

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052523\
 Data File : VU054270.D
 Acq On : 25 May 2023 15:59
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Quant Time: May 26 06:02:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 05:59:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/26/2023
 Supervised By :Mahesh Dadoda 05/30/2023

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

Internal Standards						
1) Pentafluorobenzene	5.366	168	222520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.240	114	358063	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	356441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	198316	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	425571	145.893	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 291.780%#			
35) Dibromofluoromethane	5.282	113	344584	149.439	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 298.880%#			
50) Toluene-d8	7.893	98	1320626	150.573	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 301.140%#			
62) 4-Bromofluorobenzene	10.629	95	534873	157.279	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 314.560%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	372152	149.815	ug/l	100
3) Chloromethane	1.520	50	452767	139.201	ug/l	98
4) Vinyl Chloride	1.604	62	462388	148.993	ug/l	99
5) Bromomethane	1.854	94	242121	140.939	ug/l	96
6) Chloroethane	1.922	64	196988	131.415	ug/l	95
7) Trichlorofluoromethane	2.128	101	606999	142.169	ug/l	97
8) Diethyl Ether	2.372	74	234732	148.509	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.571	101	332957	144.034	ug/l	96
10) Methyl Iodide	2.716	142	427287	149.442	ug/l	95
11) Tert butyl alcohol	3.292	59	564187m	713.442	ug/l	
12) 1,1-Dichloroethene	2.571	96	335877	140.327	ug/l	95
13) Acrolein	2.481	56	598835	730.548	ug/l	99
14) Allyl chloride	2.916	41	601086	144.837	ug/l	89
15) Acrylonitrile	3.311	53	1301868	736.920	ug/l	99
16) Acetone	2.633	43	1174921	702.680	ug/l	100
17) Carbon Disulfide	2.787	76	1011205	142.952	ug/l	100
18) Methyl Acetate	2.944	43	860081	140.878	ug/l	96
19) Methyl tert-butyl Ether	3.356	73	1155652	147.500	ug/l	98
20) Methylene Chloride	3.041	84	402374	133.391	ug/l	95
21) trans-1,2-Dichloroethene	3.343	96	364359	142.186	ug/l	97
22) Diisopropyl ether	3.983	45	1068306	145.237	ug/l	# 75
23) Vinyl Acetate	3.948	43	4143875	772.052	ug/l	98
24) 1,1-Dichloroethane	3.861	63	674386	143.183	ug/l	100
25) 2-Butanone	4.700	43	1665799	752.460	ug/l	98
26) 2,2-Dichloropropane	4.655	77	599128	145.557	ug/l	99
27) cis-1,2-Dichloroethene	4.658	96	415649	145.808	ug/l	94
28) Bromochloromethane	4.967	49	314532	144.310	ug/l	87
29) Tetrahydrofuran	5.047	42	1018078	731.614	ug/l	95
30) Chloroform	5.083	83	665681	139.037	ug/l	98
31) Cyclohexane	5.378	56	577706	140.258	ug/l	94
32) 1,1,1-Trichloroethane	5.308	97	600379	144.440	ug/l	99
36) 1,1-Dichloropropene	5.520	75	505277	139.513	ug/l	98
37) Ethyl Acetate	4.797	43	615770	139.508	ug/l	# 93
38) Carbon Tetrachloride	5.517	117	532410	143.623	ug/l	99
39) Methylcyclohexane	6.758	83	621263	151.448	ug/l	93
40) Benzene	5.768	78	1491350	144.363	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	317033	158.859	ug/l	92
42) 1,2-Dichloroethane	5.787	62	529627	141.130	ug/l	99
43) Isopropyl Acetate	5.906	43	910336	149.524	ug/l	98
44) Trichloroethene	6.536	130	406192	140.659	ug/l	94
45) 1,2-Dichloropropane	6.784	63	395069	146.596	ug/l	99
46) Dibromomethane	6.912	93	286876	144.614	ug/l	95
47) Bromodichloromethane	7.099	83	549927	148.234	ug/l	99
48) Methyl methacrylate	6.954	41	435220	161.195	ug/l	94
49) 1,4-Dioxane	6.996	88	221388	2840.275	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	3100012	763.001	ug/l	100
52) Toluene	7.964	92	958748	145.549	ug/l	98
53) t-1,3-Dichloropropene	8.205	75	664755	156.620	ug/l	100
54) cis-1,3-Dichloropropene	7.600	75	684067	154.437	ug/l	98
55) 1,1,2-Trichloroethane	8.394	97	391799	143.524	ug/l	100
56) Ethyl methacrylate	8.330	69	678762	167.039	ug/l	96
57) 1,3-Dichloropropane	8.568	76	693187	147.451	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.456	63	278490	1068.941	ug/l	100
59) 2-Hexanone	8.687	43	2448868	763.003	ug/l	99
60) Dibromochloromethane	8.806	129	441356	159.133	ug/l	100
61) 1,2-Dibromoethane	8.919	107	448022	150.799	ug/l	100
64) Tetrachloroethene	8.549	164	385168	143.577	ug/l	97
65) Chlorobenzene	9.443	112	1070648	143.681	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.529	131	404375	149.588	ug/l	98
67) Ethyl Benzene	9.565	91	1921094	150.797	ug/l	97
68) m/p-Xylenes	9.687	106	1460530	302.456	ug/l	93
69) o-Xylene	10.095	106	719273	153.870	ug/l	93
70) Styrene	10.108	104	1236051	159.447	ug/l	97
71) Bromoform	10.288	173	379244	161.442	ug/l	99
73) Isopropylbenzene	10.478	105	1902807	154.927	ug/l	97
74) N-amyl acetate	10.317	43	821784	157.579	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.777	83	710531	142.972	ug/l	100
76) 1,2,3-Trichloropropane	10.819	75	861219	147.841	ug/l	97
77) Bromobenzene	10.777	156	497326	147.456	ug/l	93
78) n-propylbenzene	10.899	91	2333596	155.105	ug/l	98
79) 2-Chlorotoluene	10.980	91	1377702	151.248	ug/l	95
80) 1,3,5-Trimethylbenzene	11.082	105	1640415	157.056	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.542	75	253110	166.521	ug/l	99
82) 4-Chlorotoluene	11.092	91	1600716	149.773	ug/l	95
83) tert-Butylbenzene	11.417	119	1624073	155.495	ug/l	95
84) 1,2,4-Trimethylbenzene	11.462	105	1656613	159.424	ug/l	98
85) sec-Butylbenzene	11.639	105	2104743	158.813	ug/l	99
86) p-Isopropyltoluene	11.787	119	1780661	159.744	ug/l	98
87) 1,3-Dichlorobenzene	11.742	146	942850	144.378	ug/l	98
88) 1,4-Dichlorobenzene	11.832	146	952935	142.424	ug/l	98
89) n-Butylbenzene	12.205	91	1652103	157.453	ug/l	98
90) Hexachloroethane	12.471	117	320465	162.508	ug/l	91
91) 1,2-Dichlorobenzene	12.208	146	939086	146.175	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.989	75	185526	163.690	ug/l	91
93) 1,2,4-Trichlorobenzene	13.835	180	696552	149.328	ug/l	99
94) Hexachlorobutadiene	14.015	225	316542	148.100	ug/l	99
95) Naphthalene	14.079	128	2262388	150.079	ug/l	100
96) 1,2,3-Trichlorobenzene	14.323	180	686626	149.367	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

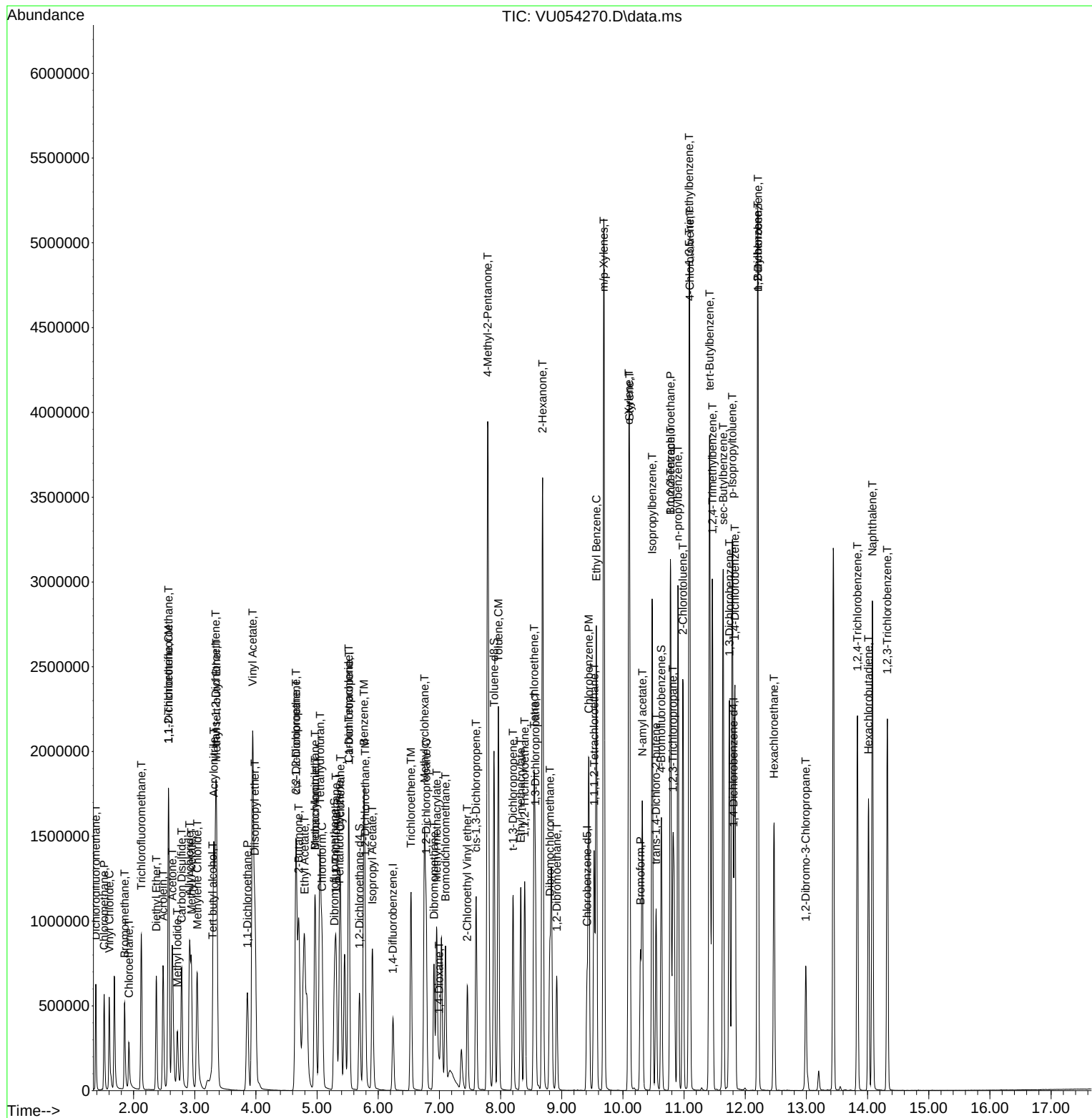
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052523\
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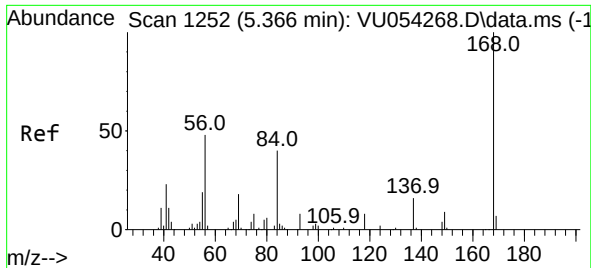
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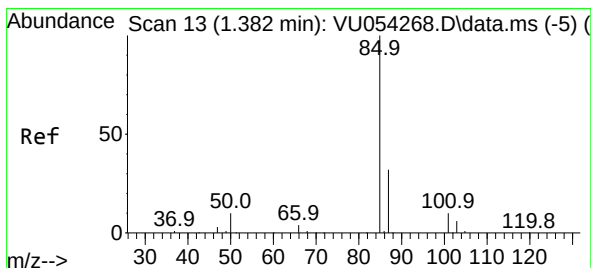
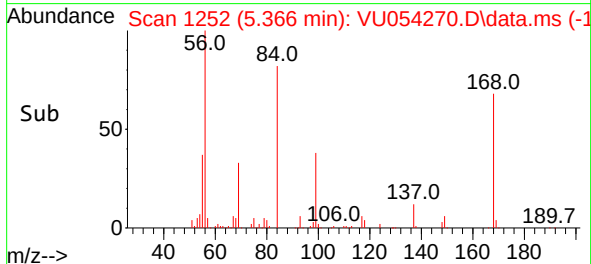
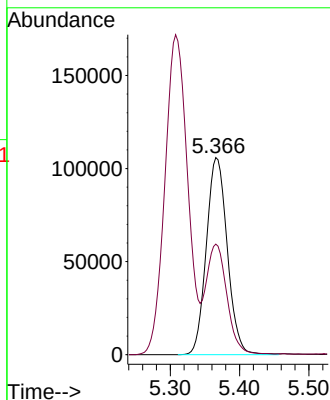
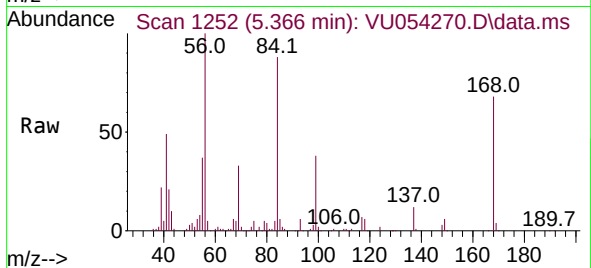
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.000 min
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Tgt Ion:168 Resp: 222520
Ion Ratio Lower Upper
168 100
99 55.6 39.3 58.9

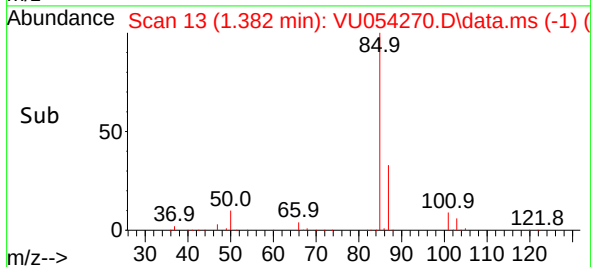
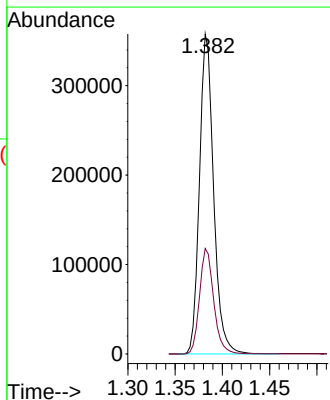
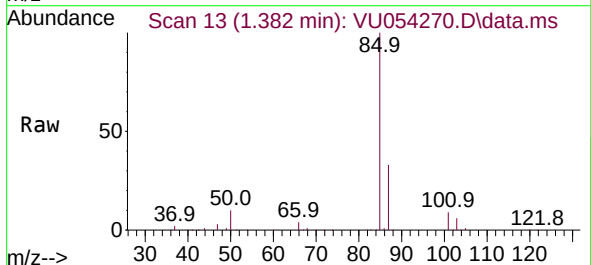
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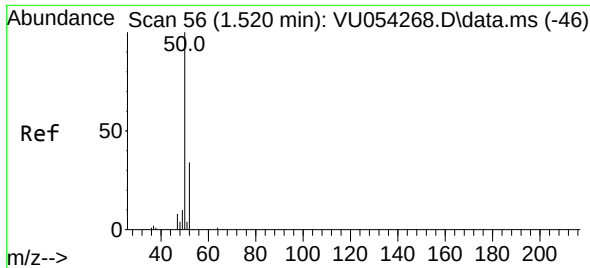
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#2
Dichlorodifluoromethane
Concen: 149.815 ug/l
RT: 1.382 min Scan# 13
Delta R.T. 0.000 min
Lab File: VU054270.D
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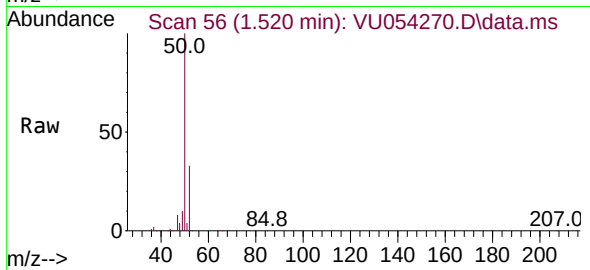
Tgt Ion: 85 Resp: 372152
Ion Ratio Lower Upper
85 100
87 33.0 16.4 49.2





#3
Chloromethane
Concen: 139.201 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

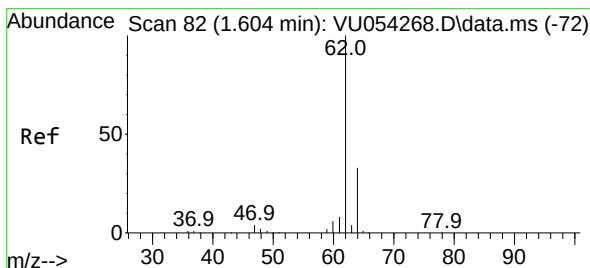
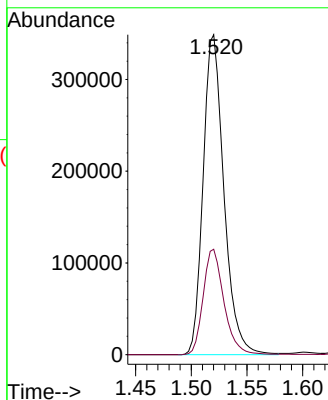
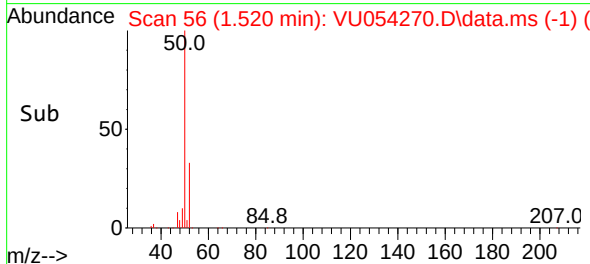
Instrument :
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ClientSampleId :
VSTDIC150



Tgt Ion: 50 Resp: 45276
Ion Ratio Lower Upper
50 100
52 33.0 27.4 41.2

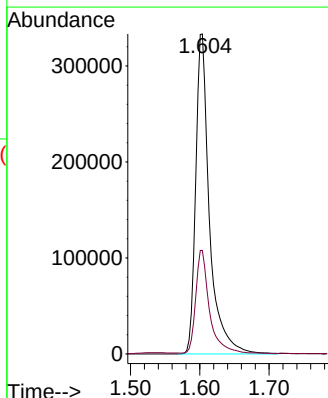
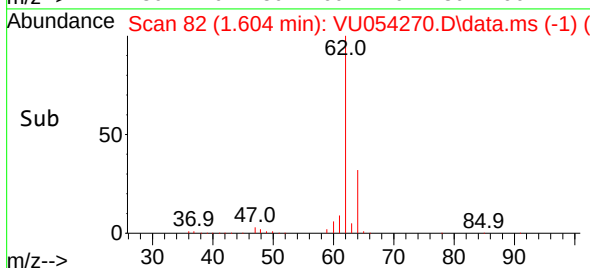
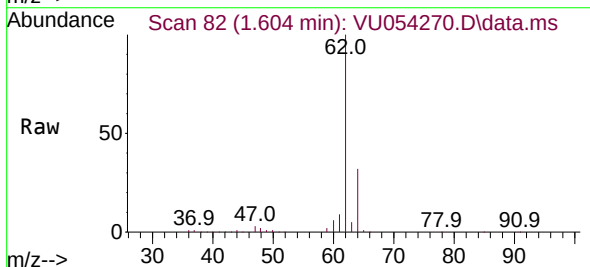
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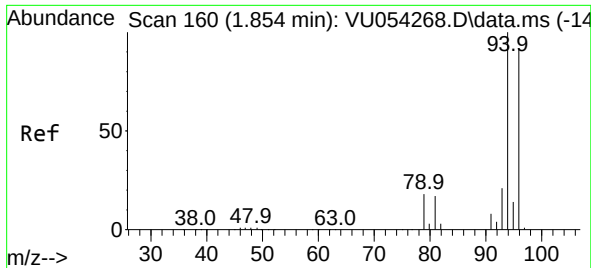
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#4
Vinyl Chloride
Concen: 148.993 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU054270.D
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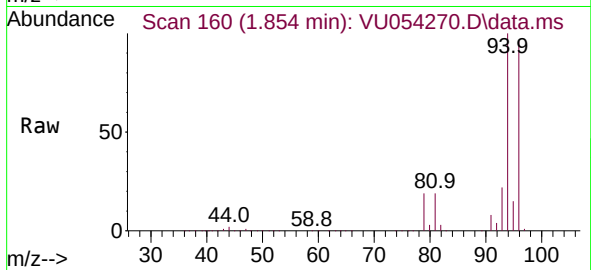
Tgt Ion: 62 Resp: 462388
Ion Ratio Lower Upper
62 100
64 32.2 25.3 37.9





#5
Bromomethane
Concen: 140.939 ug/l
RT: 1.854 min Scan# 110
Delta R.T. 0.000 min
Lab File: VU054270.D
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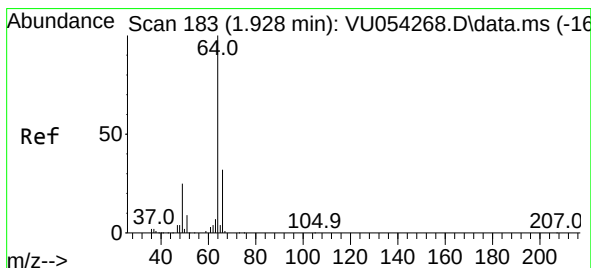
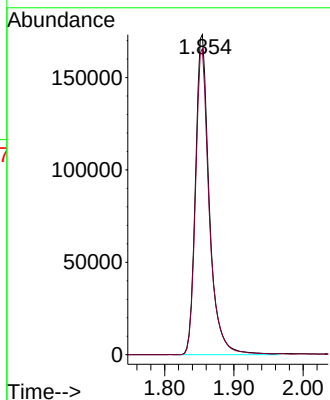
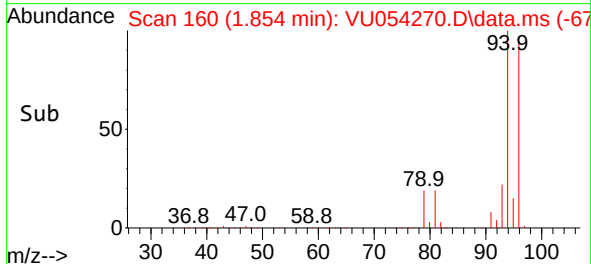
Instrument :
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Tgt Ion: 94 Resp: 24212
Ion Ratio Lower Upper
94 100
96 95.6 73.7 110.5

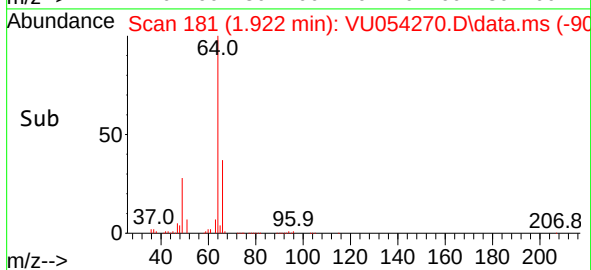
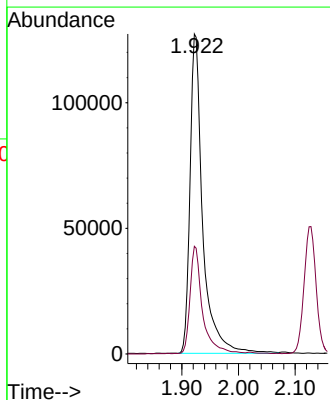
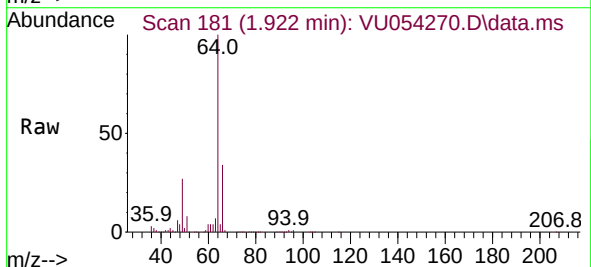
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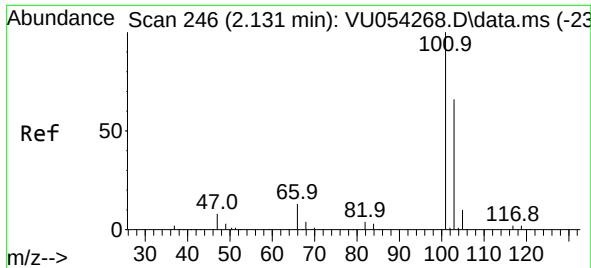
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#6
Chloroethane
Concen: 131.415 ug/l
RT: 1.922 min Scan# 181
Delta R.T. -0.006 min
Lab File: VU054270.D
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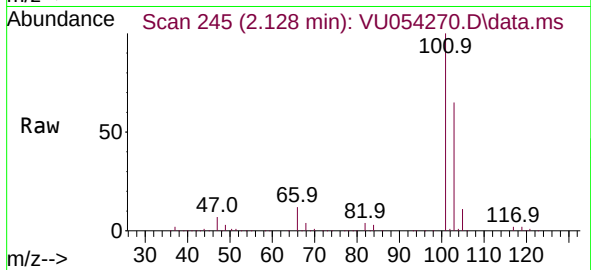
Tgt Ion: 64 Resp: 196988
Ion Ratio Lower Upper
64 100
66 33.6 24.7 37.1





#7
Trichlorofluoromethane
Concen: 142.169 ug/l
RT: 2.128 min Scan# 246
Delta R.T. -0.003 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

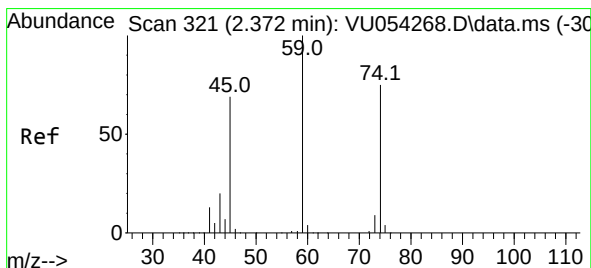
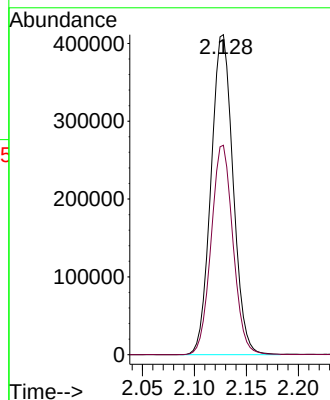
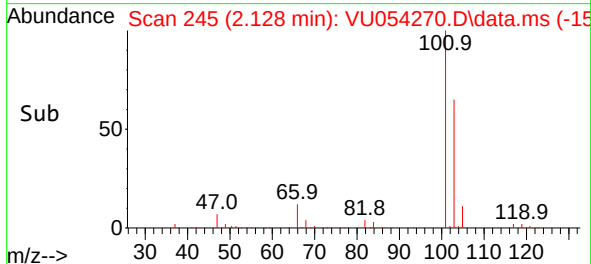
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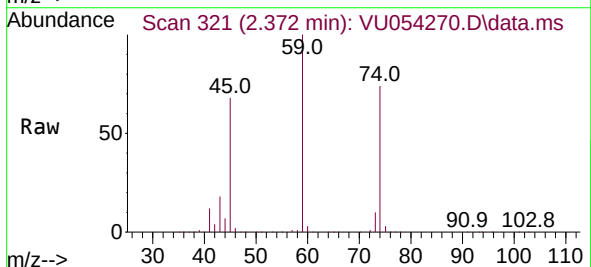
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Ion Ratio Lower Upper
101 100
103 65.4 50.6 75.8

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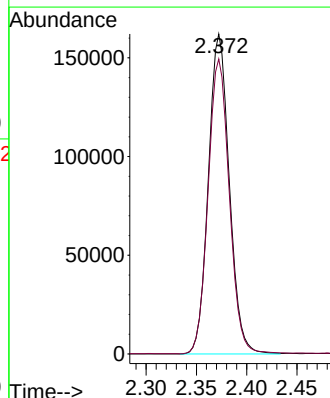
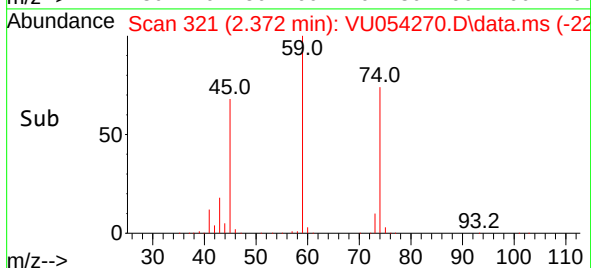
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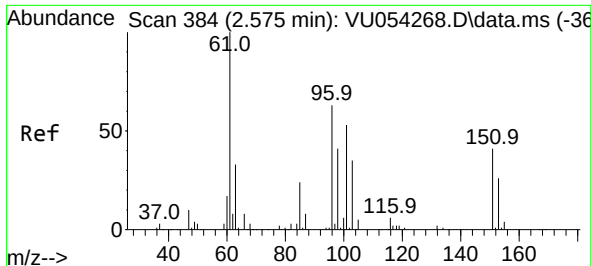


#8
Diethyl Ether
Concen: 148.509 ug/l
RT: 2.372 min Scan# 321
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 234732
Ion Ratio Lower Upper
74 100
45 93.4 44.4 133.2





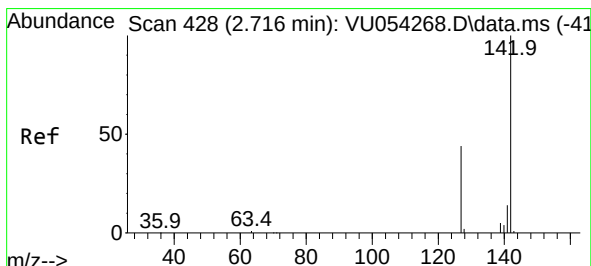
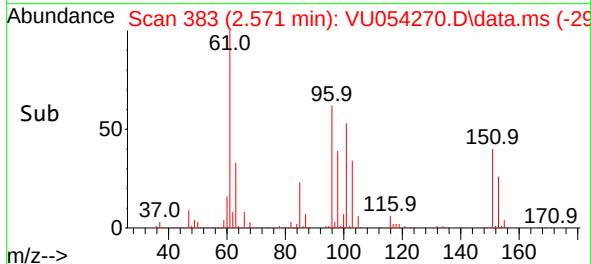
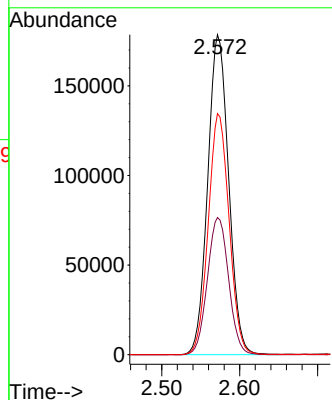
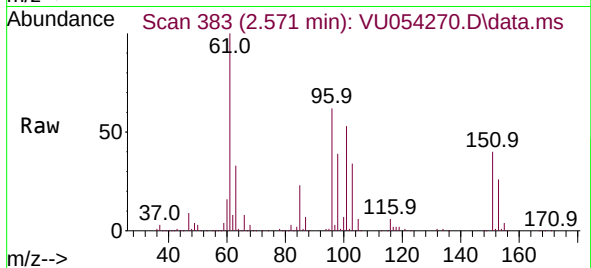
#9
1,1,2-Trichlorotrifluoroethane
Concen: 144.034 ug/l
RT: 2.571 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 33295
Ion Ratio Lower Upper
101 100
85 43.5 33.9 50.9
151 75.2 64.0 96.0

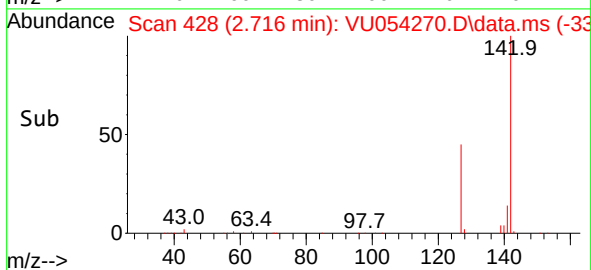
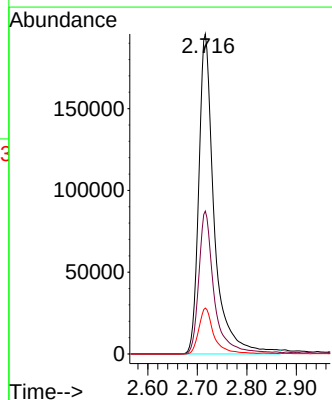
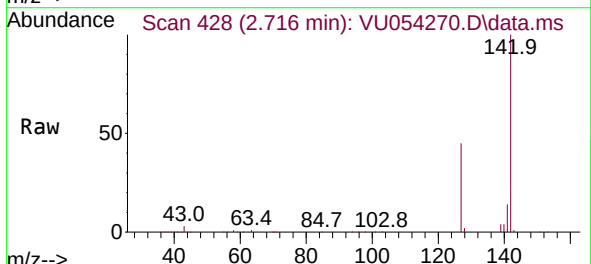
Manual Integrations
APPROVED

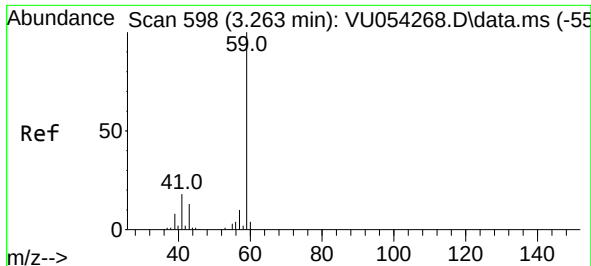
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#10
Methyl Iodide
Concen: 149.442 ug/l
RT: 2.716 min Scan# 428
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

Tgt Ion:142 Resp: 427287
Ion Ratio Lower Upper
142 100
127 44.4 32.5 48.7
141 14.1 11.4 17.0





#11

Tert butyl alcohol

Concen: 713.442 ug/l m

RT: 3.292 min Scan# 607

Delta R.T. 0.049 min

Lab File: VU054270.D

Acq: 25 May 2023 15:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 59 Resp: 56418

Ion Ratio Lower Upper

59 100

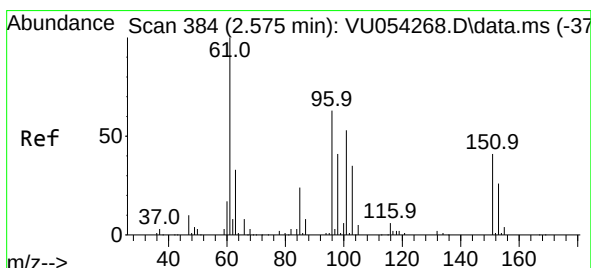
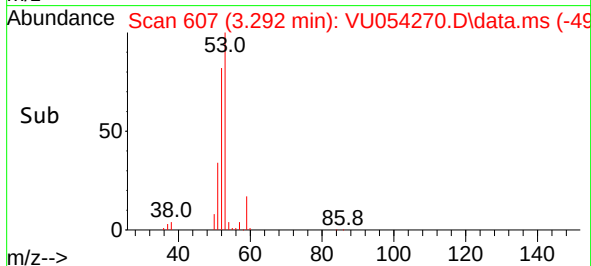
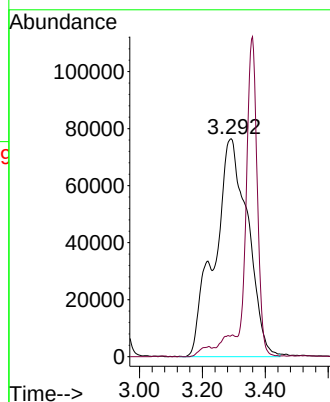
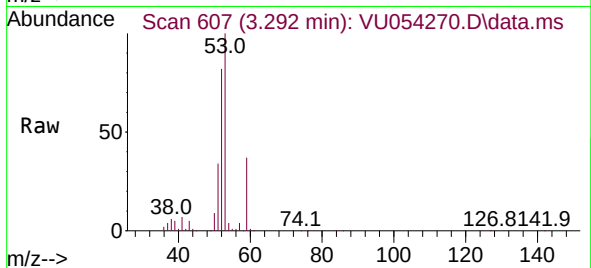
57 1.7 30.6 45.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/26/2023

Supervised By :Mahesh Dadoda 05/30/2023



#12

1,1-Dichloroethene

Concen: 140.327 ug/l

RT: 2.571 min Scan# 383

Delta R.T. -0.003 min

Lab File: VU054270.D

Acq: 25 May 2023 15:59

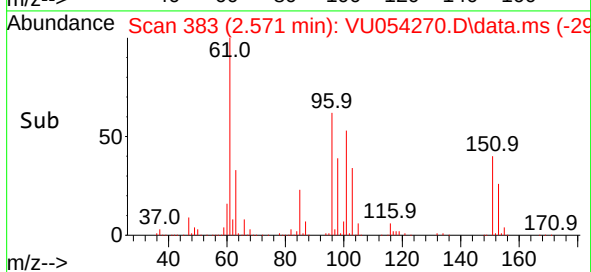
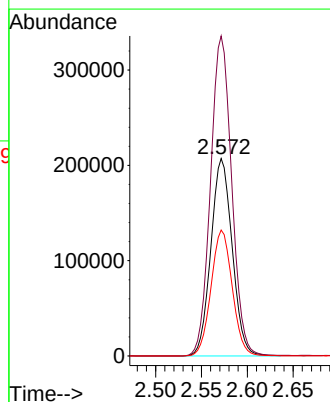
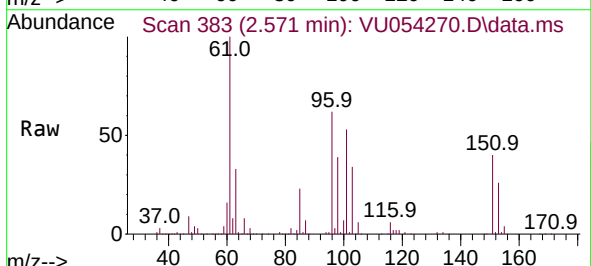
Tgt Ion: 96 Resp: 335877

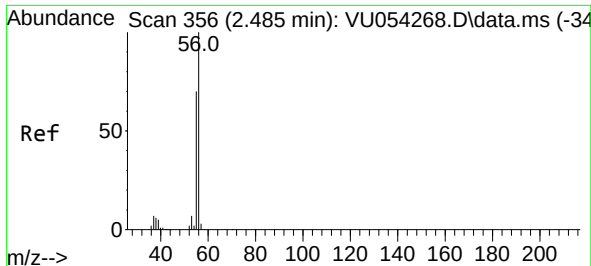
Ion Ratio Lower Upper

96 100

61 162.0 122.2 183.2

98 63.7 50.7 76.1





#13

Acrolein

Concen: 730.548 ug/l

RT: 2.481 min Scan# 356

Delta R.T. -0.003 min

Lab File: VU054270.D

Acq: 25 May 2023 15:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 56 Resp: 59883

Ion Ratio Lower Upper

56 100

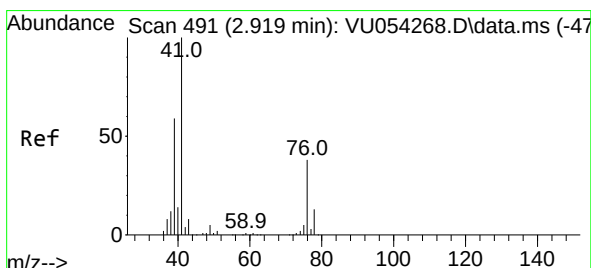
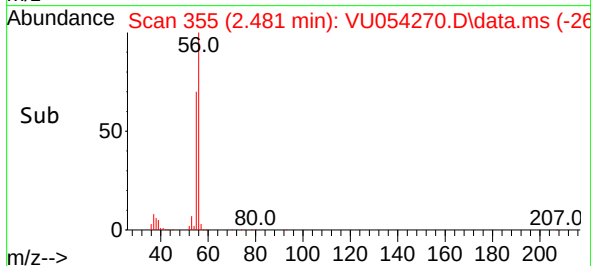
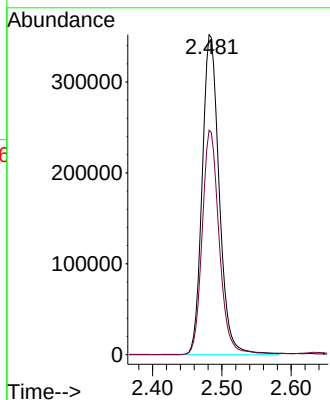
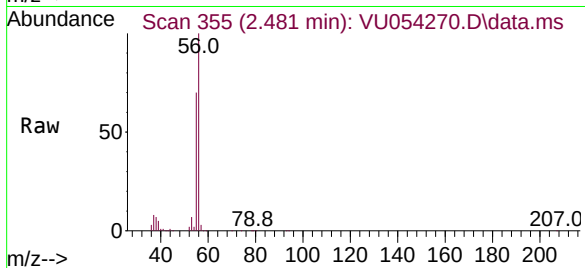
55 69.9 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/26/2023

Supervised By :Mahesh Dadoda 05/30/2023



#14

Allyl chloride

Concen: 144.837 ug/l

RT: 2.916 min Scan# 490

Delta R.T. -0.003 min

Lab File: VU054270.D

Acq: 25 May 2023 15:59

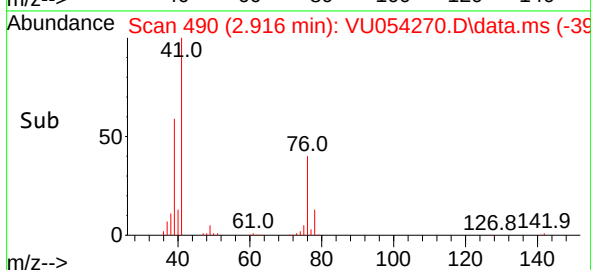
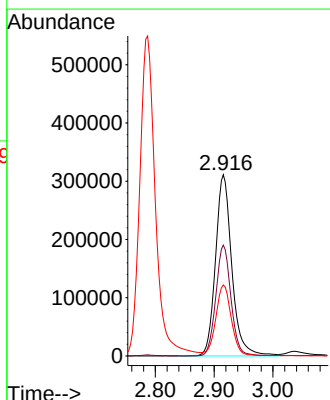
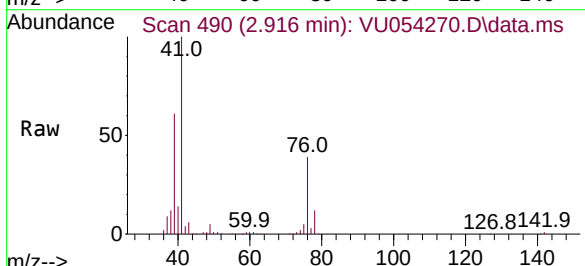
Tgt Ion: 41 Resp: 601086

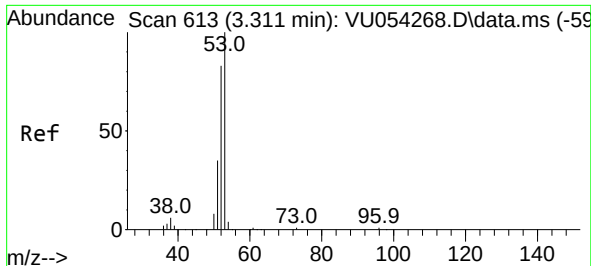
Ion Ratio Lower Upper

41 100

39 56.4 53.4 80.2

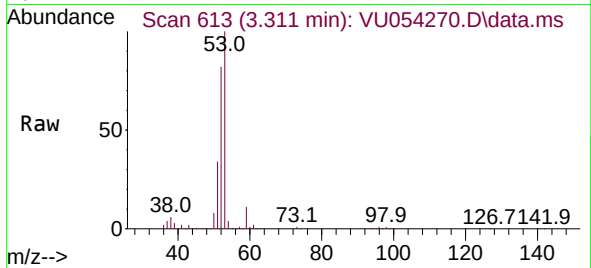
76 36.7 33.8 50.6





#15
Acrylonitrile
Concen: 736.920 ug/l
RT: 3.311 min Scan# 613
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

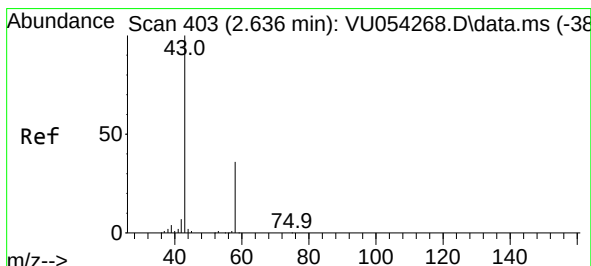
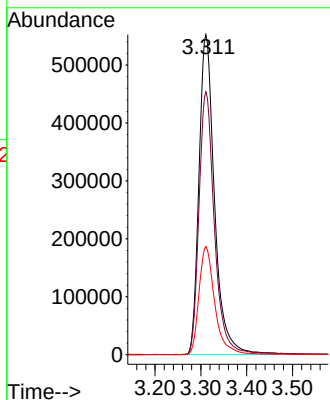
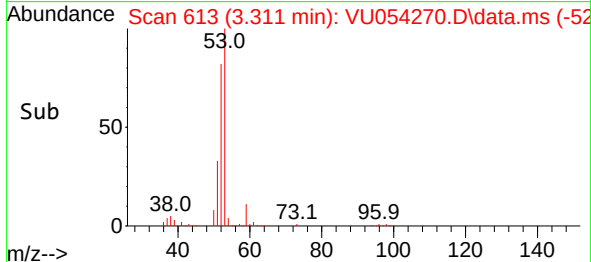
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion: 53 Resp: 130186
Ion Ratio Lower Upper
53 100
52 82.0 65.7 98.5
51 34.1 28.2 42.4

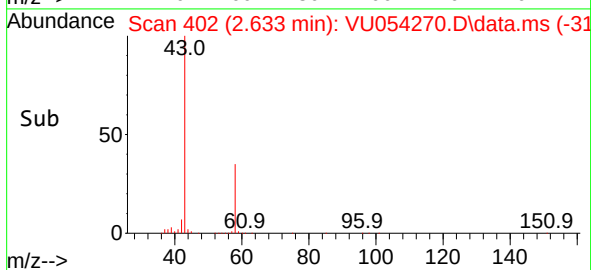
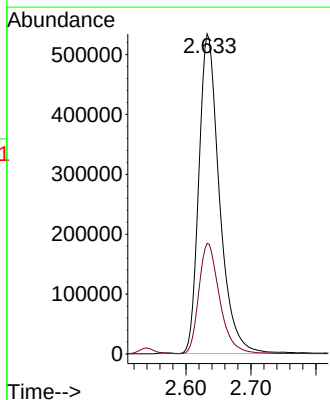
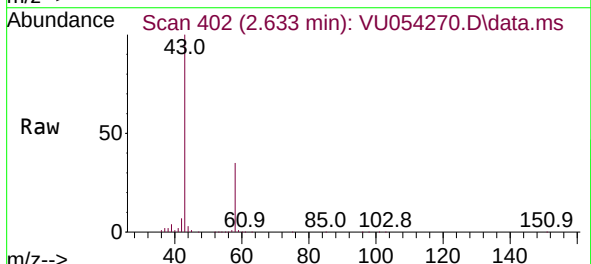
Manual Integrations
APPROVED

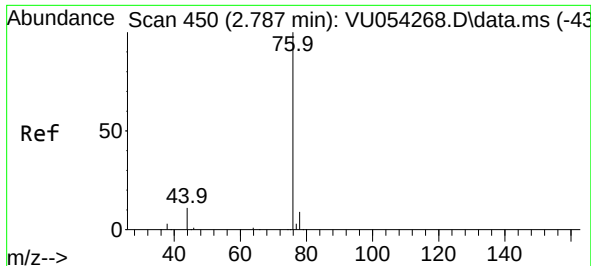
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#16
Acetone
Concen: 702.680 ug/l
RT: 2.633 min Scan# 402
Delta R.T. -0.003 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

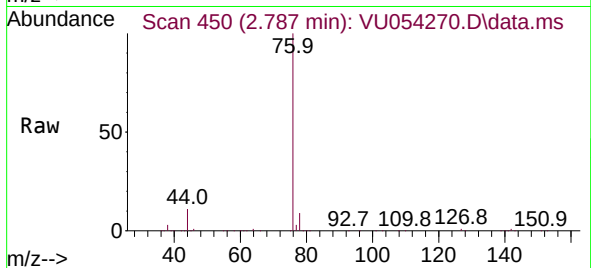
Tgt Ion: 43 Resp: 1174921
Ion Ratio Lower Upper
43 100
58 34.5 27.5 41.3





#17
Carbon Disulfide
Concen: 142.952 ug/l
RT: 2.787 min Scan# 450
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

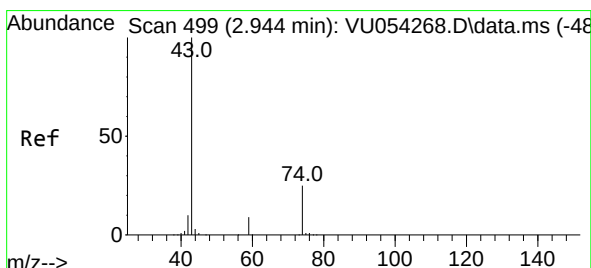
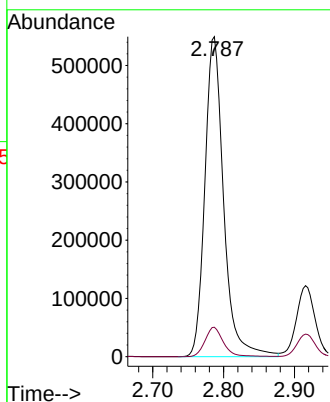
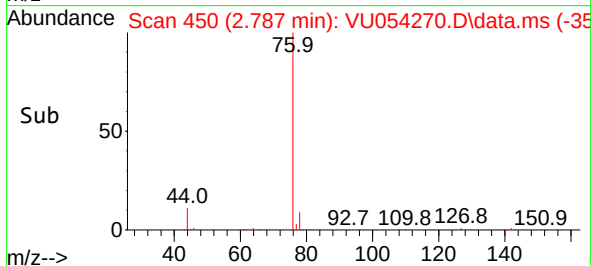
Instrument :
MSVOA_U
Client Sample Id :
VSTDIC150



Tgt Ion: 76 Resp: 101120
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

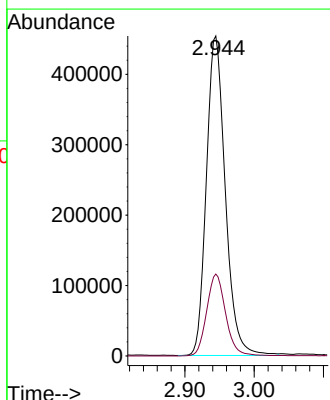
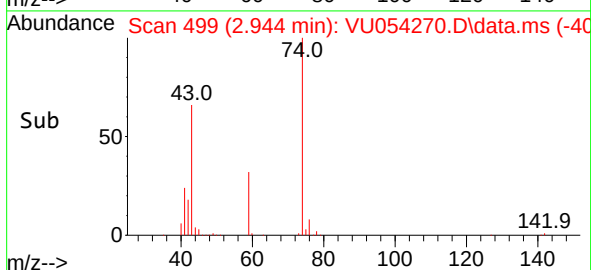
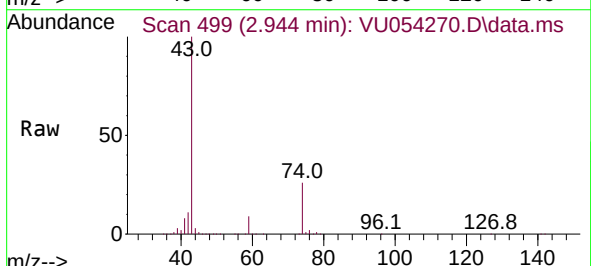
Manual Integrations
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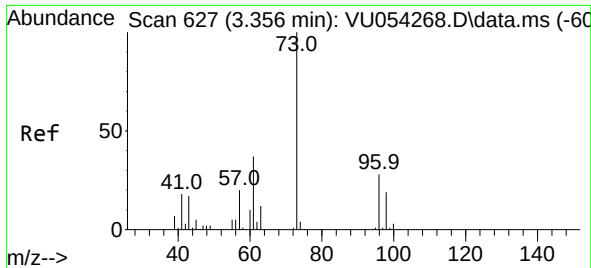
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#18
Methyl Acetate
Concen: 140.878 ug/l
RT: 2.944 min Scan# 499
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

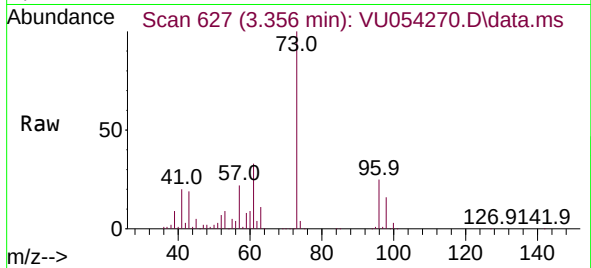
Tgt Ion: 43 Resp: 860081
Ion Ratio Lower Upper
43 100
74 25.8 22.5 33.7





#19
Methyl tert-butyl Ether
Concen: 147.500 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

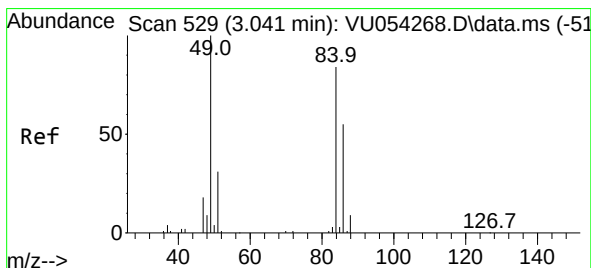
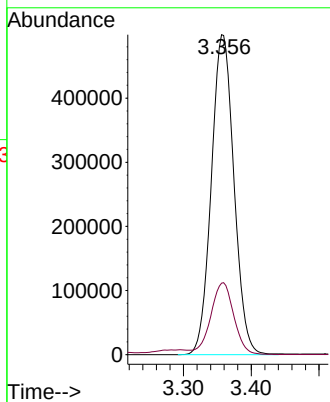
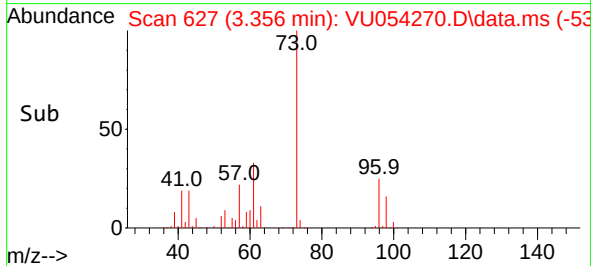
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion: 73 Resp: 115565
Ion Ratio Lower Upper
73 100
57 22.3 17.1 25.7

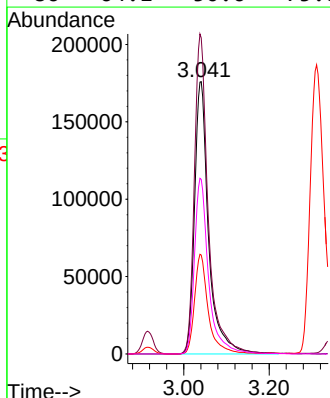
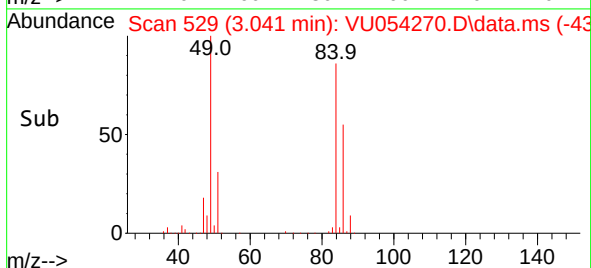
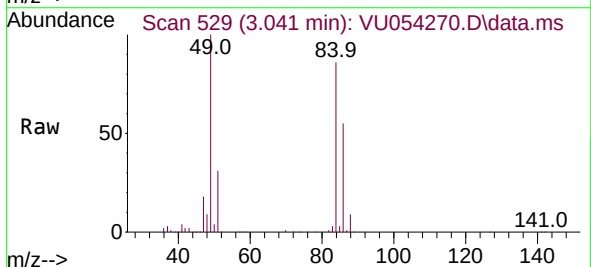
Manual Integrations
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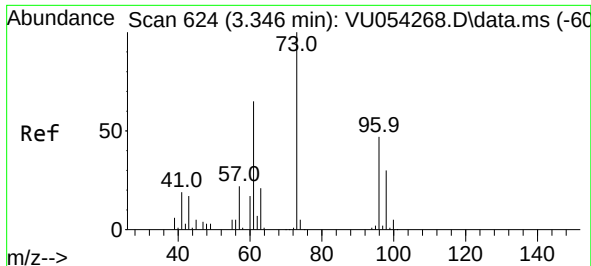
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#20
Methylene Chloride
Concen: 133.391 ug/l
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

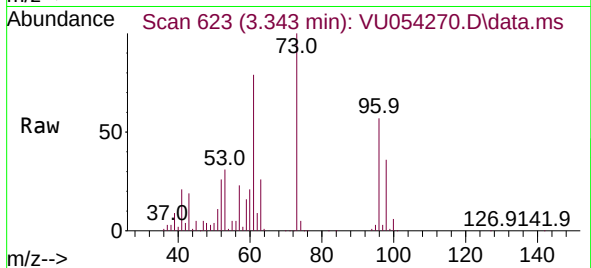
Tgt Ion: 84 Resp: 402374
Ion Ratio Lower Upper
84 100
49 116.0 86.6 129.8
51 36.3 26.6 40.0
86 64.1 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 142.186 ug/l
RT: 3.343 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

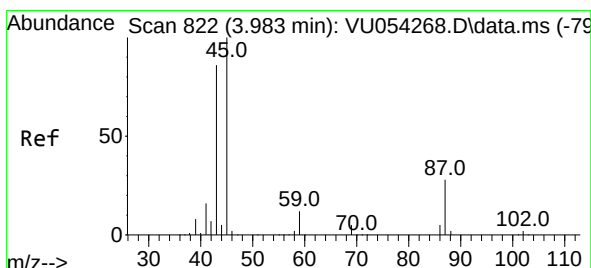
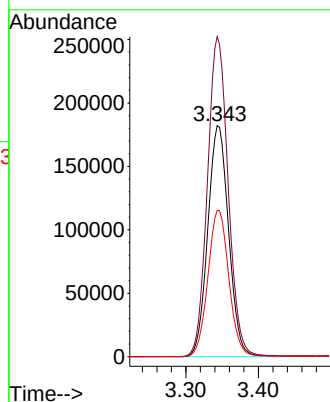
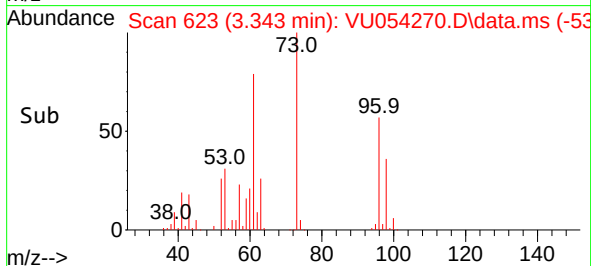
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 364359
Ion Ratio Lower Upper
96 100
61 138.3 106.1 159.1
98 63.4 50.8 76.2

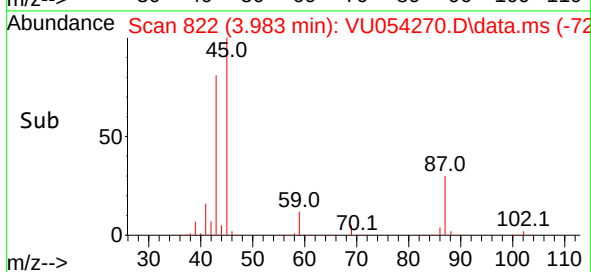
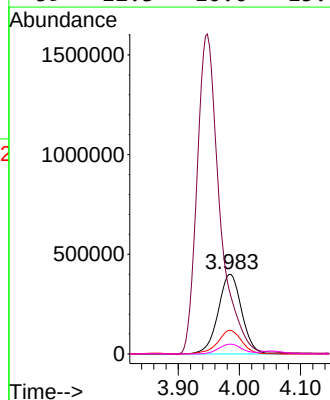
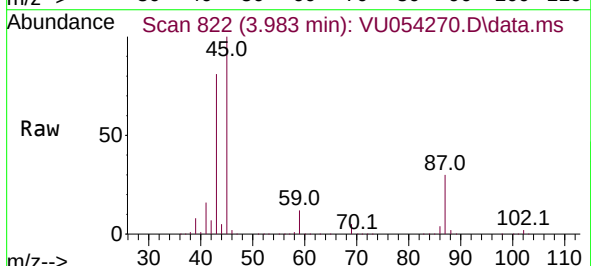
Manual Integrations
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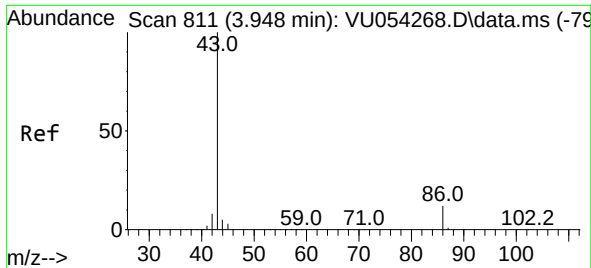
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#22
Diisopropyl ether
Concen: 145.237 ug/l
RT: 3.983 min Scan# 822
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

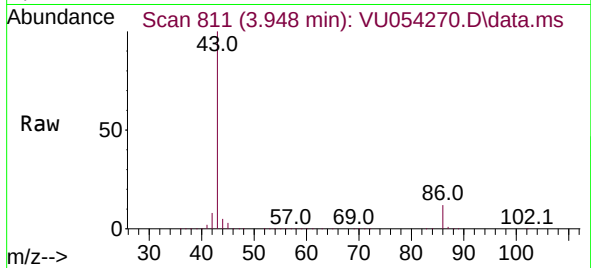
Tgt Ion: 45 Resp: 1068306
Ion Ratio Lower Upper
45 100
43 80.6 92.9 139.3#
87 29.7 26.2 39.2
59 12.3 10.0 15.0





#23
 Vinyl Acetate
 Concen: 772.052 ug/l
 RT: 3.948 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: VU054270.D
 Acq: 25 May 2023 15:59

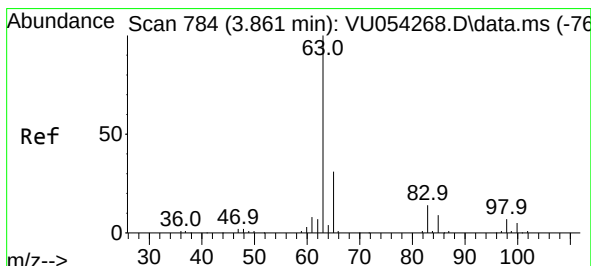
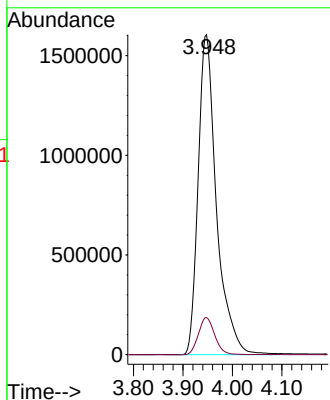
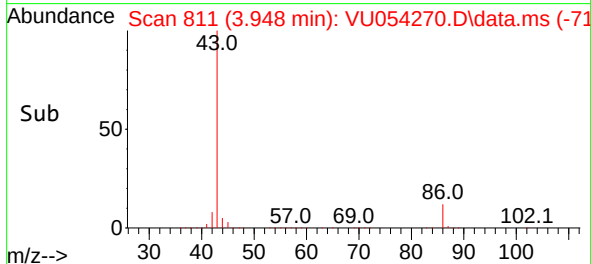
Instrument :
 MSVOA_U
 Client Sample Id :
 VSTDIC150



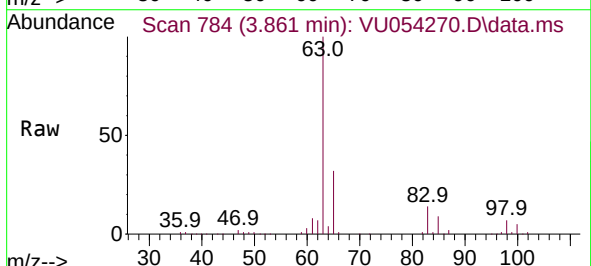
Tgt Ion: 43 Resp: 414387
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.8 14.8

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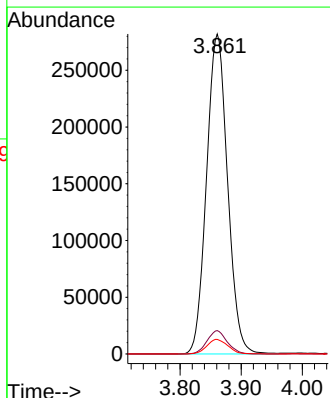
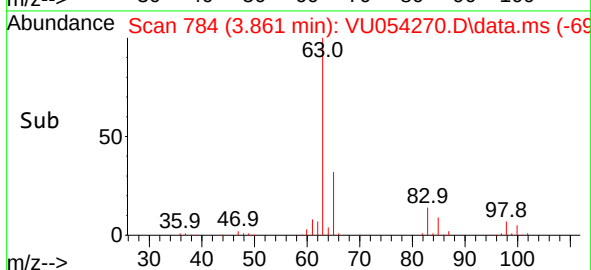
Reviewed By :Krupa Patel 05/26/2023
 Supervised By :Mahesh Dadoda 05/30/2023

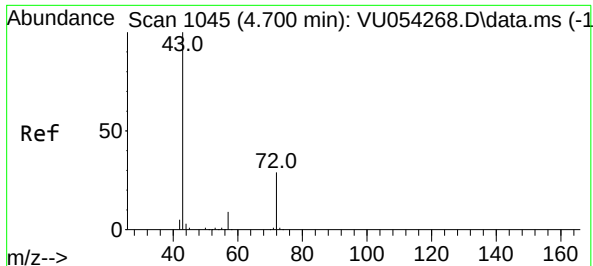


#24
 1,1-Dichloroethane
 Concen: 143.183 ug/l
 RT: 3.861 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VU054270.D
 Acq: 25 May 2023 15:59



Tgt Ion: 63 Resp: 674386
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.6 2.4 7.2





#25

2-Butanone

Concen: 752.460 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU054270.D

Acq: 25 May 2023 15:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 166579

Ion Ratio Lower Upper

43 100

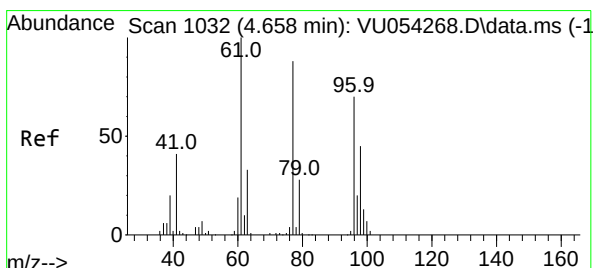
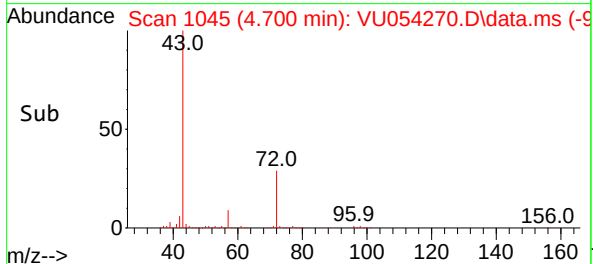
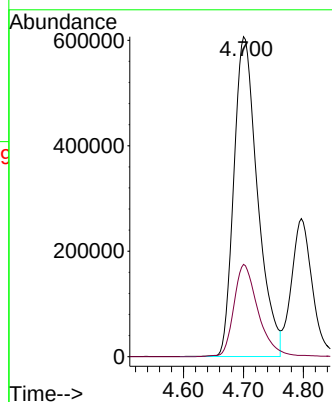
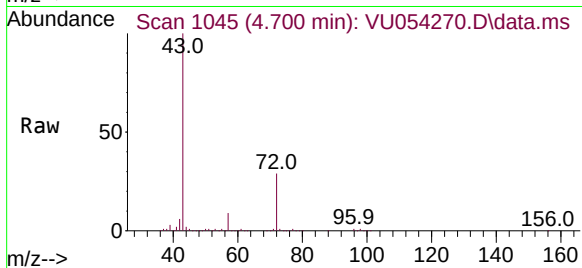
72 28.9 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/26/2023

Supervised By :Mahesh Dadoda 05/30/2023



#26

2,2-Dichloropropane

Concen: 145.557 ug/l

RT: 4.655 min Scan# 1031

Delta R.T. -0.003 min

Lab File: VU054270.D

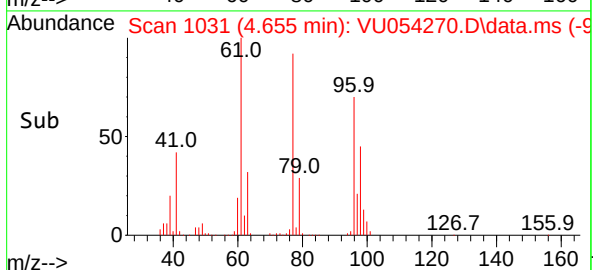
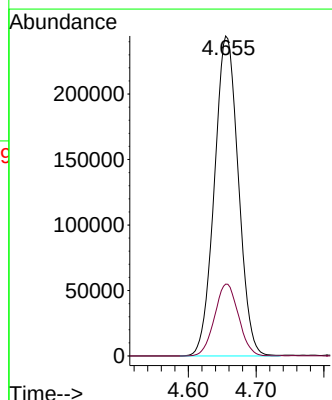
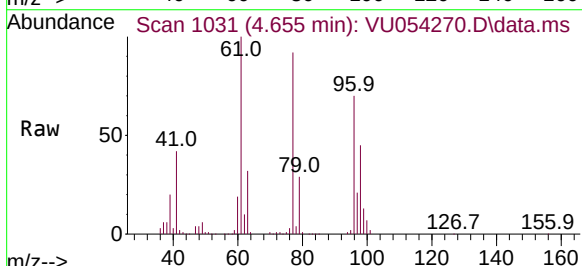
Acq: 25 May 2023 15:59

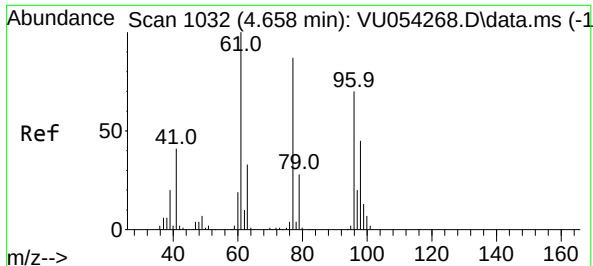
Tgt Ion: 77 Resp: 599128

Ion Ratio Lower Upper

77 100

97 22.5 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 145.808 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VU054270.D

Acq: 25 May 2023 15:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 96 Resp: 415649

Ion Ratio Lower Upper

96 100

61 145.3 0.0 271.6

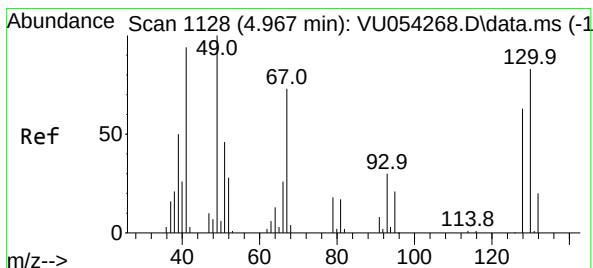
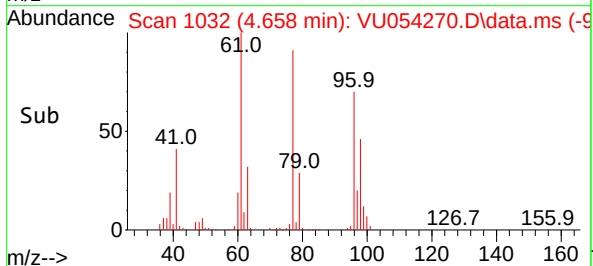
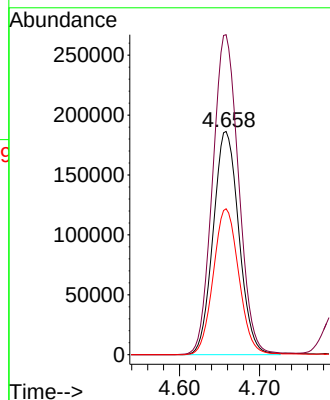
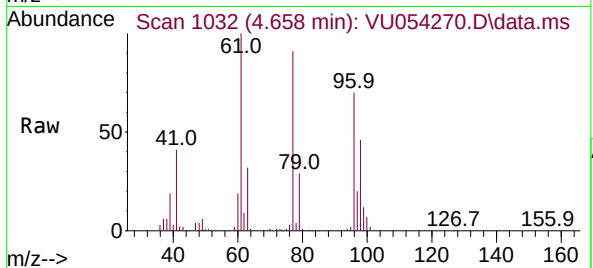
98 65.3 0.0 128.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/26/2023

Supervised By :Mahesh Dadoda 05/30/2023



#28

Bromochloromethane

Concen: 144.310 ug/l

RT: 4.967 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VU054270.D

Acq: 25 May 2023 15:59

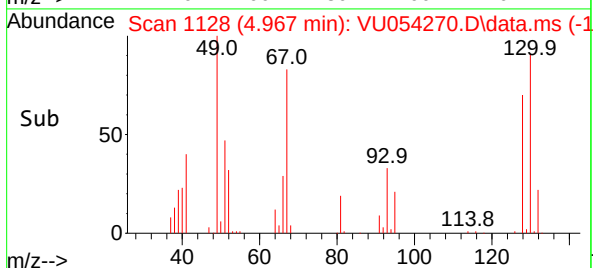
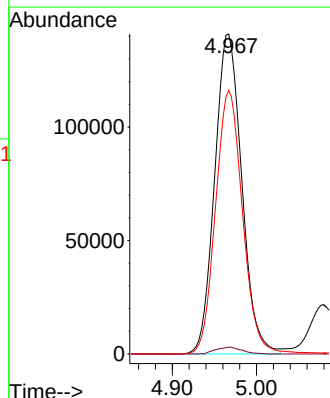
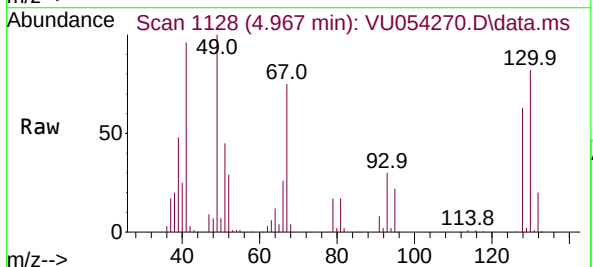
Tgt Ion: 49 Resp: 314532

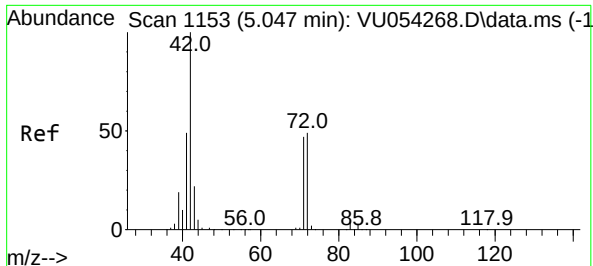
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 82.7 76.9 115.3





#29

Tetrahydrofuran

Concen: 731.614 ug/l

RT: 5.047 min Scan# 1153

Delta R.T. 0.000 min

Lab File: VU054270.D

Acq: 25 May 2023 15:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 1018078

Ion Ratio Lower Upper

42 100

72 50.1 42.6 63.8

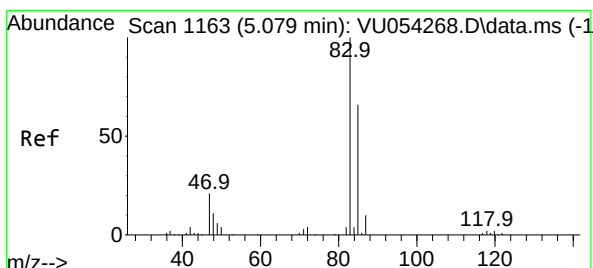
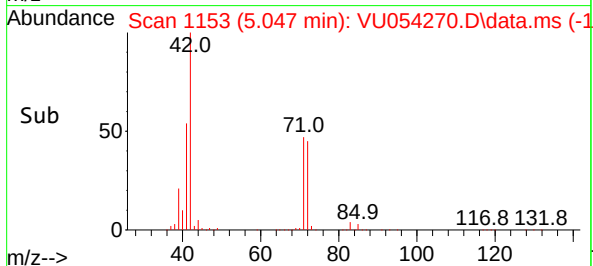
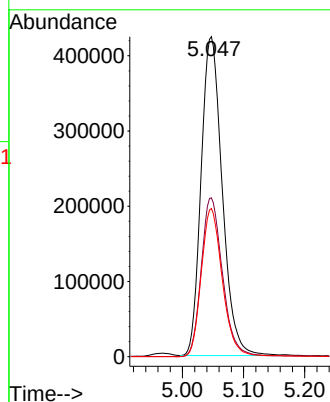
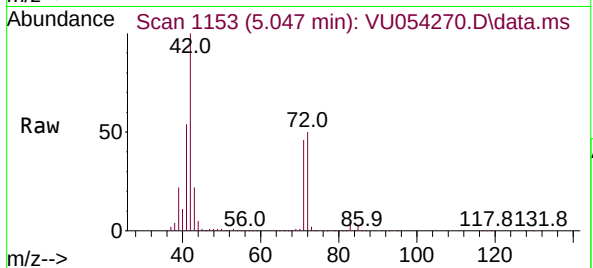
71 46.3 40.3 60.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/26/2023

Supervised By :Mahesh Dadoda 05/30/2023



#30

Chloroform

Concen: 139.037 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. 0.003 min

Lab File: VU054270.D

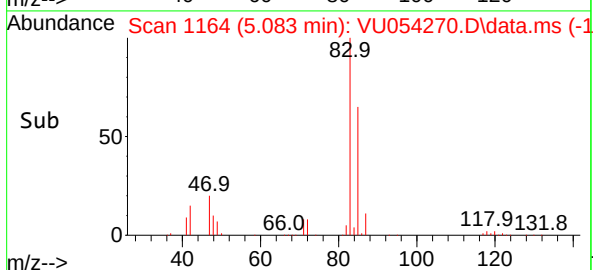
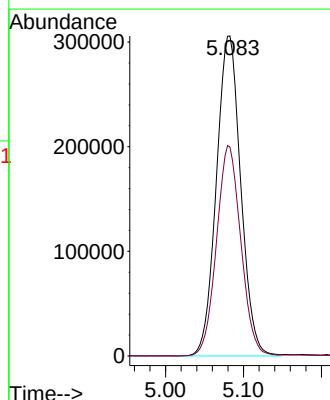
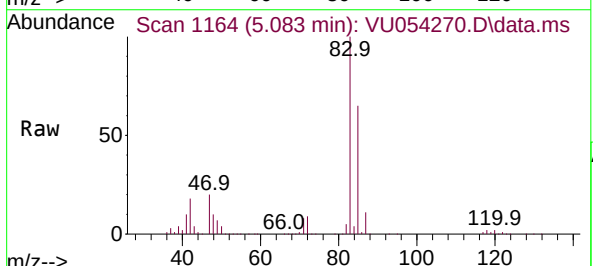
Acq: 25 May 2023 15:59

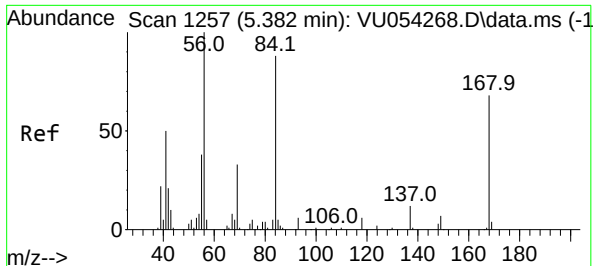
Tgt Ion: 83 Resp: 665681

Ion Ratio Lower Upper

83 100

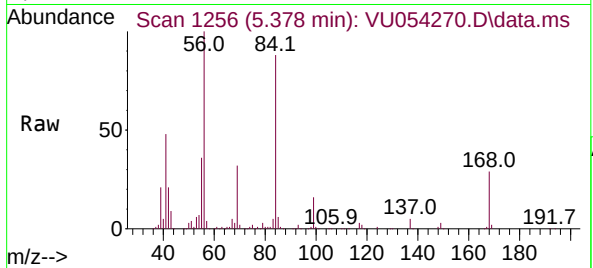
85 65.2 51.2 76.8





#31
Cyclohexane
Concen: 140.258 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.003 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

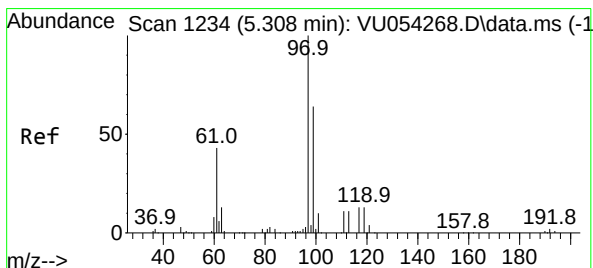
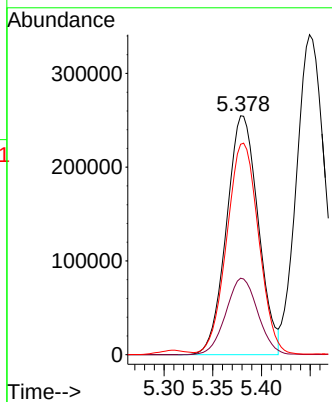
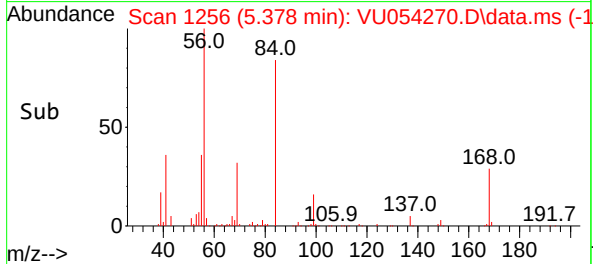
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



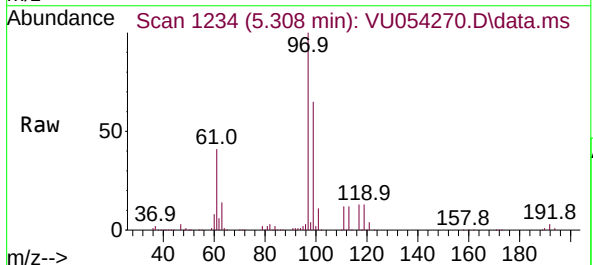
Tgt Ion: 56 Resp: 577700
Ion Ratio Lower Upper
56 100
69 32.0 27.8 41.8
84 86.4 74.2 111.4

Manual Integrations
APPROVED

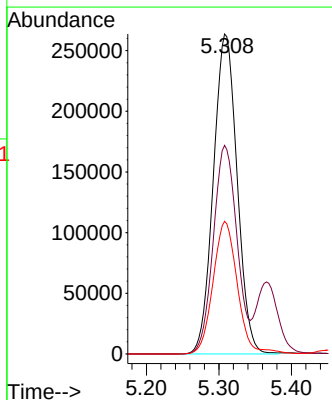
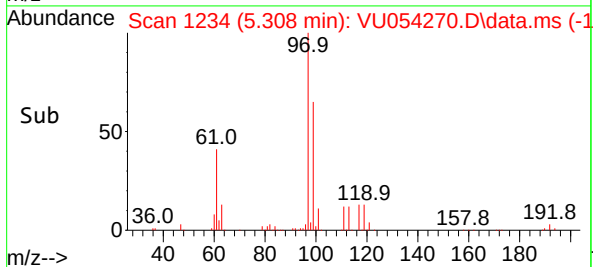
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023

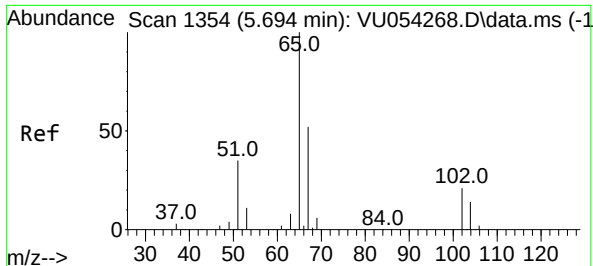


#32
1,1,1-Trichloroethane
Concen: 144.440 ug/l
RT: 5.308 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59



Tgt Ion: 97 Resp: 600379
Ion Ratio Lower Upper
97 100
99 65.2 51.8 77.6
61 42.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 145.893 ug/l

RT: 5.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054270.D

Acq: 25 May 2023 15:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 65 Resp: 42557

Ion Ratio Lower Upper

65 100

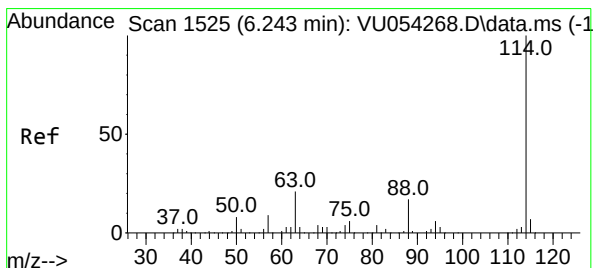
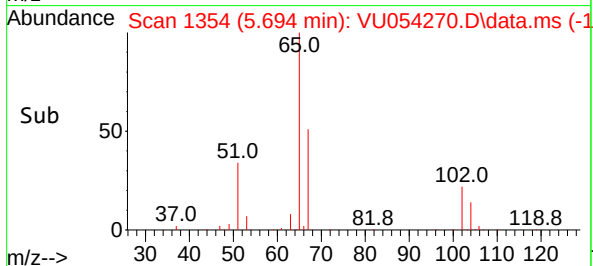
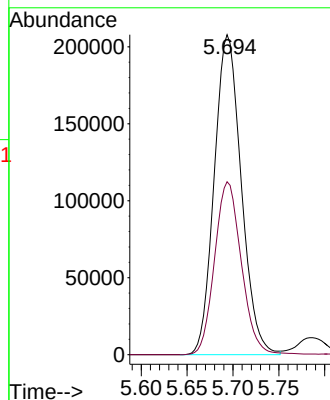
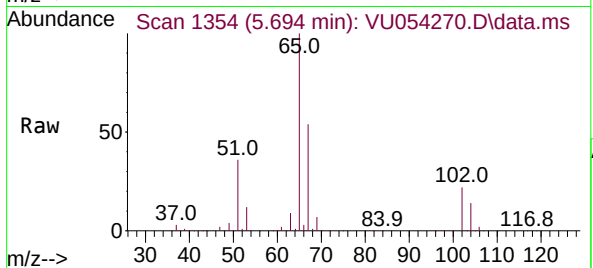
67 53.7 0.0 108.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/26/2023

Supervised By :Mahesh Dadoda 05/30/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.240 min Scan# 1524

Delta R.T. -0.003 min

Lab File: VU054270.D

Acq: 25 May 2023 15:59

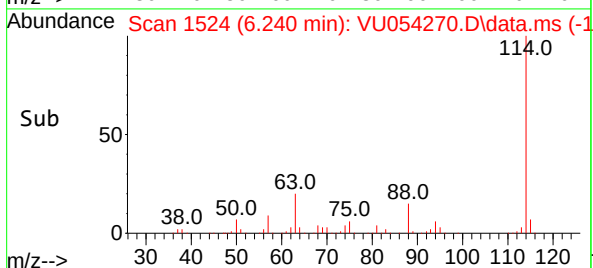
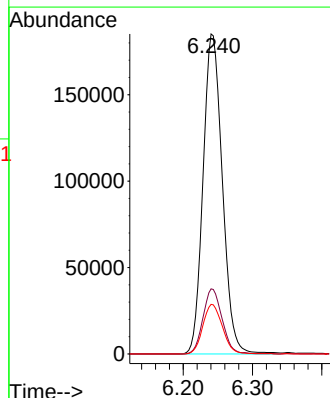
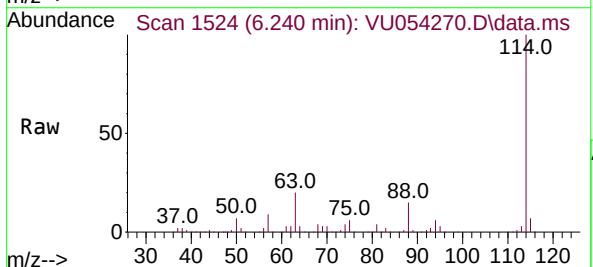
Tgt Ion:114 Resp: 358063

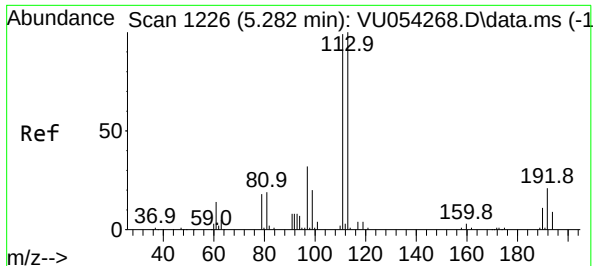
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.8

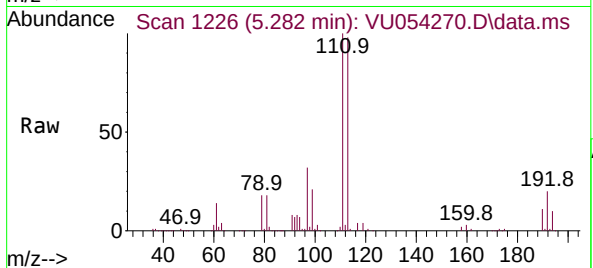
88 15.5 0.0 29.2





#35
Dibromofluoromethane
Concen: 149.439 ug/l
RT: 5.282 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

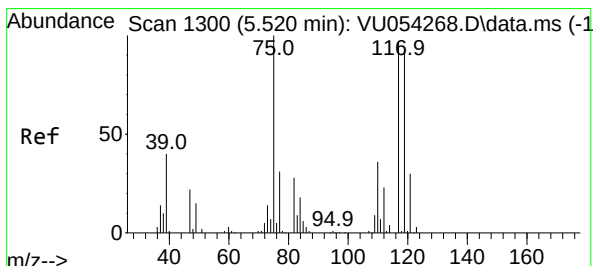
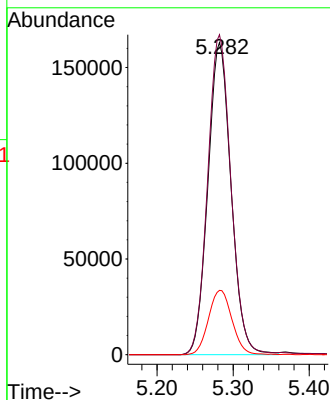
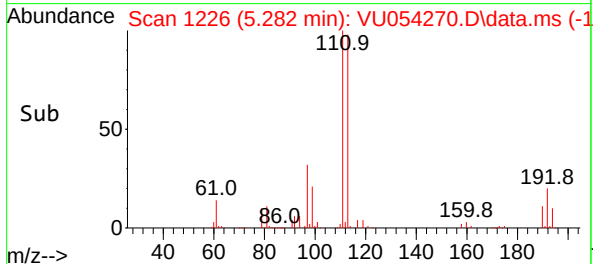
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion:113 Resp: 344584
Ion Ratio Lower Upper
113 100
111 103.1 82.1 123.1
192 20.9 18.0 27.0

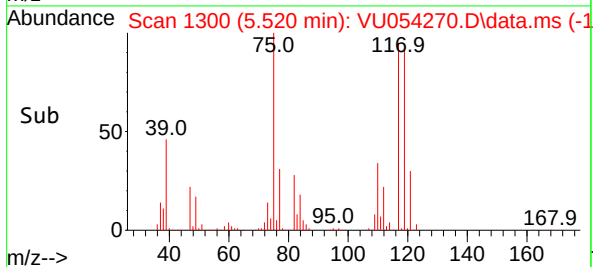
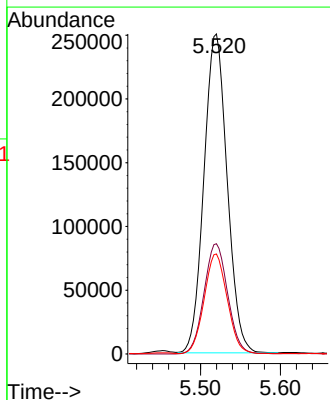
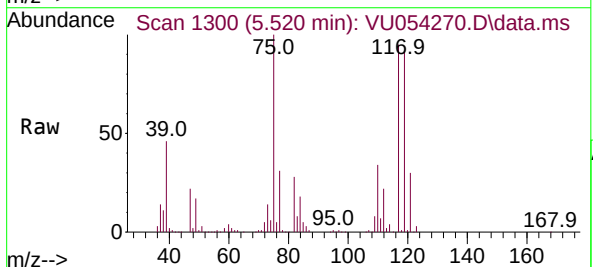
Manual Integrations
APPROVED

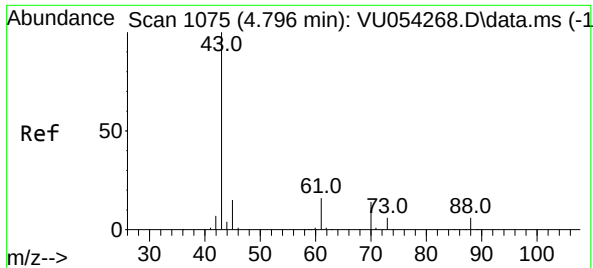
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#36
1,1-Dichloropropene
Concen: 139.513 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

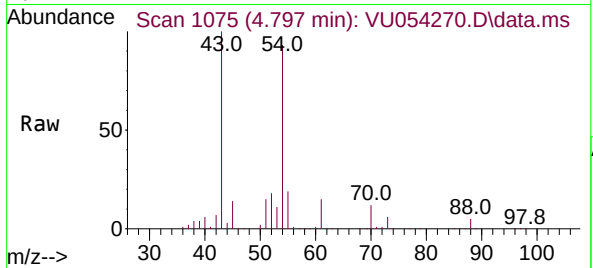
Tgt Ion: 75 Resp: 505277
Ion Ratio Lower Upper
75 100
110 35.3 18.4 55.2
77 31.1 25.1 37.7





#37
Ethyl Acetate
Concen: 139.508 ug/l
RT: 4.797 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

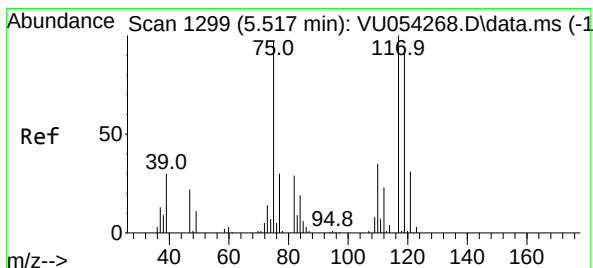
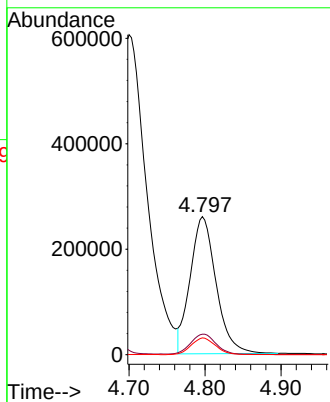
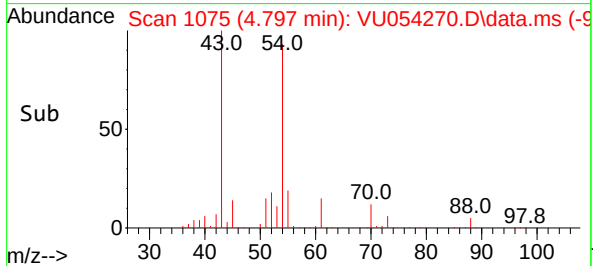
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 615770
Ion Ratio Lower Upper
43 100
61 14.8 9.5 14.3
70 11.6 7.5 11.3

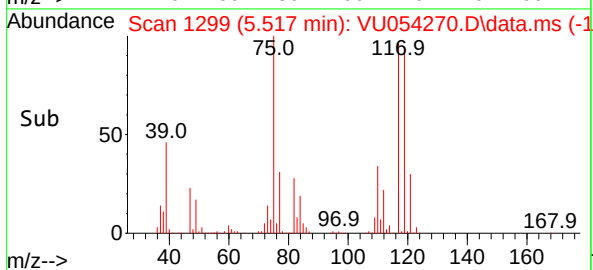
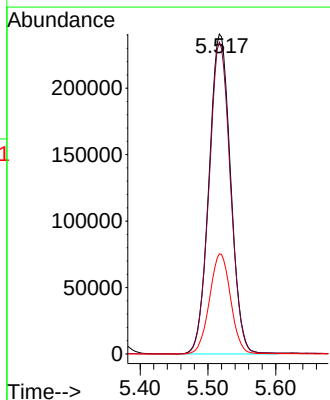
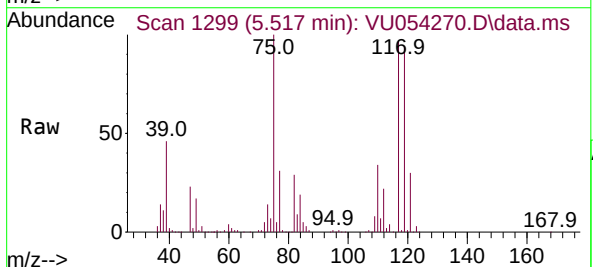
Manual Integrations
APPROVED

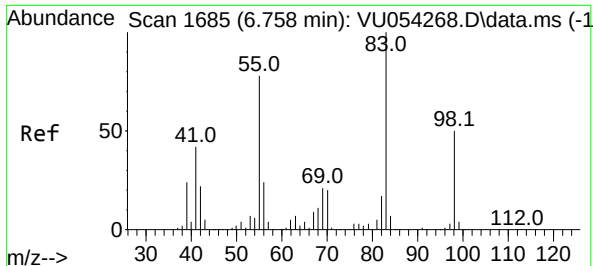
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#38
Carbon Tetrachloride
Concen: 143.623 ug/l
RT: 5.517 min Scan# 1299
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

Tgt Ion:117 Resp: 532410
Ion Ratio Lower Upper
117 100
119 97.4 76.8 115.2
121 31.3 24.7 37.1





#39

Methylcyclohexane

Concen: 151.448 ug/l

RT: 6.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU054270.D

Acq: 25 May 2023 15:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 62126

Ion Ratio Lower Upper

83 100

55 76.2 55.3 82.9

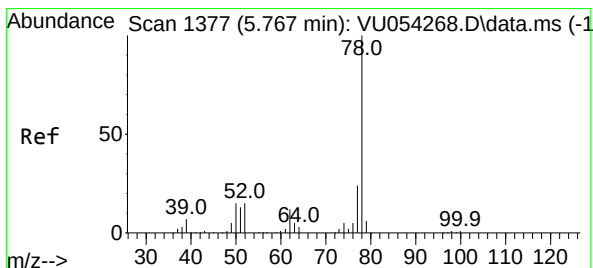
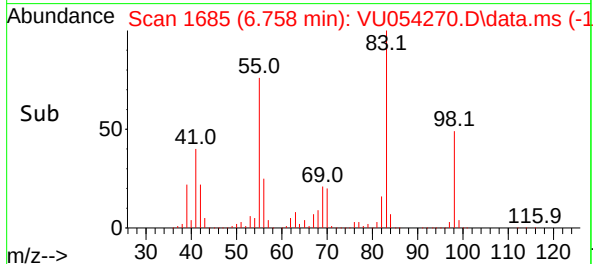
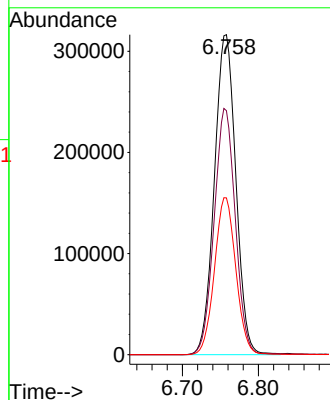
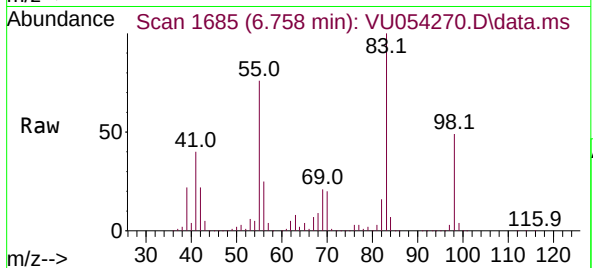
98 49.0 37.3 55.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/26/2023

Supervised By :Mahesh Dadoda 05/30/2023



#40

Benzene

Concen: 144.363 ug/l

RT: 5.768 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VU054270.D

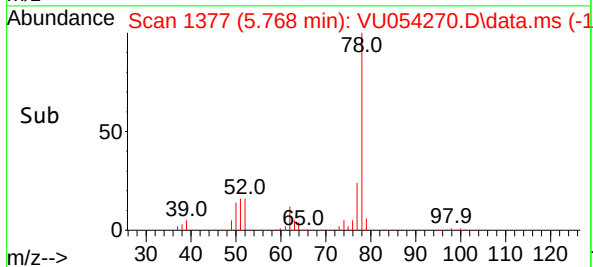
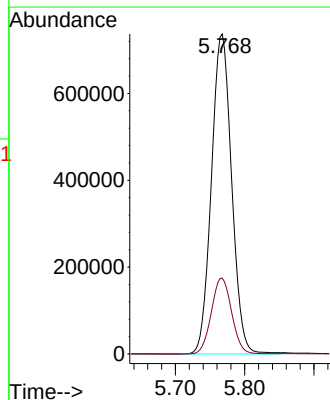
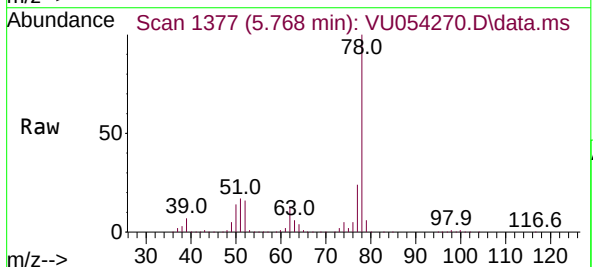
Acq: 25 May 2023 15:59

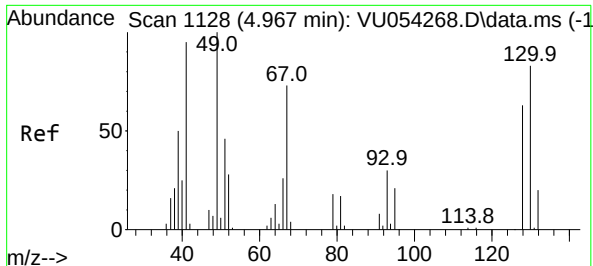
Tgt Ion: 78 Resp: 1491350

Ion Ratio Lower Upper

78 100

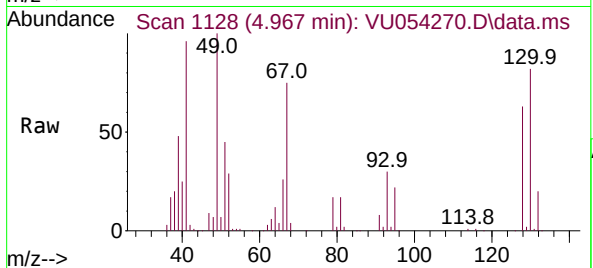
77 23.7 18.8 28.2





#41
Methacrylonitrile
Concen: 158.859 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

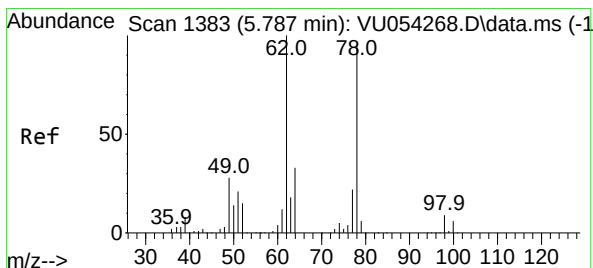
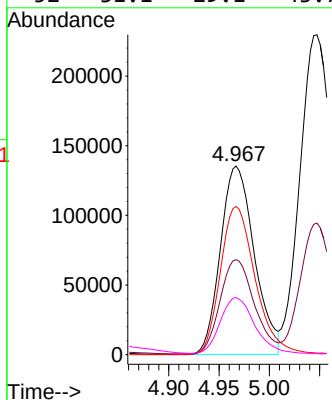
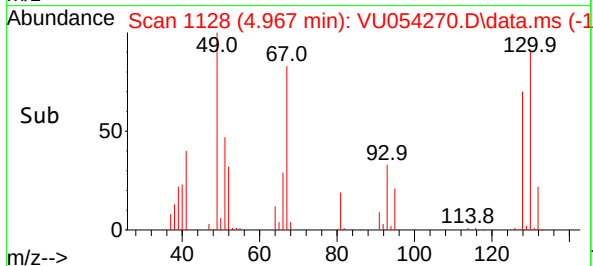
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



Tgt Ion: 41 Resp: 31703
Ion Ratio Lower Upper
41 100
39 50.6 43.1 64.7
67 81.8 72.3 108.5
52 31.1 29.1 43.7

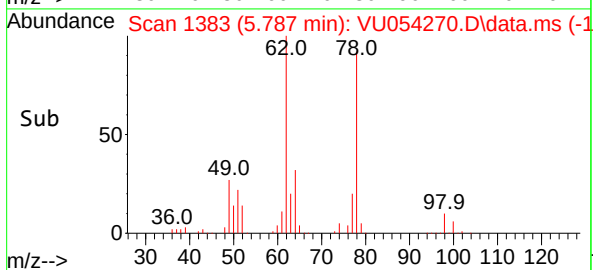
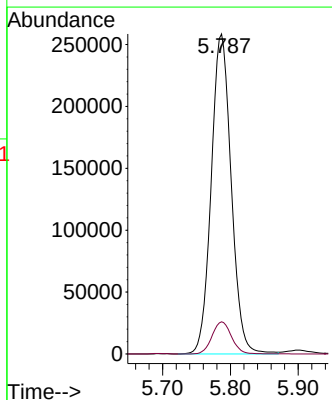
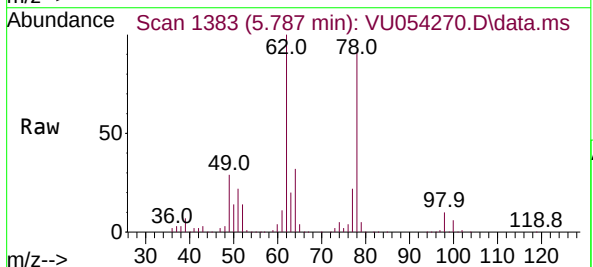
Manual Integrations
APPROVED

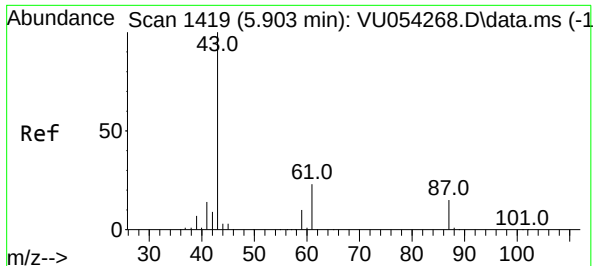
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#42
1,2-Dichloroethane
Concen: 141.130 ug/l
RT: 5.787 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

Tgt Ion: 62 Resp: 529627
Ion Ratio Lower Upper
62 100
98 9.8 0.0 18.6





#43

Isopropyl Acetate

Concen: 149.524 ug/l

RT: 5.906 min Scan# 1419

Delta R.T. 0.003 min

Lab File: VU054270.D

Acq: 25 May 2023 15:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

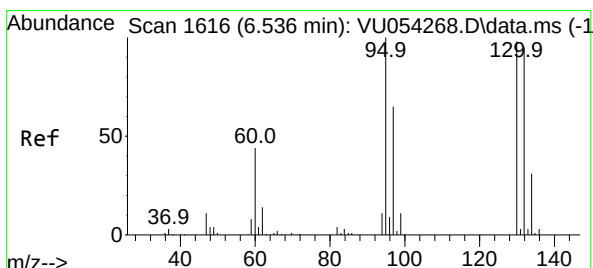
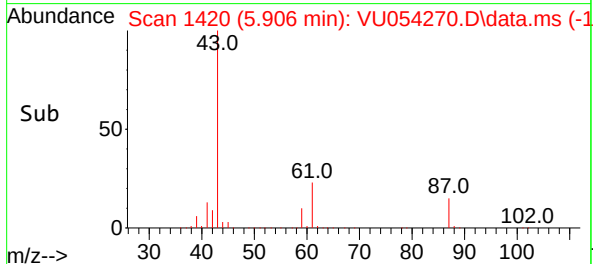
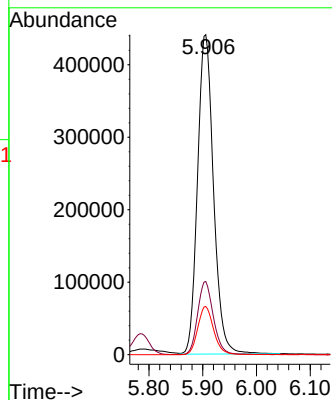
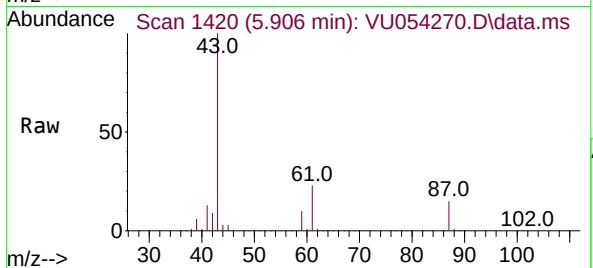
Tgt Ion: 43	Resp: 910330
Ion Ratio	Lower Upper
43	100
61	22.4 17.4 26.0
87	15.0 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/26/2023

Supervised By :Mahesh Dadoda 05/30/2023



#44

Trichloroethene

Concen: 140.659 ug/l

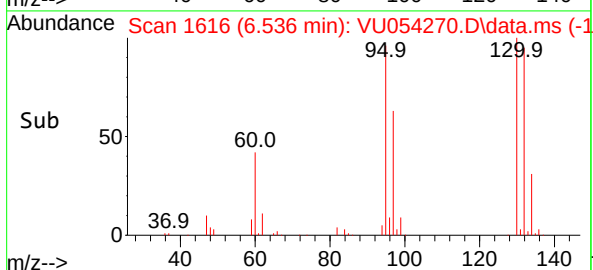
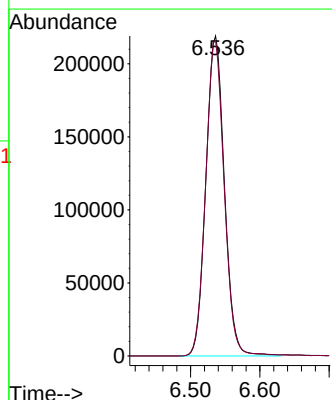
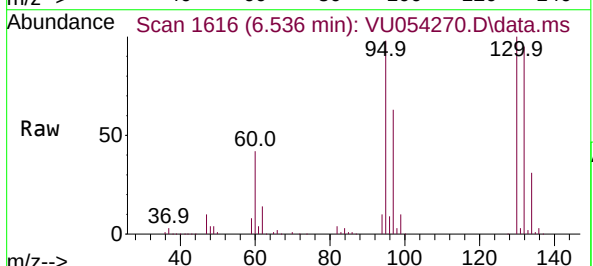
RT: 6.536 min Scan# 1616

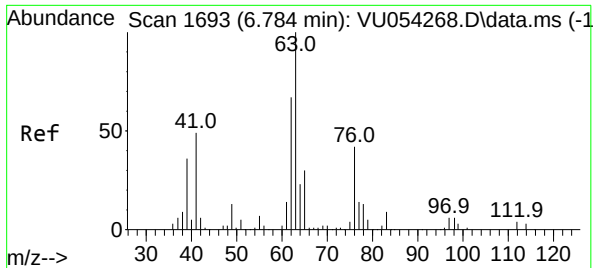
Delta R.T. 0.000 min

Lab File: VU054270.D

Acq: 25 May 2023 15:59

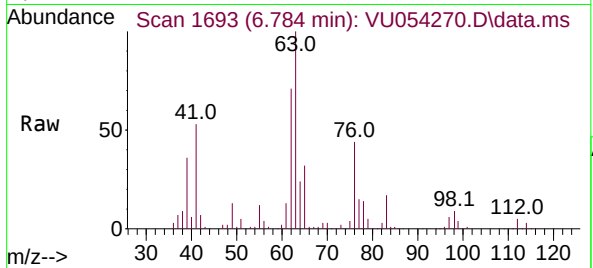
Tgt Ion:130	Resp: 406192
Ion Ratio	Lower Upper
130	100
95	98.5 0.0 184.6





#45
1,2-Dichloropropane
Concen: 146.596 ug/l
RT: 6.784 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

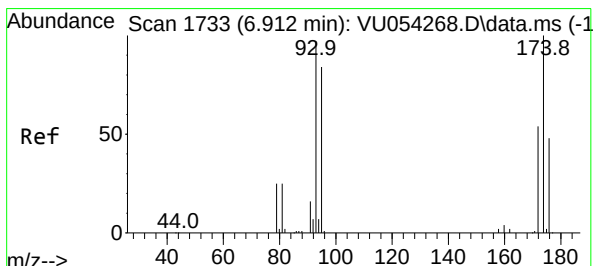
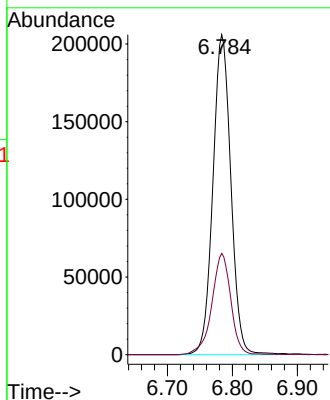
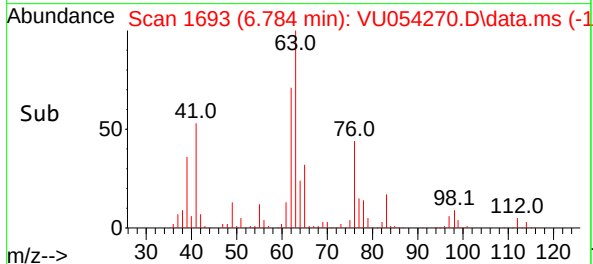
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



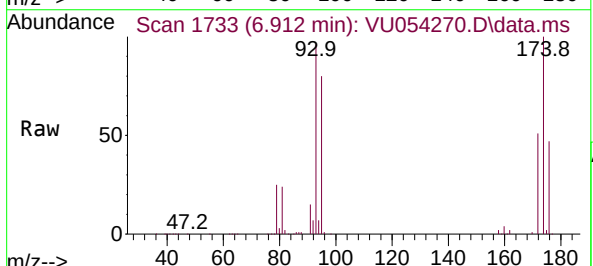
Tgt Ion: 63 Resp: 395069
Ion Ratio Lower Upper
63 100
65 31.6 25.0 37.4

Manual Integrations
APPROVED

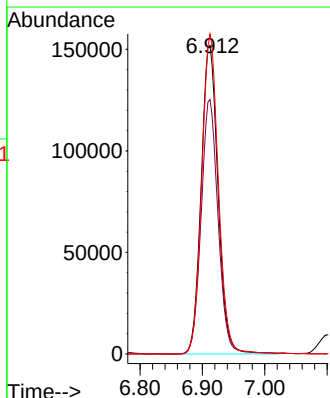
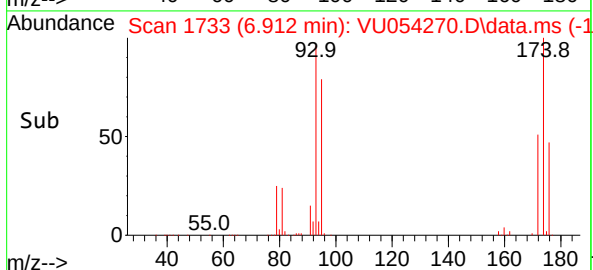
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023

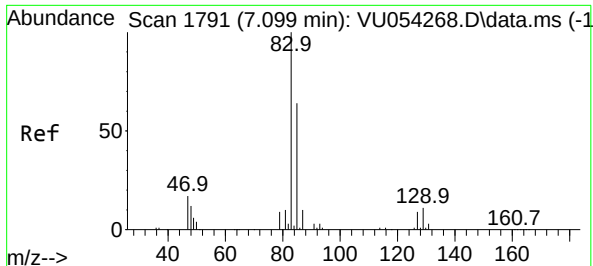


#46
Dibromomethane
Concen: 144.614 ug/l
RT: 6.912 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59



Tgt Ion: 93 Resp: 286876
Ion Ratio Lower Upper
93 100
95 82.5 66.3 99.5
174 102.2 88.2 132.4





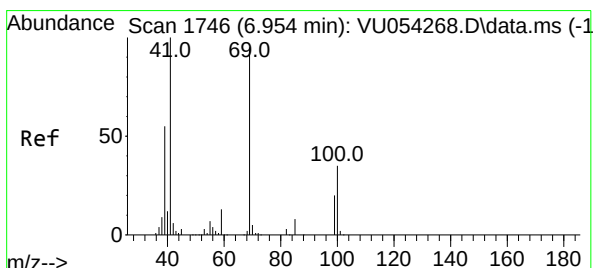
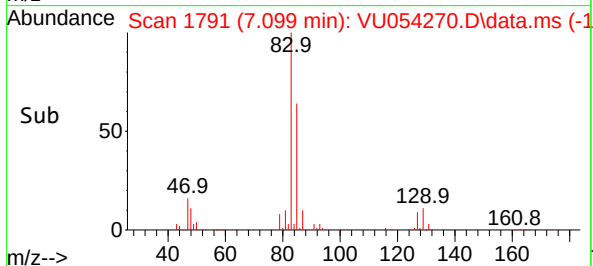
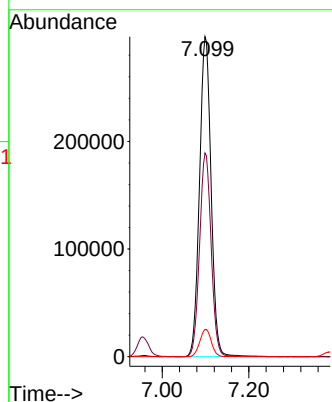
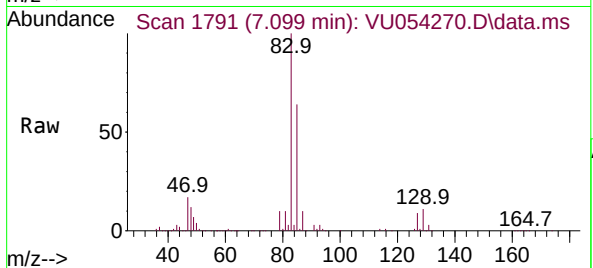
#47
Bromodichloromethane
Concen: 148.234 ug/l
RT: 7.099 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 54992
Ion Ratio Lower Upper
83 100
85 63.7 51.4 77.2
127 8.5 7.1 10.7

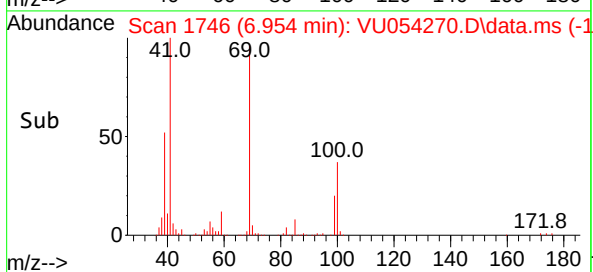
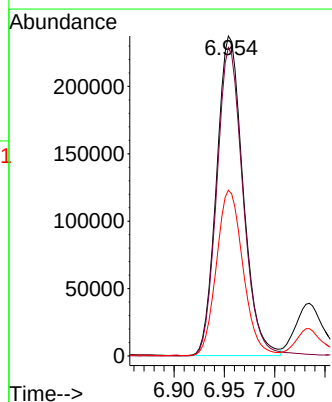
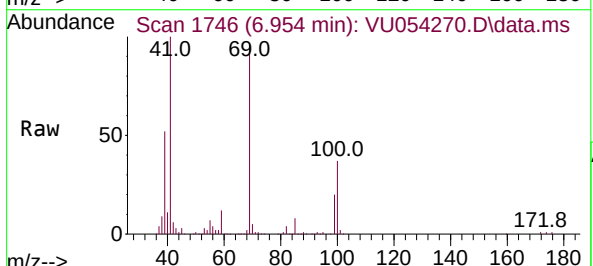
Manual Integrations
APPROVED

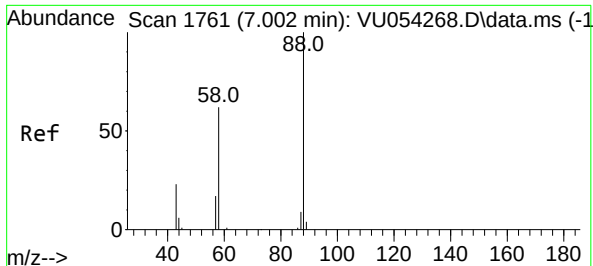
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#48
Methyl methacrylate
Concen: 161.195 ug/l
RT: 6.954 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

Tgt Ion: 41 Resp: 435220
Ion Ratio Lower Upper
41 100
69 96.0 79.8 119.6
39 51.6 47.9 71.9





#49

1,4-Dioxane

Concen: 2840.275 ug/l

RT: 6.996 min Scan# 1759

Delta R.T. -0.006 min

Lab File: VU054270.D

Acq: 25 May 2023 15:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 88 Resp: 22138

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

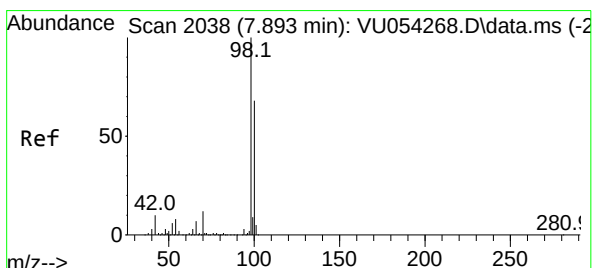
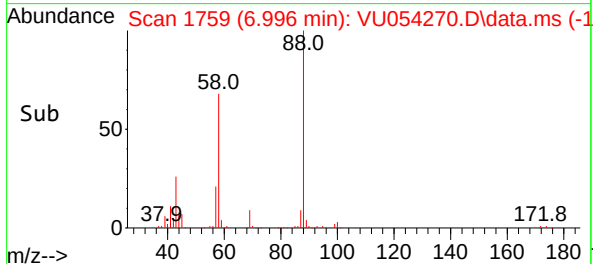
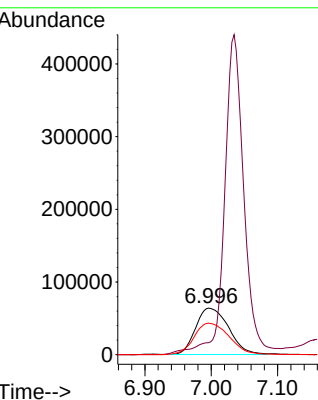
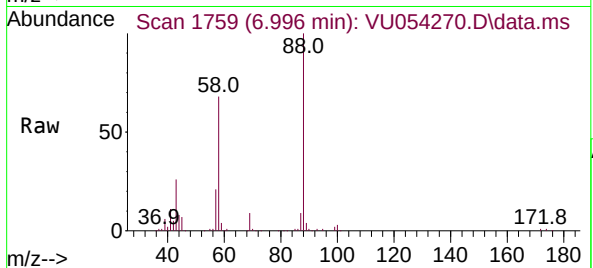
58 72.5 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/26/2023

Supervised By :Mahesh Dadoda 05/30/2023



#50

Toluene-d8

Concen: 150.573 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. 0.000 min

Lab File: VU054270.D

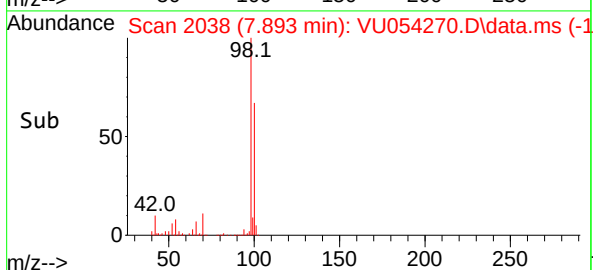
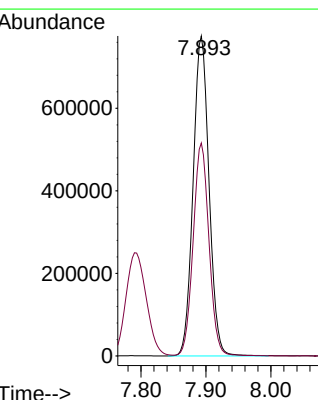
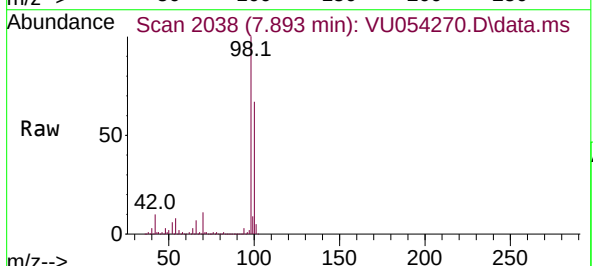
Acq: 25 May 2023 15:59

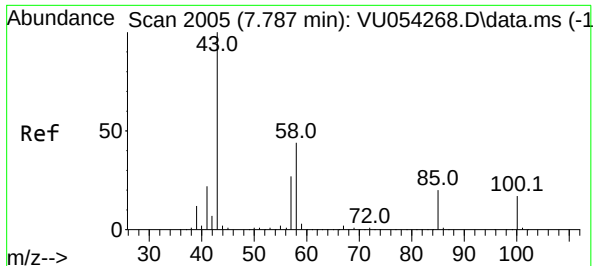
Tgt Ion: 98 Resp: 1320626

Ion Ratio Lower Upper

98 100

100 66.2 51.7 77.5





#51
4-Methyl-2-Pentanone
Concen: 763.001 ug/l
RT: 7.790 min Scan# 2006
Delta R.T. 0.003 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

Instrument :

MSVOA_U

ClientSampleId :

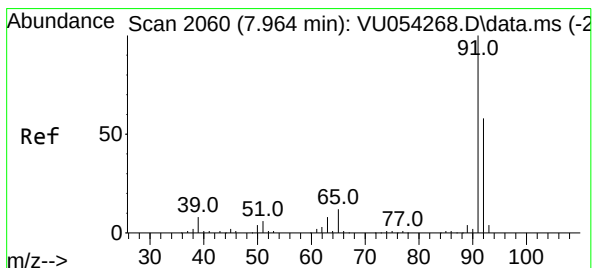
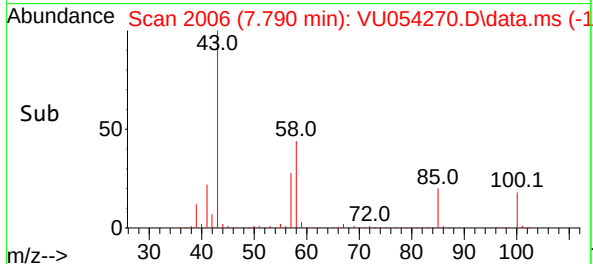
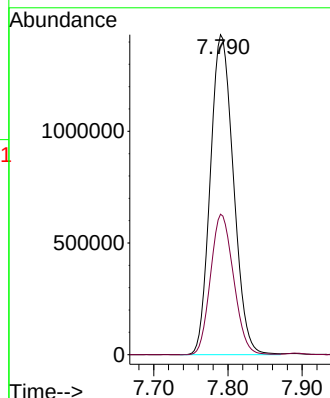
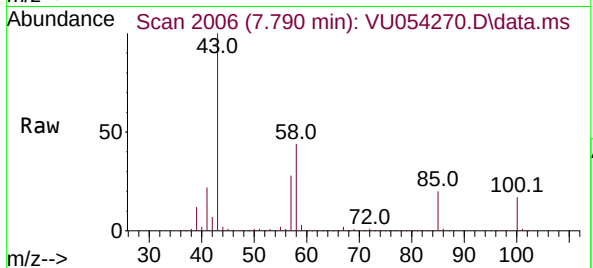
VSTDIC150

Tgt Ion: 43 Resp: 310001
Ion Ratio Lower Upper
43 100
58 43.7 34.7 52.1

Manual Integrations

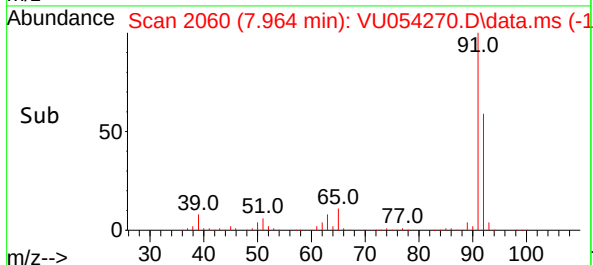
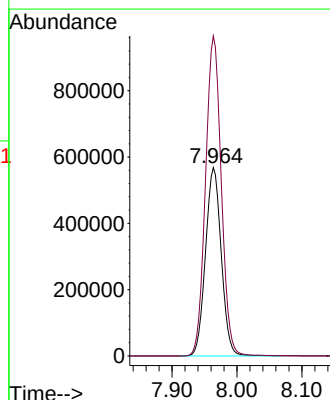
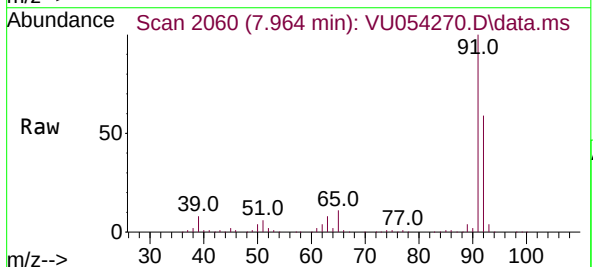
APPROVED

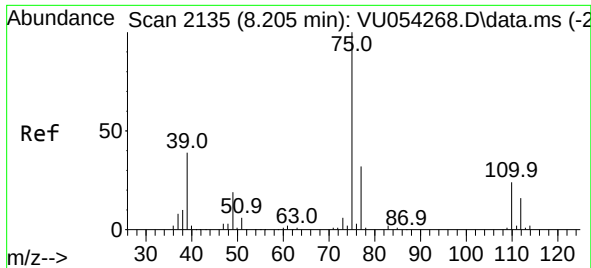
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#52
Toluene
Concen: 145.549 ug/l
RT: 7.964 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

Tgt Ion: 92 Resp: 958748
Ion Ratio Lower Upper
92 100
91 170.3 138.2 207.4





#53
 t-1,3-Dichloropropene
 Concen: 156.620 ug/l
 RT: 8.205 min Scan# 2135
 Delta R.T. 0.000 min
 Lab File: VU054270.D
 Acq: 25 May 2023 15:59

Instrument :

MSVOA_U

ClientSampleId :

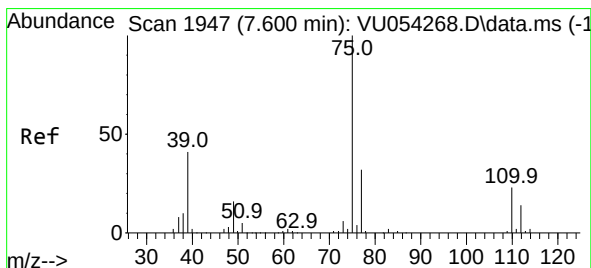
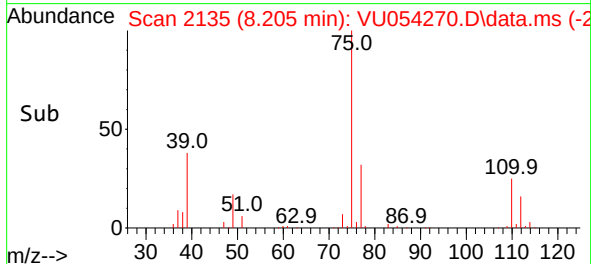
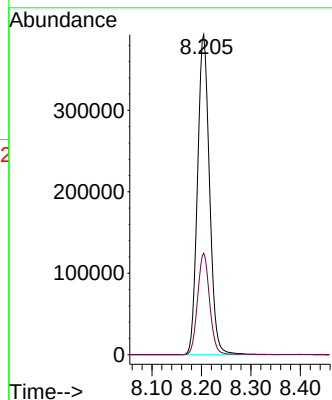
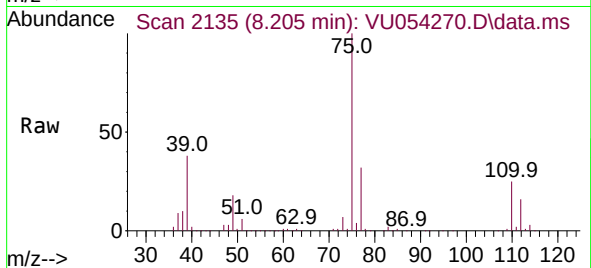
VSTDICC150

Tgt Ion: 75 Resp: 66475
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0

Manual Integrations

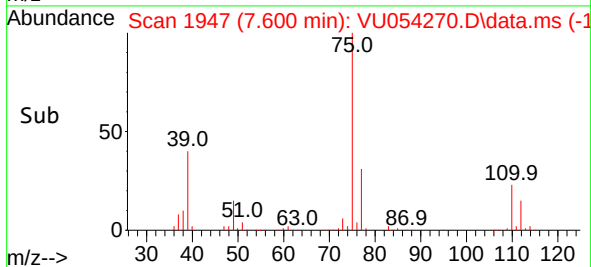
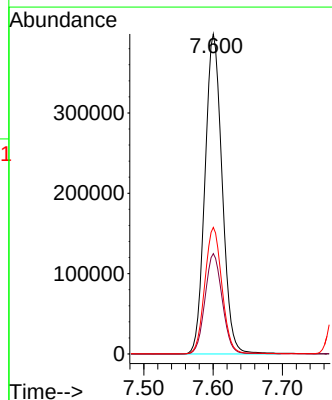
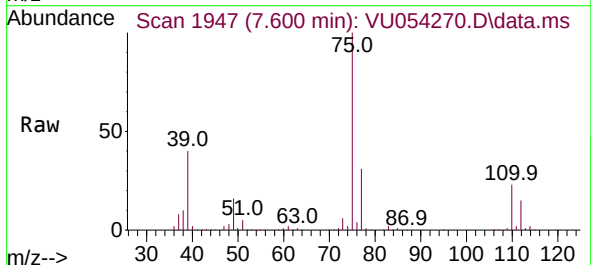
APPROVED

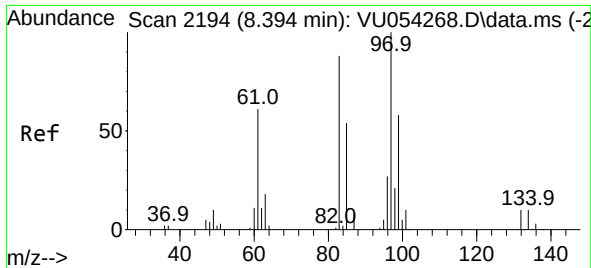
Reviewed By :Krupa Patel 05/26/2023
 Supervised By :Mahesh Dadoda 05/30/2023



#54
 cis-1,3-Dichloropropene
 Concen: 154.437 ug/l
 RT: 7.600 min Scan# 1947
 Delta R.T. 0.000 min
 Lab File: VU054270.D
 Acq: 25 May 2023 15:59

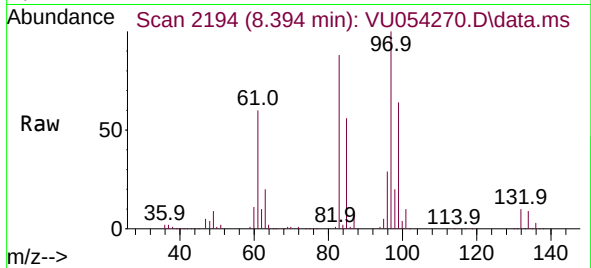
Tgt Ion: 75 Resp: 684067
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.7 38.5
 39 39.5 33.0 49.6





#55
1,1,2-Trichloroethane
Concen: 143.524 ug/l
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

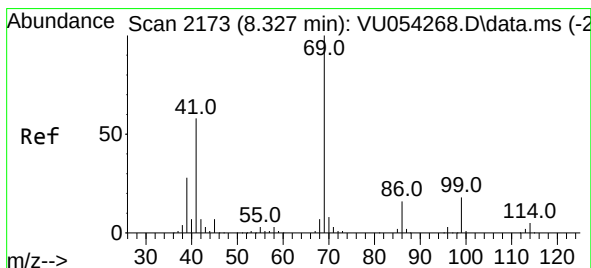
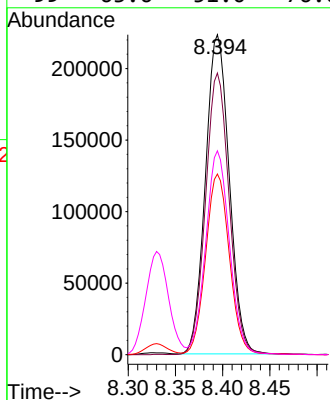
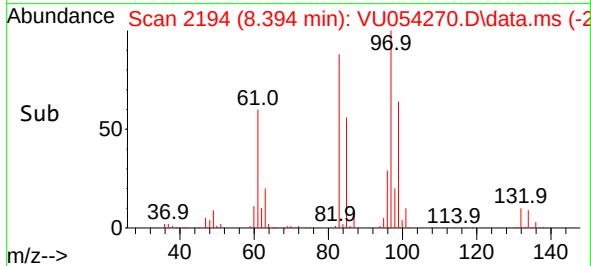
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



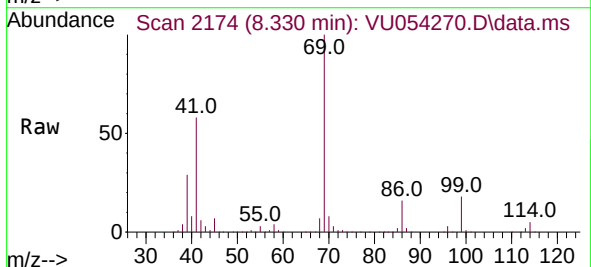
Tgt Ion: 97 Resp: 391799
Ion Ratio Lower Upper
97 100
83 88.1 70.2 105.4
85 56.3 44.6 66.8
99 63.6 51.0 76.6

Manual Integrations
APPROVED

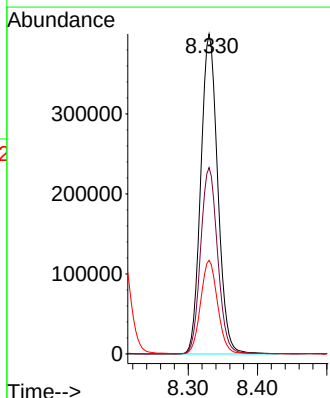
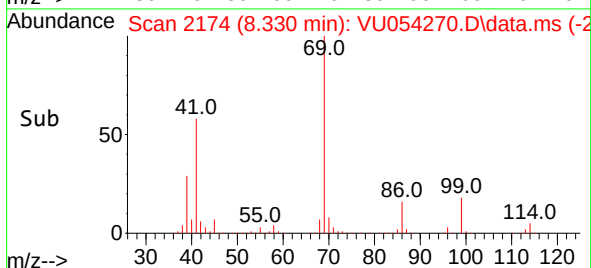
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023

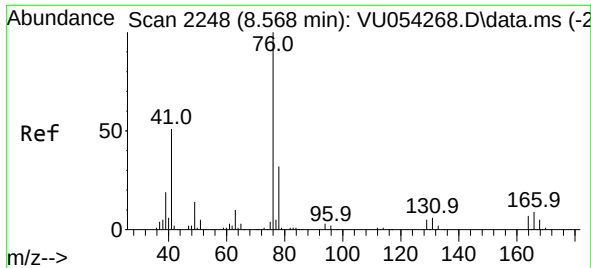


#56
Ethyl methacrylate
Concen: 167.039 ug/l
RT: 8.330 min Scan# 2174
Delta R.T. 0.003 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59



Tgt Ion: 69 Resp: 678762
Ion Ratio Lower Upper
69 100
41 58.6 45.4 68.0
39 29.1 25.7 38.5





#57

1,3-Dichloropropane

Concen: 147.451 ug/l

RT: 8.568 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054270.D

Acq: 25 May 2023 15:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 69318

Ion Ratio Lower Upper

76 100

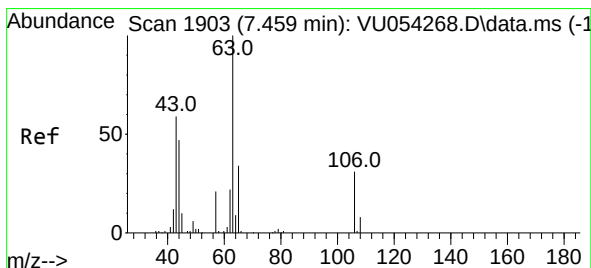
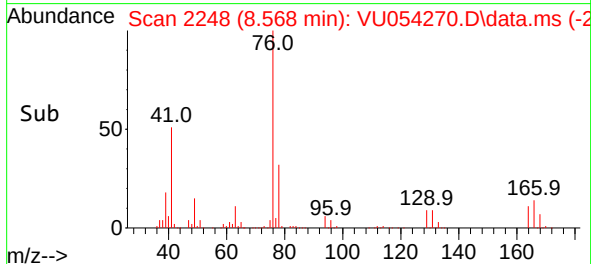
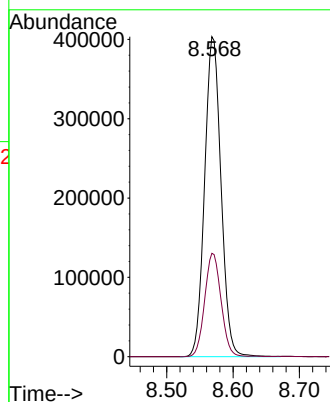
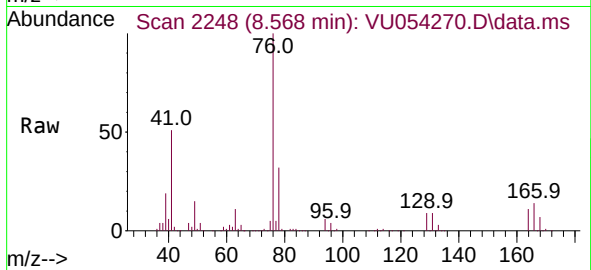
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/26/2023

Supervised By :Mahesh Dadoda 05/30/2023



#58

2-Chloroethyl Vinyl ether

Concen: 1068.941 ug/l

RT: 7.456 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VU054270.D

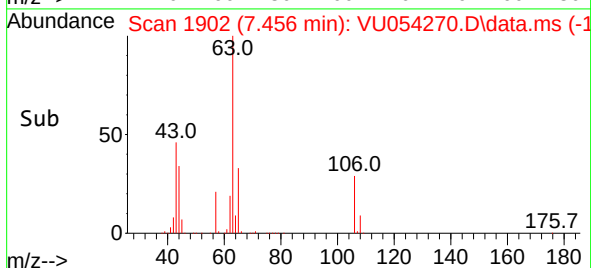
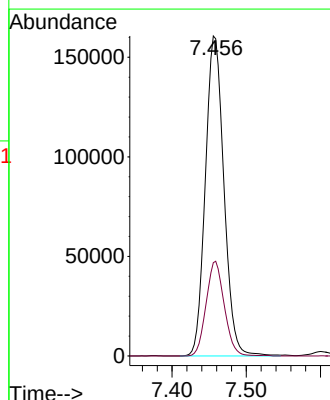
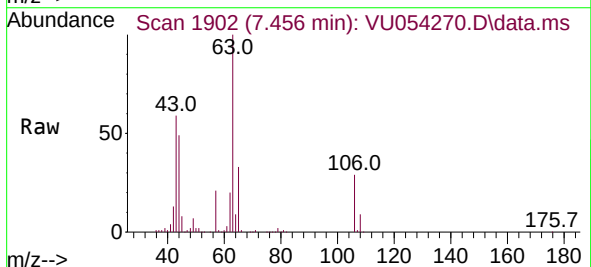
Acq: 25 May 2023 15:59

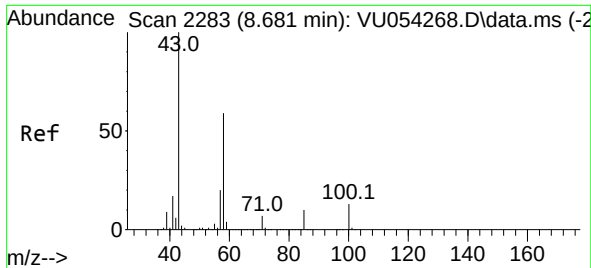
Tgt Ion: 63 Resp: 278490

Ion Ratio Lower Upper

63 100

106 28.9 23.1 34.7





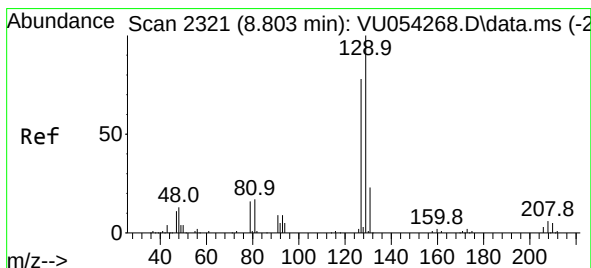
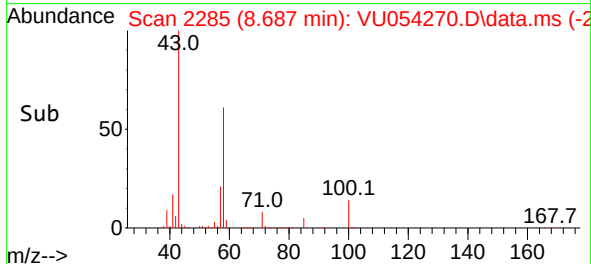
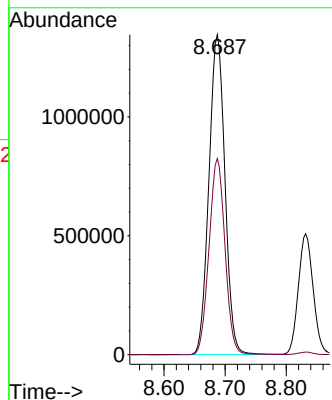
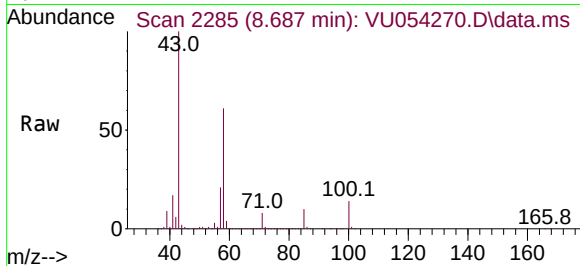
#59
2-Hexanone
Concen: 763.003 ug/l
RT: 8.687 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 244886
Ion Ratio Lower Upper
43 100
58 61.1 30.3 90.8

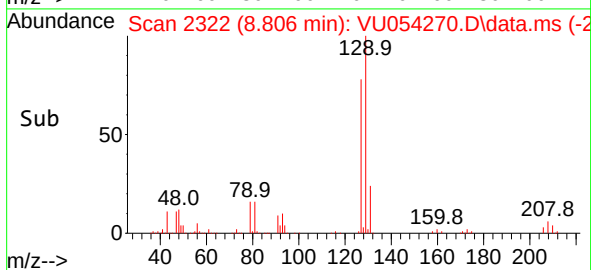
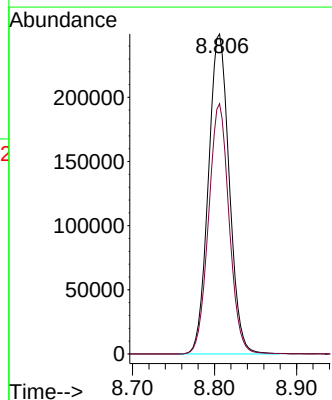
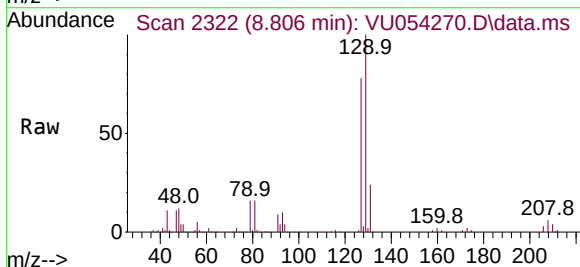
Manual Integrations
APPROVED

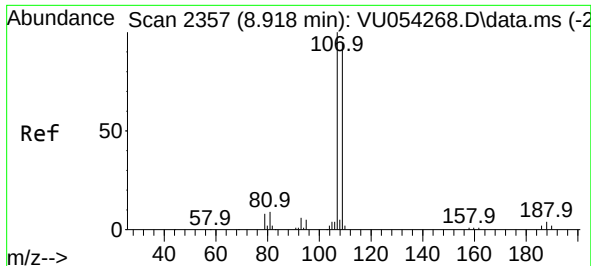
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#60
Dibromochloromethane
Concen: 159.133 ug/l
RT: 8.806 min Scan# 2322
Delta R.T. 0.003 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

Tgt Ion:129 Resp: 441356
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





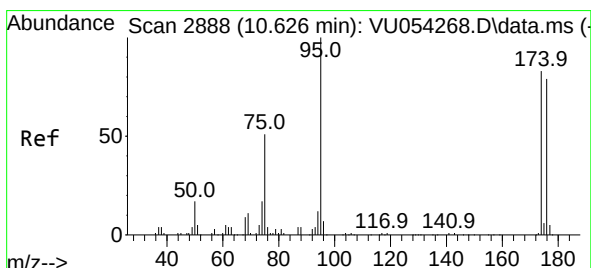
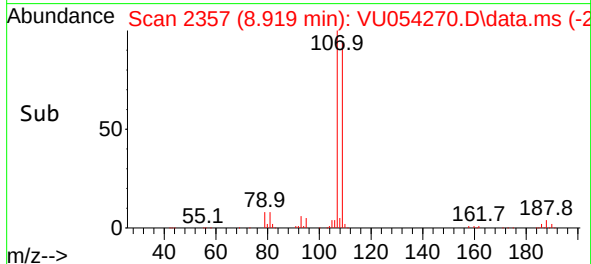
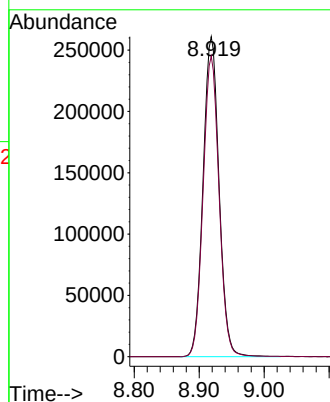
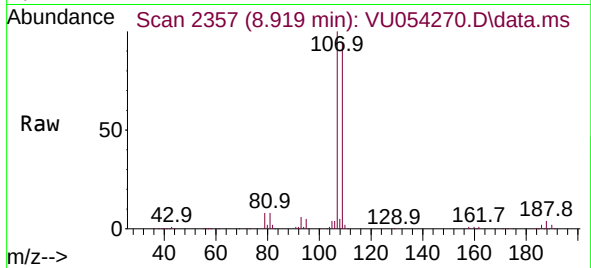
#61
1,2-Dibromoethane
Concen: 150.799 ug/l
RT: 8.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150

Tgt Ion:107 Resp: 44802
Ion Ratio Lower Upper
107 100
109 93.6 75.1 112.7

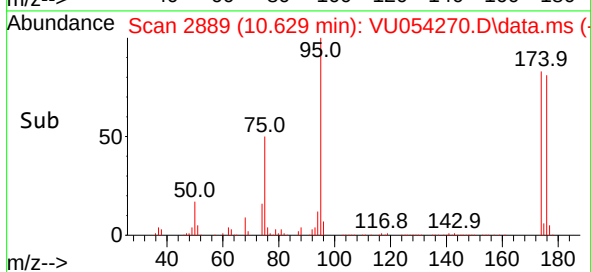
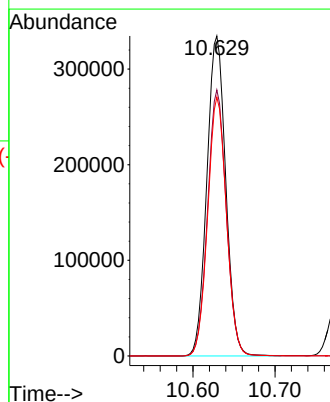
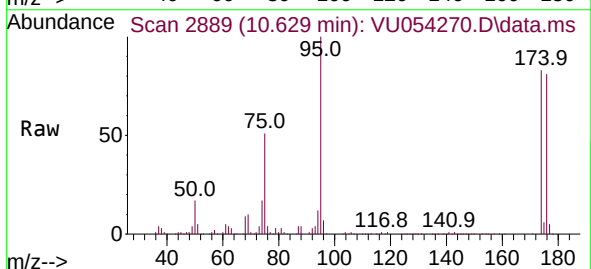
Manual Integrations
APPROVED

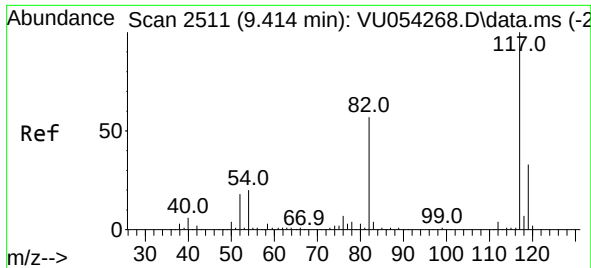
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#62
4-Bromofluorobenzene
Concen: 157.279 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

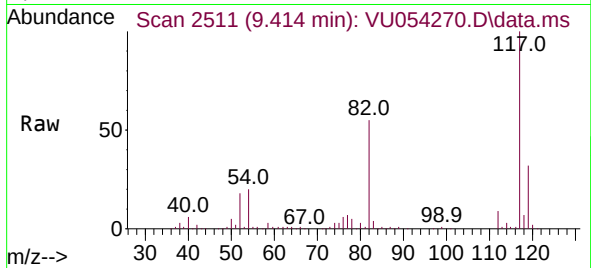
Tgt Ion: 95 Resp: 534873
Ion Ratio Lower Upper
95 100
174 82.3 0.0 182.0
176 80.2 0.0 177.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

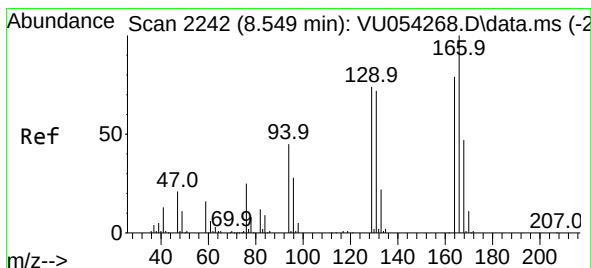
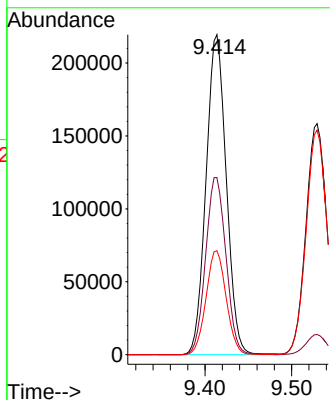
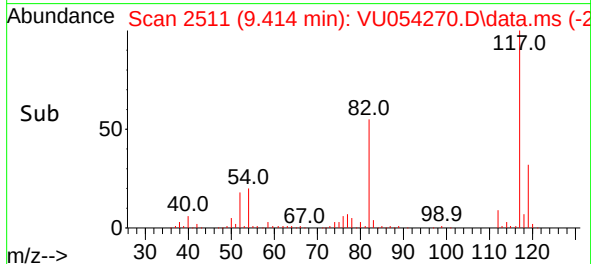
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 35644
Ion Ratio Lower Upper
117 100
82 55.4 41.7 62.5
119 32.5 25.7 38.5

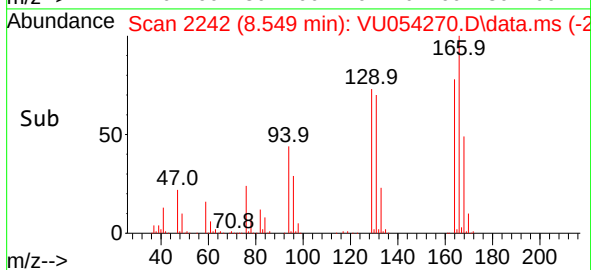
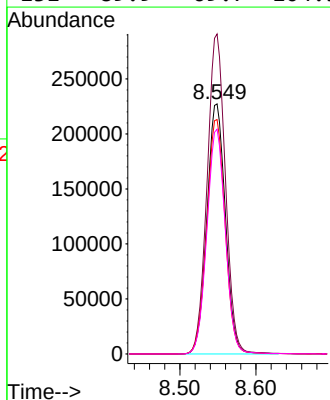
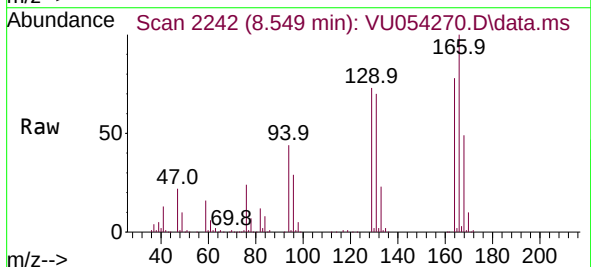
Manual Integrations
APPROVED

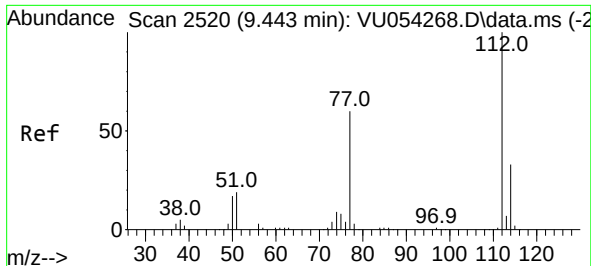
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#64
Tetrachloroethene
Concen: 143.577 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

Tgt Ion:164 Resp: 385168
Ion Ratio Lower Upper
164 100
166 127.9 100.0 150.0
129 93.7 72.0 108.0
131 89.9 69.7 104.5





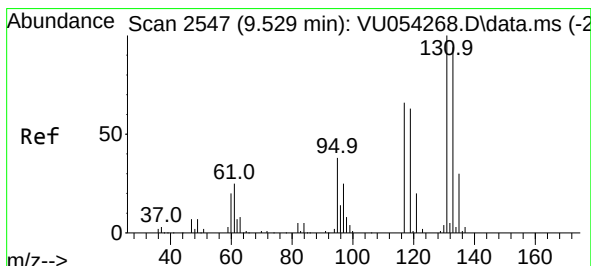
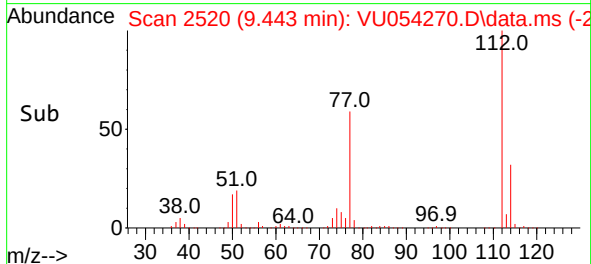
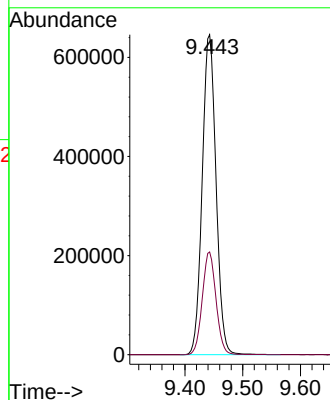
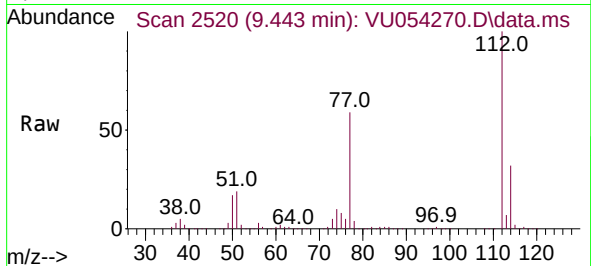
#65
Chlorobenzene
Concen: 143.681 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 107064
Ion Ratio Lower Upper
112 100
114 32.1 24.9 37.3

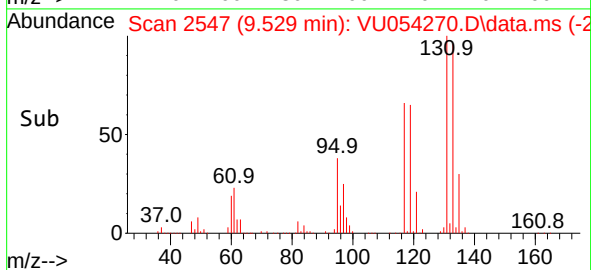
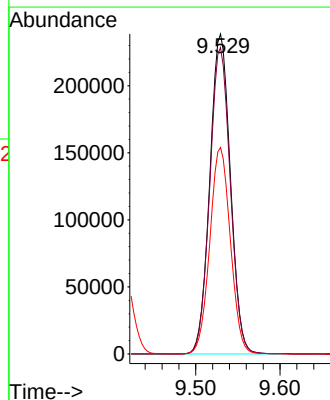
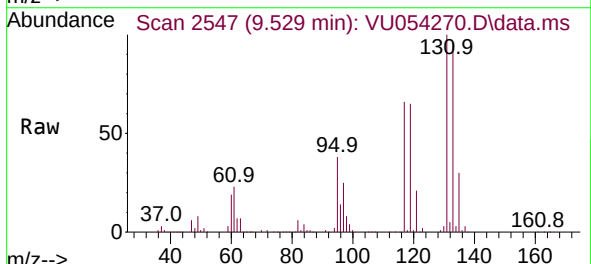
Manual Integrations
APPROVED

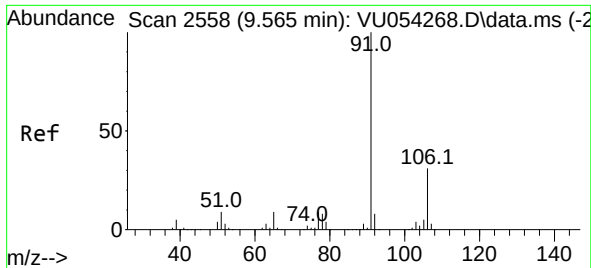
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 149.588 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

Tgt Ion:131 Resp: 404375
Ion Ratio Lower Upper
131 100
133 95.8 48.4 145.0
119 64.6 33.9 101.6





#67

Ethyl Benzene

Concen: 150.797 ug/l

RT: 9.565 min Scan# 2558

Delta R.T. 0.000 min

Lab File: VU054270.D

Acq: 25 May 2023 15:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 1921094

Ion Ratio Lower Upper

91 100

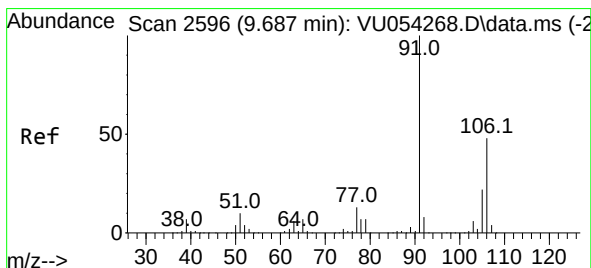
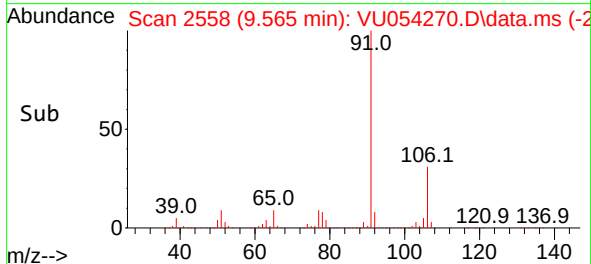
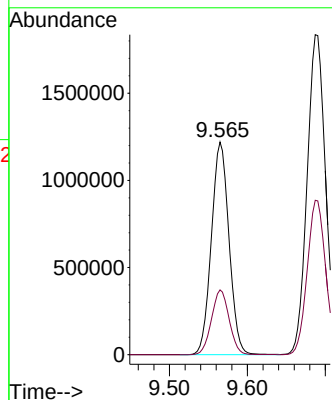
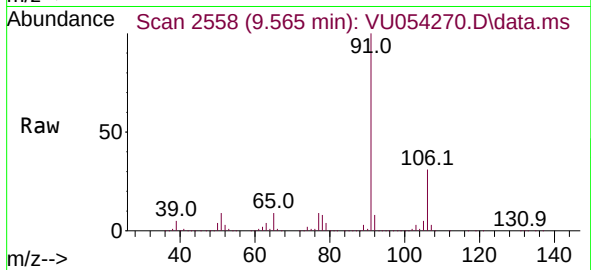
106 30.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/26/2023

Supervised By :Mahesh Dadoda 05/30/2023



#68

m/p-Xylenes

Concen: 302.456 ug/l

RT: 9.687 min Scan# 2596

Delta R.T. 0.000 min

Lab File: VU054270.D

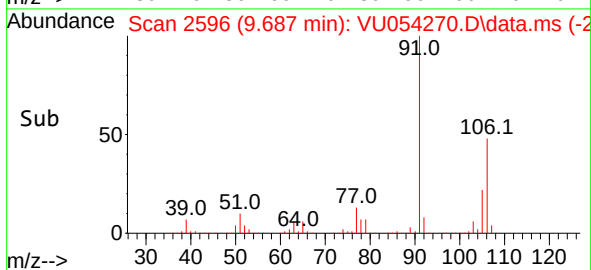
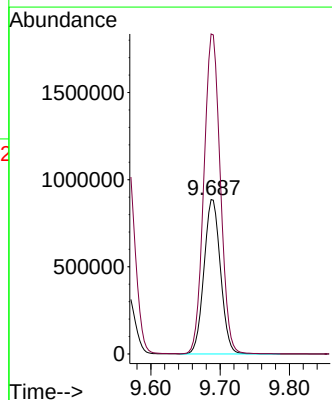
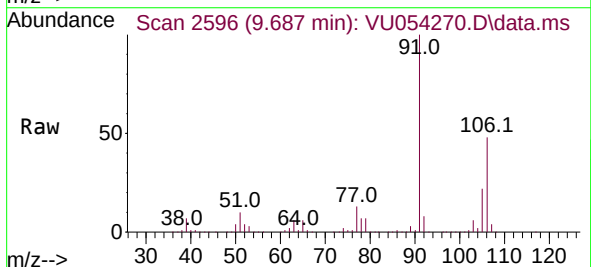
Acq: 25 May 2023 15:59

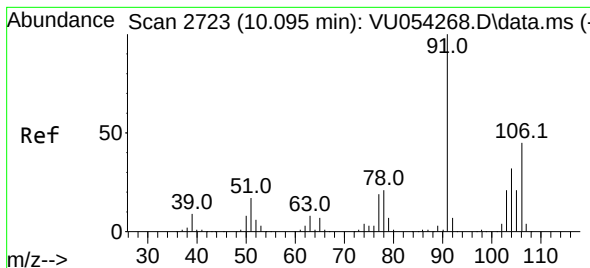
Tgt Ion:106 Resp: 1460530

Ion Ratio Lower Upper

106 100

91 207.2 157.2 235.8





#69

o-Xylene

Concen: 153.870 ug/l

RT: 10.095 min Scan# 2723

Delta R.T. 0.000 min

Lab File: VU054270.D

Acq: 25 May 2023 15:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion:106 Resp: 71927

Ion Ratio Lower Upper

106 100

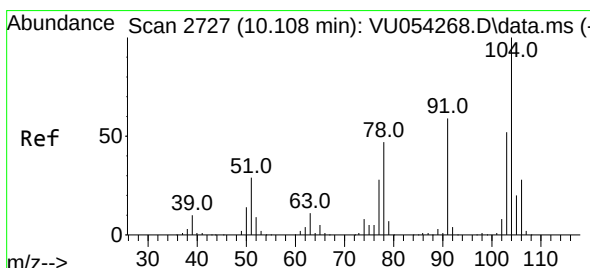
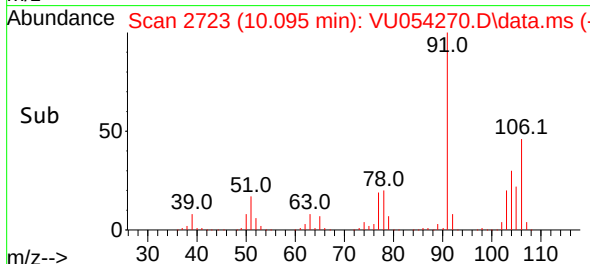
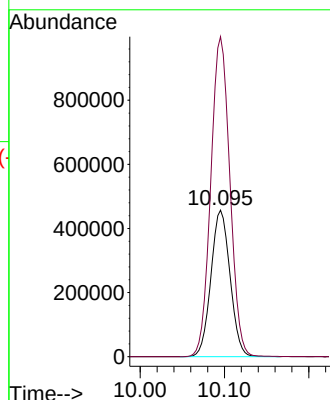
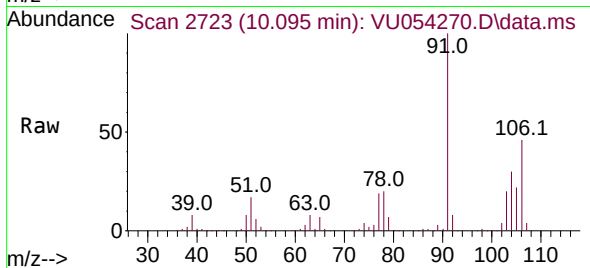
91 218.5 103.5 310.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/26/2023

Supervised By :Mahesh Dadoda 05/30/2023



#70

Styrene

Concen: 159.447 ug/l

RT: 10.108 min Scan# 2727

Delta R.T. 0.000 min

Lab File: VU054270.D

Acq: 25 May 2023 15:59

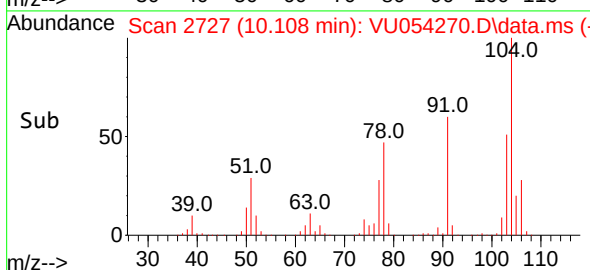
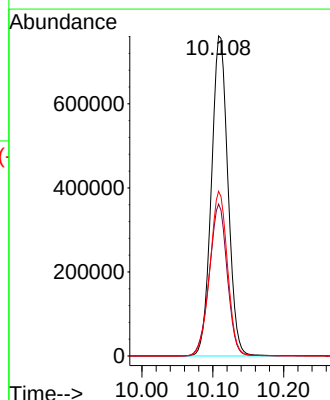
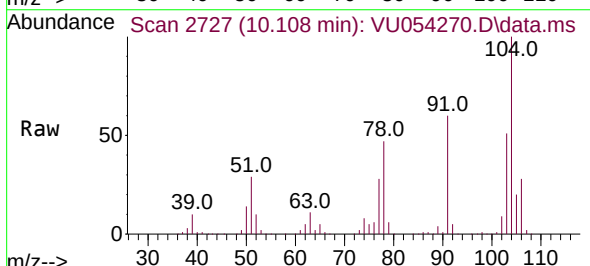
Tgt Ion:104 Resp: 1236051

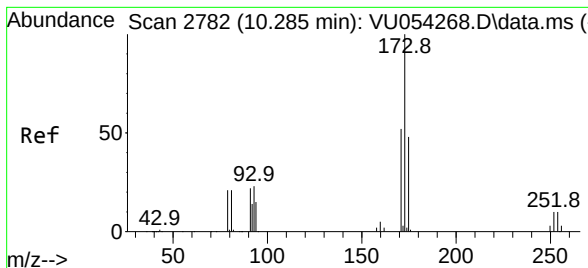
Ion Ratio Lower Upper

104 100

78 51.3 38.0 57.0

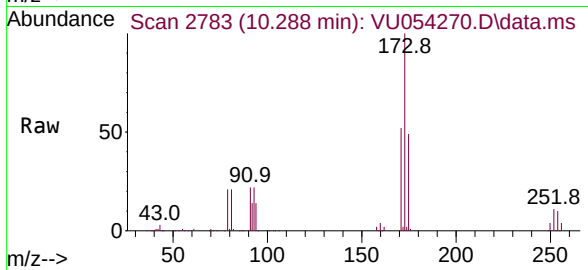
103 54.8 43.9 65.9





#71
Bromoform
Concen: 161.442 ug/l
RT: 10.288 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

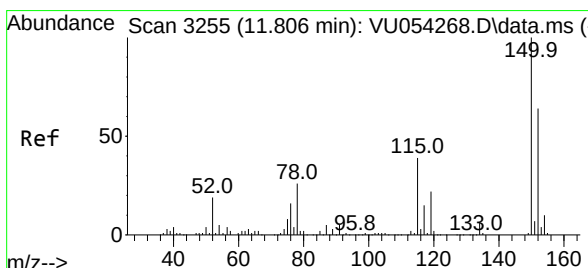
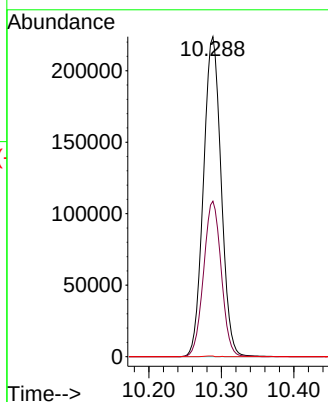
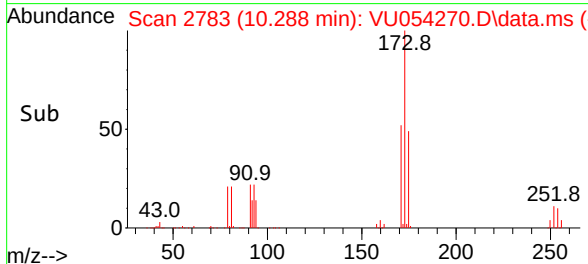
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



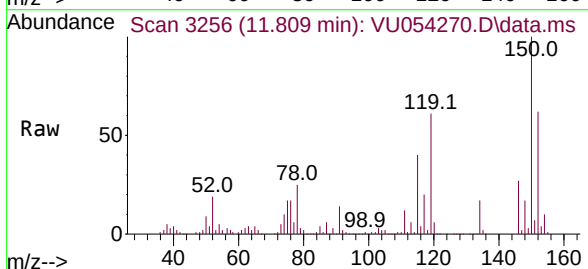
Tgt Ion:173 Resp: 379244
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.2
254 0.1 0.1 0.1

Manual Integrations
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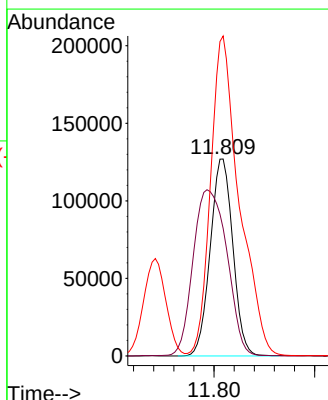
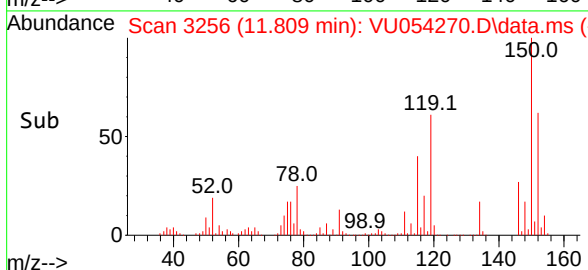
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023

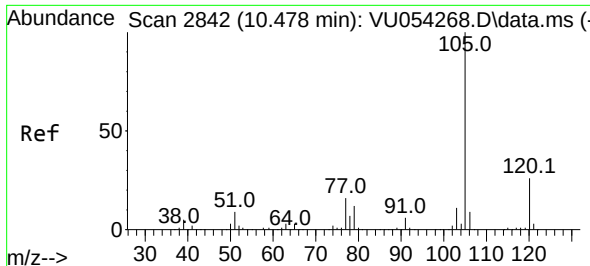


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.809 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59



Tgt Ion:152 Resp: 198316
Ion Ratio Lower Upper
152 100
115 126.4 37.0 110.9#
150 205.9 0.0 342.2





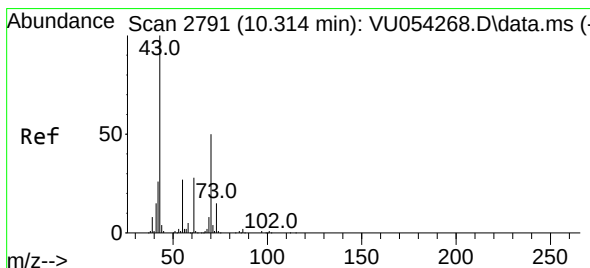
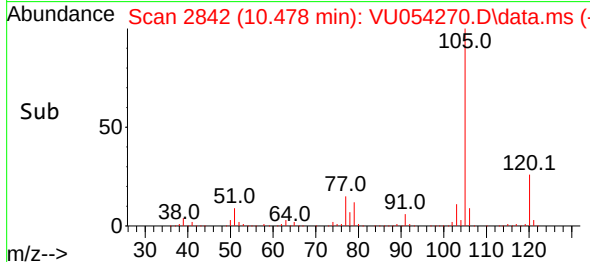
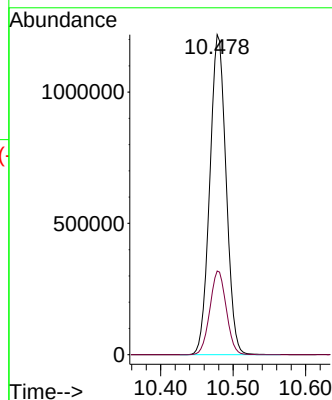
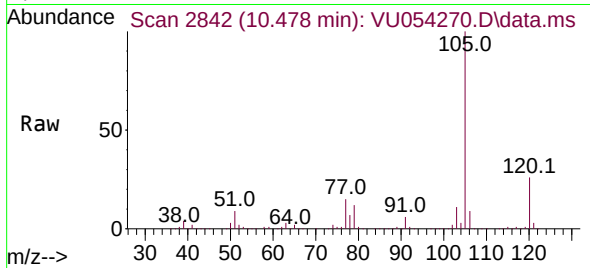
#73
Isopropylbenzene
Concen: 154.927 ug/l
RT: 10.478 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion:105 Resp: 190280
Ion Ratio Lower Upper
105 100
120 26.2 13.8 41.4

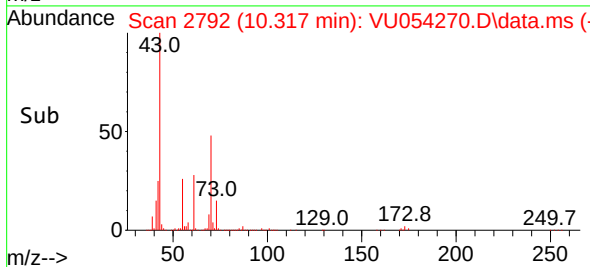
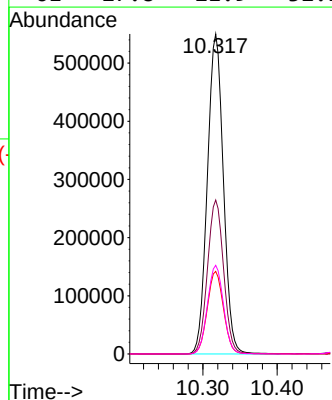
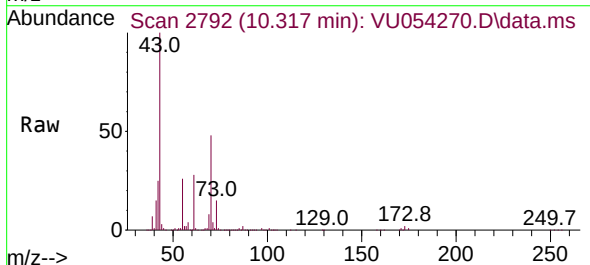
Manual Integrations
APPROVED

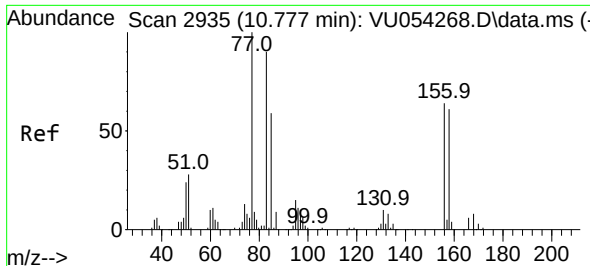
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#74
N-ethyl acetate
Concen: 157.579 ug/l
RT: 10.317 min Scan# 2792
Delta R.T. 0.003 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

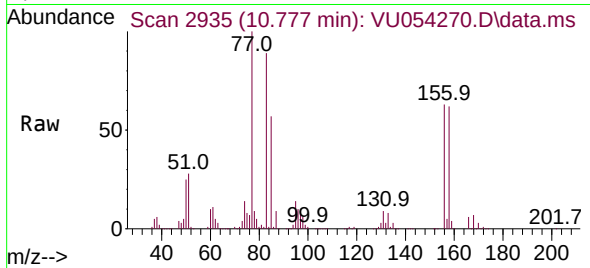
Tgt Ion: 43 Resp: 821784
Ion Ratio Lower Upper
43 100
70 48.5 38.7 58.1
55 26.2 21.8 32.8
61 27.8 21.9 32.9





#75
 1,1,2,2-Tetrachloroethane
 Concen: 142.972 ug/l
 RT: 10.777 min Scan# 2935
 Delta R.T. 0.000 min
 Lab File: VU054270.D
 Acq: 25 May 2023 15:59

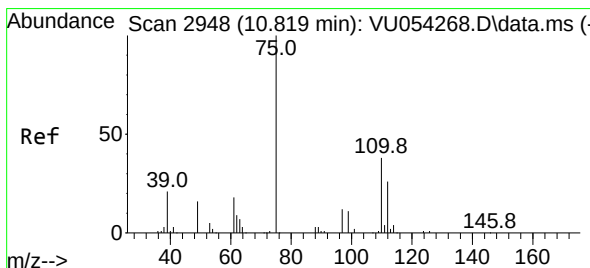
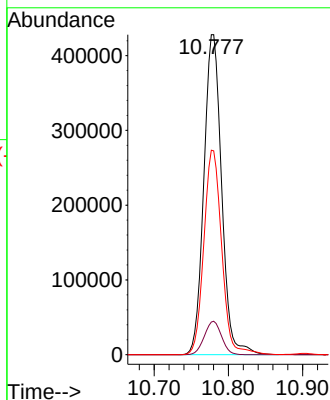
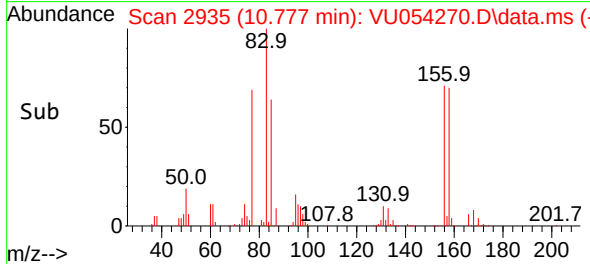
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150



Tgt Ion: 83 Resp: 71053
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.1 15.4
 85 64.3 32.2 96.6

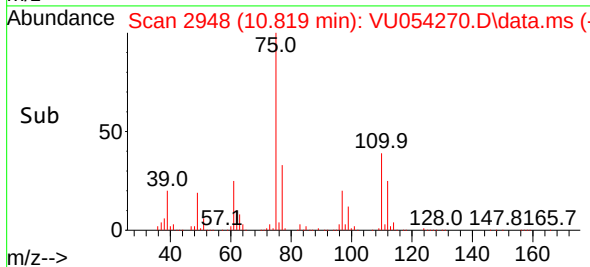
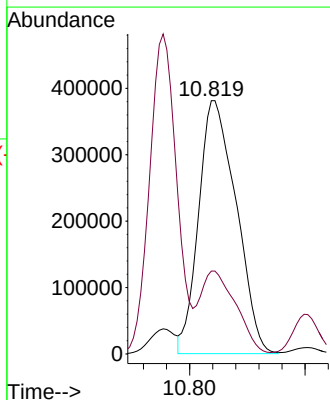
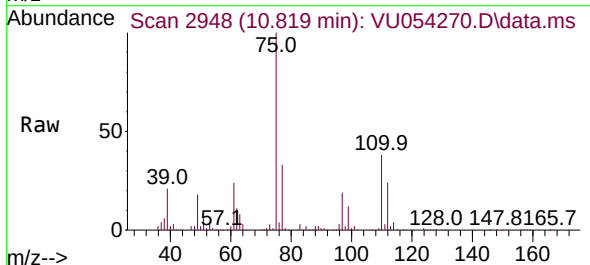
Manual Integrations
 APPROVED

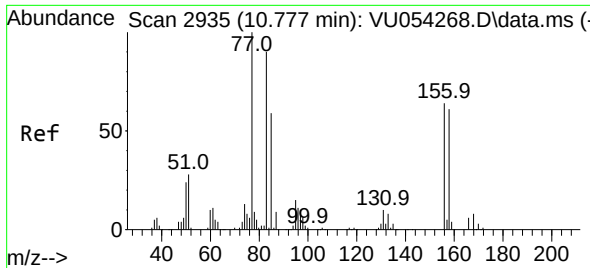
Reviewed By :Krupa Patel 05/26/2023
 Supervised By :Mahesh Dadoda 05/30/2023



#76
 1,2,3-Trichloropropane
 Concen: 147.841 ug/l
 RT: 10.819 min Scan# 2948
 Delta R.T. 0.000 min
 Lab File: VU054270.D
 Acq: 25 May 2023 15:59

Tgt Ion: 75 Resp: 861219
 Ion Ratio Lower Upper
 75 100
 77 29.6 15.8 47.3





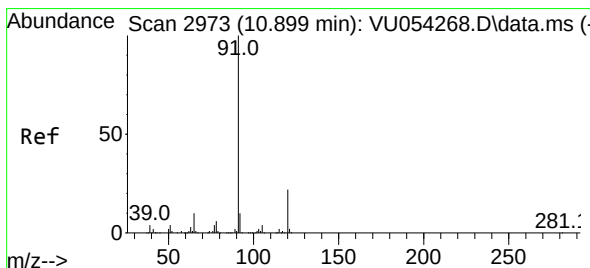
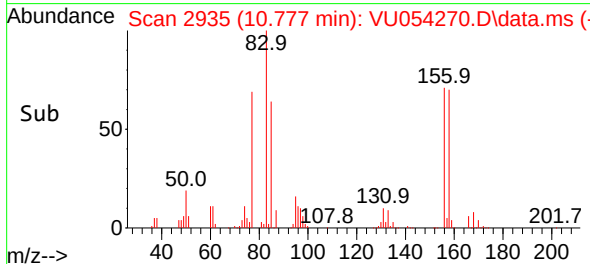
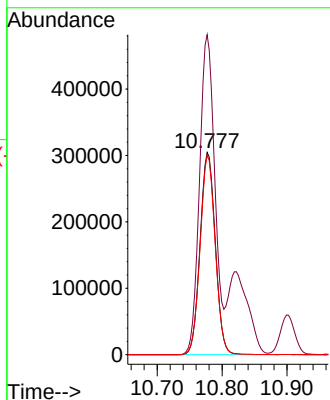
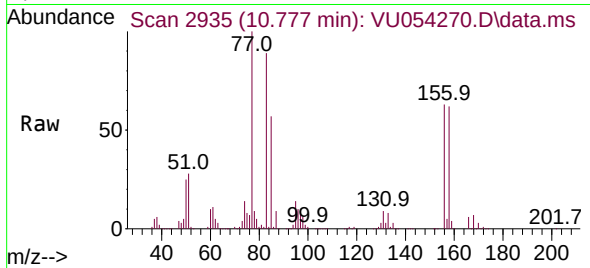
#77
Bromobenzene
Concen: 147.456 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion:156 Resp: 497320
Ion Ratio Lower Upper
156 100
77 159.1 71.9 215.6
158 97.8 48.9 146.8

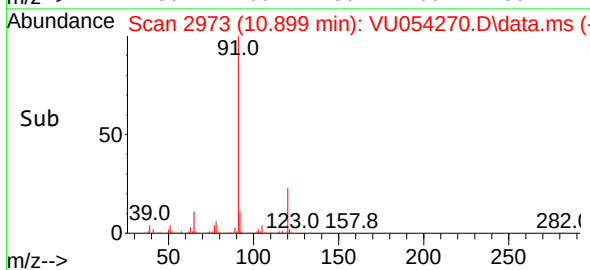
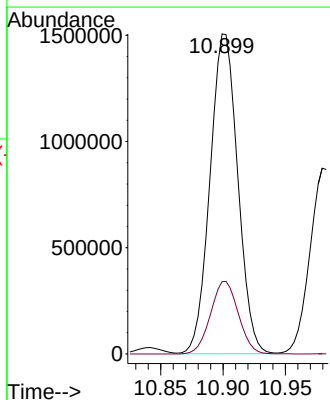
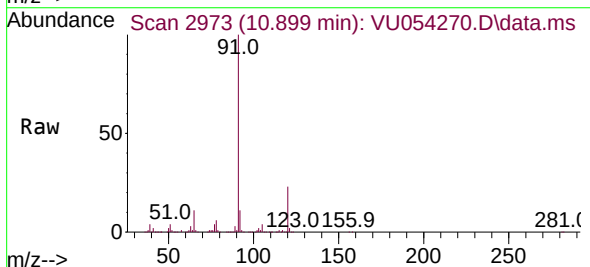
Manual Integrations
APPROVED

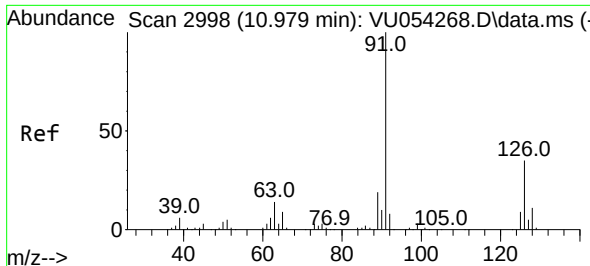
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#78
n-propylbenzene
Concen: 155.105 ug/l
RT: 10.899 min Scan# 2973
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

Tgt Ion: 91 Resp: 2333596
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.5





#79

2-Chlorotoluene

Concen: 151.248 ug/l

RT: 10.980 min Scan# 2998

Delta R.T. 0.000 min

Lab File: VU054270.D

Acq: 25 May 2023 15:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 1377702

Ion Ratio Lower Upper

91 100

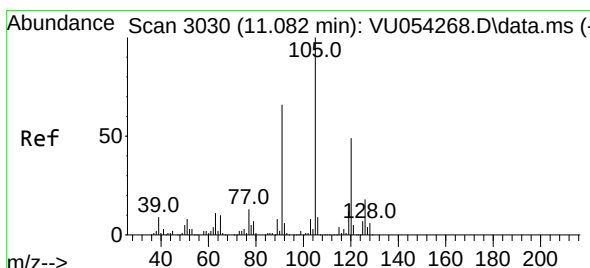
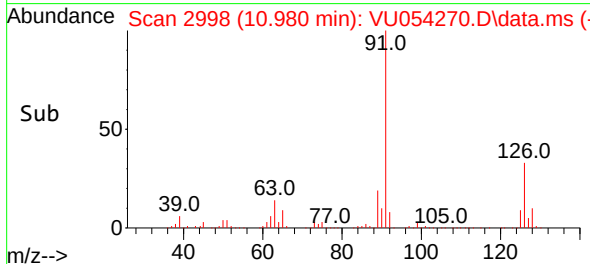
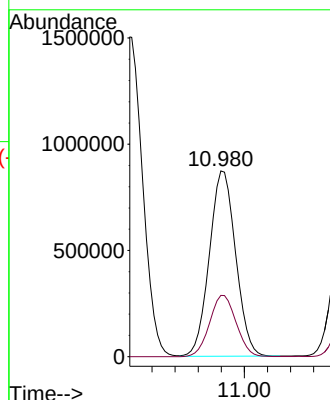
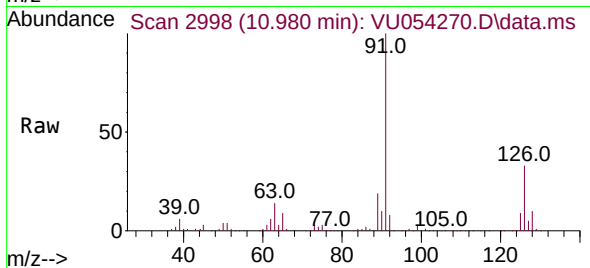
126 33.5 18.4 55.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/26/2023

Supervised By :Mahesh Dadoda 05/30/2023



#80

1,3,5-Trimethylbenzene

Concen: 157.056 ug/l

RT: 11.082 min Scan# 3030

Delta R.T. 0.000 min

Lab File: VU054270.D

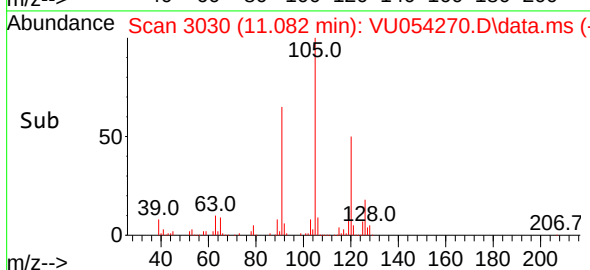
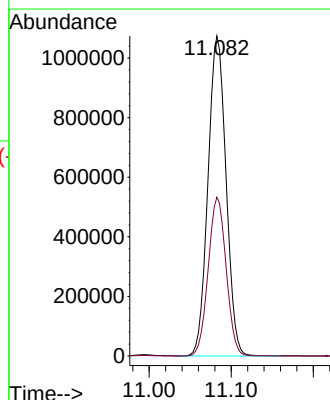
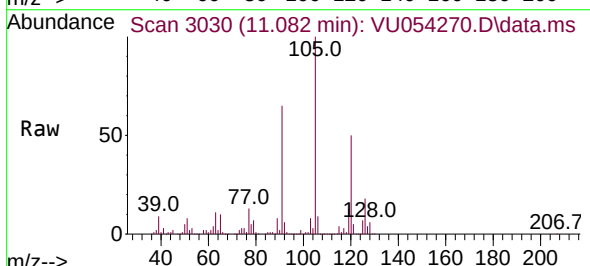
Acq: 25 May 2023 15:59

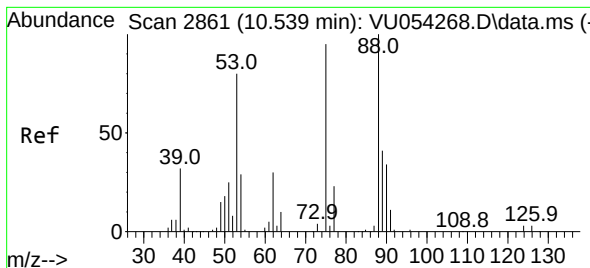
Tgt Ion:105 Resp: 1640415

Ion Ratio Lower Upper

105 100

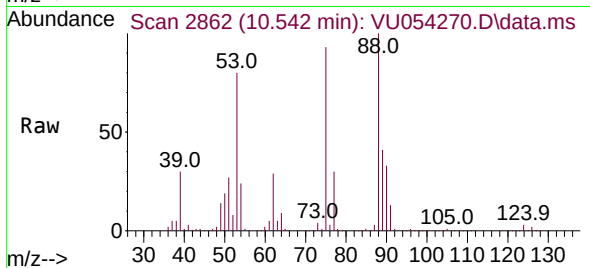
120 49.3 25.3 75.9





#81
trans-1,4-Dichloro-2-butene
Concen: 166.521 ug/l
RT: 10.542 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

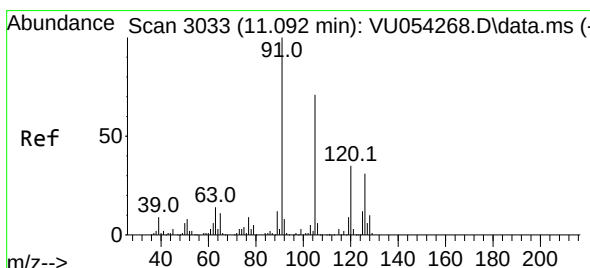
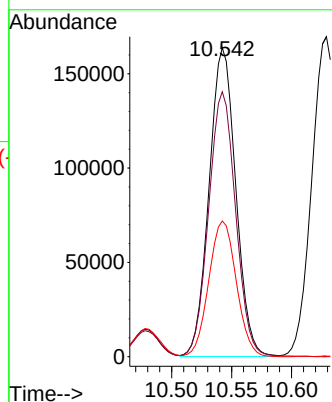
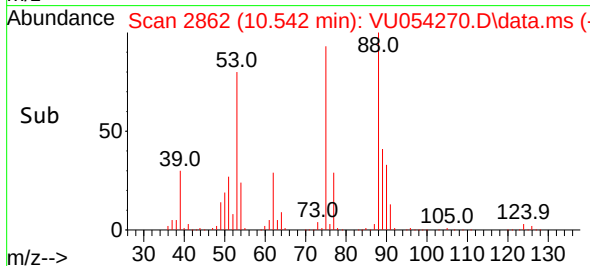
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



Tgt Ion: 75 Resp: 253110
Ion Ratio Lower Upper
75 100
53 86.9 69.2 103.8
89 45.4 37.0 55.6

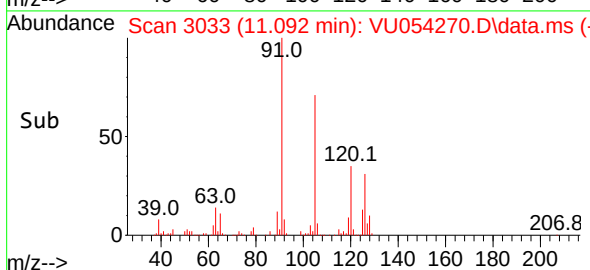
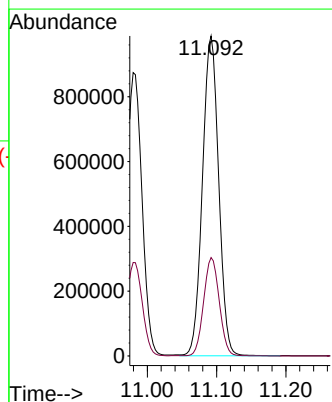
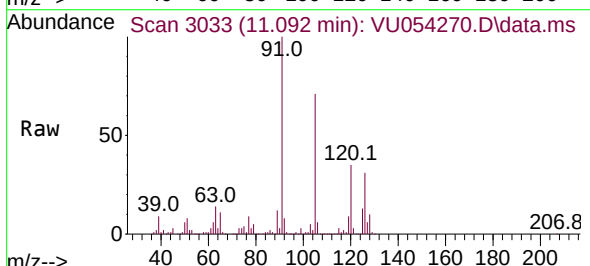
Manual Integrations
APPROVED

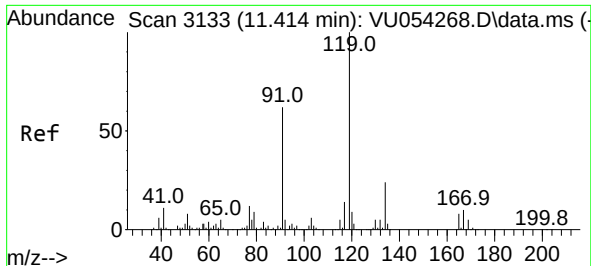
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#82
4-Chlorotoluene
Concen: 149.773 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

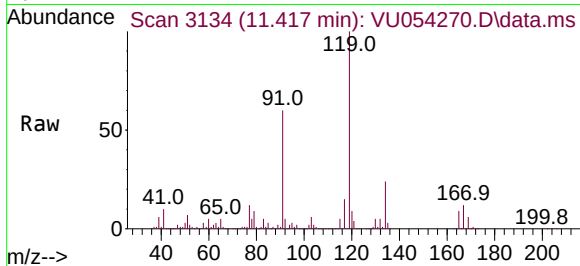
Tgt Ion: 91 Resp: 1600716
Ion Ratio Lower Upper
91 100
126 29.6 16.1 48.2





#83
tert-Butylbenzene
Concen: 155.495 ug/l
RT: 11.417 min Scan# 3133
Delta R.T. 0.003 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

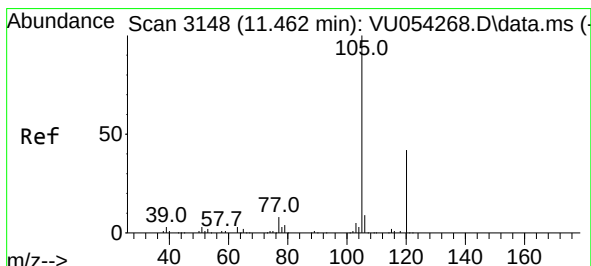
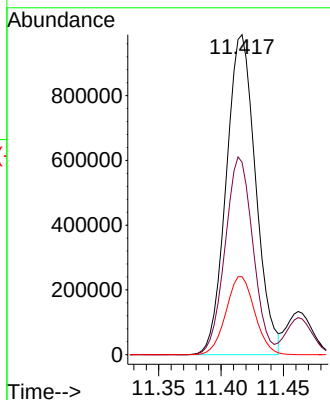
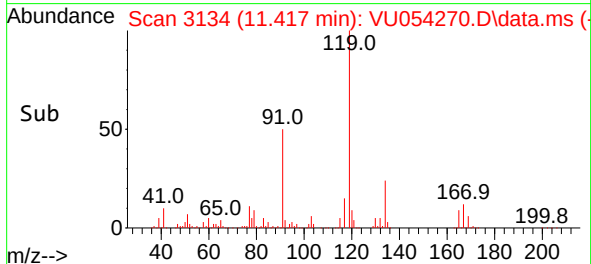
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



Tgt Ion:119 Resp: 162407
Ion Ratio Lower Upper
119 100
91 58.5 26.8 80.3
134 23.8 11.5 34.5

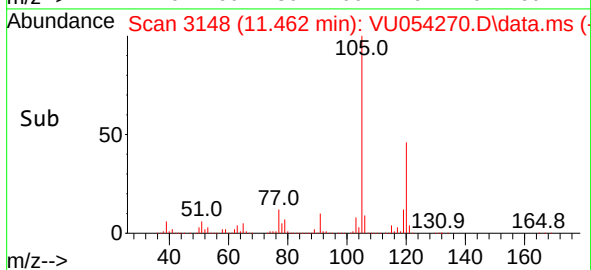
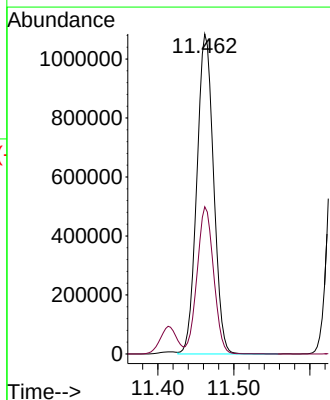
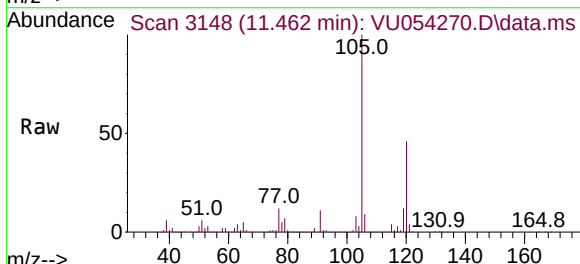
Manual Integrations
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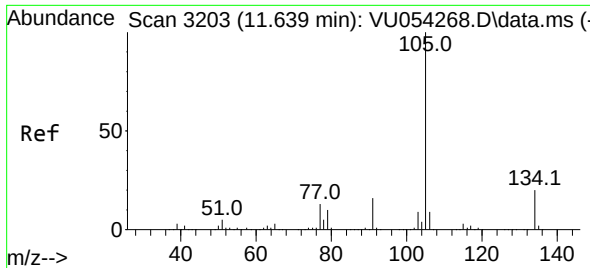
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#84
1,2,4-Trimethylbenzene
Concen: 159.424 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

Tgt Ion:105 Resp: 1656613
Ion Ratio Lower Upper
105 100
120 45.6 23.4 70.3





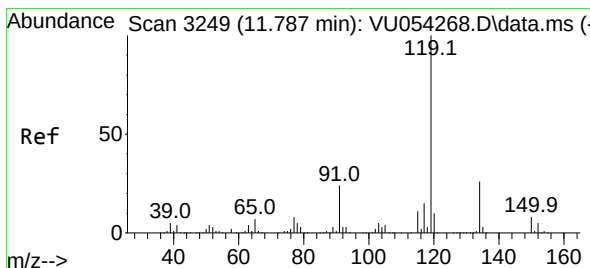
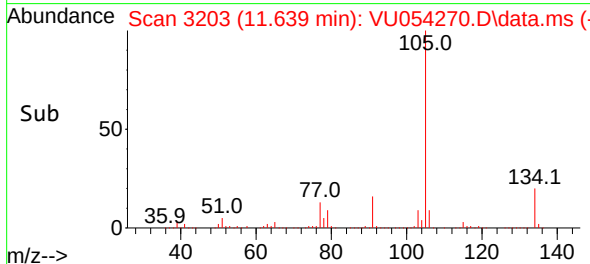
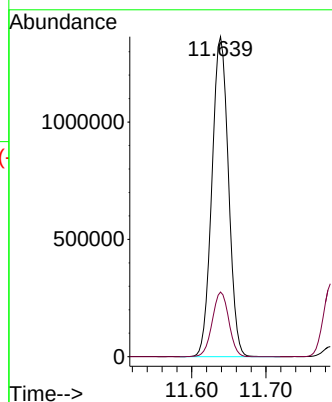
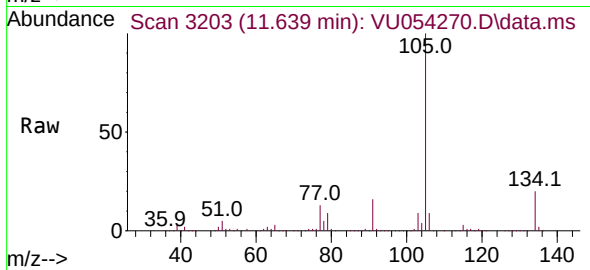
#85
 sec-Butylbenzene
 Concen: 158.813 ug/l
 RT: 11.639 min Scan# 3203
 Delta R.T. 0.000 min
 Lab File: VU054270.D
 Acq: 25 May 2023 15:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 210474
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1

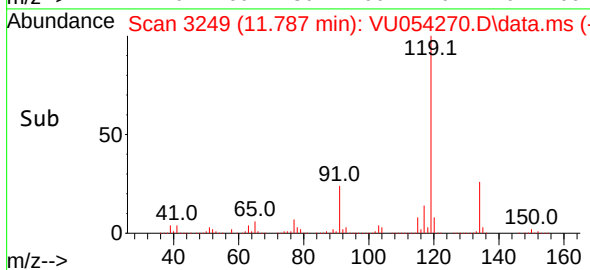
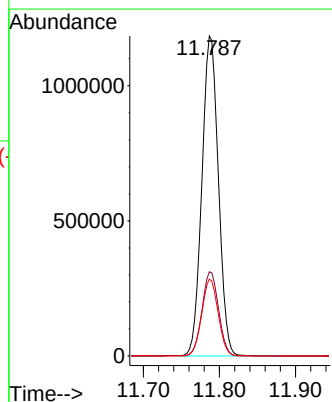
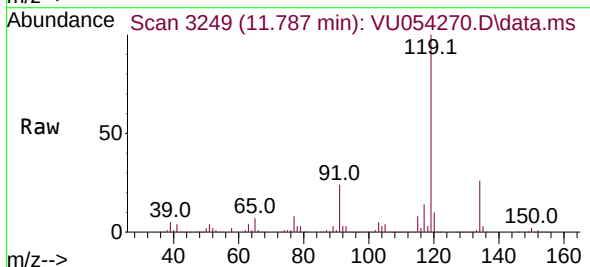
Manual Integrations
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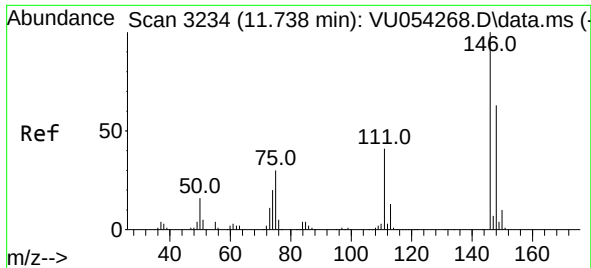
Reviewed By :Krupa Patel 05/26/2023
 Supervised By :Mahesh Dadoda 05/30/2023



#86
 p-Isopropyltoluene
 Concen: 159.744 ug/l
 RT: 11.787 min Scan# 3249
 Delta R.T. 0.000 min
 Lab File: VU054270.D
 Acq: 25 May 2023 15:59

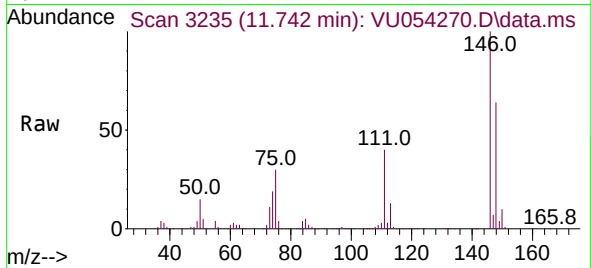
Tgt Ion:119 Resp: 1780661
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.5 40.4
 91 23.9 11.2 33.5





#87
1,3-Dichlorobenzene
Concen: 144.378 ug/l
RT: 11.742 min Scan# 3234
Delta R.T. 0.003 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

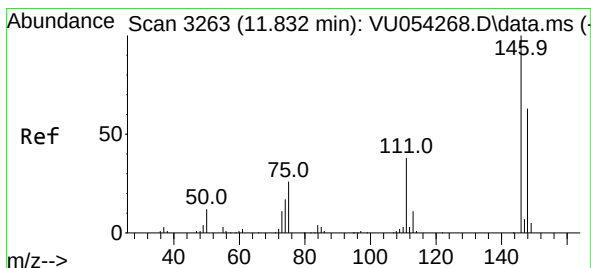
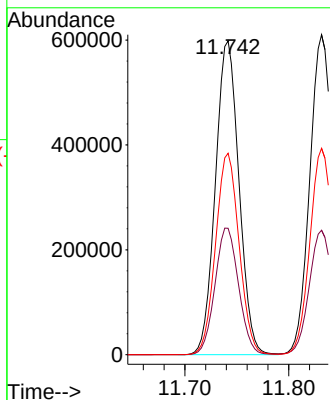
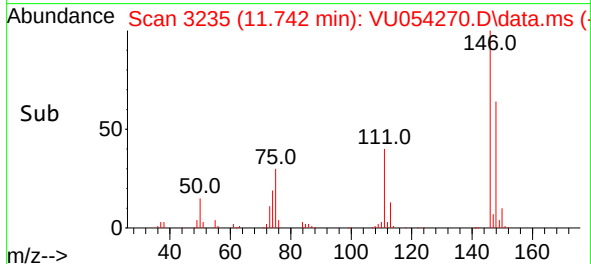
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



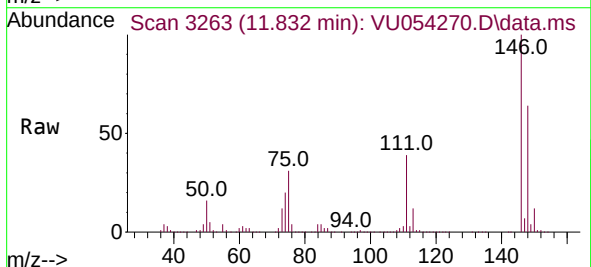
Tgt Ion:146 Resp: 942850
Ion Ratio Lower Upper
146 100
111 40.4 18.9 56.5
148 64.1 31.9 95.9

Manual Integrations
APPROVED

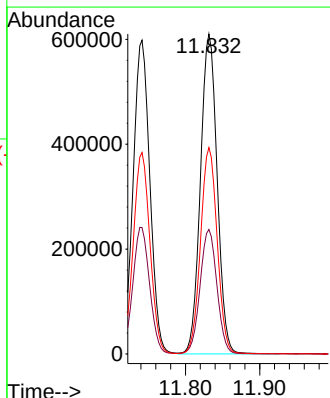
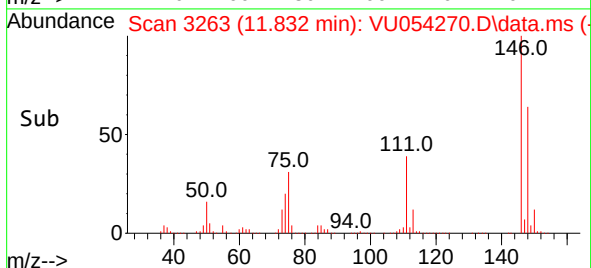
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023

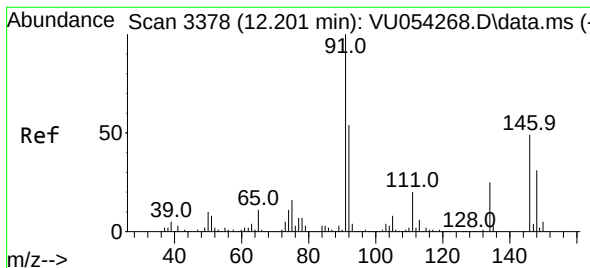


#88
1,4-Dichlorobenzene
Concen: 142.424 ug/l
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59



Tgt Ion:146 Resp: 952935
Ion Ratio Lower Upper
146 100
111 39.1 18.5 55.5
148 64.3 31.9 95.7





#89

n-Butylbenzene

Concen: 157.453 ug/l

RT: 12.205 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU054270.D

Acq: 25 May 2023 15:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 165210

Ion Ratio Lower Upper

91 100

92 53.8 26.2 78.6

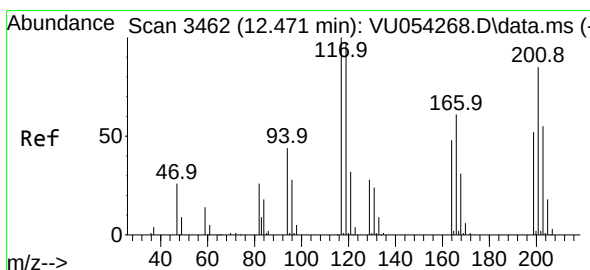
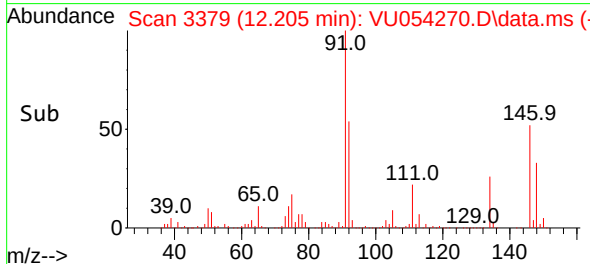
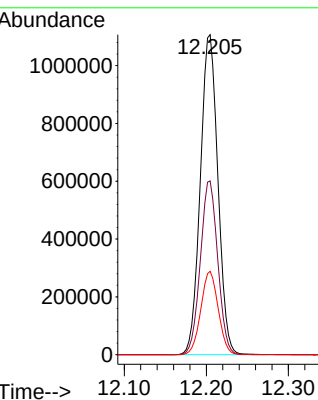
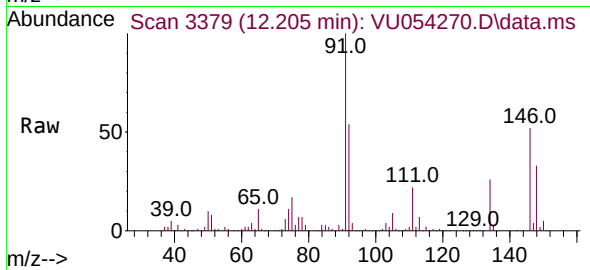
134 25.8 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/26/2023

Supervised By :Mahesh Dadoda 05/30/2023



#90

Hexachloroethane

Concen: 162.508 ug/l

RT: 12.471 min Scan# 3462

Delta R.T. 0.000 min

Lab File: VU054270.D

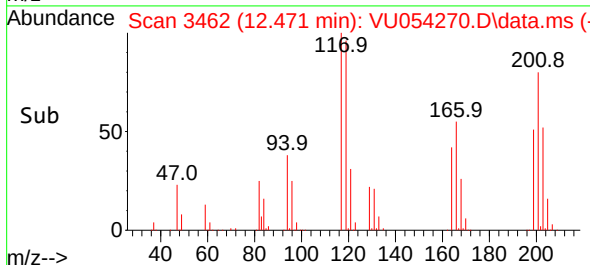
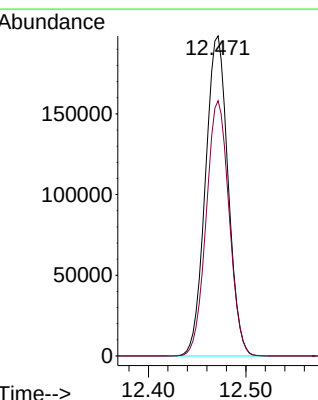
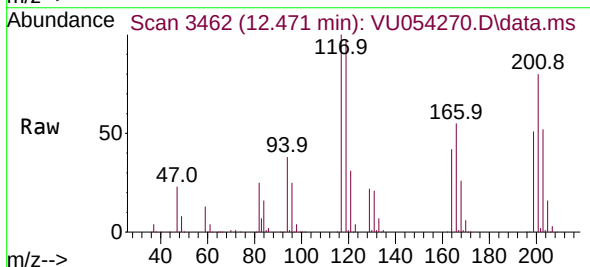
Acq: 25 May 2023 15:59

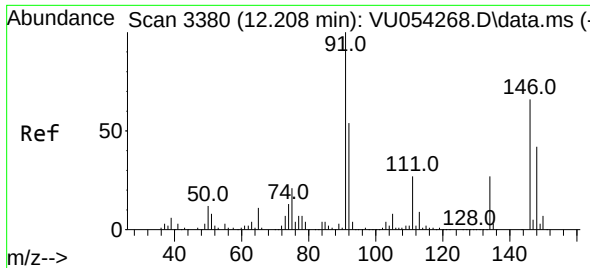
Tgt Ion:117 Resp: 320465

Ion Ratio Lower Upper

117 100

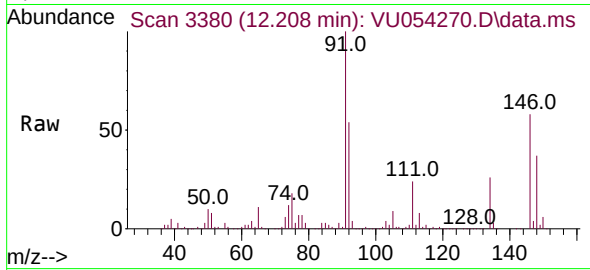
201 80.4 44.6 134.0





#91
1,2-Dichlorobenzene
Concen: 146.175 ug/l
RT: 12.208 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

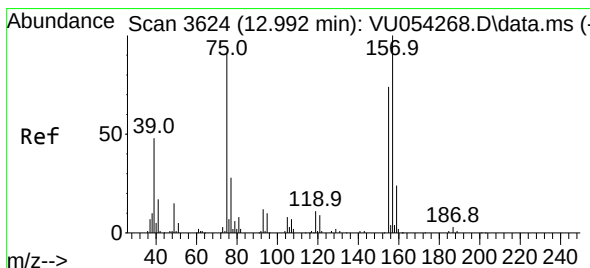
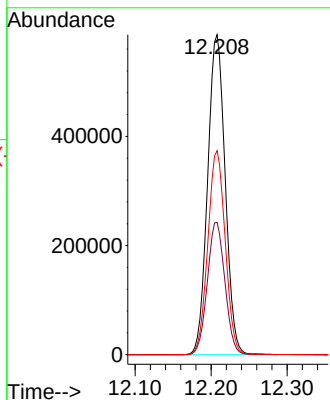
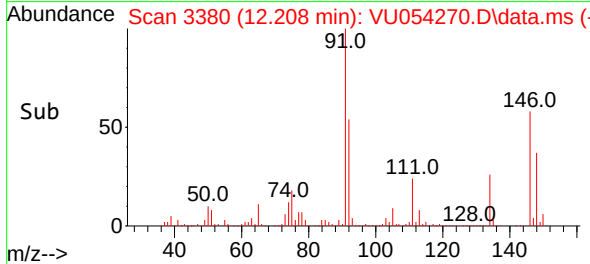
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



Tgt Ion:146 Resp: 939080
Ion Ratio Lower Upper
146 100
111 41.4 19.9 59.6
148 63.5 32.1 96.5

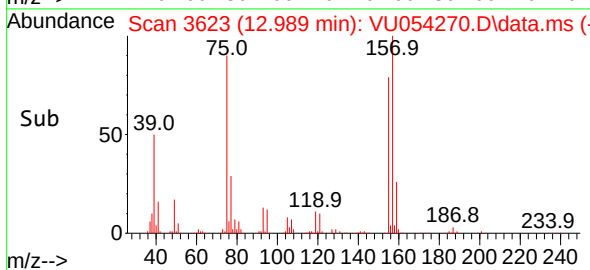
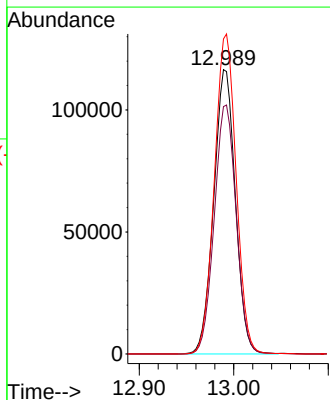
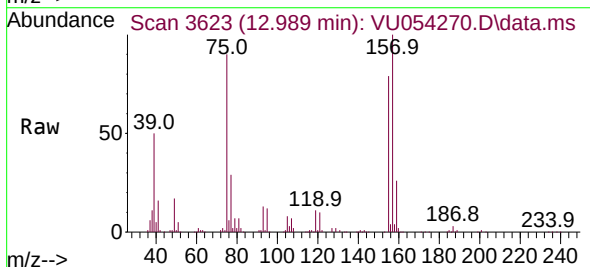
Manual Integrations
APPROVED

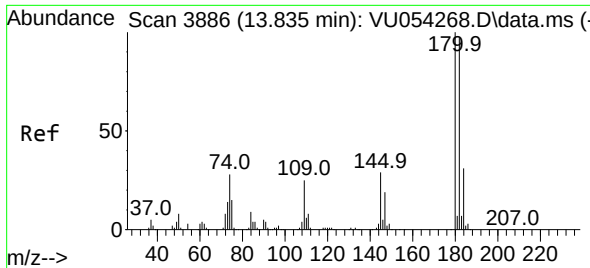
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 163.690 ug/l
RT: 12.989 min Scan# 3623
Delta R.T. -0.003 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

Tgt Ion: 75 Resp: 185526
Ion Ratio Lower Upper
75 100
155 88.6 47.8 143.4
157 113.1 62.2 186.5





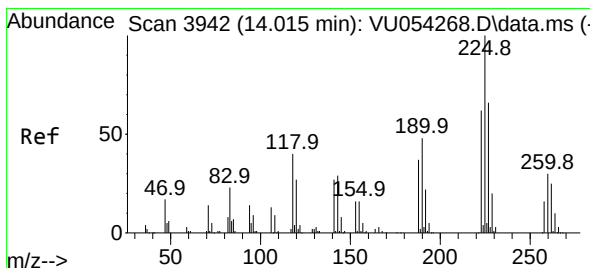
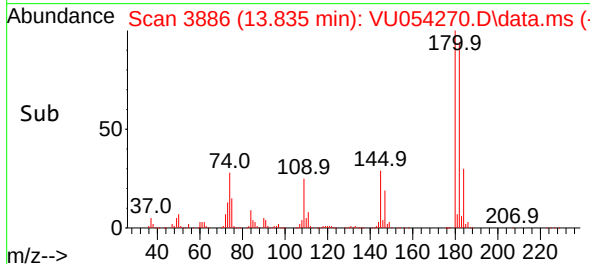
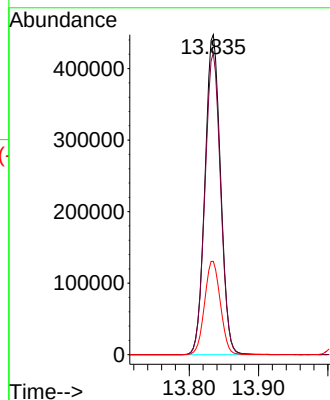
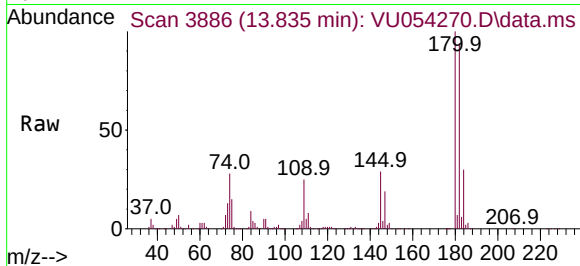
#93
1,2,4-Trichlorobenzene
Concen: 149.328 ug/l
RT: 13.835 min Scan# 3886
Delta R.T. -0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150

Tgt Ion:180 Resp: 696552
Ion Ratio Lower Upper
180 100
182 94.8 47.9 143.6
145 29.6 14.0 41.9

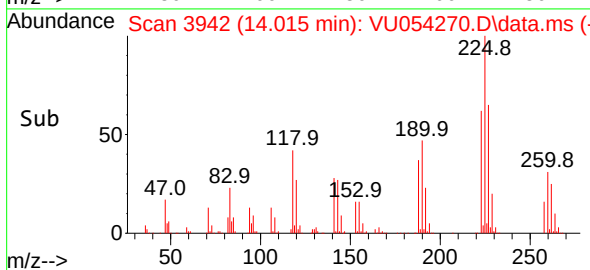
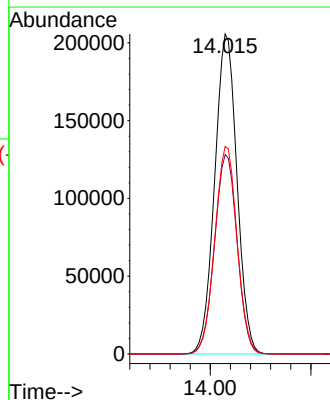
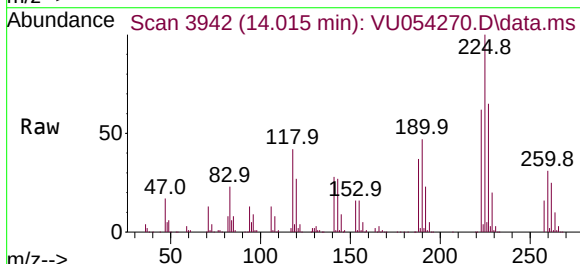
Manual Integrations
APPROVED

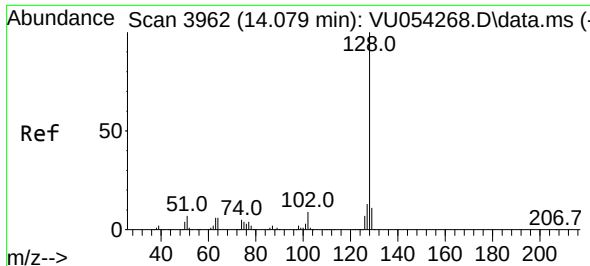
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#94
Hexachlorobutadiene
Concen: 148.100 ug/l
RT: 14.015 min Scan# 3942
Delta R.T. -0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

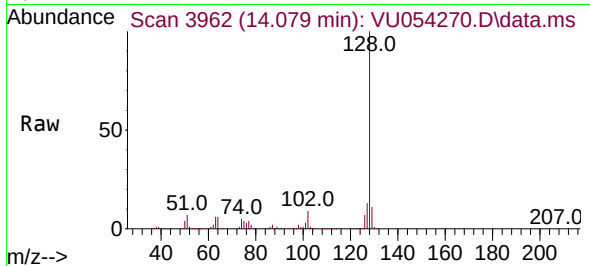
Tgt Ion:225 Resp: 316542
Ion Ratio Lower Upper
225 100
223 63.1 31.3 93.9
227 65.0 32.0 96.2





#95
Naphthalene
Concen: 150.079 ug/l
RT: 14.079 min Scan# 3962
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59

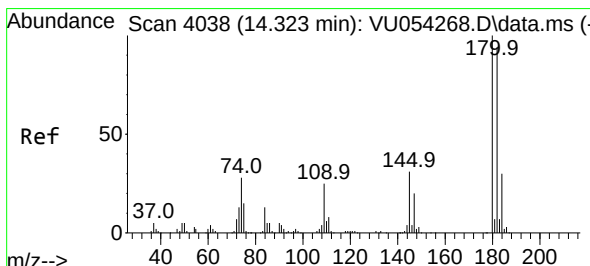
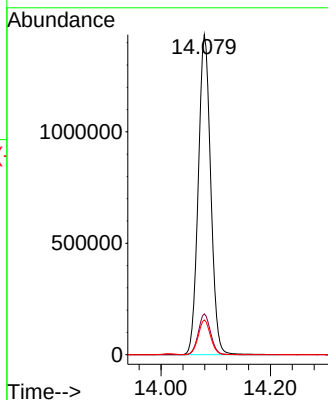
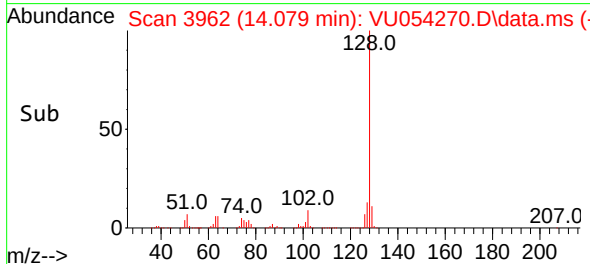
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150



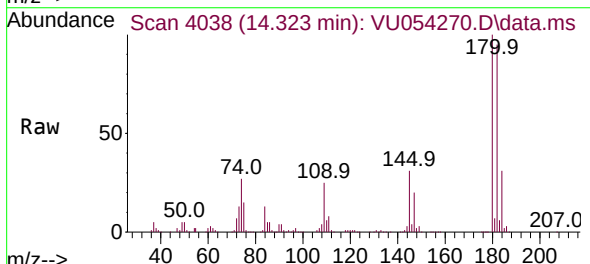
Tgt Ion:128 Resp: 2262388
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#96
1,2,3-Trichlorobenzene
Concen: 149.367 ug/l
RT: 14.323 min Scan# 4038
Delta R.T. 0.000 min
Lab File: VU054270.D
Acq: 25 May 2023 15:59



Tgt Ion:180 Resp: 686626
Ion Ratio Lower Upper
180 100
182 95.3 48.4 145.0
145 31.4 14.8 44.4

