

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091622\
 Data File : VU050723.D
 Acq On : 16 Sep 2022 13:43
 Operator : JC/MD
 Sample : VU0916WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0916WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/19/2022
 Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 17 01:06:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Aug 25 14:01:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	49531	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	16049	0.952	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	19086	0.957	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	37002	1.804	ug/l	97
3) Chloromethane	1.517	50	37451	1.501	ug/l	99
4) Vinyl Chloride	1.604	62	35522	1.666	ug/l	97
5) Bromomethane	1.858	94	20546	2.355	ug/l	99
6) Chloroethane	1.935	64	20645	1.601	ug/l	96
7) Trichlorofluoromethane	2.141	101	42915	1.613	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	23802	1.599	ug/l	95
9) 1,1-Dichloroethene	2.581	96	22327	1.531	ug/l	94
10) Iodomethane	2.723	142	20250	1.684	ug/l	97
11) Allyl Chloride	2.926	41	37056	1.648	ug/l	93
12) Acrylonitrile	3.318	53	12601	2.880	ug/l	95
13) Acetone	2.630	43	24284	7.936	ug/l #	87
14) Carbon Disulfide	2.794	76	64603	1.430	ug/l	98
15) Methylene Chloride	3.044	84	47606	2.412	ug/l	98
16) trans-1,2-Dichloroethene	3.350	96	24145	1.602	ug/l	94
17) 1,1-Dichloroethane	3.868	63	53133	1.692	ug/l	98
18) 2-Butanone	4.720	43	34018	7.068	ug/l	97
19) Cyclohexane	5.388	56	31678m	1.390	ug/l	
20) Methylcyclohexane	6.761	83	30592	1.703	ug/l	92
21) 2,2-Dichloropropane	4.665	77	40476	1.696	ug/l	100
22) cis-1,2-Dichloroethene	4.668	96	28424	1.666	ug/l	100
23) Diethyl Ether	2.379	59	19245	1.536	ug/l	96
24) tert-Butyl Alcohol	3.192	59	24979	15.750	ug/l	96
25) Methyl tert-Butyl Ether	3.369	73	59399	1.533	ug/l	98
26) Bromochloromethane	4.977	128	13142	1.920	ug/l	98
27) Chloroform	5.089	83	54396	1.788	ug/l	95
28) 1,1,1-Trichloroethane	5.318	97	44023	1.695	ug/l	99
29) 1,1-Dichloropropene	5.527	75	31679	1.523	ug/l	98
30) Carbon Tetrachloride	5.520	117	34872	1.678	ug/l	96
31) Isopropyl Ether	3.999	45	66068	1.356	ug/l	85
32) Ethyl-t-butyl ether	4.507	59	54800	1.432	ug/l	99
33) Tert-Amyl methyl ether	5.945	73	47134	1.889	ug/l	99
34) Propionitrile	4.794	54	11292	7.943	ug/l #	93
35) Benzene	5.774	78	108732	1.778	ug/l	99
36) 1,2-Dichloroethane	5.797	62	32302	1.730	ug/l	99
37) Trichloroethene	6.543	130	26254	1.791	ug/l	96
38) 1,2-Dichloropropane	6.794	63	29967	1.826	ug/l	97
39) Methacrylonitrile	4.980	41	7182	1.231	ug/l #	90
40) Methyl acrylate	4.861	55	11528m	1.297	ug/l	
41) Tetrahydrofuran	5.064	42	7800	2.671	ug/l #	64
42) 1-Chlorobutane	5.459	56	43820	1.479	ug/l	95
43) Dibromomethane	6.922	93	15744	1.780	ug/l	90
44) Bromodichloromethane	7.105	83	38663	1.852	ug/l	98

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Instrument :
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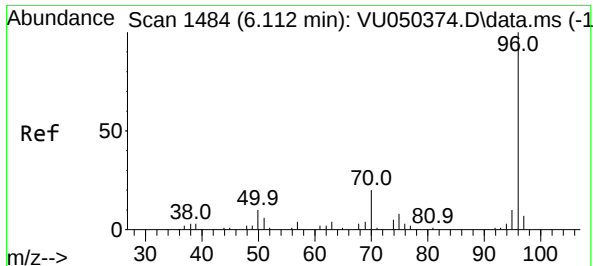
Manual Integrations
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	72759	8.193	ug/l	95
46) t-1,4-Dichloro-2-butene	10.826	75	14954m	3.270	ug/l	
47) Methyl methacrylate	6.967	69	21086	3.428	ug/l	92
48) Ethyl methacrylate	8.337	69	18444	1.714	ug/l	95
49) Toluene	7.970	92	56944	1.733	ug/l	96
50) t-1,3-Dichloropropene	8.215	75	27163	1.671	ug/l	96
51) cis-1,3-Dichloropropene	7.610	75	33004	1.774	ug/l	97
52) 1,1,2-Trichloroethane	8.401	97	22270	1.713	ug/l	97
53) 1,3-Dichloropropane	8.578	76	36030	1.760	ug/l	96
54) 2-Hexanone	8.691	43	47421	7.668	ug/l	95
55) Dibromochloromethane	8.810	129	23726	1.659	ug/l	97
56) 1,2-Dibromoethane	8.925	107	19056	1.632	ug/l	95
58) Tetrachloroethene	8.552	164	23569	1.709	ug/l	95
59) Chlorobenzene	9.449	112	60675	1.712	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.533	131	26010	1.746	ug/l	97
61) Pentachloroethane	11.427	117	22216	1.792	ug/l	91
62) Hexachloroethane	12.475	117	19056	1.847	ug/l	97
63) Ethyl Benzene	9.572	91	90870	1.765	ug/l	98
64) m/p-Xylenes	9.697	106	68790	3.369	ug/l	97
65) o-Xylene	10.099	106	34029	1.729	ug/l	97
66) Styrene	10.115	104	55559	1.706	ug/l	100
67) Bromoform	10.292	173	13100	1.613	ug/l	98
69) Isopropylbenzene	10.485	105	87259	1.744	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.784	83	28627	1.600	ug/l	97
71) 1,2,3-Trichloropropane	10.826	75	21550m	1.601	ug/l	
72) Bromobenzene	10.784	156	26251	1.715	ug/l	99
73) n-propylbenzene	10.906	120	22177	1.658	ug/l	96
74) 2-Chlorotoluene	10.986	126	24066	1.695	ug/l	99
75) 1,3,5-Trimethylbenzene	11.089	105	74562	1.651	ug/l	97
76) 4-Chlorotoluene	11.099	126	23454	1.619	ug/l	100
77) tert-Butylbenzene	11.420	119	75168	1.705	ug/l	96
78) 1,2,4-Trimethylbenzene	11.469	105	72185	1.605	ug/l	94
79) sec-Butylbenzene	11.645	105	95862	1.671	ug/l	99
80) Nitrobenzene	13.218	77	6436m	6.630	ug/l	
81) p-Isopropyltoluene	11.793	119	72749	1.641	ug/l	98
82) 1,3-Dichlorobenzene	11.745	146	54306	1.723	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	53543	1.709	ug/l	99
84) n-Butylbenzene	12.211	91	72005	1.710	ug/l	98
85) 1,2-Dichlorobenzene	12.215	146	51090	1.649	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.999	75	3898	1.380	ug/l	88
87) 1,2,4-Trichlorobenzene	13.845	180	28281	1.600	ug/l	98
88) Hexachlorobutadiene	14.022	225	18501	1.608	ug/l	98
89) Naphthalene	14.089	128	44316	1.796	ug/l	97
90) 1,2,3-Trichlorobenzene	14.330	180	26235	1.585	ug/l	99

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



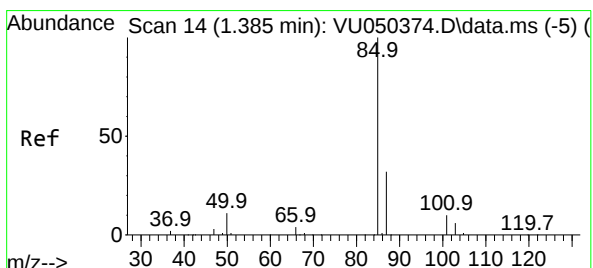
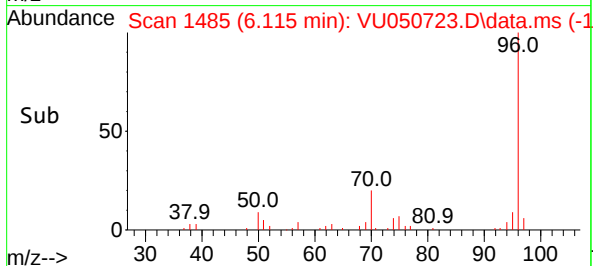
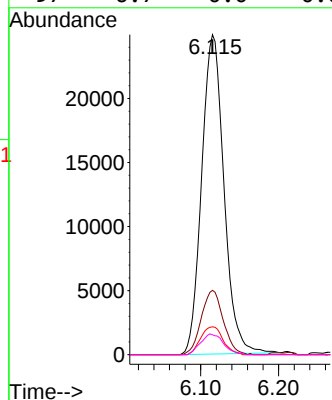
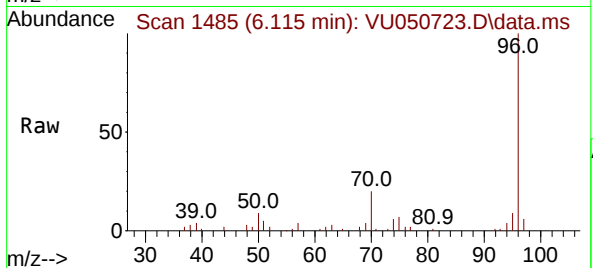
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01

Tgt Ion: 96 Resp: 4953
Ion Ratio Lower Upper
96 100
70 19.9 16.7 25.1
95 8.8 7.4 11.0
97 6.7 0.0 0.0#

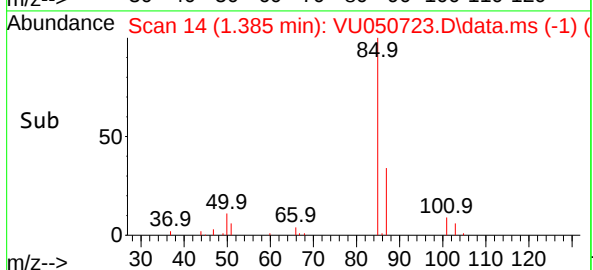
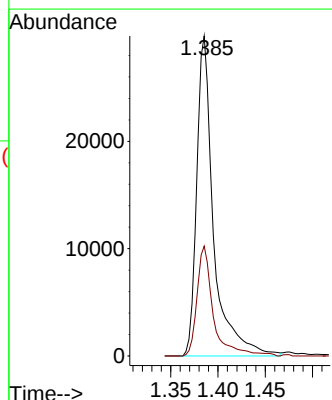
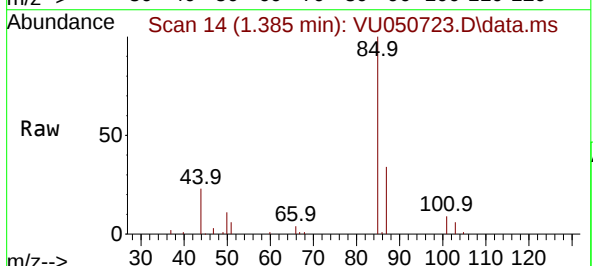
Manual Integrations
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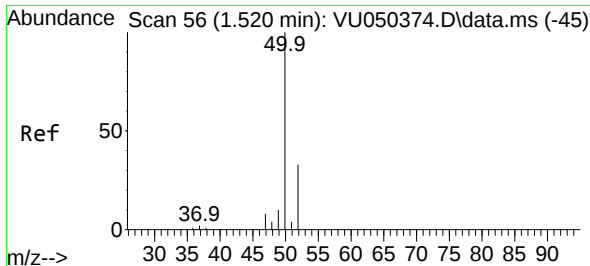
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#2
Dichlorodifluoromethane
Concen: 1.804 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

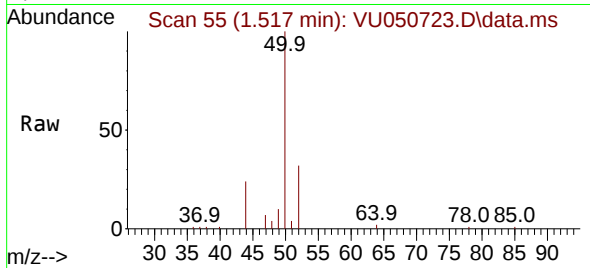
Tgt Ion: 85 Resp: 37002
Ion Ratio Lower Upper
85 100
87 34.4 16.3 48.8





#3
Chloromethane
Concen: 1.501 ug/l
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

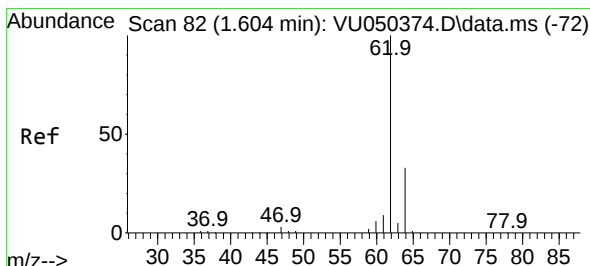
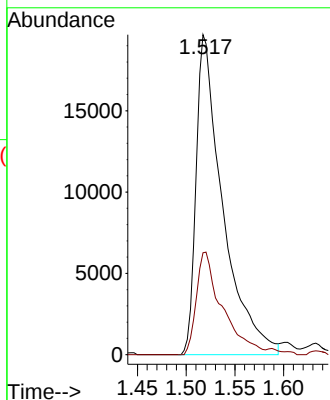
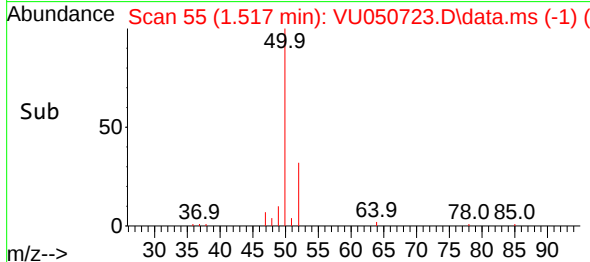
Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01



Tgt Ion: 50 Resp: 3745
Ion Ratio Lower Upper
50 100
52 31.9 26.1 39.1

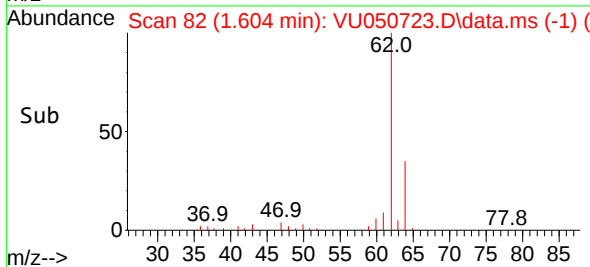
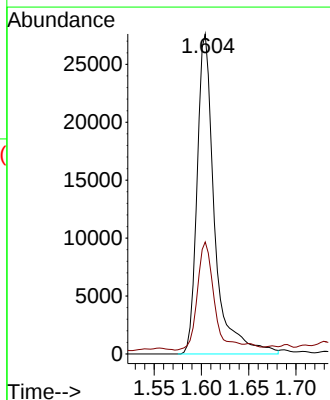
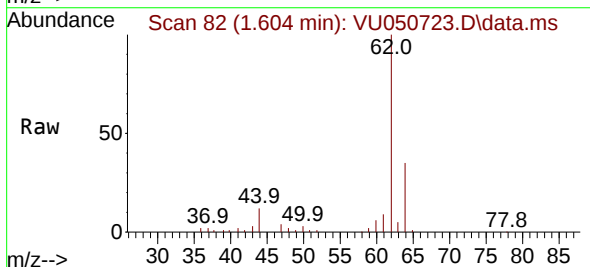
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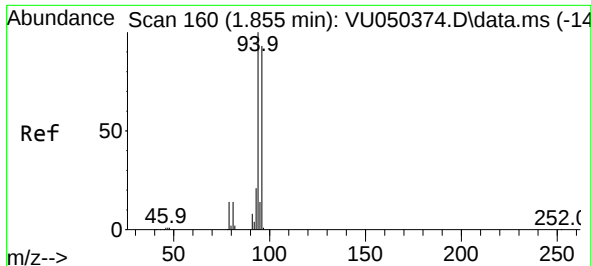
Reviewed By :Krupa Patel 09/19/2022
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#4
Vinyl Chloride
Concen: 1.666 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

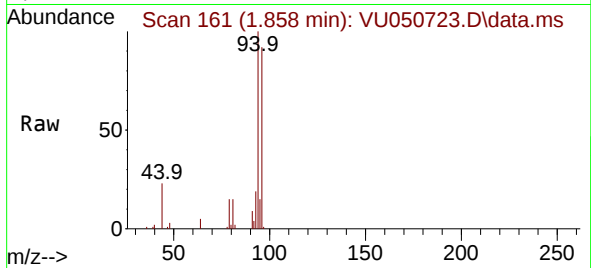
Tgt Ion: 62 Resp: 35522
Ion Ratio Lower Upper
62 100
64 33.7 25.5 38.3





#5
Bromomethane
Concen: 2.355 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.007 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

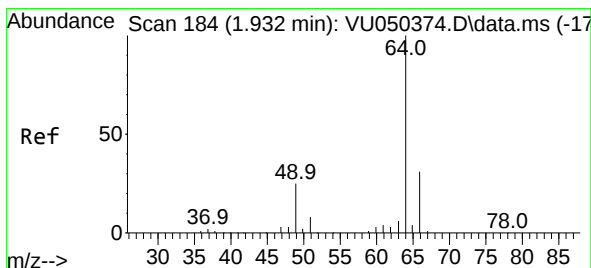
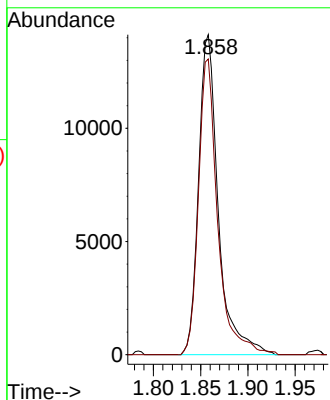
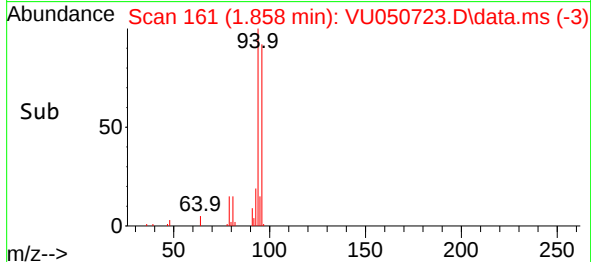
Instrument :
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ClientSampleId :
VU0916WBS01



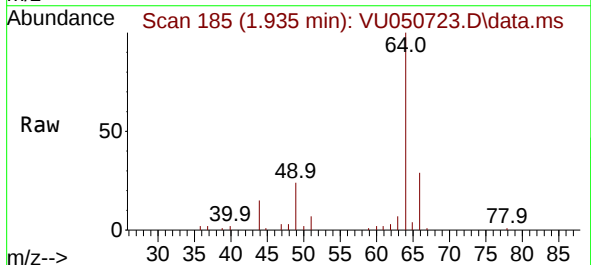
Tgt Ion: 94 Resp: 20540
Ion Ratio Lower Upper
94 100
96 92.4 73.0 109.6

Manual Integrations
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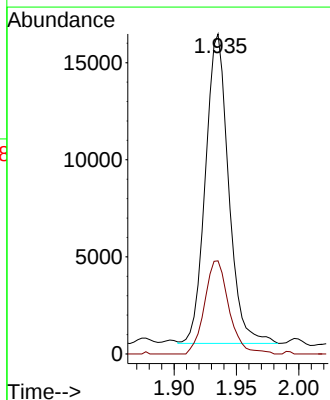
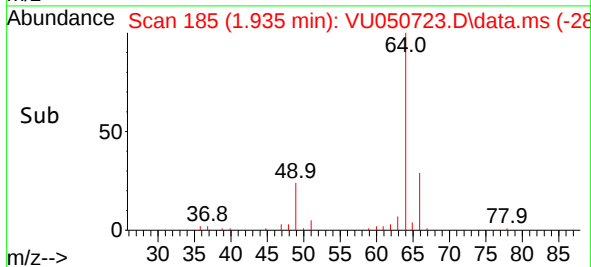
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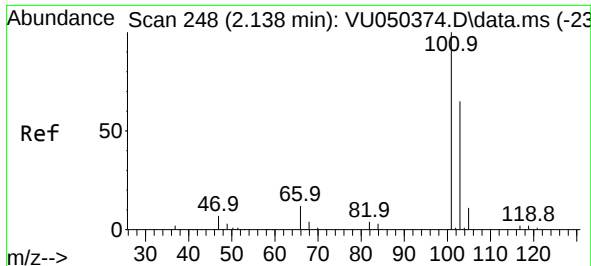


#6
Chloroethane
Concen: 1.601 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.004 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43



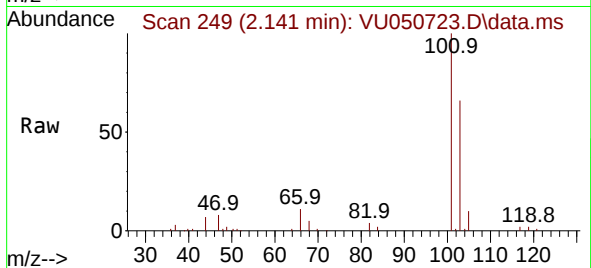
Tgt Ion: 64 Resp: 20645
Ion Ratio Lower Upper
64 100
66 30.1 25.8 38.6





#7
Trichlorofluoromethane
Concen: 1.613 ug/l
RT: 2.141 min Scan# 248
Delta R.T. 0.004 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

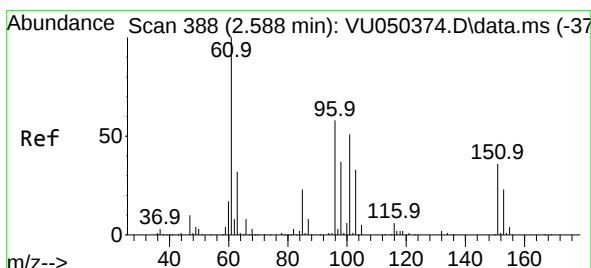
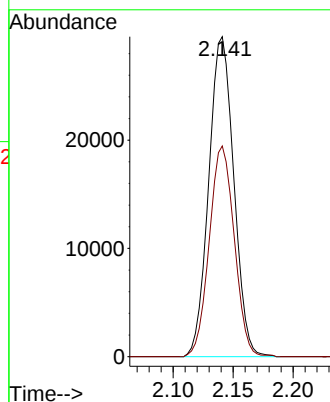
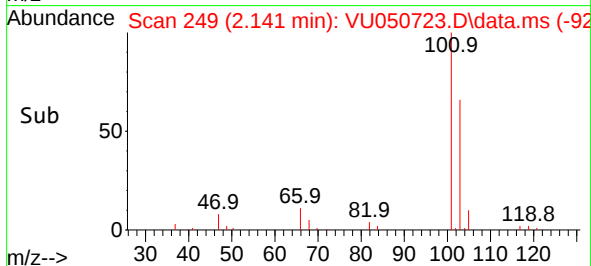
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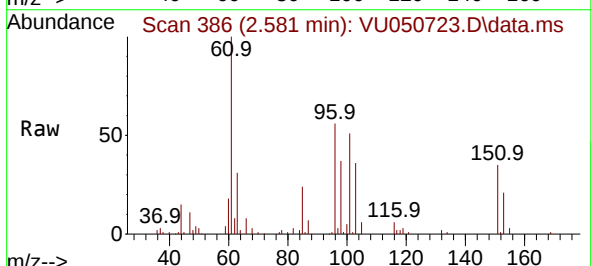
Tgt Ion:101 Resp: 42915
Ion Ratio Lower Upper
101 100
103 65.8 51.8 77.6

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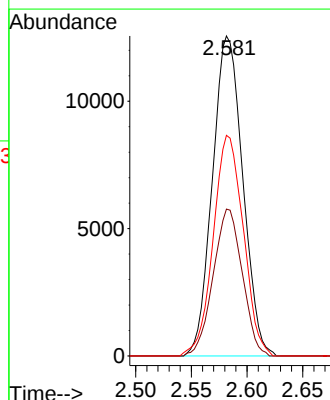
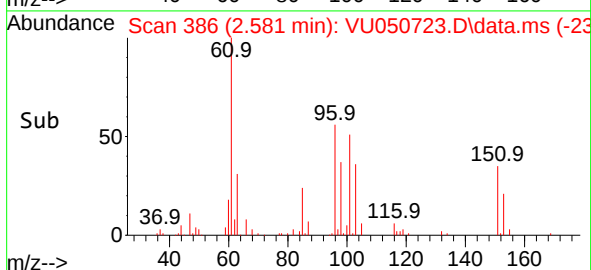
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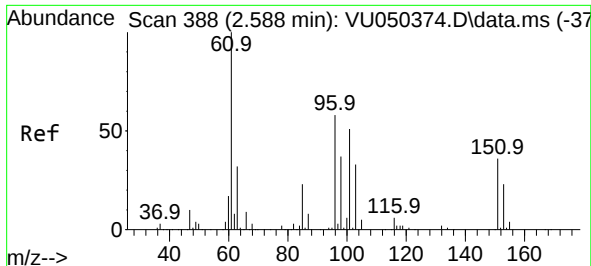


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.599 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43



Tgt Ion:101 Resp: 23802
Ion Ratio Lower Upper
101 100
85 44.0 36.4 54.6
151 68.4 59.1 88.7





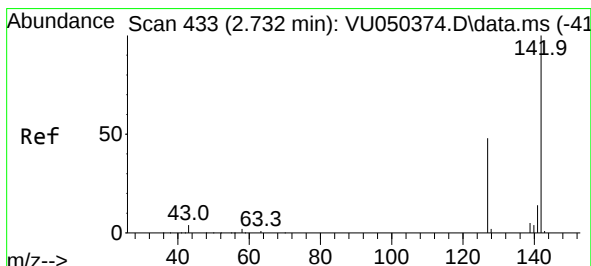
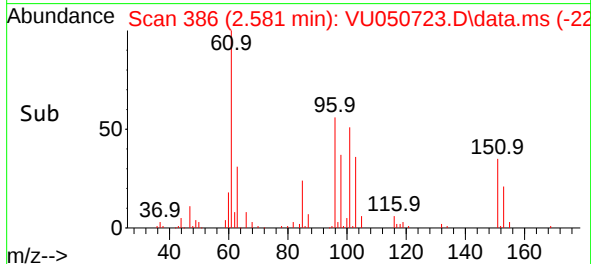
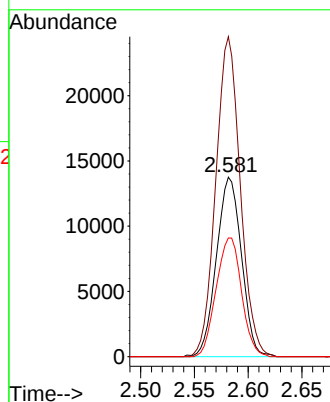
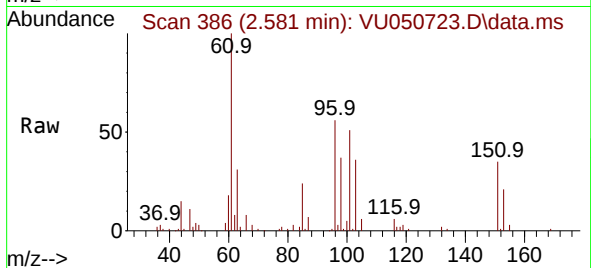
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1,1-Dichloroethene
Concen: 1.531 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.004 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01

Tgt Ion: 96 Resp: 2232
Ion Ratio Lower Upper
96 100
61 178.3 0.0 510.6
98 66.1 0.0 124.6

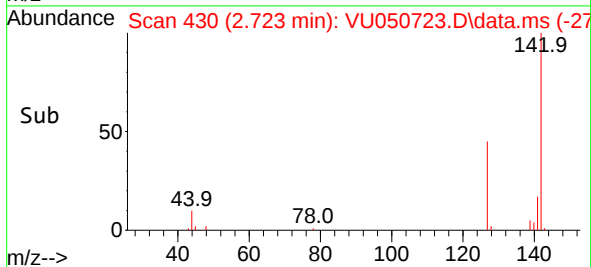
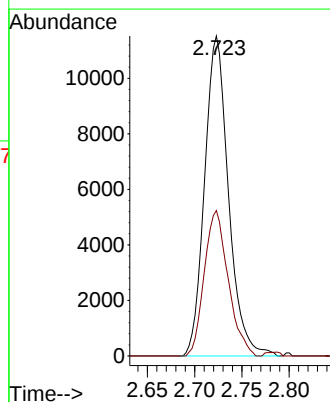
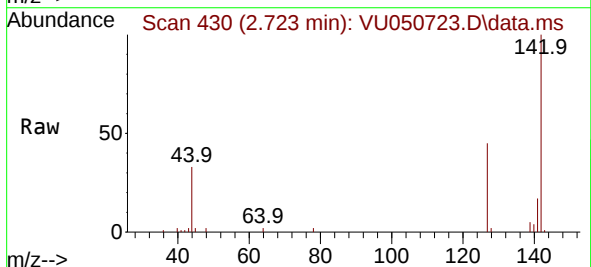
Manual Integrations
APPROVED

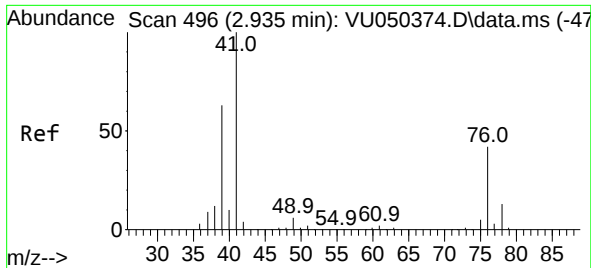
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#10
Iodomethane
Concen: 1.684 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.004 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Tgt Ion:142 Resp: 20250
Ion Ratio Lower Upper
142 100
127 45.5 38.2 57.2





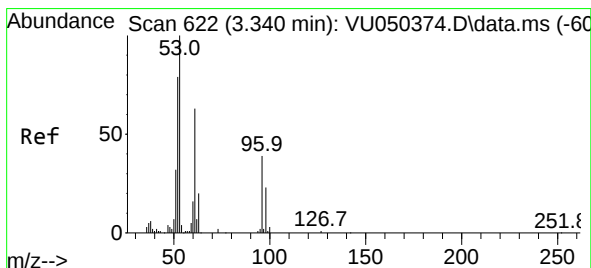
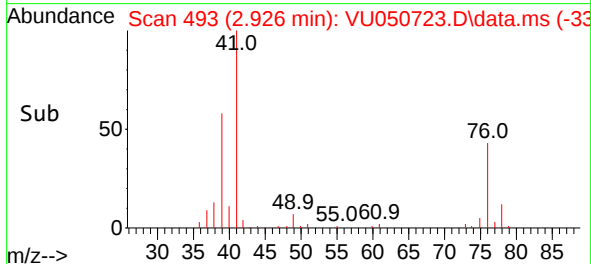
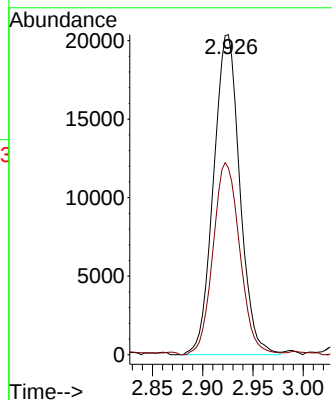
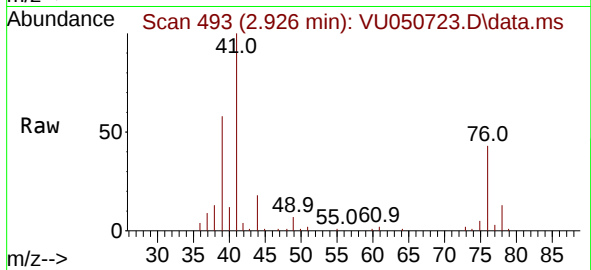
#11
 Allyl Chloride
 Concen: 1.648 ug/l
 RT: 2.926 min Scan# 496
 Delta R.T. 0.004 min
 Lab File: VU050723.D
 Acq: 16 Sep 2022 13:43

Instrument :
 MSVOA_U
 Client Sample Id :
 VU0916WBS01

Tgt Ion: 41 Resp: 37050
 Ion Ratio Lower Upper
 41 100
 39 61.1 53.2 79.8

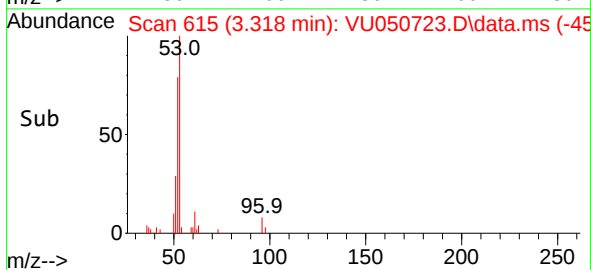
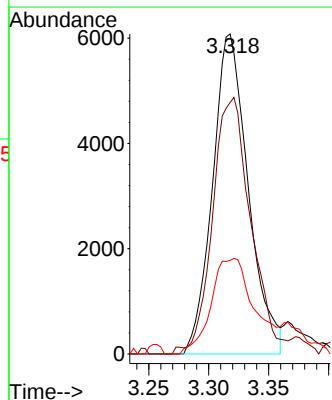
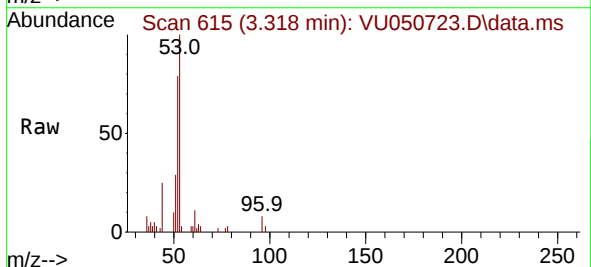
Manual Integrations
 APPROVED

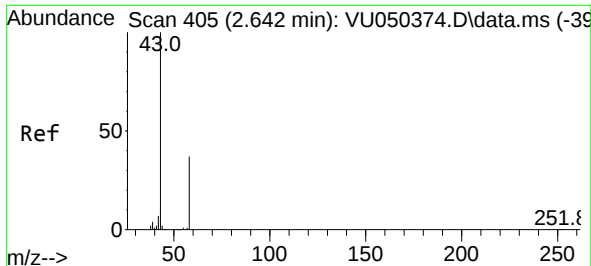
Reviewed By :Krupa Patel 09/19/2022
 Supervised By :Mahesh Dadoda 09/21/2022



#12
 Acrylonitrile
 Concen: 2.880 ug/l
 RT: 3.318 min Scan# 615
 Delta R.T. 0.000 min
 Lab File: VU050723.D
 Acq: 16 Sep 2022 13:43

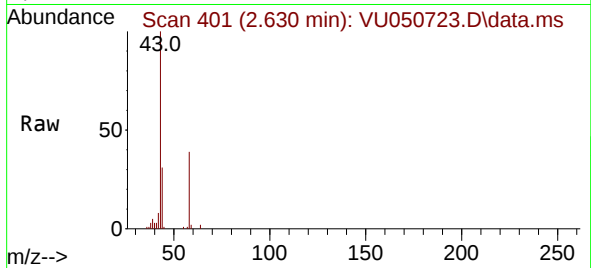
Tgt Ion: 53 Resp: 12601
 Ion Ratio Lower Upper
 53 100
 52 85.7 64.6 97.0
 51 35.8 30.7 46.1





#13
Acetone
Concen: 7.936 ug/l
RT: 2.630 min Scan# 405
Delta R.T. 0.004 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

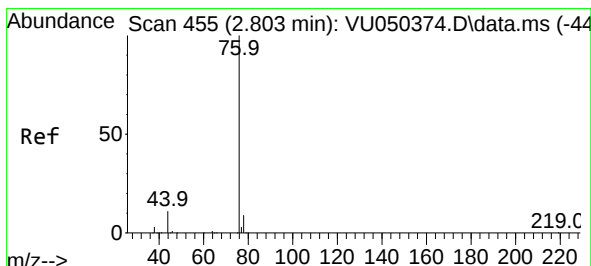
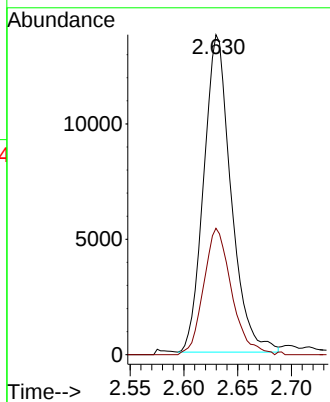
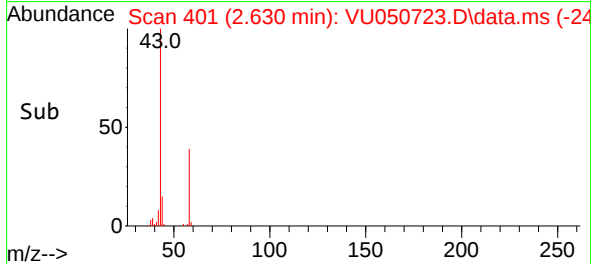
Instrument :
MSVOA_U
Client Sample Id :
VU0916WBS01



Tgt Ion: 43 Resp: 24284
Ion Ratio Lower Upper
43 100
58 39.8 26.2 39.2

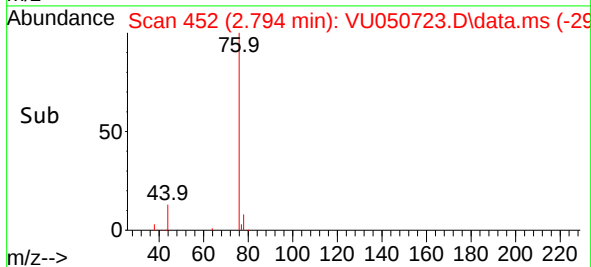
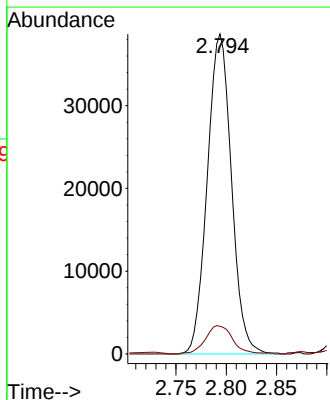
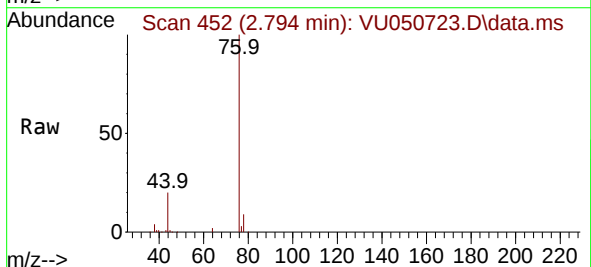
Manual Integrations
APPROVED

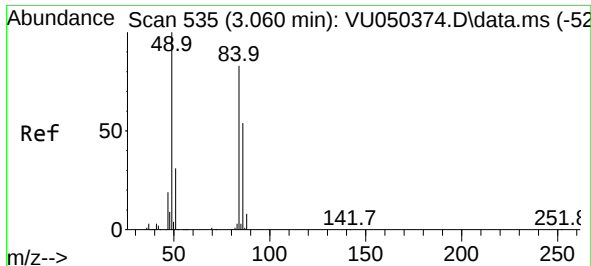
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#14
Carbon Disulfide
Concen: 1.430 ug/l
RT: 2.794 min Scan# 452
Delta R.T. 0.004 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Tgt Ion: 76 Resp: 64603
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0





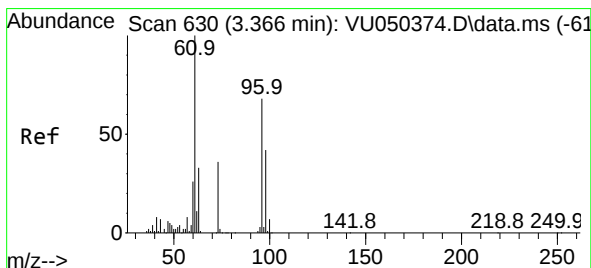
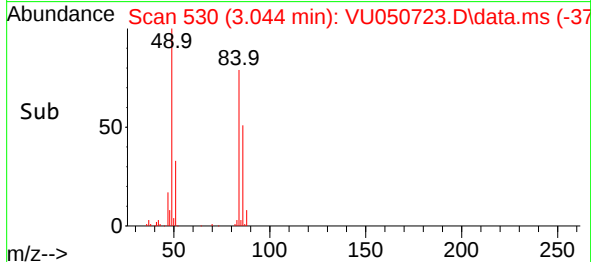
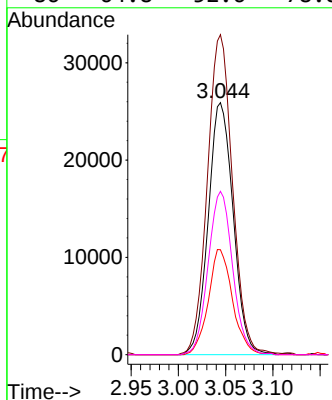
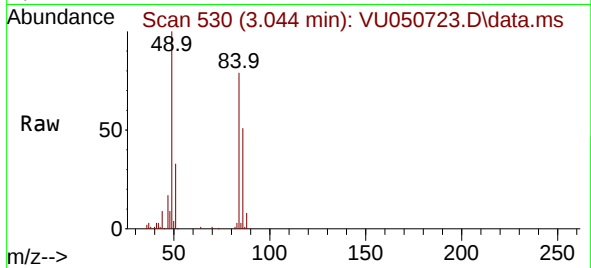
#15
Methylene Chloride
Concen: 2.412 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01

Tgt Ion: 84 Resp: 47600
Ion Ratio Lower Upper
84 100
49 127.0 104.6 157.0
51 41.7 0.0 81.4
86 64.8 52.6 78.8

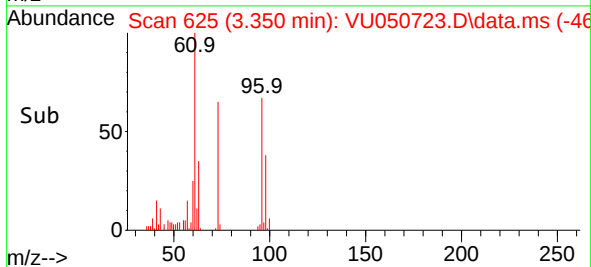
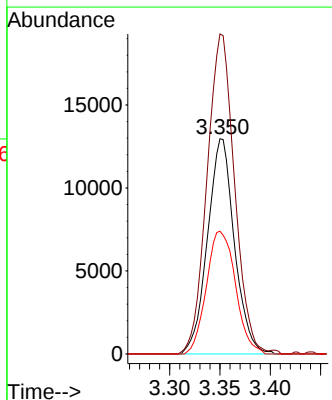
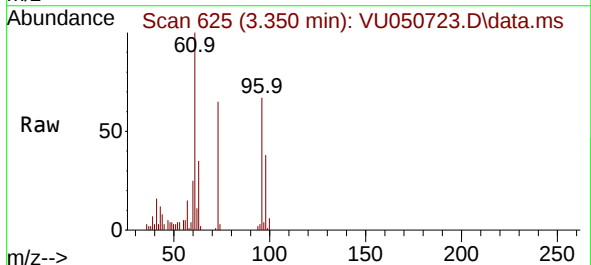
Manual Integrations
APPROVED

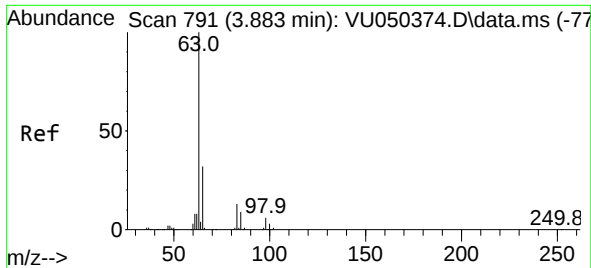
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#16
trans-1,2-Dichloroethene
Concen: 1.602 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

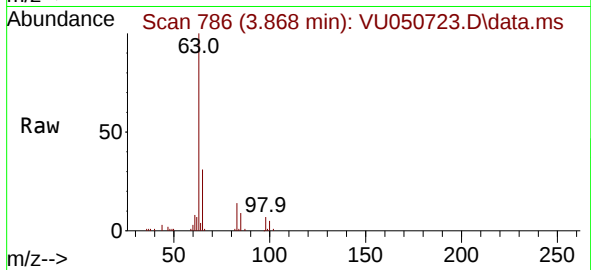
Tgt Ion: 96 Resp: 24145
Ion Ratio Lower Upper
96 100
61 148.7 123.4 185.0
98 57.0 51.6 77.4





#17
 1,1-Dichloroethane
 Concen: 1.692 ug/l
 RT: 3.868 min Scan# 791
 Delta R.T. 0.004 min
 Lab File: VU050723.D
 Acq: 16 Sep 2022 13:43

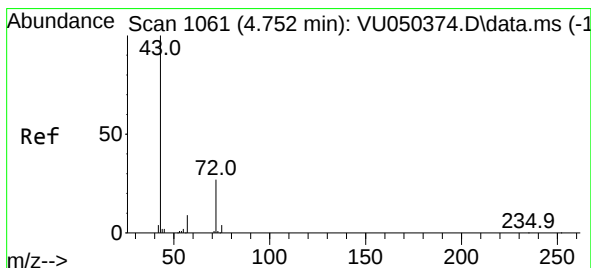
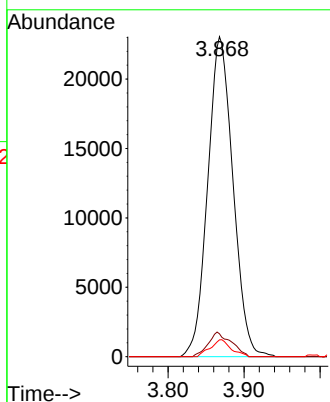
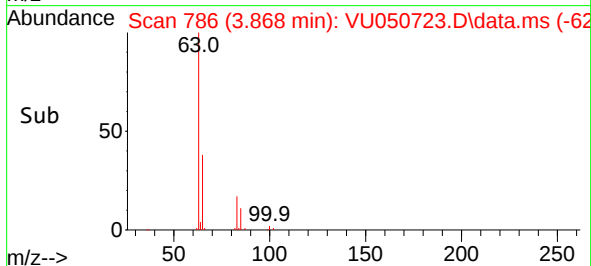
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0916WBS01



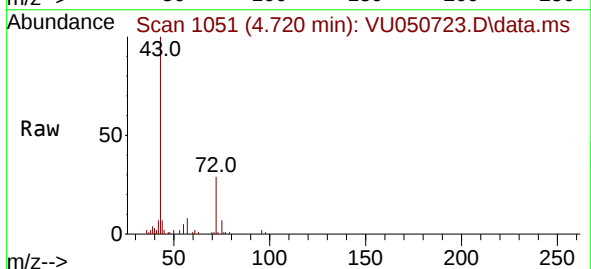
Tgt Ion: 63 Resp: 5313
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.2
 100 5.3 2.0 6.0

Manual Integrations
 APPROVED

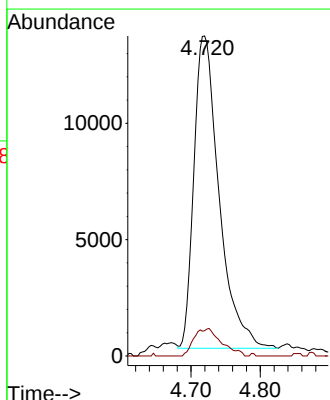
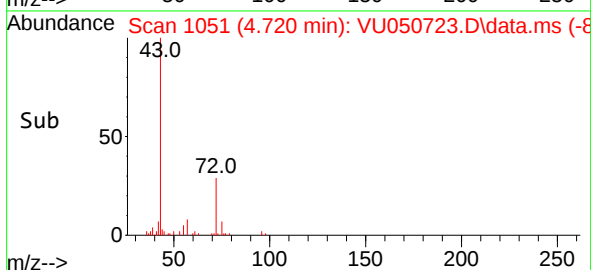
Reviewed By :Krupa Patel 09/19/2022
 Supervised By :Mahesh Dadoda 09/21/2022

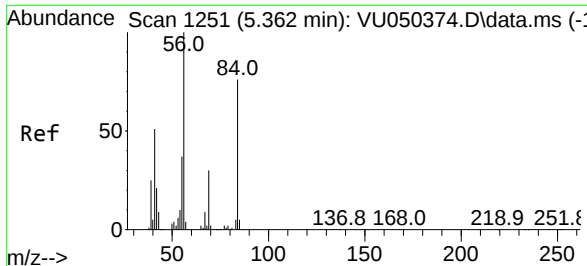


#18
 2-Butanone
 Concen: 7.068 ug/l
 RT: 4.720 min Scan# 1051
 Delta R.T. 0.000 min
 Lab File: VU050723.D
 Acq: 16 Sep 2022 13:43



Tgt Ion: 43 Resp: 34018
 Ion Ratio Lower Upper
 43 100
 57 8.1 0.0 18.0





#19

Cyclohexane

Concen: 1.390 ug/l m

RT: 5.388 min Scan# 1

Delta R.T. 0.004 min

Lab File: VU050723.D

Acq: 16 Sep 2022 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU0916WBS01

Tgt Ion: 56 Resp: 31678

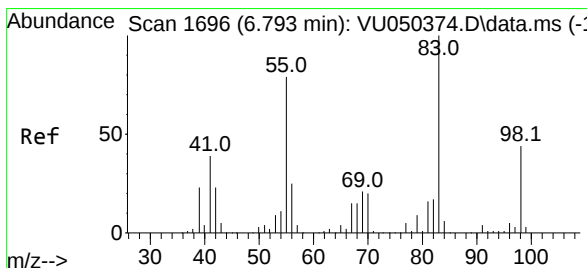
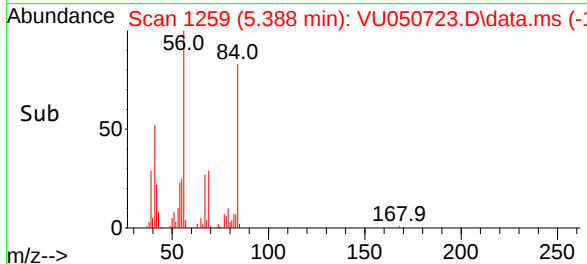
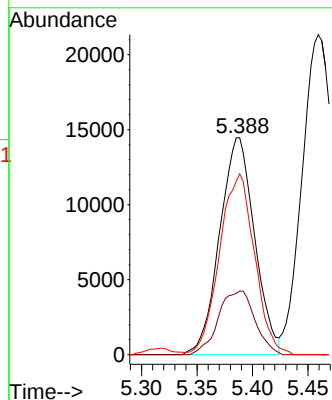
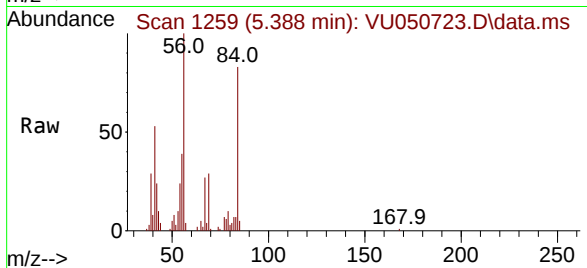
Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.2	36.4
84	82.1	63.4	95.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#20

Methylcyclohexane

Concen: 1.703 ug/l

RT: 6.761 min Scan# 1686

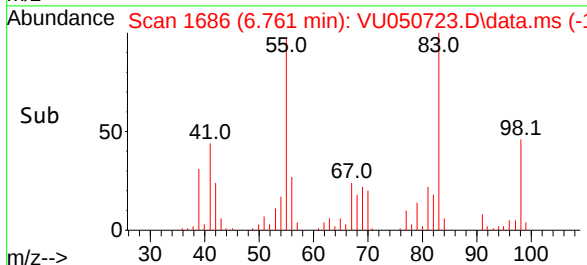
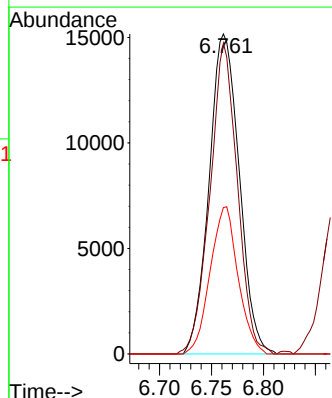
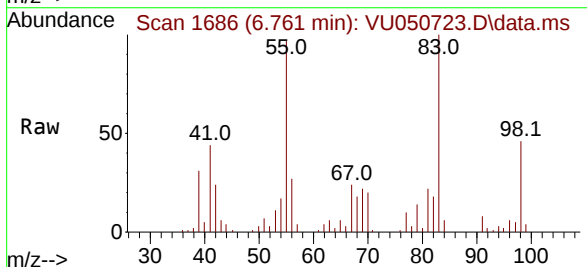
Delta R.T. 0.000 min

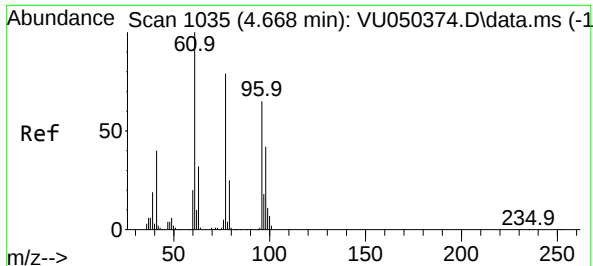
Lab File: VU050723.D

Acq: 16 Sep 2022 13:43

Tgt Ion: 83 Resp: 30592

Ion	Ratio	Lower	Upper
83	100		
55	88.3	63.0	94.4
98	42.7	35.7	53.5





#21

2,2-Dichloropropane

Concen: 1.696 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050723.D

Acq: 16 Sep 2022 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU0916WBS01

Tgt Ion: 77 Resp: 40470

Ion Ratio Lower Upper

77 100

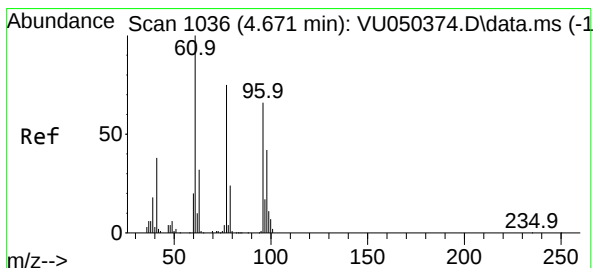
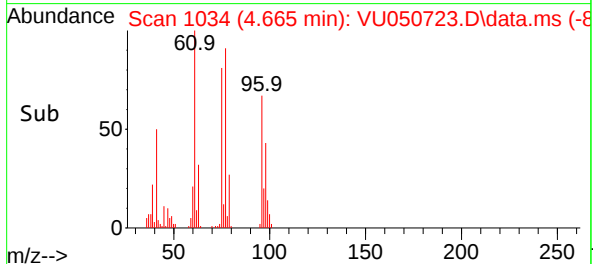
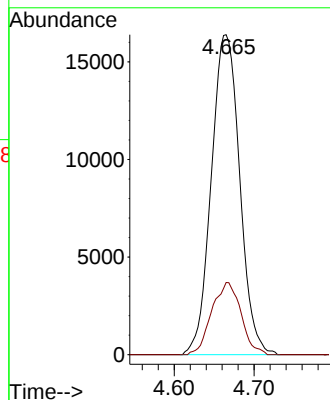
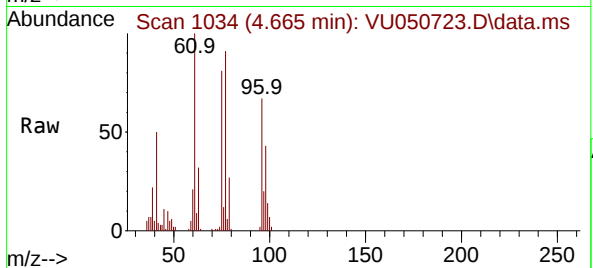
97 23.2 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#22

cis-1,2-Dichloroethene

Concen: 1.666 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.004 min

Lab File: VU050723.D

Acq: 16 Sep 2022 13:43

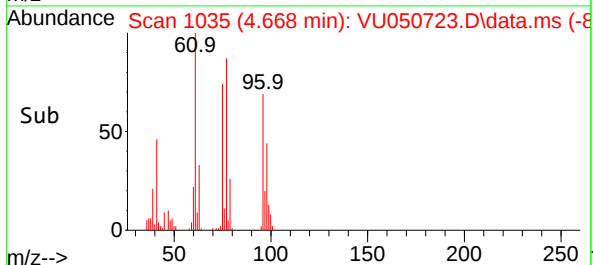
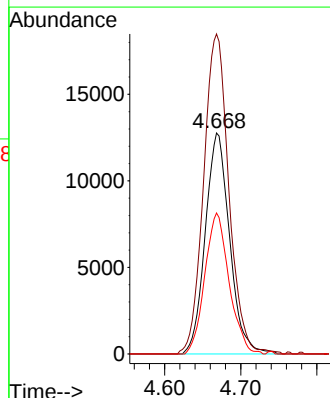
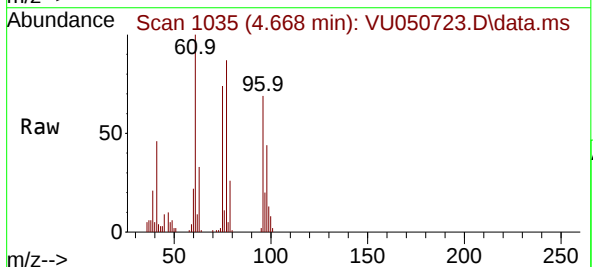
Tgt Ion: 96 Resp: 28424

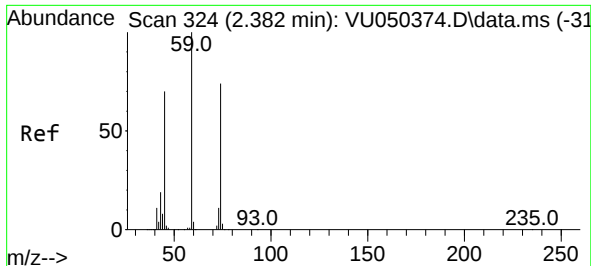
Ion Ratio Lower Upper

96 100

61 149.9 0.0 375.8

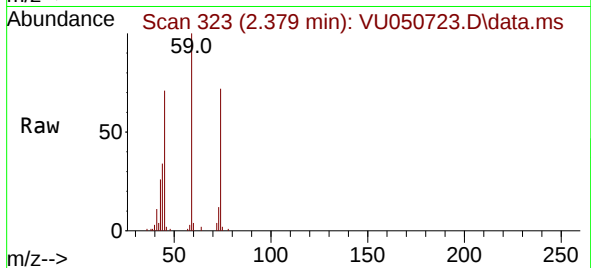
98 63.5 31.6 95.0





#23
Diethyl Ether
Concen: 1.536 ug/l
RT: 2.379 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

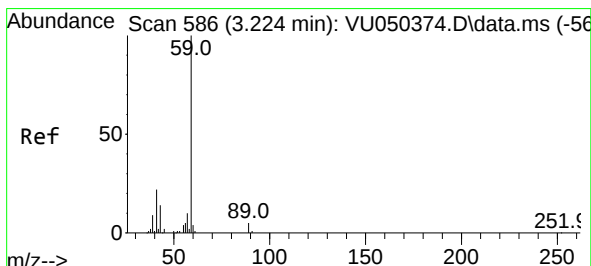
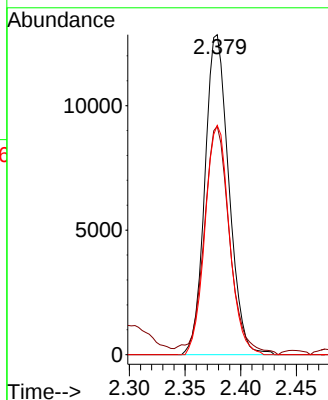
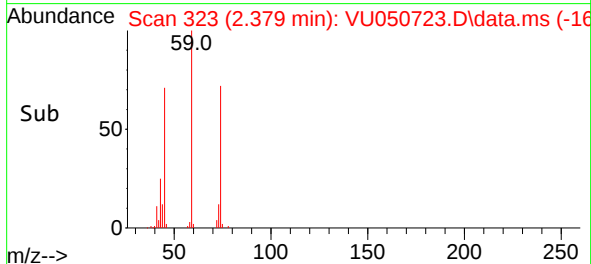
Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01



Tgt Ion: 59 Resp: 1924
Ion Ratio Lower Upper
59 100
45 76.2 56.0 84.0
74 72.6 57.6 86.4

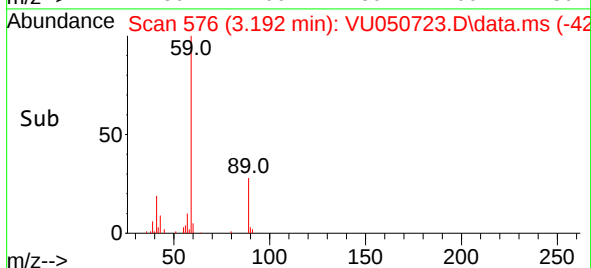
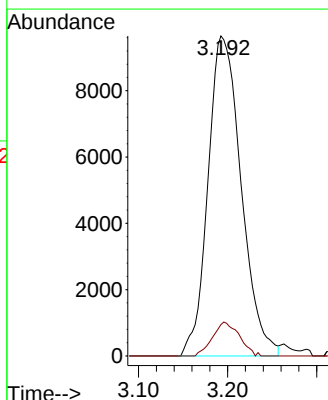
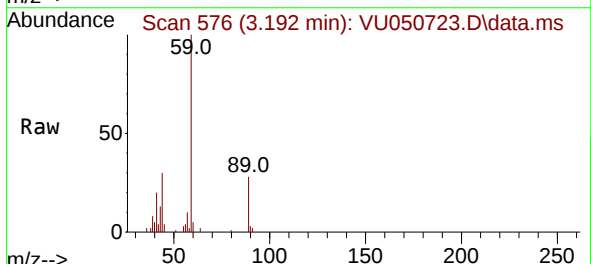
Manual Integrations
APPROVED

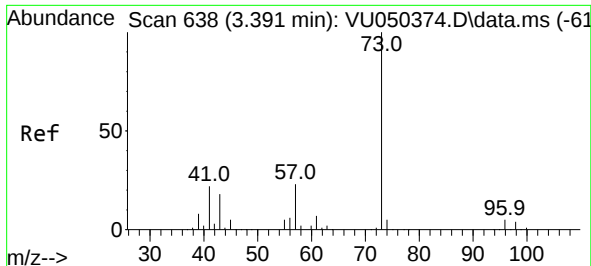
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#24
tert-Butyl Alcohol
Concen: 15.750 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.003 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Tgt Ion: 59 Resp: 24979
Ion Ratio Lower Upper
59 100
57 8.6 8.2 12.2





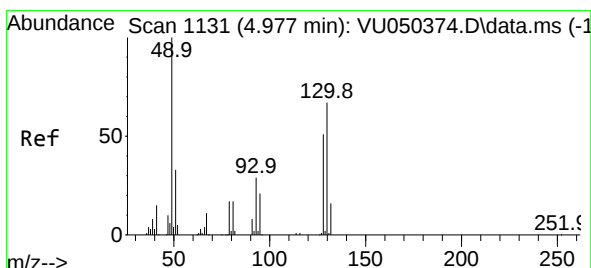
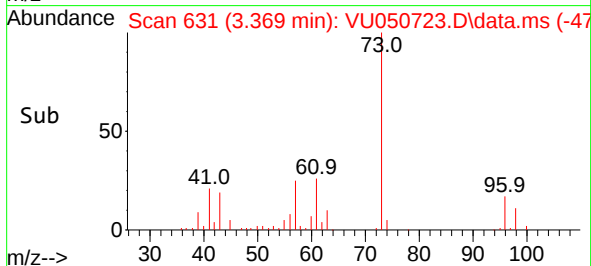
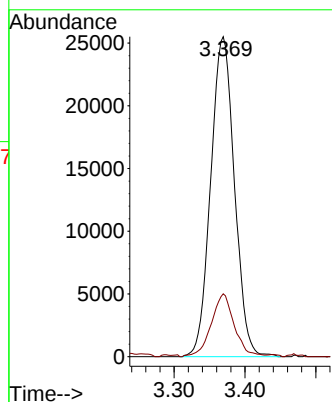
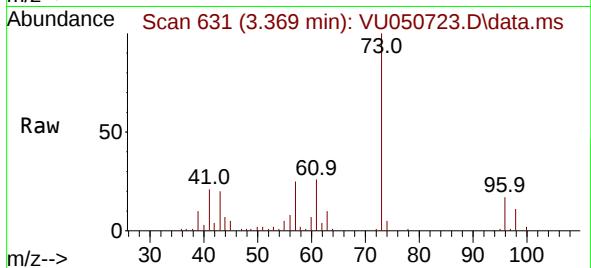
#25
Methyl tert-Butyl Ether
Concen: 1.533 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01

Tgt Ion: 73 Resp: 5939
Ion Ratio Lower Upper
73 100
43 19.1 15.9 23.9

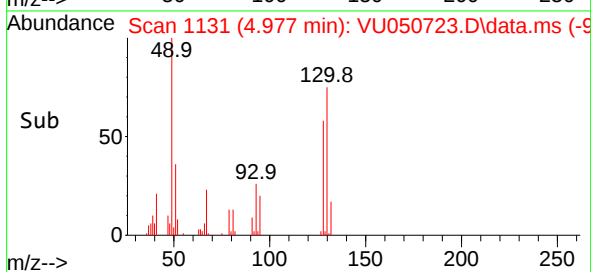
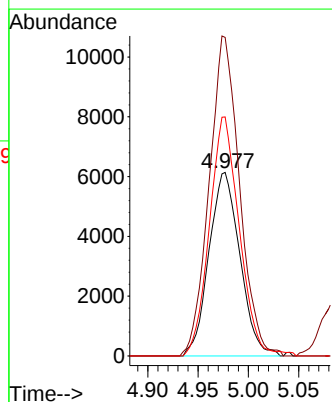
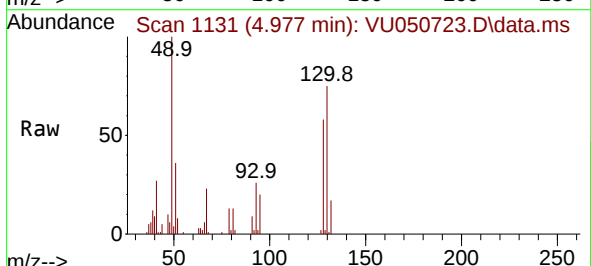
Manual Integrations
APPROVED

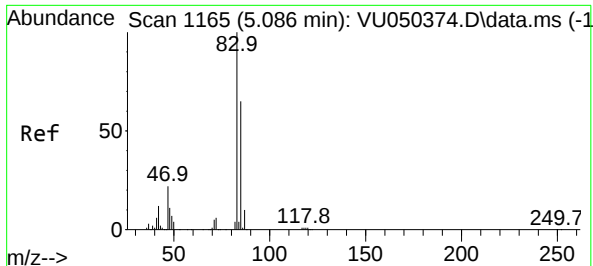
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#26
Bromochloromethane
Concen: 1.920 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.004 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Tgt Ion:128 Resp: 13142
Ion Ratio Lower Upper
128 100
49 171.0 0.0 349.2
130 126.1 103.0 154.6





#27

Chloroform

Concen: 1.788 ug/l

RT: 5.089 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050723.D

Acq: 16 Sep 2022 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU0916WBS01

Tgt Ion: 83 Resp: 54390

Ion Ratio Lower Upper

83 100

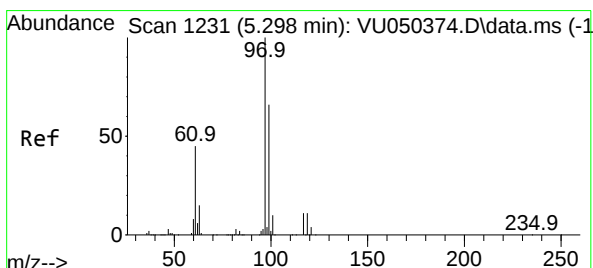
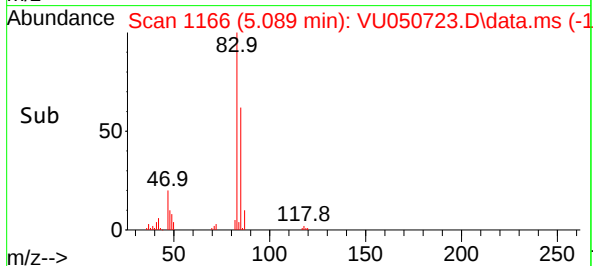
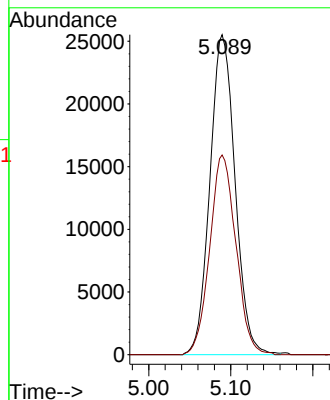
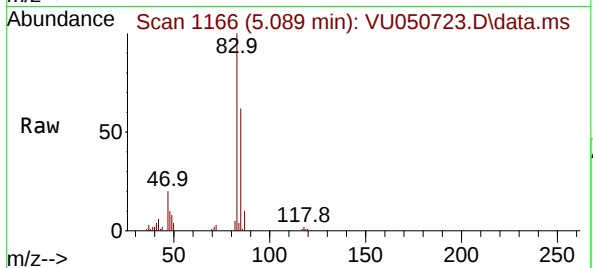
85 62.4 0.0 133.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#28

1,1,1-Trichloroethane

Concen: 1.695 ug/l

RT: 5.318 min Scan# 1237

Delta R.T. 0.004 min

Lab File: VU050723.D

Acq: 16 Sep 2022 13:43

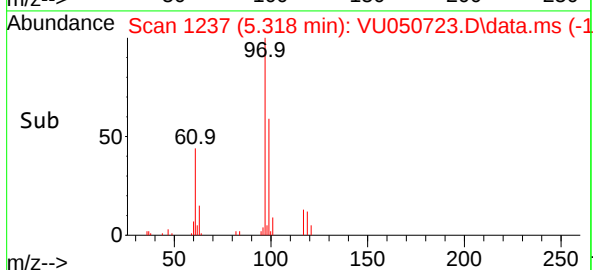
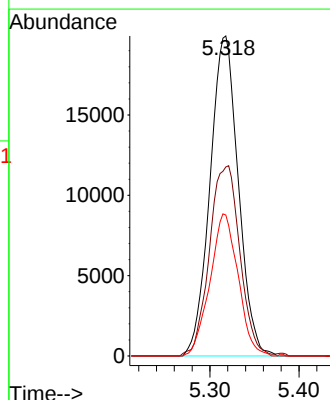
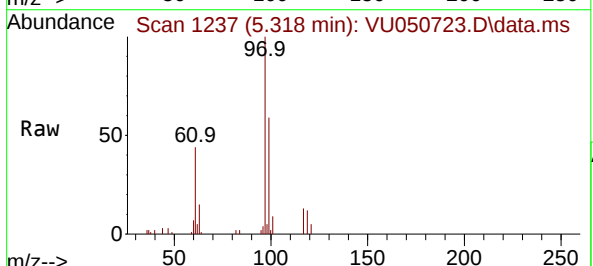
Tgt Ion: 97 Resp: 44023

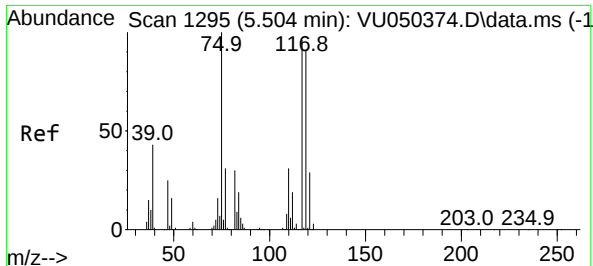
Ion Ratio Lower Upper

97 100

99 63.9 32.1 96.5

61 44.0 21.8 65.4





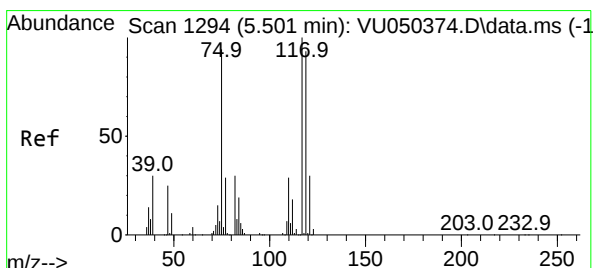
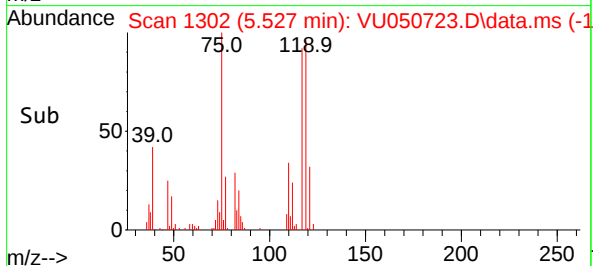
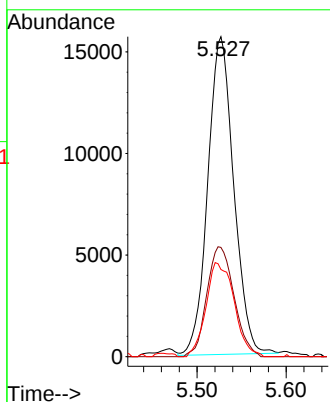
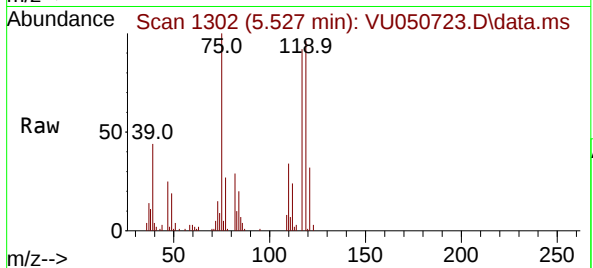
#29
1,1-Dichloropropene
Concen: 1.523 ug/l
RT: 5.527 min Scan# 1302
Delta R.T. 0.004 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01

Tgt Ion: 75 Resp: 31679
Ion Ratio Lower Upper
75 100
110 36.2 17.3 52.0
77 32.0 24.6 37.0

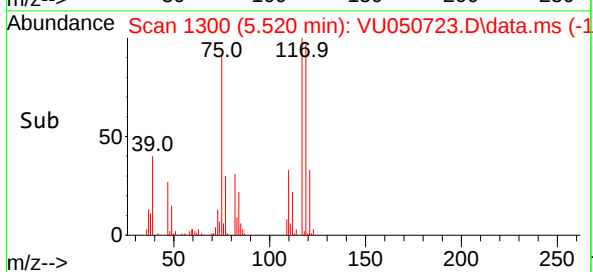
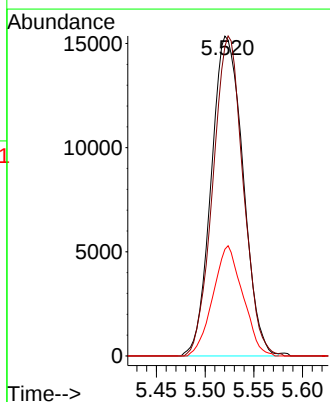
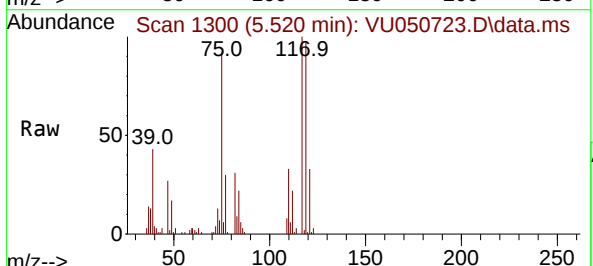
Manual Integrations
APPROVED

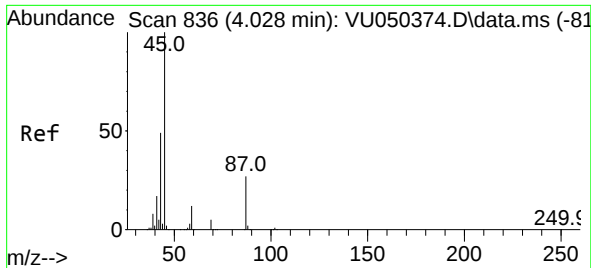
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#30
Carbon Tetrachloride
Concen: 1.678 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

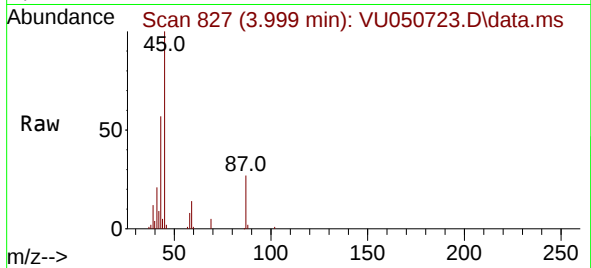
Tgt Ion:117 Resp: 34872
Ion Ratio Lower Upper
117 100
119 96.8 74.6 112.0
121 33.4 24.2 36.4





#31
Isopropyl Ether
Concen: 1.356 ug/l
RT: 3.999 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

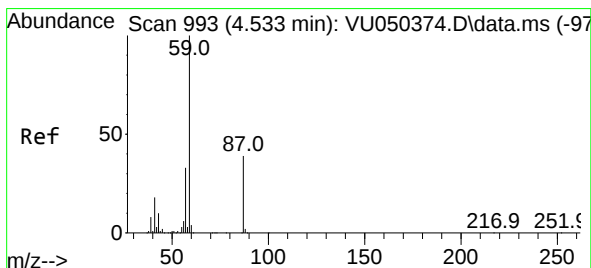
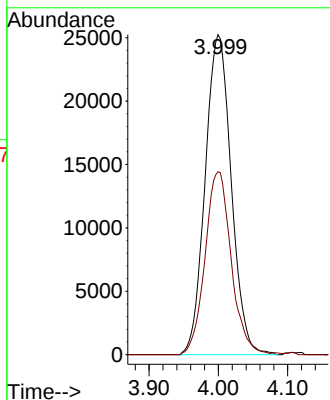
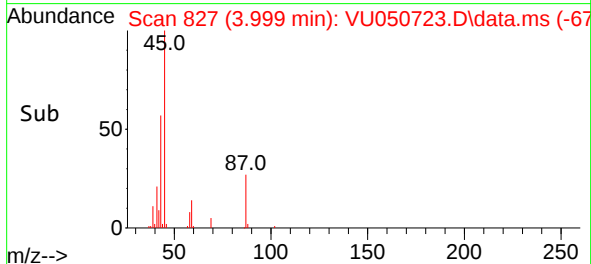
Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01



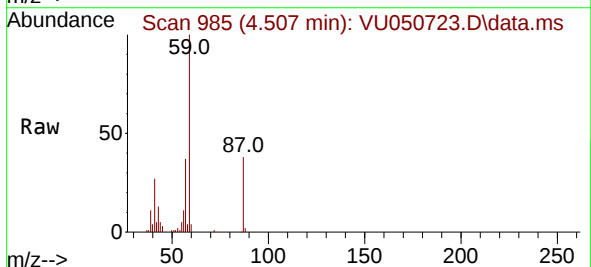
Tgt Ion: 45 Resp: 6606
Ion Ratio Lower Upper
45 100
43 57.2 23.8 71.2

Manual Integrations
APPROVED

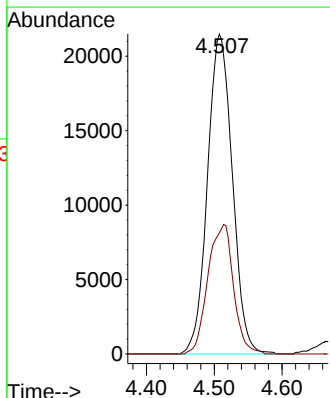
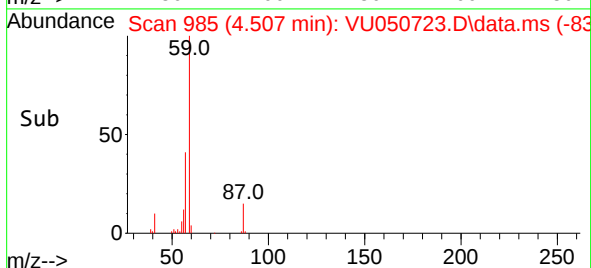
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022

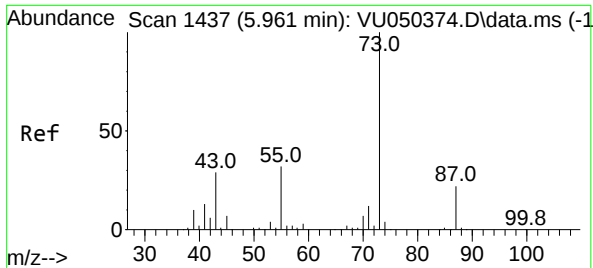


#32
Ethyl-t-butyl ether
Concen: 1.432 ug/l
RT: 4.507 min Scan# 985
Delta R.T. -0.006 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43



Tgt Ion: 59 Resp: 54804
Ion Ratio Lower Upper
59 100
87 41.5 32.5 48.7





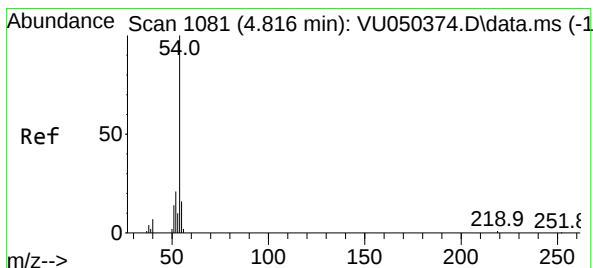
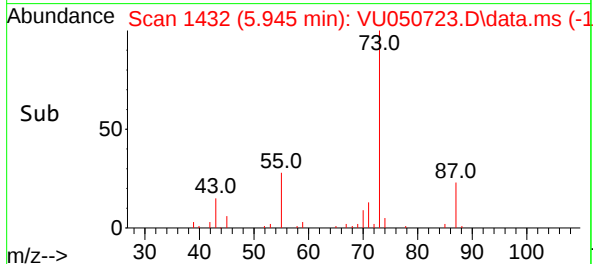
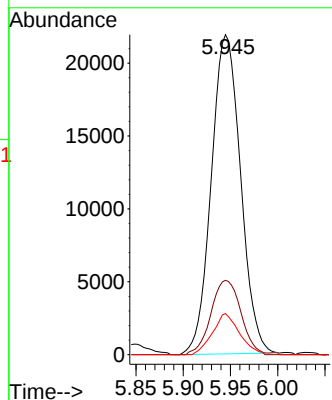
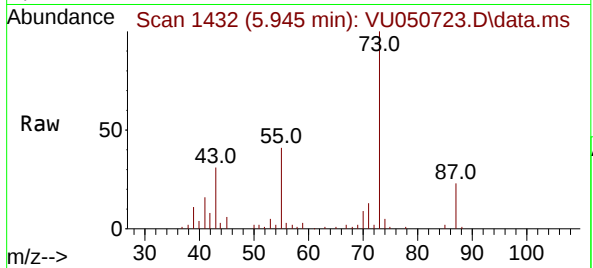
#33
Tert-Amyl methyl ether
Concen: 1.889 ug/l
RT: 5.945 min Scan# 1437
Delta R.T. -0.003 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01

Tgt Ion: 73 Resp: 47134
Ion Ratio Lower Upper
73 100
87 23.8 19.7 29.5
71 11.3 9.0 13.4

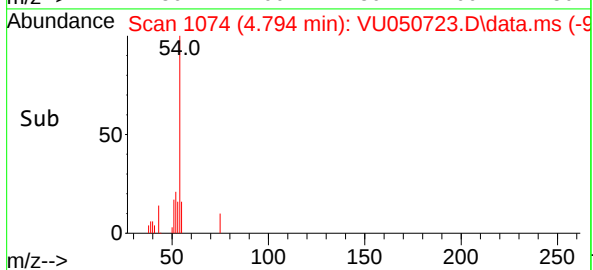
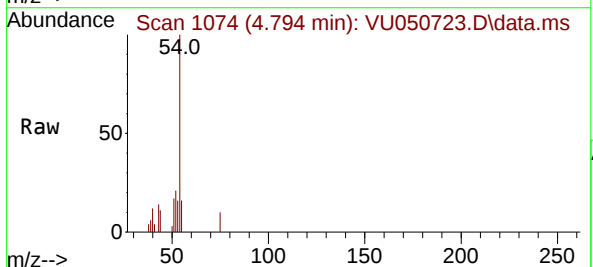
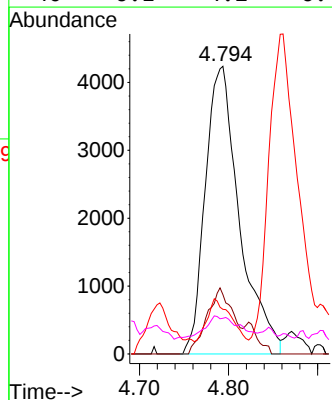
Manual Integrations
APPROVED

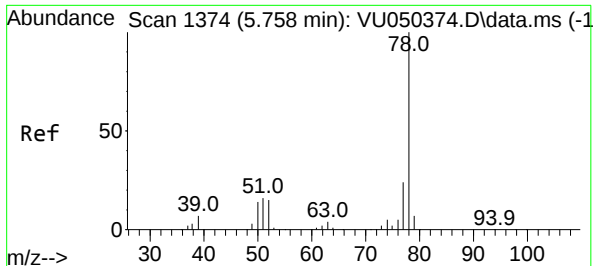
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#34
Propionitrile
Concen: 7.943 ug/l
RT: 4.794 min Scan# 1074
Delta R.T. 0.007 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Tgt Ion: 54 Resp: 11292
Ion Ratio Lower Upper
54 100
52 17.8 15.0 22.6
55 9.9 12.6 19.0#
40 6.1 4.2 6.4





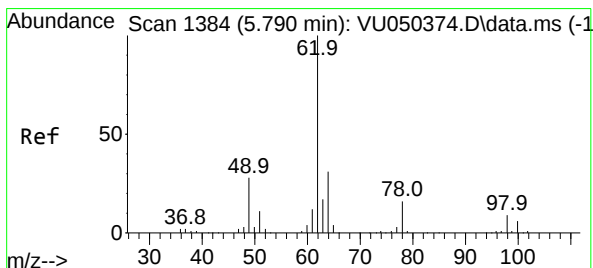
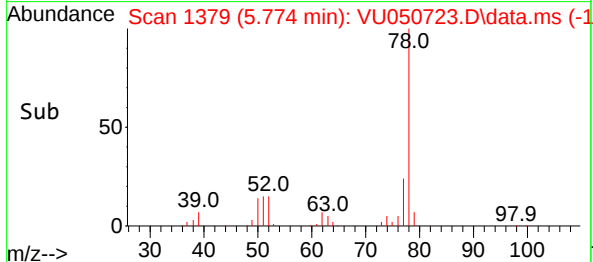
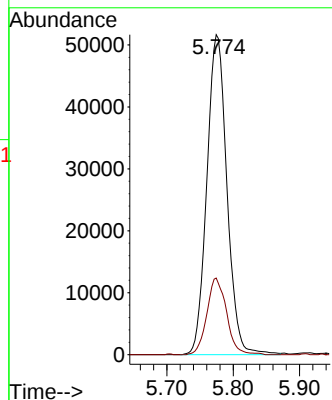
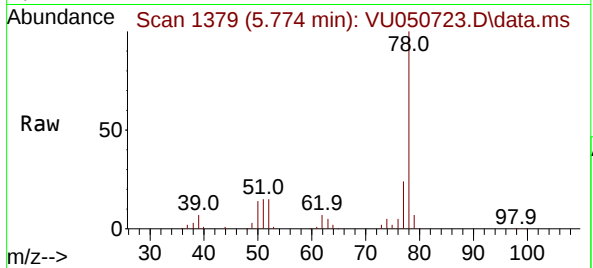
#35
Benzene
Concen: 1.778 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01

Tgt Ion: 78 Resp: 108732
Ion Ratio Lower Upper
78 100
77 23.9 18.6 28.0

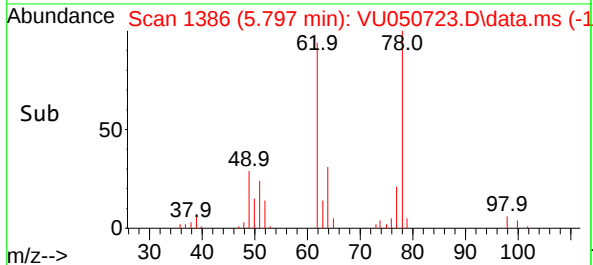
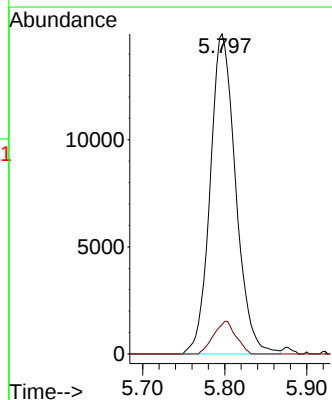
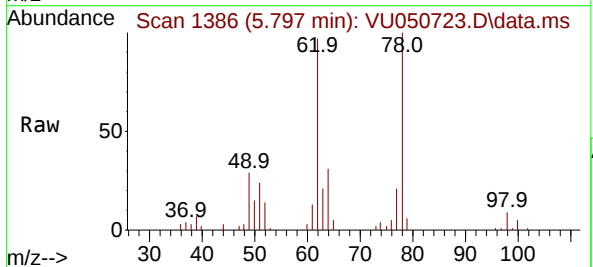
Manual Integrations
APPROVED

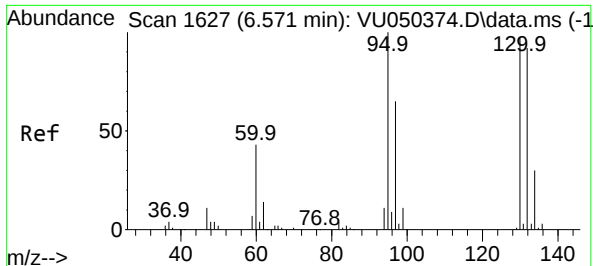
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#36
1,2-Dichloroethane
Concen: 1.730 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Tgt Ion: 62 Resp: 32302
Ion Ratio Lower Upper
62 100
98 8.9 7.4 11.0





#37

Trichloroethene

Concen: 1.791 ug/l

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU050723.D

Acq: 16 Sep 2022 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU0916WBS01

Tgt Ion:130 Resp: 26254

Ion Ratio Lower Upper

130 100

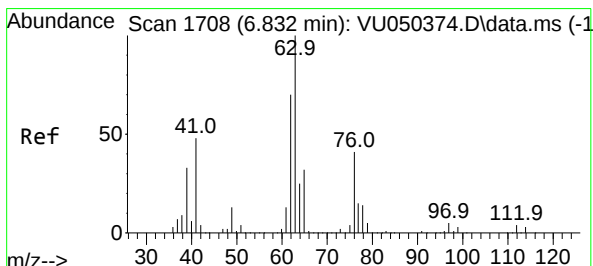
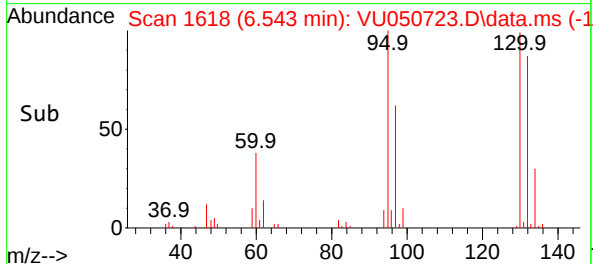
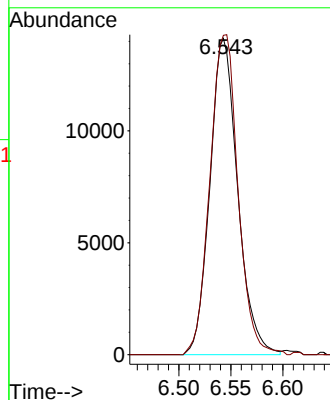
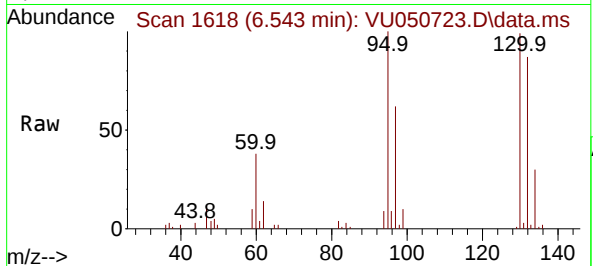
95 101.0 83.8 125.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#38

1,2-Dichloropropane

Concen: 1.826 ug/l

RT: 6.794 min Scan# 1696

Delta R.T. 0.000 min

Lab File: VU050723.D

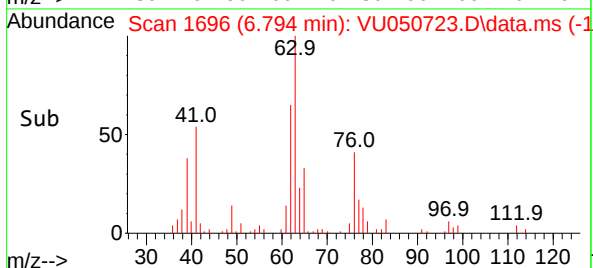
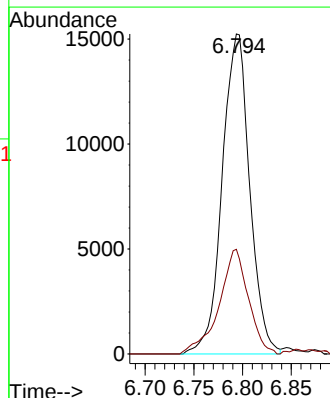
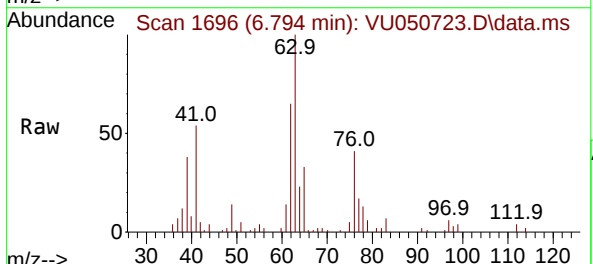
Acq: 16 Sep 2022 13:43

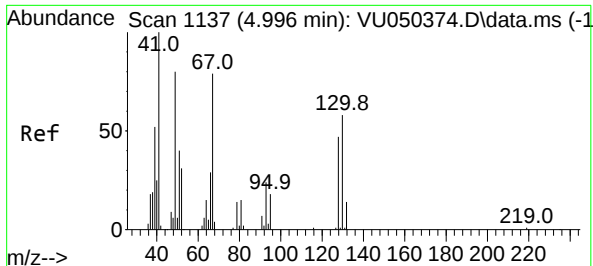
Tgt Ion: 63 Resp: 29967

Ion Ratio Lower Upper

63 100

65 32.7 25.0 37.4





#39

Methacrylonitrile

Concen: 1.231 ug/l

RT: 4.980 min Scan# 1137

Delta R.T. -0.003 min

Lab File: VU050723.D

Acq: 16 Sep 2022 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU0916WBS01

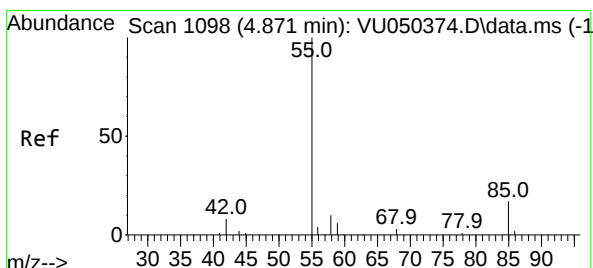
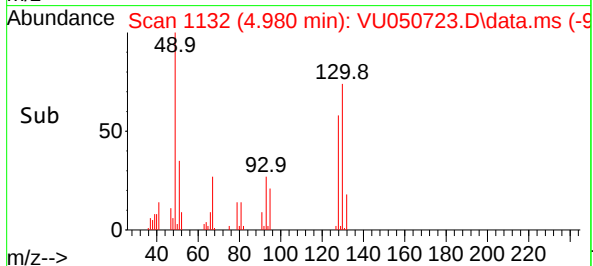
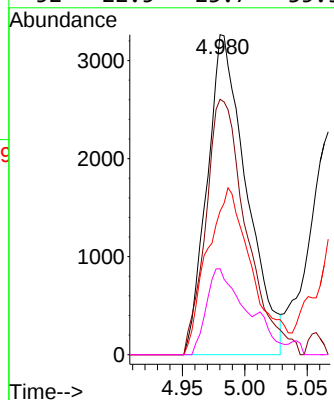
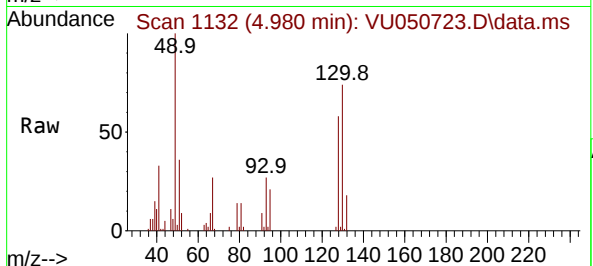
Tgt Ion	Ratio	Lower	Upper
41	100		
67	82.0	59.4	89.0
39	60.0	42.2	63.2
52	22.5	23.7	35.5#

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#40

Methyl acrylate

Concen: 1.297 ug/l m

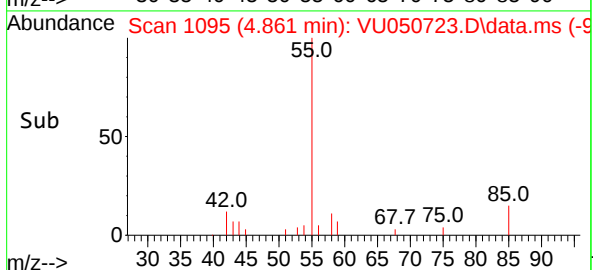
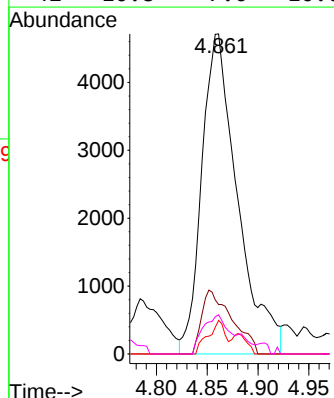
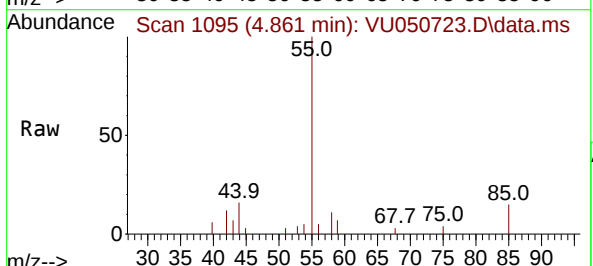
RT: 4.861 min Scan# 1095

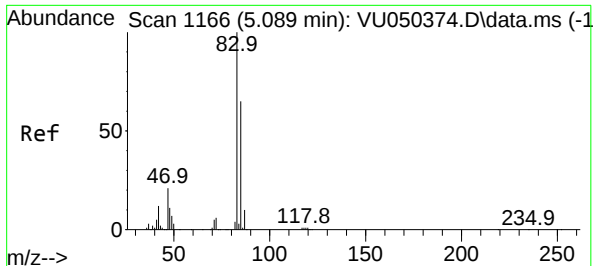
Delta R.T. 0.007 min

Lab File: VU050723.D

Acq: 16 Sep 2022 13:43

Tgt Ion	Ratio	Lower	Upper
55	100		
85	16.9	13.5	20.3
58	5.0	7.0	10.4#
42	10.8	7.0	10.6#





#41

Tetrahydrofuran

Concen: 2.671 ug/l

RT: 5.064 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU050723.D

Acq: 16 Sep 2022 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU0916WBS01

Tgt Ion: 42 Resp: 7800

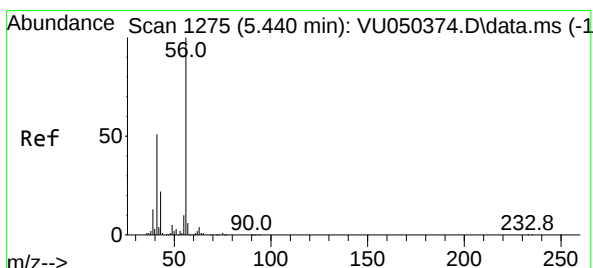
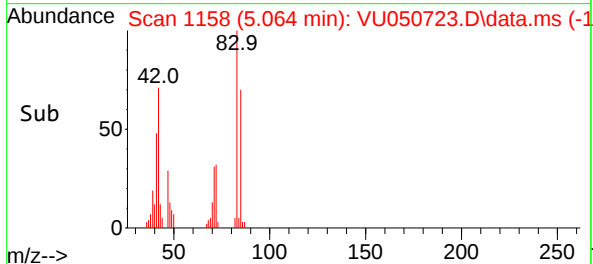
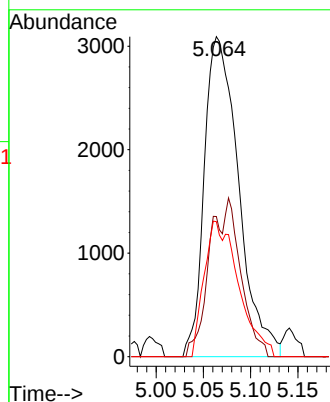
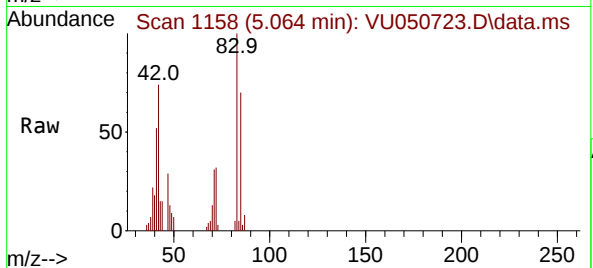
Ion	Ratio	Lower	Upper
42	100		
72	21.4	38.9	58.3
71	22.3	33.7	50.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#42

1-Chlorobutane

Concen: 1.479 ug/l

RT: 5.459 min Scan# 1281

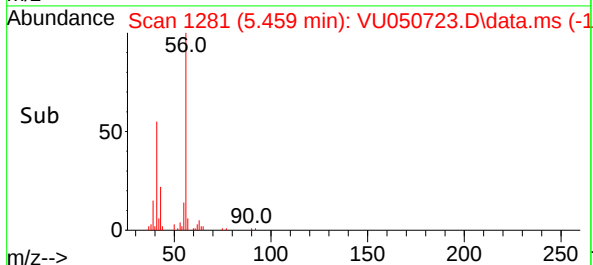
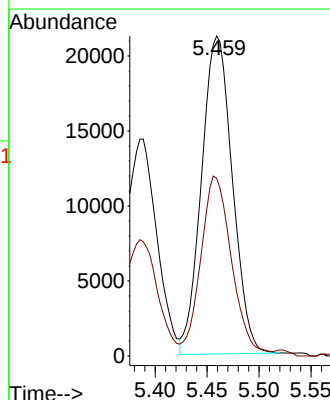
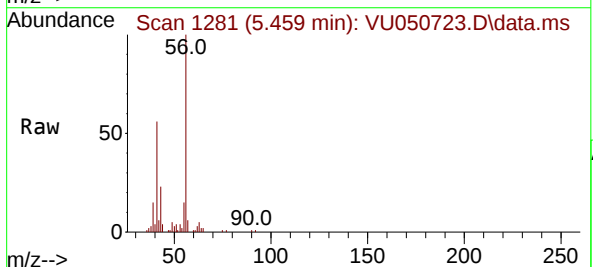
Delta R.T. 0.004 min

Lab File: VU050723.D

Acq: 16 Sep 2022 13:43

Tgt Ion: 56 Resp: 43820

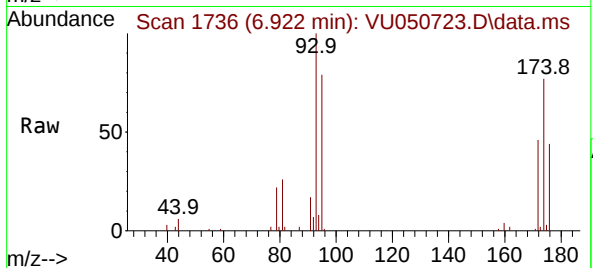
Ion	Ratio	Lower	Upper
56	100		
41	56.6	26.4	79.2





#43
Dibromomethane
Concen: 1.780 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.004 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

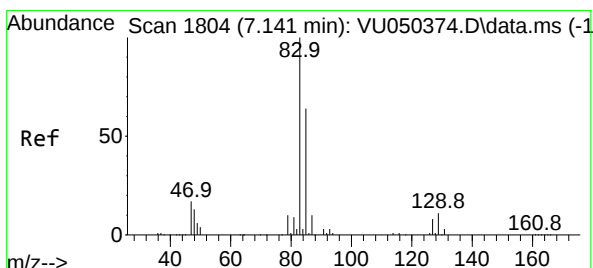
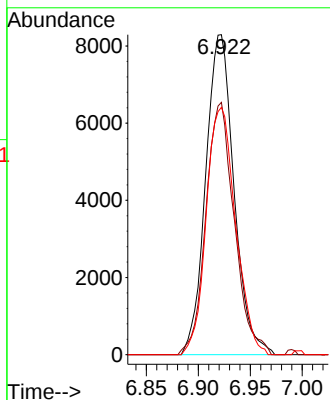
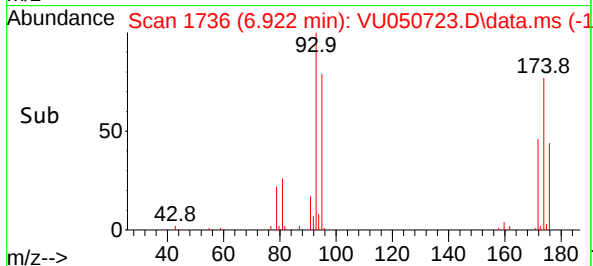
Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01



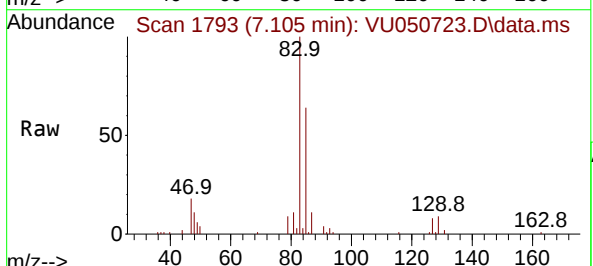
Tgt Ion: 93 Resp: 15744
Ion Ratio Lower Upper
93 100
95 79.2 65.0 97.6
174 80.0 76.3 114.5

Manual Integrations
APPROVED

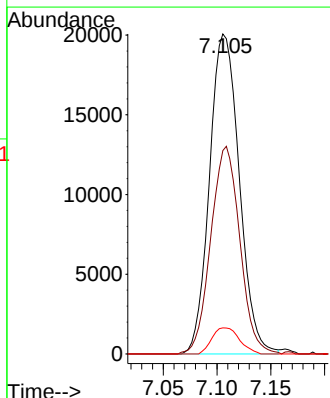
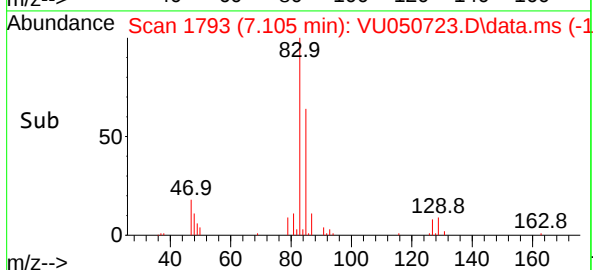
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022

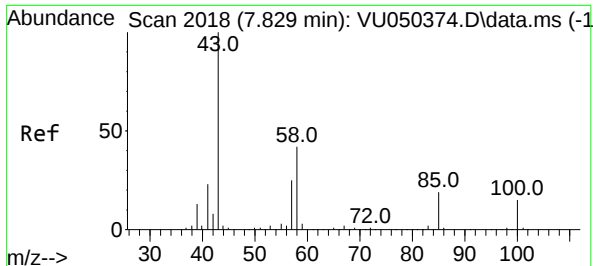


#44
Bromodichloromethane
Concen: 1.852 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43



Tgt Ion: 83 Resp: 38663
Ion Ratio Lower Upper
83 100
85 63.5 49.4 74.0
127 8.1 6.6 10.0





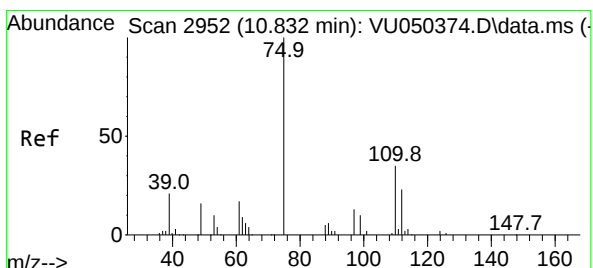
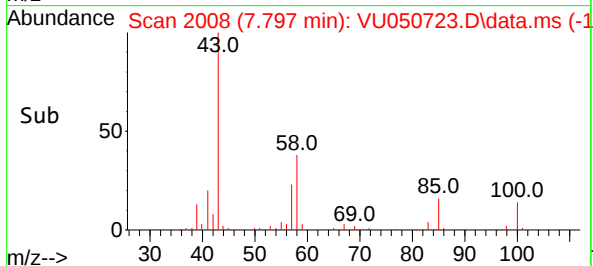
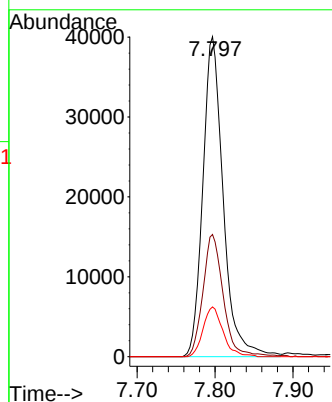
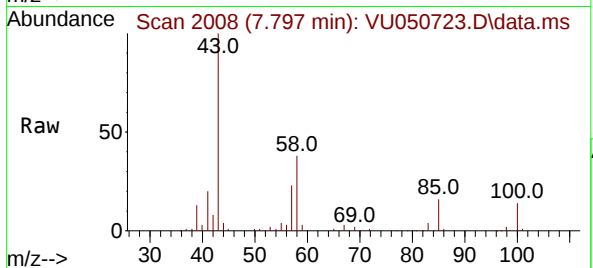
#45
4-Methyl-2-Pentanone
Concen: 8.193 ug/l
RT: 7.797 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01

Tgt Ion: 43 Resp: 72759
Ion Ratio Lower Upper
43 100
58 38.0 20.3 61.0
85 15.2 14.6 21.8

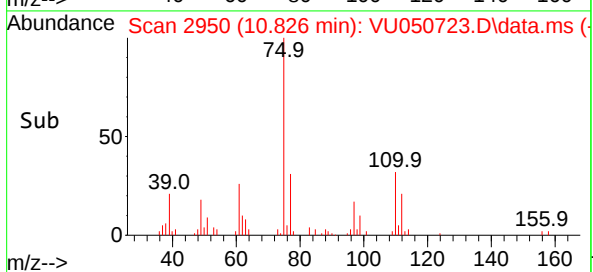
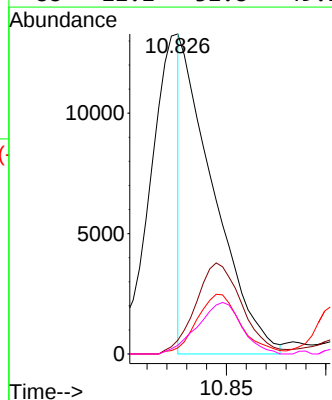
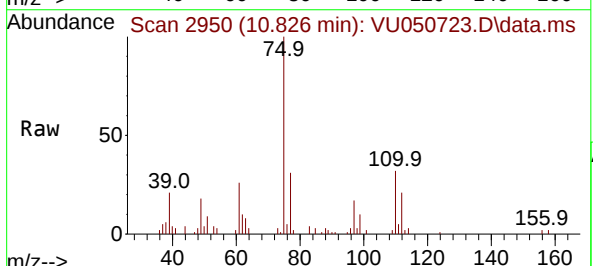
Manual Integrations
APPROVED

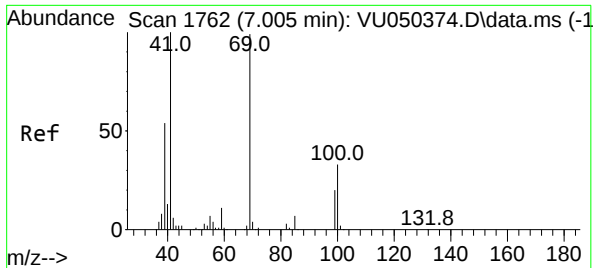
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#46
t-1,4-Dichloro-2-butene
Concen: 3.270 ug/l m
RT: 10.826 min Scan# 2950
Delta R.T. -0.006 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Tgt Ion: 75 Resp: 14954
Ion Ratio Lower Upper
75 100
53 41.1 64.4 96.6#
89 25.6 44.2 66.2#
88 22.2 32.8 49.2#





#47

Methyl methacrylate

Concen: 3.428 ug/l

RT: 6.967 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU050723.D

Acq: 16 Sep 2022 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU0916WBS01

Tgt Ion: 69 Resp: 2108

Ion Ratio Lower Upper

69 100

41 102.0 0.0 225.4

39 53.3 45.8 68.8

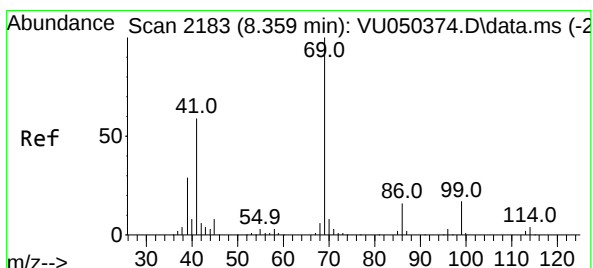
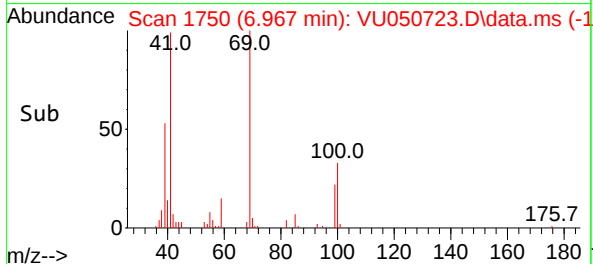
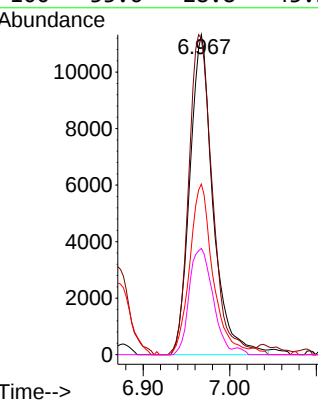
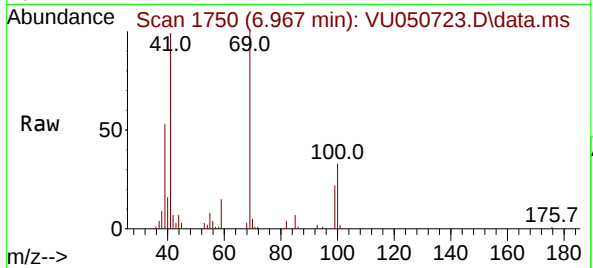
100 33.6 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#48

Ethyl methacrylate

Concen: 1.714 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.000 min

Lab File: VU050723.D

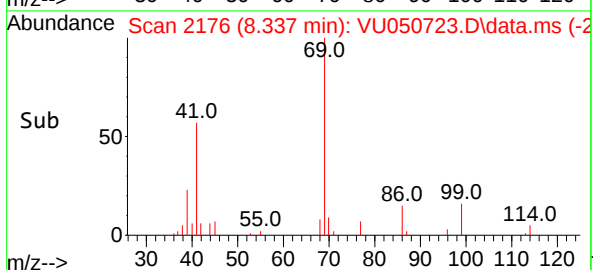
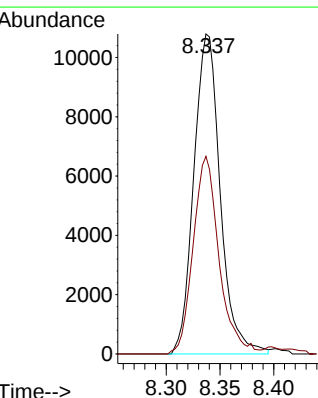
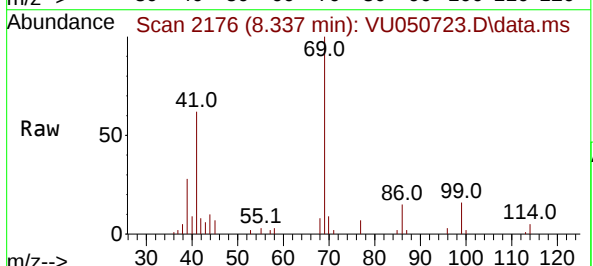
Acq: 16 Sep 2022 13:43

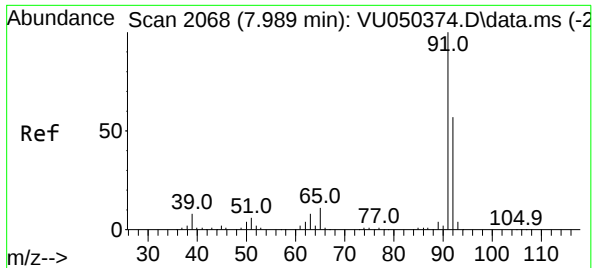
Tgt Ion: 69 Resp: 18444

Ion Ratio Lower Upper

69 100

41 60.5 32.3 96.9





#49

Toluene

Concen: 1.733 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050723.D

Acq: 16 Sep 2022 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU0916WBS01

Tgt Ion: 92 Resp: 5694

Ion Ratio Lower Upper

92 100

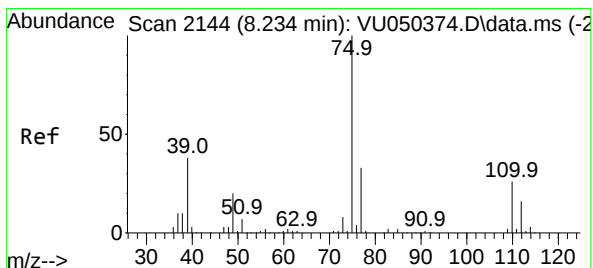
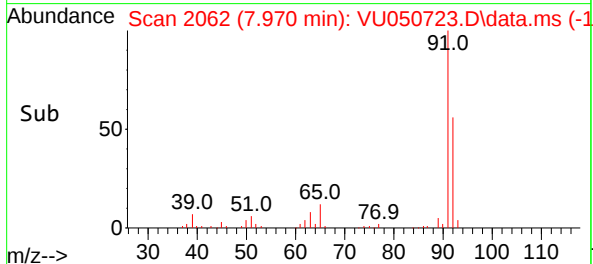
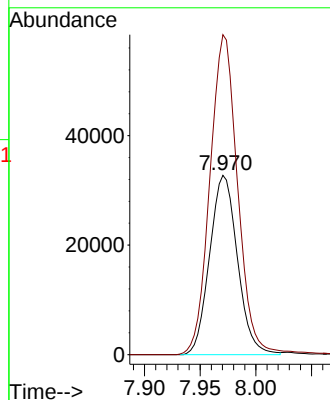
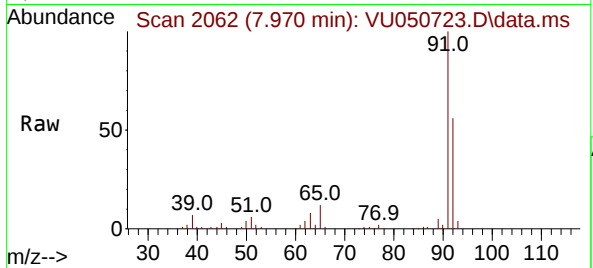
91 178.9 138.6 207.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#50

t-1,3-Dichloropropene

Concen: 1.671 ug/l

RT: 8.215 min Scan# 2138

Delta R.T. 0.004 min

Lab File: VU050723.D

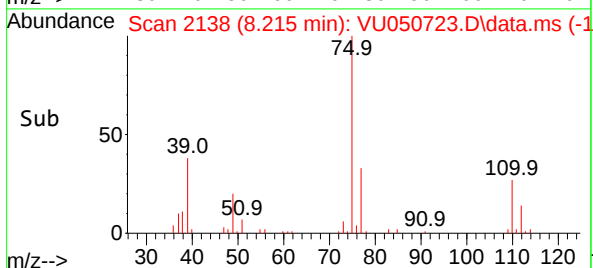
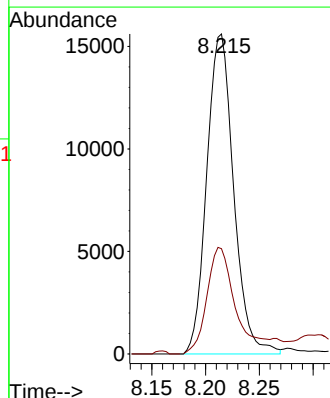
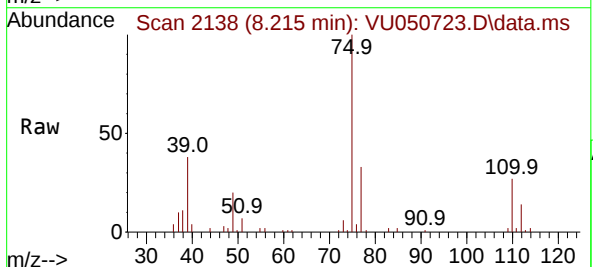
Acq: 16 Sep 2022 13:43

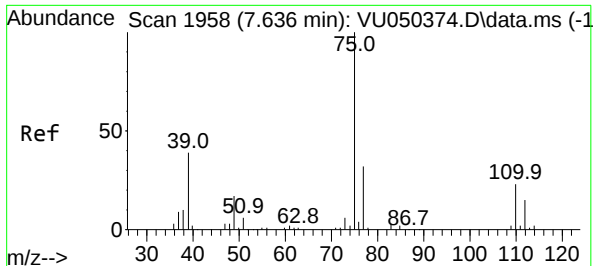
Tgt Ion: 75 Resp: 27163

Ion Ratio Lower Upper

75 100

77 32.9 24.7 37.1





#51

cis-1,3-Dichloropropene

Concen: 1.774 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU050723.D

Acq: 16 Sep 2022 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU0916WBS01

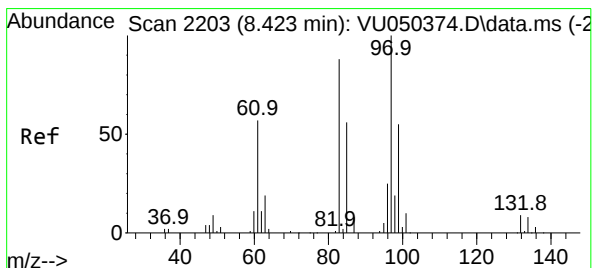
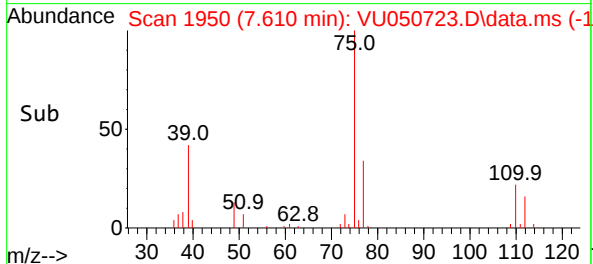
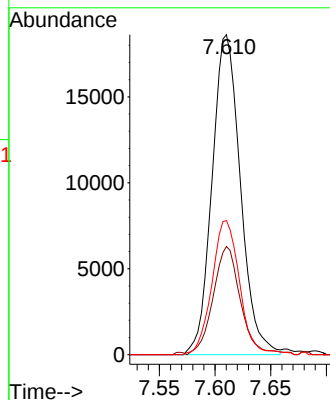
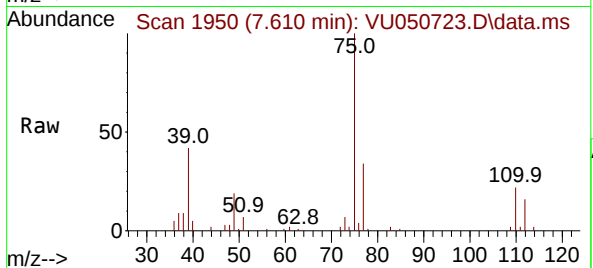
Tgt Ion:	75	Resp:	33004
Ion Ratio	Lower	Upper	
75	100		
77	33.0	25.4	38.0
39	41.9	35.1	52.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#52

1,1,2-Trichloroethane

Concen: 1.713 ug/l

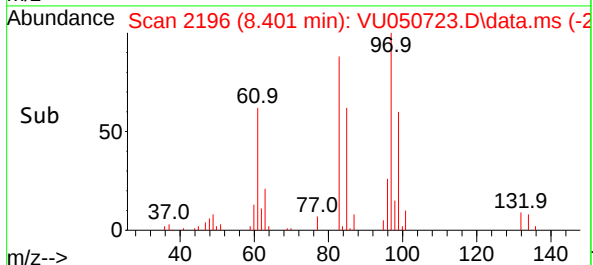
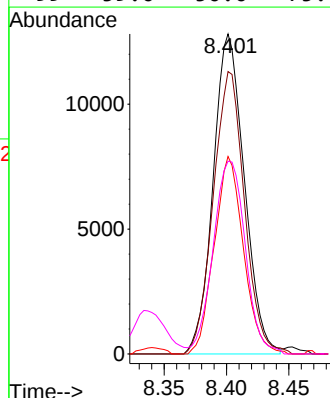
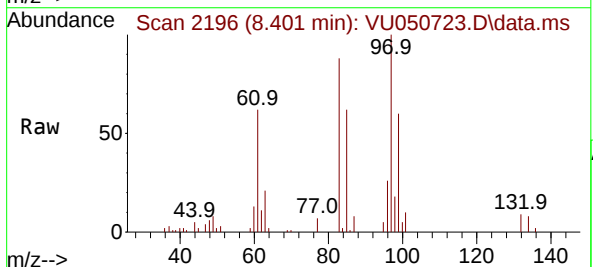
RT: 8.401 min Scan# 2196

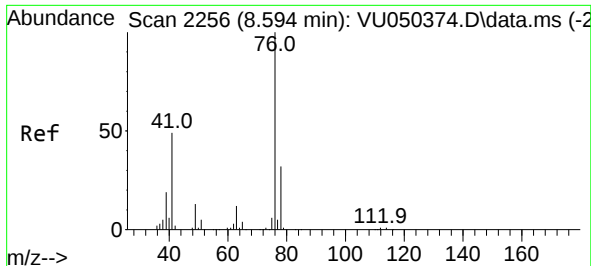
Delta R.T. 0.000 min

Lab File: VU050723.D

Acq: 16 Sep 2022 13:43

Tgt Ion:	97	Resp:	22270
Ion Ratio	Lower	Upper	
97	100		
83	88.2	70.6	106.0
85	61.7	46.2	69.4
99	59.0	50.0	75.0





#53

1,3-Dichloropropane

Concen: 1.760 ug/l

RT: 8.578 min Scan# 2251

Delta R.T. 0.000 min

Lab File: VU050723.D

Acq: 16 Sep 2022 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU0916WBS01

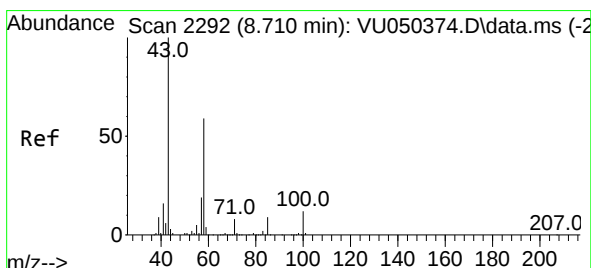
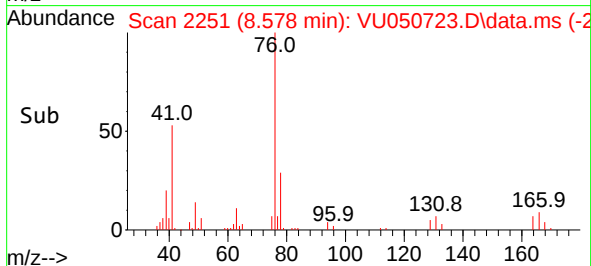
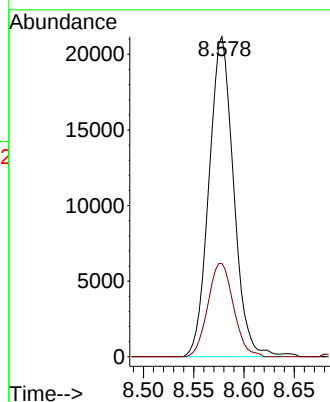
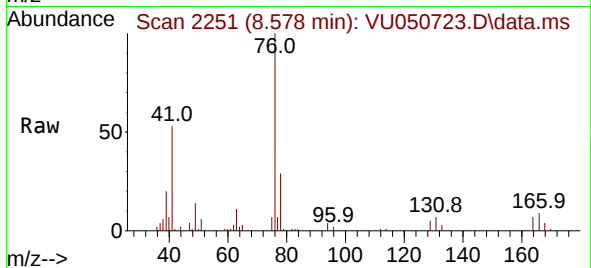
Tgt Ion: 76 Resp: 36030
 Ion Ratio Lower Upper
 76 100
 78 30.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#54

2-Hexanone

Concen: 7.668 ug/l

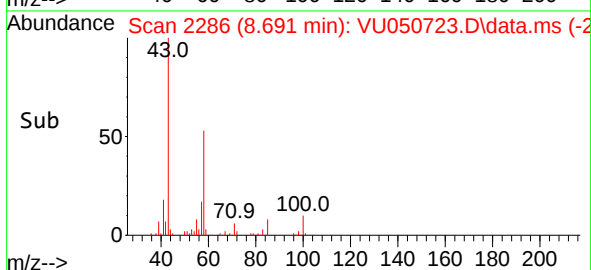
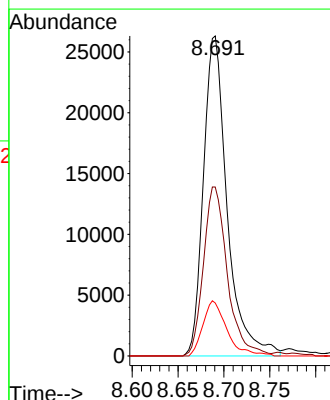
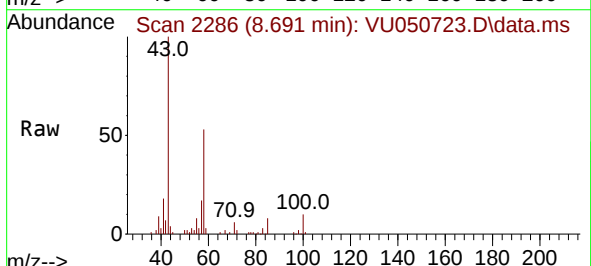
RT: 8.691 min Scan# 2286

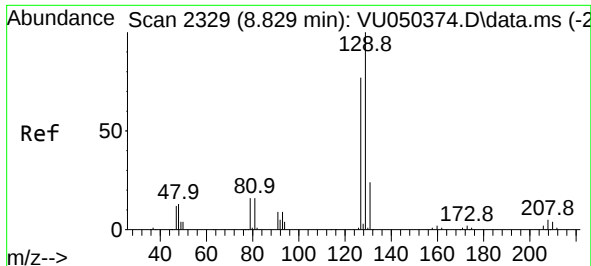
Delta R.T. 0.000 min

Lab File: VU050723.D

Acq: 16 Sep 2022 13:43

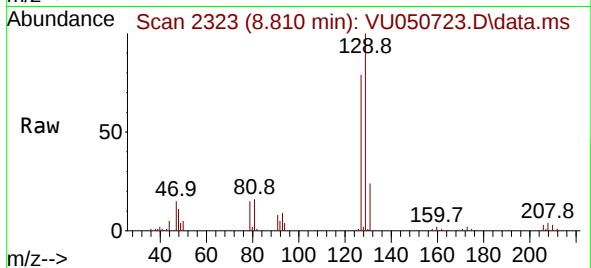
Tgt Ion: 43 Resp: 47421
 Ion Ratio Lower Upper
 43 100
 58 53.2 37.1 77.1
 57 17.4 0.0 39.5





#55
Dibromochloromethane
Concen: 1.659 ug/l
RT: 8.810 min Scan# 2372
Delta R.T. -0.003 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

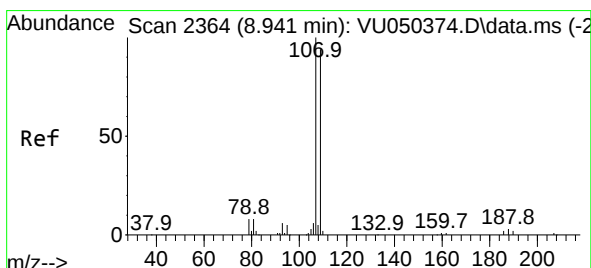
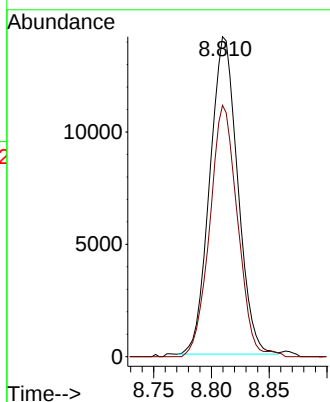
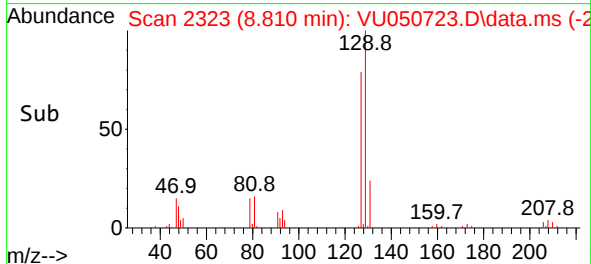
Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01



Tgt Ion:129 Resp: 23720
Ion Ratio Lower Upper
129 100
127 78.8 61.2 91.8

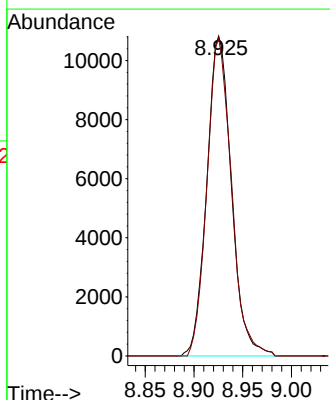
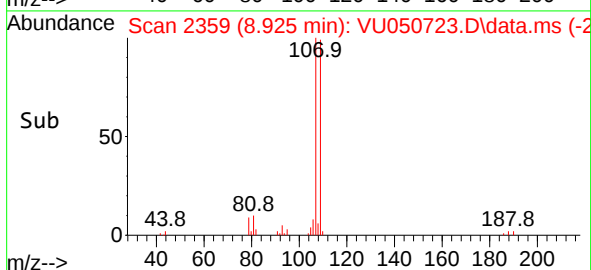
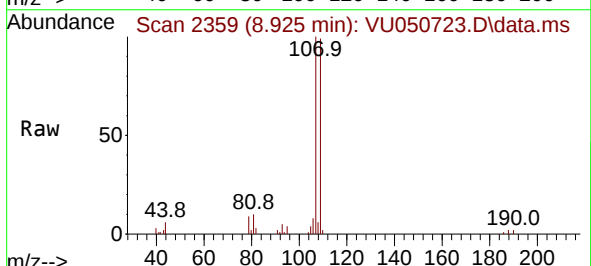
Manual Integrations
APPROVED

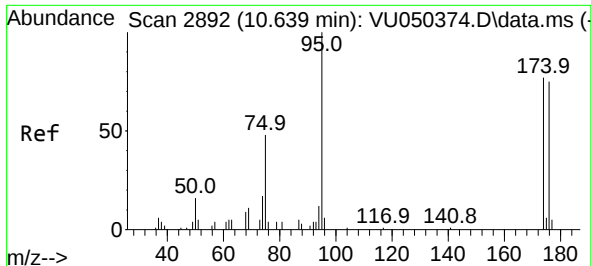
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#56
1,2-Dibromoethane
Concen: 1.632 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

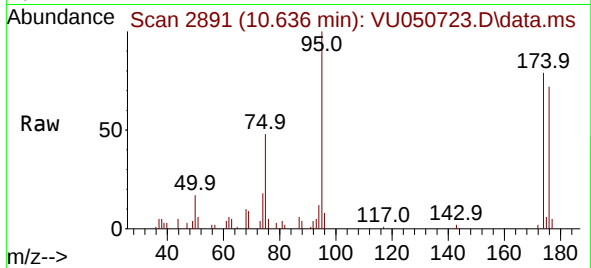
Tgt Ion:107 Resp: 19056
Ion Ratio Lower Upper
107 100
109 98.4 0.0 187.2





#57
4-Bromofluorobenzene
Concen: 0.952 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.004 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

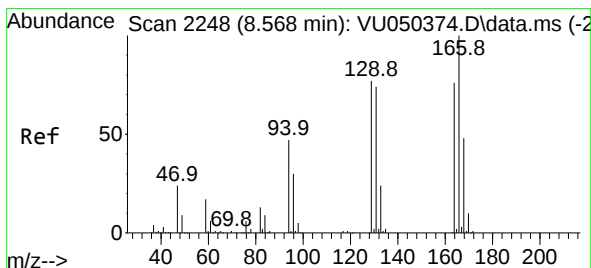
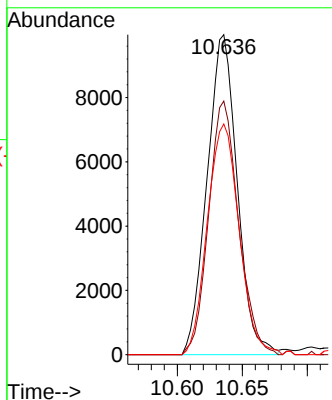
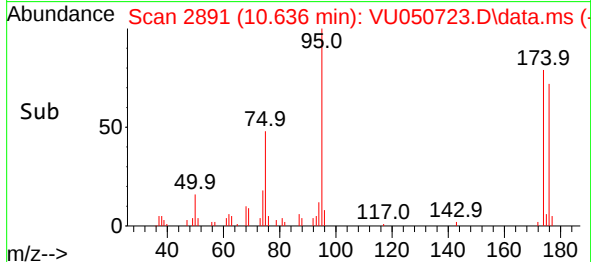
Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01



Tgt Ion: 95 Resp: 16049
Ion Ratio Lower Upper
95 100
174 78.4 62.4 93.6
176 75.9 56.2 84.2

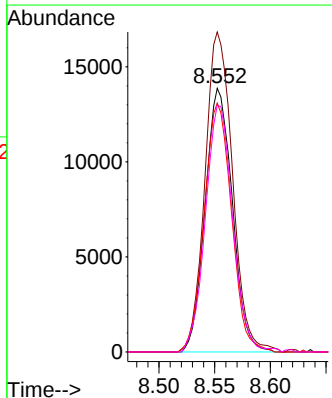
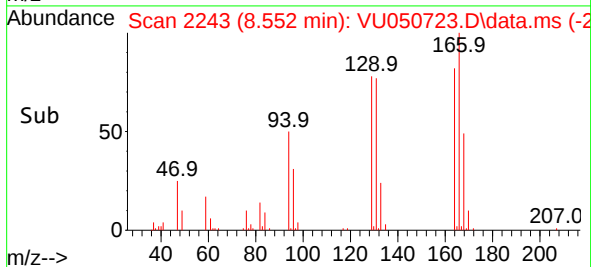
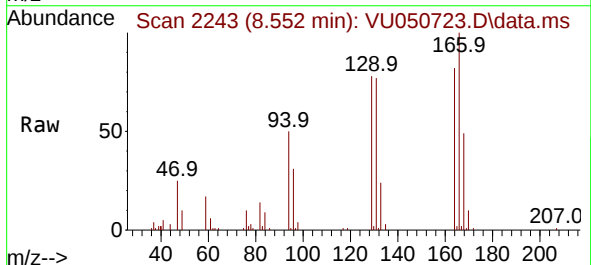
Manual Integrations
APPROVED

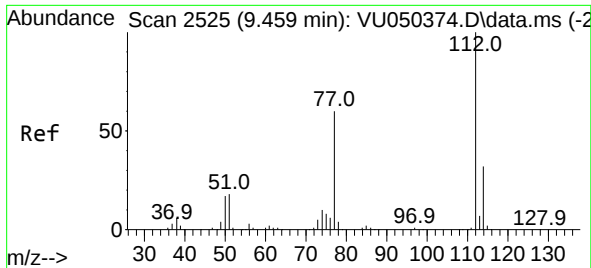
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#58
Tetrachloroethene
Concen: 1.709 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Tgt Ion:164 Resp: 23569
Ion Ratio Lower Upper
164 100
166 121.4 102.4 153.6
129 94.4 79.5 119.3
131 93.6 77.4 116.2





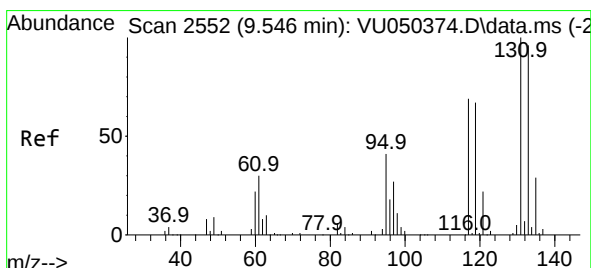
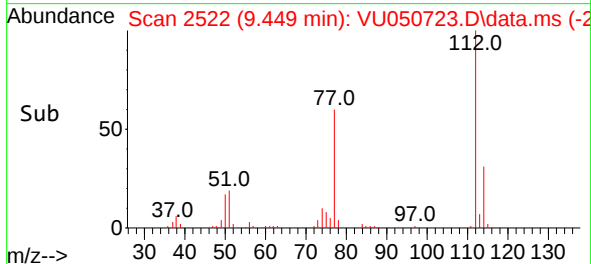
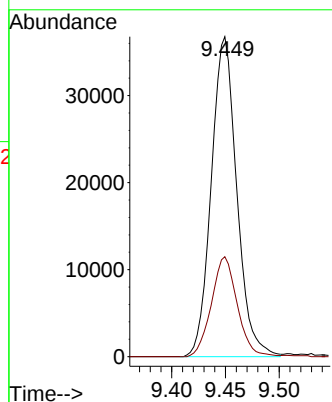
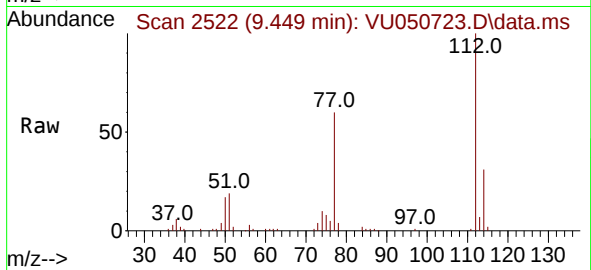
#59
Chlorobenzene
Concen: 1.712 ug/l
RT: 9.449 min Scan# 2548
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01

Tgt Ion:112 Resp: 6067
Ion Ratio Lower Upper
112 100
114 31.3 24.9 37.3

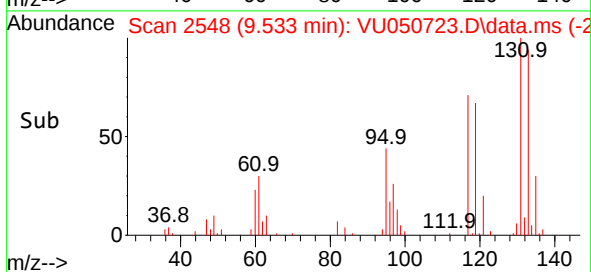
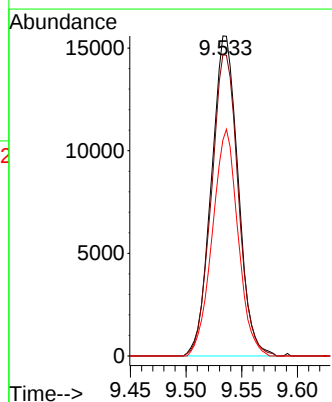
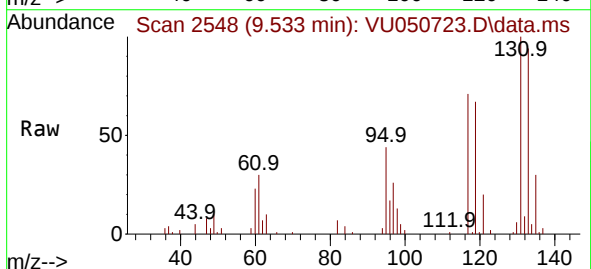
Manual Integrations
APPROVED

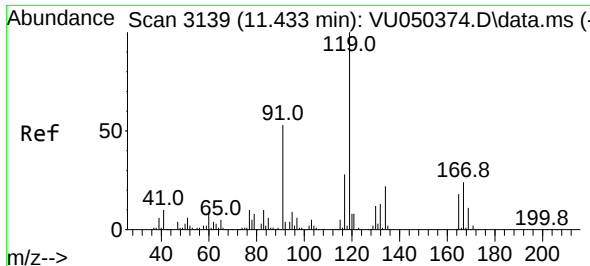
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#60
1,1,1,2-Tetrachloroethane
Concen: 1.746 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. -0.003 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Tgt Ion:131 Resp: 26010
Ion Ratio Lower Upper
131 100
133 94.7 78.3 117.5
119 68.1 53.2 79.8





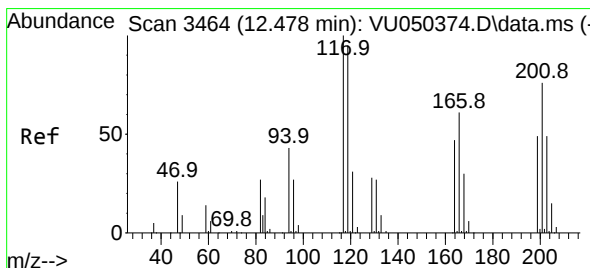
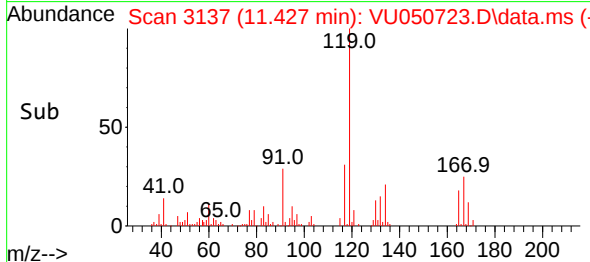
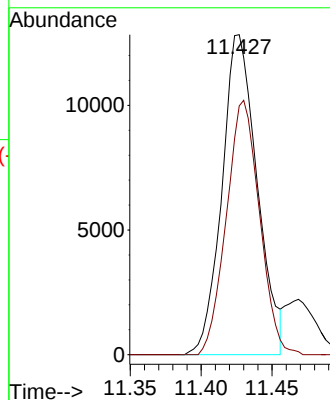
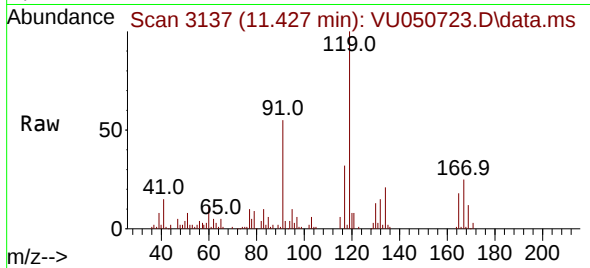
#61
Pentachloroethane
Concen: 1.792 ug/l
RT: 11.427 min Scan# 3139
Delta R.T. -0.003 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01

Tgt Ion:117 Resp: 22210
Ion Ratio Lower Upper
117 100
167 74.8 66.2 99.4

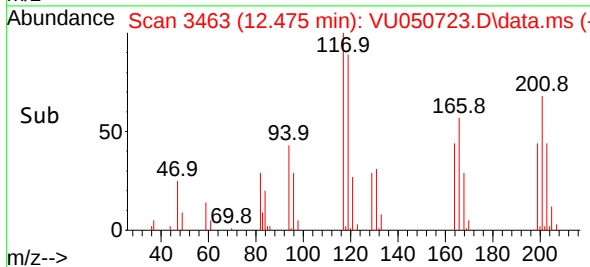
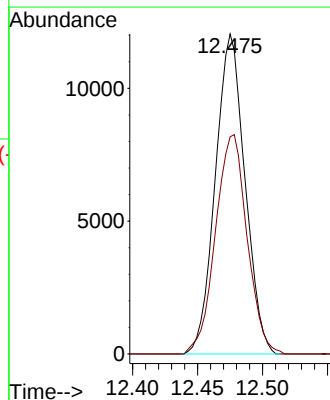
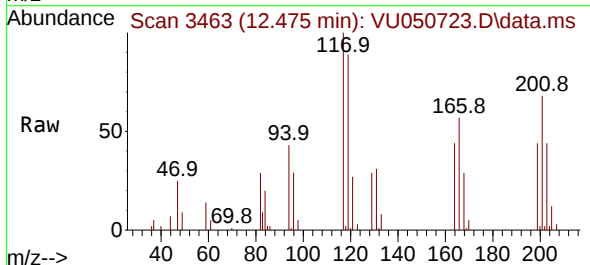
Manual Integrations
APPROVED

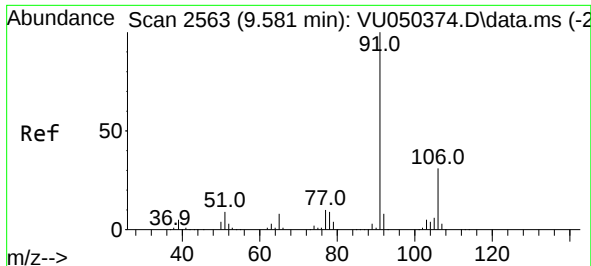
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#62
Hexachloroethane
Concen: 1.847 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Tgt Ion:117 Resp: 19056
Ion Ratio Lower Upper
117 100
201 73.3 61.0 91.4





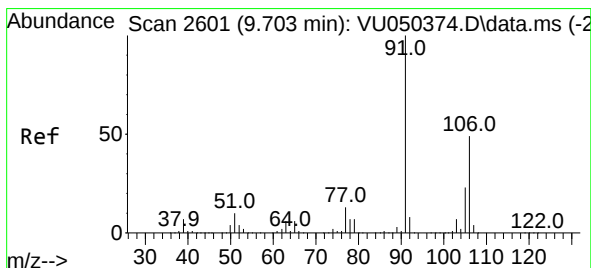
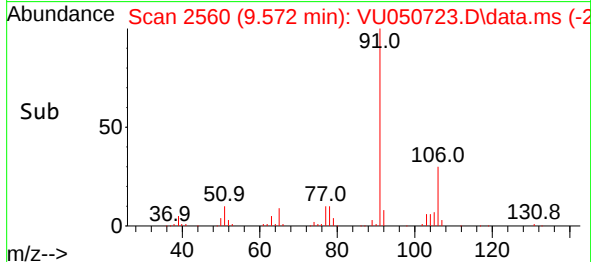
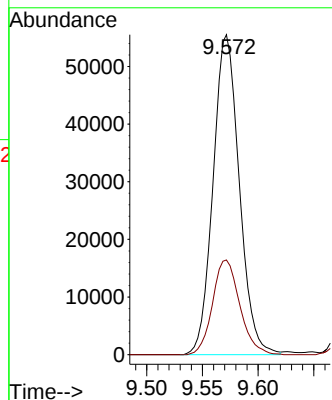
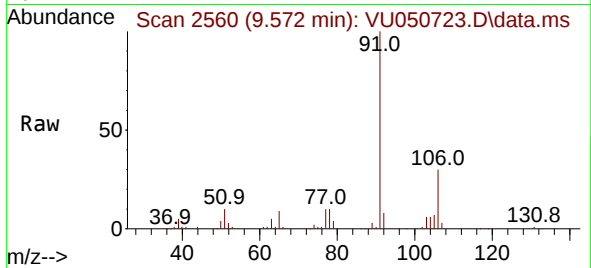
#63
Ethyl Benzene
Concen: 1.765 ug/l
RT: 9.572 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01

Tgt Ion: 91 Resp: 90870
Ion Ratio Lower Upper
91 100
106 29.6 24.4 36.6

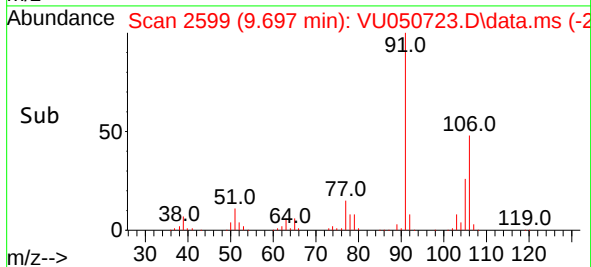
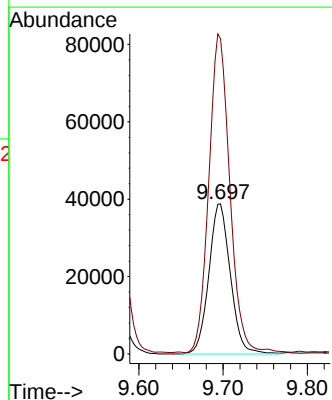
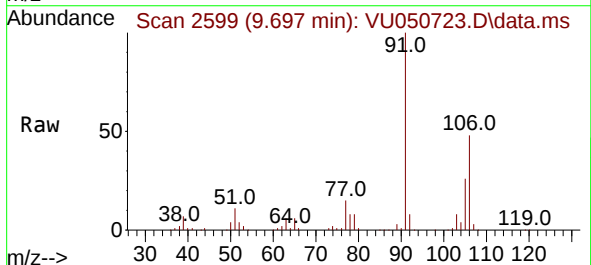
Manual Integrations
APPROVED

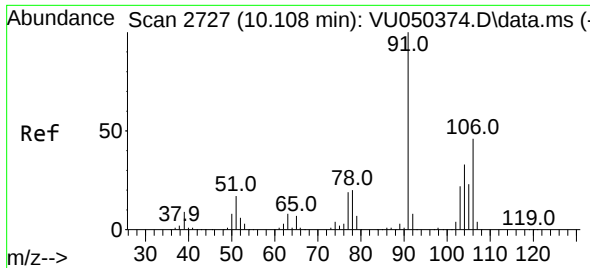
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#64
m/p-Xylenes
Concen: 3.369 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.004 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Tgt Ion:106 Resp: 68790
Ion Ratio Lower Upper
106 100
91 205.5 167.8 251.6





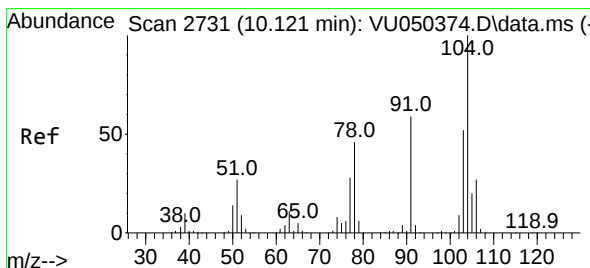
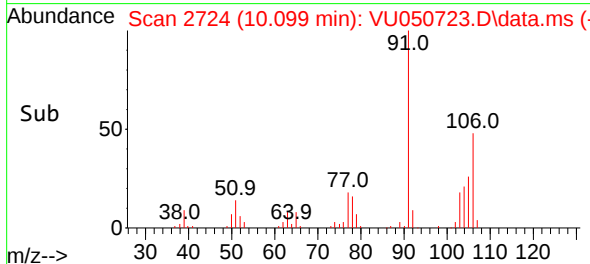
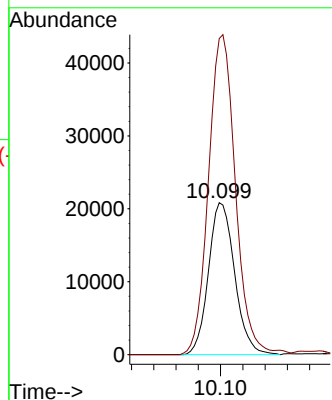
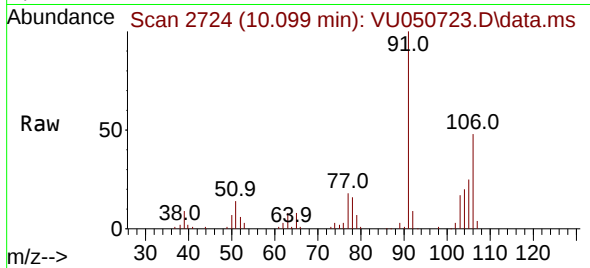
#65
o-Xylene
Concen: 1.729 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01

Tgt Ion:106 Resp: 34029
Ion Ratio Lower Upper
106 100
91 217.0 111.1 333.2

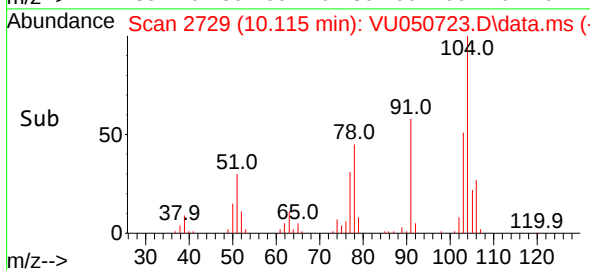
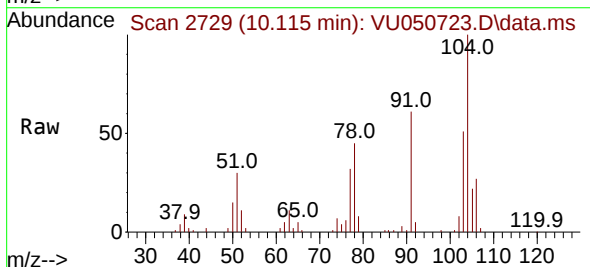
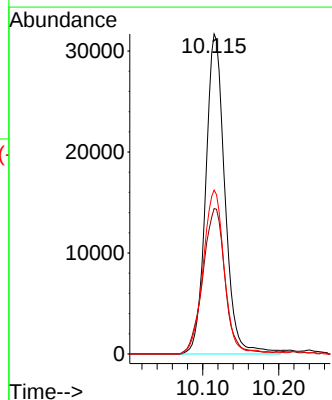
Manual Integrations
APPROVED

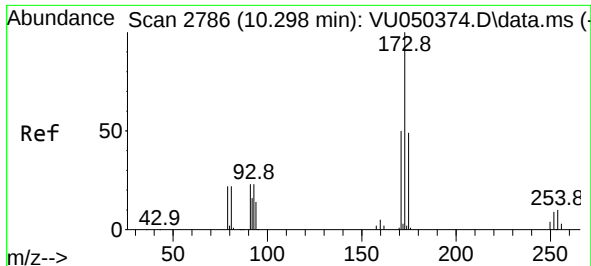
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#66
Styrene
Concen: 1.706 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Tgt Ion:104 Resp: 55559
Ion Ratio Lower Upper
104 100
78 52.6 42.1 63.1
103 55.4 44.5 66.7





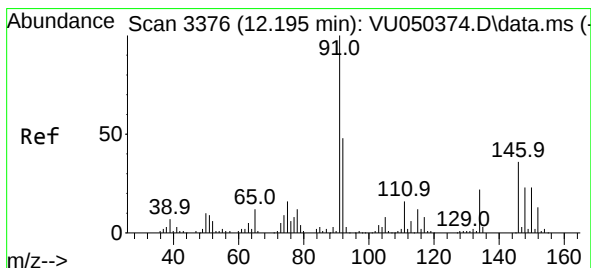
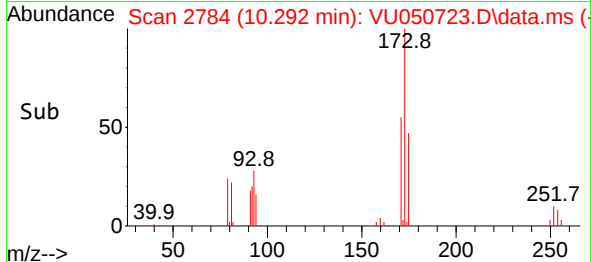
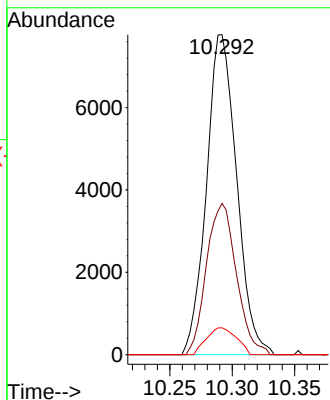
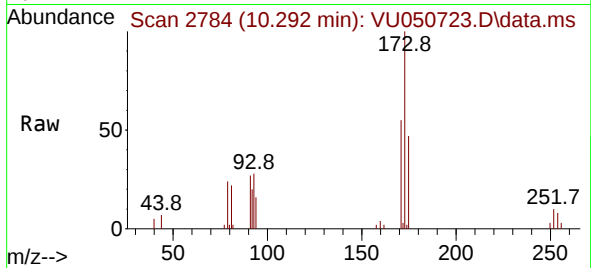
#67
Bromoform
Concen: 1.613 ug/l
RT: 10.292 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01

Tgt Ion:173 Resp: 13100
Ion Ratio Lower Upper
173 100
175 46.9 38.4 57.6
254 8.3 7.7 11.5

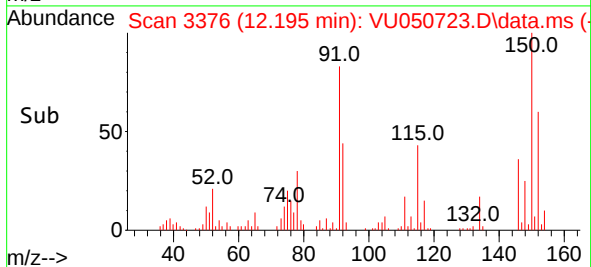
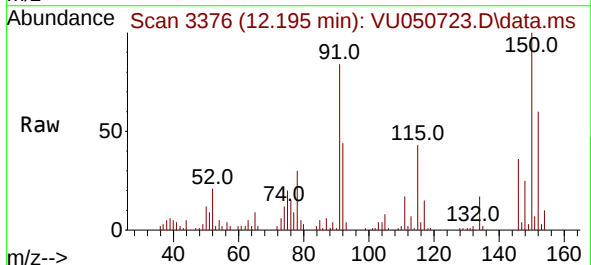
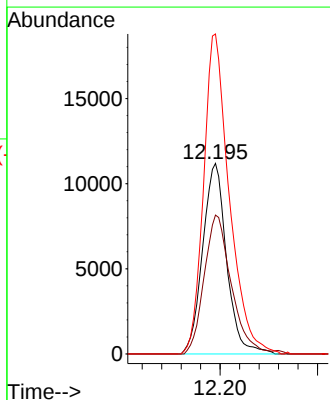
Manual Integrations
APPROVED

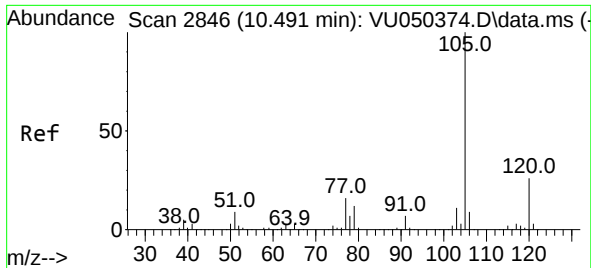
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#68
1,2-Dichlorobenzene-d4
Concen: 0.957 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Tgt Ion:152 Resp: 19086
Ion Ratio Lower Upper
152 100
115 82.4 0.0 254.6
150 180.3 0.0 623.6





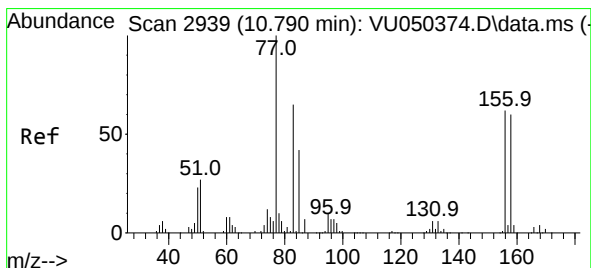
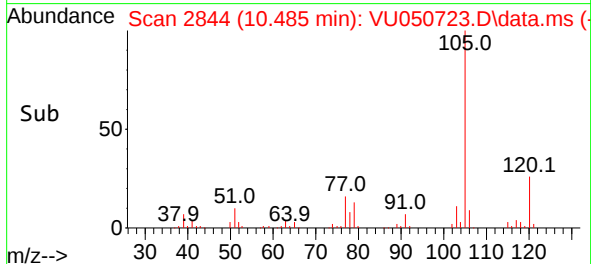
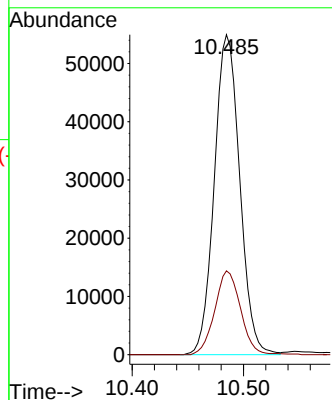
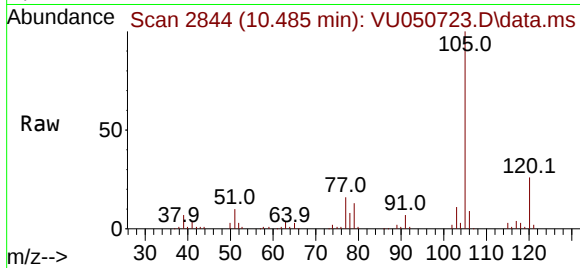
#69
Isopropylbenzene
Concen: 1.744 ug/l
RT: 10.485 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01

Tgt Ion:105 Resp: 87259
Ion Ratio Lower Upper
105 100
120 26.5 12.6 37.8

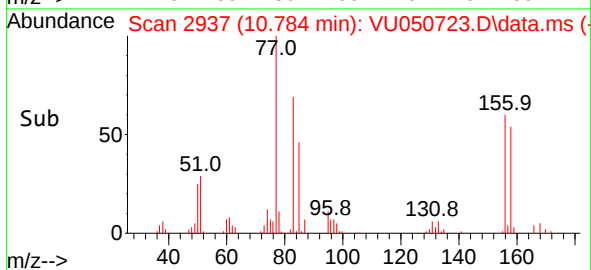
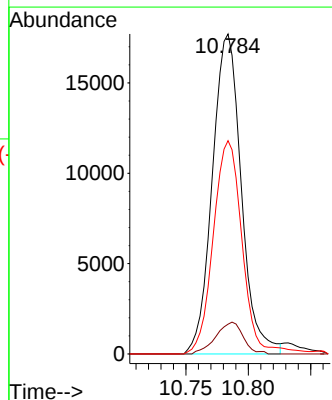
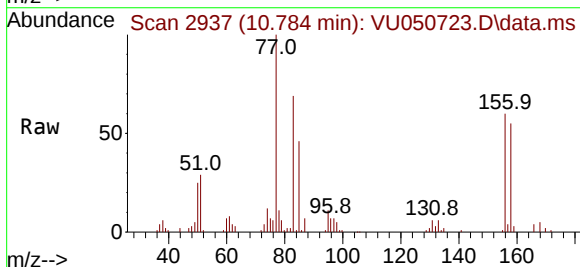
Manual Integrations
APPROVED

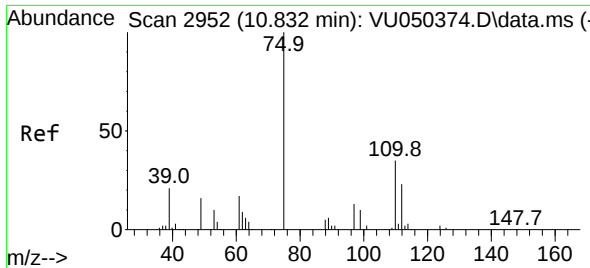
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 1.600 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

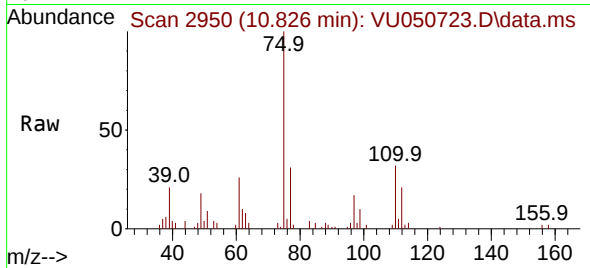
Tgt Ion: 83 Resp: 28627
Ion Ratio Lower Upper
83 100
131 9.4 7.7 11.5
85 66.6 51.2 76.8





#71
1,2,3-Trichloropropane
Concen: 1.601 ug/l m
RT: 10.826 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

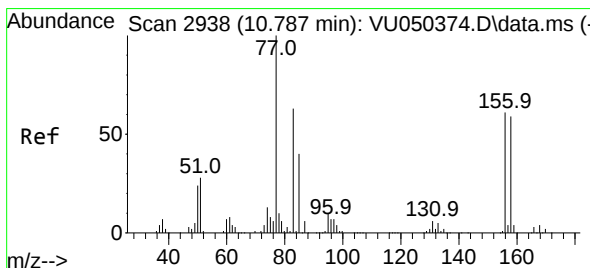
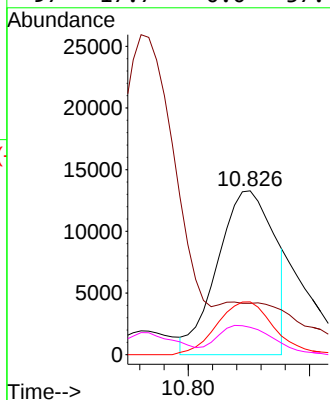
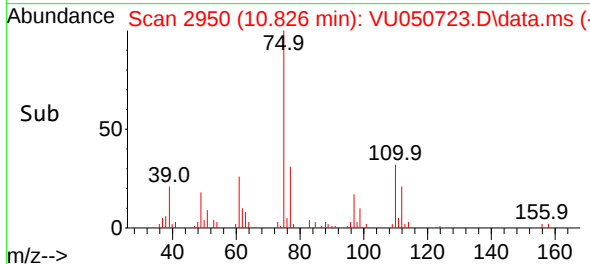
Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01



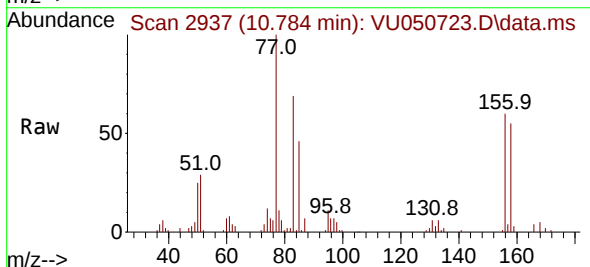
Tgt Ion: 75 Resp: 21550
Ion Ratio Lower Upper
75 100
77 0.0 0.0 112.4
110 32.6 0.0 70.6
97 17.7 0.0 37.4

Manual Integrations
APPROVED

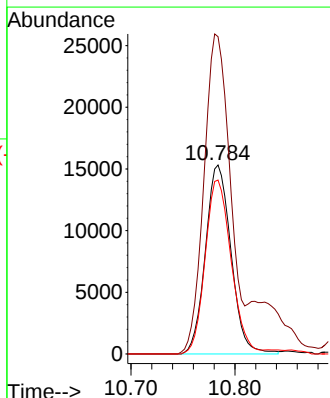
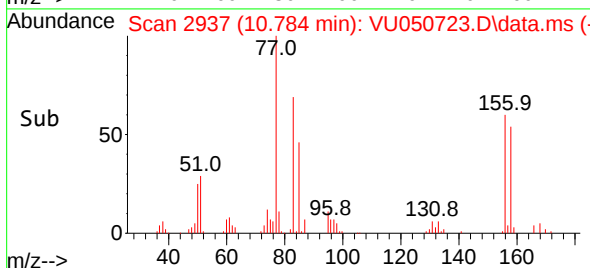
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022

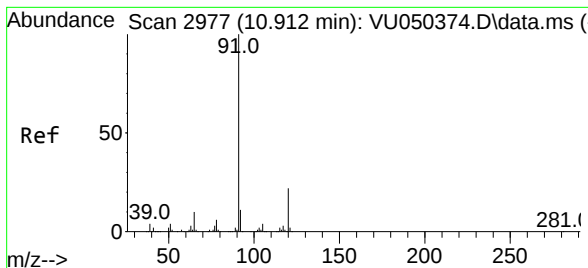


#72
Bromobenzene
Concen: 1.715 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43



Tgt Ion:156 Resp: 26251
Ion Ratio Lower Upper
156 100
77 172.1 0.0 344.4
158 93.4 0.0 192.2





#73

n-propylbenzene

Concen: 1.658 ug/l

RT: 10.906 min Scan# 2975

Delta R.T. 0.000 min

Lab File: VU050723.D

Acq: 16 Sep 2022 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU0916WBS01

Tgt Ion:120 Resp: 2217

Ion Ratio Lower Upper

120 100

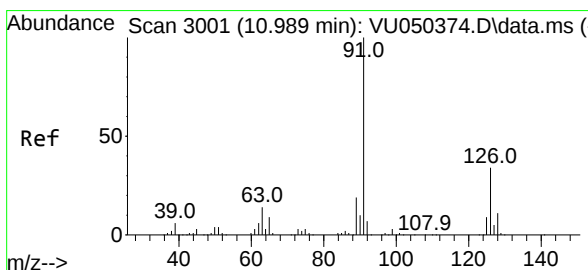
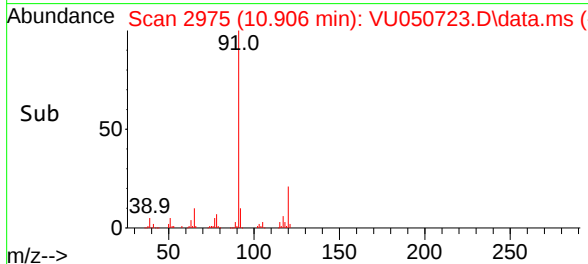
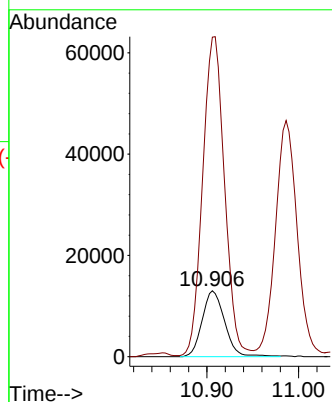
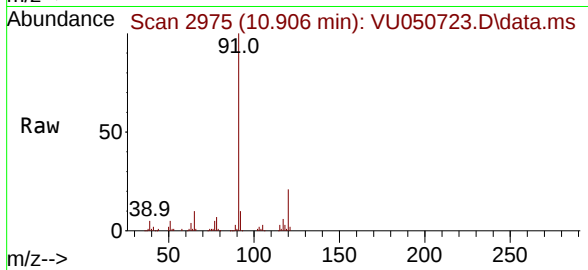
91 469.7 367.8 551.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#74

2-Chlorotoluene

Concen: 1.695 ug/l

RT: 10.986 min Scan# 3000

Delta R.T. 0.000 min

Lab File: VU050723.D

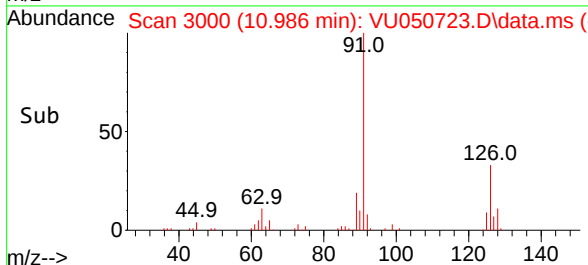
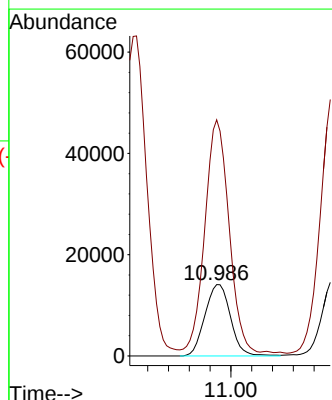
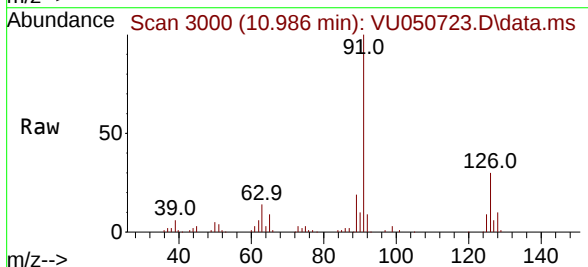
Acq: 16 Sep 2022 13:43

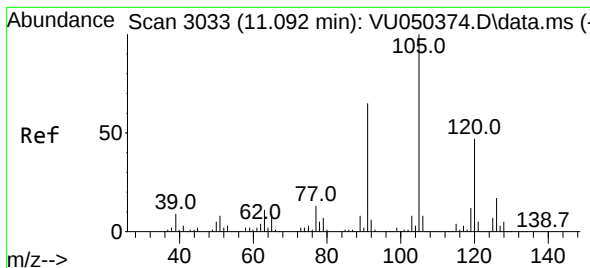
Tgt Ion:126 Resp: 24066

Ion Ratio Lower Upper

126 100

91 307.9 0.0 620.6





#75

1,3,5-Trimethylbenzene

Concen: 1.651 ug/l

RT: 11.089 min Scan# 3033

Delta R.T. 0.000 min

Lab File: VU050723.D

Acq: 16 Sep 2022 13:43

Instrument :

MSVOA_U

ClientSampleId :

VU0916WBS01

Tgt Ion:105 Resp: 7456

Ion Ratio Lower Upper

105 100

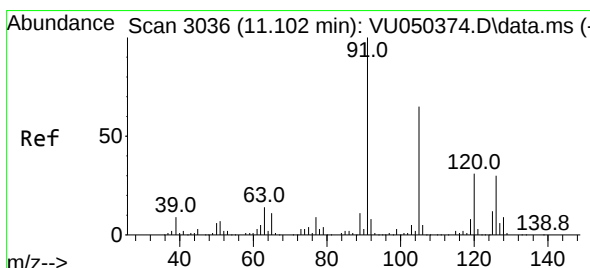
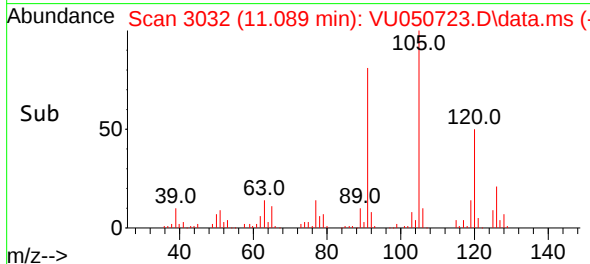
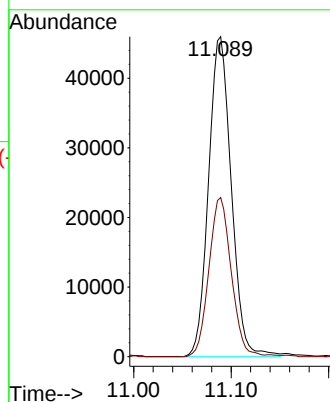
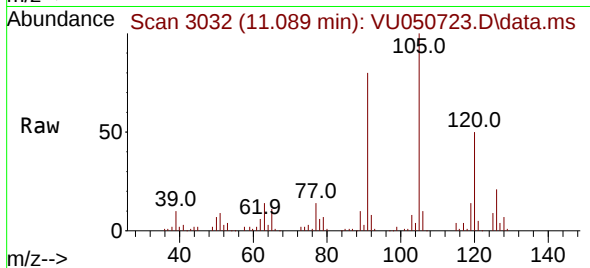
120 48.8 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/19/2022

Supervised By :Mahesh Dadoda 09/21/2022



#76

4-Chlorotoluene

Concen: 1.619 ug/l

RT: 11.099 min Scan# 3035

Delta R.T. 0.000 min

Lab File: VU050723.D

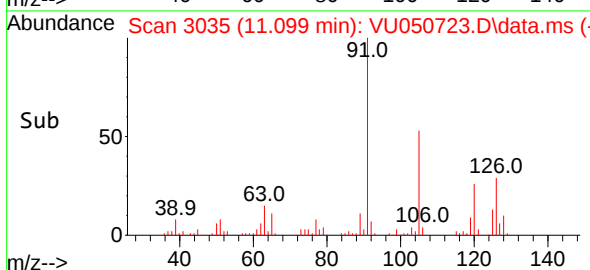
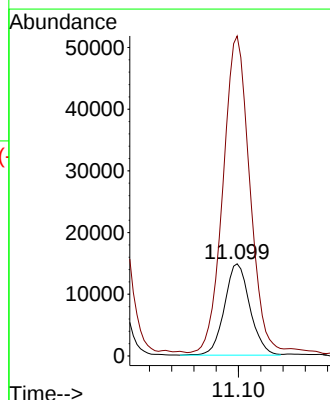
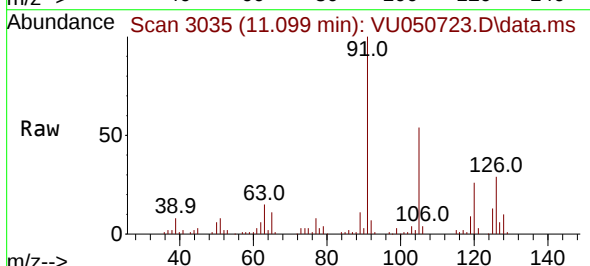
Acq: 16 Sep 2022 13:43

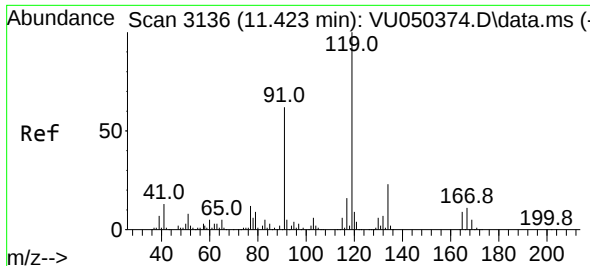
Tgt Ion:126 Resp: 23454

Ion Ratio Lower Upper

126 100

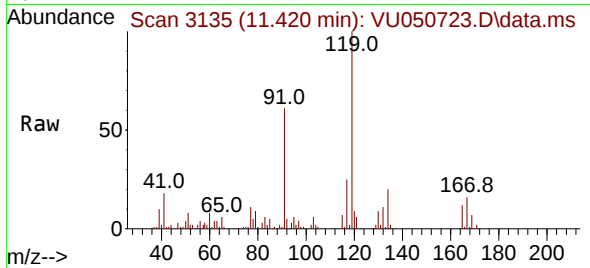
91 370.1 0.0 738.8





#77
tert-Butylbenzene
Concen: 1.705 ug/l
RT: 11.420 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

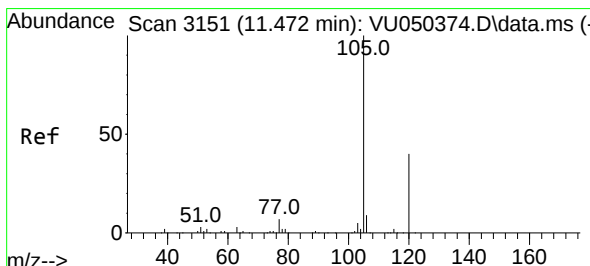
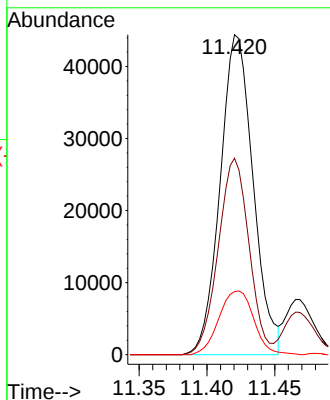
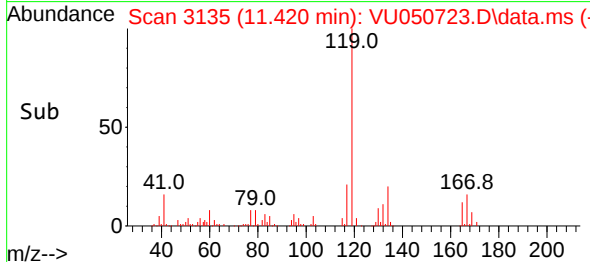
Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01



Tgt Ion:119 Resp: 75168
Ion Ratio Lower Upper
119 100
91 57.6 30.4 91.3
134 21.0 17.8 26.6

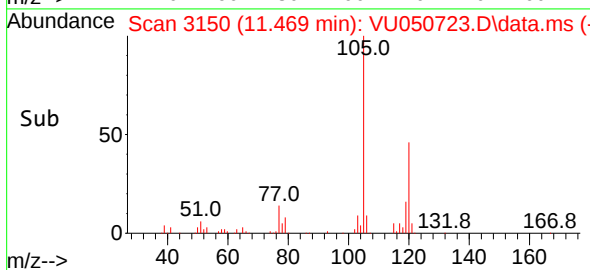
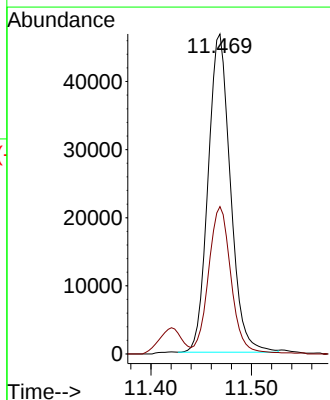
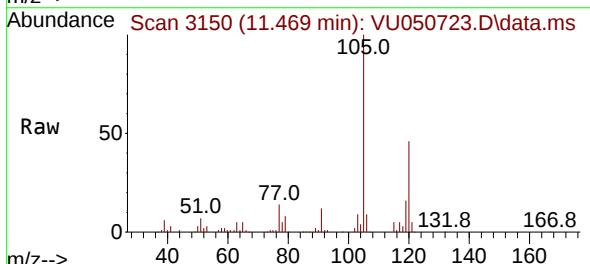
Manual Integrations
APPROVED

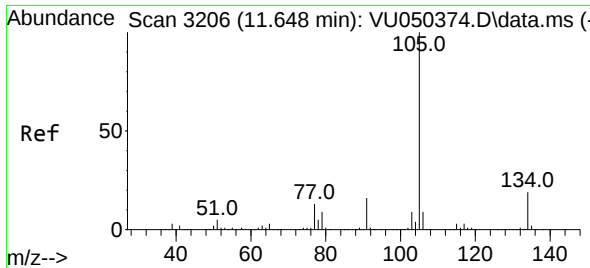
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#78
1,2,4-Trimethylbenzene
Concen: 1.605 ug/l
RT: 11.469 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Tgt Ion:105 Resp: 72185
Ion Ratio Lower Upper
105 100
120 47.0 21.6 65.0





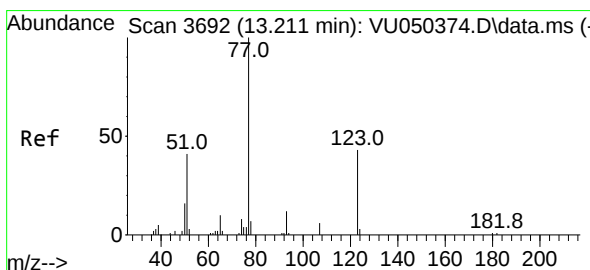
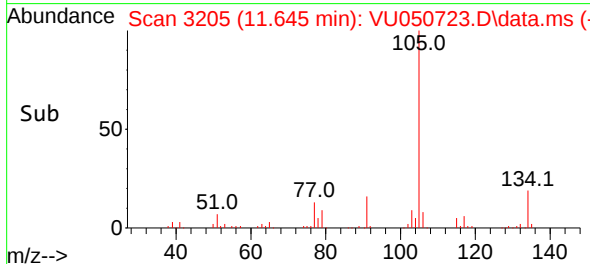
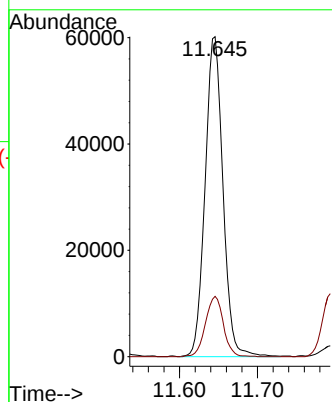
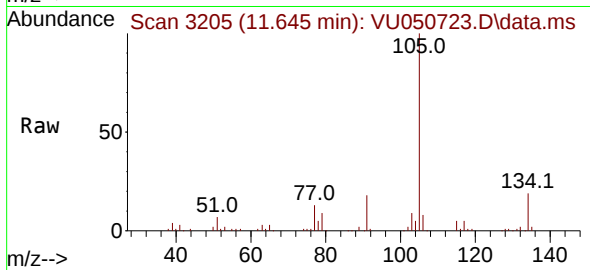
#79
 sec-Butylbenzene
 Concen: 1.671 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU050723.D
 Acq: 16 Sep 2022 13:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0916WBS01

Tgt Ion:105 Resp: 9586
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.4 23.0

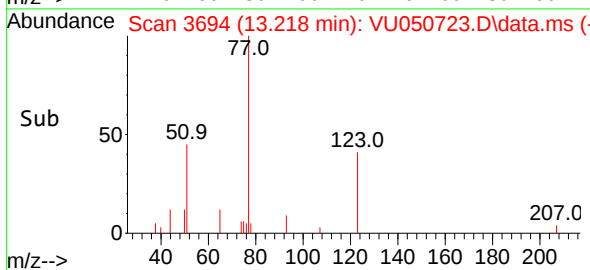
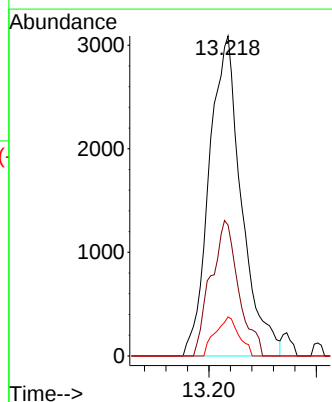
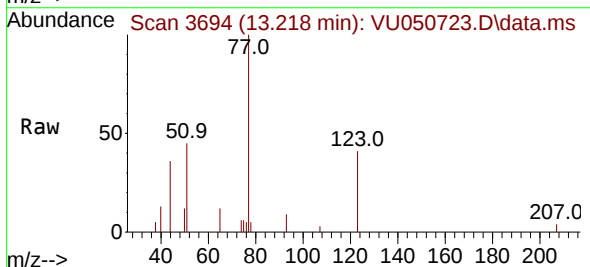
Manual Integrations
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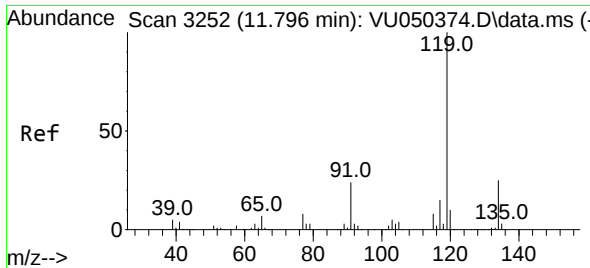
Reviewed By :Krupa Patel 09/19/2022
 Supervised By :Mahesh Dadoda 09/21/2022



#80
 Nitrobenzene
 Concen: 6.630 ug/l m
 RT: 13.218 min Scan# 3694
 Delta R.T. 0.010 min
 Lab File: VU050723.D
 Acq: 16 Sep 2022 13:43

Tgt Ion: 77 Resp: 6436
 Ion Ratio Lower Upper
 77 100
 123 36.4 18.1 64.3
 65 8.9 10.8 13.8#





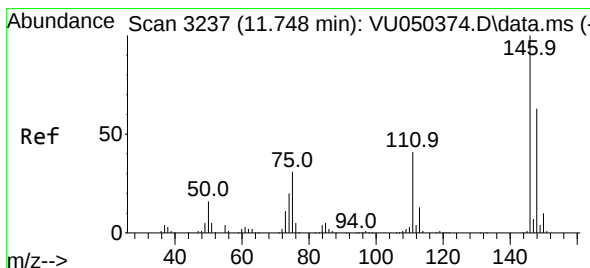
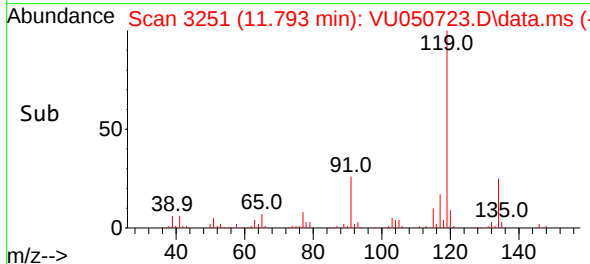
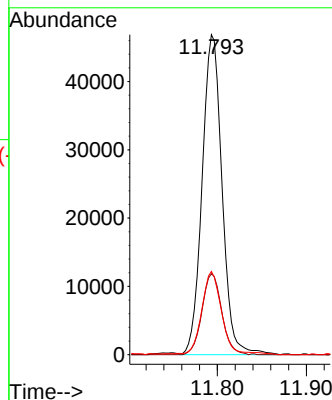
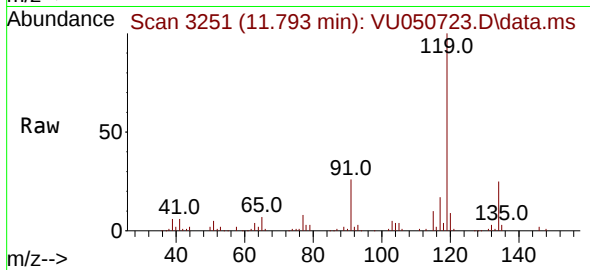
#81
p-Isopropyltoluene
Concen: 1.641 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01

Tgt Ion:119 Resp: 72749
Ion Ratio Lower Upper
119 100
134 25.0 20.5 30.7
91 26.2 19.8 29.6

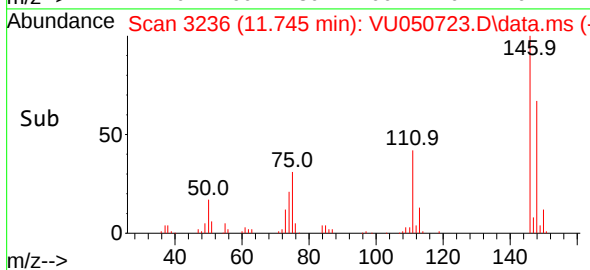
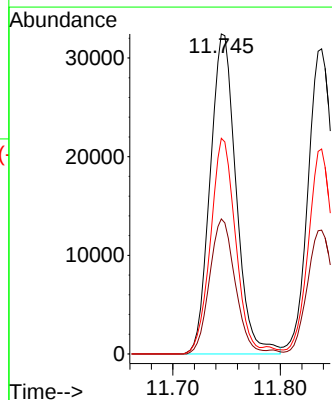
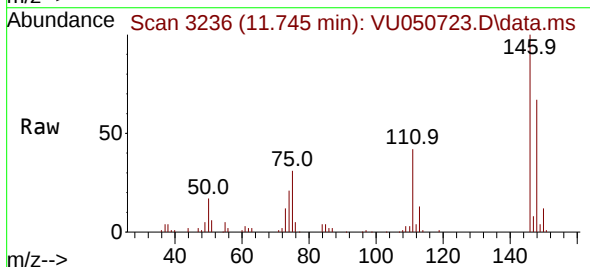
Manual Integrations
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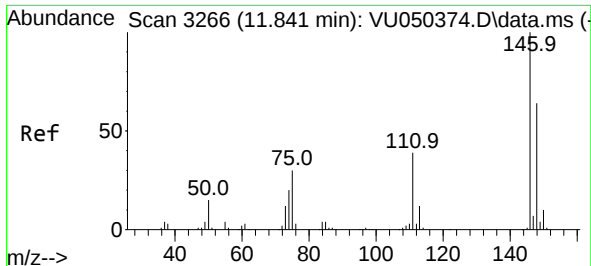
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#82
1,3-Dichlorobenzene
Concen: 1.723 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

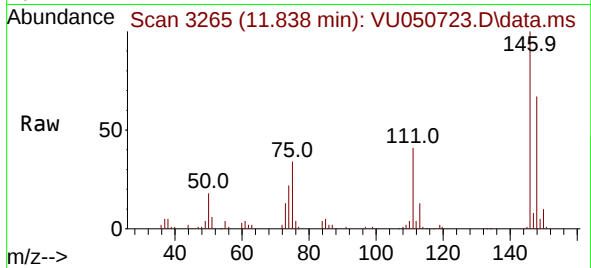
Tgt Ion:146 Resp: 54306
Ion Ratio Lower Upper
146 100
111 41.6 33.4 50.2
148 64.8 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 1.709 ug/l
RT: 11.838 min Scan# 311
Delta R.T. 0.004 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

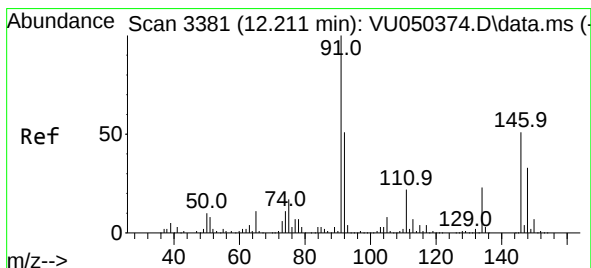
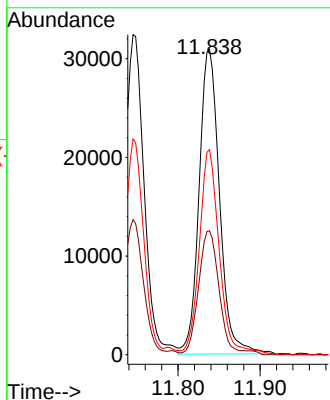
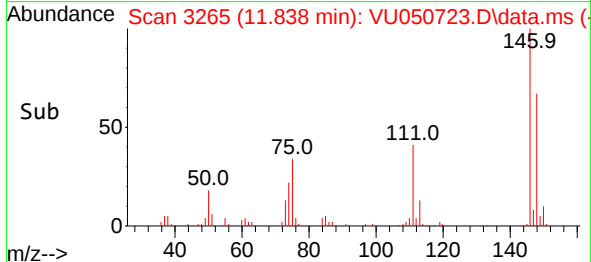
Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01



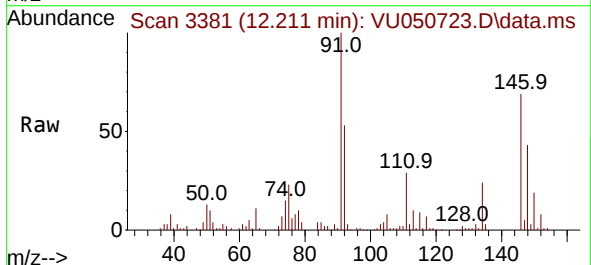
Tgt Ion:146 Resp: 5354
Ion Ratio Lower Upper
146 100
111 41.1 32.6 49.0
148 65.6 51.6 77.4

Manual Integrations
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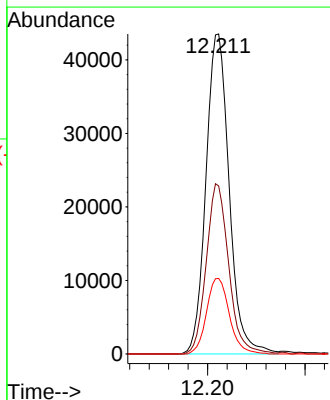
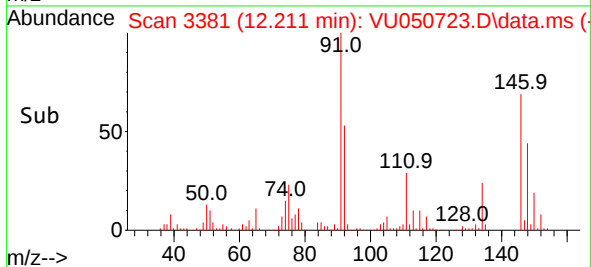
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022

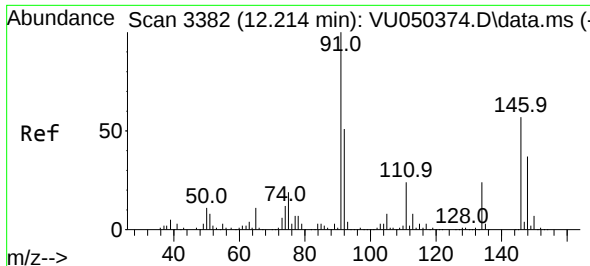


#84
n-Butylbenzene
Concen: 1.710 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43



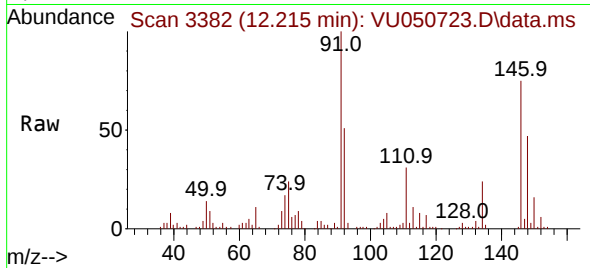
Tgt Ion: 91 Resp: 72005
Ion Ratio Lower Upper
91 100
92 51.5 42.3 63.5
134 23.2 19.6 29.4





#85
1,2-Dichlorobenzene
Concen: 1.649 ug/l
RT: 12.215 min Scan# 3382
Delta R.T. 0.004 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

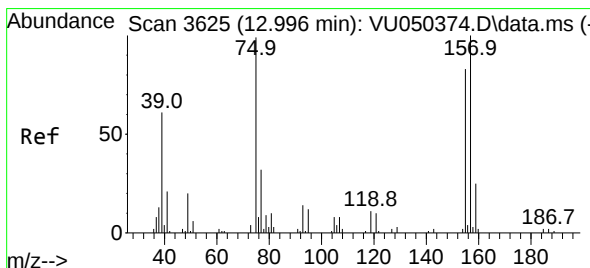
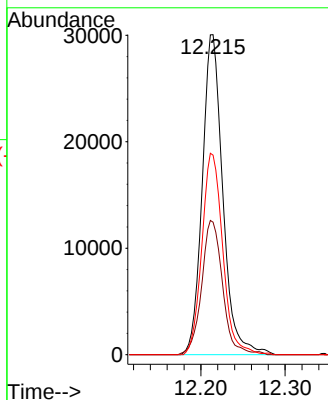
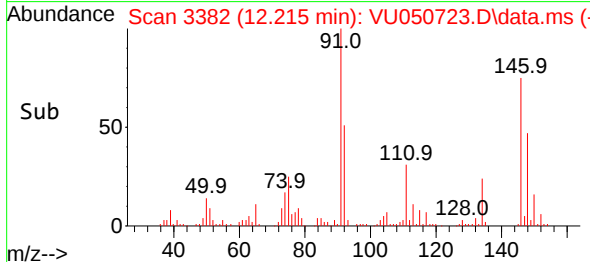
Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01



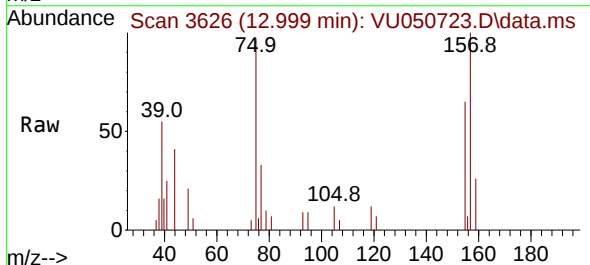
Tgt Ion:146 Resp: 51090
Ion Ratio Lower Upper
146 100
111 42.4 22.1 66.1
148 63.8 32.1 96.3

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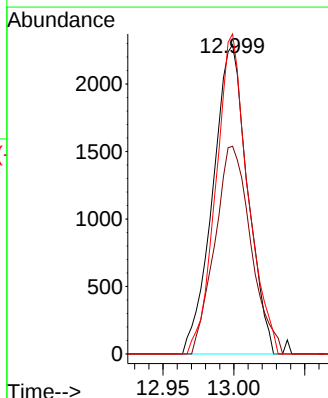
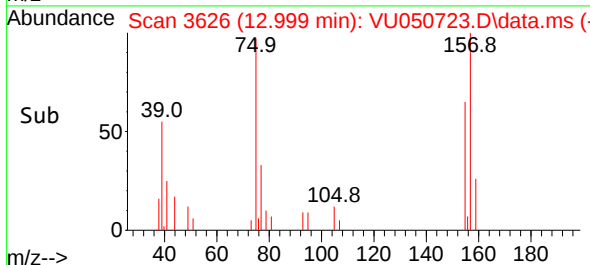
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.380 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.004 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43



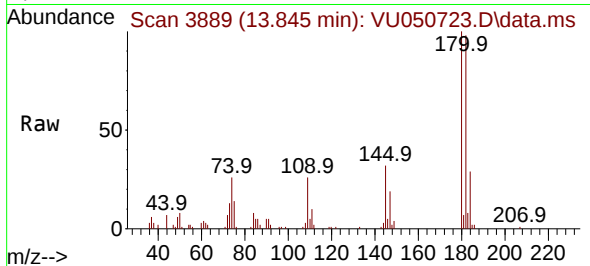
Tgt Ion: 75 Resp: 3898
Ion Ratio Lower Upper
75 100
155 69.8 66.8 100.2
157 95.2 83.8 125.8





#87
1,2,4-Trichlorobenzene
Concen: 1.600 ug/l
RT: 13.845 min Scan# 3888
Delta R.T. 0.004 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

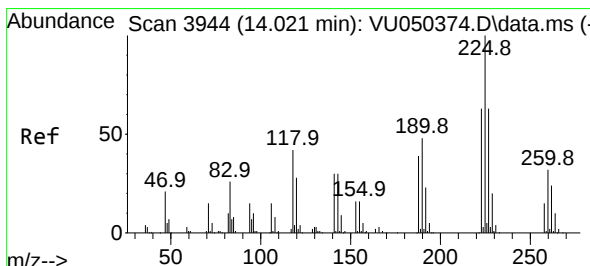
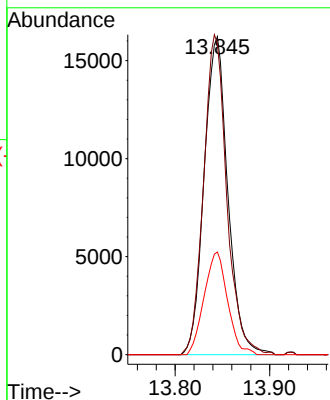
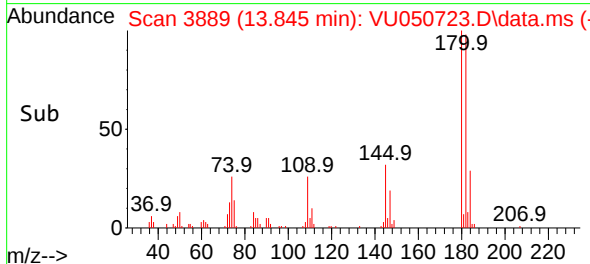
Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01



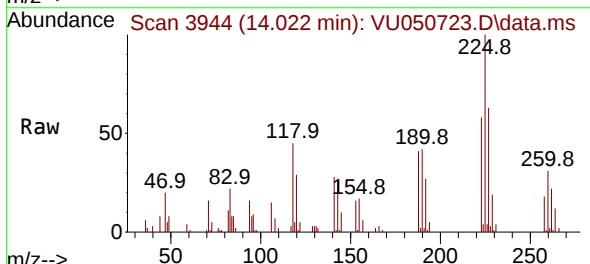
Tgt Ion:180 Resp: 2828
Ion Ratio Lower Upper
180 100
182 98.2 77.0 115.6
145 31.8 25.7 38.5

Manual Integrations
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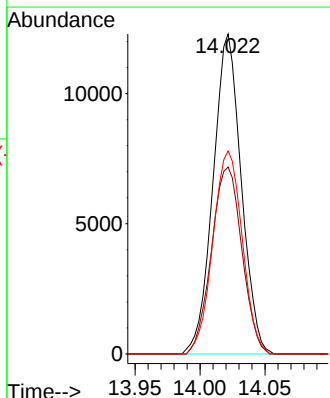
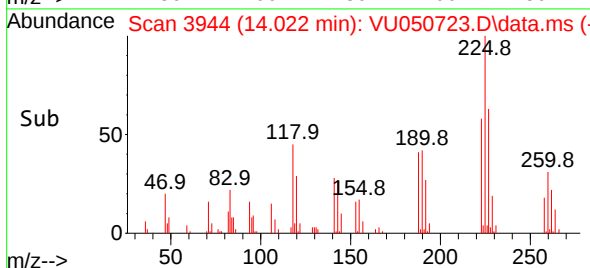
Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022

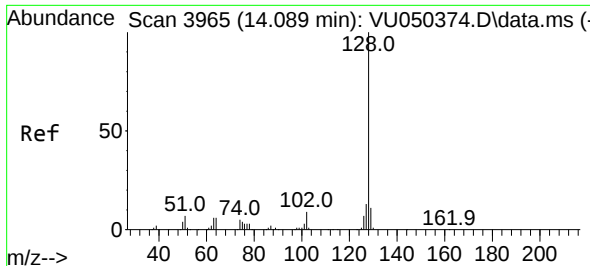


#88
Hexachlorobutadiene
Concen: 1.608 ug/l
RT: 14.022 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43



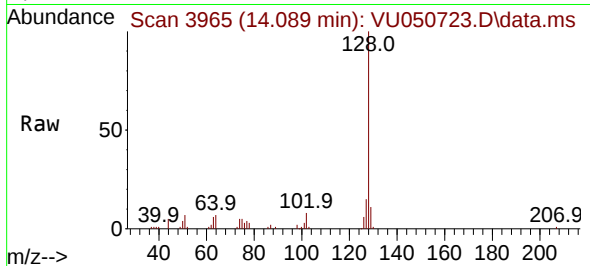
Tgt Ion:225 Resp: 18501
Ion Ratio Lower Upper
225 100
223 63.1 50.6 76.0
227 66.1 50.7 76.1





#89
Naphthalene
Concen: 1.796 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43

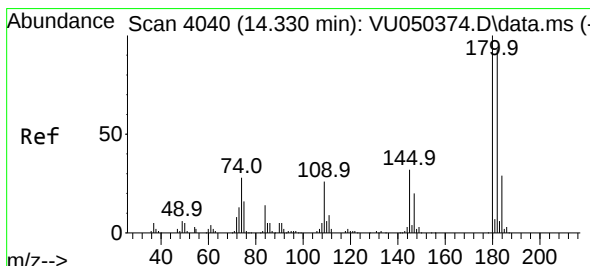
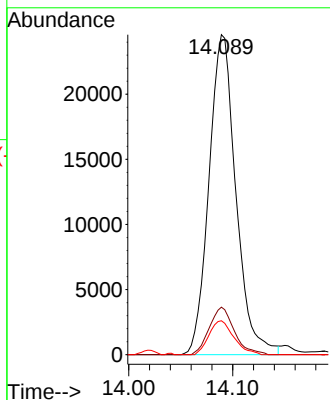
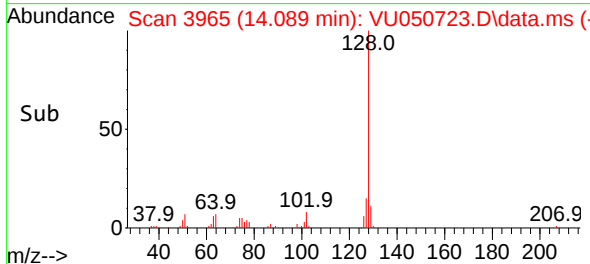
Instrument :
MSVOA_U
ClientSampleId :
VU0916WBS01



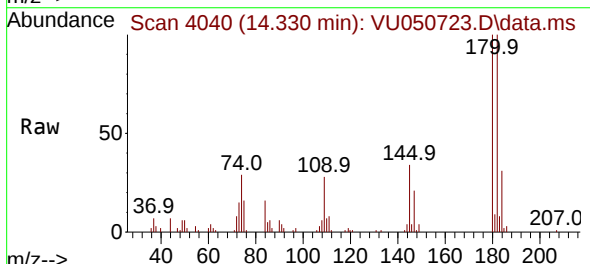
Tgt Ion:128 Resp: 44310
Ion Ratio Lower Upper
128 100
127 13.8 10.1 15.1
129 9.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/19/2022
Supervised By :Mahesh Dadoda 09/21/2022



#90
1,2,3-Trichlorobenzene
Concen: 1.585 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050723.D
Acq: 16 Sep 2022 13:43



Tgt Ion:180 Resp: 26235
Ion Ratio Lower Upper
180 100
182 97.3 76.6 114.8
145 33.8 27.3 40.9

