

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052523\
 Data File : VU054267.D
 Acq On : 25 May 2023 14:44
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

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

Quant Time: May 26 06:01:07 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

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

Internal Standards						
1) Pentafluorobenzene	5.366	168	209786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	335298	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.410	117	322989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	178144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	53783	19.557	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	39.120%#		
35) Dibromofluoromethane	5.282	113	43511	20.151	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.300%#		
50) Toluene-d8	7.893	98	162690	19.809	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	39.620%#		
62) 4-Bromofluorobenzene	10.626	95	61098	19.186	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	38.380%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	48432	20.680	ug/l	96
3) Chloromethane	1.520	50	58747	19.158	ug/l	100
4) Vinyl Chloride	1.604	62	57975	19.815	ug/l	98
5) Bromomethane	1.854	94	32205	19.884	ug/l	97
6) Chloroethane	1.928	64	29156	20.631	ug/l	98
7) Trichlorofluoromethane	2.134	101	78175	19.421	ug/l	97
8) Diethyl Ether	2.372	74	29650	19.897	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.578	101	42355	19.435	ug/l	98
10) Methyl Iodide	2.719	142	44161	18.458	ug/l	94
11) Tert butyl alcohol	3.234	59	72643m	97.437	ug/l	
12) 1,1-Dichloroethene	2.575	96	42620	18.887	ug/l	95
13) Acrolein	2.485	56	72552	93.882	ug/l	100
14) Allyl chloride	2.919	41	74631	19.075	ug/l	89
15) Acrylonitrile	3.311	53	163790	98.341	ug/l	99
16) Acetone	2.633	43	151198	95.915	ug/l	100
17) Carbon Disulfide	2.787	76	120133	18.014	ug/l	100
18) Methyl Acetate	2.948	43	111301	19.337	ug/l	96
19) Methyl tert-butyl Ether	3.356	73	144696	19.589	ug/l	99
20) Methylene Chloride	3.041	84	53329	18.752	ug/l	90
21) trans-1,2-Dichloroethene	3.346	96	46242	19.141	ug/l	93
22) Diisopropyl ether	3.983	45	143205	20.651	ug/l	86
23) Vinyl Acetate	3.948	43	510888	100.962	ug/l	99
24) 1,1-Dichloroethane	3.861	63	86594	19.501	ug/l	99
25) 2-Butanone	4.700	43	209522	100.388	ug/l	100
26) 2,2-Dichloropropane	4.655	77	75090	19.350	ug/l	99
27) cis-1,2-Dichloroethene	4.661	96	52665	19.596	ug/l	95
28) Bromochloromethane	4.967	49	42496	20.681	ug/l	85
29) Tetrahydrofuran	5.050	42	131599	100.310	ug/l	93
30) Chloroform	5.079	83	88526	19.612	ug/l	99
31) Cyclohexane	5.382	56	75302	19.392	ug/l	96
32) 1,1,1-Trichloroethane	5.308	97	77345	19.737	ug/l	98
36) 1,1-Dichloropropene	5.520	75	61771	18.214	ug/l	100
37) Ethyl Acetate	4.800	43	75524	18.272	ug/l #	93
38) Carbon Tetrachloride	5.517	117	66978	19.295	ug/l	98
39) Methylcyclohexane	6.755	83	73323	19.088	ug/l	94
40) Benzene	5.767	78	192017	19.849	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	38520	20.612	ug/l	94
42) 1,2-Dichloroethane	5.790	62	69796	19.861	ug/l	100
43) Isopropyl Acetate	5.906	43	109974	19.290	ug/l	98
44) Trichloroethene	6.536	130	51316	18.977	ug/l	94
45) 1,2-Dichloropropane	6.783	63	50521	20.019	ug/l	100
46) Dibromomethane	6.912	93	35609	19.169	ug/l	95
47) Bromodichloromethane	7.099	83	68219	19.637	ug/l	100
48) Methyl methacrylate	6.954	41	49375	19.529	ug/l	94
49) 1,4-Dioxane	7.005	88	30821	422.261	ug/l #	1
51) 4-Methyl-2-Pentanone	7.787	43	373816	98.253	ug/l	99
52) Toluene	7.963	92	120740	19.574	ug/l	99
53) t-1,3-Dichloropropene	8.205	75	76473	19.241	ug/l	97
54) cis-1,3-Dichloropropene	7.600	75	80920	19.509	ug/l	99
55) 1,1,2-Trichloroethane	8.394	97	49793	19.479	ug/l	98
56) Ethyl methacrylate	8.327	69	72119	18.953	ug/l	95
57) 1,3-Dichloropropane	8.568	76	85342	19.386	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.462	63	14573	59.734	ug/l	100
59) 2-Hexanone	8.681	43	295279	98.248	ug/l	100
60) Dibromochloromethane	8.803	129	51003	19.638	ug/l	97
61) 1,2-Dibromoethane	8.918	107	55476	19.940	ug/l	98
64) Tetrachloroethene	8.549	164	48544	19.970	ug/l	97
65) Chlorobenzene	9.443	112	130424	19.316	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.529	131	47640	19.448	ug/l	99
67) Ethyl Benzene	9.565	91	222585	19.281	ug/l	97
68) m/p-Xylenes	9.690	106	170566	38.980	ug/l	92
69) o-Xylene	10.095	106	82701	19.524	ug/l	91
70) Styrene	10.111	104	135885	19.344	ug/l	97
71) Bromoform	10.285	173	40334	18.948	ug/l #	98
73) Isopropylbenzene	10.478	105	215139	19.500	ug/l	98
74) N-amyl acetate	10.314	43	89156	19.032	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.777	83	86732	19.428	ug/l	99
76) 1,2,3-Trichloropropane	10.819	75	100378	19.183	ug/l	100
77) Bromobenzene	10.777	156	58961	19.461	ug/l	93
78) n-propylbenzene	10.899	91	260086	19.244	ug/l	97
79) 2-Chlorotoluene	10.979	91	158805	19.408	ug/l	96
80) 1,3,5-Trimethylbenzene	11.082	105	186686	19.898	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.539	75	25677	18.806	ug/l	96
82) 4-Chlorotoluene	11.092	91	184247	19.191	ug/l	97
83) tert-Butylbenzene	11.414	119	177893	18.961	ug/l	95
84) 1,2,4-Trimethylbenzene	11.462	105	179352	19.214	ug/l	99
85) sec-Butylbenzene	11.639	105	226685	19.041	ug/l	100
86) p-Isopropyltoluene	11.787	119	186925	18.668	ug/l	97
87) 1,3-Dichlorobenzene	11.741	146	108085	18.425	ug/l	97
88) 1,4-Dichlorobenzene	11.832	146	111328	18.523	ug/l	96
89) n-Butylbenzene	12.204	91	166288	17.643	ug/l	99
90) Hexachloroethane	12.468	117	32590	18.398	ug/l	94
91) 1,2-Dichlorobenzene	12.208	146	109912	19.046	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.989	75	19670	19.320	ug/l	89
93) 1,2,4-Trichlorobenzene	13.835	180	70247	18.224	ug/l	98
94) Hexachlorobutadiene	14.015	225	34707	18.797	ug/l	98
95) Naphthalene	14.082	128	219983	18.042	ug/l	100
96) 1,2,3-Trichlorobenzene	14.323	180	70032	18.072	ug/l	99

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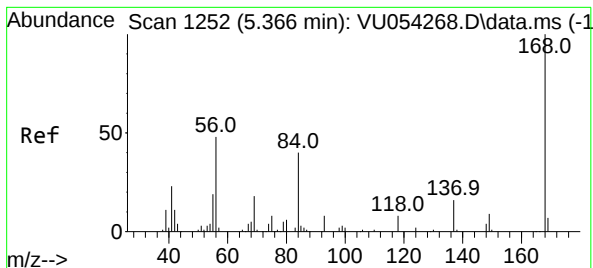
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/30/2023

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Quant Title : SW846 8260
QLast Update : Fri May 26 05:59:02 2023
Response via : Initial Calibration

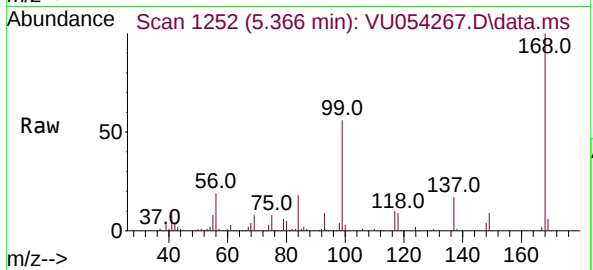
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.000 min
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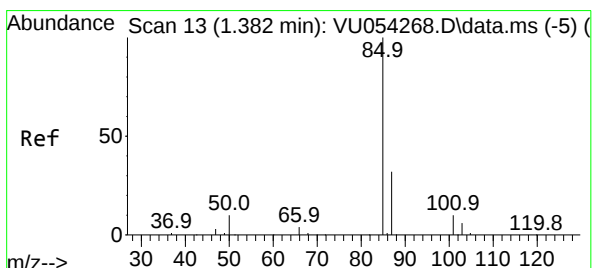
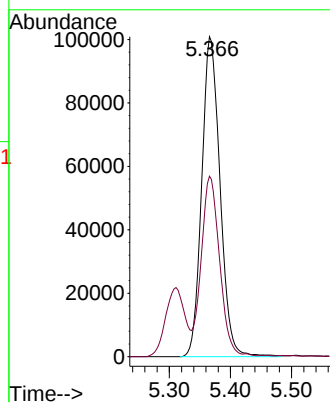
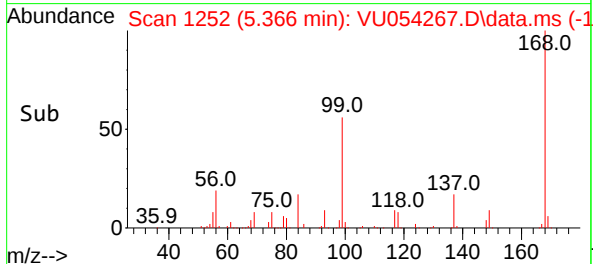
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 209780
Ion Ratio Lower Upper
168 100
99 56.0 39.3 58.9

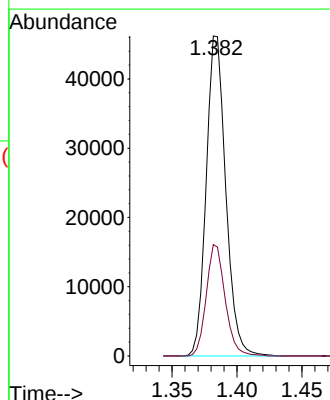
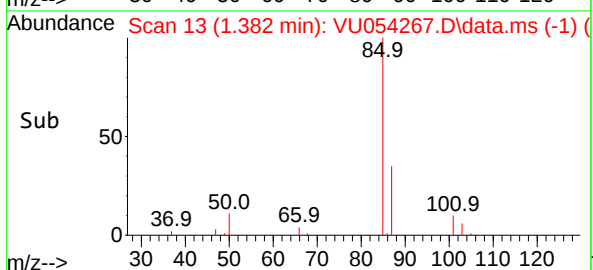
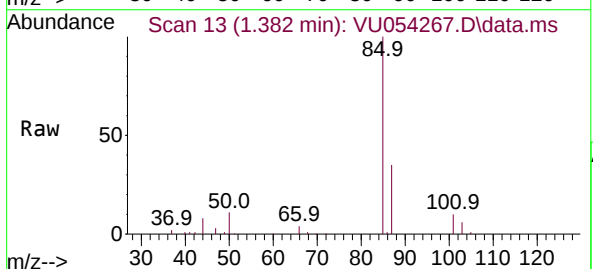
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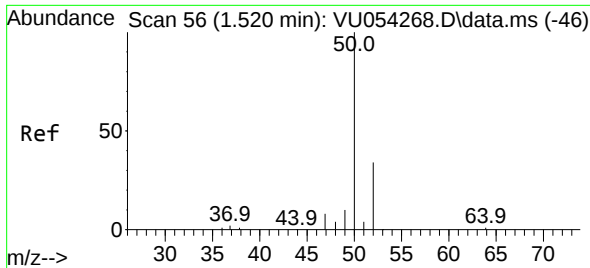
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#2
Dichlorodifluoromethane
Concen: 20.680 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Tgt Ion: 85 Resp: 48432
Ion Ratio Lower Upper
85 100
87 34.8 16.4 49.2





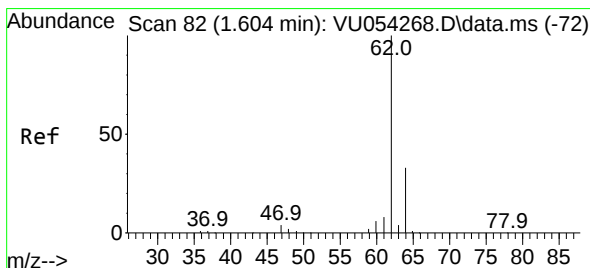
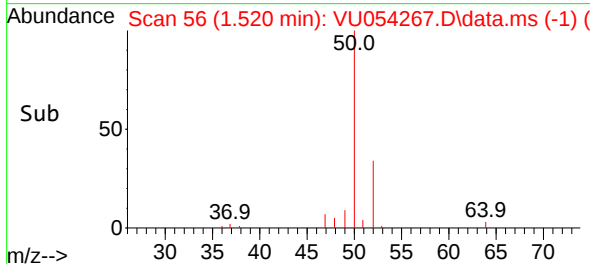
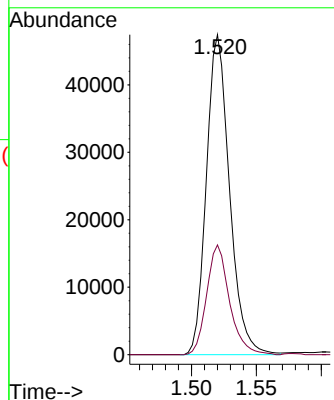
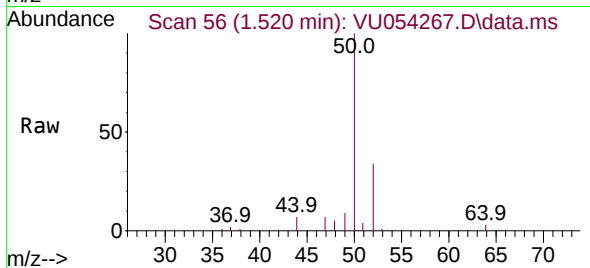
#3
Chloromethane
Concen: 19.158 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Instrument :
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VSTDIC020

Tgt Ion: 50 Resp: 5874
Ion Ratio Lower Upper
50 100
52 34.3 27.4 41.2

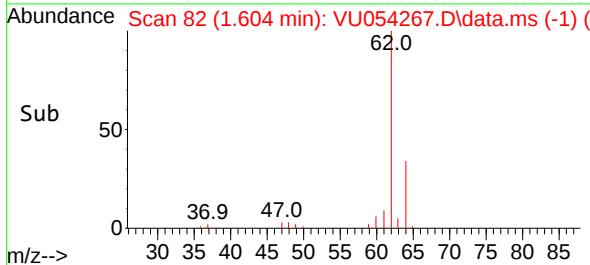
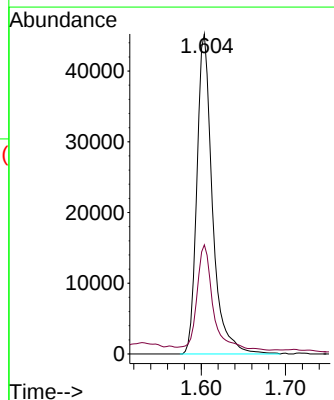
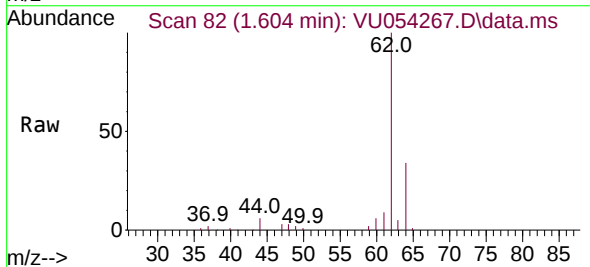
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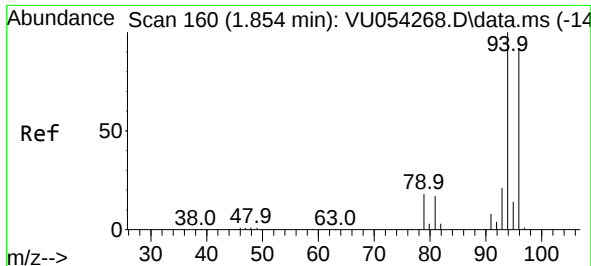
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#4
Vinyl Chloride
Concen: 19.815 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

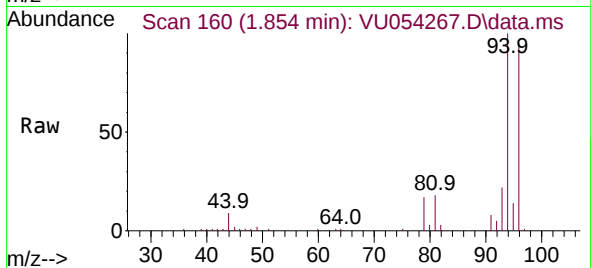
Tgt Ion: 62 Resp: 57975
Ion Ratio Lower Upper
62 100
64 32.9 25.3 37.9





#5
Bromomethane
Concen: 19.884 ug/l
RT: 1.854 min Scan# 160
Delta R.T. -0.000 min
Lab File: VU054267.D
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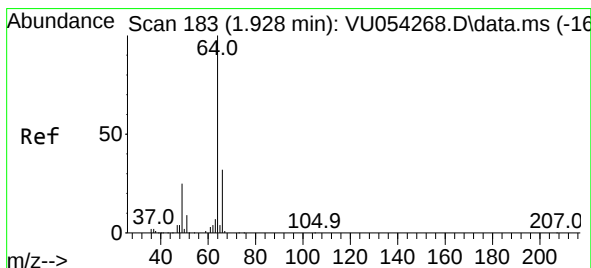
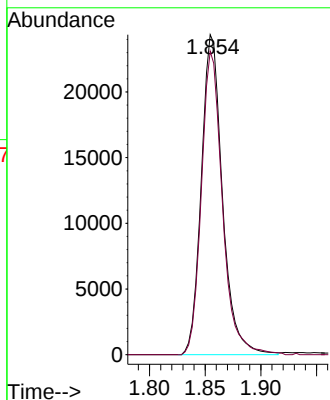
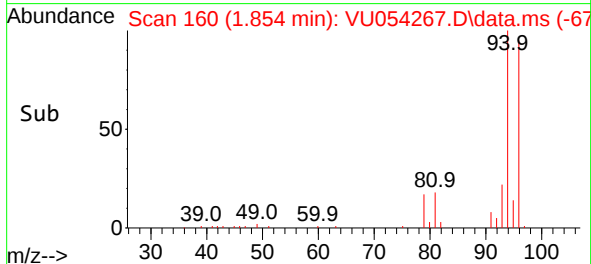
Instrument :
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Tgt Ion: 94 Resp: 3220
Ion Ratio Lower Upper
94 100
96 94.8 73.7 110.5

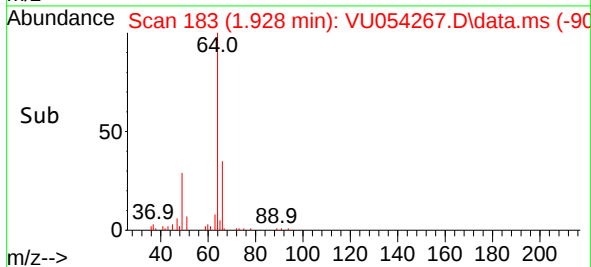
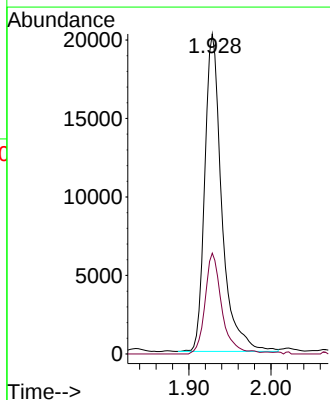
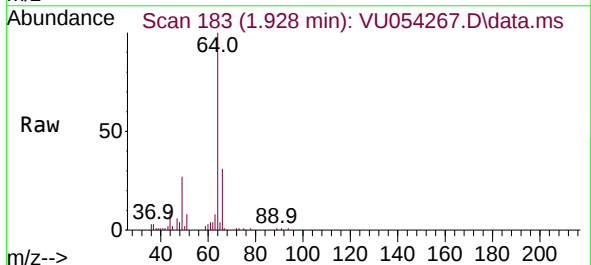
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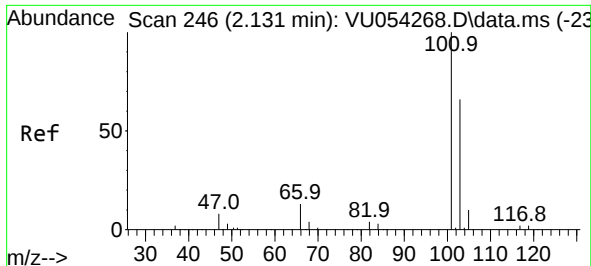
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#6
Chloroethane
Concen: 20.631 ug/l
RT: 1.928 min Scan# 183
Delta R.T. -0.000 min
Lab File: VU054267.D
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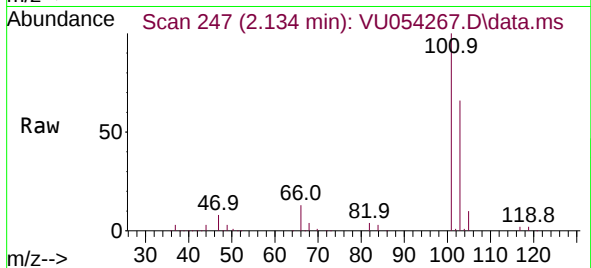
Tgt Ion: 64 Resp: 29156
Ion Ratio Lower Upper
64 100
66 31.7 24.7 37.1





#7
Trichlorofluoromethane
Concen: 19.421 ug/l
RT: 2.134 min Scan# 246
Delta R.T. 0.003 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

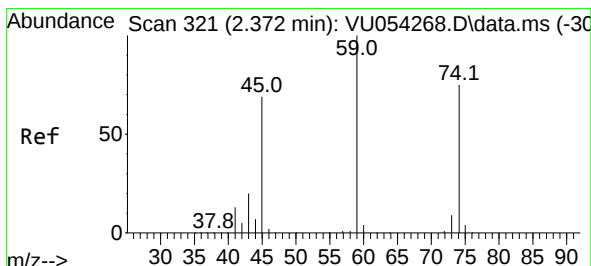
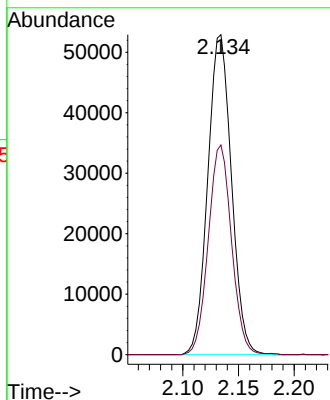
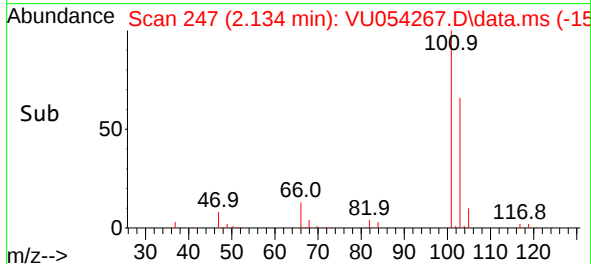
Instrument :
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ClientSampleId :
VSTDIC020



Tgt Ion:101 Resp: 7817
Ion Ratio Lower Upper
101 100
103 65.6 50.6 75.8

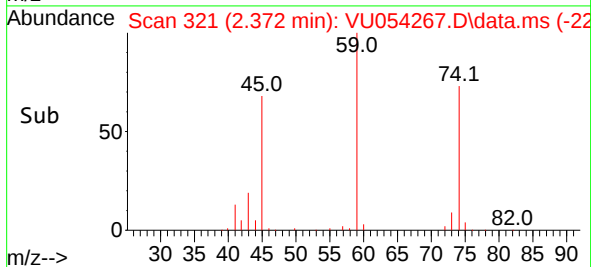
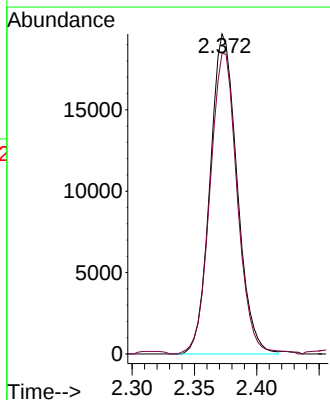
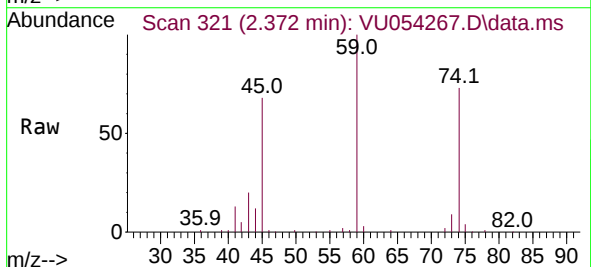
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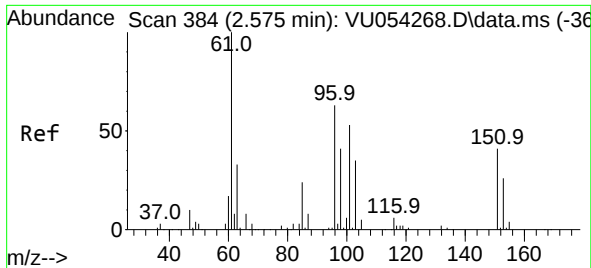
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#8
Diethyl Ether
Concen: 19.897 ug/l
RT: 2.372 min Scan# 321
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Tgt Ion: 74 Resp: 29650
Ion Ratio Lower Upper
74 100
45 94.8 44.4 133.2





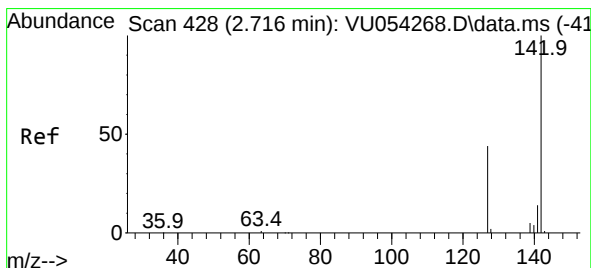
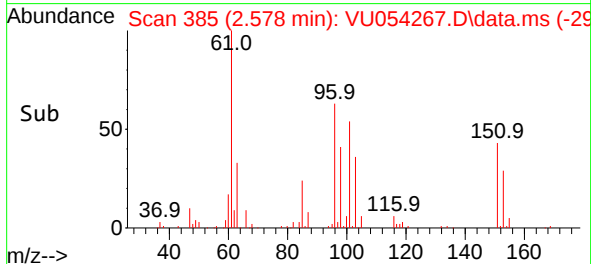
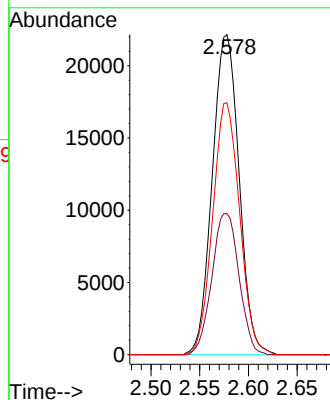
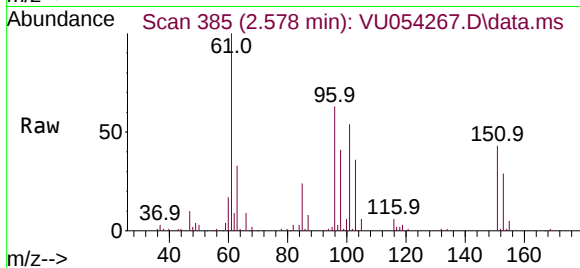
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.435 ug/l
RT: 2.578 min Scan# 384
Delta R.T. 0.003 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 4235
Ion Ratio Lower Upper
101 100
85 44.7 33.9 50.9
151 79.2 64.0 96.0

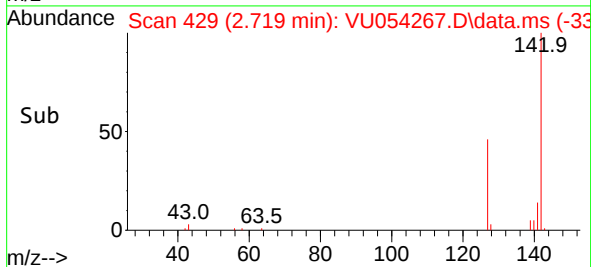
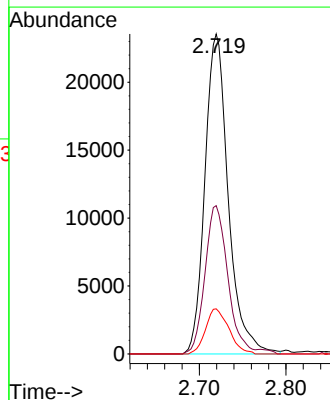
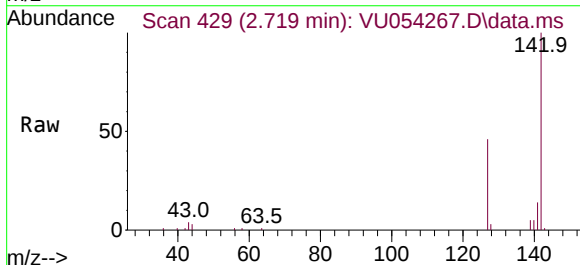
Manual Integrations
APPROVED

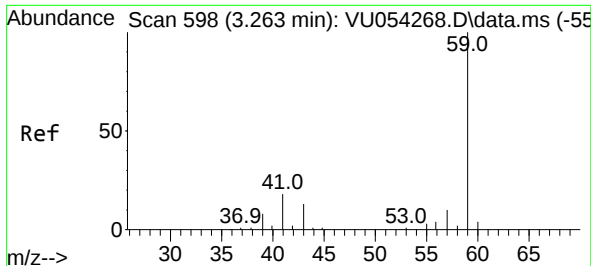
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#10
Methyl Iodide
Concen: 18.458 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.003 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Tgt Ion:142 Resp: 44161
Ion Ratio Lower Upper
142 100
127 45.4 32.5 48.7
141 14.1 11.4 17.0





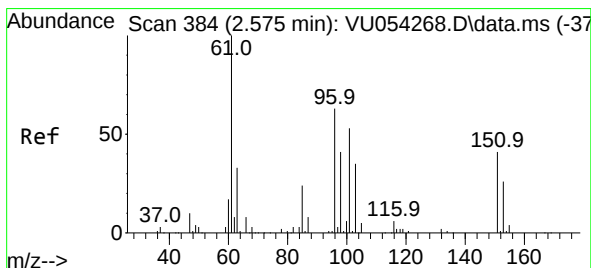
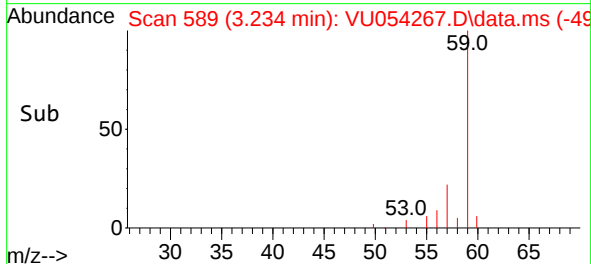
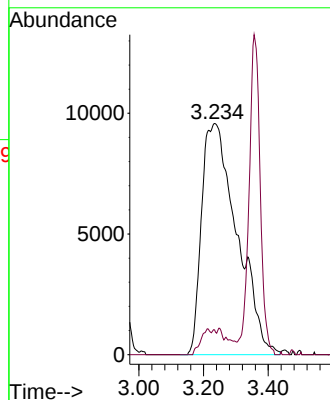
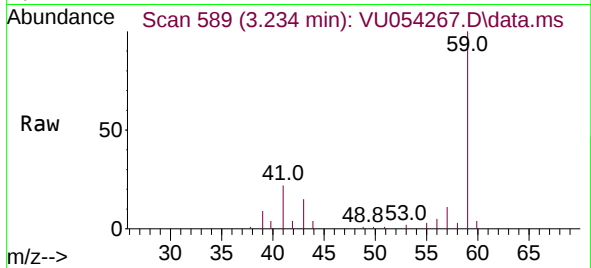
#11
Tert butyl alcohol
Concen: 97.437 ug/l m
RT: 3.234 min Scan# 598
Delta R.T. -0.009 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 7264
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8

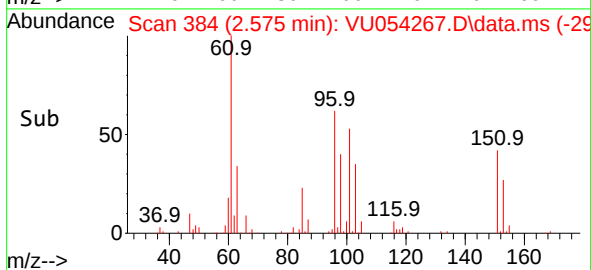
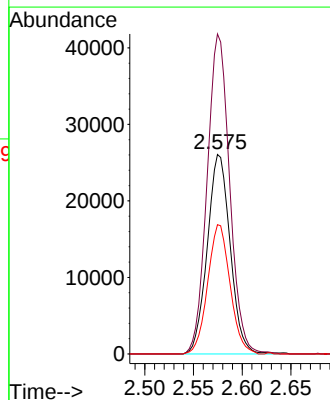
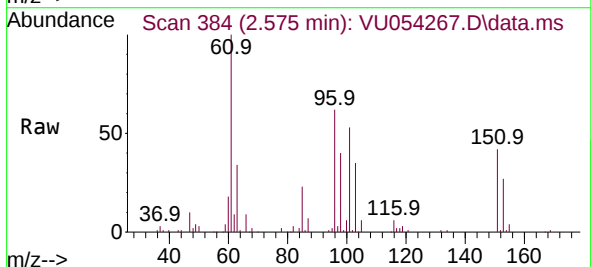
Manual Integrations
APPROVED

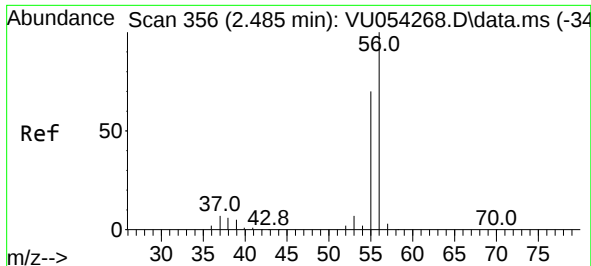
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#12
1,1-Dichloroethene
Concen: 18.887 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Tgt Ion: 96 Resp: 42620
Ion Ratio Lower Upper
96 100
61 160.3 122.2 183.2
98 64.8 50.7 76.1





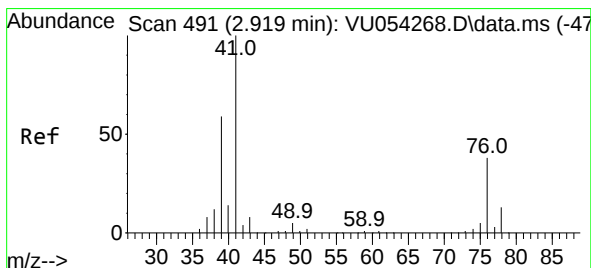
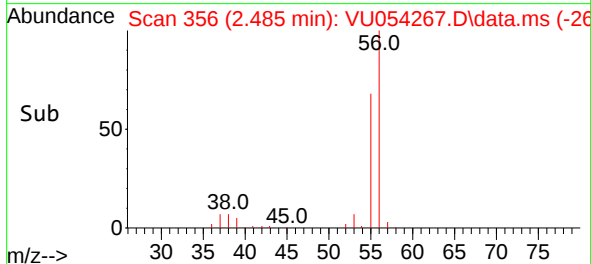
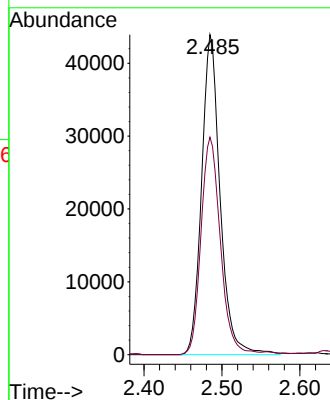
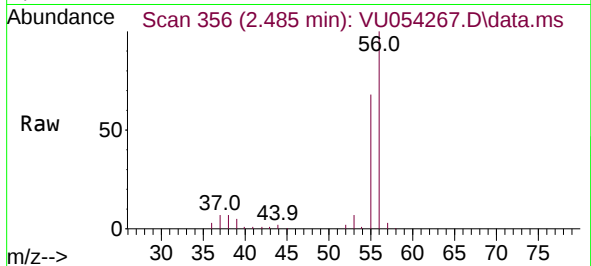
#13
Acrolein
Concen: 93.882 ug/l
RT: 2.485 min Scan# 356
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 72552
Ion Ratio Lower Upper
56 100
55 70.9 56.6 85.0

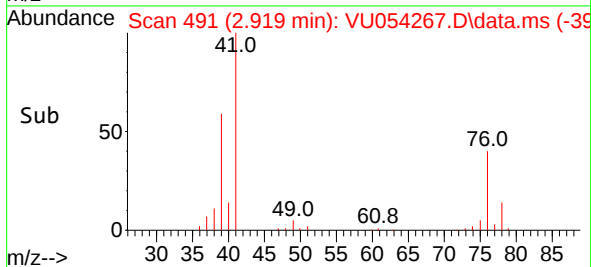
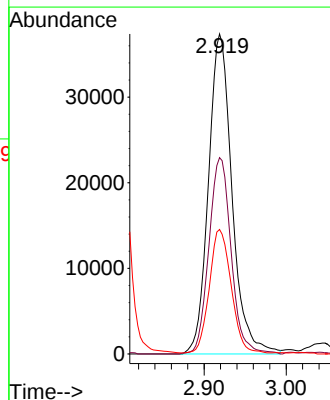
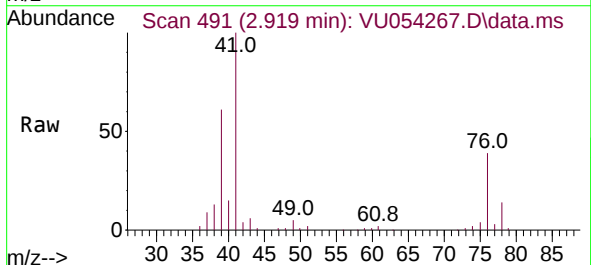
Manual Integrations
APPROVED

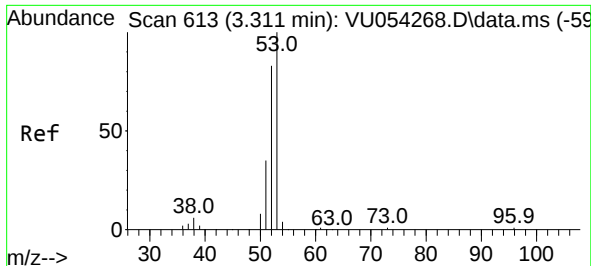
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#14
Allyl chloride
Concen: 19.075 ug/l
RT: 2.919 min Scan# 491
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

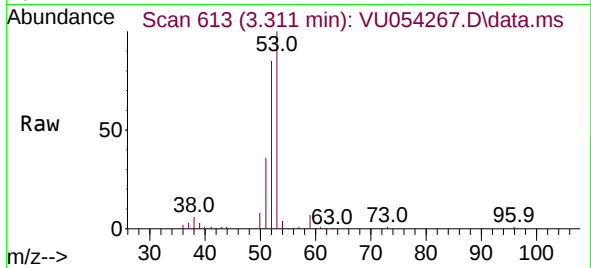
Tgt Ion: 41 Resp: 74631
Ion Ratio Lower Upper
41 100
39 57.9 53.4 80.2
76 35.7 33.8 50.6





#15
Acrylonitrile
Concen: 98.341 ug/l
RT: 3.311 min Scan# 613
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

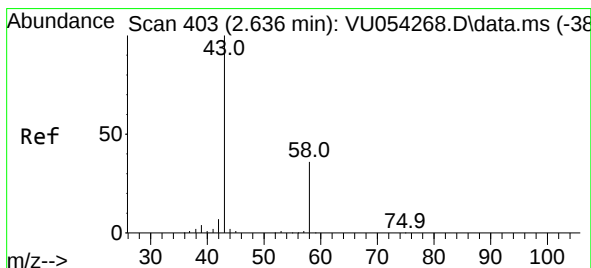
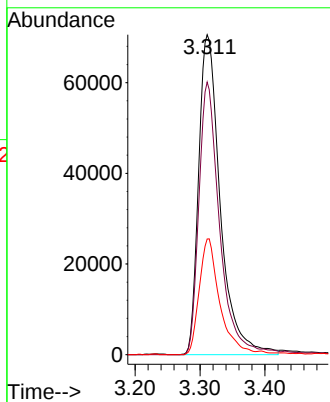
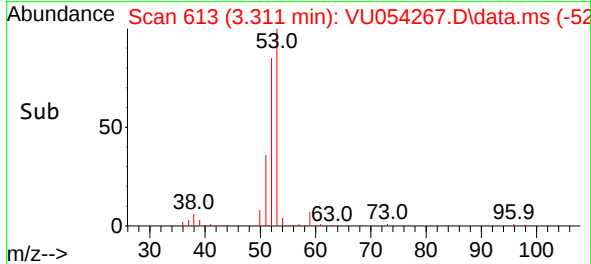
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 163790
Ion Ratio Lower Upper
53 100
52 81.6 65.7 98.5
51 34.2 28.2 42.4

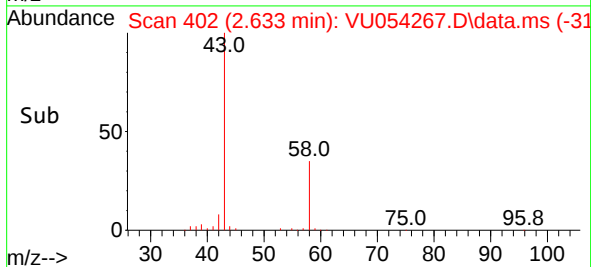
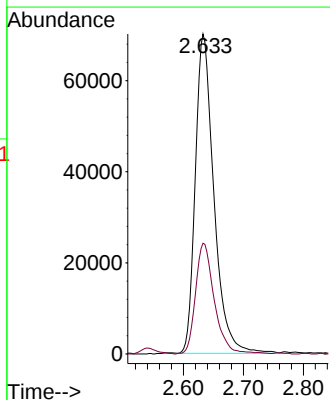
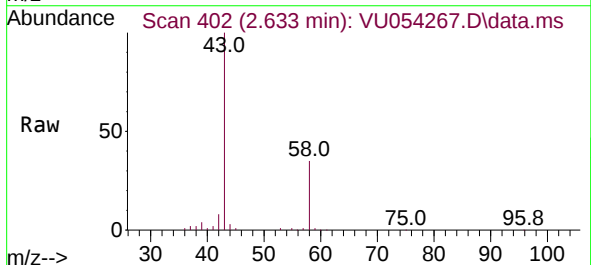
Manual Integrations
APPROVED

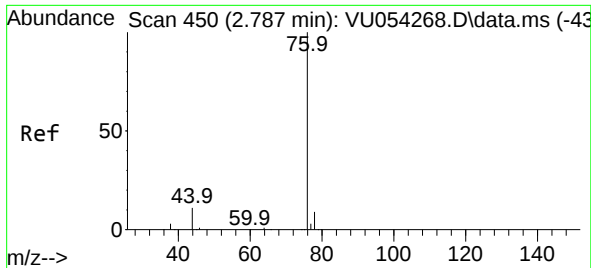
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#16
Acetone
Concen: 95.915 ug/l
RT: 2.633 min Scan# 402
Delta R.T. -0.003 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Tgt Ion: 43 Resp: 151198
Ion Ratio Lower Upper
43 100
58 34.5 27.5 41.3





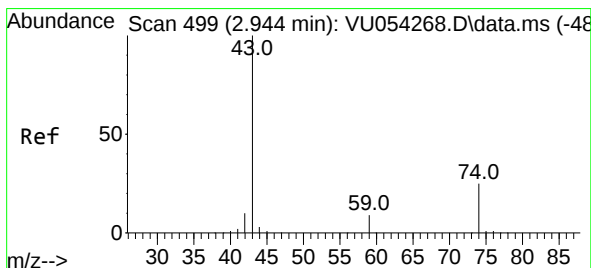
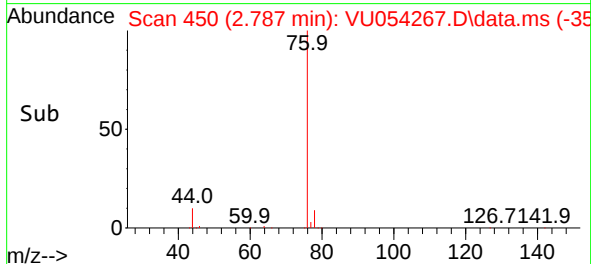
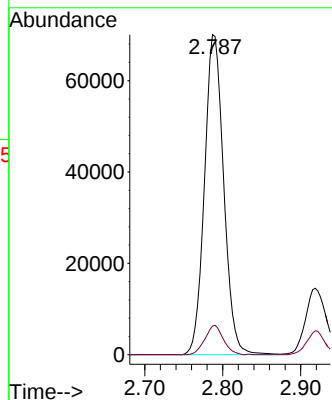
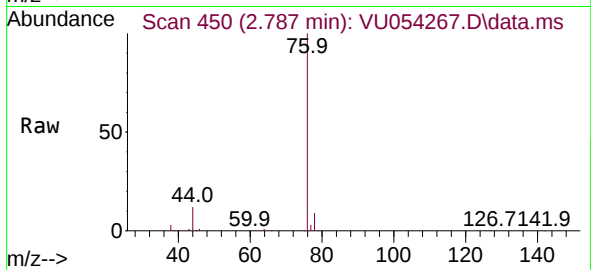
#17
Carbon Disulfide
Concen: 18.014 ug/l
RT: 2.787 min Scan# 411
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 120133
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

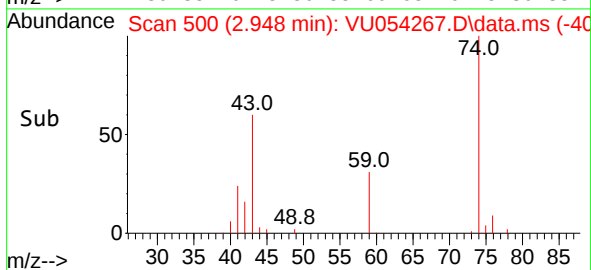
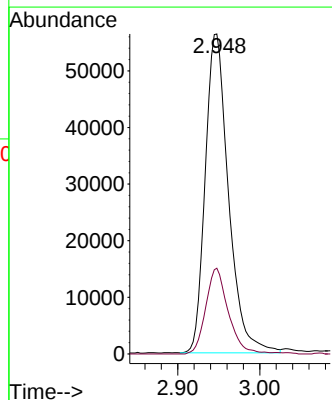
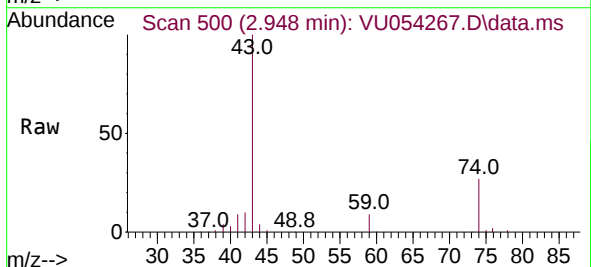
Manual Integrations
APPROVED

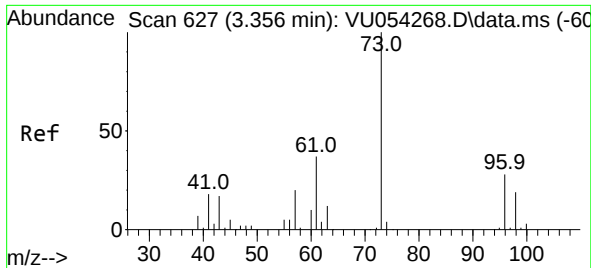
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#18
Methyl Acetate
Concen: 19.337 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.003 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

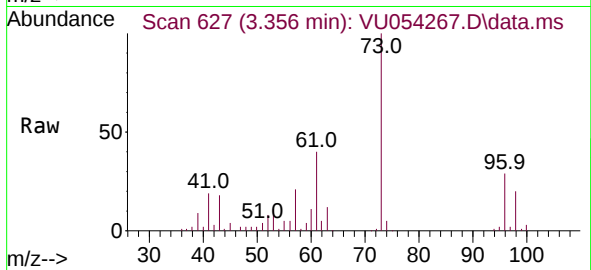
Tgt Ion: 43 Resp: 111301
Ion Ratio Lower Upper
43 100
74 25.9 22.5 33.7





#19
Methyl tert-butyl Ether
Concen: 19.589 ug/l
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

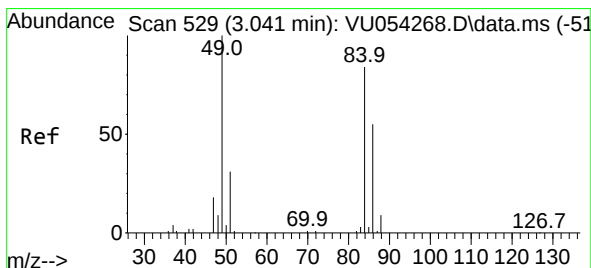
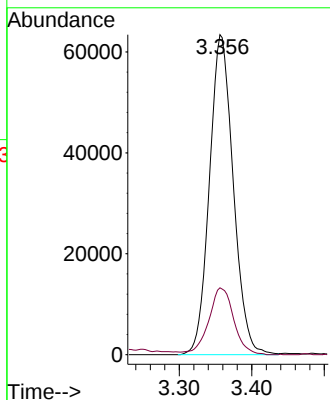
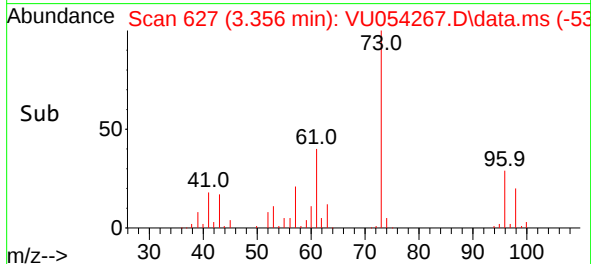
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



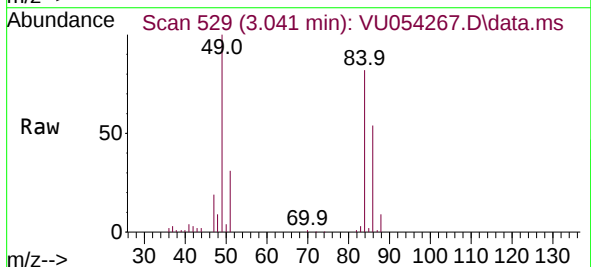
Tgt Ion: 73 Resp: 144690
Ion Ratio Lower Upper
73 100
57 20.9 17.1 25.7

Manual Integrations
APPROVED

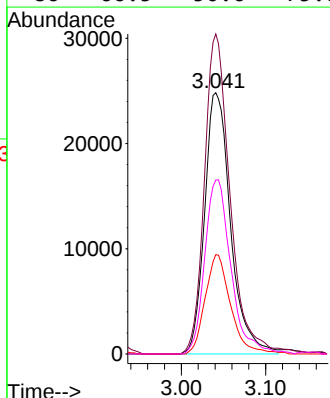
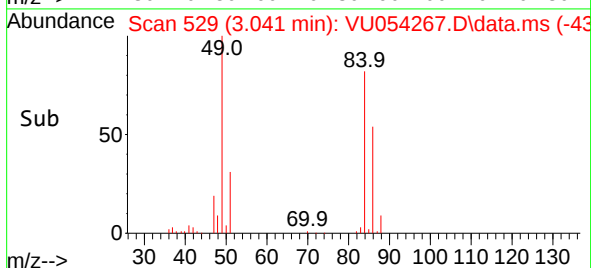
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023

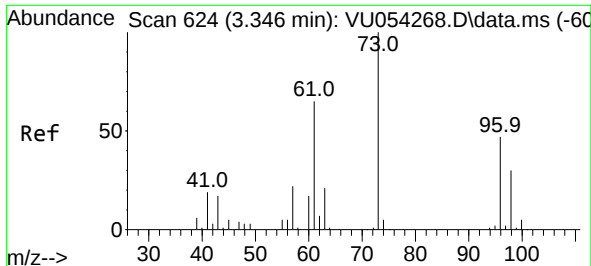


#20
Methylene Chloride
Concen: 18.752 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44



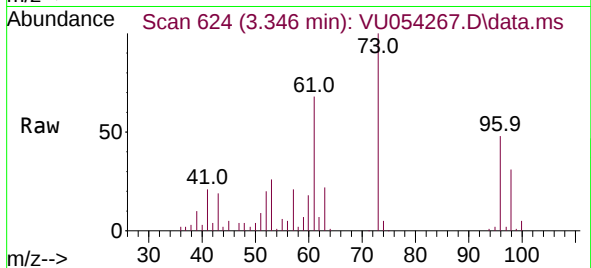
Tgt Ion: 84 Resp: 53329
Ion Ratio Lower Upper
84 100
49 122.4 86.6 129.8
51 38.0 26.6 40.0
86 66.5 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 19.141 ug/l
RT: 3.346 min Scan# 612
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

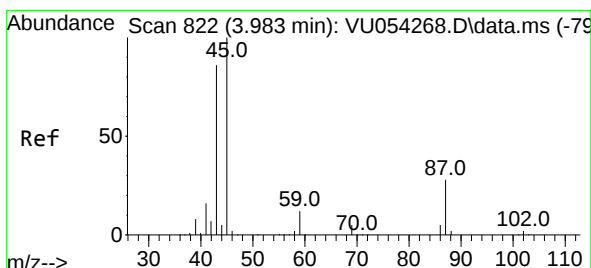
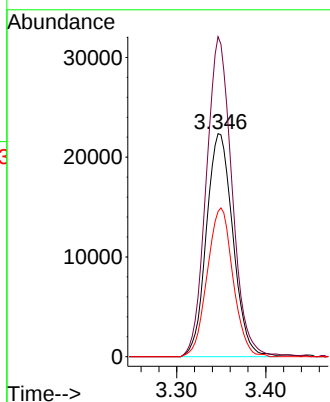
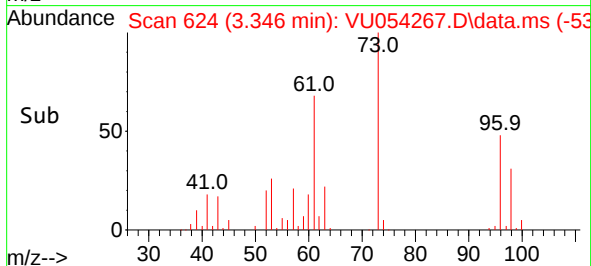
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



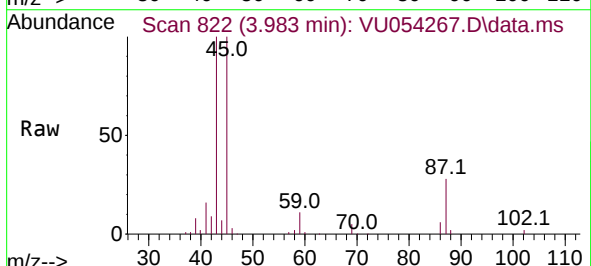
Tgt Ion: 96 Resp: 4624
Ion Ratio Lower Upper
96 100
61 143.5 106.1 159.1
98 65.1 50.8 76.2

Manual Integrations
APPROVED

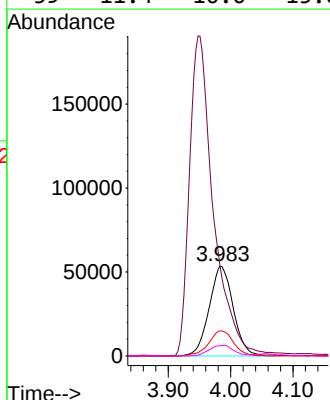
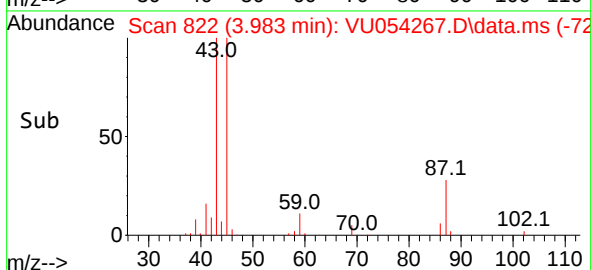
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023

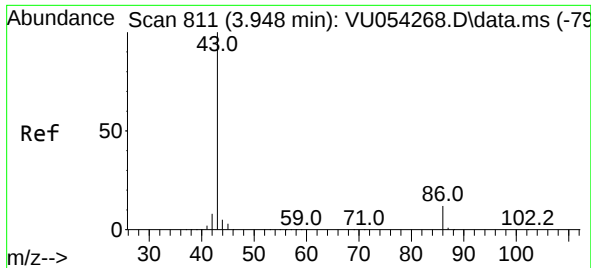


#22
Diisopropyl ether
Concen: 20.651 ug/l
RT: 3.983 min Scan# 822
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44



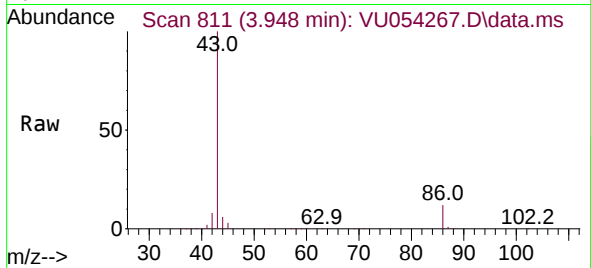
Tgt Ion: 45 Resp: 143205
Ion Ratio Lower Upper
45 100
43 97.2 92.9 139.3
87 27.9 26.2 39.2
59 11.4 10.0 15.0





#23
 Vinyl Acetate
 Concen: 100.962 ug/l
 RT: 3.948 min Scan# 811
 Delta R.T. -0.000 min
 Lab File: VU054267.D
 Acq: 25 May 2023 14:44

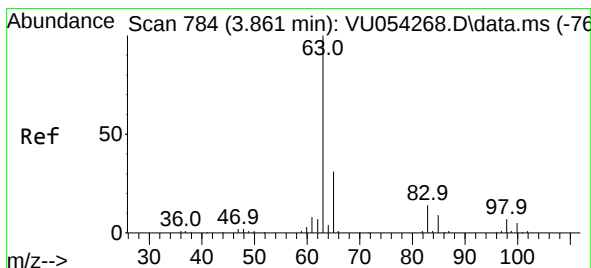
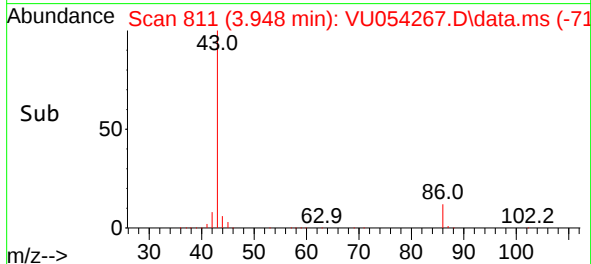
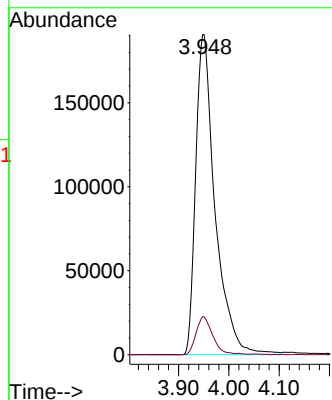
Instrument :
 MSVOA_U
 Client Sample Id :
 VSTDIC020



Tgt Ion: 43 Resp: 51088
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.8 14.8

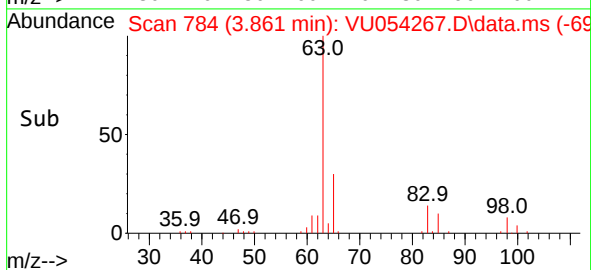
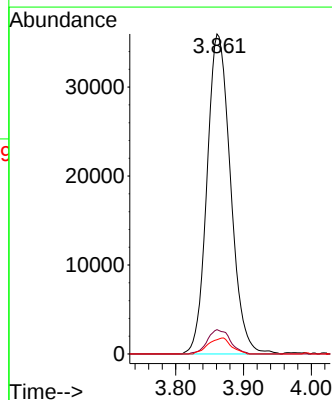
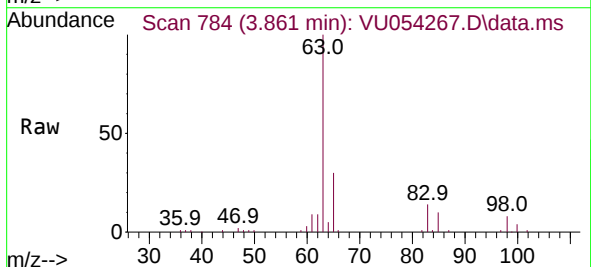
Manual Integrations
 APPROVED

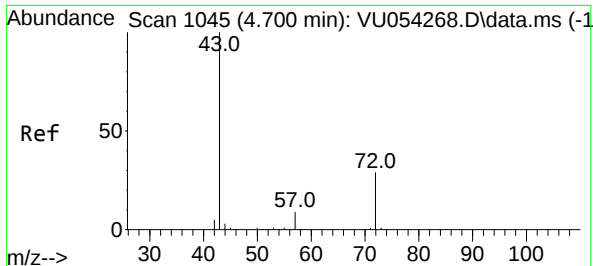
Reviewed By :Krupa Patel 05/26/2023
 Supervised By :Mahesh Dadoda 05/30/2023



#24
 1,1-Dichloroethane
 Concen: 19.501 ug/l
 RT: 3.861 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VU054267.D
 Acq: 25 May 2023 14:44

Tgt Ion: 63 Resp: 86594
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.9
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 100.388 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. -0.000 min

Lab File: VU054267.D

Acq: 25 May 2023 14:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 20952

Ion Ratio Lower Upper

43 100

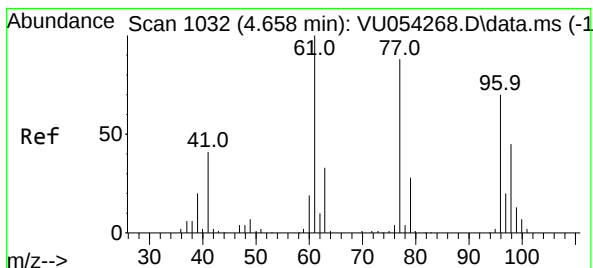
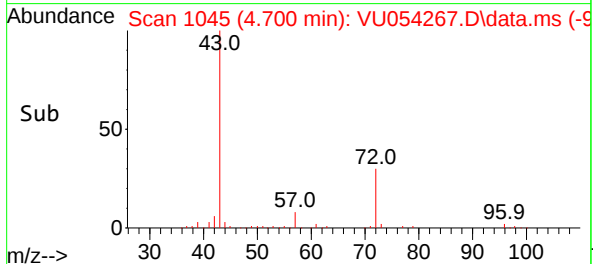
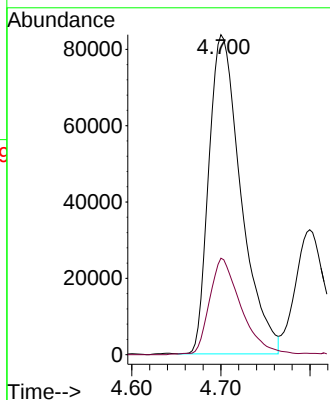
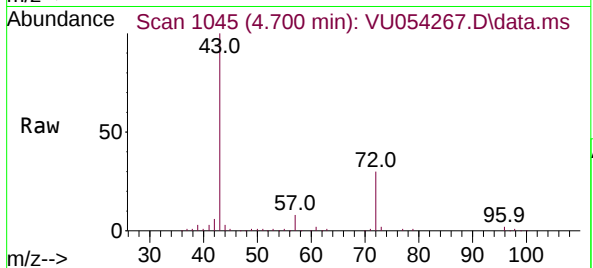
72 30.0 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/26/2023

Supervised By :Mahesh Dadoda 05/30/2023



#26

2,2-Dichloropropane

Concen: 19.350 ug/l

RT: 4.655 min Scan# 1031

Delta R.T. -0.003 min

Lab File: VU054267.D

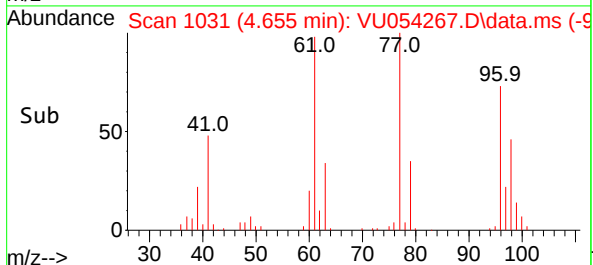
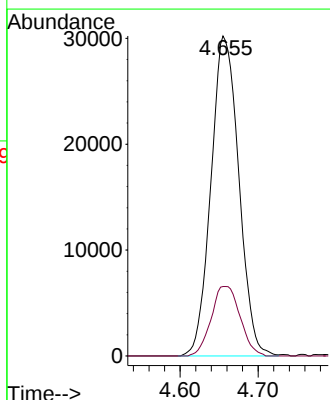
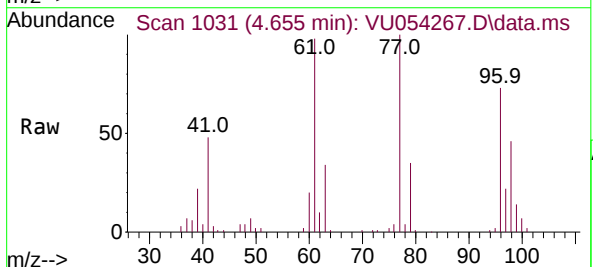
Acq: 25 May 2023 14:44

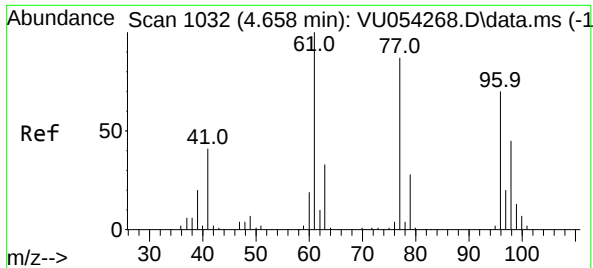
Tgt Ion: 77 Resp: 75090

Ion Ratio Lower Upper

77 100

97 22.5 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 19.596 ug/l
RT: 4.661 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Instrument :

MSVOA_U

ClientSampleId :

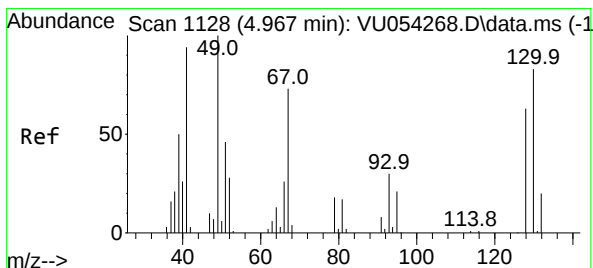
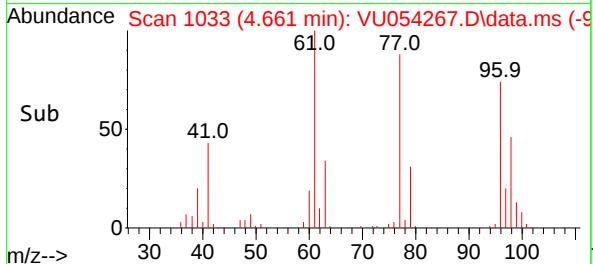
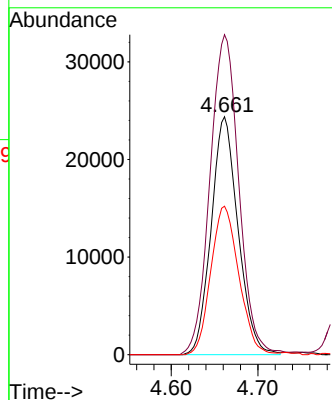
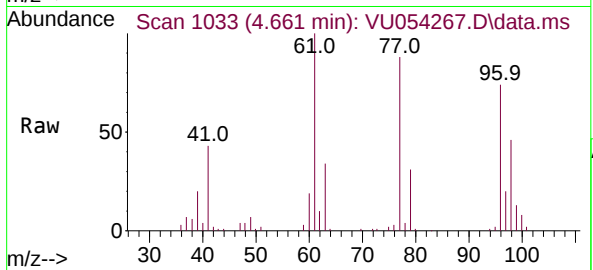
VSTDIC020

Tgt Ion: 96 Resp: 5266
Ion Ratio Lower Upper
96 100
61 144.1 0.0 271.6
98 65.0 0.0 128.2

Manual Integrations

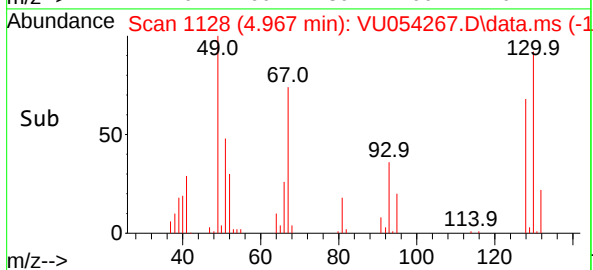
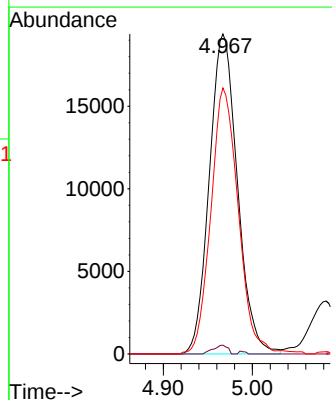
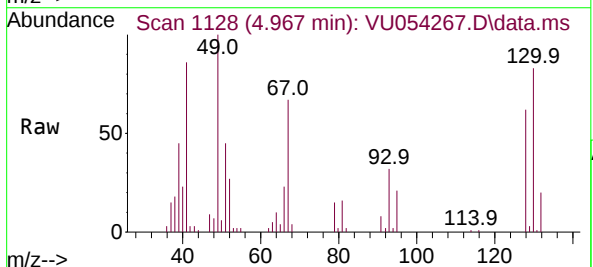
APPROVED

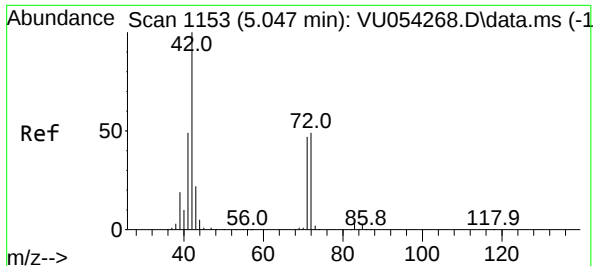
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#28
Bromochloromethane
Concen: 20.681 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Tgt Ion: 49 Resp: 42496
Ion Ratio Lower Upper
49 100
129 1.4 0.0 4.6
130 80.7 76.9 115.3





#29

Tetrahydrofuran

Concen: 100.310 ug/l

RT: 5.050 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VU054267.D

Acq: 25 May 2023 14:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 13159

Ion Ratio Lower Upper

42 100

72 48.2 42.6 63.8

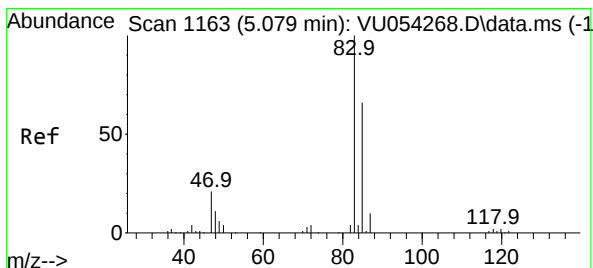
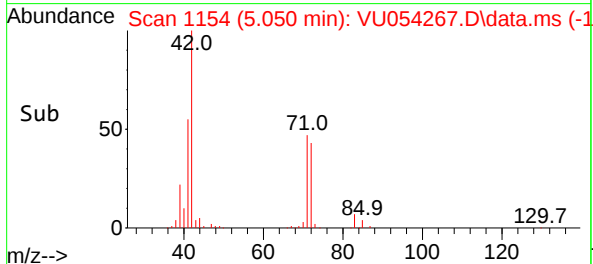
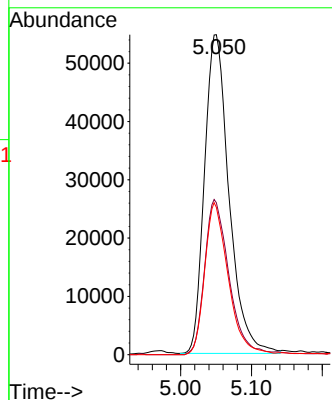
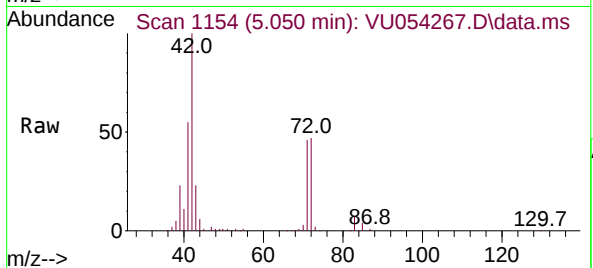
71 45.6 40.3 60.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/26/2023

Supervised By :Mahesh Dadoda 05/30/2023



#30

Chloroform

Concen: 19.612 ug/l

RT: 5.079 min Scan# 1163

Delta R.T. -0.000 min

Lab File: VU054267.D

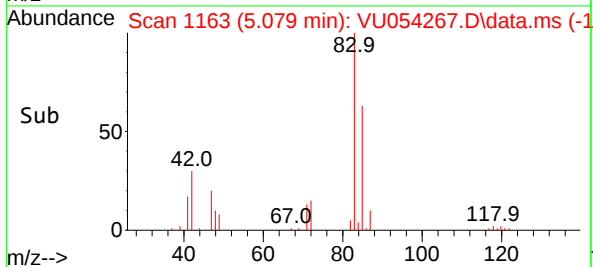
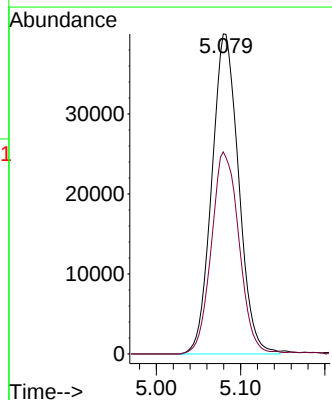
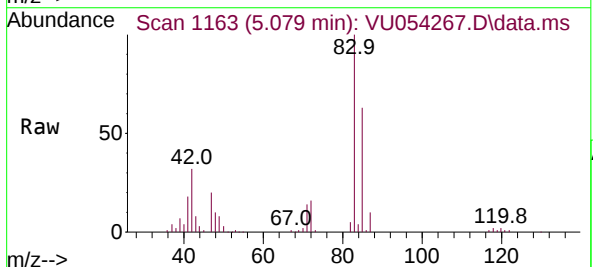
Acq: 25 May 2023 14:44

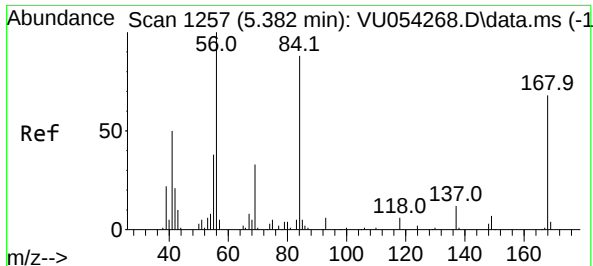
Tgt Ion: 83 Resp: 88526

Ion Ratio Lower Upper

83 100

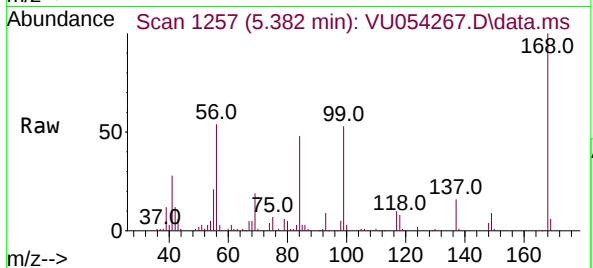
85 63.2 51.2 76.8





#31
Cyclohexane
Concen: 19.392 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

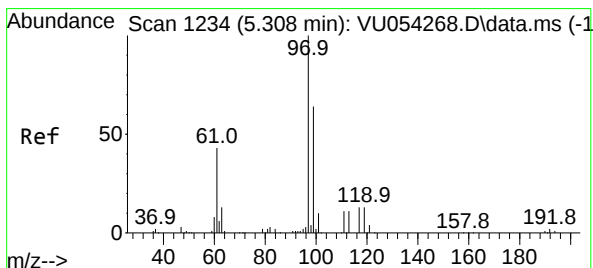
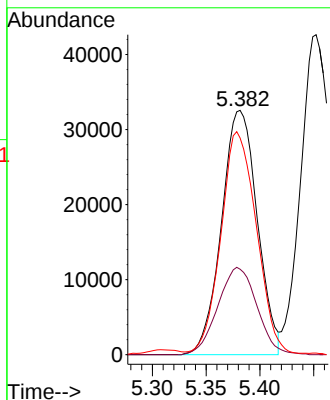
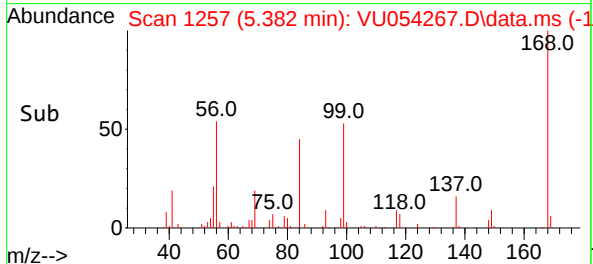
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



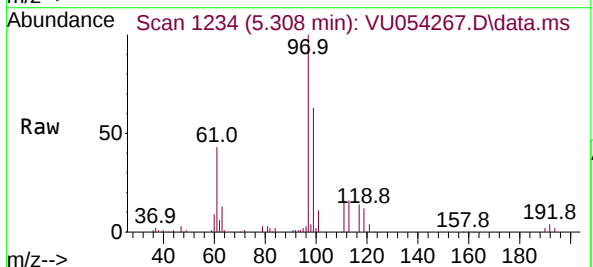
Tgt Ion: 56 Resp: 7530
Ion Ratio Lower Upper
56 100
69 35.0 27.8 41.8
84 87.2 74.2 111.4

Manual Integrations
APPROVED

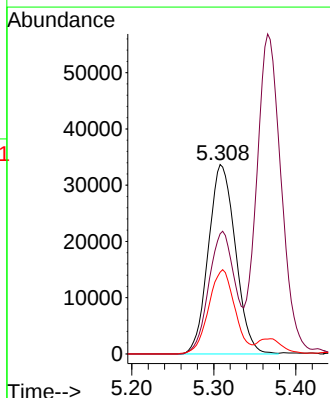
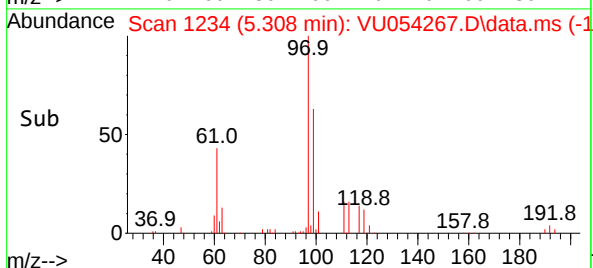
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023

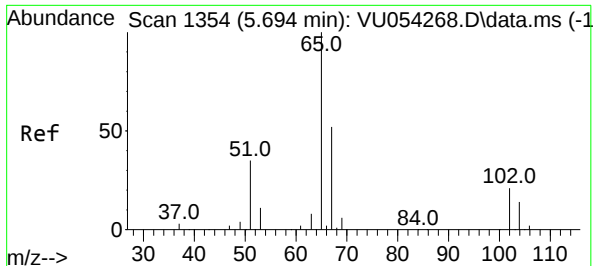


#32
1,1,1-Trichloroethane
Concen: 19.737 ug/l
RT: 5.308 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44



Tgt Ion: 97 Resp: 77345
Ion Ratio Lower Upper
97 100
99 63.0 51.8 77.6
61 43.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 19.557 ug/l

RT: 5.697 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU054267.D

Acq: 25 May 2023 14:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 5378

Ion Ratio Lower Upper

65 100

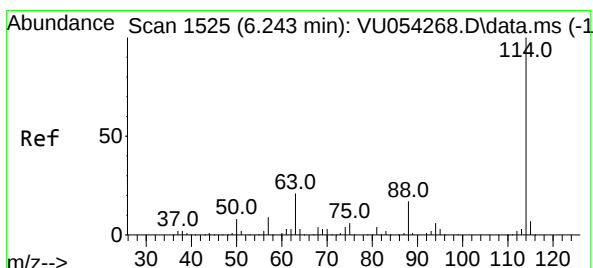
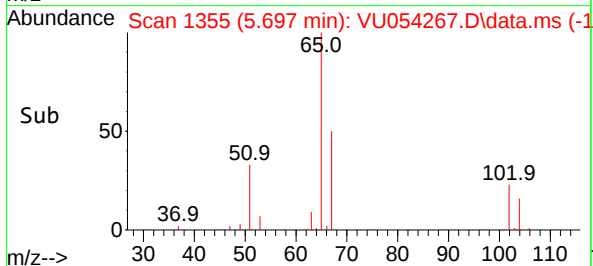
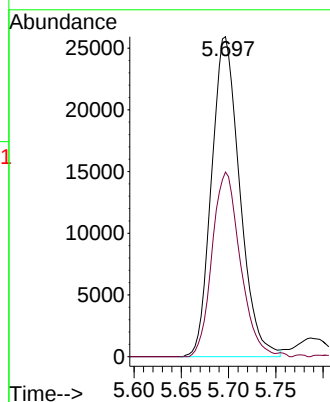
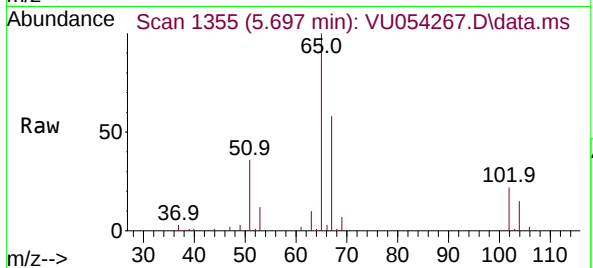
67 57.5 0.0 108.0

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: 6.243 min Scan# 1525

Delta R.T. -0.000 min

Lab File: VU054267.D

Acq: 25 May 2023 14:44

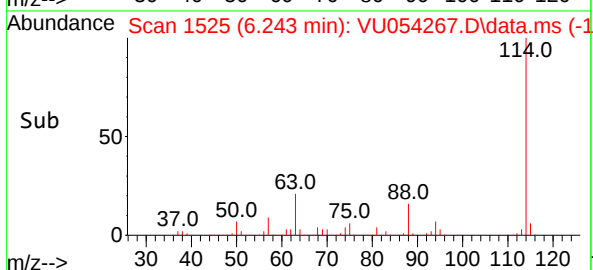
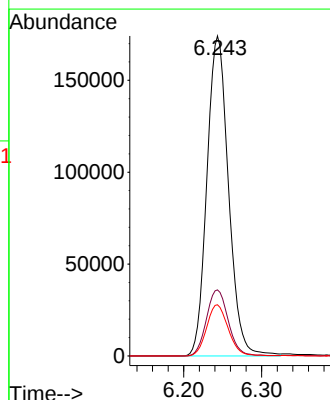
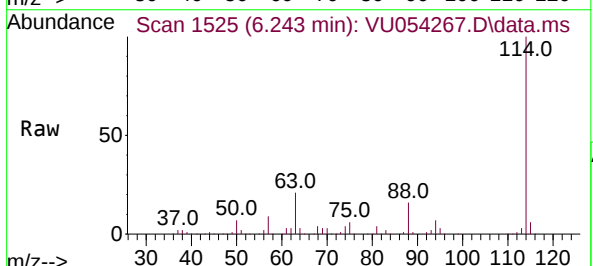
Tgt Ion:114 Resp: 335298

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.8

88 16.0 0.0 29.2





#35

Dibromofluoromethane

Concen: 20.151 ug/l

RT: 5.282 min Scan# 1113

Delta R.T. -0.000 min

Lab File: VU054267.D

Acq: 25 May 2023 14:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

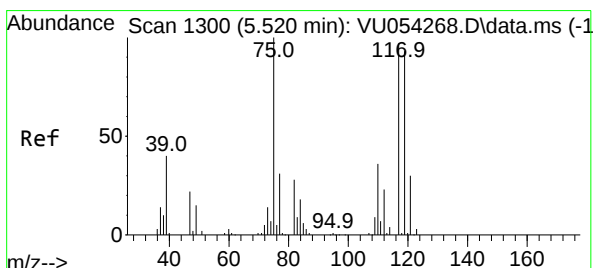
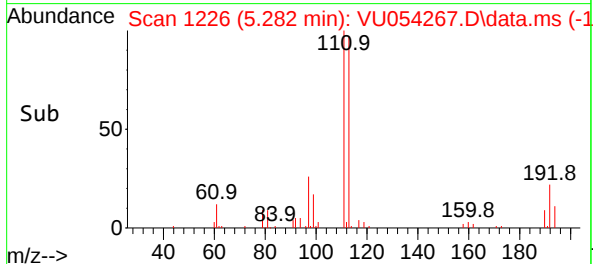
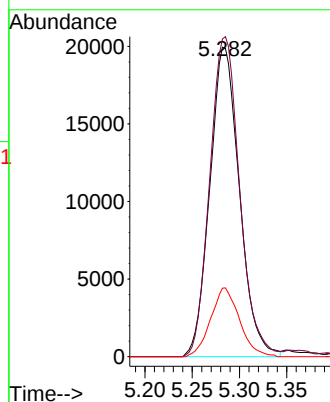
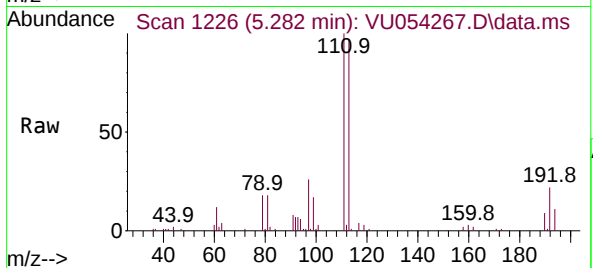
Tgt Ion:	113	Resp:	4351
Ion Ratio	Lower	Upper	
113	100		
111	103.9	82.1	123.1
192	21.6	18.0	27.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/26/2023

Supervised By :Mahesh Dadoda 05/30/2023



#36

1,1-Dichloropropene

Concen: 18.214 ug/l

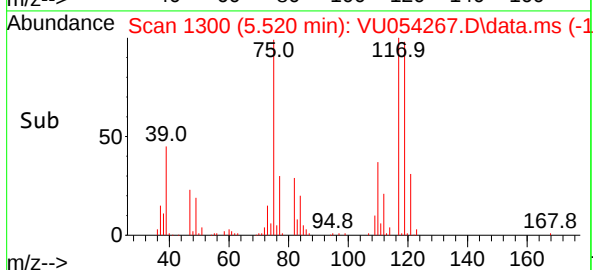
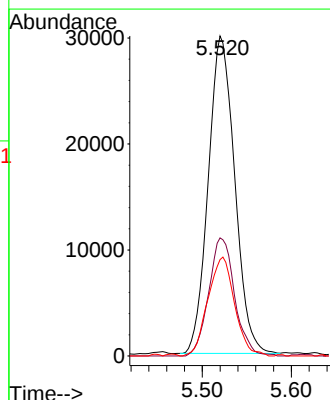
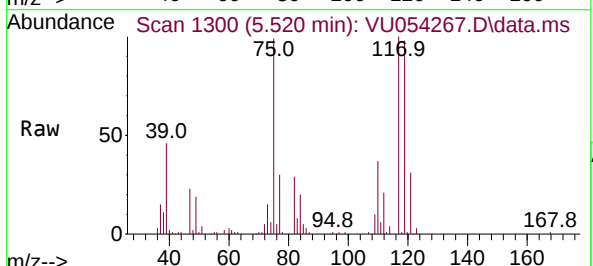
RT: 5.520 min Scan# 1300

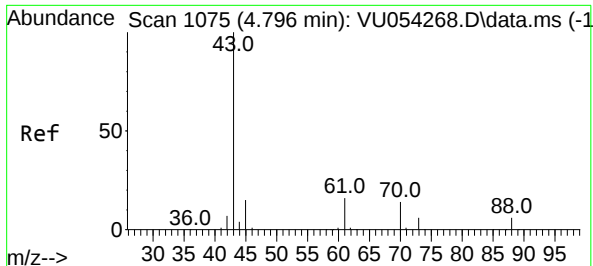
Delta R.T. -0.000 min

Lab File: VU054267.D

Acq: 25 May 2023 14:44

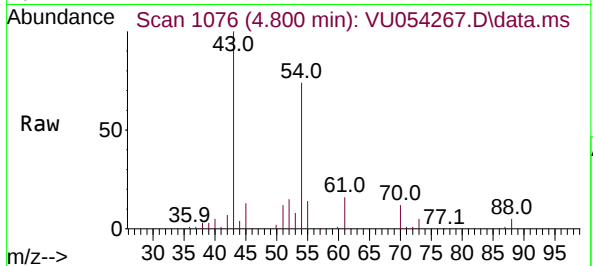
Tgt Ion:	75	Resp:	61771
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.4	55.2
77	31.4	25.1	37.7





#37
Ethyl Acetate
Concen: 18.272 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

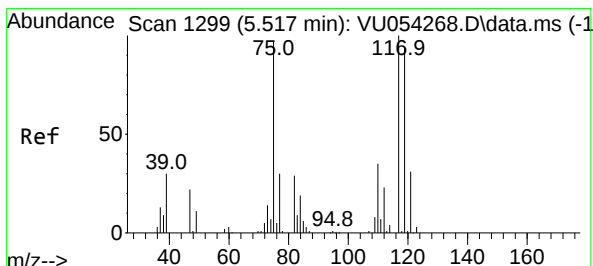
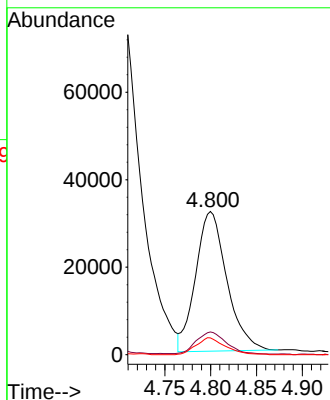
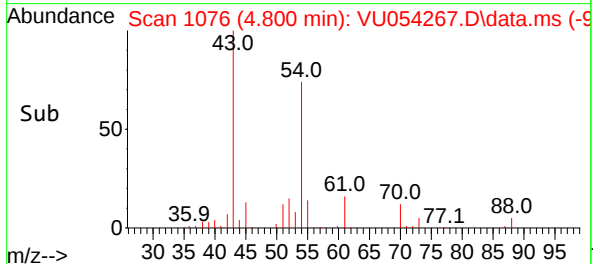
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 75524
Ion Ratio Lower Upper
43 100
61 15.2 9.5 14.3
70 11.3 7.5 11.3

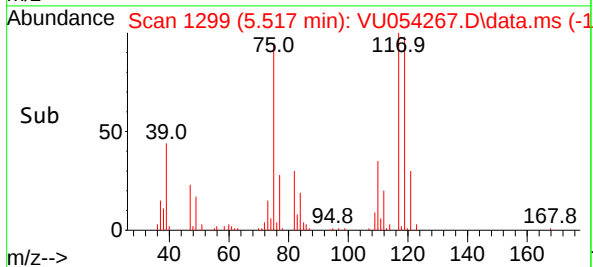
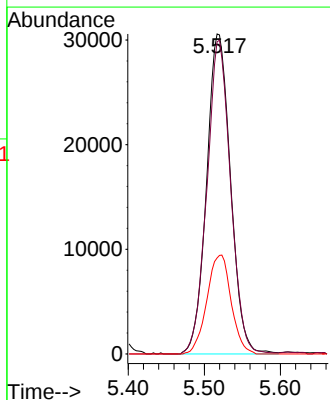
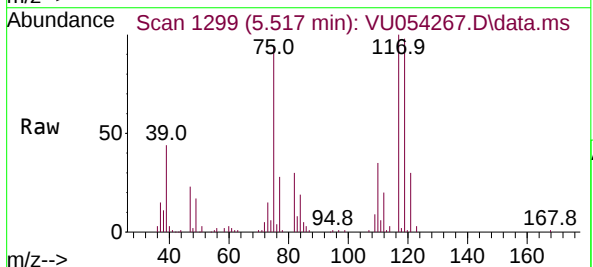
Manual Integrations
APPROVED

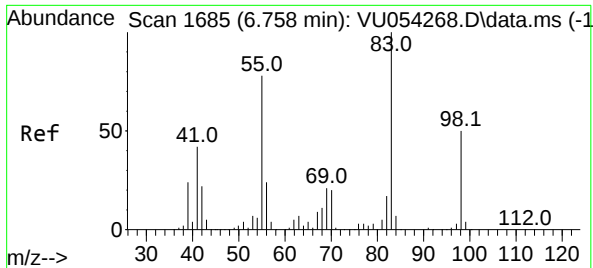
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#38
Carbon Tetrachloride
Concen: 19.295 ug/l
RT: 5.517 min Scan# 1299
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Tgt Ion:117 Resp: 66978
Ion Ratio Lower Upper
117 100
119 97.5 76.8 115.2
121 30.0 24.7 37.1





#39

Methylcyclohexane

Concen: 19.088 ug/l

RT: 6.755 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU054267.D

Acq: 25 May 2023 14:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 7332

Ion Ratio Lower Upper

83 100

55 76.0 55.3 82.9

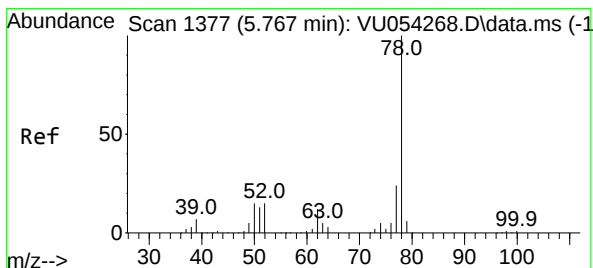
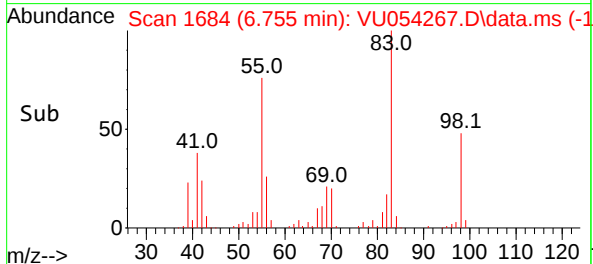
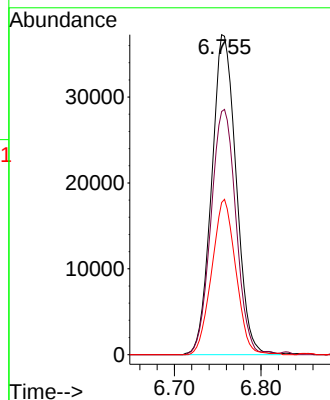
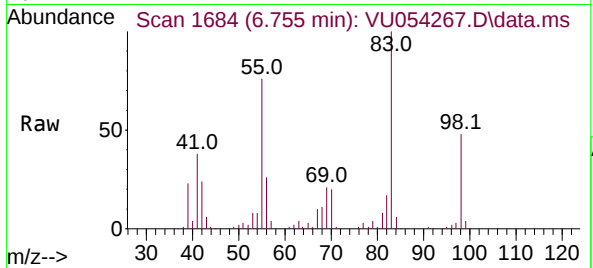
98 47.6 37.3 55.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/26/2023

Supervised By :Mahesh Dadoda 05/30/2023



#40

Benzene

Concen: 19.849 ug/l

RT: 5.767 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VU054267.D

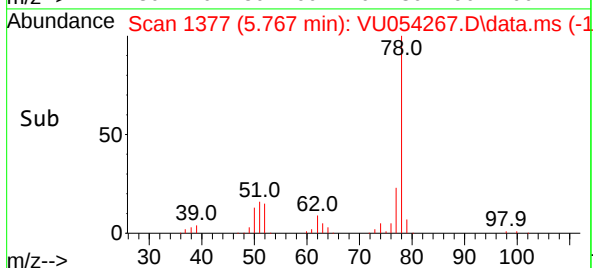
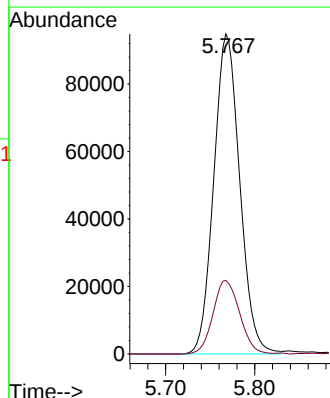
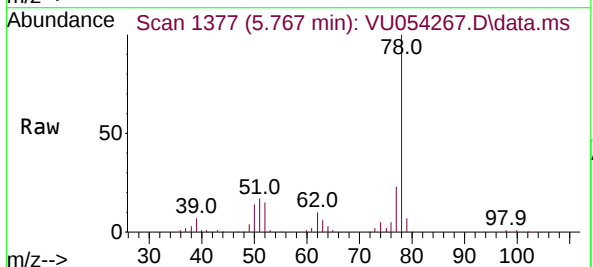
Acq: 25 May 2023 14:44

Tgt Ion: 78 Resp: 192017

Ion Ratio Lower Upper

78 100

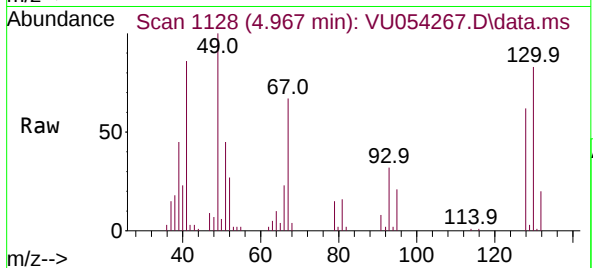
77 23.0 18.8 28.2





#41
Methacrylonitrile
Concen: 20.612 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

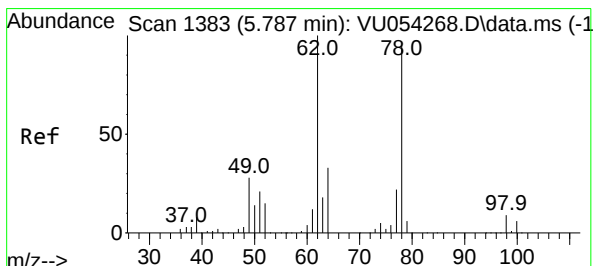
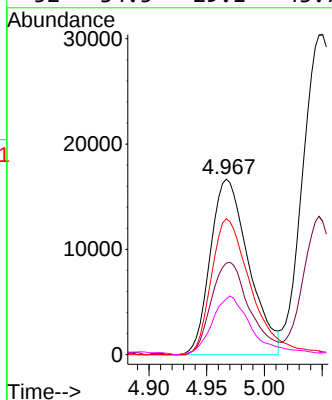
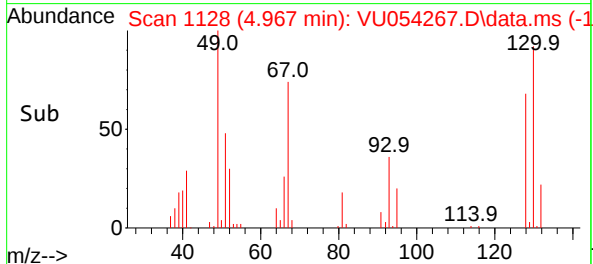
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



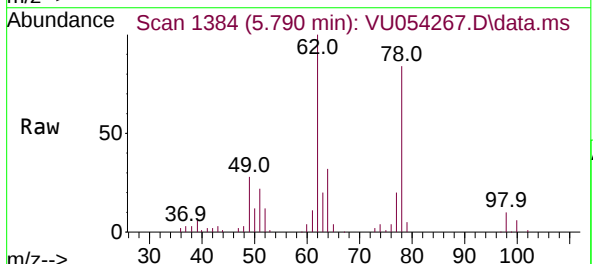
Tgt Ion: 41 Resp: 38520
Ion Ratio Lower Upper
41 100
39 53.0 43.1 64.7
67 80.5 72.3 108.5
52 34.5 29.1 43.7

Manual Integrations
APPROVED

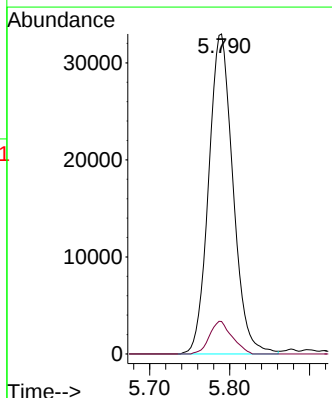
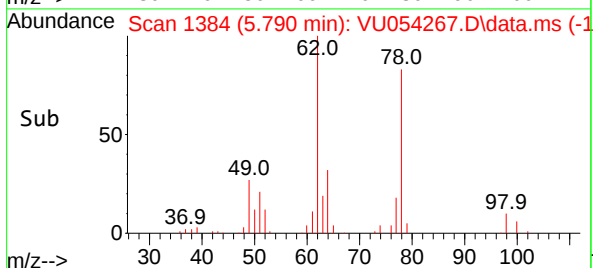
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#42
1,2-Dichloroethane
Concen: 19.861 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. 0.003 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44



Tgt Ion: 62 Resp: 69796
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.6





#43

Isopropyl Acetate

Concen: 19.290 ug/l

RT: 5.906 min Scan# 1419

Delta R.T. 0.003 min

Lab File: VU054267.D

Acq: 25 May 2023 14:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 109974

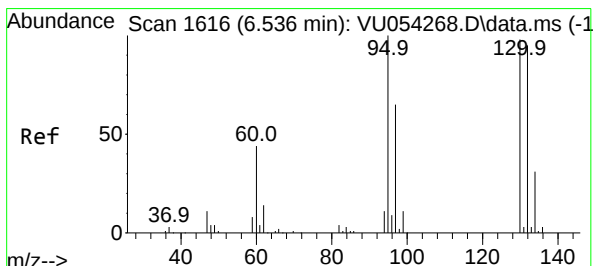
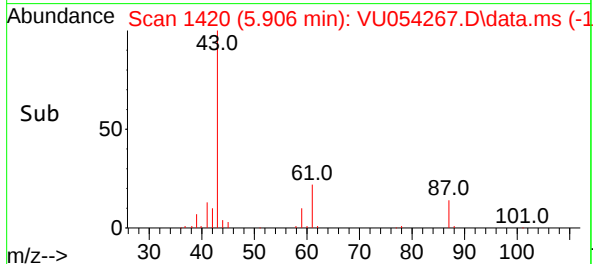
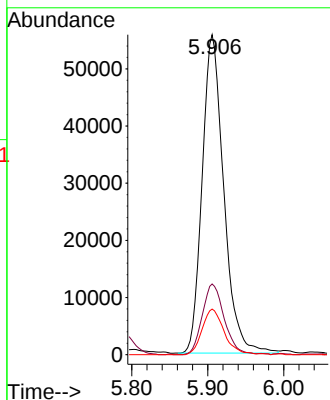
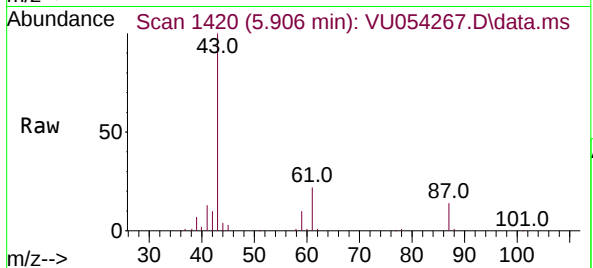
Ion	Ratio	Lower	Upper
43	100		
61	22.5	17.4	26.0
87	14.6	12.6	18.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/26/2023

Supervised By :Mahesh Dadoda 05/30/2023



#44

Trichloroethene

Concen: 18.977 ug/l

RT: 6.536 min Scan# 1616

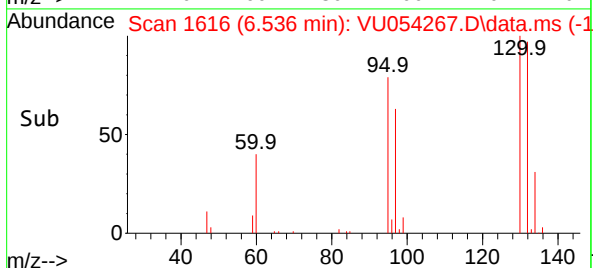
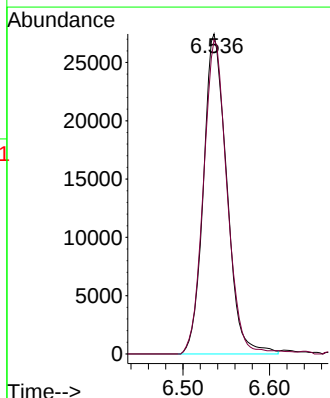
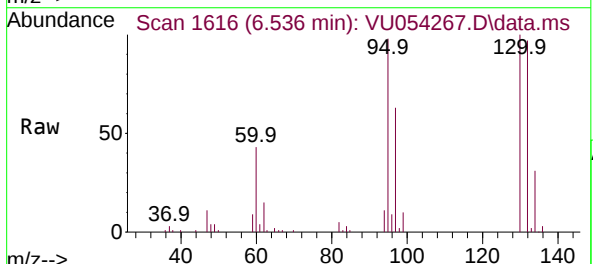
Delta R.T. -0.000 min

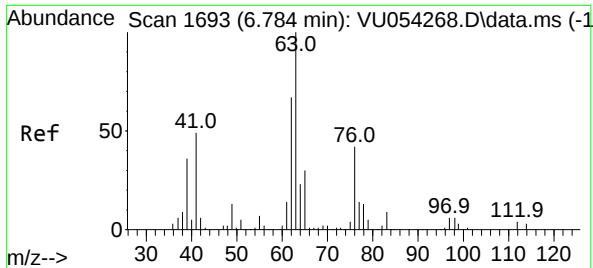
Lab File: VU054267.D

Acq: 25 May 2023 14:44

Tgt Ion:130 Resp: 51316

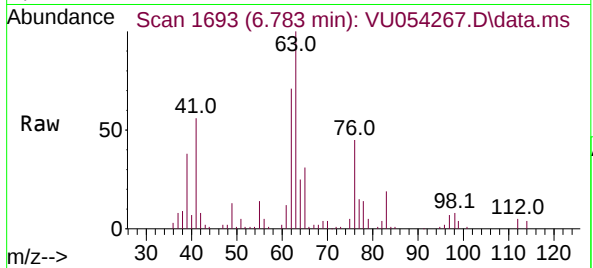
Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	184.6





#45
1,2-Dichloropropane
Concen: 20.019 ug/l
RT: 6.783 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

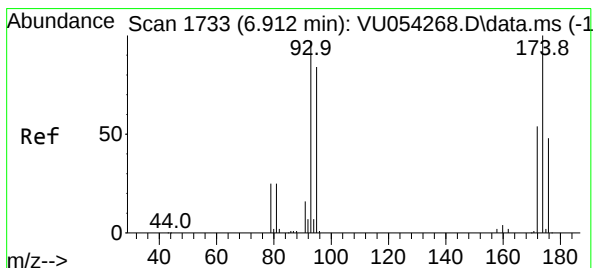
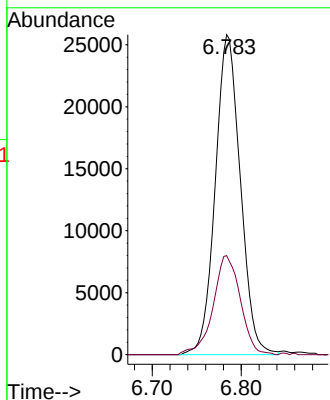
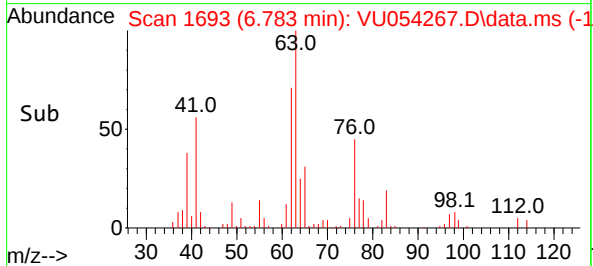
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



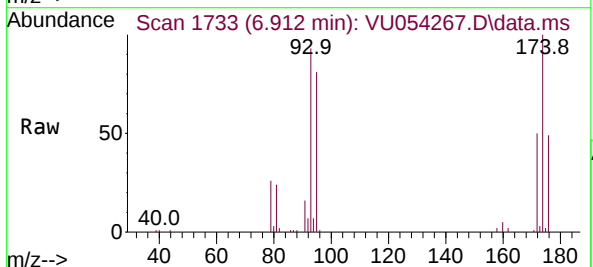
Tgt Ion: 63 Resp: 5052
Ion Ratio Lower Upper
63 100
65 30.9 25.0 37.4

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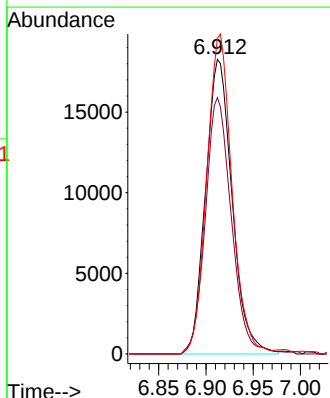
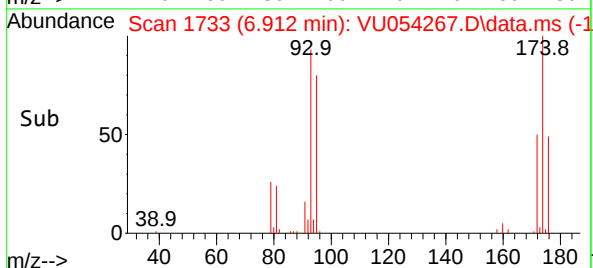
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023

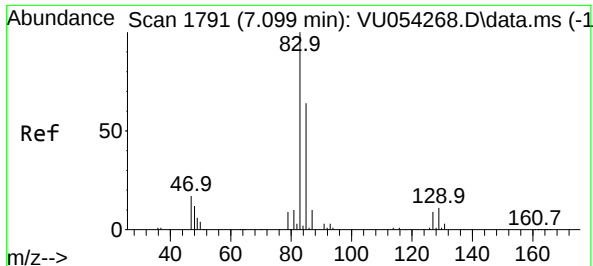


#46
Dibromomethane
Concen: 19.169 ug/l
RT: 6.912 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44



Tgt Ion: 93 Resp: 35609
Ion Ratio Lower Upper
93 100
95 85.3 66.3 99.5
174 103.4 88.2 132.4





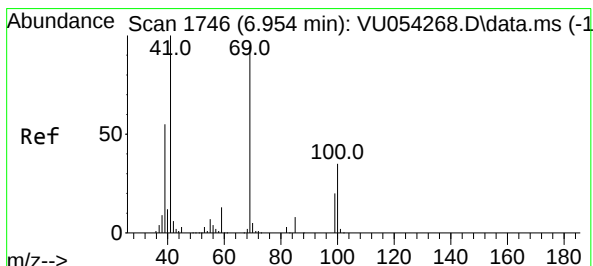
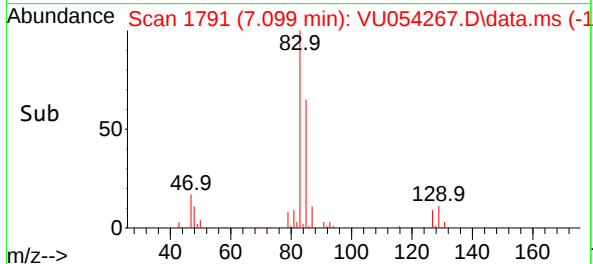
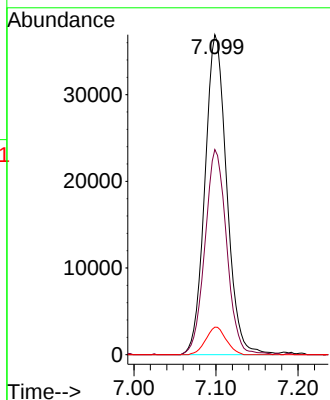
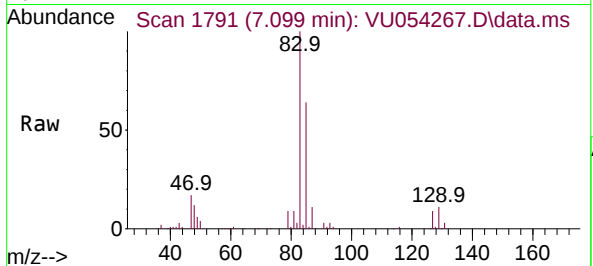
#47
Bromodichloromethane
Concen: 19.637 ug/l
RT: 7.099 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 68219
Ion Ratio Lower Upper
83 100
85 64.1 51.4 77.2
127 8.6 7.1 10.7

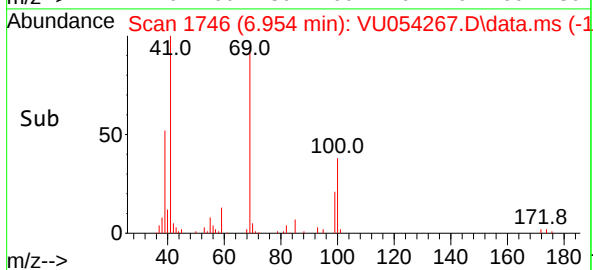
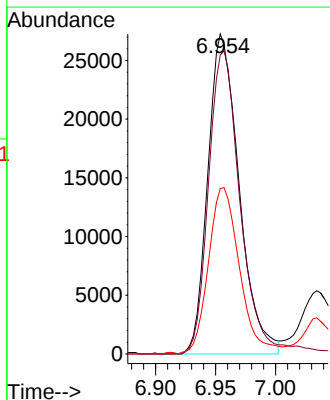
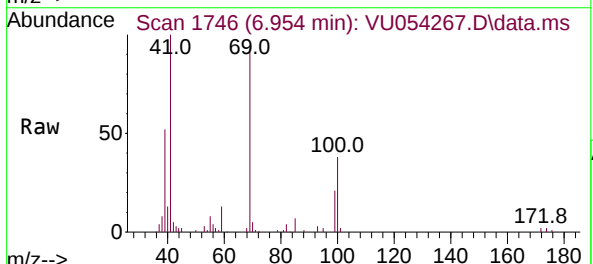
Manual Integrations
APPROVED

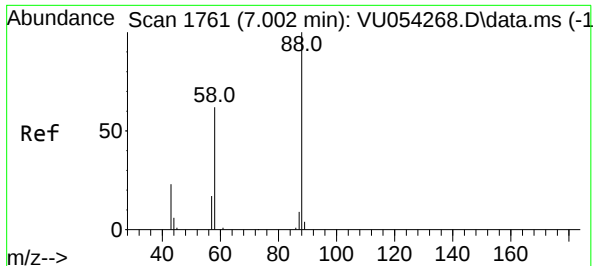
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#48
Methyl methacrylate
Concen: 19.529 ug/l
RT: 6.954 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Tgt Ion: 41 Resp: 49375
Ion Ratio Lower Upper
41 100
69 97.2 79.8 119.6
39 51.7 47.9 71.9





#49

1,4-Dioxane

Concen: 422.261 ug/l

RT: 7.005 min Scan# 1761

Delta R.T. 0.003 min

Lab File: VU054267.D

Acq: 25 May 2023 14:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

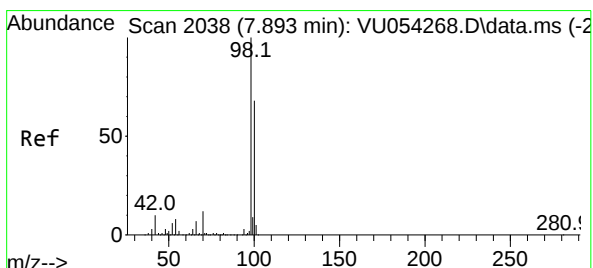
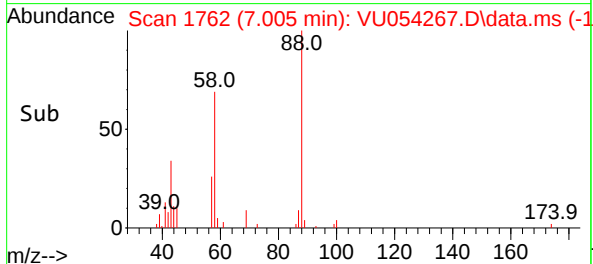
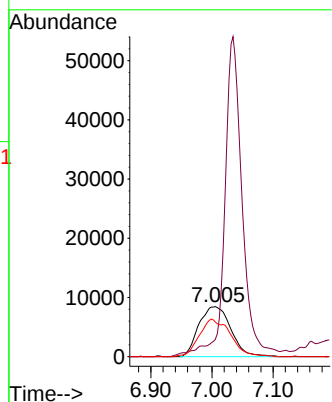
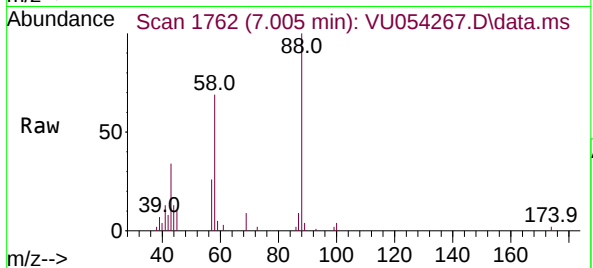
Tgt Ion: 88 Resp: 3082
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 73.7 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/26/2023

Supervised By :Mahesh Dadoda 05/30/2023



#50

Toluene-d8

Concen: 19.809 ug/l

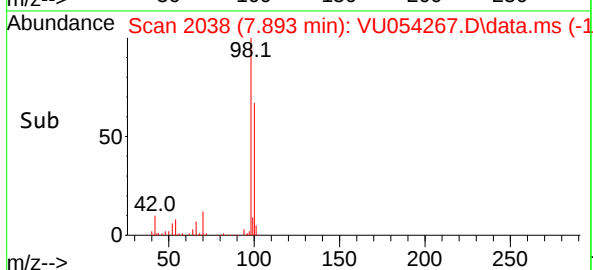
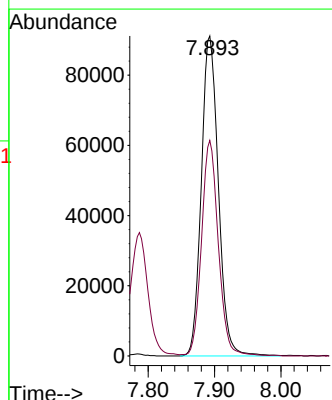
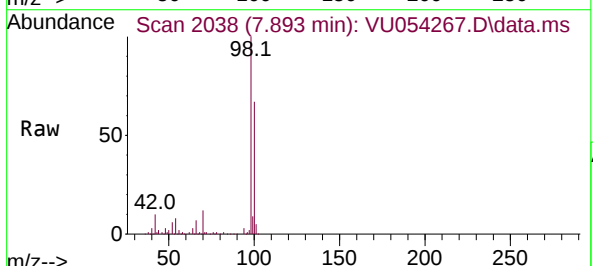
RT: 7.893 min Scan# 2038

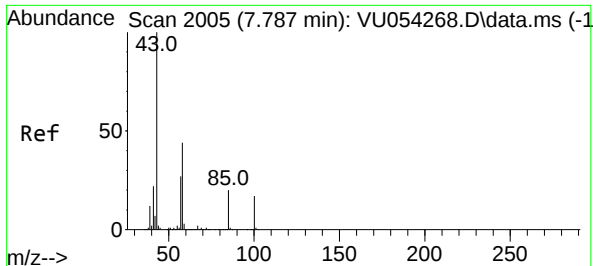
Delta R.T. -0.000 min

Lab File: VU054267.D

Acq: 25 May 2023 14:44

Tgt Ion: 98 Resp: 162690
 Ion Ratio Lower Upper
 98 100
 100 65.8 51.7 77.5





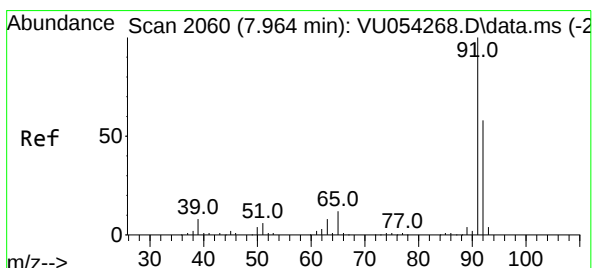
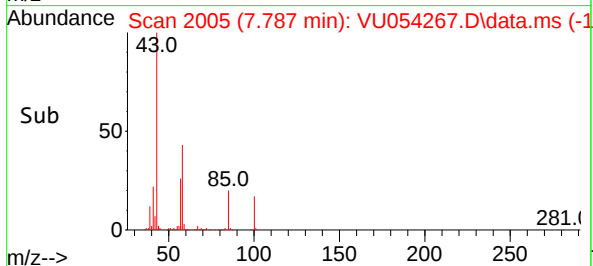
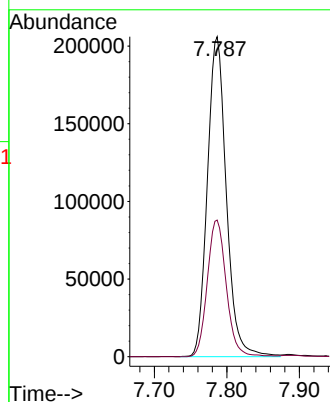
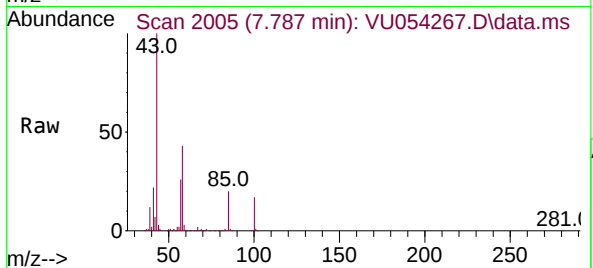
#51
4-Methyl-2-Pentanone
Concen: 98.253 ug/l
RT: 7.787 min Scan# 2005
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 373810
Ion Ratio Lower Upper
43 100
58 42.8 34.7 52.1

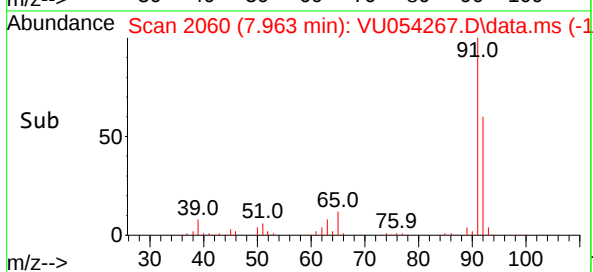
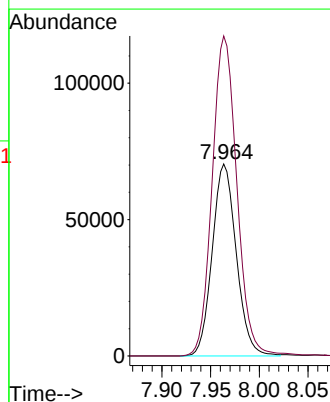
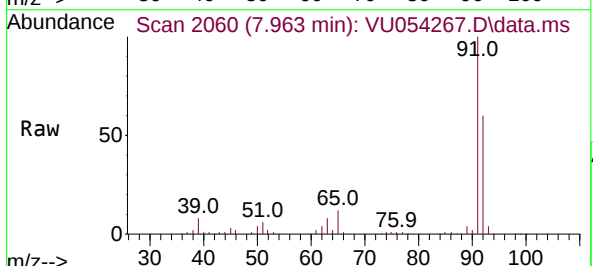
Manual Integrations
APPROVED

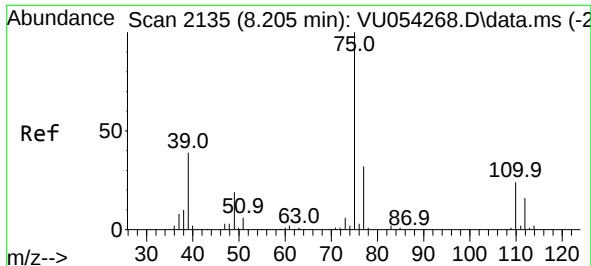
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#52
Toluene
Concen: 19.574 ug/l
RT: 7.963 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Tgt Ion: 92 Resp: 120740
Ion Ratio Lower Upper
92 100
91 171.3 138.2 207.4





#53
 t-1,3-Dichloropropene
 Concen: 19.241 ug/l
 RT: 8.205 min Scan# 2135
 Delta R.T. -0.000 min
 Lab File: VU054267.D
 Acq: 25 May 2023 14:44

Instrument :

MSVOA_U

ClientSampleId :

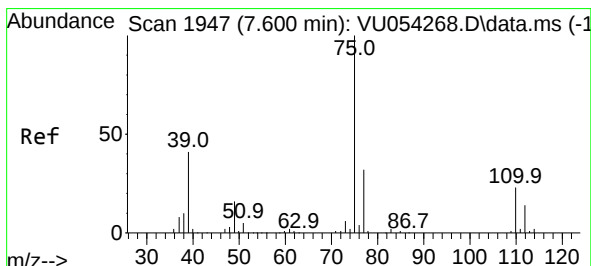
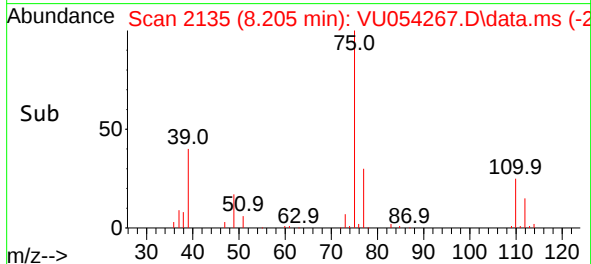
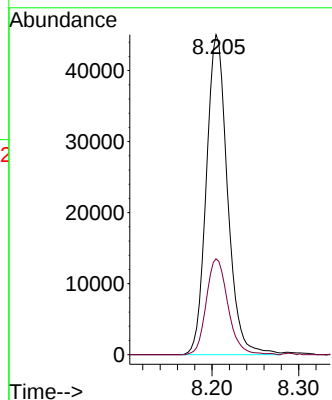
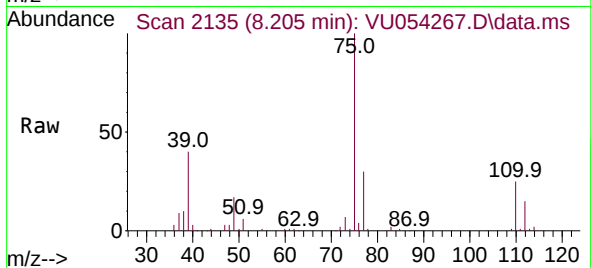
VSTDICC020

Tgt Ion: 75 Resp: 7647
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.4 38.0

Manual Integrations

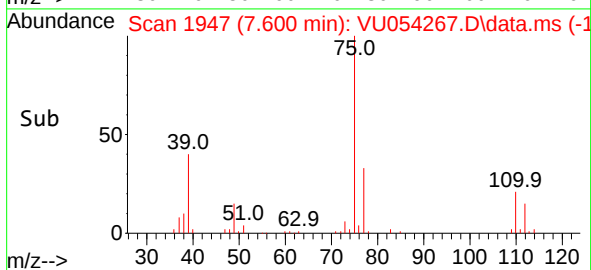
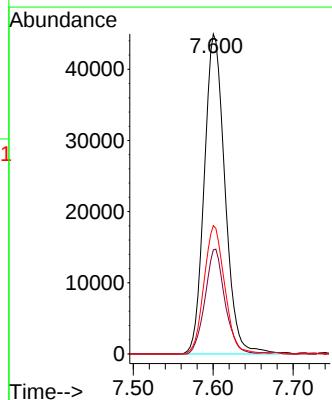
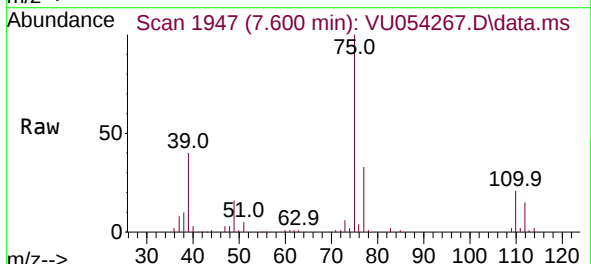
APPROVED

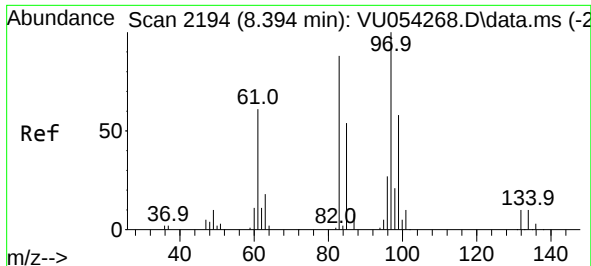
Reviewed By :Krupa Patel 05/26/2023
 Supervised By :Mahesh Dadoda 05/30/2023



#54
 cis-1,3-Dichloropropene
 Concen: 19.509 ug/l
 RT: 7.600 min Scan# 1947
 Delta R.T. -0.000 min
 Lab File: VU054267.D
 Acq: 25 May 2023 14:44

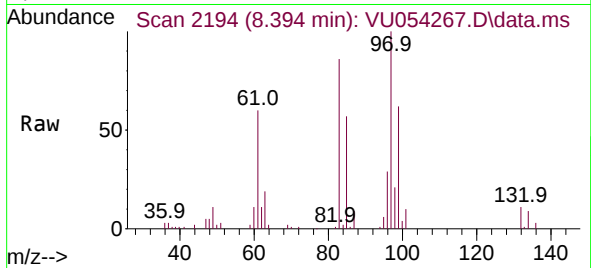
Tgt Ion: 75 Resp: 80920
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.7 38.5
 39 40.1 33.0 49.6





#55
1,1,2-Trichloroethane
Concen: 19.479 ug/l
RT: 8.394 min Scan# 2194
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

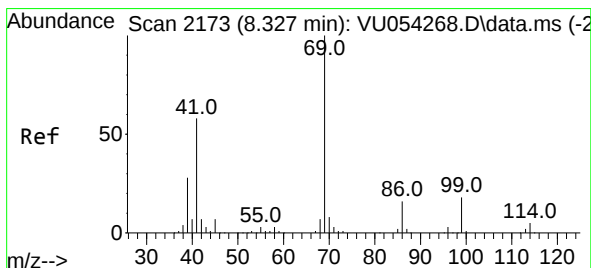
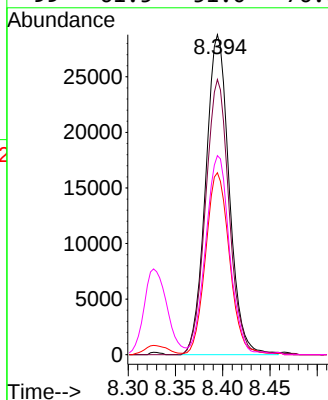
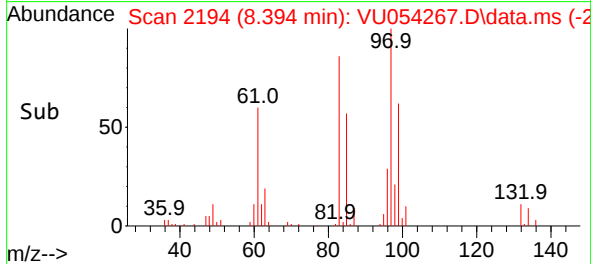
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.0	70.2	105.4
85	56.4	44.6	66.8
99	61.5	51.0	76.6

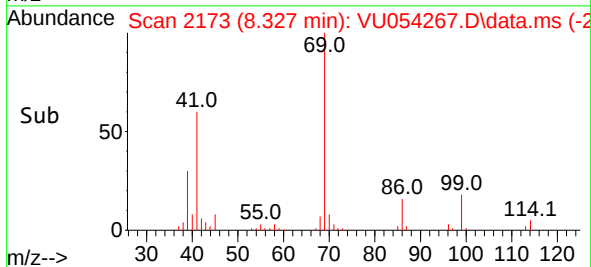
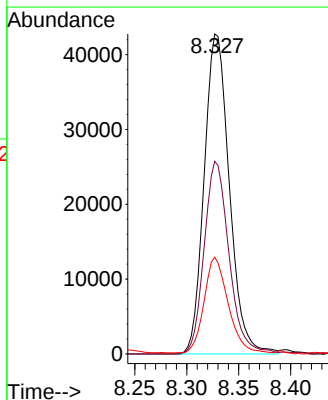
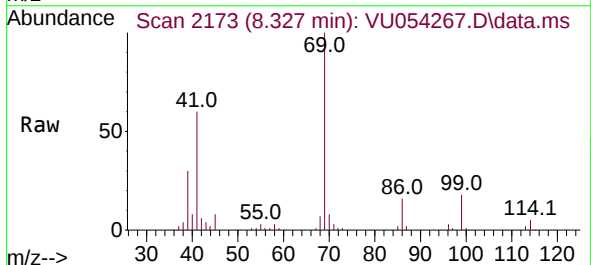
Manual Integrations
APPROVED

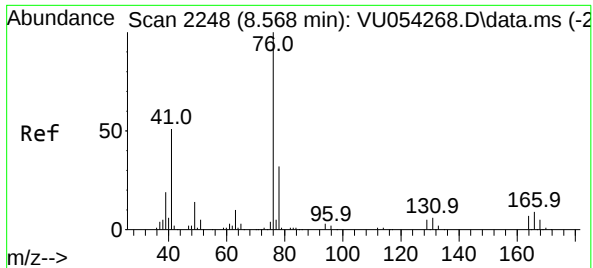
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#56
Ethyl methacrylate
Concen: 18.953 ug/l
RT: 8.327 min Scan# 2173
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.5	45.4	68.0
39	28.2	25.7	38.5





#57

1,3-Dichloropropane

Concen: 19.386 ug/l

RT: 8.568 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054267.D

Acq: 25 May 2023 14:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 8534

Ion Ratio Lower Upper

76 100

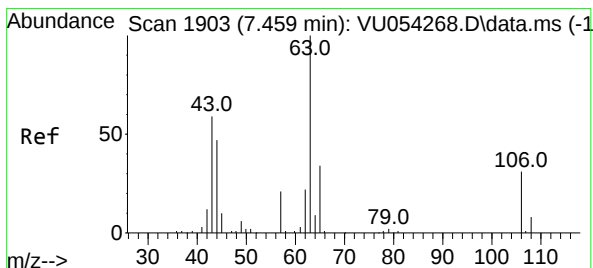
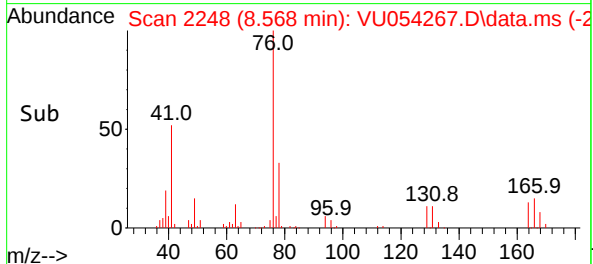
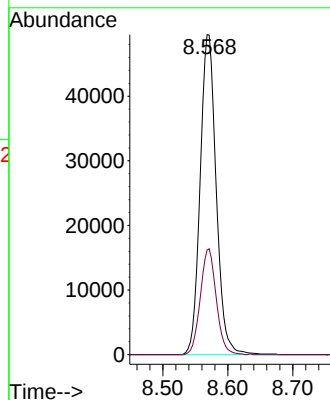
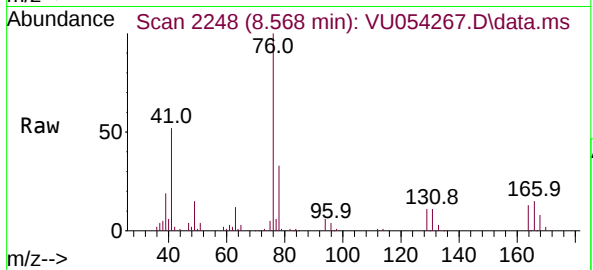
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/26/2023

Supervised By :Mahesh Dadoda 05/30/2023



#58

2-Chloroethyl Vinyl ether

Concen: 59.734 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. 0.003 min

Lab File: VU054267.D

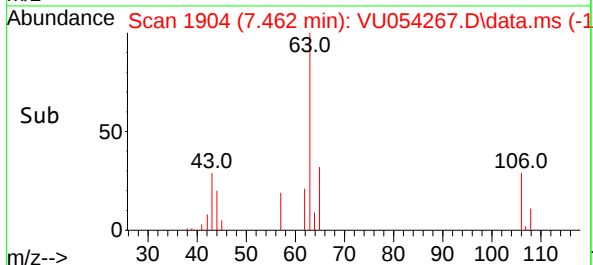
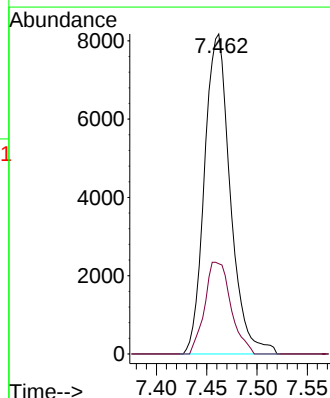
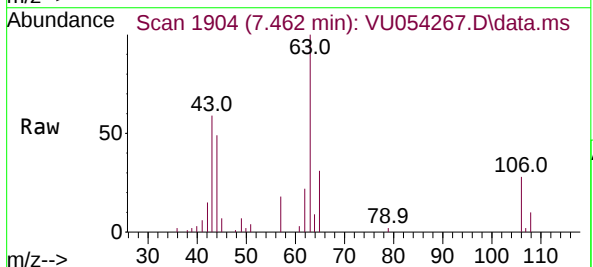
Acq: 25 May 2023 14:44

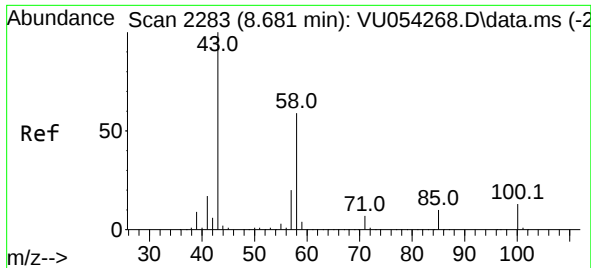
Tgt Ion: 63 Resp: 14573

Ion Ratio Lower Upper

63 100

106 29.1 23.1 34.7





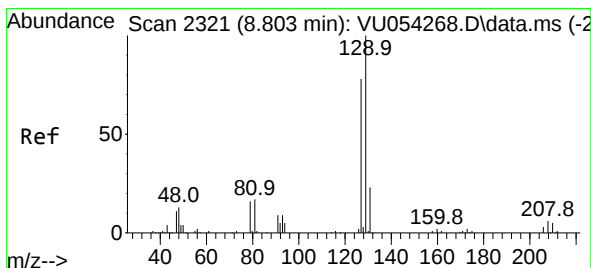
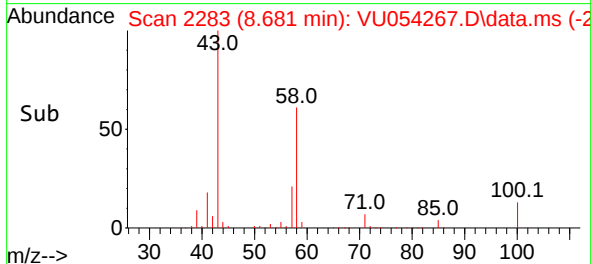
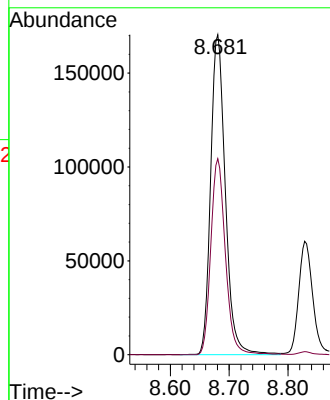
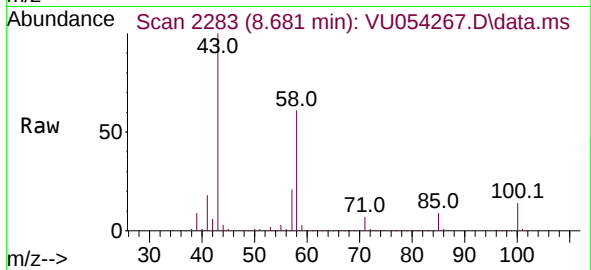
#59
2-Hexanone
Concen: 98.248 ug/l
RT: 8.681 min Scan# 2283
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 295279
Ion Ratio Lower Upper
43 100
58 60.6 30.3 90.8

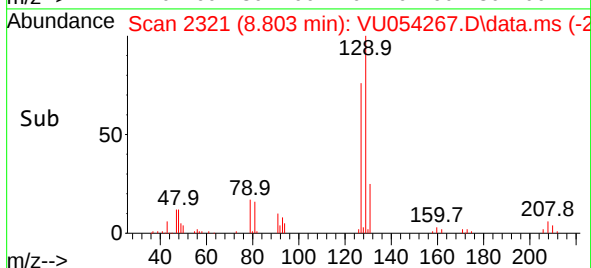
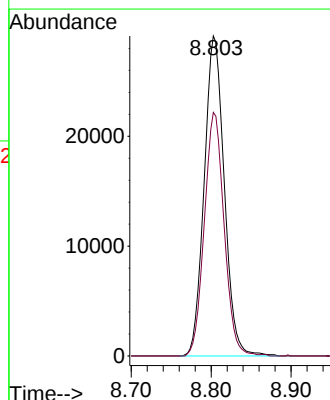
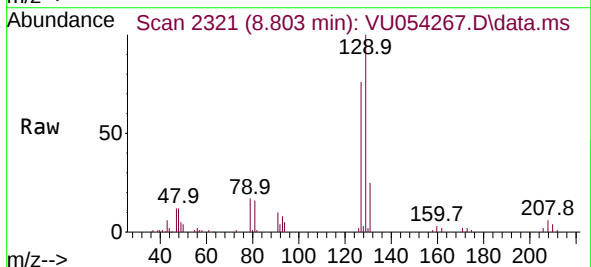
Manual Integrations
APPROVED

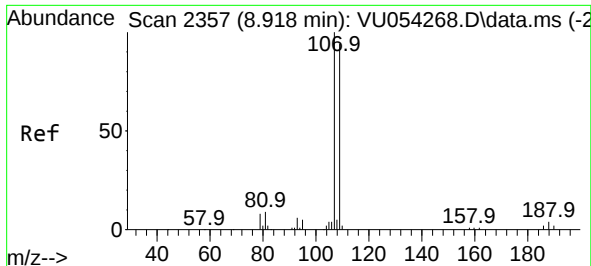
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#60
Dibromochloromethane
Concen: 19.638 ug/l
RT: 8.803 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Tgt Ion:129 Resp: 51003
Ion Ratio Lower Upper
129 100
127 74.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.940 ug/l
RT: 8.918 min Scan# 2357
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Instrument :

MSVOA_U

ClientSampleId :

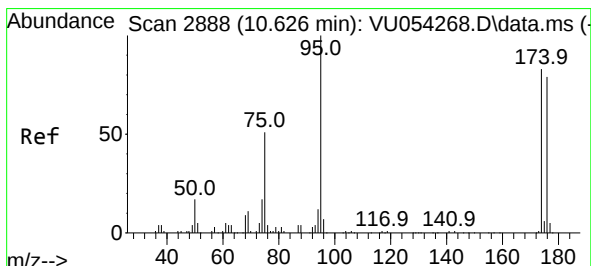
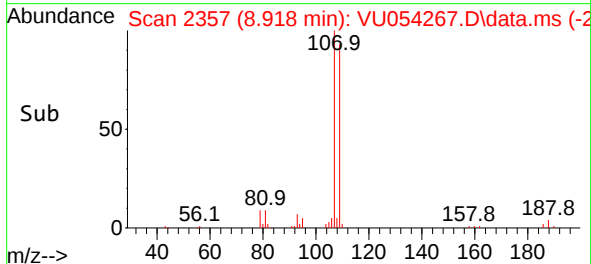
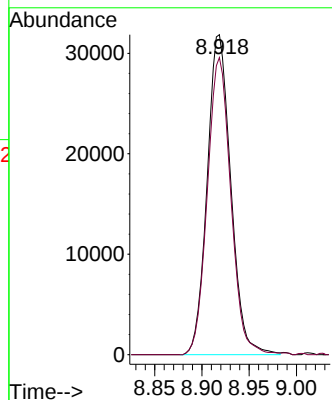
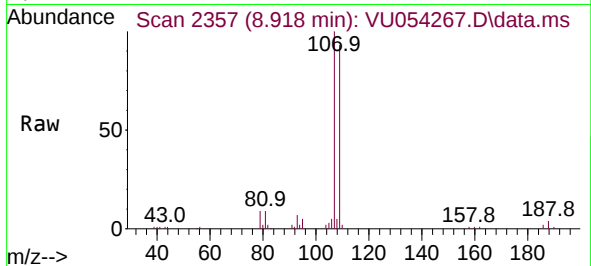
VSTDICC020

Tgt Ion:107 Resp: 55470
Ion Ratio Lower Upper
107 100
109 92.1 75.1 112.7

Manual Integrations

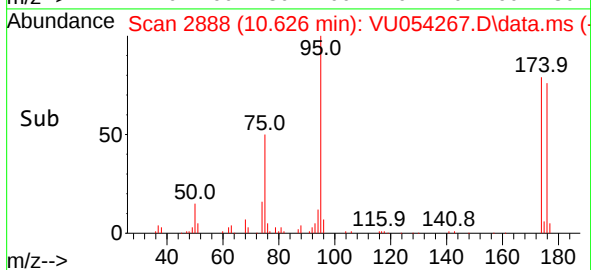
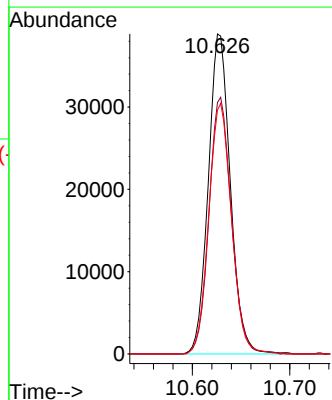
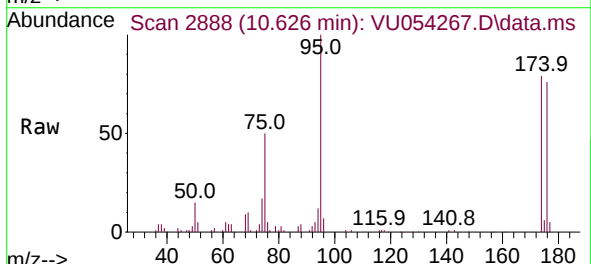
APPROVED

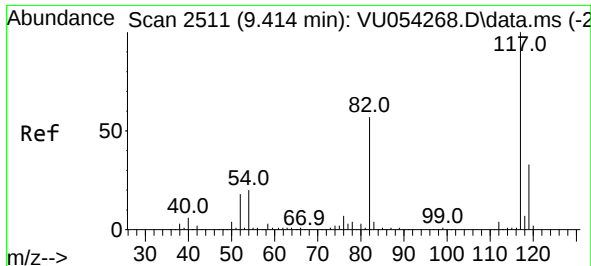
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#62
4-Bromofluorobenzene
Concen: 19.186 ug/l
RT: 10.626 min Scan# 2888
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

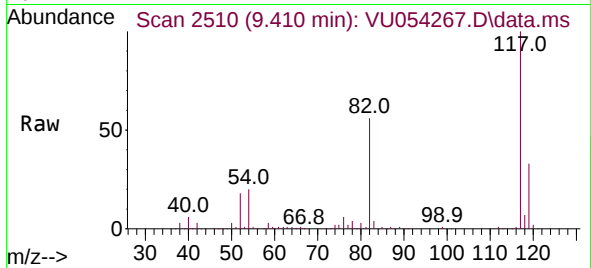
Tgt Ion: 95 Resp: 61098
Ion Ratio Lower Upper
95 100
174 81.8 0.0 182.0
176 80.7 0.0 177.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.410 min Scan# 2511
Delta R.T. -0.003 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

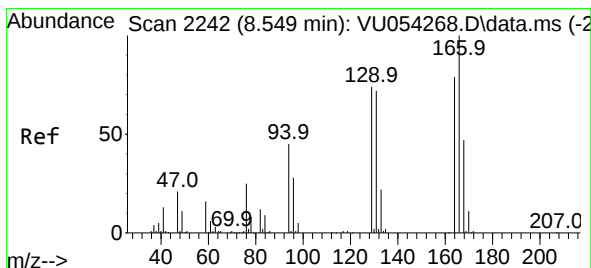
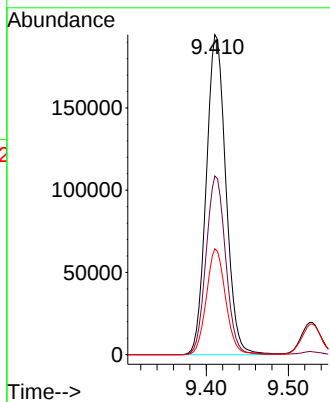
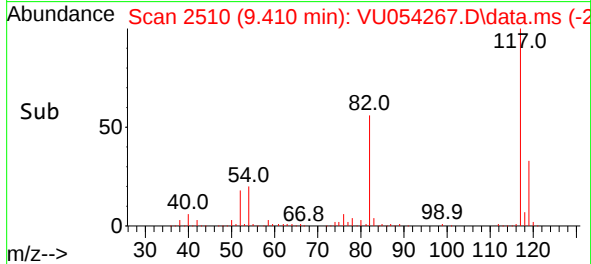
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 322989
Ion Ratio Lower Upper
117 100
82 55.9 41.7 62.5
119 33.1 25.7 38.5

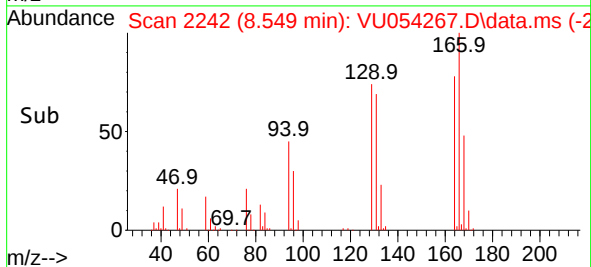
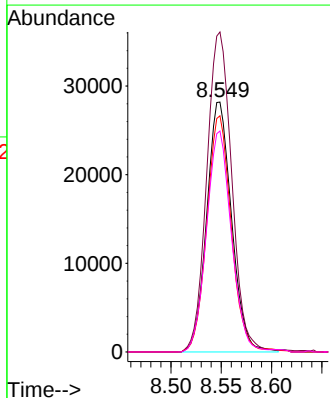
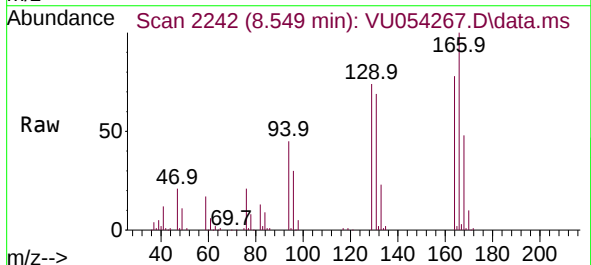
Manual Integrations
APPROVED

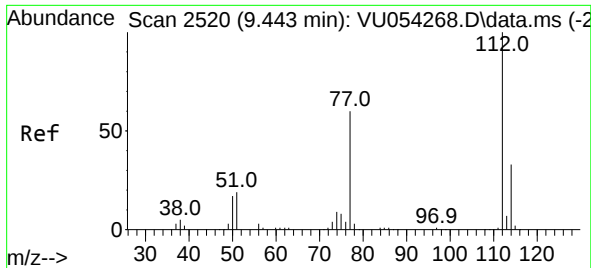
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#64
Tetrachloroethene
Concen: 19.970 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Tgt Ion:164 Resp: 48544
Ion Ratio Lower Upper
164 100
166 128.1 100.0 150.0
129 94.5 72.0 108.0
131 88.5 69.7 104.5





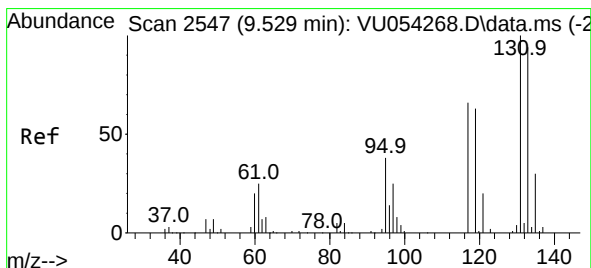
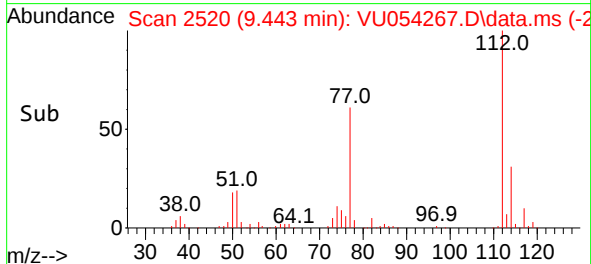
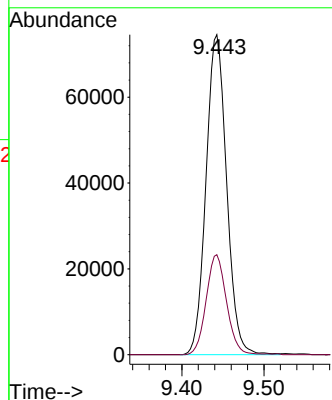
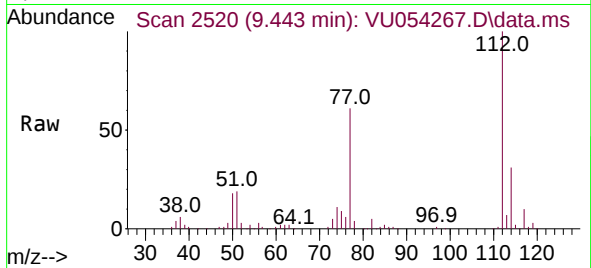
#65
Chlorobenzene
Concen: 19.316 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 130424
Ion Ratio Lower Upper
112 100
114 31.3 24.9 37.3

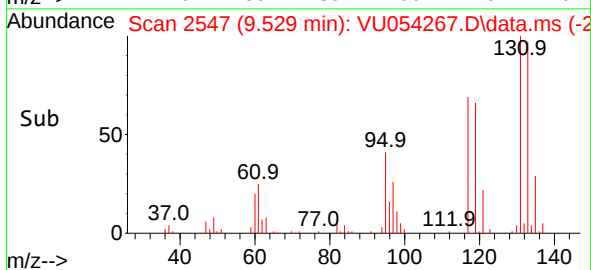
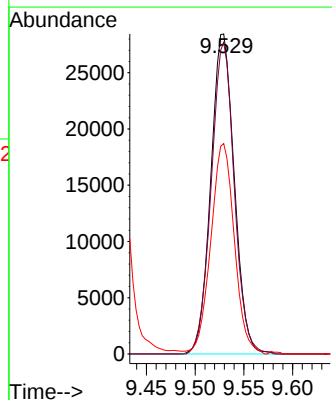
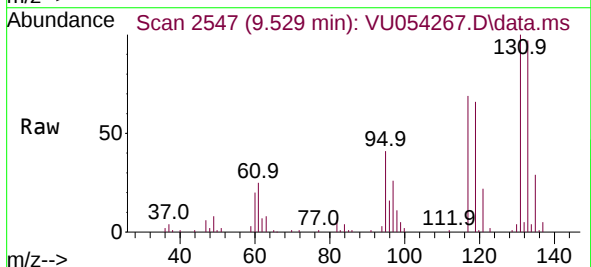
Manual Integrations
APPROVED

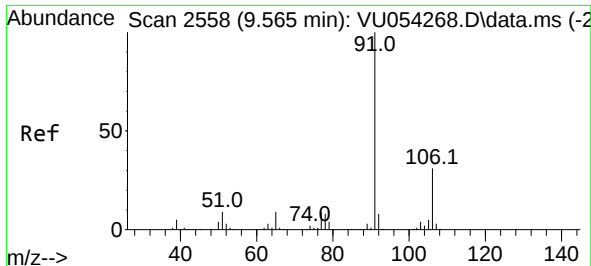
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.448 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Tgt Ion:131 Resp: 47640
Ion Ratio Lower Upper
131 100
133 95.8 48.4 145.0
119 66.0 33.9 101.6





#67

Ethyl Benzene

Concen: 19.281 ug/l

RT: 9.565 min Scan# 2558

Delta R.T. -0.000 min

Lab File: VU054267.D

Acq: 25 May 2023 14:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 22258

Ion Ratio Lower Upper

91 100

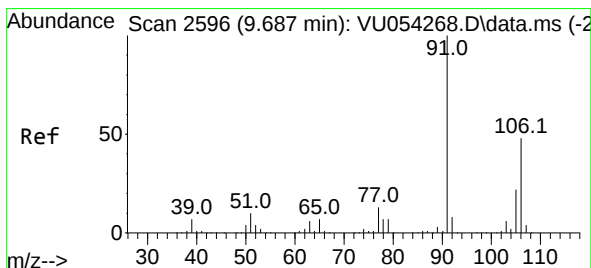
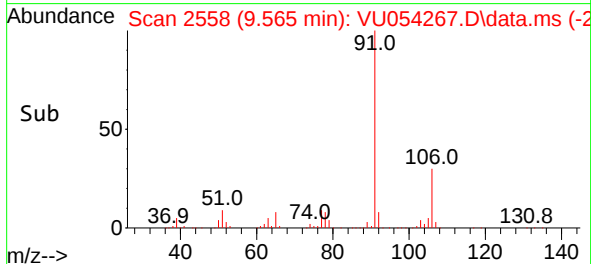
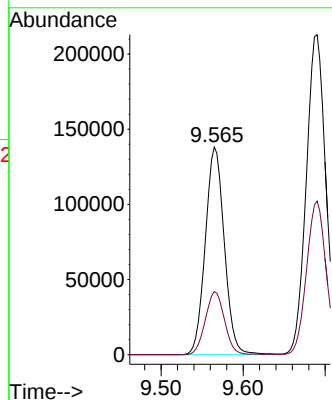
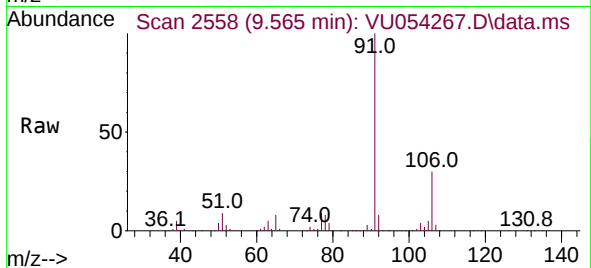
106 30.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/26/2023

Supervised By :Mahesh Dadoda 05/30/2023



#68

m/p-Xylenes

Concen: 38.980 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. 0.003 min

Lab File: VU054267.D

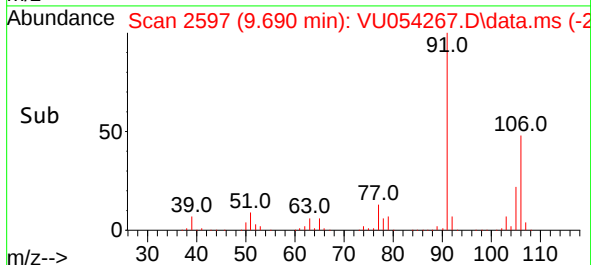
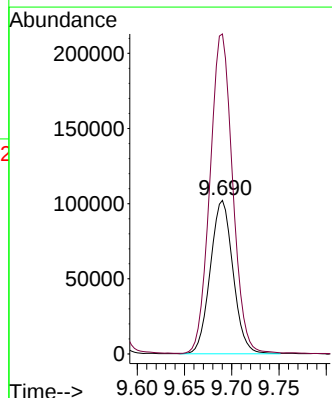
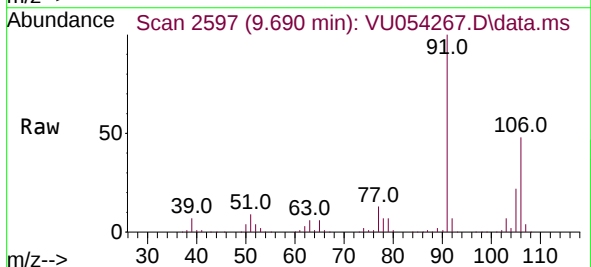
Acq: 25 May 2023 14:44

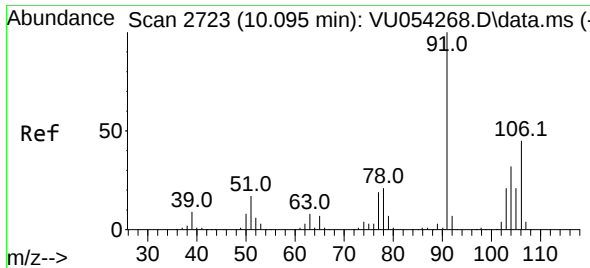
Tgt Ion:106 Resp: 170566

Ion Ratio Lower Upper

106 100

91 207.8 157.2 235.8





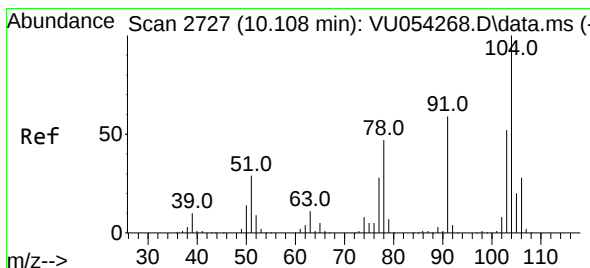
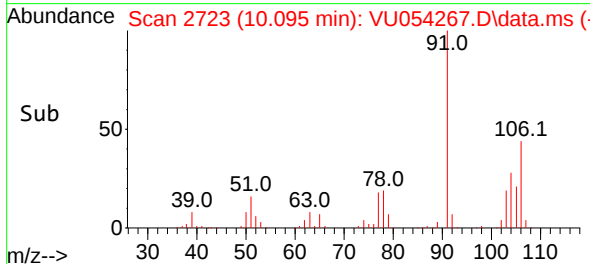
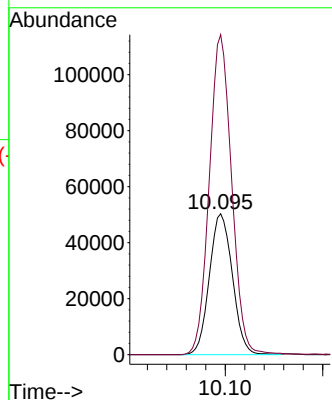
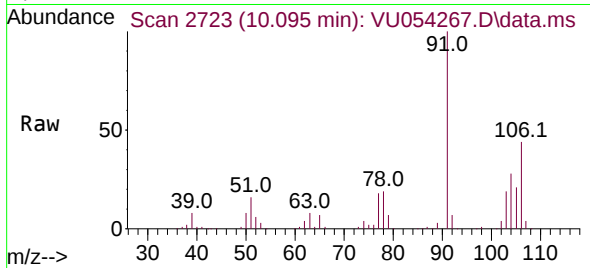
#69
o-Xylene
Concen: 19.524 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 8270
Ion Ratio Lower Upper
106 100
91 220.4 103.5 310.5

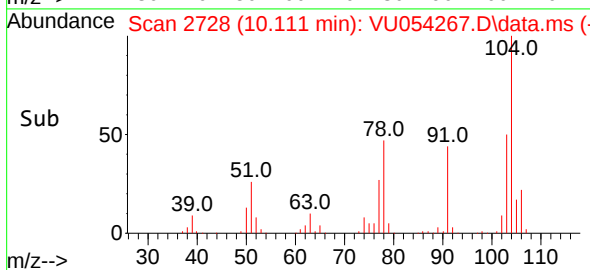
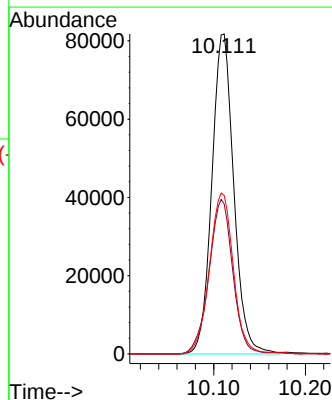
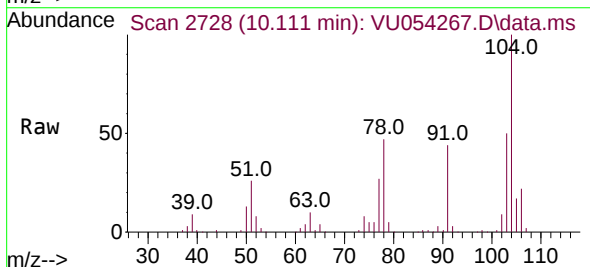
Manual Integrations
APPROVED

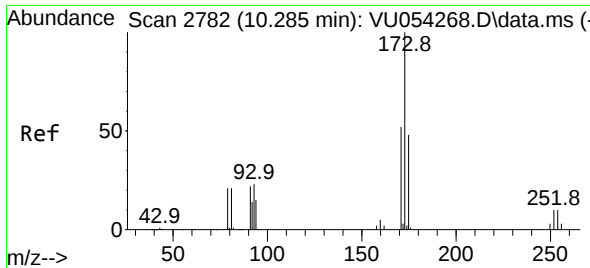
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#70
Styrene
Concen: 19.344 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

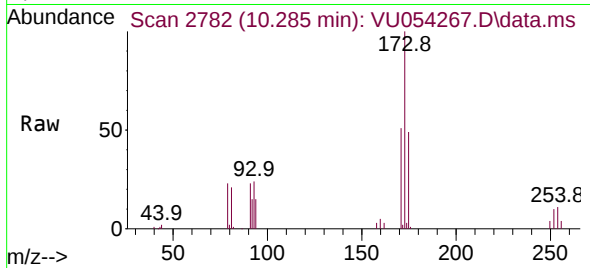
Tgt Ion:104 Resp: 135885
Ion Ratio Lower Upper
104 100
78 52.0 38.0 57.0
103 55.0 43.9 65.9





#71
Bromoform
Concen: 18.948 ug/l
RT: 10.285 min Scan# 2782
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

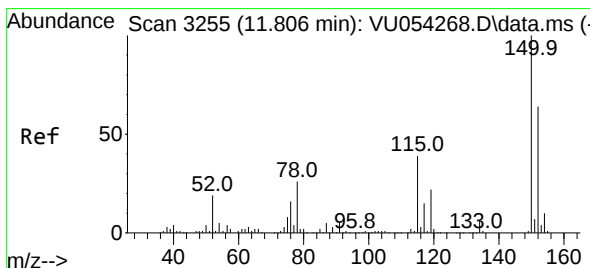
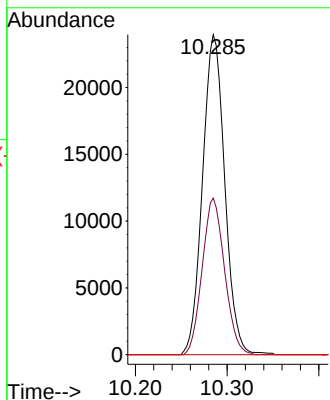
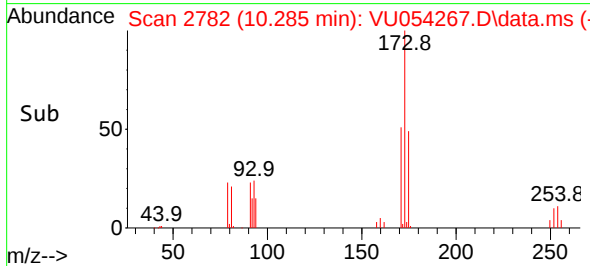
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



Tgt Ion:173 Resp: 40334
Ion Ratio Lower Upper
173 100
175 49.2 24.1 72.2
254 0.0 0.1 0.1

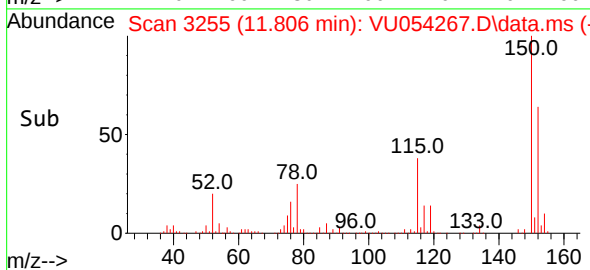
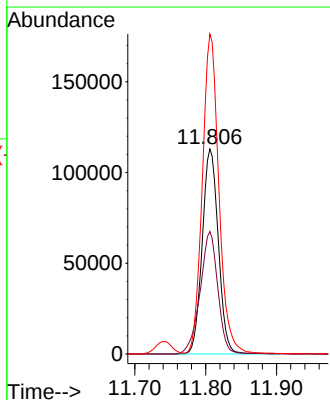
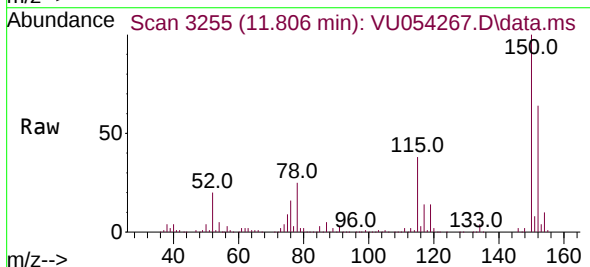
Manual Integrations
APPROVED

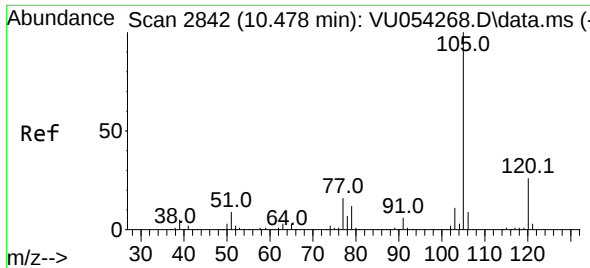
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.806 min Scan# 3255
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

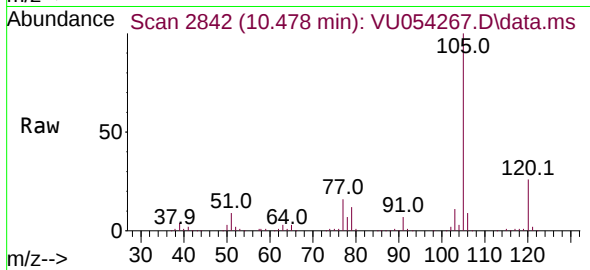
Tgt Ion:152 Resp: 178144
Ion Ratio Lower Upper
152 100
115 65.3 37.0 110.9
150 159.7 0.0 342.2





#73
Isopropylbenzene
Concen: 19.500 ug/l
RT: 10.478 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

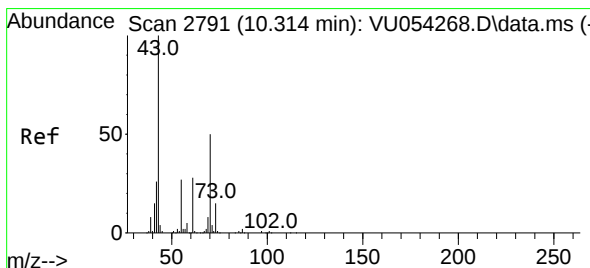
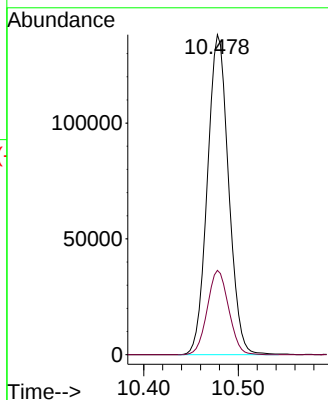
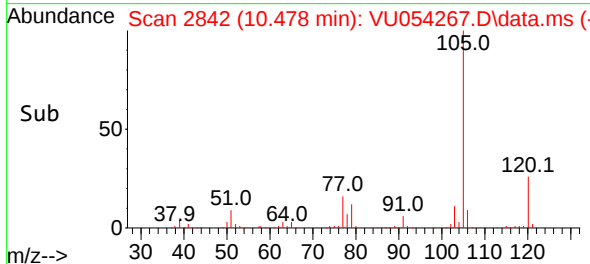
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



Tgt Ion:105 Resp: 215139
Ion Ratio Lower Upper
105 100
120 26.5 13.8 41.4

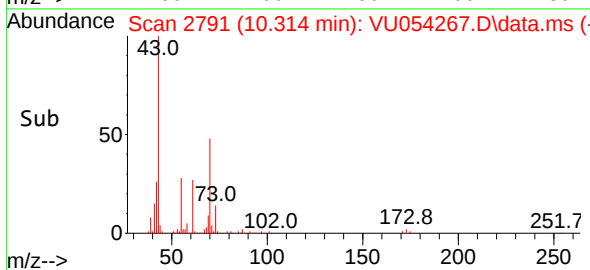
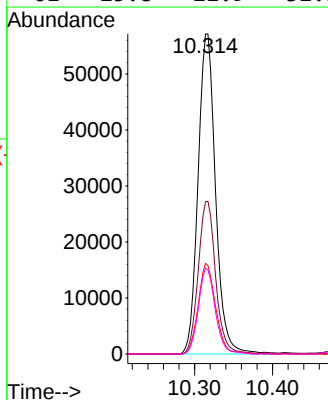
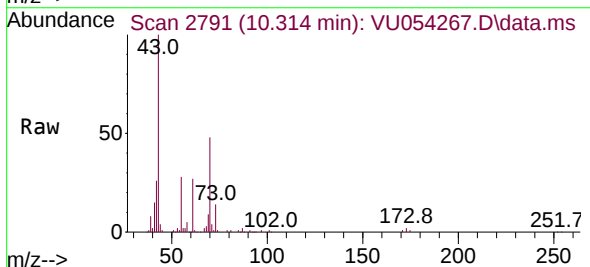
Manual Integrations
APPROVED

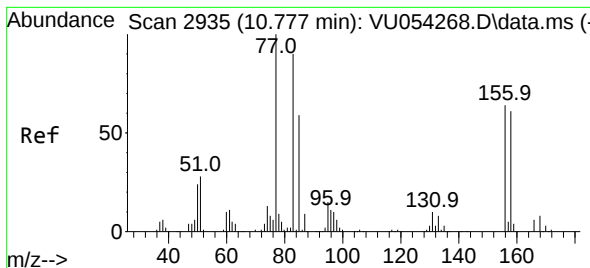
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#74
N-ethyl acetate
Concen: 19.032 ug/l
RT: 10.314 min Scan# 2791
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Tgt Ion: 43 Resp: 89156
Ion Ratio Lower Upper
43 100
70 47.5 38.7 58.1
55 28.0 21.8 32.8
61 25.8 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.428 ug/l

RT: 10.777 min Scan# 2935

Delta R.T. -0.000 min

Lab File: VU054267.D

Acq: 25 May 2023 14:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 86732

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.4

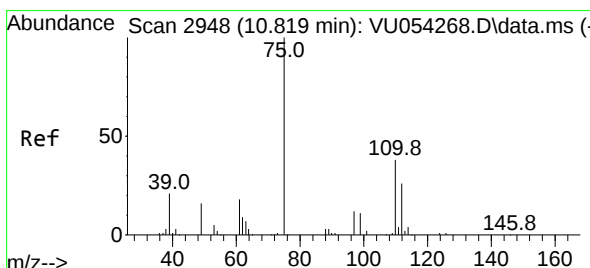
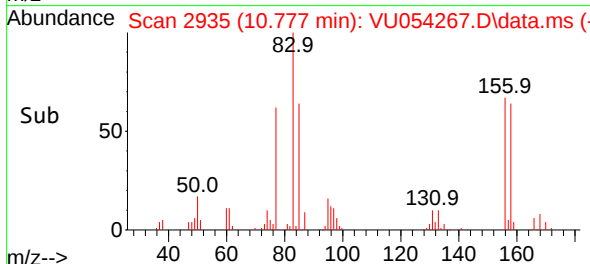
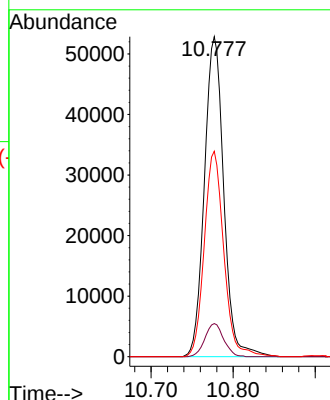
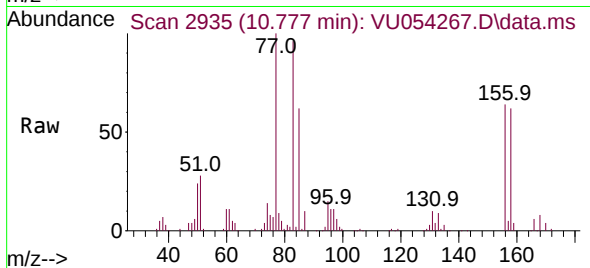
85 64.8 32.2 96.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/26/2023

Supervised By :Mahesh Dadoda 05/30/2023



#76

1,2,3-Trichloropropane

Concen: 19.183 ug/l

RT: 10.819 min Scan# 2948

Delta R.T. -0.000 min

Lab File: VU054267.D

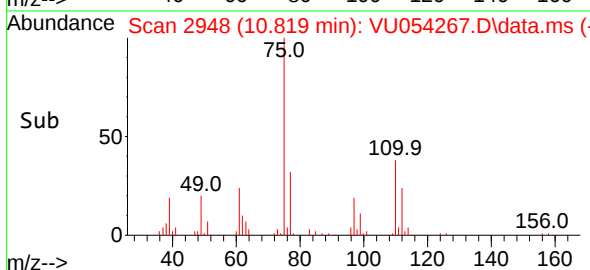
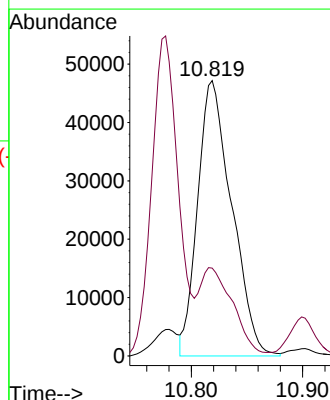
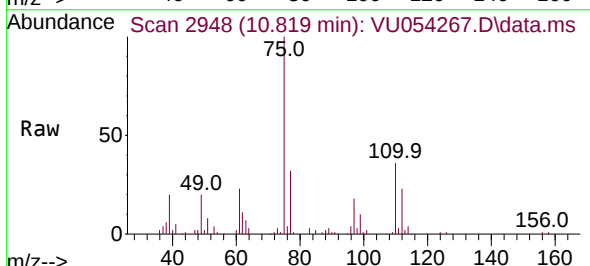
Acq: 25 May 2023 14:44

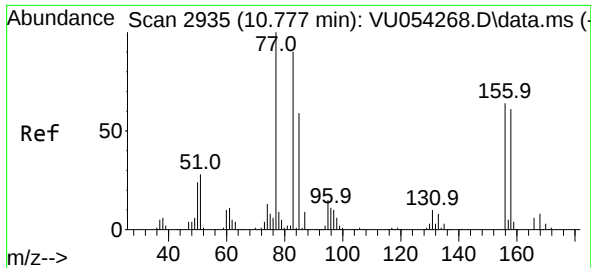
Tgt Ion: 75 Resp: 100378

Ion Ratio Lower Upper

75 100

77 31.3 15.8 47.3





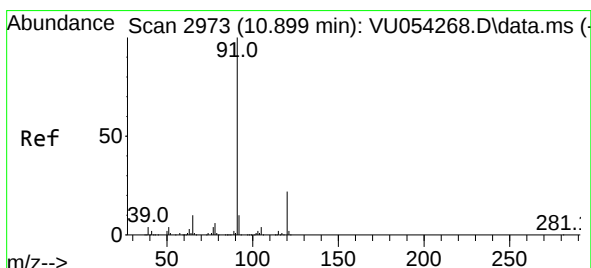
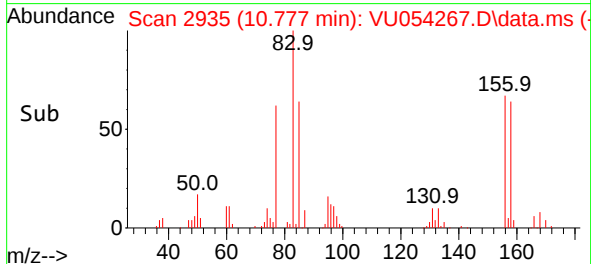
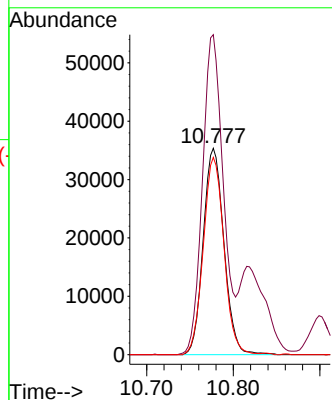
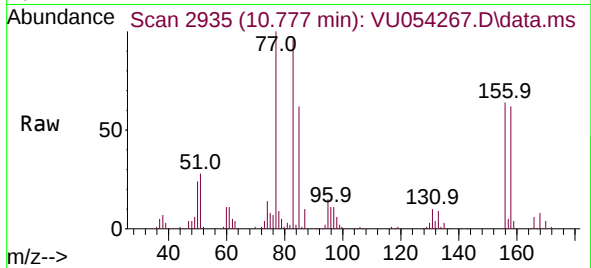
#77
Bromobenzene
Concen: 19.461 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 5896
Ion Ratio Lower Upper
156 100
77 155.5 71.9 215.6
158 95.1 48.9 146.8

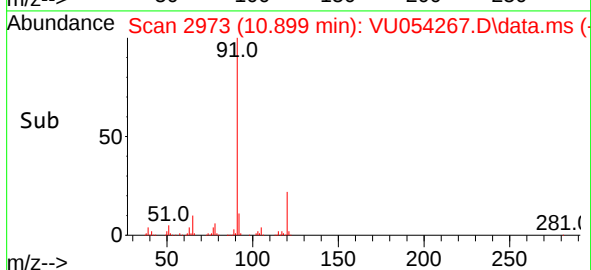
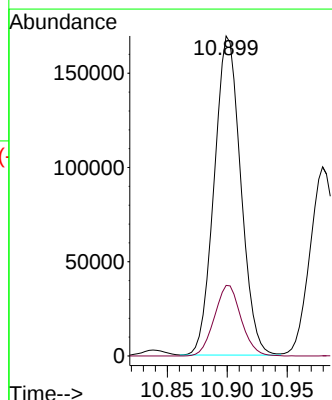
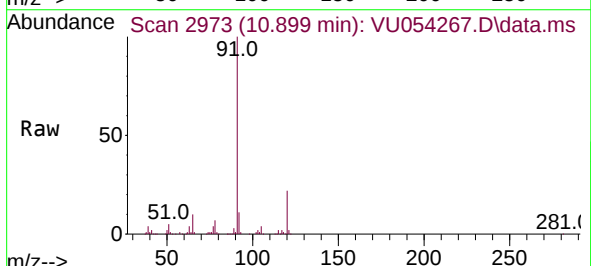
Manual Integrations
APPROVED

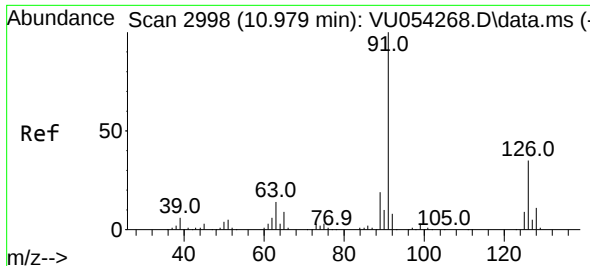
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#78
n-propylbenzene
Concen: 19.244 ug/l
RT: 10.899 min Scan# 2973
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Tgt Ion: 91 Resp: 260086
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.5





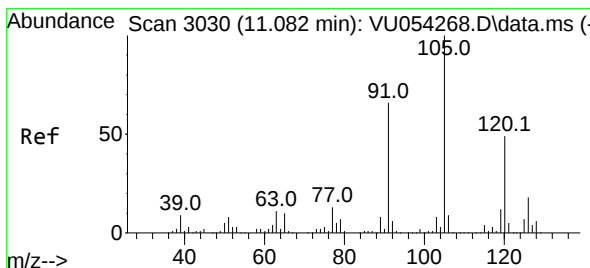
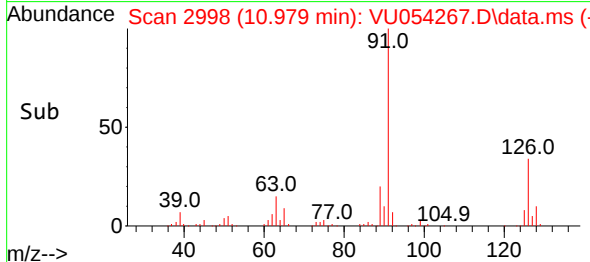
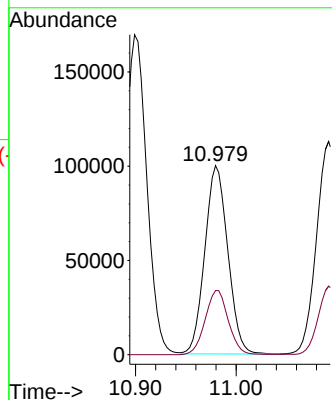
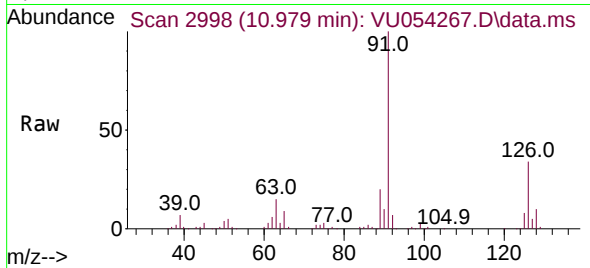
#79
2-Chlorotoluene
Concen: 19.408 ug/l
RT: 10.979 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 15880
Ion Ratio Lower Upper
91 100
126 34.3 18.4 55.0

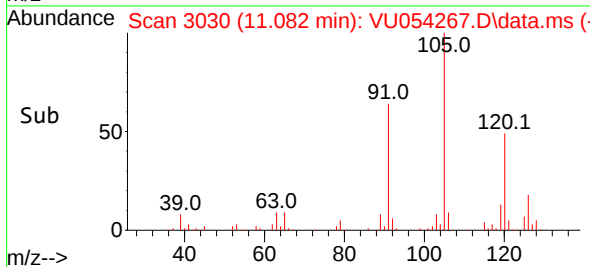
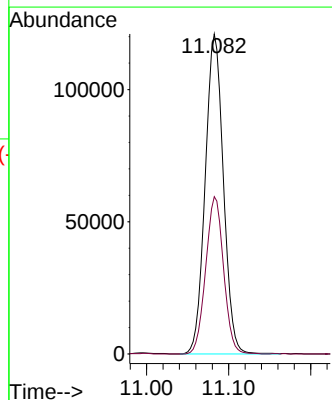
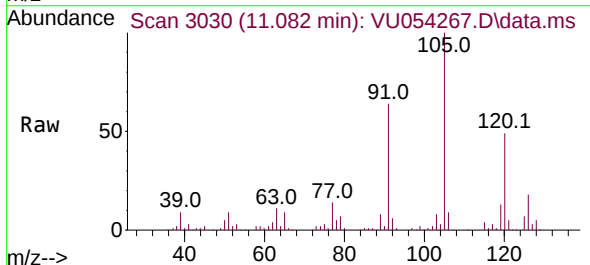
Manual Integrations
APPROVED

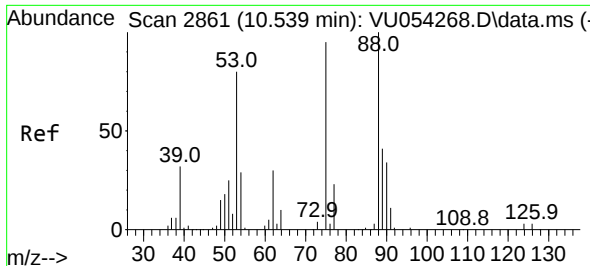
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.898 ug/l
RT: 11.082 min Scan# 3030
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

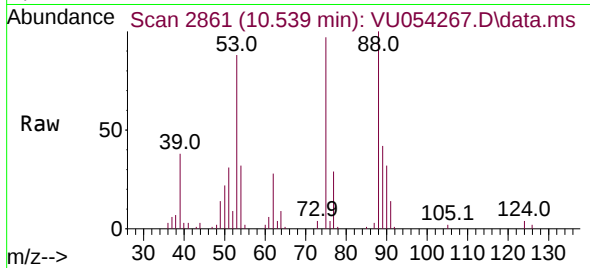
Tgt Ion:105 Resp: 186686
Ion Ratio Lower Upper
105 100
120 48.3 25.3 75.9





#81
trans-1,4-Dichloro-2-butene
Concen: 18.806 ug/l
RT: 10.539 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

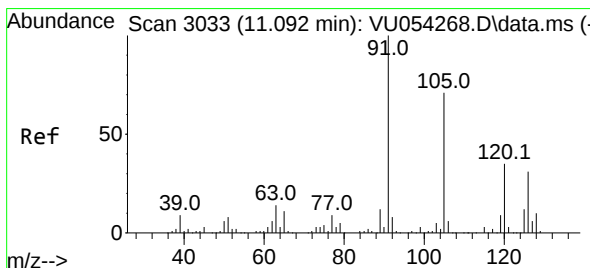
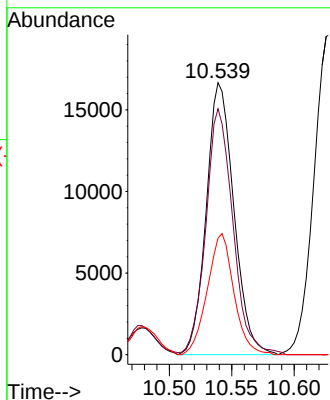
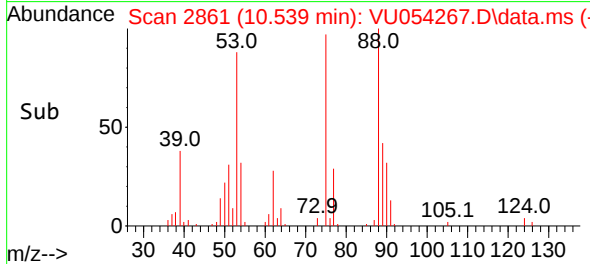
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



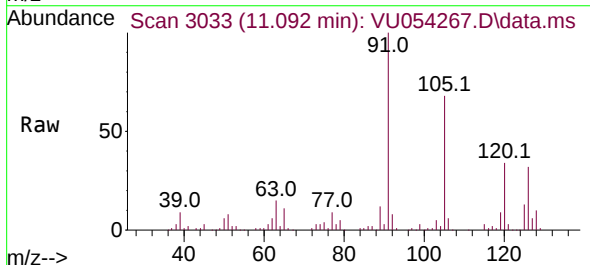
Tgt Ion: 75 Resp: 2567
Ion Ratio Lower Upper
75 100
53 89.0 69.2 103.8
89 42.9 37.0 55.6

Manual Integrations
APPROVED

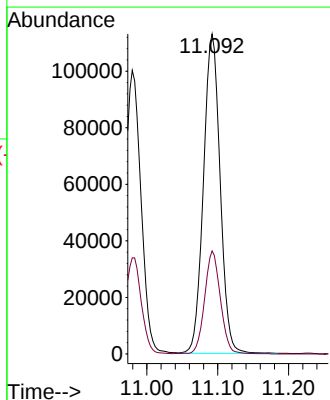
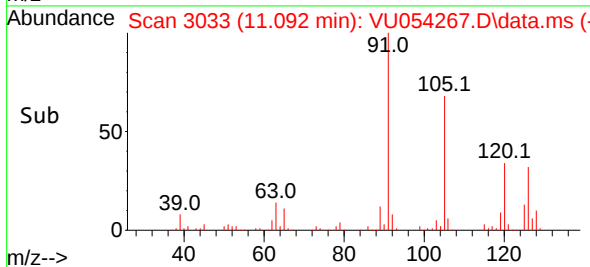
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023

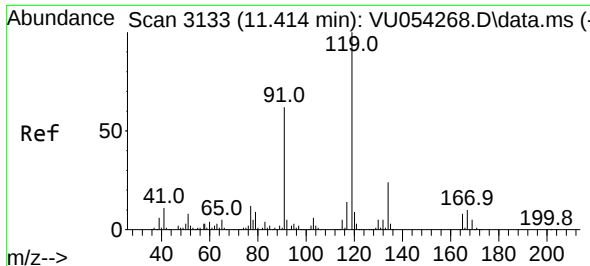


#82
4-Chlorotoluene
Concen: 19.191 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44



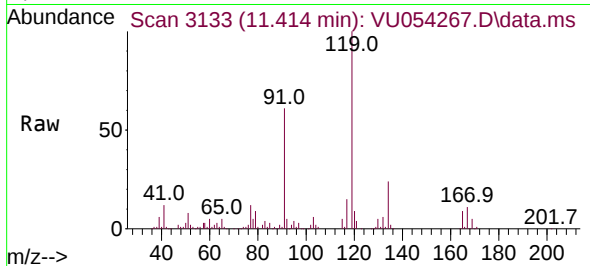
Tgt Ion: 91 Resp: 184247
Ion Ratio Lower Upper
91 100
126 30.3 16.1 48.2





#83
tert-Butylbenzene
Concen: 18.961 ug/l
RT: 11.414 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

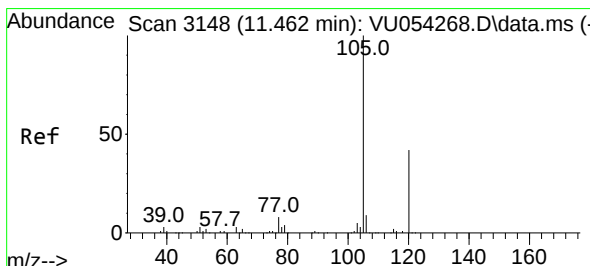
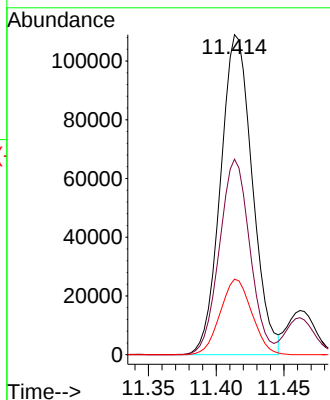
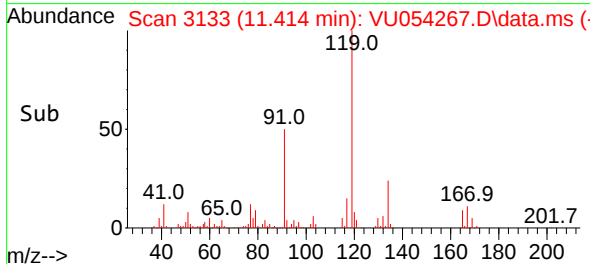
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



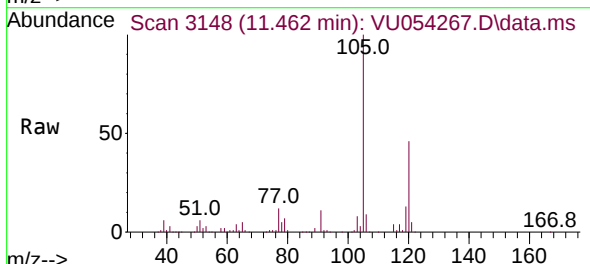
Tgt Ion:119 Resp: 17789
Ion Ratio Lower Upper
119 100
91 58.6 26.8 80.3
134 23.4 11.5 34.5

Manual Integrations
APPROVED

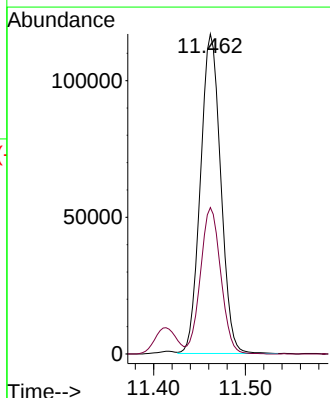
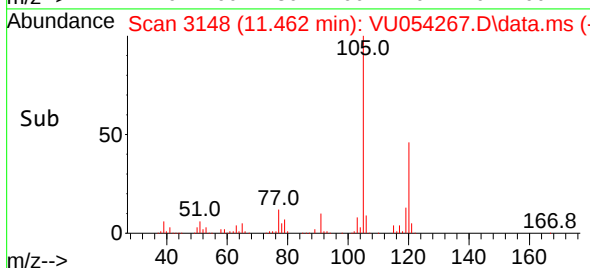
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023

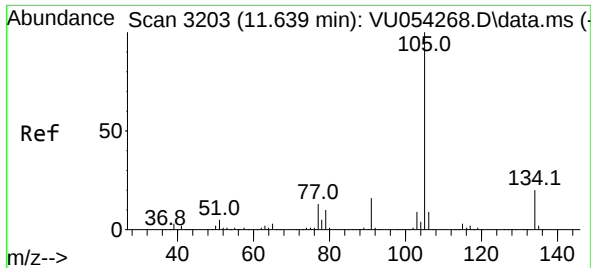


#84
1,2,4-Trimethylbenzene
Concen: 19.214 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44



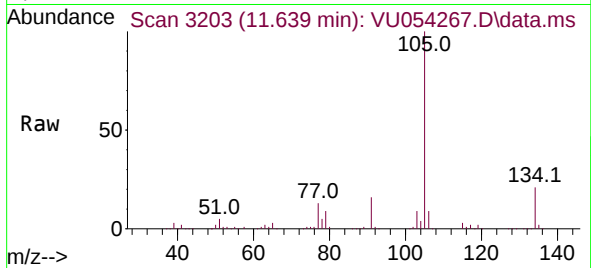
Tgt Ion:105 Resp: 179352
Ion Ratio Lower Upper
105 100
120 46.1 23.4 70.3





#85
 sec-Butylbenzene
 Concen: 19.041 ug/l
 RT: 11.639 min Scan# 3203
 Delta R.T. -0.000 min
 Lab File: VU054267.D
 Acq: 25 May 2023 14:44

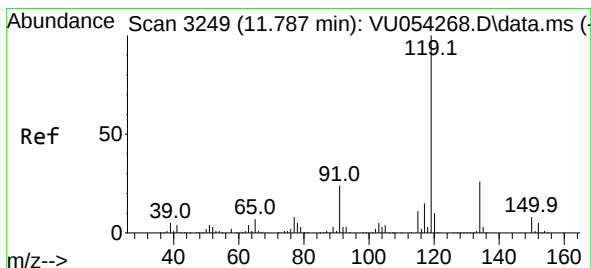
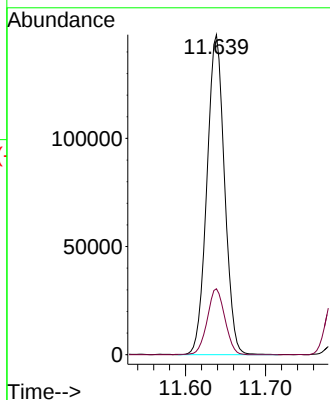
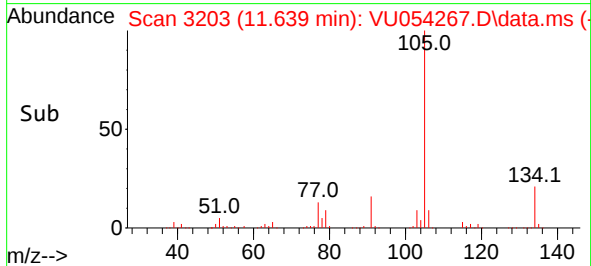
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020



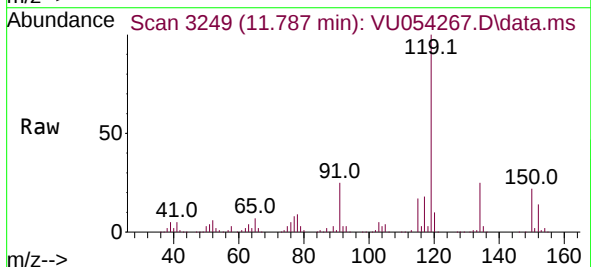
Tgt Ion:105 Resp: 226685
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1

Manual Integrations
 APPROVED

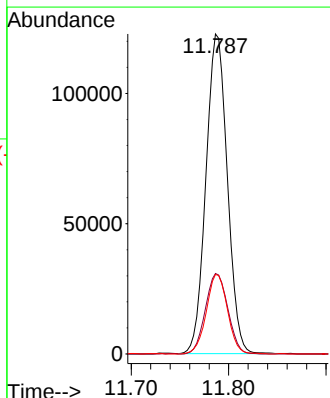
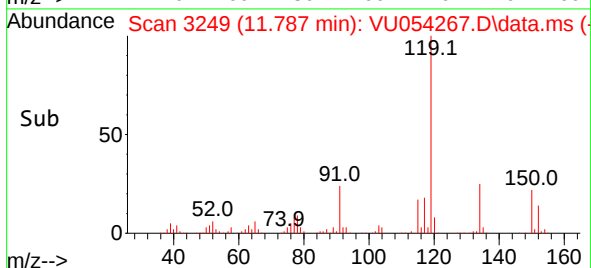
Reviewed By :Krupa Patel 05/26/2023
 Supervised By :Mahesh Dadoda 05/30/2023

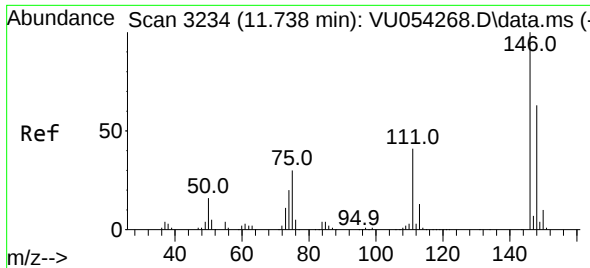


#86
 p-Isopropyltoluene
 Concen: 18.668 ug/l
 RT: 11.787 min Scan# 3249
 Delta R.T. -0.000 min
 Lab File: VU054267.D
 Acq: 25 May 2023 14:44



Tgt Ion:119 Resp: 186925
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.5 40.4
 91 24.7 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 18.425 ug/l

RT: 11.741 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU054267.D

Acq: 25 May 2023 14:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 10808

Ion Ratio Lower Upper

146 100

111 40.9 18.9 56.5

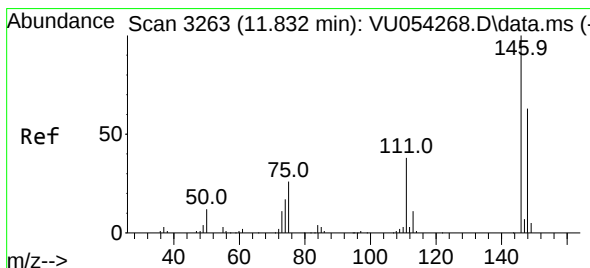
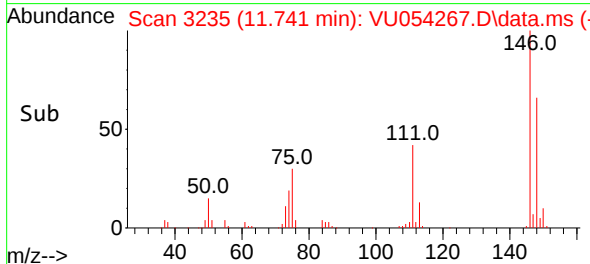
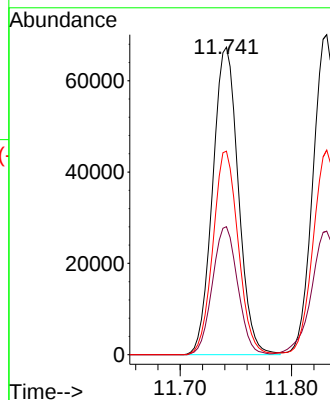
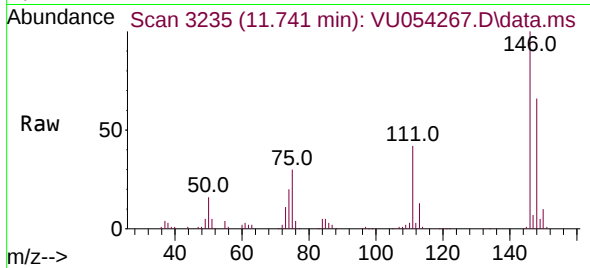
148 65.0 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/26/2023

Supervised By :Mahesh Dadoda 05/30/2023



#88

1,4-Dichlorobenzene

Concen: 18.523 ug/l

RT: 11.832 min Scan# 3263

Delta R.T. -0.000 min

Lab File: VU054267.D

Acq: 25 May 2023 14:44

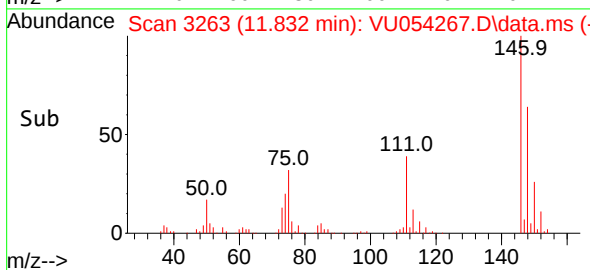
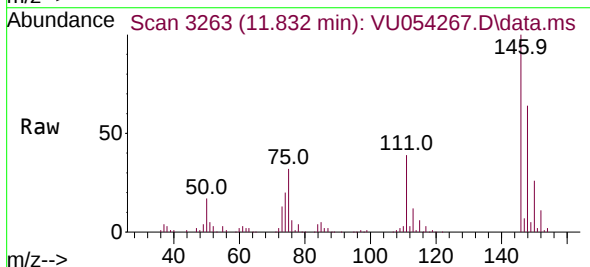
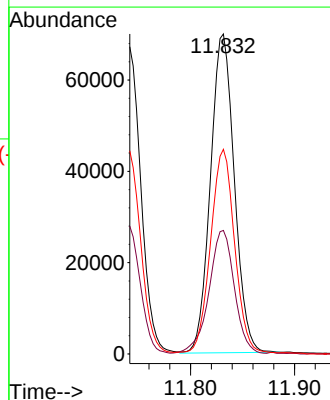
Tgt Ion:146 Resp: 111328

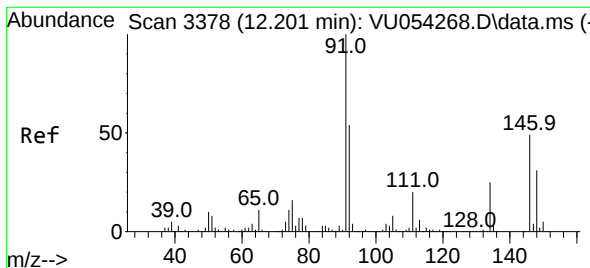
Ion Ratio Lower Upper

146 100

111 40.9 18.5 55.5

148 65.5 31.9 95.7





#89

n-Butylbenzene

Concen: 17.643 ug/l

RT: 12.204 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU054267.D

Acq: 25 May 2023 14:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 16628

Ion Ratio Lower Upper

91 100

92 52.6 26.2 78.6

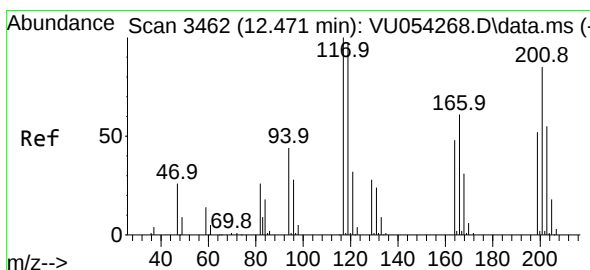
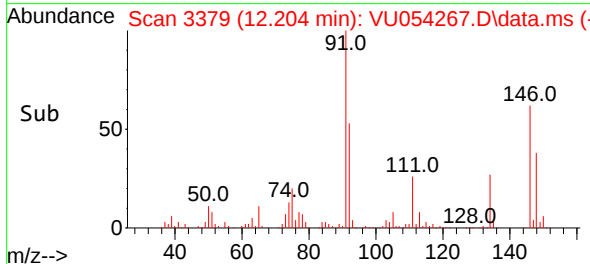
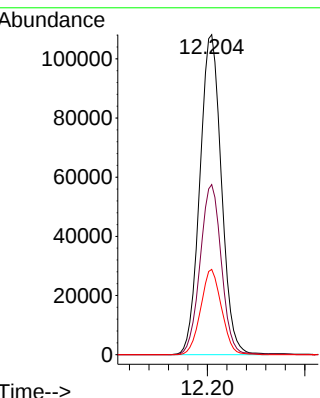
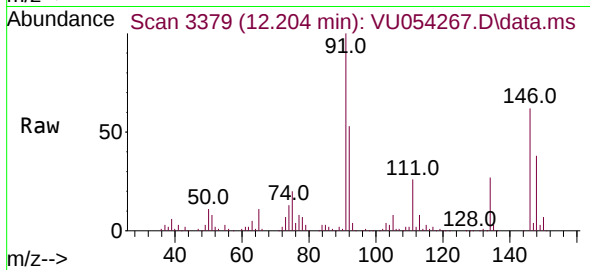
134 25.8 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/26/2023

Supervised By :Mahesh Dadoda 05/30/2023



#90

Hexachloroethane

Concen: 18.398 ug/l

RT: 12.468 min Scan# 3461

Delta R.T. -0.003 min

Lab File: VU054267.D

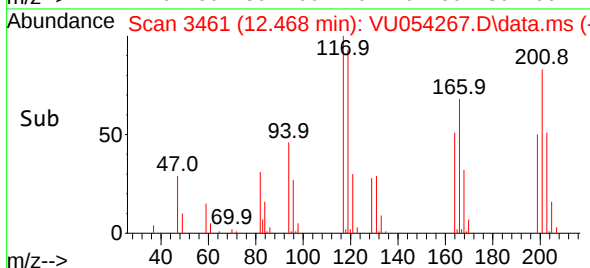
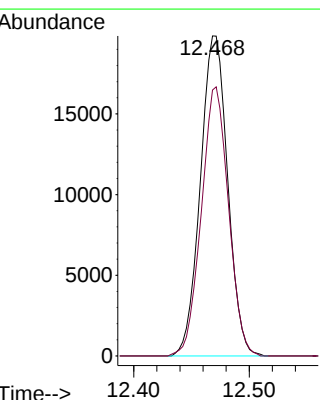
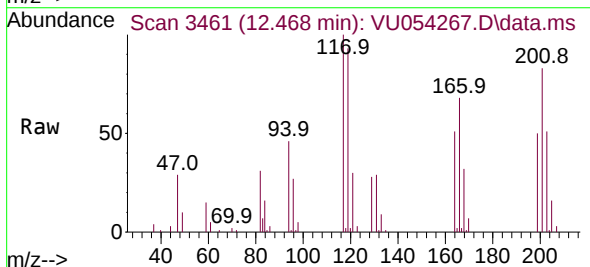
Acq: 25 May 2023 14:44

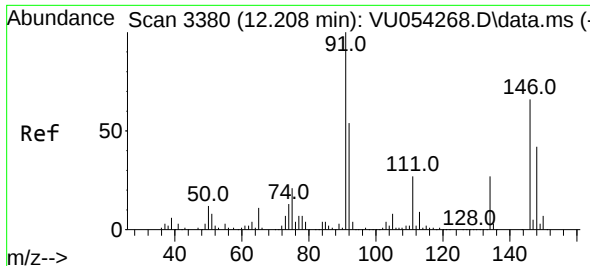
Tgt Ion:117 Resp: 32590

Ion Ratio Lower Upper

117 100

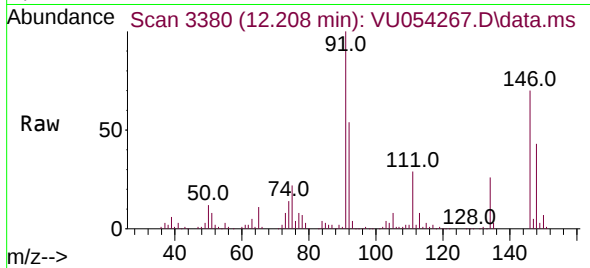
201 83.6 44.6 134.0





#91
1,2-Dichlorobenzene
Concen: 19.046 ug/l
RT: 12.208 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

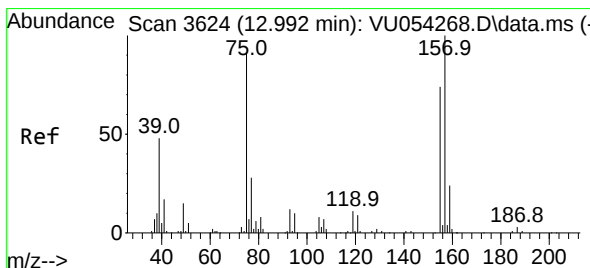
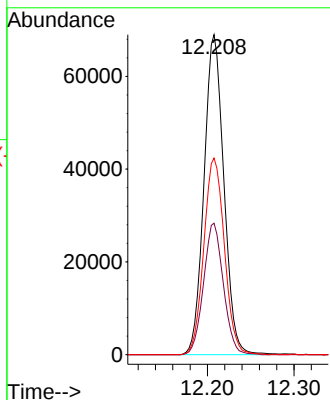
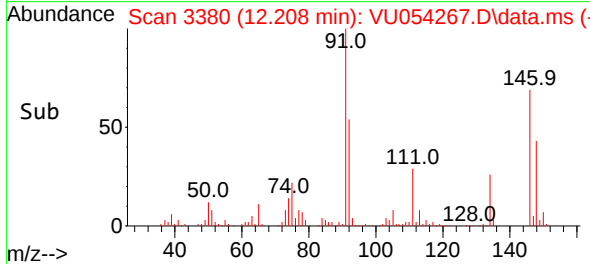
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



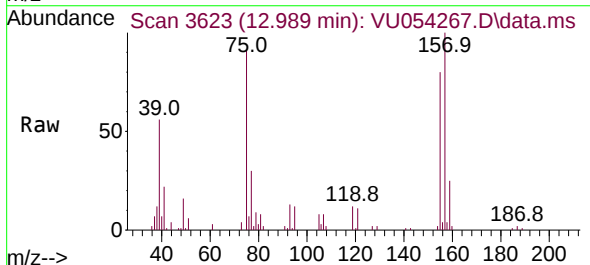
Tgt Ion:146 Resp: 109912
Ion Ratio Lower Upper
146 100
111 41.0 19.9 59.6
148 63.8 32.1 96.5

Manual Integrations
APPROVED

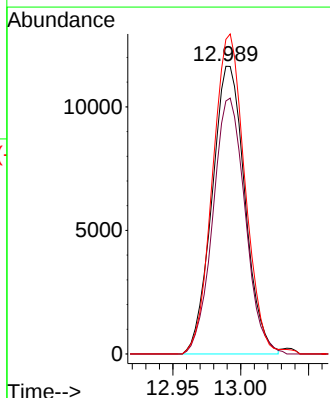
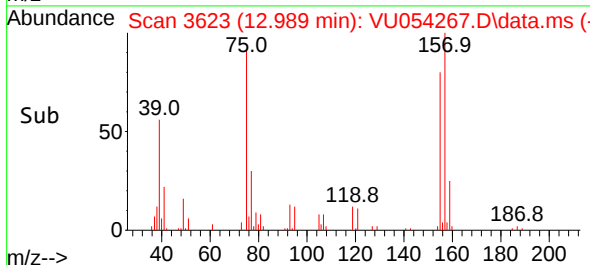
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023

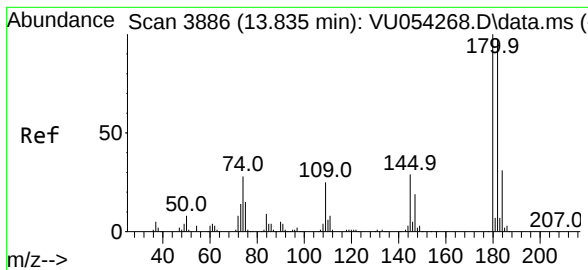


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.320 ug/l
RT: 12.989 min Scan# 3623
Delta R.T. -0.003 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44



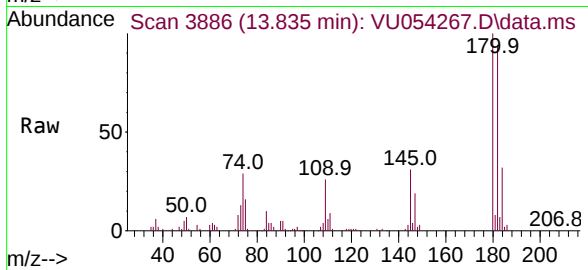
Tgt Ion: 75 Resp: 19670
Ion Ratio Lower Upper
75 100
155 87.2 47.8 143.4
157 109.0 62.2 186.5





#93
1,2,4-Trichlorobenzene
Concen: 18.224 ug/l
RT: 13.835 min Scan# 3886
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44

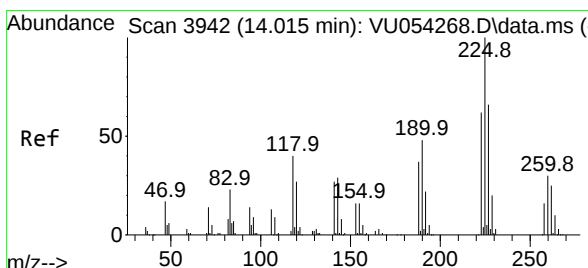
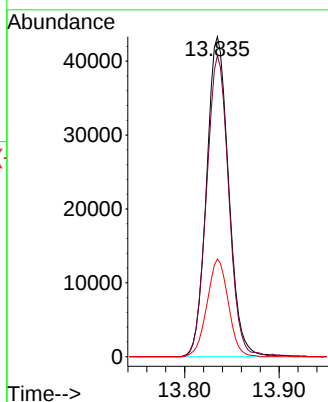
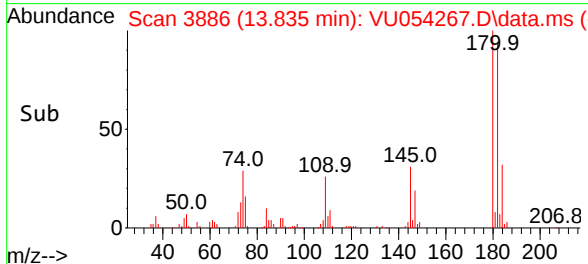
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



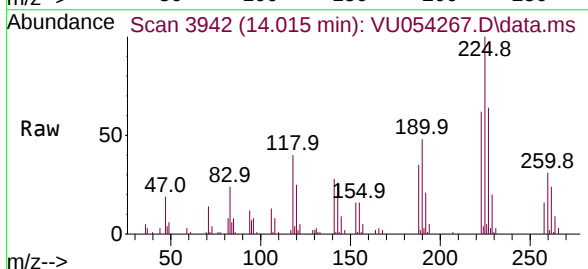
Tgt Ion:180 Resp: 7024
Ion Ratio Lower Upper
180 100
182 94.5 47.9 143.6
145 29.4 14.0 41.9

Manual Integrations
APPROVED

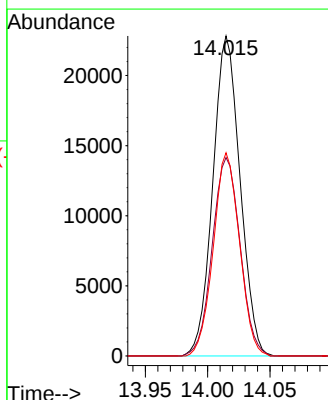
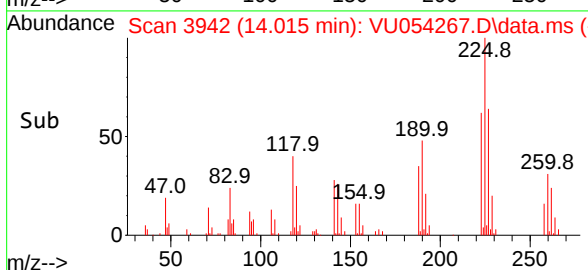
Reviewed By :Krupa Patel 05/26/2023
Supervised By :Mahesh Dadoda 05/30/2023

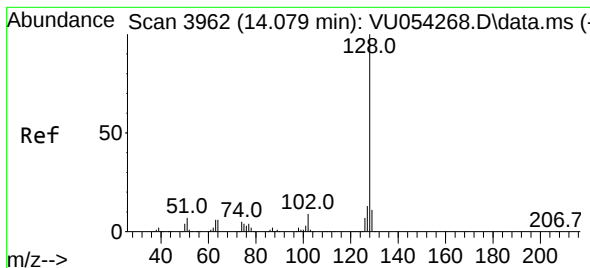


#94
Hexachlorobutadiene
Concen: 18.797 ug/l
RT: 14.015 min Scan# 3942
Delta R.T. -0.000 min
Lab File: VU054267.D
Acq: 25 May 2023 14:44



Tgt Ion:225 Resp: 34707
Ion Ratio Lower Upper
225 100
223 63.3 31.3 93.9
227 61.0 32.0 96.2





#95

Naphthalene

Concen: 18.042 ug/l

RT: 14.082 min Scan# 3963

Delta R.T. 0.003 min

Lab File: VU054267.D

Acq: 25 May 2023 14:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

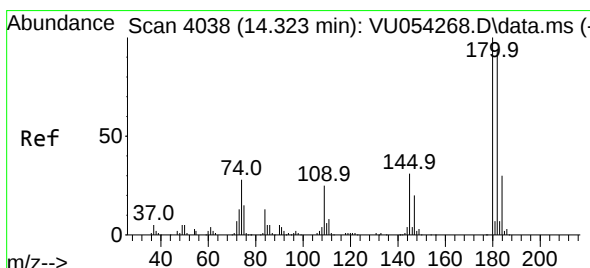
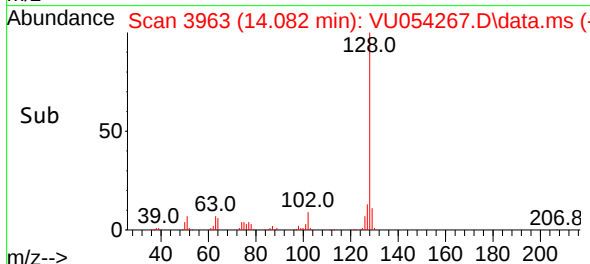
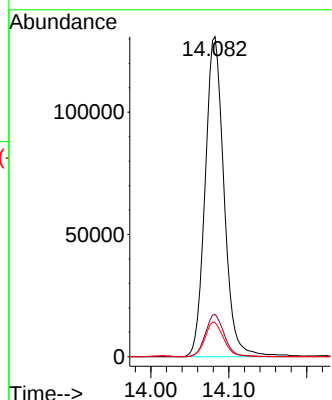
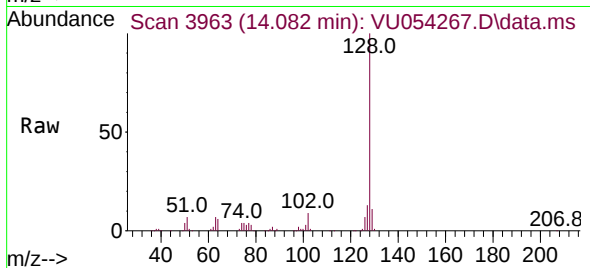
Tgt Ion:128	Resp: 21998
Ion Ratio	Lower Upper
128 100	
127 13.2	10.3 15.5
129 10.8	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/26/2023

Supervised By :Mahesh Dadoda 05/30/2023



#96

1,2,3-Trichlorobenzene

Concen: 18.072 ug/l

RT: 14.323 min Scan# 4038

Delta R.T. 0.000 min

Lab File: VU054267.D

Acq: 25 May 2023 14:44

Tgt Ion:180	Resp: 70032
Ion Ratio	Lower Upper
180 100	
182 96.7	48.4 145.0
145 32.0	14.8 44.4

