 Resp: 45949
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.3 37.9
 39 44.0 33.5 50.3

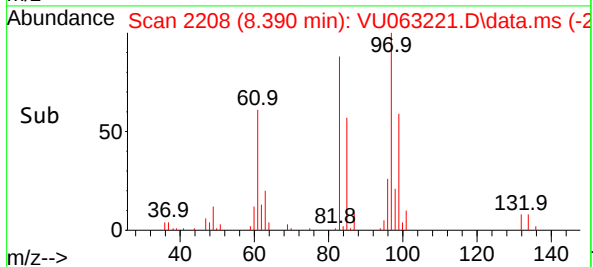
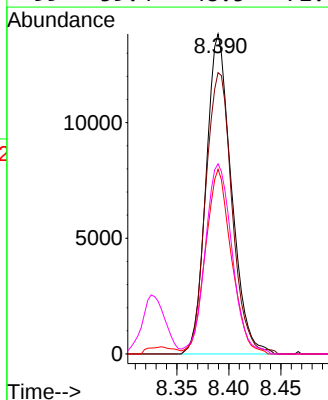
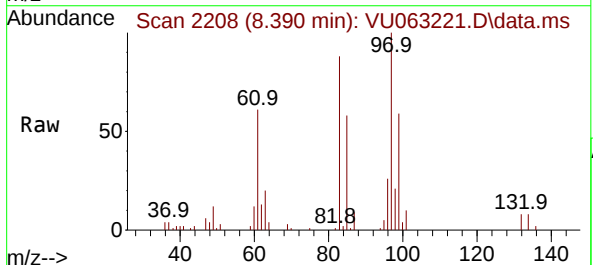
Manual Integrations
 APPROVED

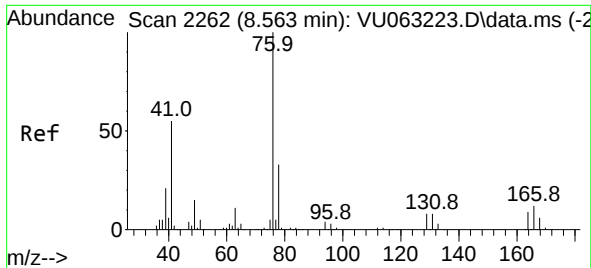
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#52
 1,1,2-Trichloroethane
 Concen: 1.993 ug/l
 RT: 8.390 min Scan# 2208
 Delta R.T. 0.000 min
 Lab File: VU063221.D
 Acq: 10 Feb 2025 13:58

Tgt Ion: 97 Resp: 23377
 Ion Ratio Lower Upper
 97 100
 83 87.9 73.0 109.4
 85 57.7 46.3 69.5
 99 59.4 48.5 72.7





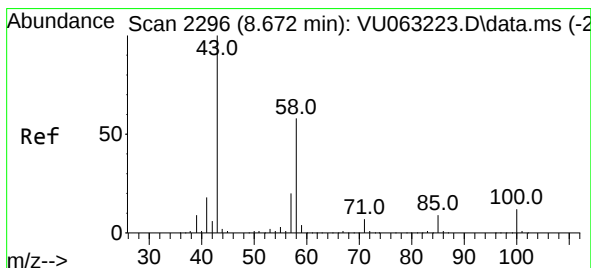
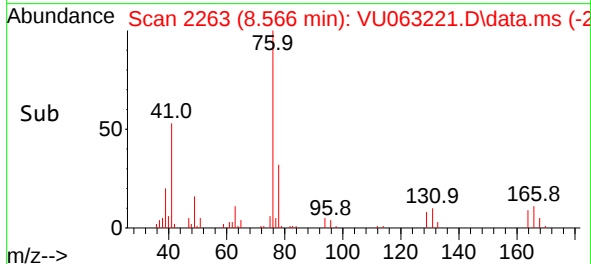
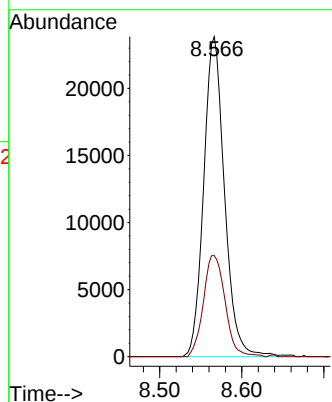
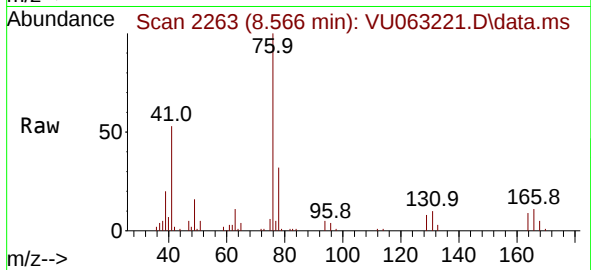
#53
1,3-Dichloropropane
Concen: 2.015 ug/l
RT: 8.566 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 76 Resp: 41970
Ion Ratio Lower Upper
76 100
78 33.0 26.3 39.5

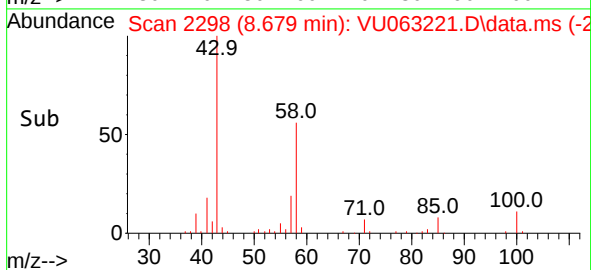
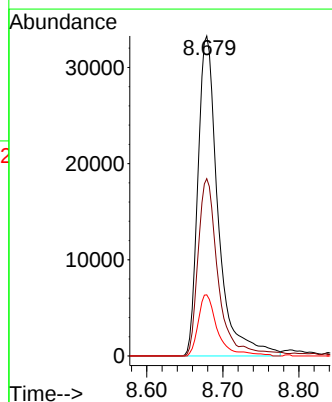
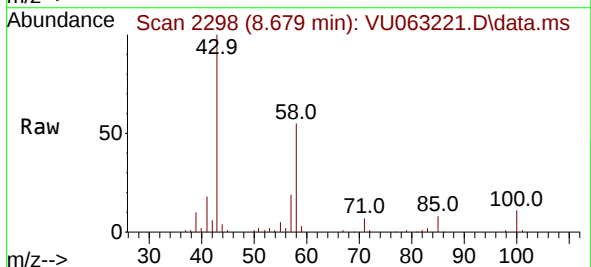
Manual Integrations
APPROVED

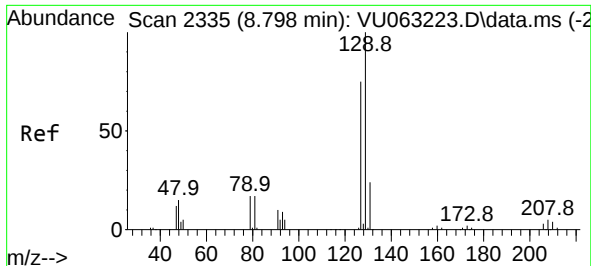
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#54
2-Hexanone
Concen: 9.874 ug/l
RT: 8.679 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

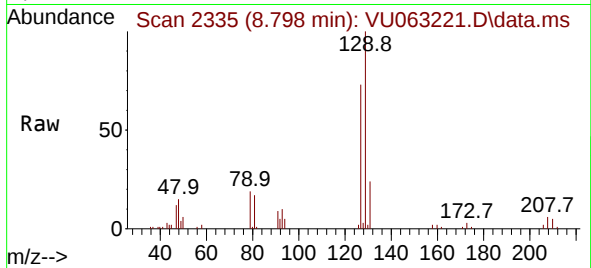
Tgt Ion: 43 Resp: 61467
Ion Ratio Lower Upper
43 100
58 55.4 38.0 78.0
57 18.3 0.0 39.1





#55
Dibromochloromethane
Concen: 1.950 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

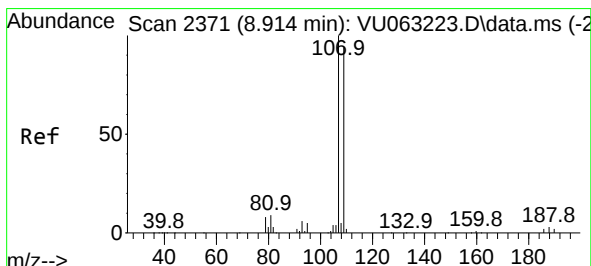
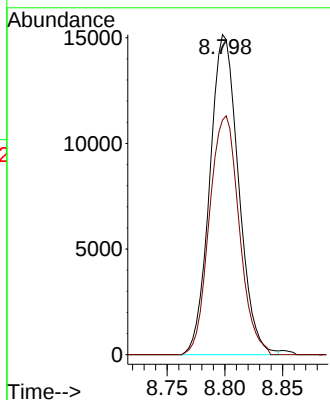
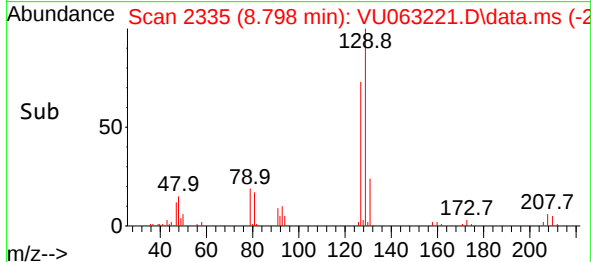
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion:129 Resp: 26319
Ion Ratio Lower Upper
129 100
127 77.0 60.4 90.6

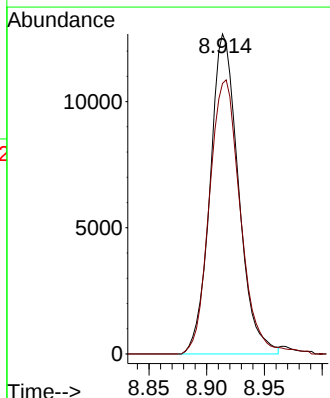
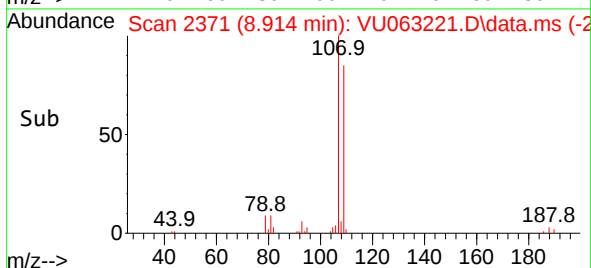
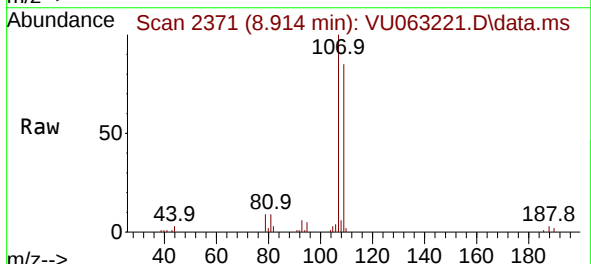
Manual Integrations
APPROVED

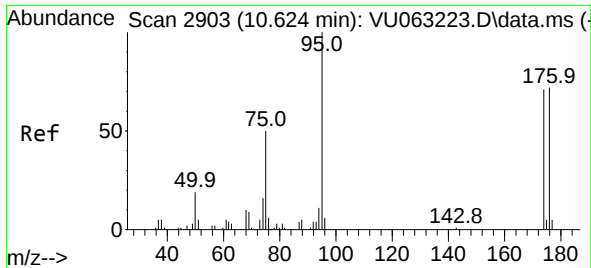
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#56
1,2-Dibromoethane
Concen: 1.967 ug/l
RT: 8.914 min Scan# 2371
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

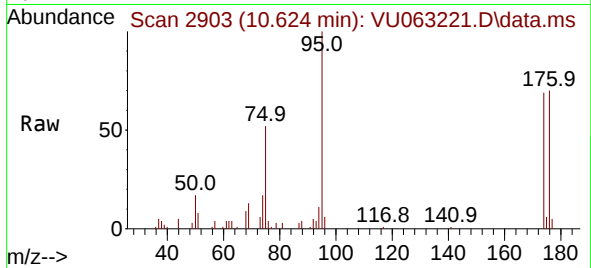
Tgt Ion:107 Resp: 21639
Ion Ratio Lower Upper
107 100
109 93.6 0.0 187.8





#57
4-Bromofluorobenzene
Concen: 1.000 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

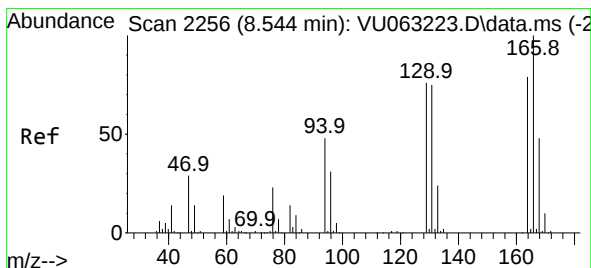
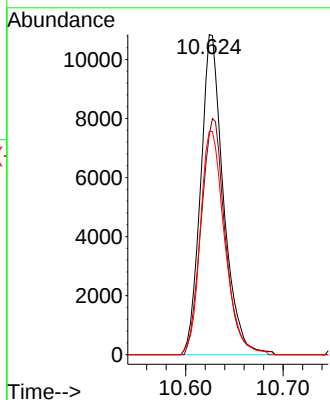
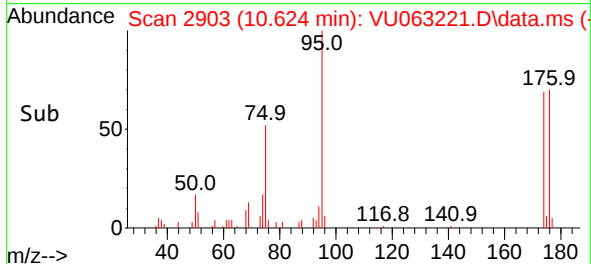
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



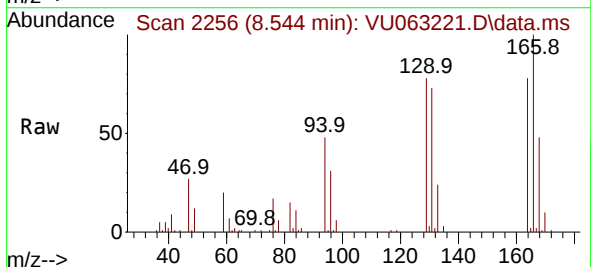
Tgt Ion: 95 Resp: 1762
Ion Ratio Lower Upper
95 100
174 77.7 58.6 88.0
176 74.7 58.2 87.4

Manual Integrations
APPROVED

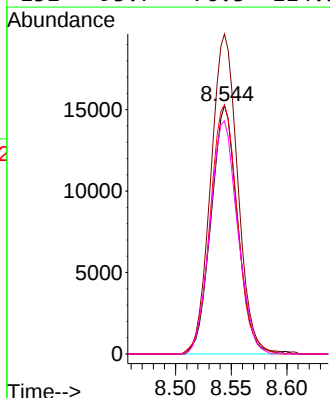
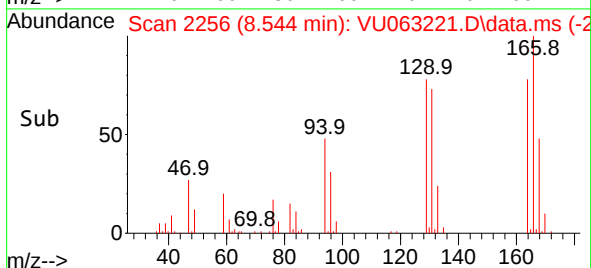
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

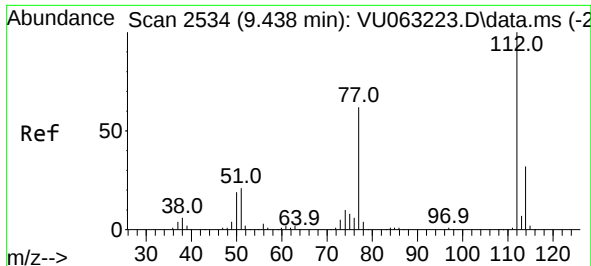


#58
Tetrachloroethene
Concen: 1.959 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58



Tgt Ion:164 Resp: 25204
Ion Ratio Lower Upper
164 100
166 128.7 101.4 152.0
129 100.2 77.0 115.4
131 93.7 76.3 114.5





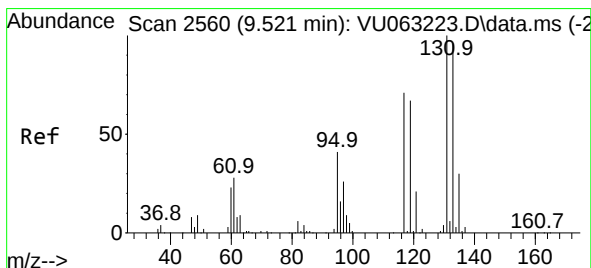
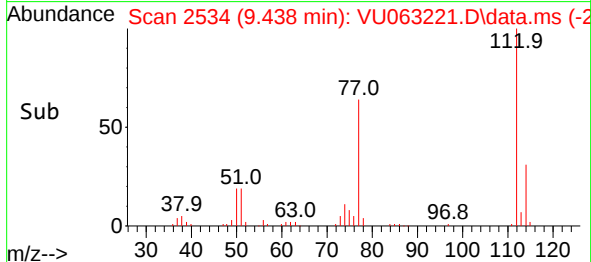
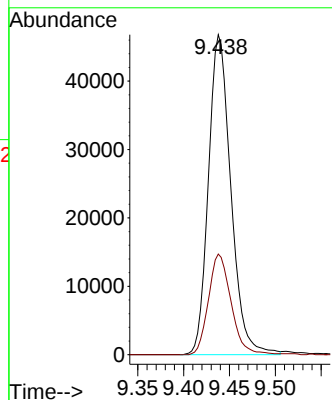
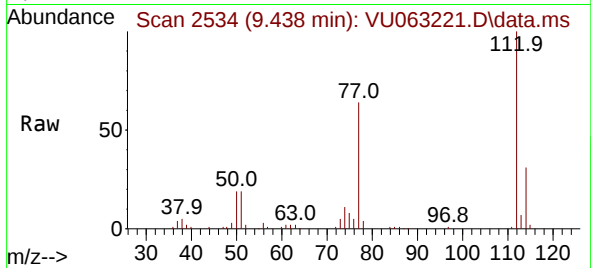
#59
Chlorobenzene
Concen: 1.999 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:112 Resp: 7965
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

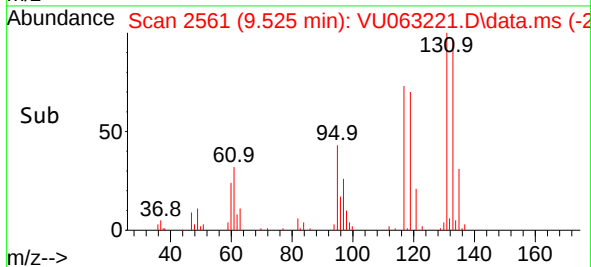
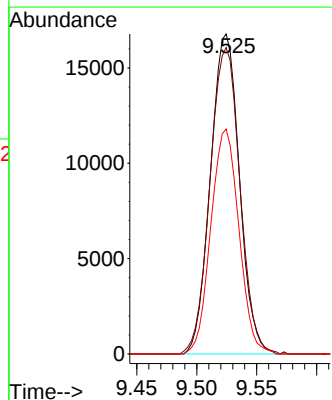
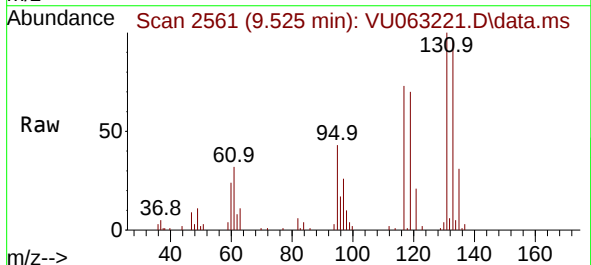
Manual Integrations
APPROVED

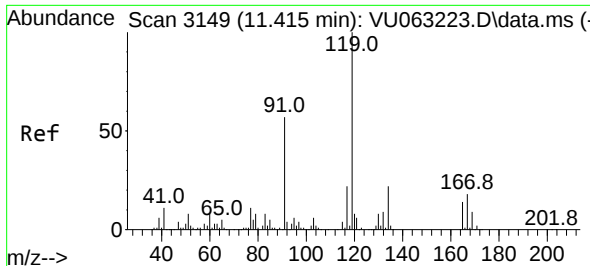
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#60
1,1,1,2-Tetrachloroethane
Concen: 1.966 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

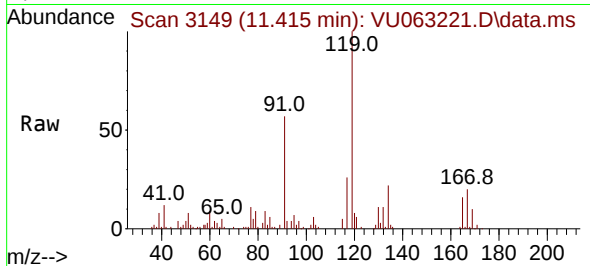
Tgt Ion:131 Resp: 28159
Ion Ratio Lower Upper
131 100
133 98.9 76.7 115.1
119 68.1 54.4 81.6





#61
Pentachloroethane
Concen: 2.096 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

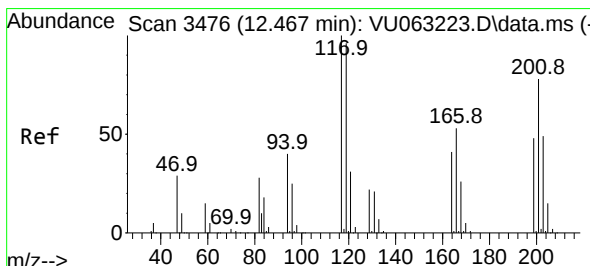
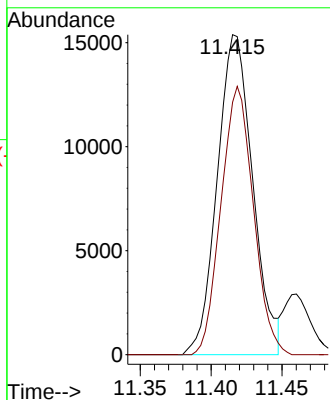
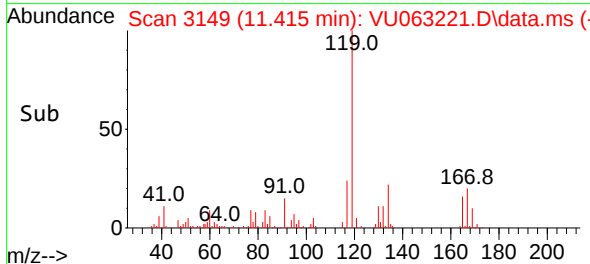
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



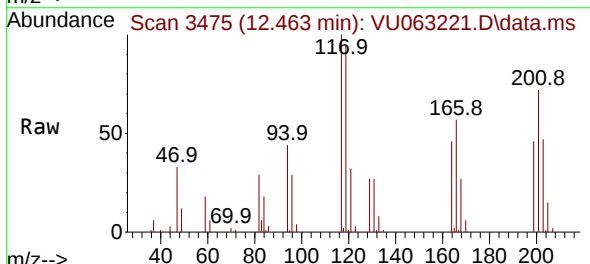
Tgt Ion:117 Resp: 2681
Ion Ratio Lower Upper
117 100
167 76.4 65.0 97.6

Manual Integrations
APPROVED

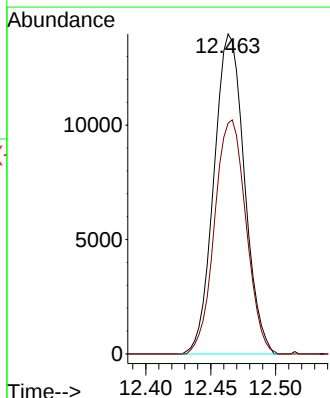
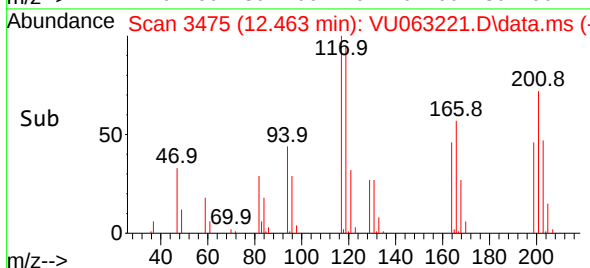
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

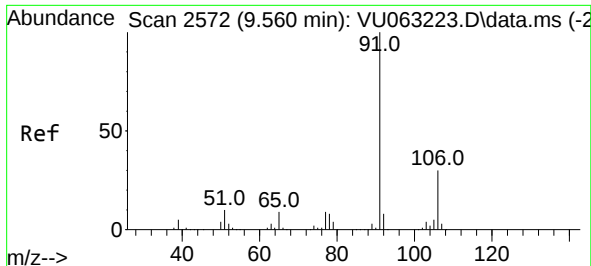


#62
Hexachloroethane
Concen: 2.017 ug/l
RT: 12.463 min Scan# 3475
Delta R.T. -0.003 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58



Tgt Ion:117 Resp: 22824
Ion Ratio Lower Upper
117 100
201 75.4 61.3 91.9





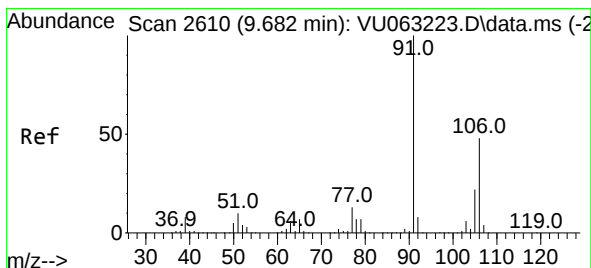
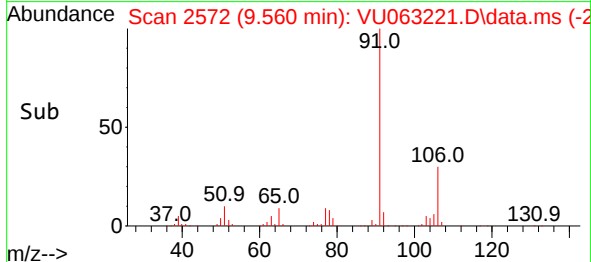
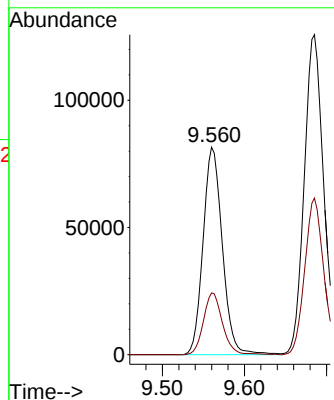
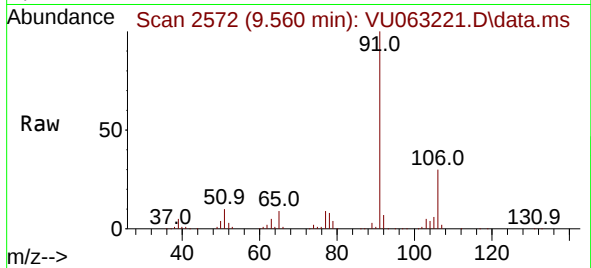
#63
Ethyl Benzene
Concen: 1.938 ug/l
RT: 9.560 min Scan# 2572
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 13314
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.2

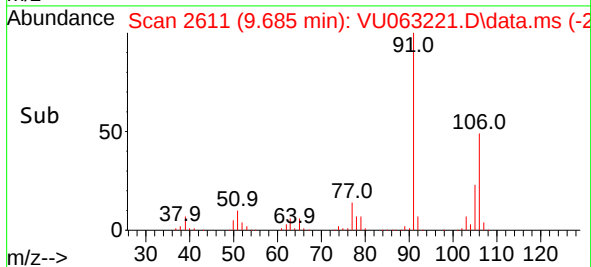
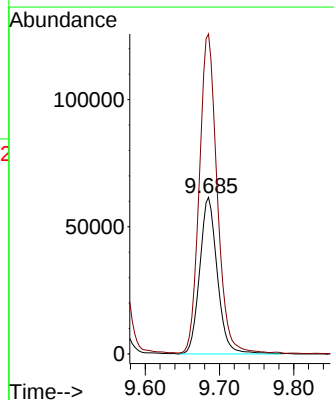
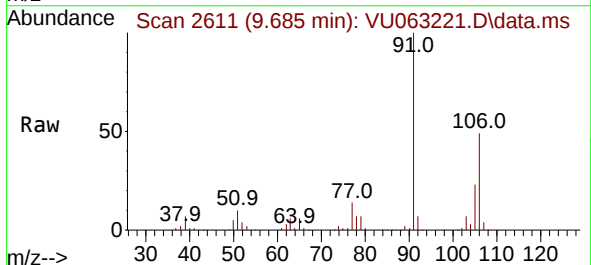
Manual Integrations
APPROVED

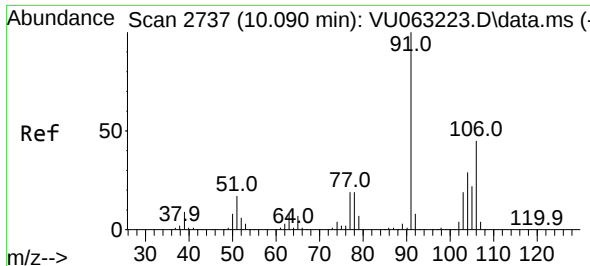
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#64
m/p-Xylenes
Concen: 3.954 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.003 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Tgt Ion:106 Resp: 101491
Ion Ratio Lower Upper
106 100
91 205.7 166.9 250.3





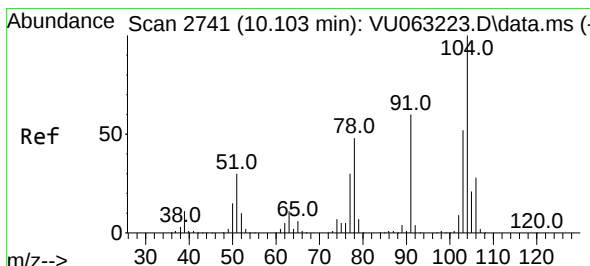
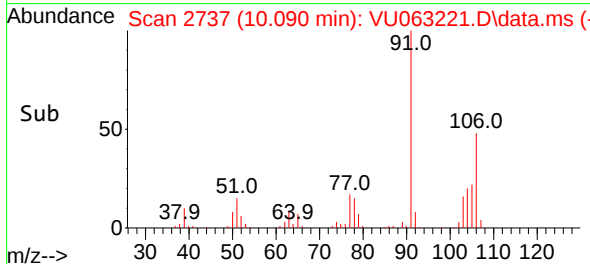
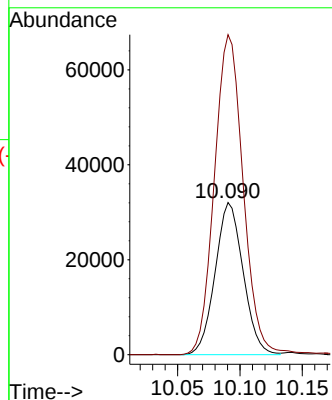
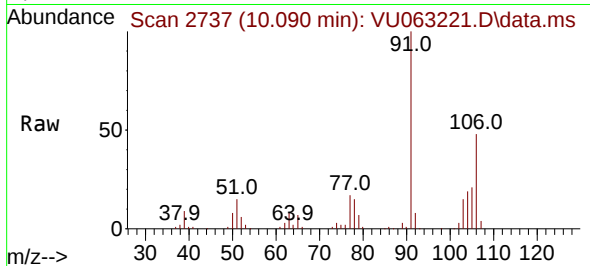
#65
o-Xylene
Concen: 1.995 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:106 Resp: 5012
Ion Ratio Lower Upper
106 100
91 217.6 110.9 332.9

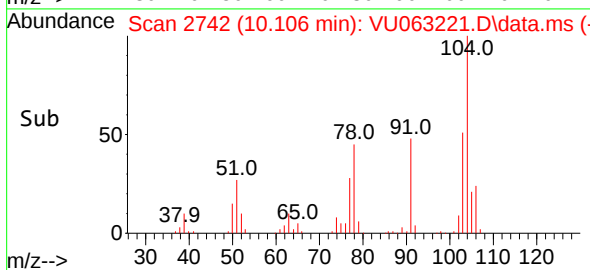
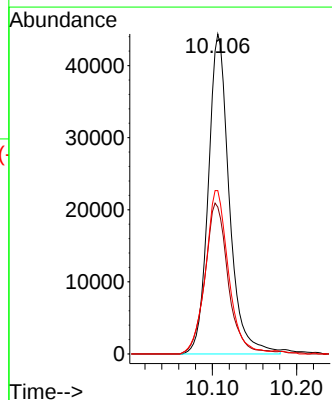
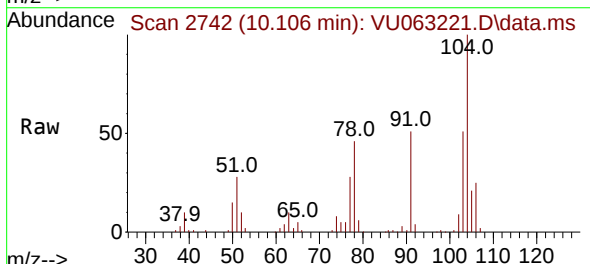
Manual Integrations
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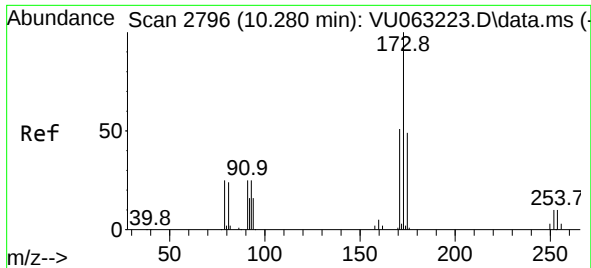
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#66
Styrene
Concen: 1.926 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. 0.003 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Tgt Ion:104 Resp: 77021
Ion Ratio Lower Upper
104 100
78 52.1 41.2 61.8
103 56.0 44.8 67.2





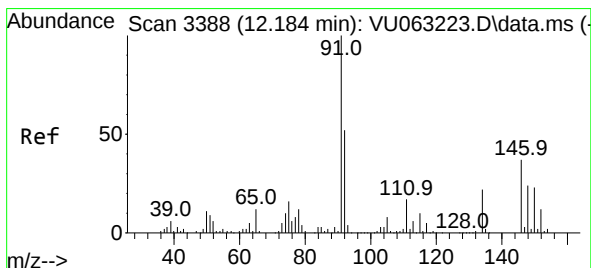
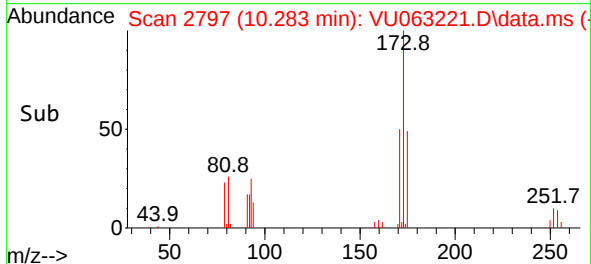
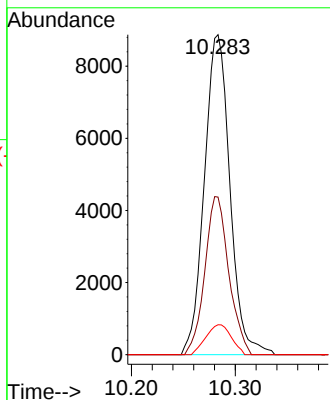
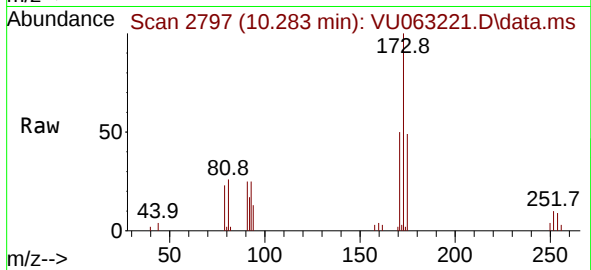
#67
Bromoform
Concen: 1.981 ug/l
RT: 10.283 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:173 Resp: 1517
Ion Ratio Lower Upper
173 100
175 46.3 39.0 58.4
254 9.3 7.7 11.5

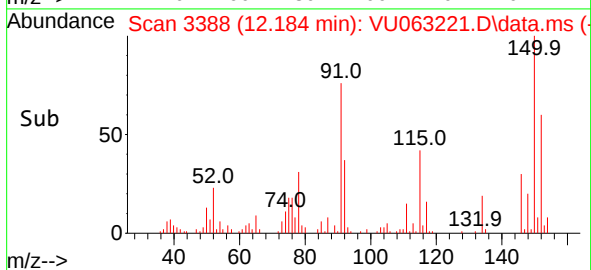
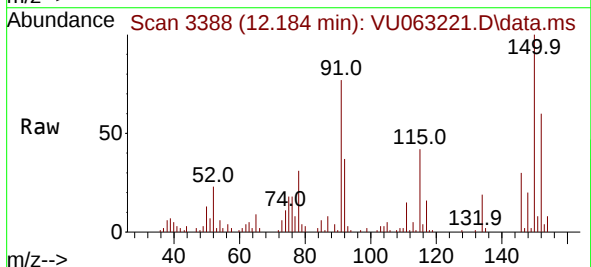
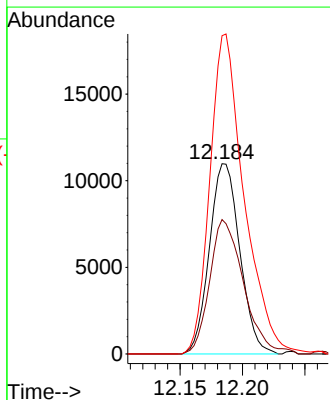
Manual Integrations
APPROVED

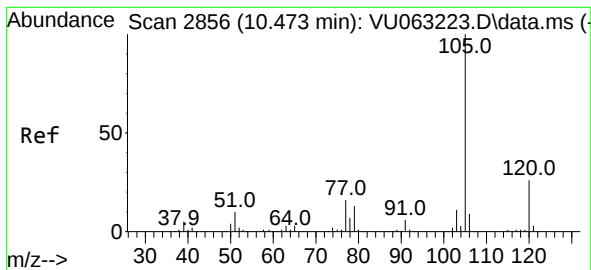
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#68
1,2-Dichlorobenzene-d4
Concen: 1.019 ug/l
RT: 12.184 min Scan# 3388
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Tgt Ion:152 Resp: 18679
Ion Ratio Lower Upper
152 100
115 78.6 0.0 275.2
150 189.0 0.0 658.4





#69

Isopropylbenzene

Concen: 1.965 ug/l

RT: 10.476 min Scan# 2856

Delta R.T. 0.003 min

Lab File: VU063221.D

Acq: 10 Feb 2025 13:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion:105 Resp: 11607

Ion Ratio Lower Upper

105 100

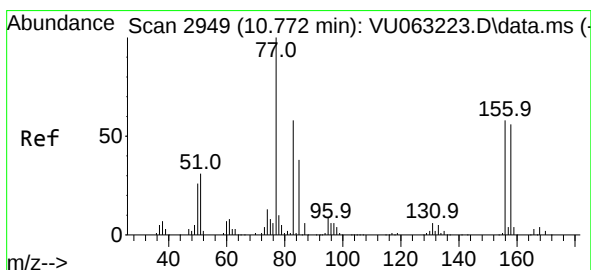
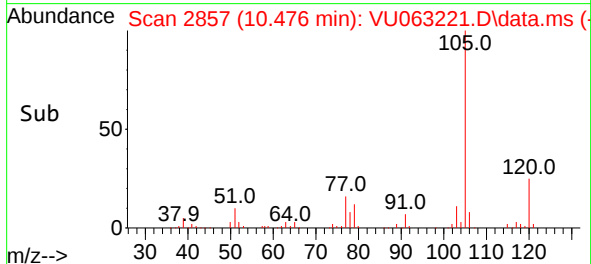
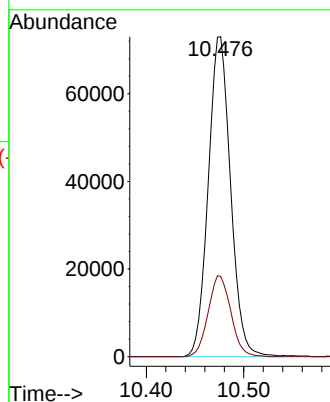
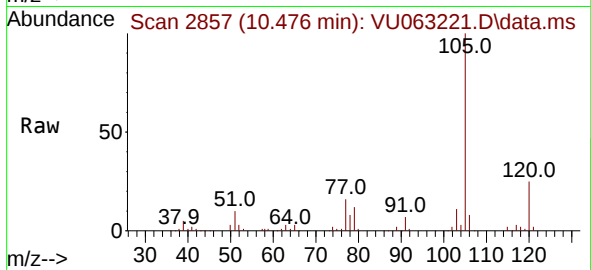
120 25.7 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#70

1,1,2,2-Tetrachloroethane

Concen: 2.071 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU063221.D

Acq: 10 Feb 2025 13:58

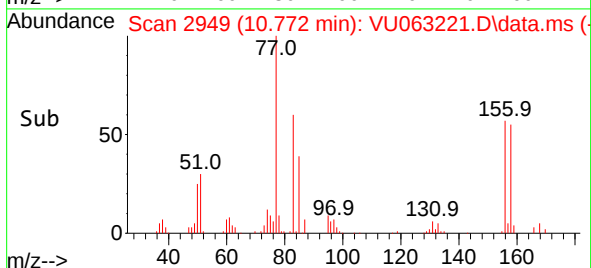
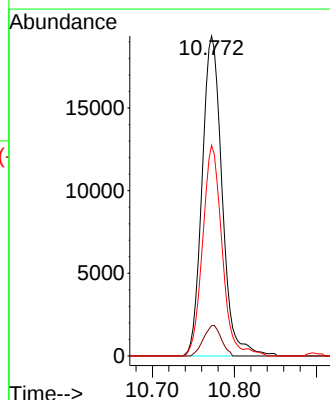
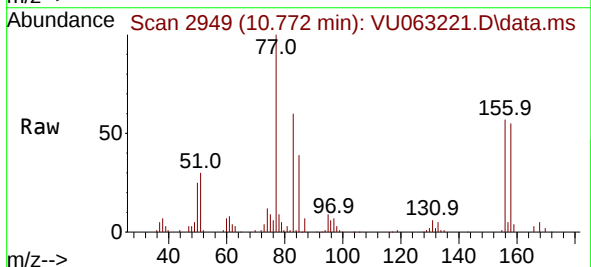
Tgt Ion: 83 Resp: 32740

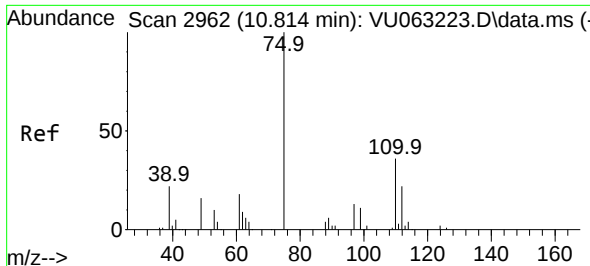
Ion Ratio Lower Upper

83 100

131 8.5 7.4 11.0

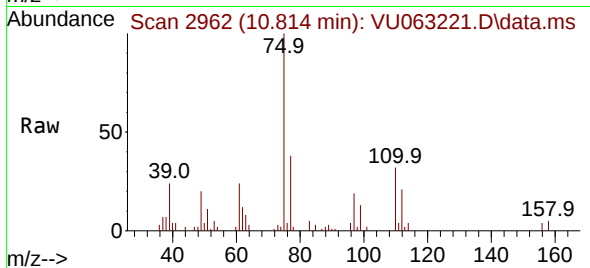
85 64.1 51.8 77.8





#71
1,2,3-Trichloropropane
Concen: 2.189 ug/l m
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

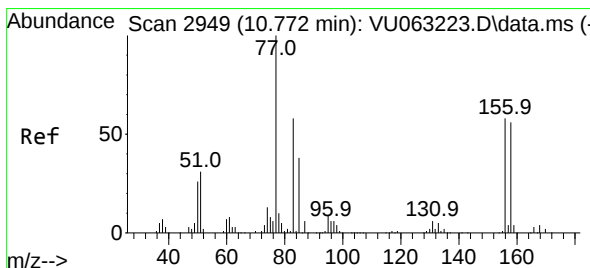
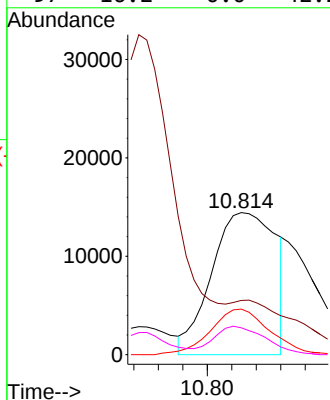
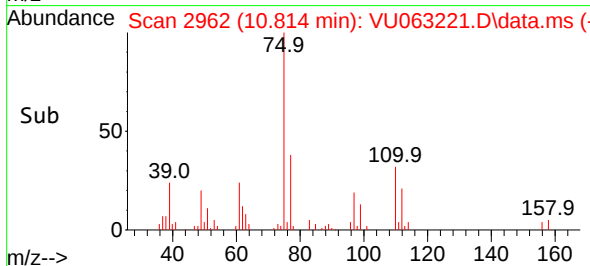
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



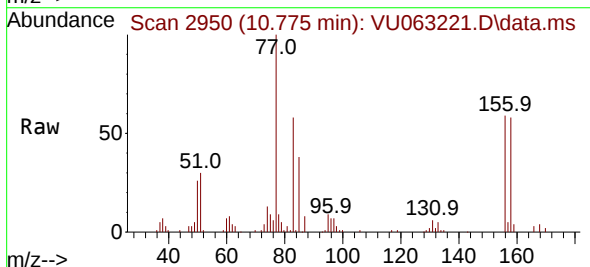
Tgt Ion: 75 Resp: 2624
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 29.6 0.0 77.0
97 16.2 0.0 42.2

Manual Integrations
APPROVED

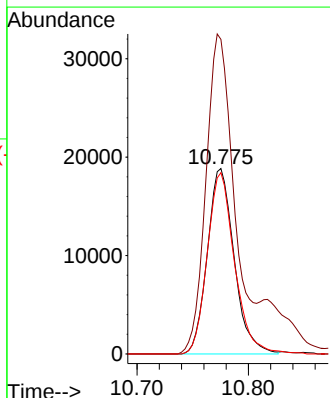
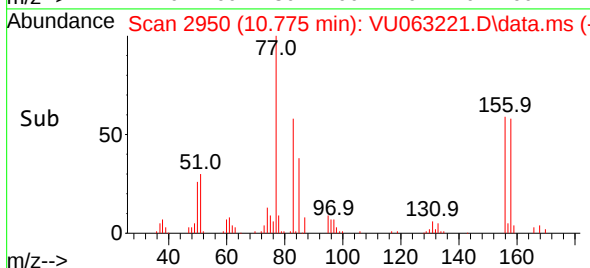
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

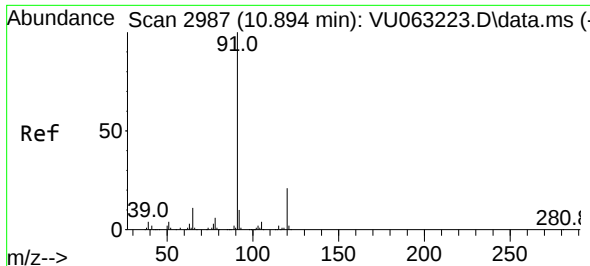


#72
Bromobenzene
Concen: 1.983 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58



Tgt Ion:156 Resp: 31558
Ion Ratio Lower Upper
156 100
77 179.9 0.0 343.6
158 99.7 0.0 193.0





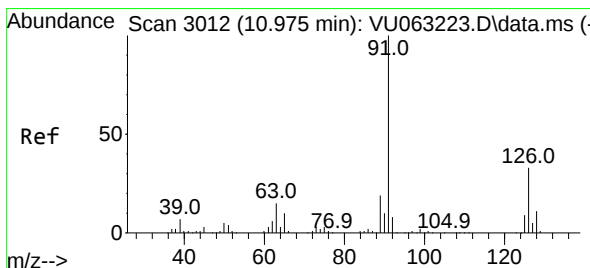
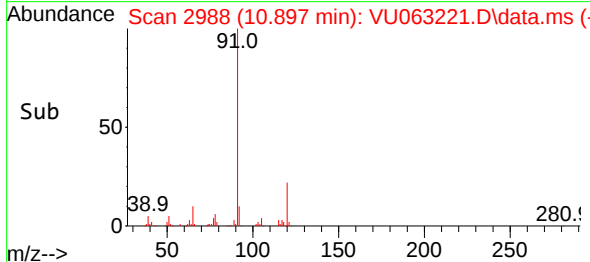
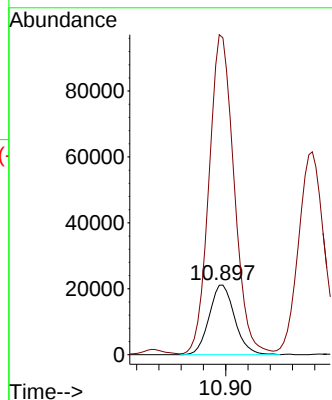
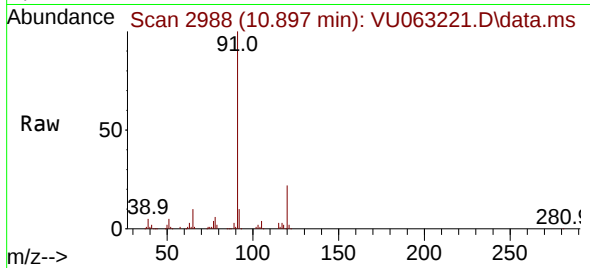
#73
n-propylbenzene
Concen: 1.983 ug/l
RT: 10.897 min Scan# 2987
Delta R.T. 0.003 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:120 Resp: 33538
Ion Ratio Lower Upper
120 100
91 452.1 369.8 554.6

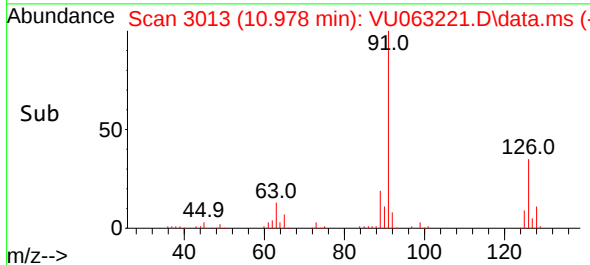
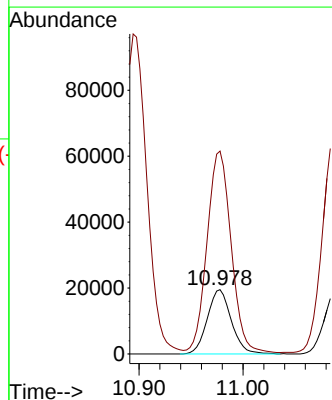
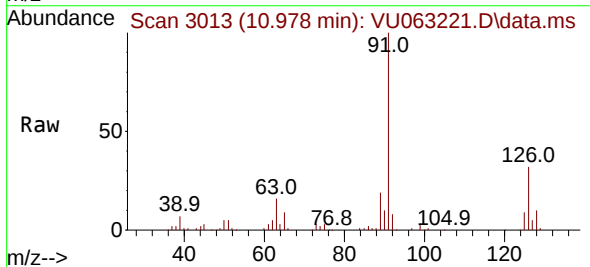
Manual Integrations
APPROVED

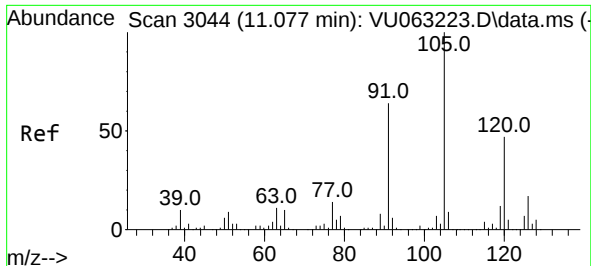
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#74
2-Chlorotoluene
Concen: 2.005 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.003 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Tgt Ion:126 Resp: 31255
Ion Ratio Lower Upper
126 100
91 317.2 0.0 623.8





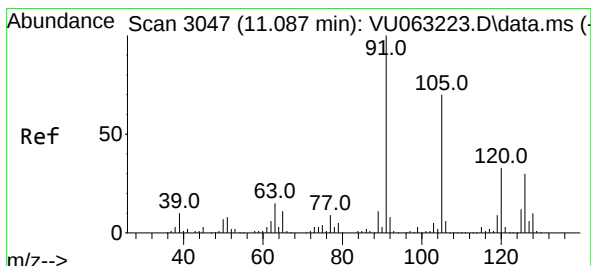
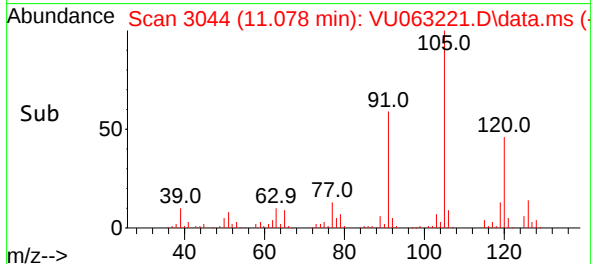
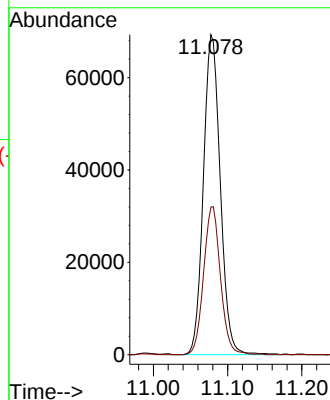
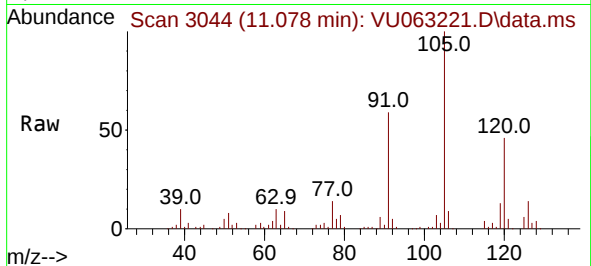
#75
1,3,5-Trimethylbenzene
Concen: 2.000 ug/l
RT: 11.078 min Scan# 3044
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 10946
Ion Ratio Lower Upper
105 100
120 46.1 37.3 55.9

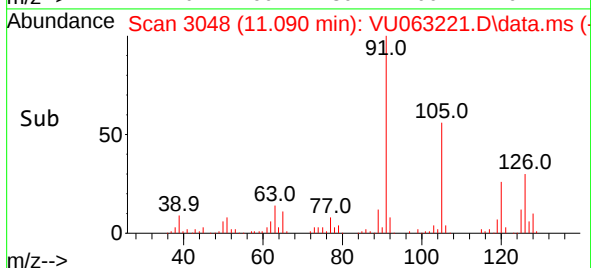
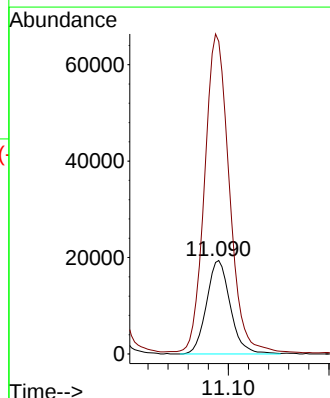
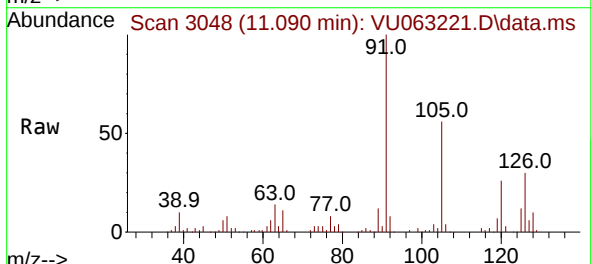
Manual Integrations
APPROVED

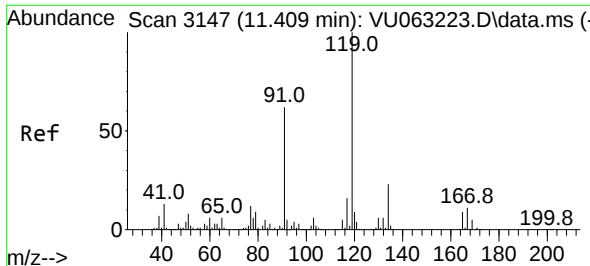
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#76
4-Chlorotoluene
Concen: 1.988 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

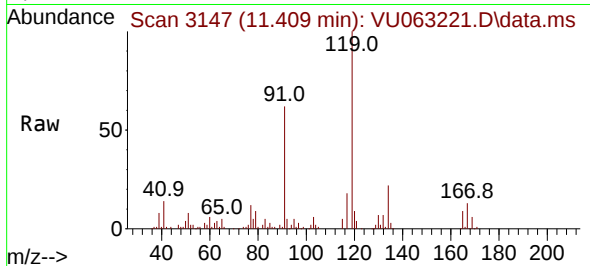
Tgt Ion:126 Resp: 31781
Ion Ratio Lower Upper
126 100
91 355.9 0.0 703.6





#77
tert-Butylbenzene
Concen: 1.988 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

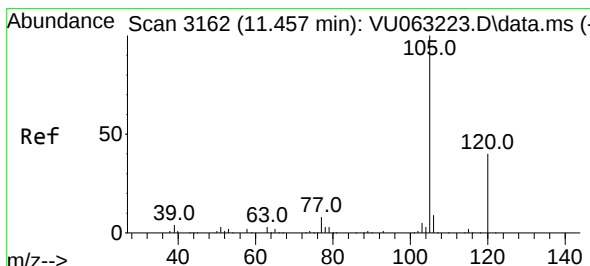
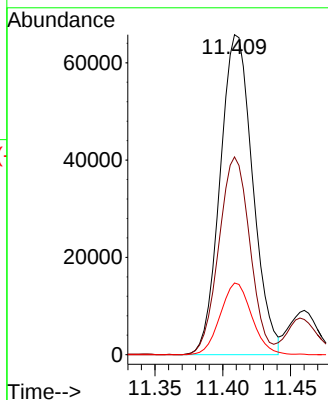
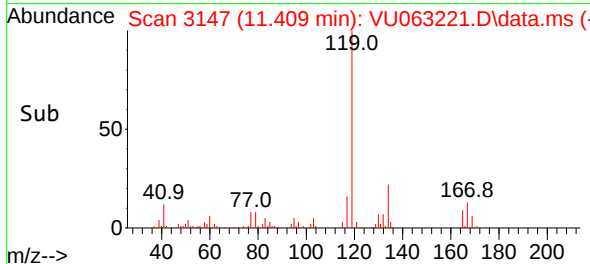
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



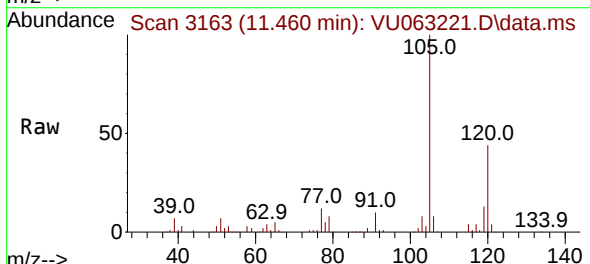
Tgt Ion:119 Resp: 110060
Ion Ratio Lower Upper
119 100
91 59.1 29.4 88.3
134 21.7 17.6 26.4

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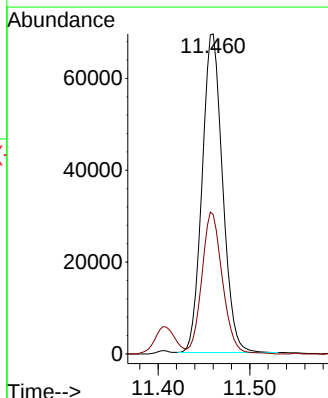
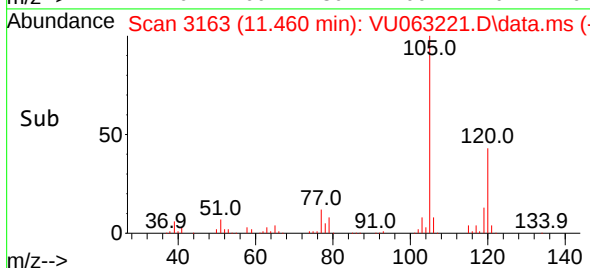
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

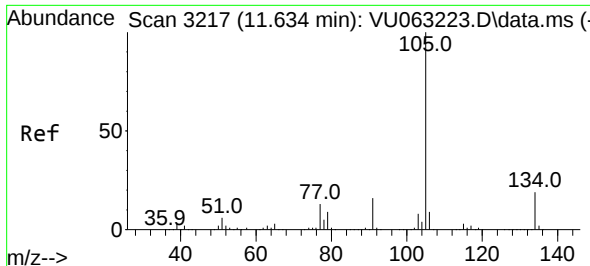


#78
1,2,4-Trimethylbenzene
Concen: 1.985 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58



Tgt Ion:105 Resp: 107777
Ion Ratio Lower Upper
105 100
120 44.7 21.9 65.7





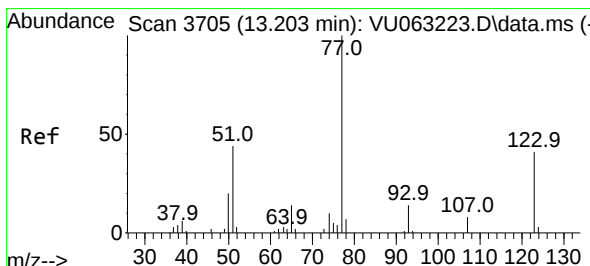
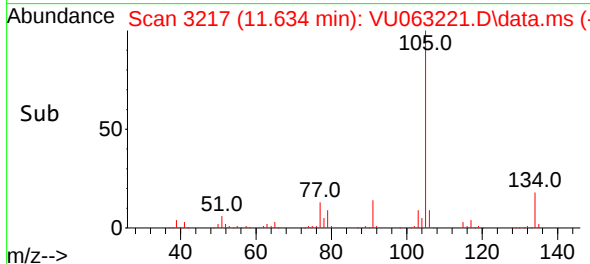
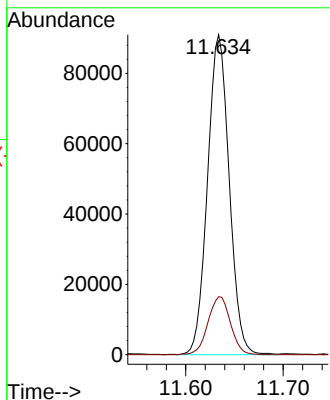
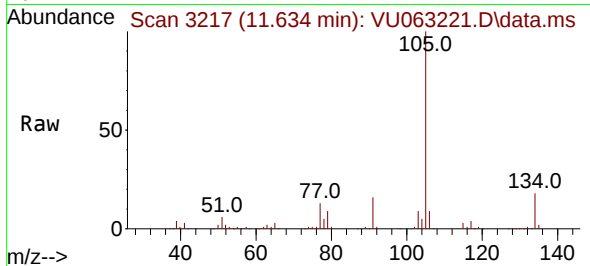
#79
 sec-Butylbenzene
 Concen: 1.998 ug/l
 RT: 11.634 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU063221.D
 Acq: 10 Feb 2025 13:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002

Tgt Ion:105 Resp: 14080
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.1 22.7

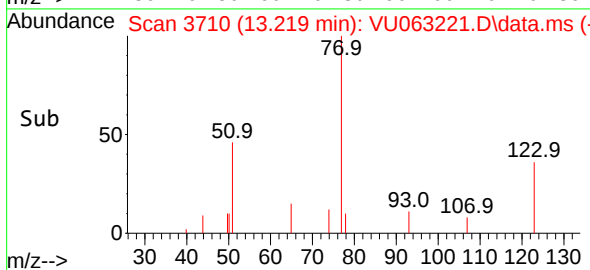
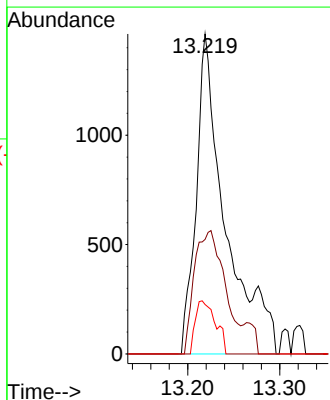
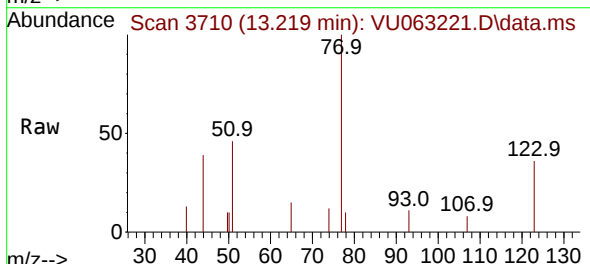
Manual Integrations
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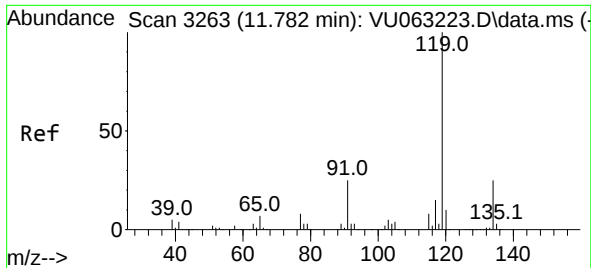
Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025



#80
 Nitrobenzene
 Concen: 10.179 ug/l m
 RT: 13.219 min Scan# 3710
 Delta R.T. 0.016 min
 Lab File: VU063221.D
 Acq: 10 Feb 2025 13:58

Tgt Ion: 77 Resp: 3216
 Ion Ratio Lower Upper
 77 100
 123 32.9 18.9 67.1
 65 11.5 11.9 15.1#





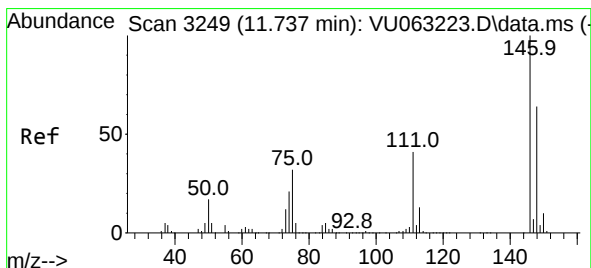
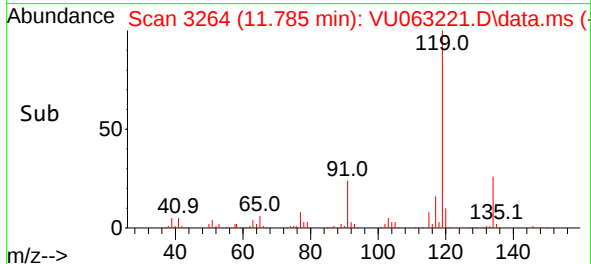
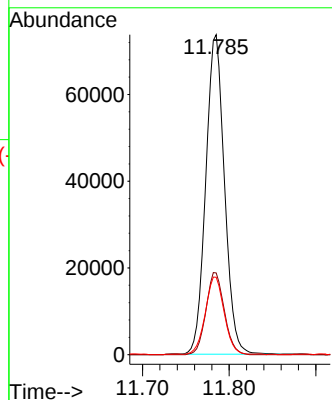
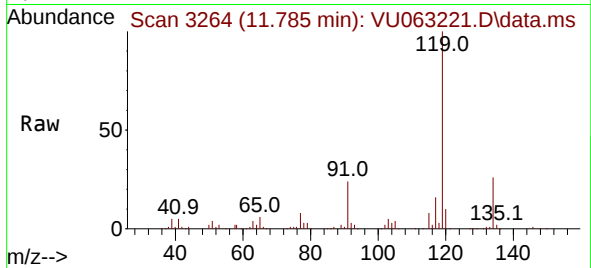
#81
p-Isopropyltoluene
Concen: 1.984 ug/l
RT: 11.785 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:119 Resp: 110370
Ion Ratio Lower Upper
119 100
134 25.2 20.3 30.5
91 24.2 19.4 29.2

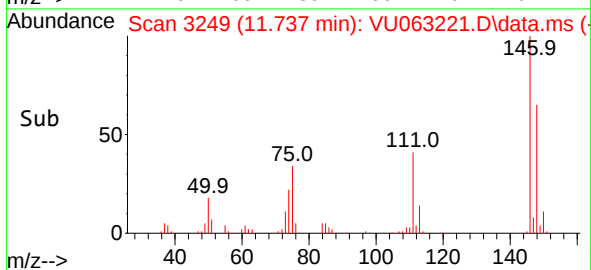
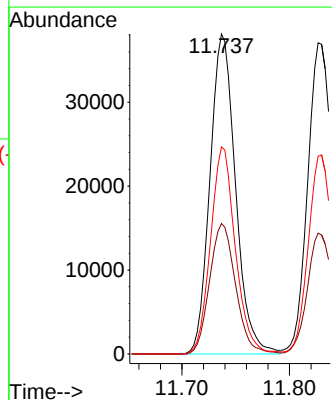
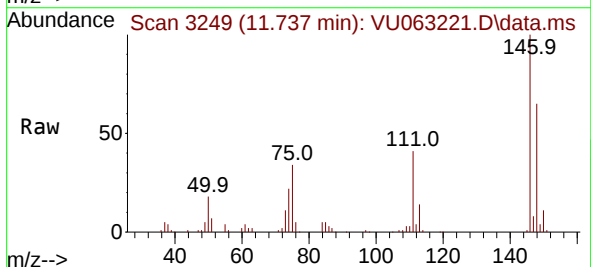
Manual Integrations
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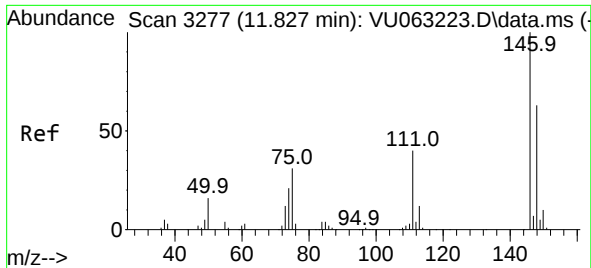
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#82
1,3-Dichlorobenzene
Concen: 2.038 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Tgt Ion:146 Resp: 62914
Ion Ratio Lower Upper
146 100
111 41.4 32.8 49.2
148 63.0 51.1 76.7





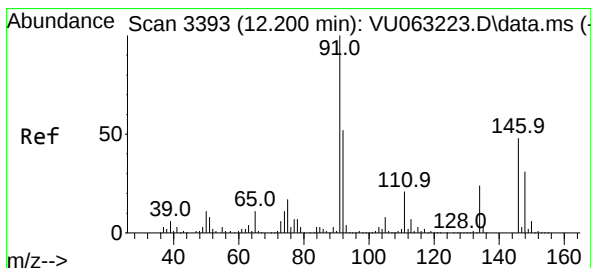
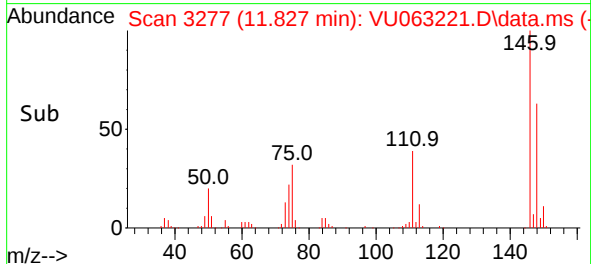
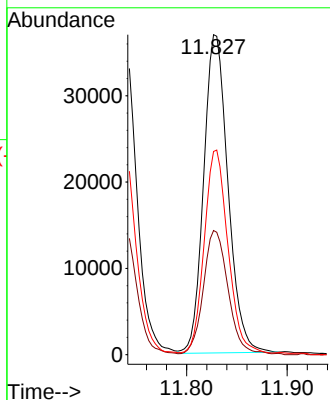
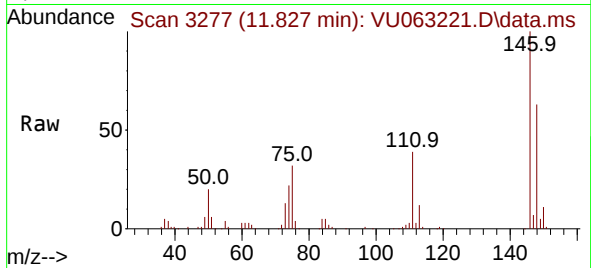
#83
1,4-Dichlorobenzene
Concen: 2.055 ug/l
RT: 11.827 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:146 Resp: 62030
Ion Ratio Lower Upper
146 100
111 39.9 32.1 48.1
148 62.2 50.2 75.4

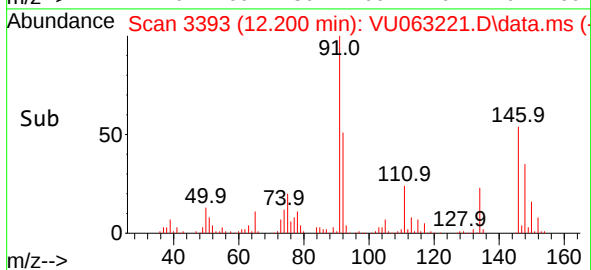
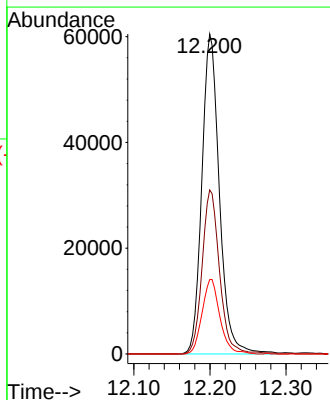
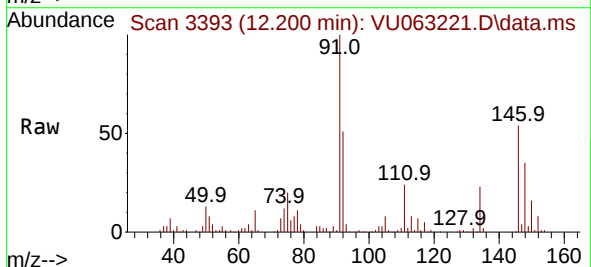
Manual Integrations
APPROVED

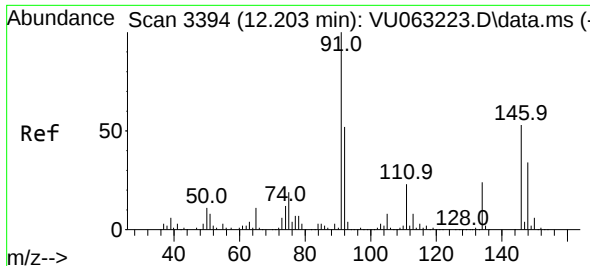
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#84
n-Butylbenzene
Concen: 1.933 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Tgt Ion: 91 Resp: 96950
Ion Ratio Lower Upper
91 100
92 51.1 41.8 62.8
134 23.6 18.6 28.0





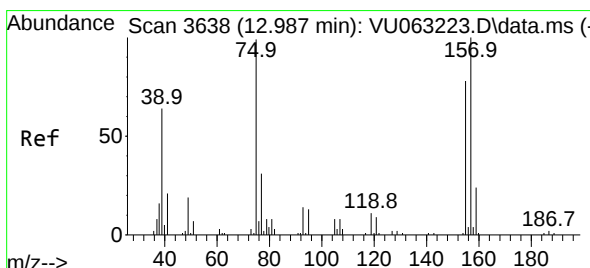
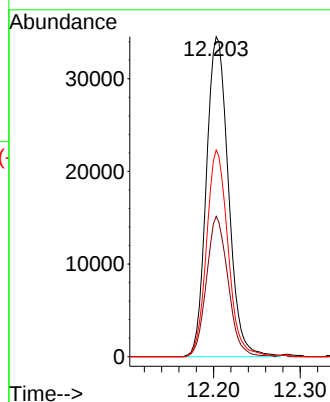
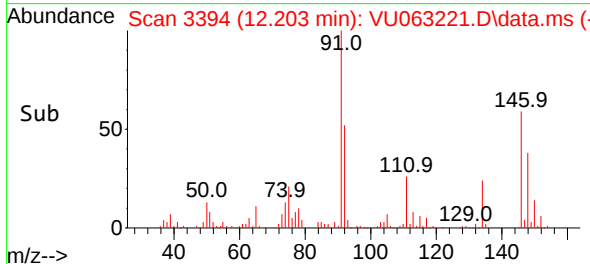
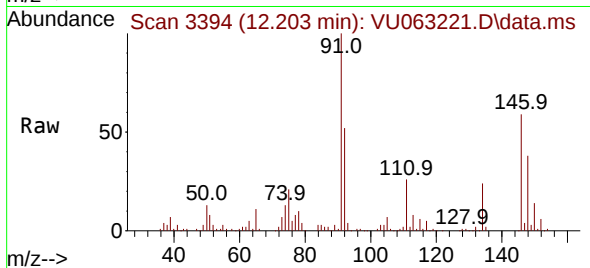
#85
1,2-Dichlorobenzene
Concen: 2.057 ug/l
RT: 12.203 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 6101
Ion Ratio Lower Upper
146 100
111 42.9 21.9 65.7
148 62.9 32.3 96.9

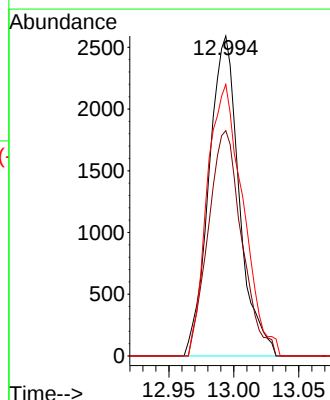
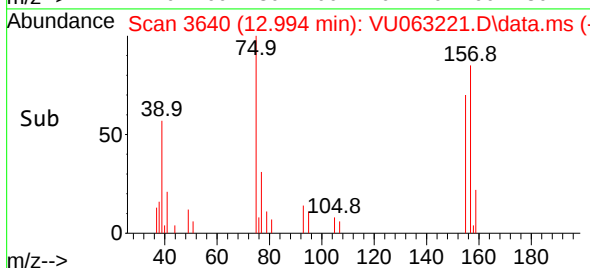
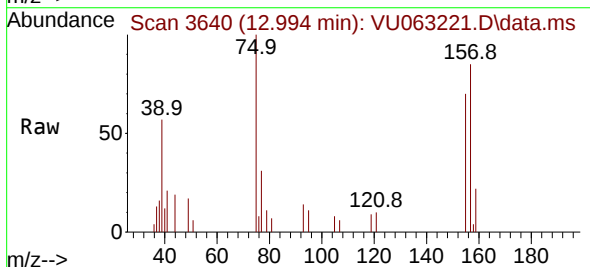
Manual Integrations
APPROVED

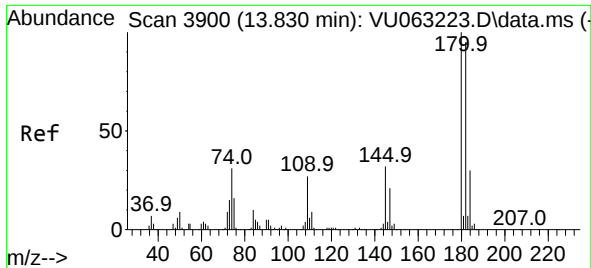
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.894 ug/l
RT: 12.994 min Scan# 3640
Delta R.T. 0.006 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Tgt Ion: 75 Resp: 4203
Ion Ratio Lower Upper
75 100
155 77.8 63.5 95.3
157 99.9 81.8 122.6





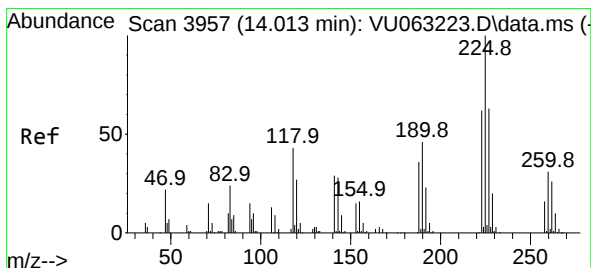
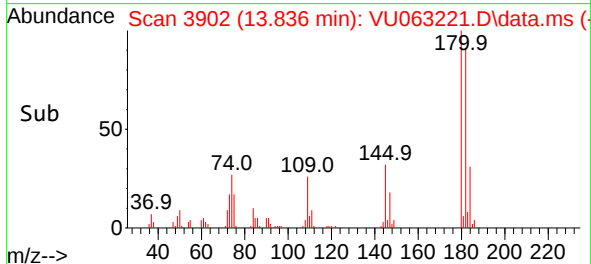
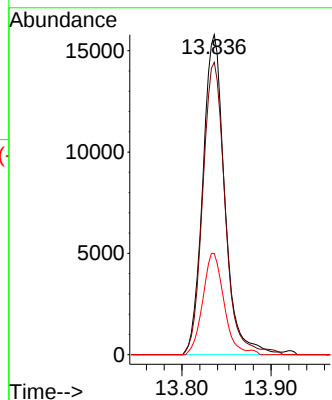
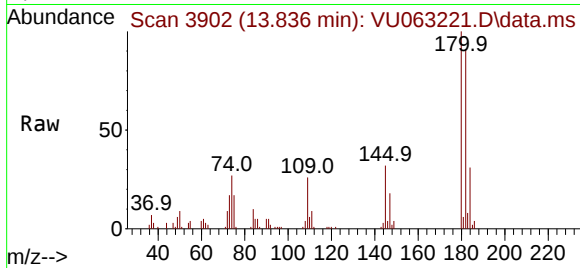
#87
1,2,4-Trichlorobenzene
Concen: 1.867 ug/l
RT: 13.836 min Scan# 3900
Delta R.T. 0.006 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:180 Resp: 27020
Ion Ratio Lower Upper
180 100
182 93.1 76.6 115.0
145 30.9 25.4 38.2

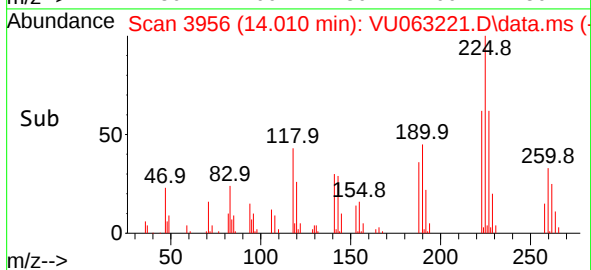
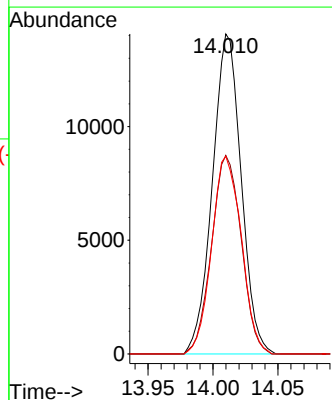
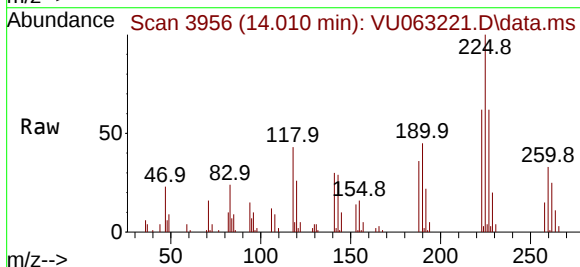
Manual Integrations
APPROVED

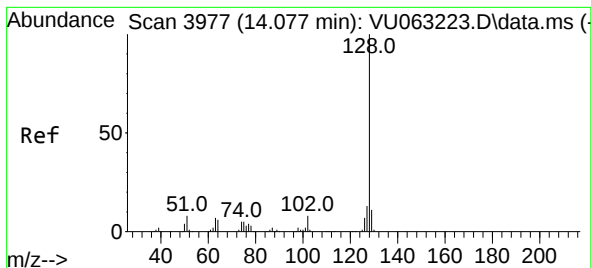
Reviewed By :Amit Patel 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#88
Hexachlorobutadiene
Concen: 2.094 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.003 min
Lab File: VU063221.D
Acq: 10 Feb 2025 13:58

Tgt Ion:225 Resp: 21652
Ion Ratio Lower Upper
225 100
223 64.0 49.5 74.3
227 63.7 51.0 76.4





#89

Naphthalene

Concen: 1.891 ug/l

RT: 14.084 min Scan# 3977

Delta R.T. 0.006 min

Lab File: VU063221.D

Acq: 10 Feb 2025 13:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

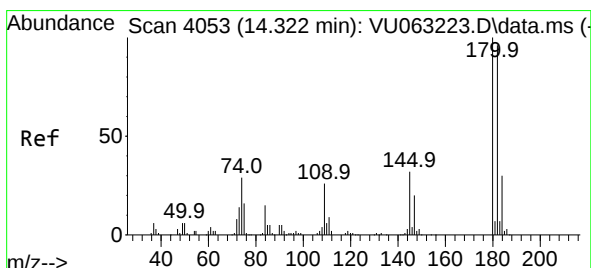
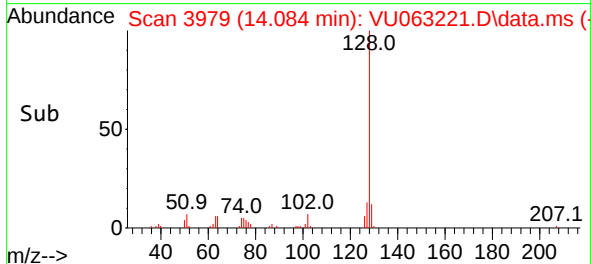
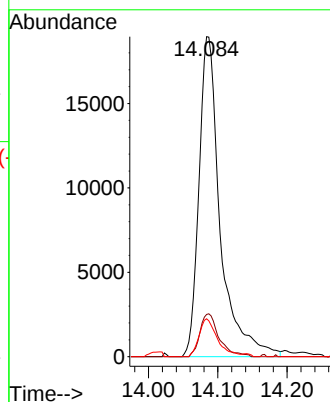
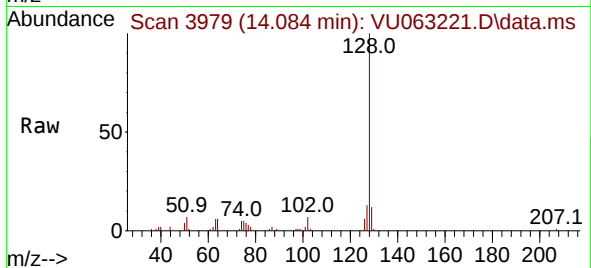
Tgt Ion:128	Resp:	4045
Ion Ratio	Lower	Upper
128	100	
127	12.1	10.6 16.0
129	10.2	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#90

1,2,3-Trichlorobenzene

Concen: 1.801 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU063221.D

Acq: 10 Feb 2025 13:58

Tgt Ion:180	Resp:	25501
Ion Ratio	Lower	Upper
180	100	
182	96.0	78.2 117.2
145	32.5	26.1 39.1

