

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080224\
 Data File : VX042837.D
 Acq On : 02 Aug 2024 12:52
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/05/2024
 Supervised By :Semsettin Yesilyurt 08/05/2024

Quant Time: Aug 02 21:19:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080224W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 02 21:18:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	15982	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	94794	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	90447	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	44530	36.675	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 122.233%#			
60) 4-Bromofluorobenzene	11.079	95	42469	29.543	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.467%			
63) Toluene-d8	8.647	98	117145	29.606	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6505	6.551	ug/l	94
3) Chloromethane	1.301	50	4286	4.437	ug/l	90
4) Vinyl Chloride	1.374	62	4419	4.617	ug/l	92
5) Bromomethane	1.605	94	2710	5.204	ug/l #	78
6) Chloroethane	1.685	64	2712	6.029	ug/l	99
7) Trichlorofluoromethane	1.886	101	8017	6.266	ug/l	94
8) Diethyl Ether	2.136	74	2627	4.981	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	5906	5.960	ug/l	87
10) 1,1-Dichloroethene	2.313	96	5205	5.532	ug/l #	91
11) Methyl Iodide	2.447	142	4195	4.021	ug/l	81
12) Methyl Acetate	2.709	43	6519	4.043	ug/l	96
13) Acrolein	2.239	56	2807	16.565	ug/l	99
14) Acrylonitrile	3.068	53	15633	26.639	ug/l	96
15) Acetone	2.386	58	7825	44.612	ug/l	97
16) Carbon Disulfide	2.508	76	11600	6.175	ug/l	96
17) Allyl chloride	2.666	41	7602	5.210	ug/l	70
18) Methylene Chloride	2.788	84	7277	6.605	ug/l	90
19) trans-1,2-Dichloroethene	3.087	96	5475	5.722	ug/l	93
20) Diisopropyl ether	3.763	45	14583	4.672	ug/l #	72
21) 1,1-Dichloroethane	3.611	63	9848	5.430	ug/l	95
22) cis-1,2-Dichloroethene	4.495	96	6666	5.517	ug/l	94
23) tert-Butyl Alcohol	2.971	59	7577	32.855	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	17713	5.497	ug/l	97
25) Chloroform	5.099	83	10966	5.741	ug/l	98
26) Cyclohexane	5.464	56	7666	5.213	ug/l #	98
29) 1,1-Dichloropropene	5.702	75	7211m	5.725	ug/l	
30) 2-Butanone	4.568	43	25248	30.050	ug/l #	93
31) 2,2-Dichloropropane	4.477	77	8840	6.003	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	10077	6.026	ug/l #	89
33) Carbon Tetrachloride	5.678	117	7938	5.453	ug/l	97
34) Benzene	6.037	78	21504	5.249	ug/l #	95
35) Methacrylonitrile	4.928	41	3999	4.877	ug/l	97
36) 1,2-Dichloroethane	6.098	62	8603	6.207	ug/l #	85
37) Trichloroethene	7.123	130	5534	5.064	ug/l	97
38) Methylcyclohexane	7.373	83	8401	5.260	ug/l	97
39) 1,2-Dichloropropane	7.434	63	5282	5.238	ug/l	96
40) Dibromomethane	7.586	93	4109	5.504	ug/l	77
41) Bromodichloromethane	7.824	83	7669	5.384	ug/l	93
42) Vinyl Acetate	3.727	43	64874	24.437	ug/l	100

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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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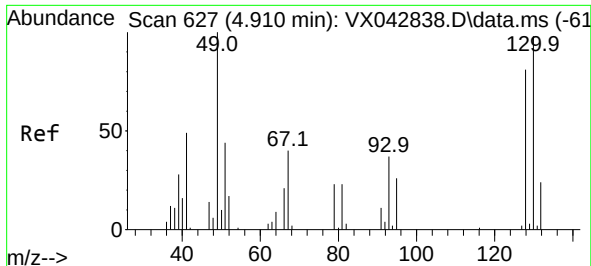
Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 08/05/2024
 Supervised By : Semsettin Yesilyurt 08/05/2024

Quant Time: Aug 02 21:19:45 2024
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 02 21:18:22 2024
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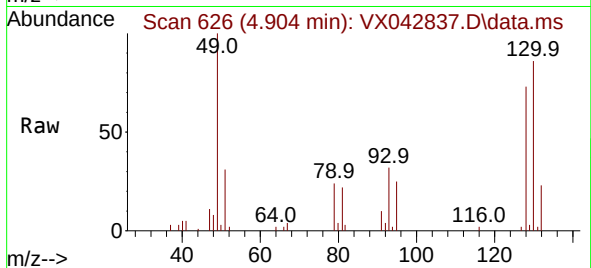
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Ethyl Acetate	4.721	43	7927	5.382	ug/l	#	89
44) Isopropyl Acetate	6.348	43	11602m	4.974	ug/l		
45) 1,4-Dioxane	7.665	88	2497m	94.572	ug/l		
46) Methyl methacrylate	7.696	41	5139	4.530	ug/l		94
47) n-amyl Acetate	10.848	43	9278	4.518	ug/l		98
48) t-1,3-Dichloropropene	8.982	75	6964	4.970	ug/l		98
49) cis-1,3-Dichloropropene	8.372	75	7854	5.048	ug/l		96
50) 1,1,2-Trichloroethane	9.153	97	5263	4.868	ug/l	#	87
51) Ethyl methacrylate	9.122	69	7960	4.688	ug/l		95
52) 1,3-Dichloropropane	9.311	76	9403	5.348	ug/l		96
53) Dibromochloromethane	9.525	129	5626	4.739	ug/l		98
54) 1,2-Dibromoethane	9.610	107	5749	5.114	ug/l		94
55) 2-Chloroethyl vinyl ether	8.244	63	17706	21.635	ug/l		98
56) Bromoform	10.799	173	3624	3.866	ug/l	#	95
58) 4-Methyl-2-Pentanone	8.574	43	38174	23.514	ug/l		96
59) 2-Hexanone	9.433	43	32267	25.313	ug/l		99
61) Tetrachloroethene	9.275	164	5089	4.665	ug/l	#	79
62) Toluene	8.720	91	24783	5.407	ug/l		97
64) Chlorobenzene	10.079	112	16010	5.150	ug/l		97
65) 1,1,1,2-Tetrachloroethane	10.165	131	5308	4.757	ug/l		94
66) Ethyl Benzene	10.195	91	25453	5.041	ug/l		97
67) m/p-Xylenes	10.305	106	19938	9.901	ug/l		95
68) o-Xylene	10.646	106	9180	4.576	ug/l		86
69) Styrene	10.659	104	15088	4.489	ug/l	#	91
70) Isopropylbenzene	10.963	105	25077	4.919	ug/l		97
71) 1,1,2,2-Tetrachloroethane	11.213	83	9231	5.249	ug/l		98
72) 1,2,3-Trichloropropane	11.244	75	7145m	5.097	ug/l		
73) Bromobenzene	11.201	156	6304	4.476	ug/l		85
74) n-propylbenzene	11.305	91	29234	5.139	ug/l		94
75) 2-Chlorotoluene	11.366	91	18060	5.046	ug/l		96
76) 1,3,5-Trimethylbenzene	11.451	105	21140	4.942	ug/l		93
77) t-1,4-Dichloro-2-butene	11.018	75	2103	4.048	ug/l		97
78) 4-Chlorotoluene	11.457	91	20801	5.207	ug/l		93
79) tert-butylbenzene	11.713	119	20514	4.546	ug/l		91
80) 1,2,4-Trimethylbenzene	11.756	105	20268	4.723	ug/l		95
81) sec-Butylbenzene	11.890	105	26291	4.887	ug/l		93
82) p-Isopropyltoluene	12.006	119	20501	4.415	ug/l		93
83) 1,3-Dichlorobenzene	11.969	146	11250	4.378	ug/l		94
84) 1,4-Dichlorobenzene	12.042	146	11565	4.523	ug/l		94
85) n-Butylbenzene	12.335	91	17593	4.728	ug/l		97
86) Hexachloroethane	12.536	117	3561	4.460	ug/l		72
87) 1,2-Dichlorobenzene	12.335	146	11158	4.316	ug/l		93
88) 1,2-Dibromo-3-Chloropr...	12.945	75	1971	5.236	ug/l	#	70
89) 1,2,4-Trichlorobenzene	13.591	180	6225	3.601	ug/l	#	97
90) Hexachlorobutadiene	13.725	225	3164	3.823	ug/l		96
91) Naphthalene	13.774	128	22473	4.233	ug/l		98
92) 1,2,3-Trichlorobenzene	13.963	180	6672	3.772	ug/l		95

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

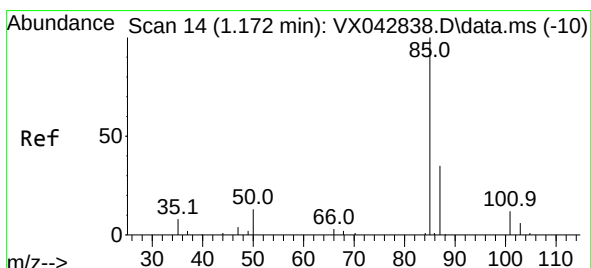
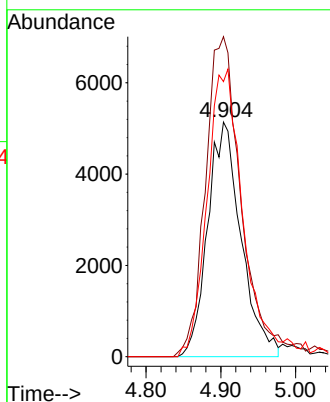
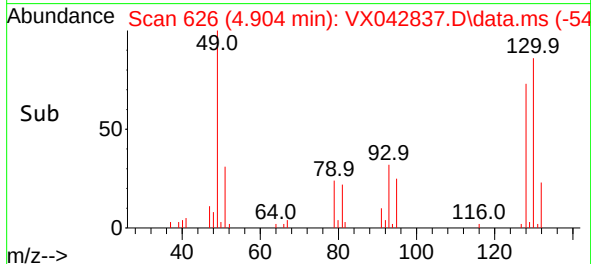
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 1598
Ion Ratio Lower Upper
128 100
49 145.3 0.0 338.5
130 130.2 0.0 324.5

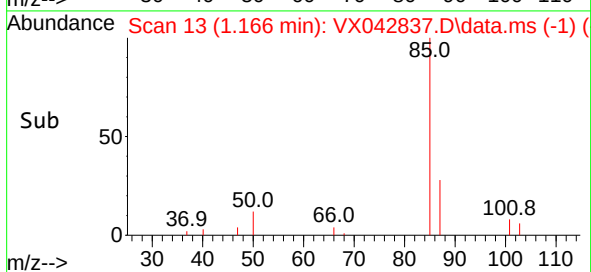
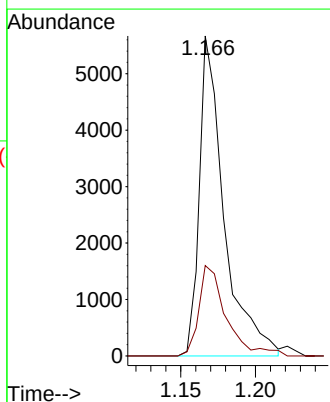
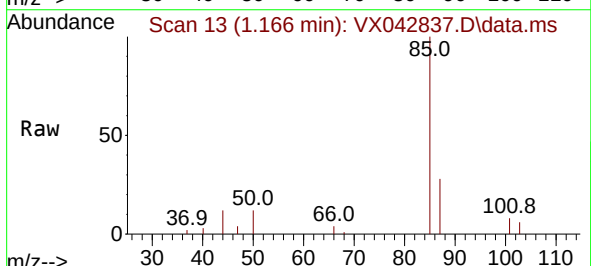
Manual Integrations
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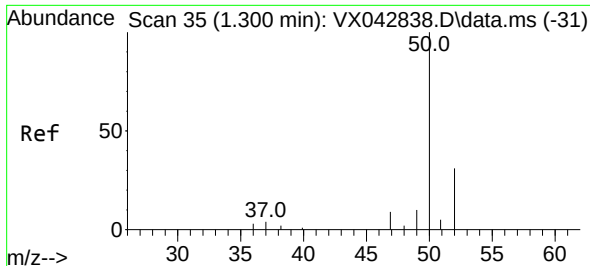
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#2
Dichlorodifluoromethane
Concen: 6.551 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.006 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

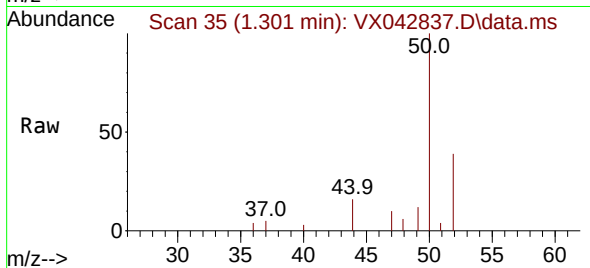
Tgt Ion: 85 Resp: 6505
Ion Ratio Lower Upper
85 100
87 28.3 15.8 47.3





#3
Chloromethane
Concen: 4.437 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

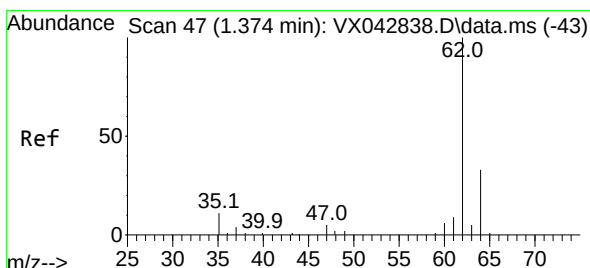
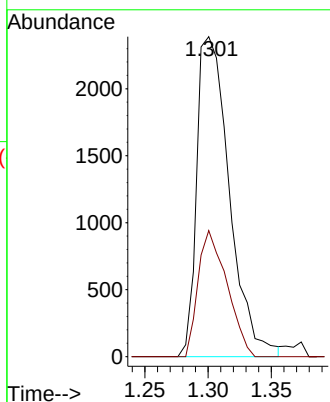
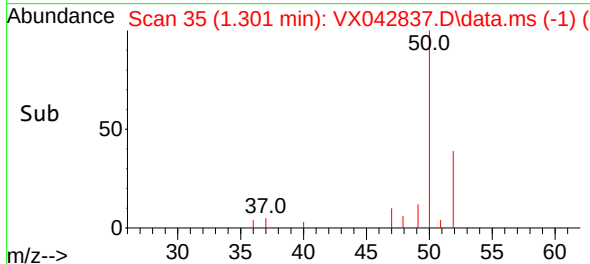
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



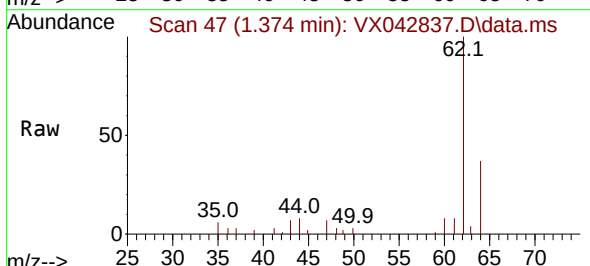
Tgt Ion: 50 Resp: 4280
Ion Ratio Lower Upper
50 100
52 39.4 26.9 40.3

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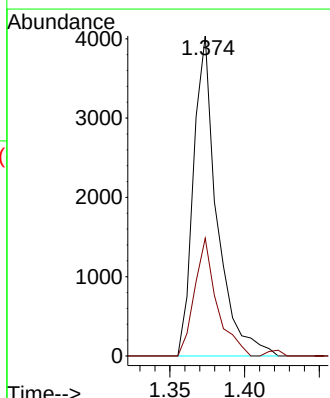
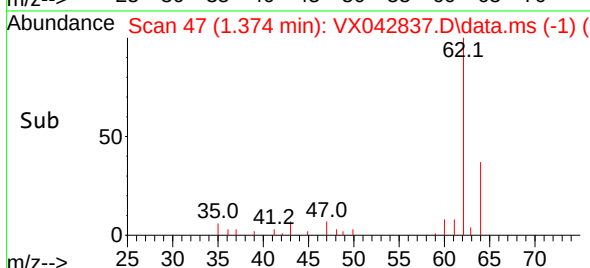
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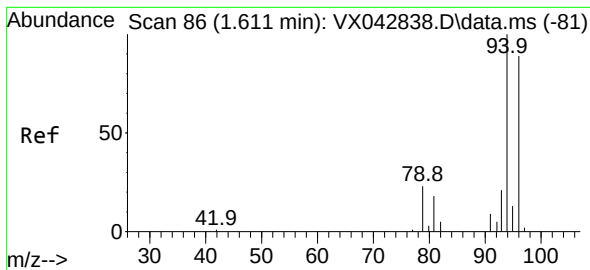


#4
Vinyl Chloride
Concen: 4.617 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52



Tgt Ion: 62 Resp: 4419
Ion Ratio Lower Upper
62 100
64 36.8 26.1 39.1





#5

Bromomethane

Concen: 5.204 ug/l

RT: 1.605 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 94 Resp: 2710

Ion Ratio Lower Upper

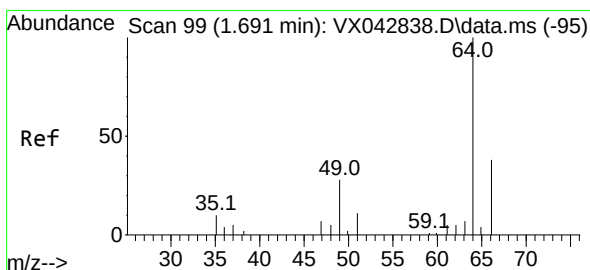
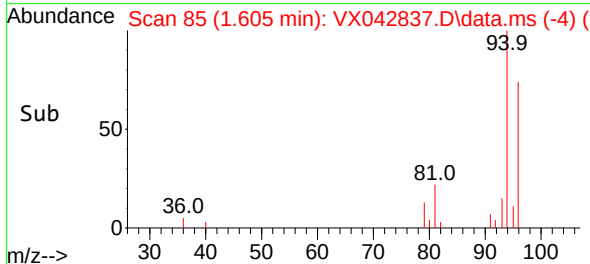
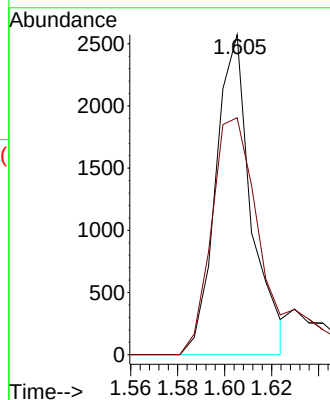
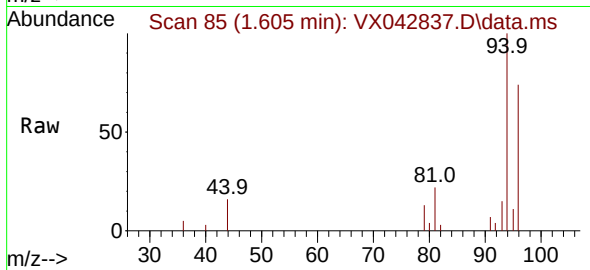
94 100

96 74.0 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#6

Chloroethane

Concen: 6.029 ug/l

RT: 1.685 min Scan# 98

Delta R.T. -0.006 min

Lab File: VX042837.D

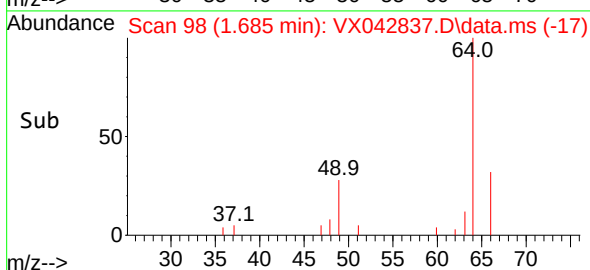
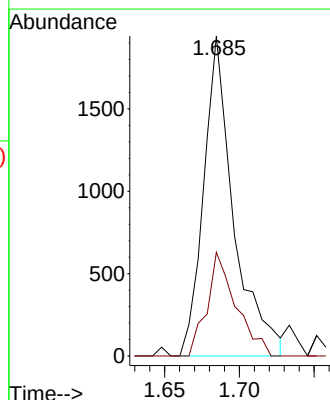
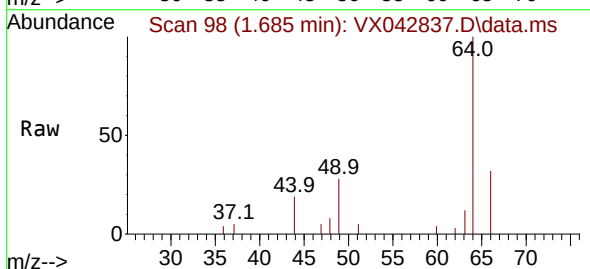
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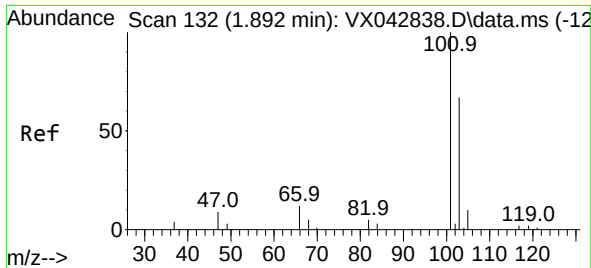
Tgt Ion: 64 Resp: 2712

Ion Ratio Lower Upper

64 100

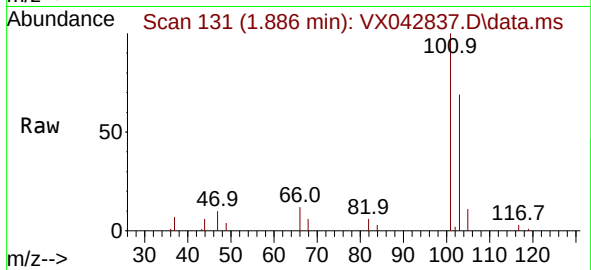
66 32.4 26.4 39.6





#7
Trichlorofluoromethane
Concen: 6.266 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

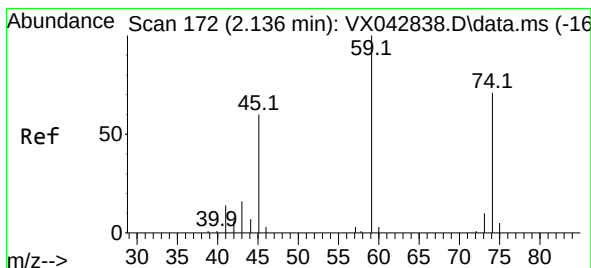
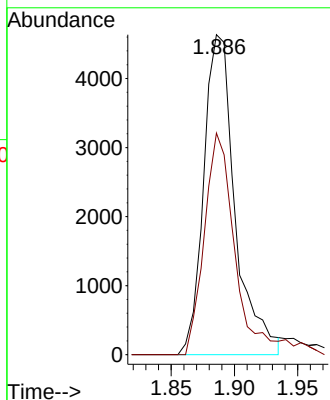
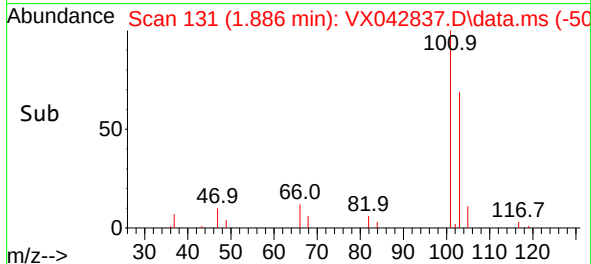
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:101 Resp: 801
Ion Ratio Lower Upper
101 100
103 69.2 51.8 77.8

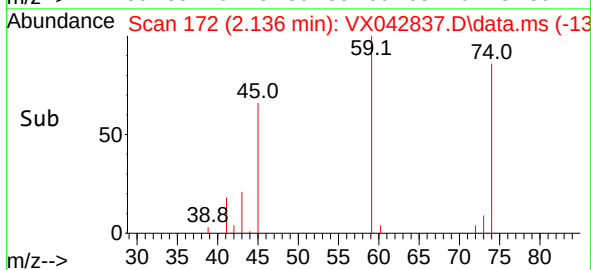
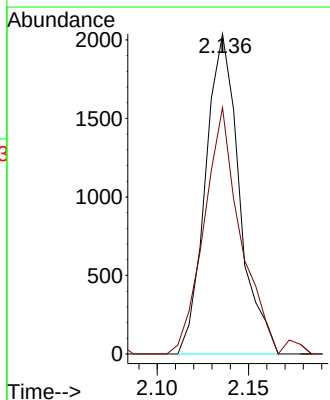
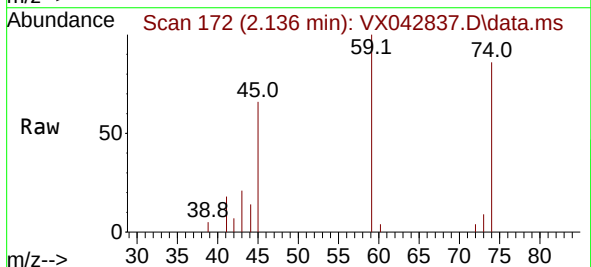
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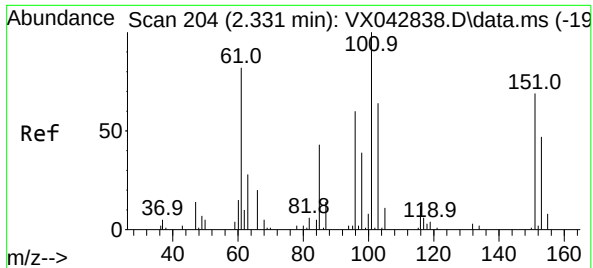
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#8
Diethyl Ether
Concen: 4.981 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

Tgt Ion: 74 Resp: 2627
Ion Ratio Lower Upper
74 100
45 82.4 18.7 168.7





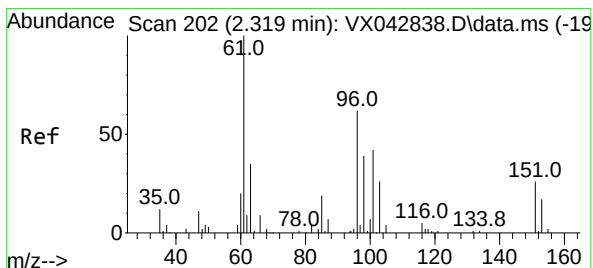
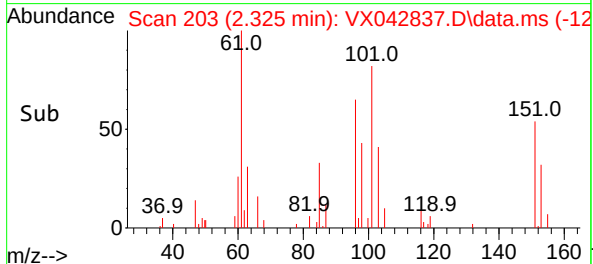
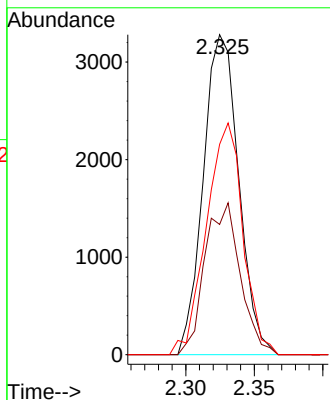
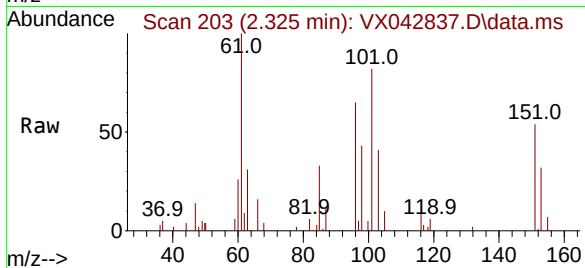
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.960 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 5900
Ion Ratio Lower Upper
101 100
85 47.5 0.0 80.4
151 74.7 0.0 175.2

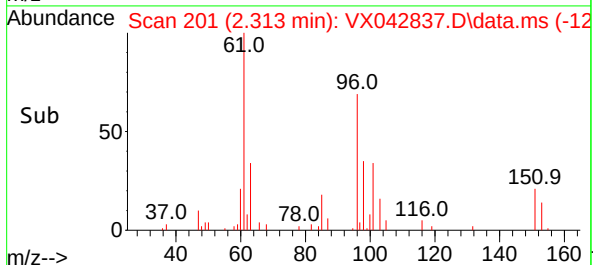
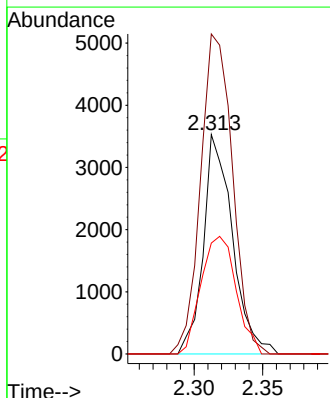
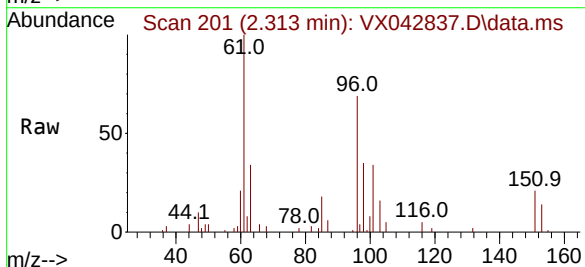
Manual Integrations
APPROVED

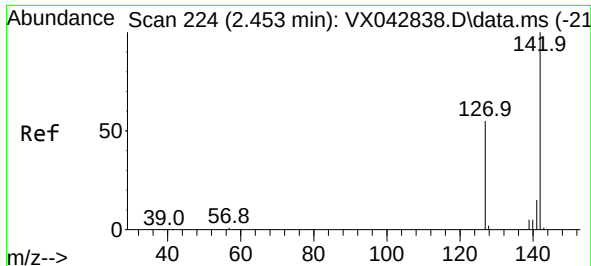
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#10
1,1-Dichloroethene
Concen: 5.532 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

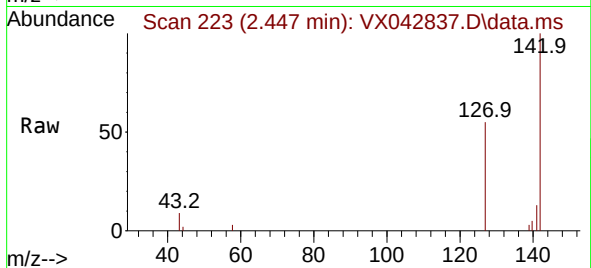
Tgt Ion: 96 Resp: 5205
Ion Ratio Lower Upper
96 100
61 145.9 122.3 183.5
98 50.5 51.5 77.3#





#11
Methyl Iodide
Concen: 4.021 ug/l
RT: 2.447 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

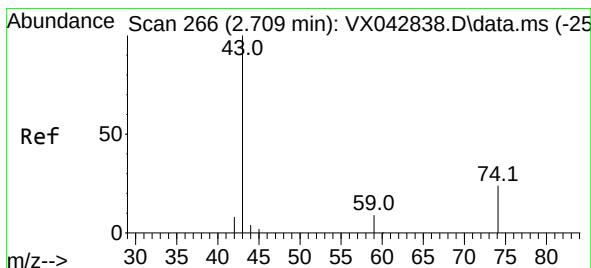
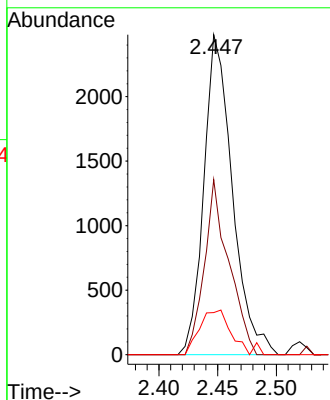
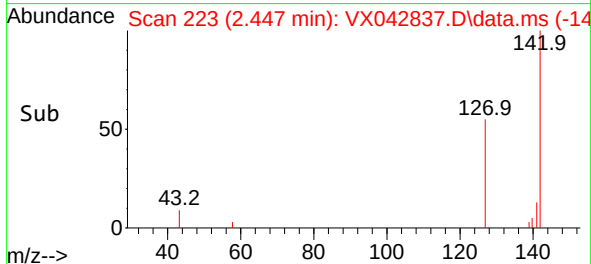
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:142 Resp: 419
Ion Ratio Lower Upper
142 100
127 54.7 19.8 59.3
141 13.2 6.7 20.1

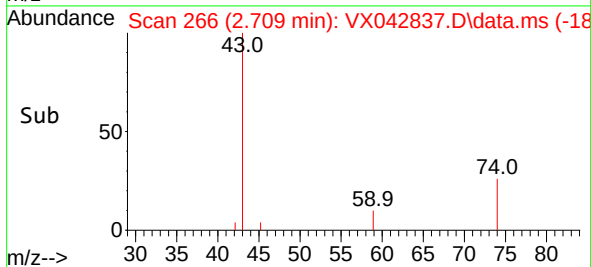
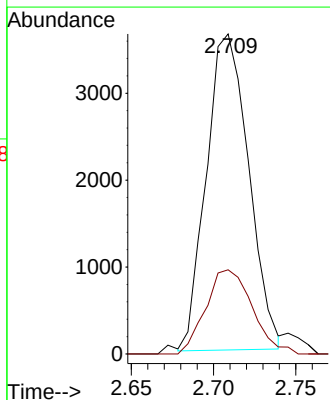
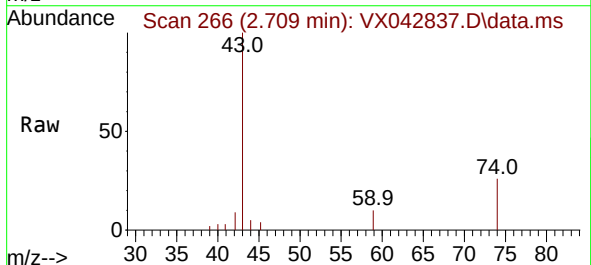
Manual Integrations
APPROVED

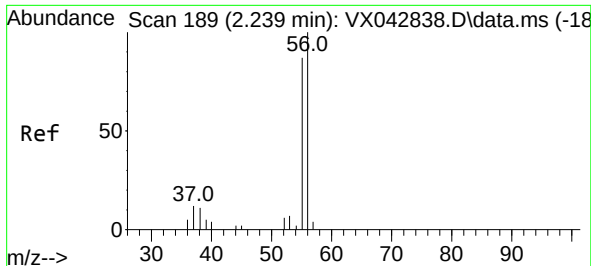
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#12
Methyl Acetate
Concen: 4.043 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

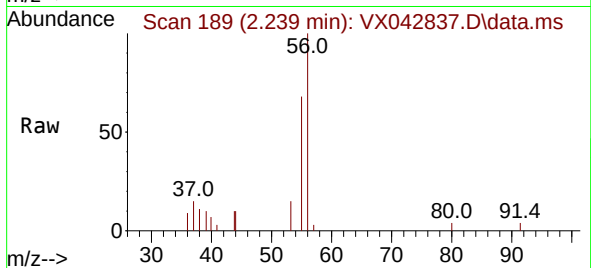
Tgt Ion: 43 Resp: 6519
Ion Ratio Lower Upper
43 100
74 26.1 19.4 29.2





#13
Acrolein
Concen: 16.565 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

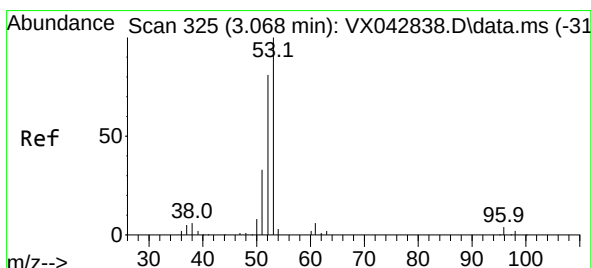
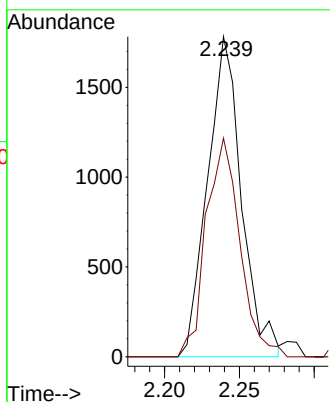
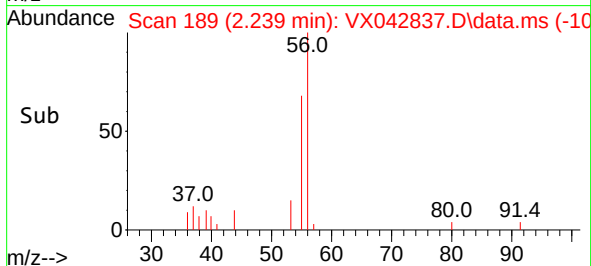
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



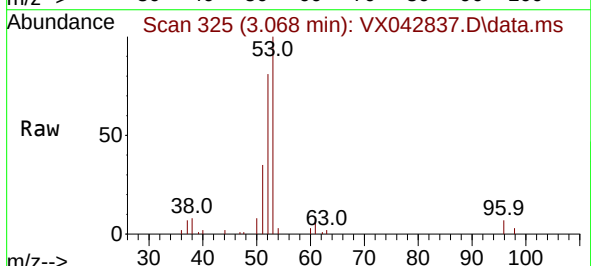
Tgt Ion: 56 Resp: 280
Ion Ratio Lower Upper
56 100
55 68.0 55.4 83.0

Manual Integrations
APPROVED

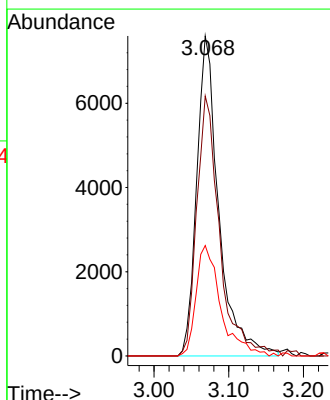
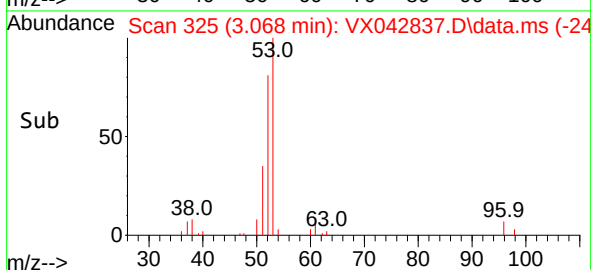
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024

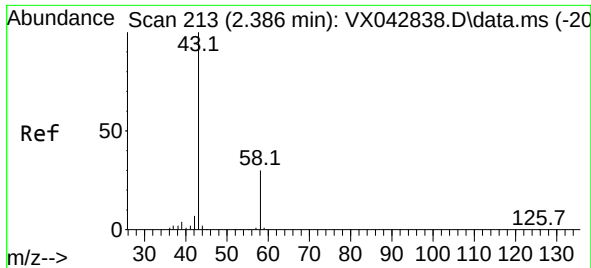


#14
Acrylonitrile
Concen: 26.639 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52



Tgt Ion: 53 Resp: 15633
Ion Ratio Lower Upper
53 100
52 81.9 39.9 119.7
51 38.5 17.4 52.3





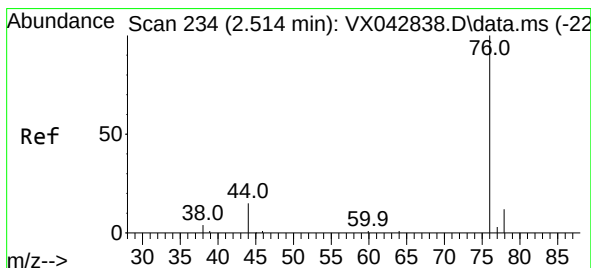
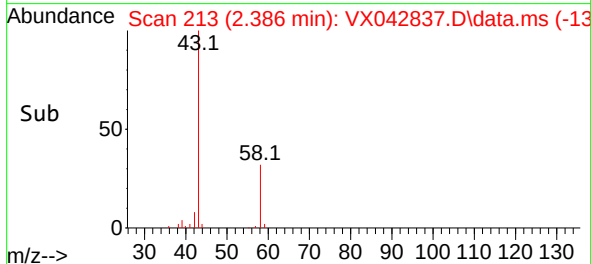
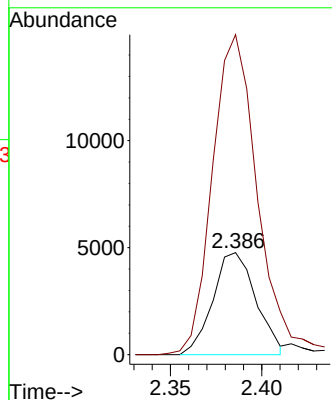
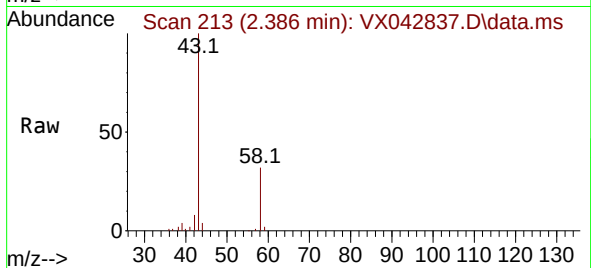
#15
Acetone
Concen: 44.612 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 58 Resp: 782
Ion Ratio Lower Upper
58 100
43 309.9 243.4 365.2

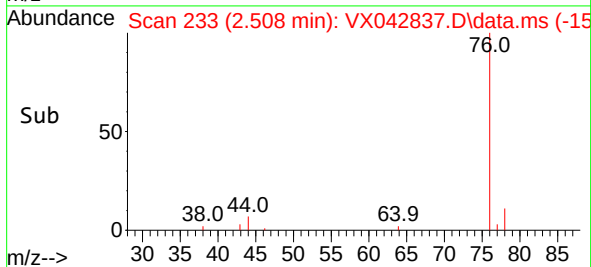
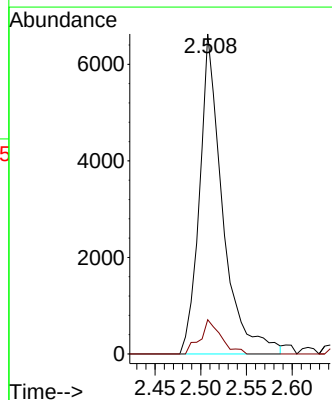
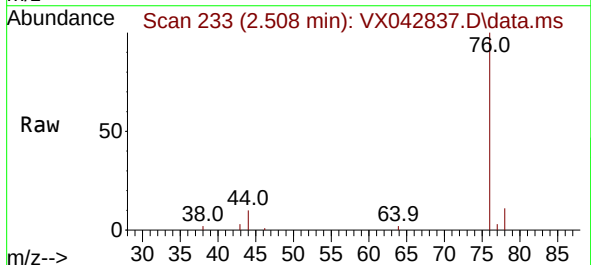
Manual Integrations
APPROVED

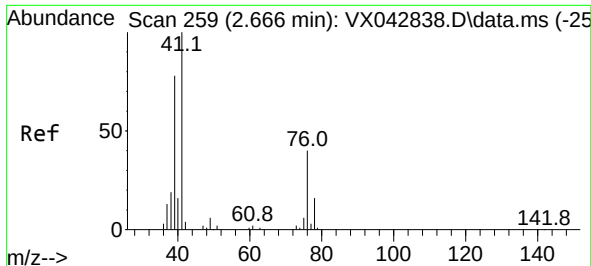
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#16
Carbon Disulfide
Concen: 6.175 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

Tgt Ion: 76 Resp: 11600
Ion Ratio Lower Upper
76 100
78 10.7 7.3 10.9





#17

Allyl chloride

Concen: 5.210 ug/l

RT: 2.666 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

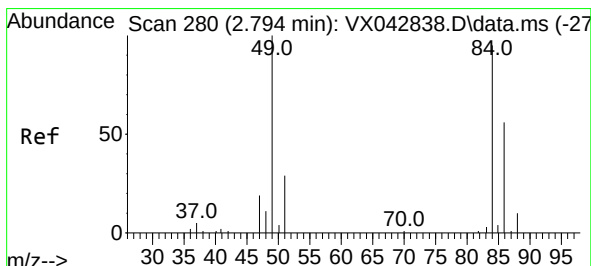
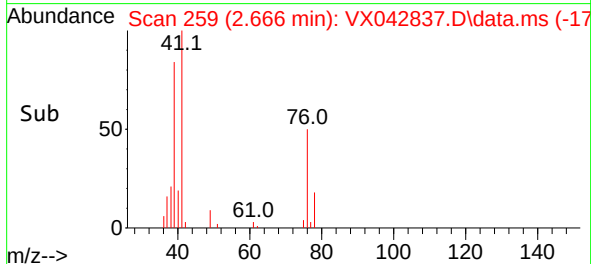
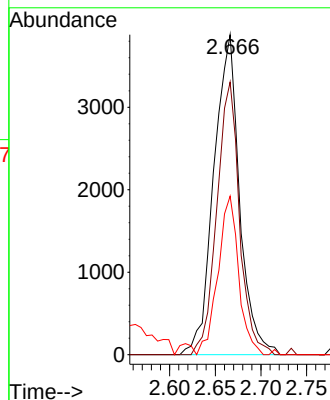
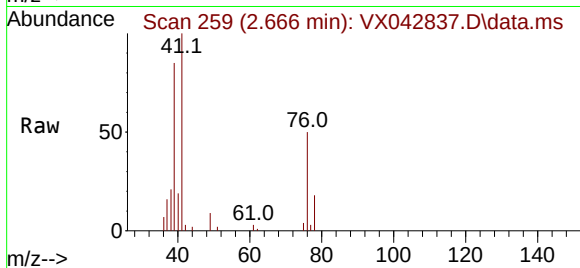
VSTDIC005

Tgt Ion:	41	Resp:	760
Ion	Ratio	Lower	Upper
41	100		
39	85.2	29.6	88.8
76	49.5	18.1	54.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#18

Methylene Chloride

Concen: 6.605 ug/l

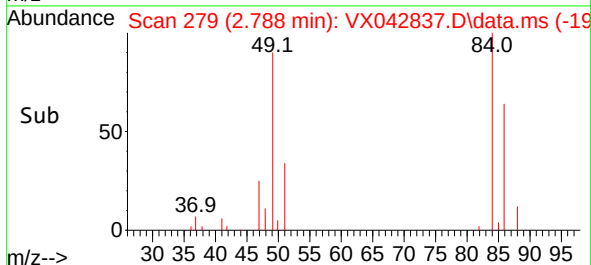
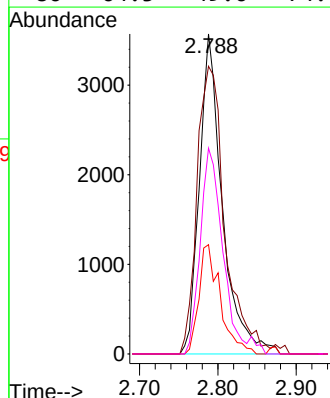
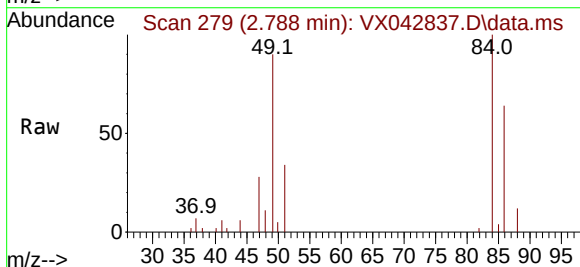
RT: 2.788 min Scan# 279

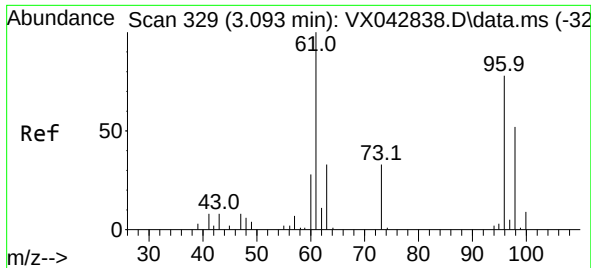
Delta R.T. -0.006 min

Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

Tgt Ion:	84	Resp:	7277
Ion	Ratio	Lower	Upper
84	100		
49	89.9	85.3	127.9
51	34.2	28.5	42.7
86	64.3	49.6	74.4





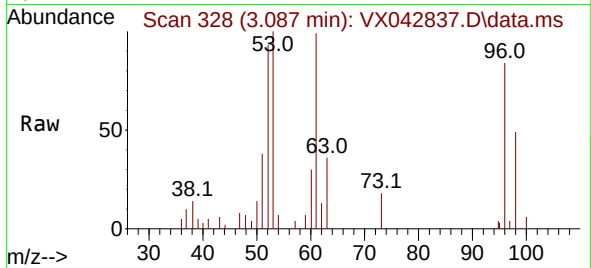
#19
trans-1,2-Dichloroethene
Concen: 5.722 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

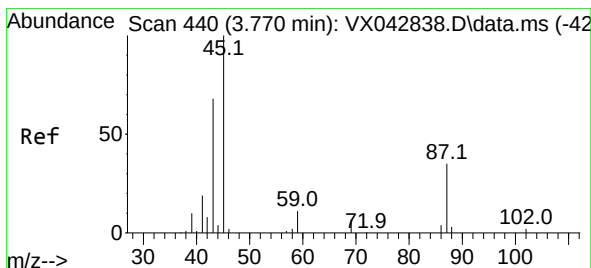
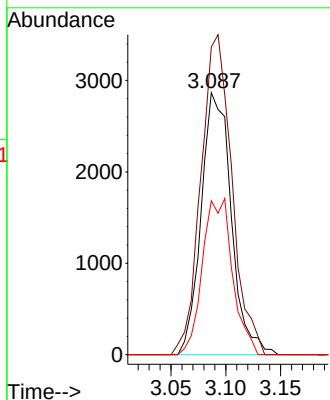
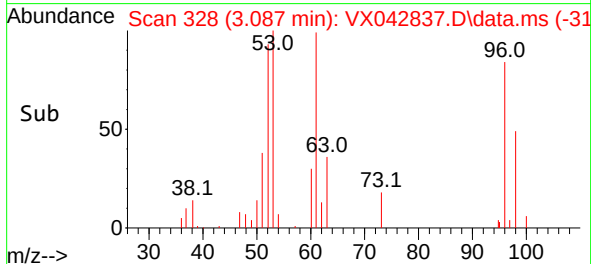


Tgt Ion: 96 Resp: 5479
Ion Ratio Lower Upper
96 100
61 117.5 100.1 150.1
98 58.8 52.1 78.1

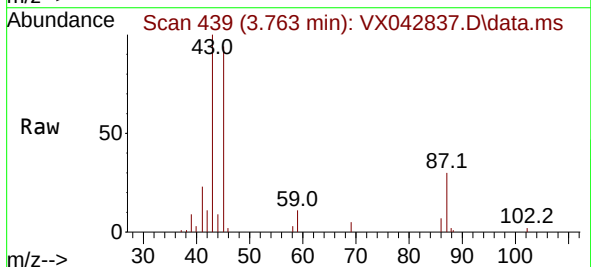
Manual Integrations

APPROVED

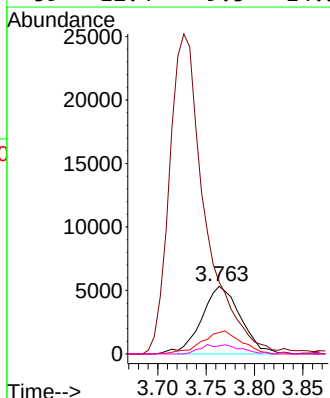
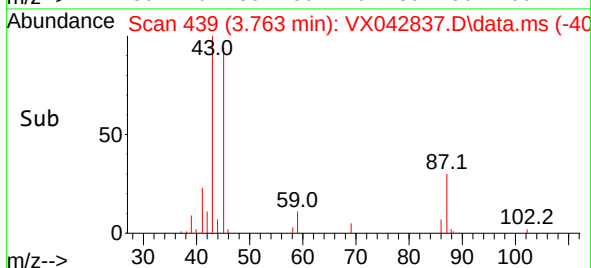
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024

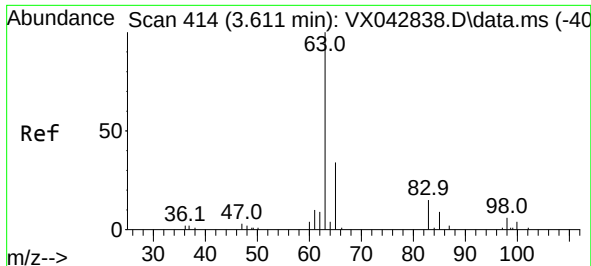


#20
Diisopropyl ether
Concen: 4.672 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52



Tgt Ion: 45 Resp: 14583
Ion Ratio Lower Upper
45 100
43 102.6 55.8 83.8#
87 32.3 22.6 34.0
59 12.4 9.5 14.3





#21

1,1-Dichloroethane

Concen: 5.430 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

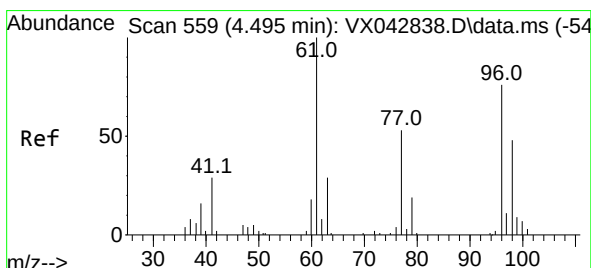
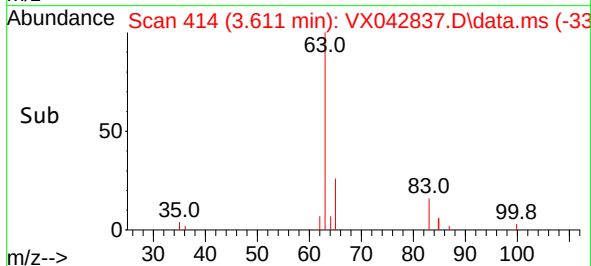
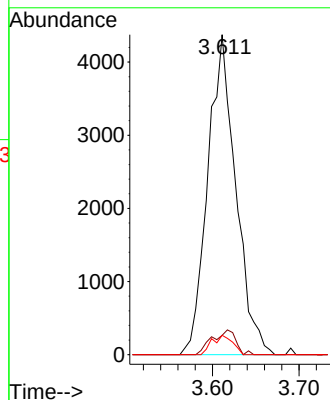
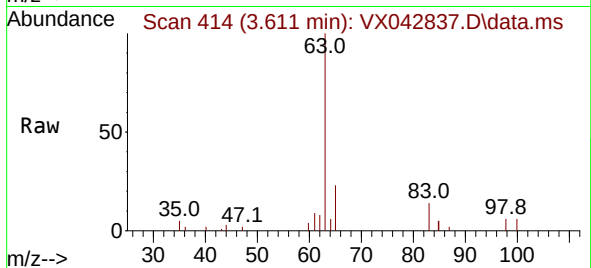
Tgt Ion: 63 Resp: 984

Ion	Ratio	Lower	Upper
63	100		
98	6.0	4.2	12.4
100	6.1	2.5	7.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#22

cis-1,2-Dichloroethene

Concen: 5.517 ug/l

RT: 4.495 min Scan# 559

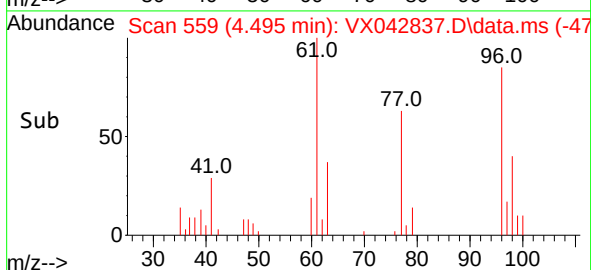
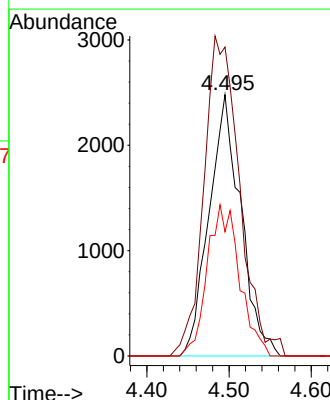
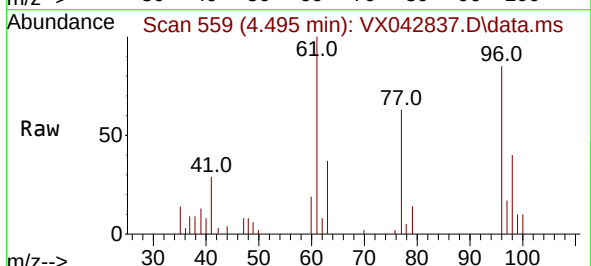
Delta R.T. 0.000 min

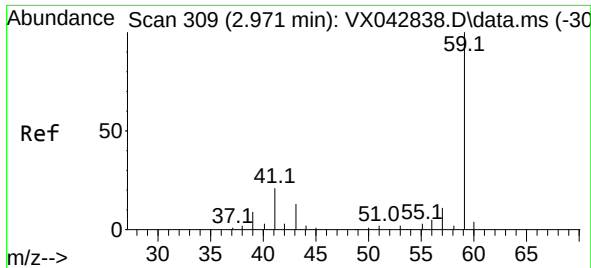
Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

Tgt Ion: 96 Resp: 6666

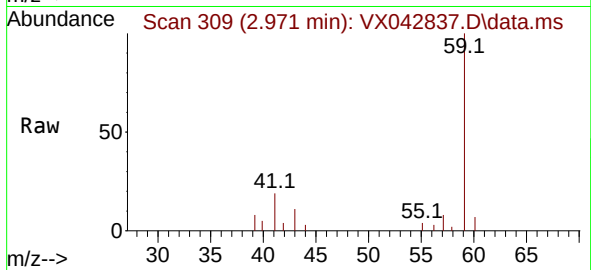
Ion	Ratio	Lower	Upper
96	100		
61	134.6	103.3	154.9
98	58.8	52.2	78.2





#23
tert-Butyl Alcohol
Concen: 32.855 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

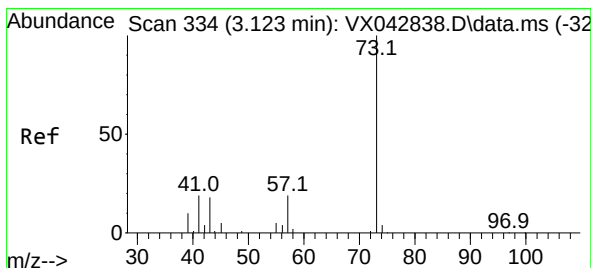
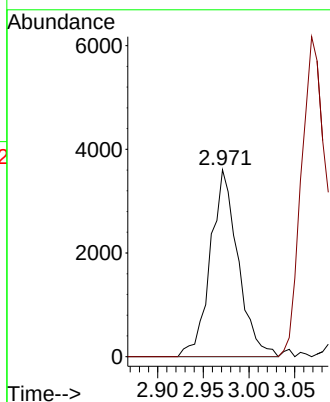
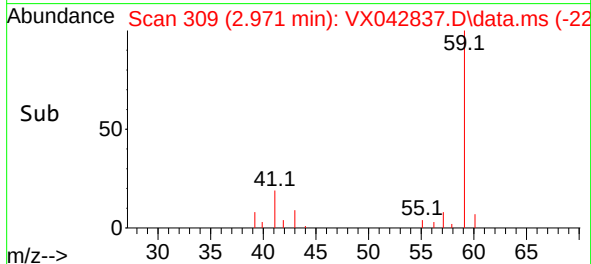
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



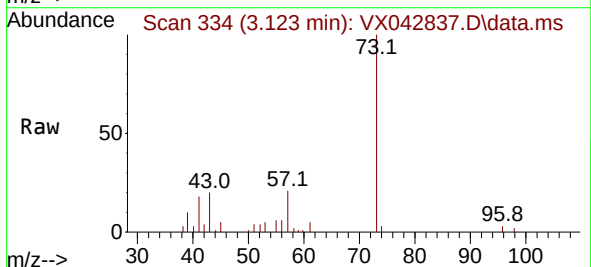
Tgt Ion: 59 Resp: 757
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
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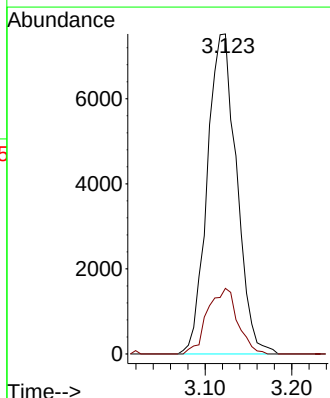
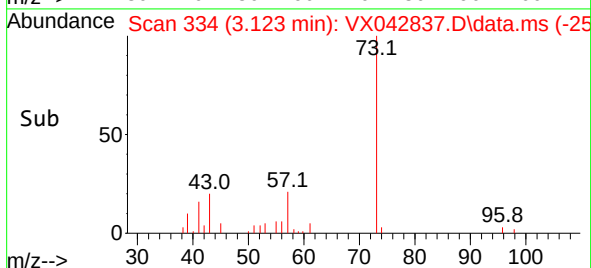
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024

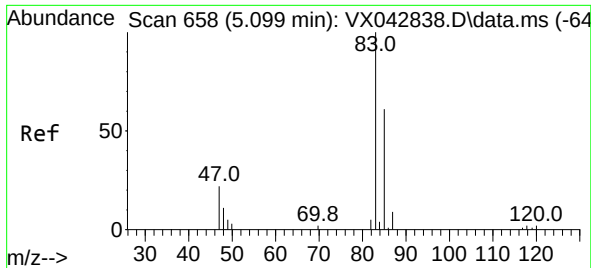


#24
Methyl tert-Butyl Ether
Concen: 5.497 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52



Tgt Ion: 73 Resp: 17713
Ion Ratio Lower Upper
73 100
43 20.4 15.1 22.7





#25

Chloroform

Concen: 5.741 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 83 Resp: 1096

Ion Ratio Lower Upper

83 100

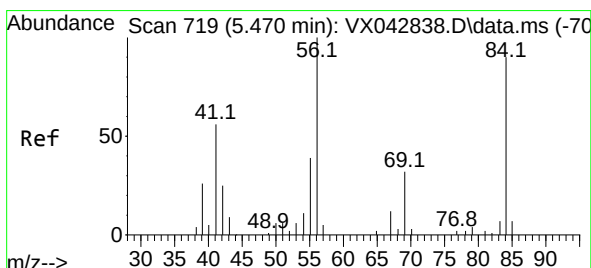
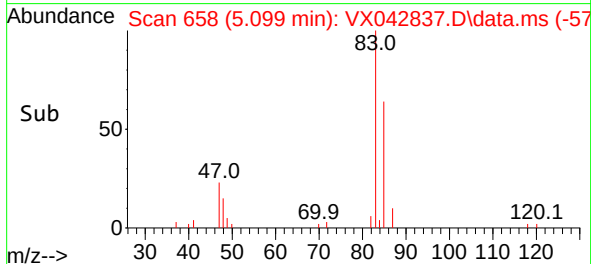
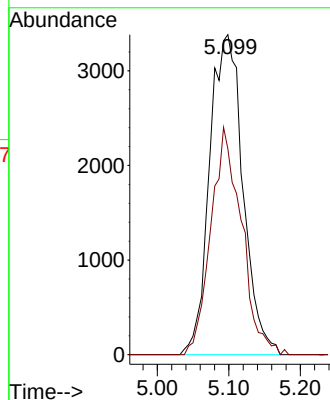
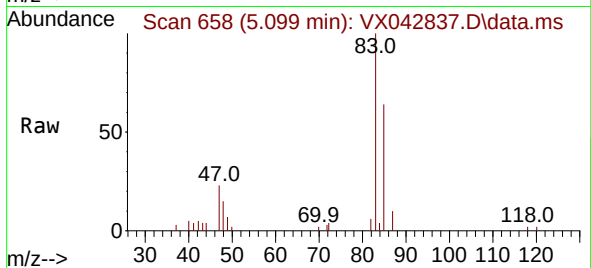
85 64.3 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2024

Supervised By :Semsettin Yesilyurt 08/05/2024



#26

Cyclohexane

Concen: 5.213 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

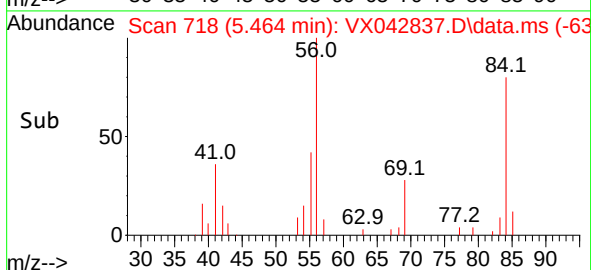
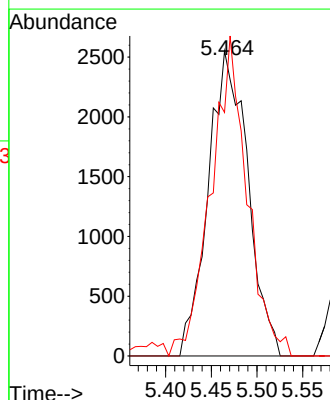
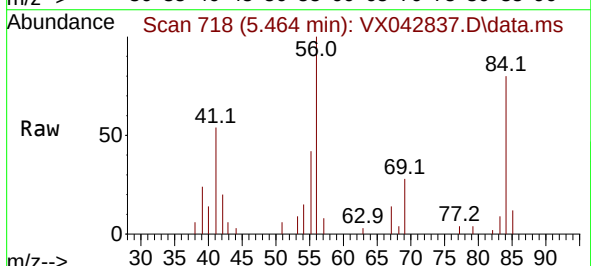
Tgt Ion: 56 Resp: 7666

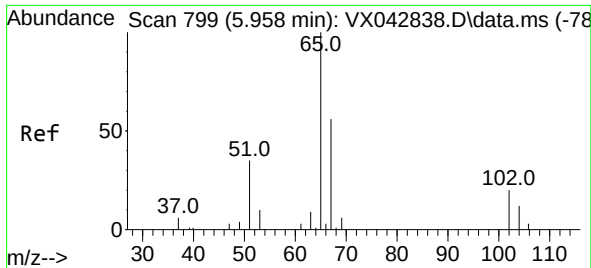
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 92.9 73.1 109.7





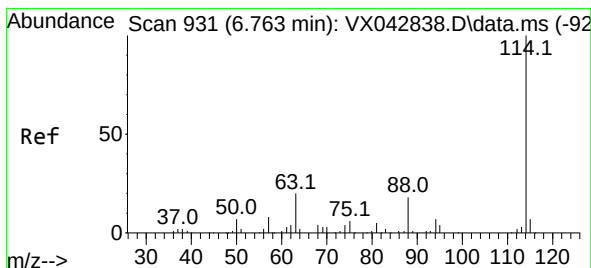
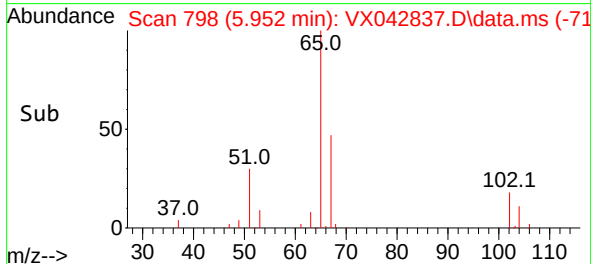
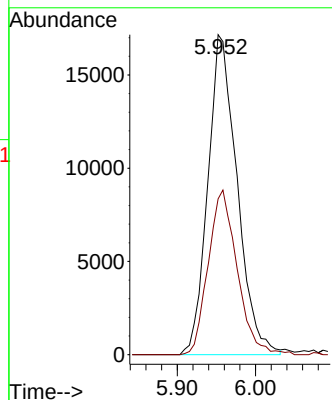
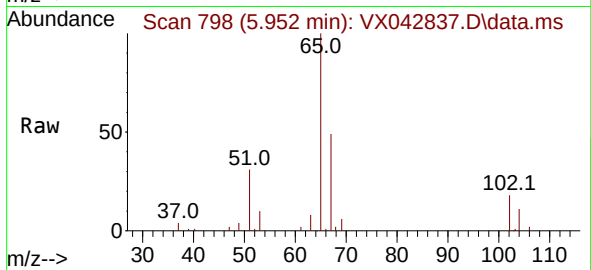
#27
1,2-Dichloroethane-d4
Concen: 36.675 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 65 Resp: 44530
Ion Ratio Lower Upper
65 100
67 50.4 43.4 65.0

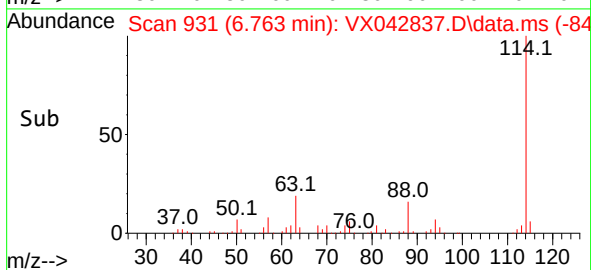
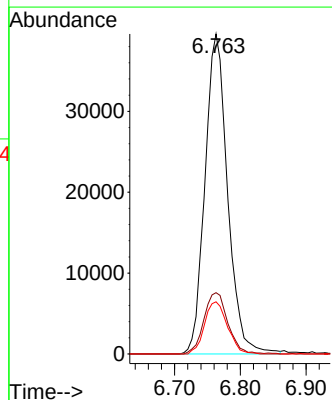
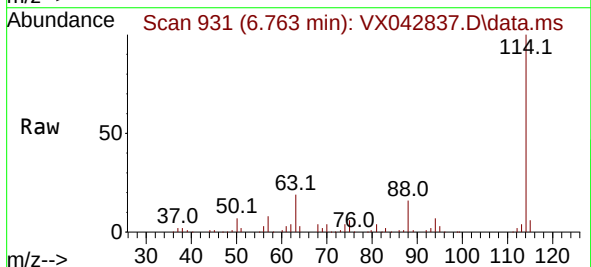
Manual Integrations
APPROVED

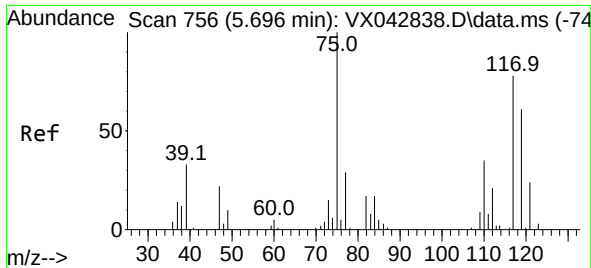
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

Tgt Ion:114 Resp: 94794
Ion Ratio Lower Upper
114 100
63 20.2 14.6 21.8
88 16.5 11.8 17.8





#29

1,1-Dichloropropene

Concen: 5.725 ug/l m

RT: 5.702 min Scan# 756

Delta R.T. 0.006 min

Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

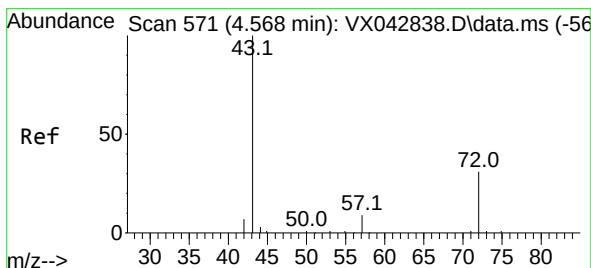
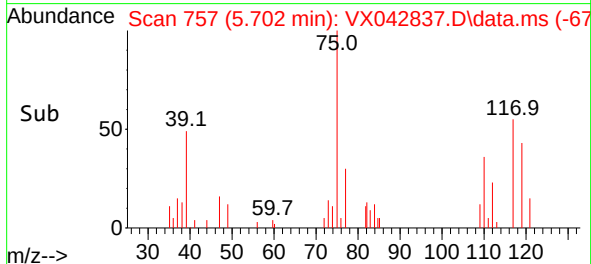
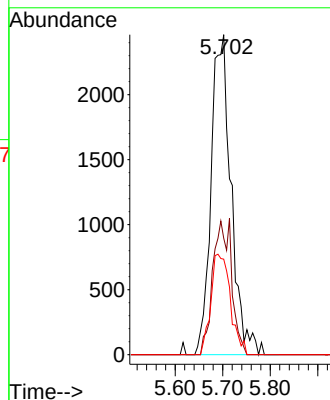
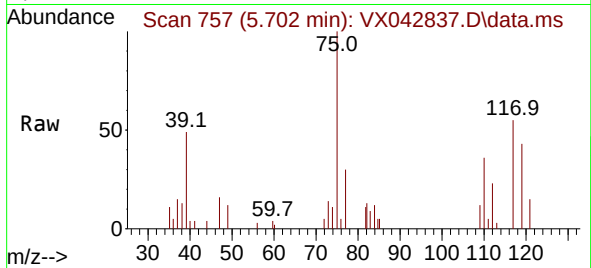
VSTDICC005

Tgt Ion: 75	Resp: 721
Ion Ratio	Lower Upper
75 100	
110 10.9	0.0 80.2
77 0.0	0.0 65.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#30

2-Butanone

Concen: 30.050 ug/l

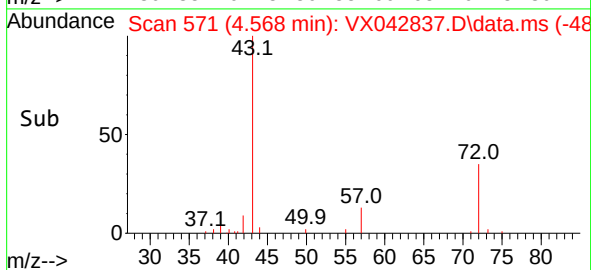
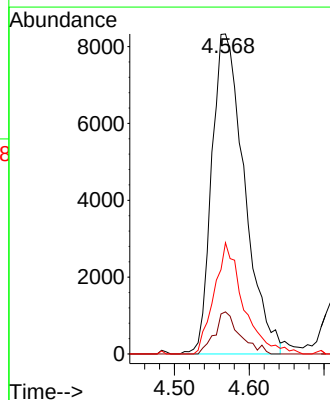
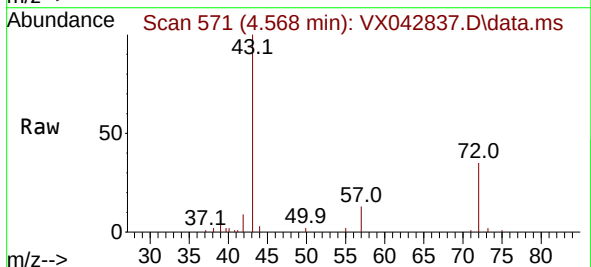
RT: 4.568 min Scan# 571

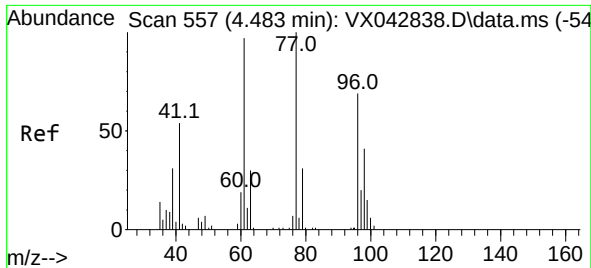
Delta R.T. 0.000 min

Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

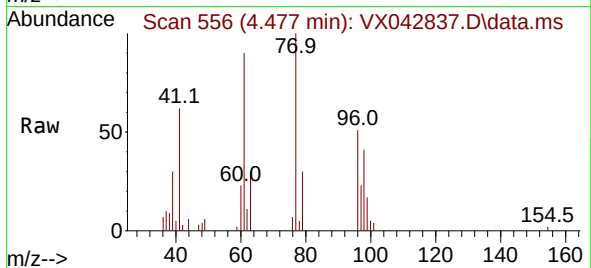
Tgt Ion: 43	Resp: 25248
Ion Ratio	Lower Upper
43 100	
57 9.7	6.5 9.7#
72 31.2	22.0 33.0





#31
2,2-Dichloropropane
Concen: 6.003 ug/l
RT: 4.477 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

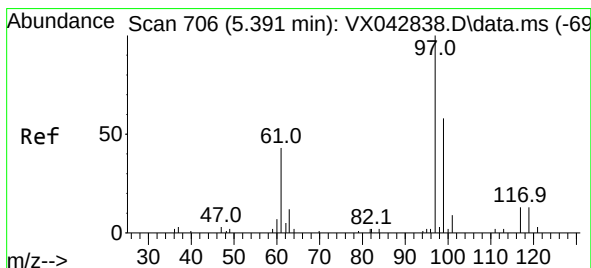
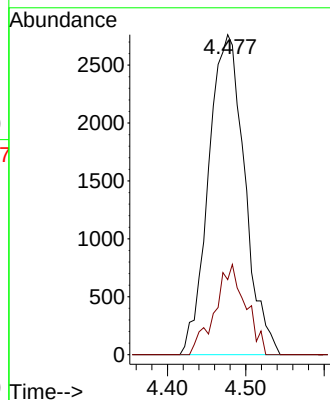
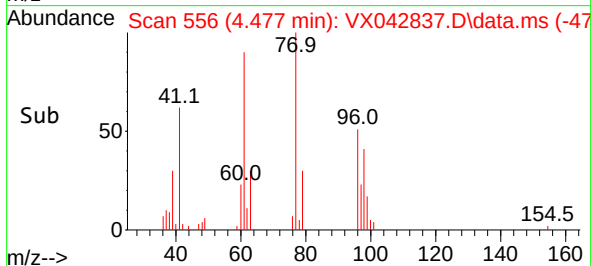
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



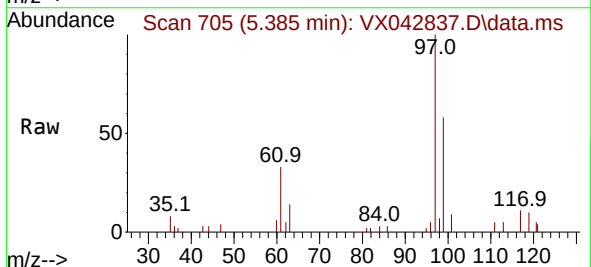
Tgt Ion: 77 Resp: 8840
Ion Ratio Lower Upper
77 100
97 21.1 20.2 30.2

Manual Integrations
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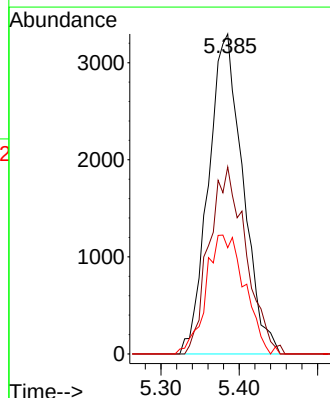
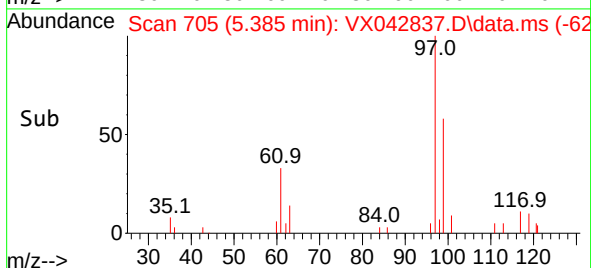
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024

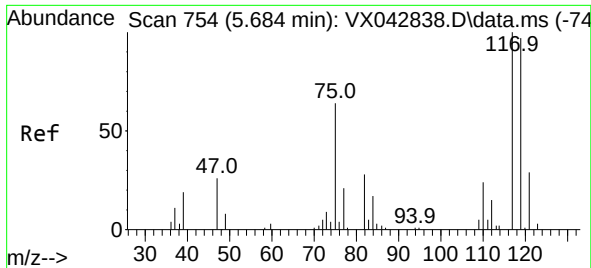


#32
1,1,1-Trichloroethane
Concen: 6.026 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52



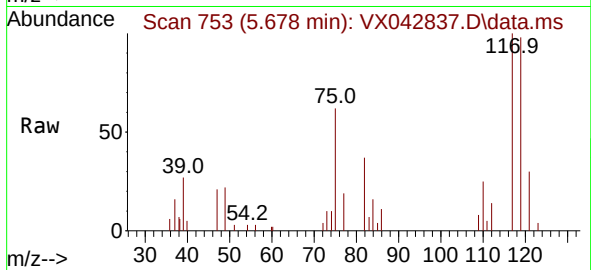
Tgt Ion: 97 Resp: 10077
Ion Ratio Lower Upper
97 100
99 62.4 52.0 78.0
61 24.3 31.7 47.5#





#33
Carbon Tetrachloride
Concen: 5.453 ug/l
RT: 5.678 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

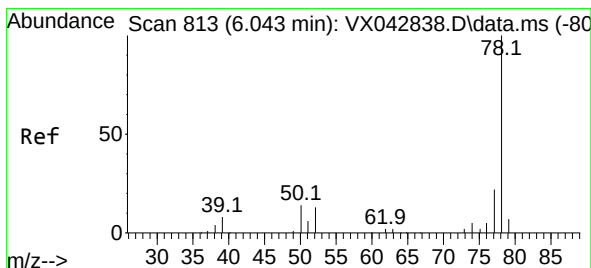
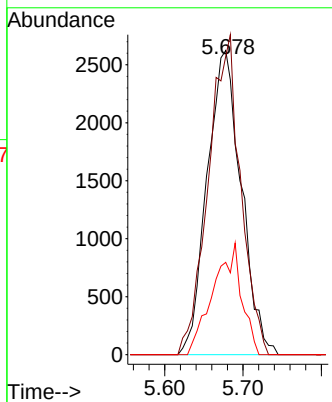
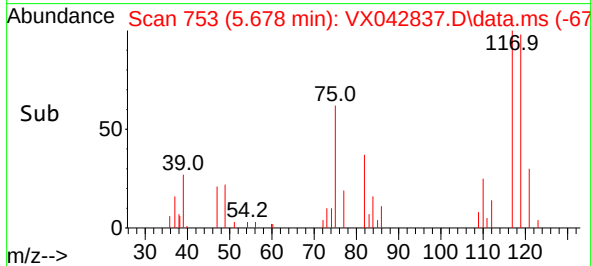
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 7938
Ion Ratio Lower Upper
117 100
119 98.1 75.7 113.5
121 30.3 24.9 37.3

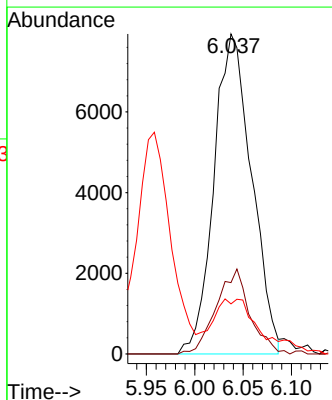
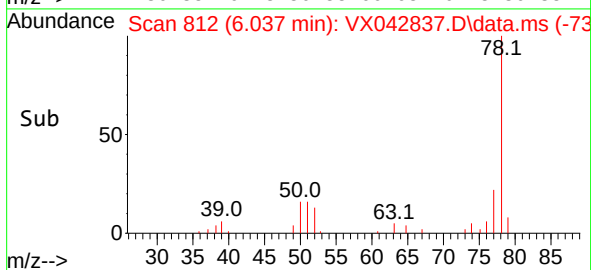
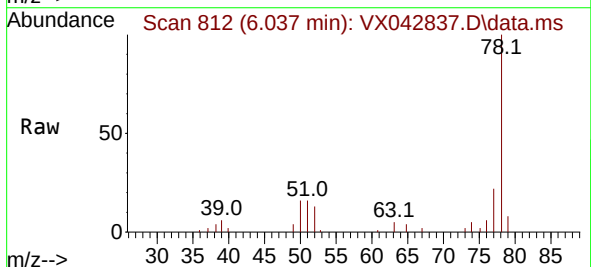
Manual Integrations
APPROVED

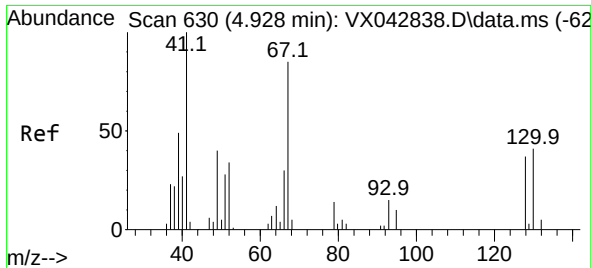
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#34
Benzene
Concen: 5.249 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

Tgt Ion: 78 Resp: 21504
Ion Ratio Lower Upper
78 100
77 22.3 18.9 28.3
51 11.7 11.8 17.8#





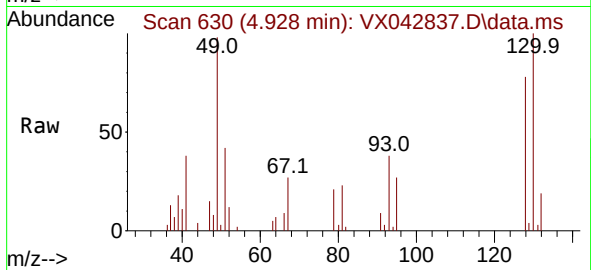
#35
Methacrylonitrile
Concen: 4.877 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

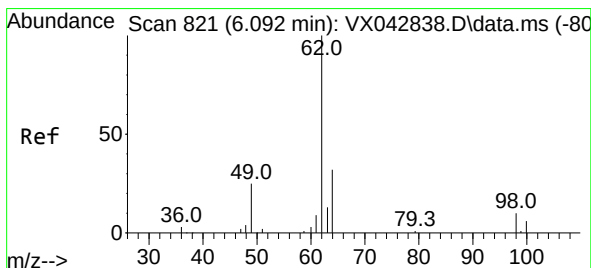
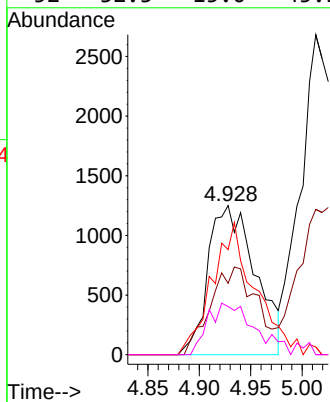
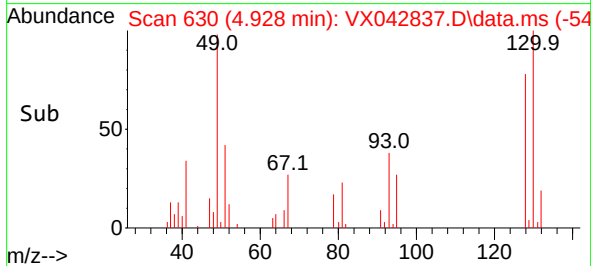


Tgt Ion:	41	Ratio	100	Lower	Upper
39	47.9	25.2	75.6		
67	70.6	34.2	102.5		
52	32.3	15.0	45.1		

Manual Integrations

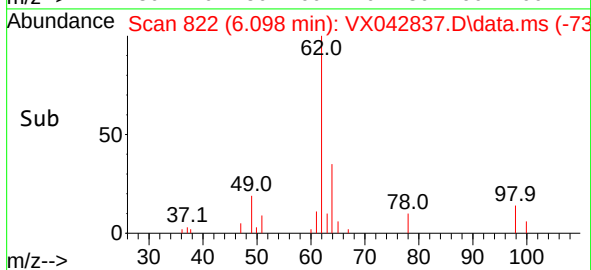
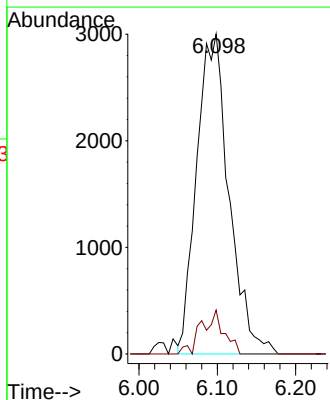
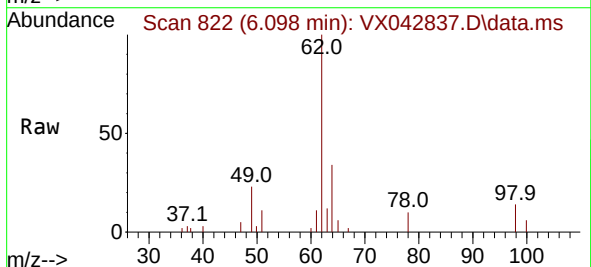
APPROVED

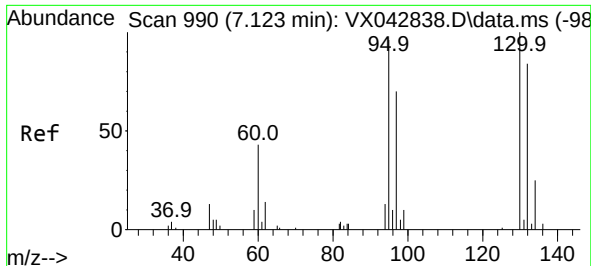
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#36
1,2-Dichloroethane
Concen: 6.207 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

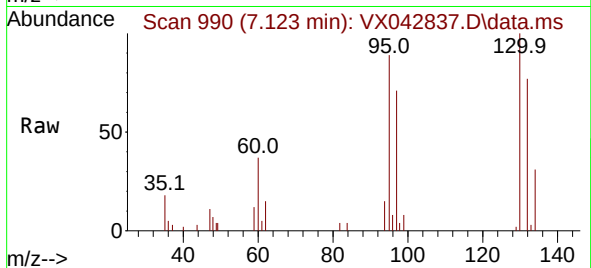
Tgt Ion:	62	Ratio	100	Lower	Upper
98	5.6	9.1	13.7		





#37
Trichloroethene
Concen: 5.064 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

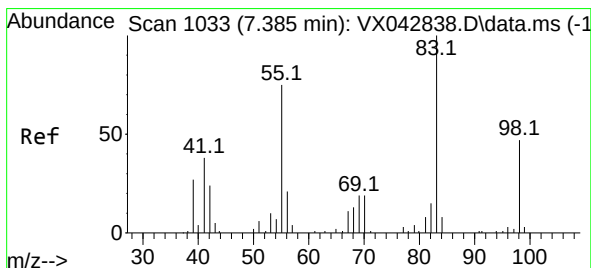
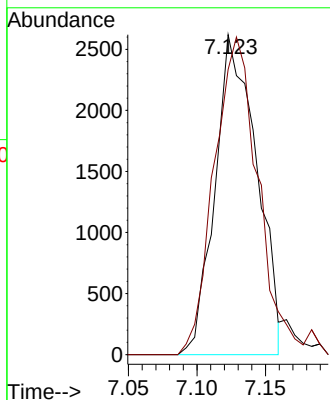
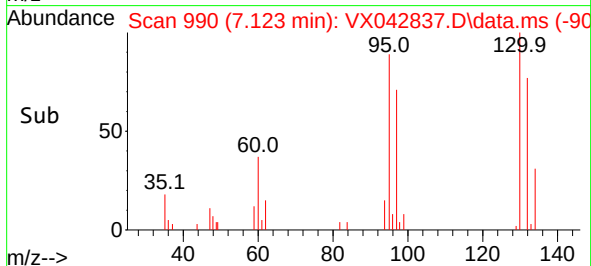
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



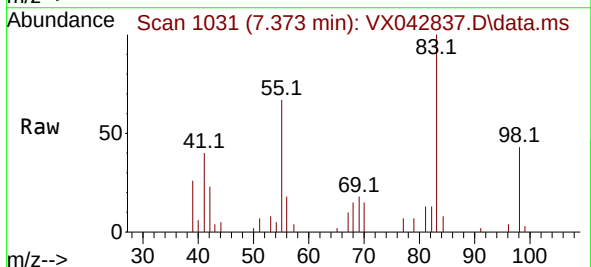
Tgt Ion:130 Resp: 5534
Ion Ratio Lower Upper
130 100
95 89.1 69.4 104.0

Manual Integrations
APPROVED

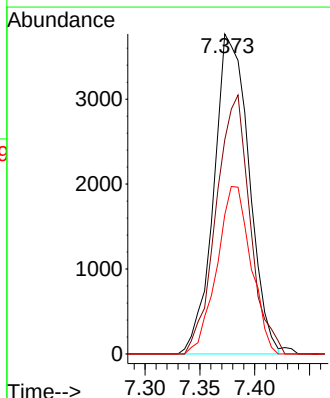
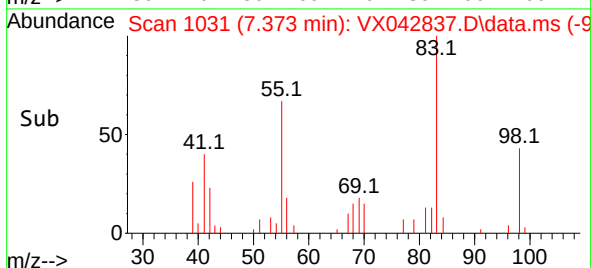
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024

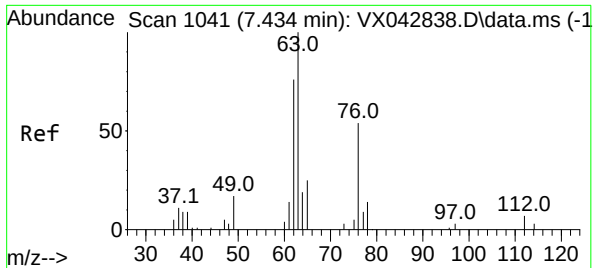


#38
Methylcyclohexane
Concen: 5.260 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52



Tgt Ion: 83 Resp: 8401
Ion Ratio Lower Upper
83 100
55 77.8 37.3 111.9
98 50.7 24.8 74.4





#39

1,2-Dichloropropane

Concen: 5.238 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 528

Ion Ratio Lower Upper

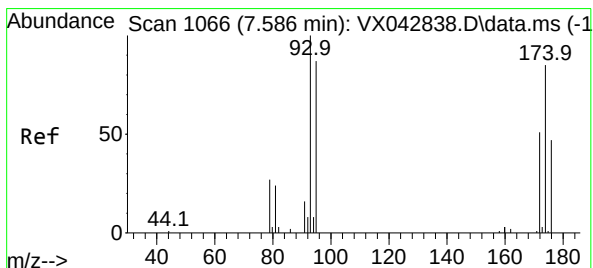
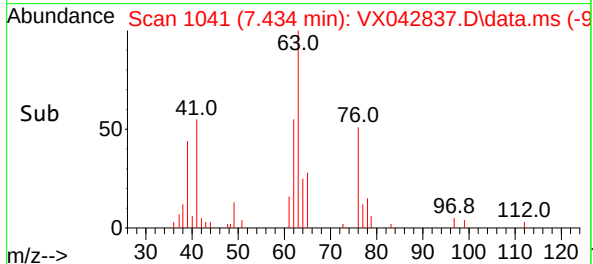
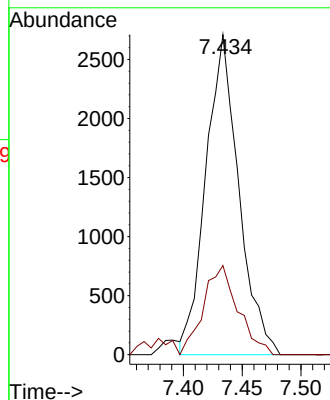
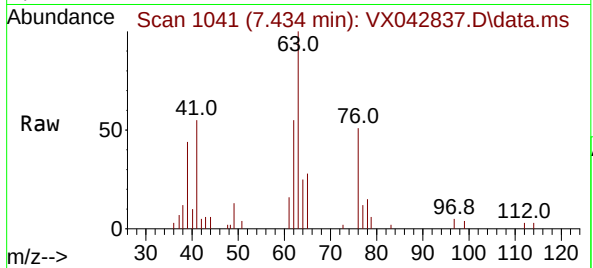
63 100

65 27.9 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#40

Dibromomethane

Concen: 5.504 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

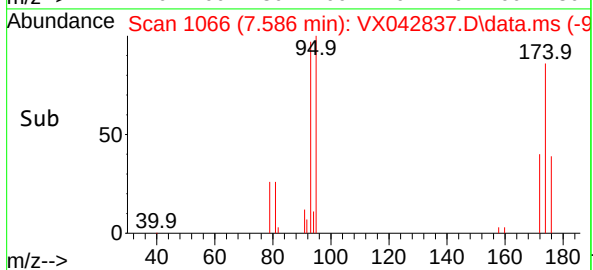
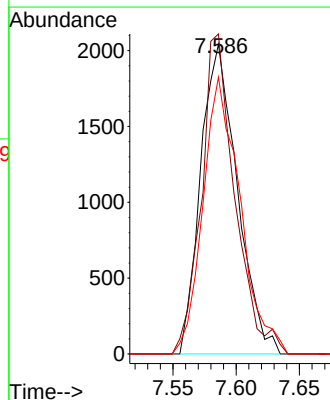
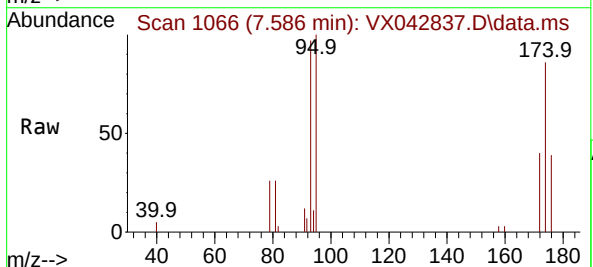
Tgt Ion: 93 Resp: 4109

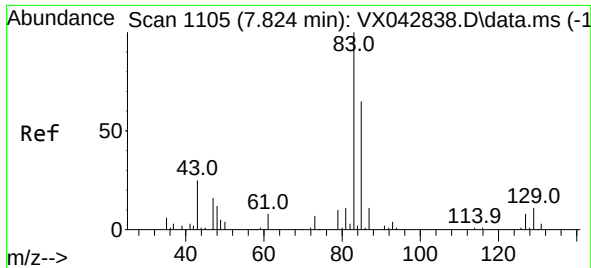
Ion Ratio Lower Upper

93 100

95 92.7 0.0 168.6

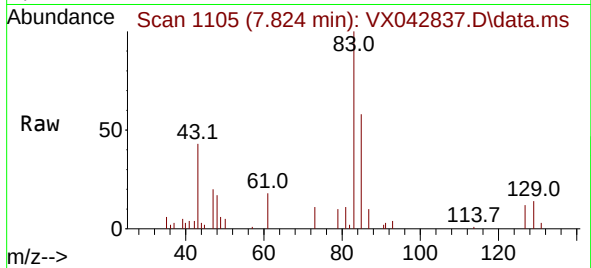
174 90.6 0.0 255.0





#41
Bromodichloromethane
Concen: 5.384 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

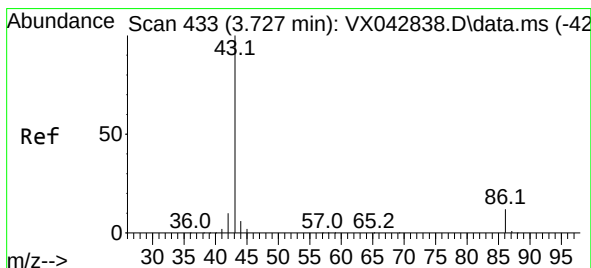
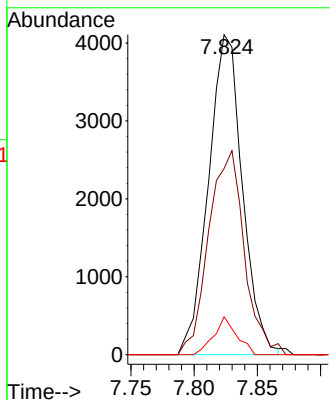
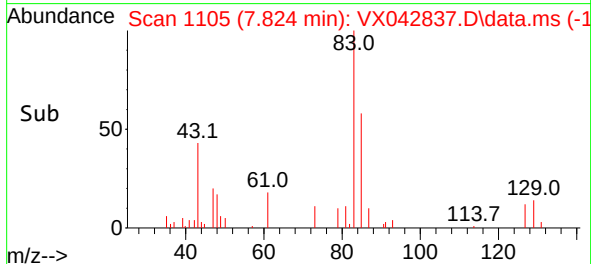
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 7669
Ion Ratio Lower Upper
83 100
85 58.2 51.1 76.7
127 11.8 8.1 12.1

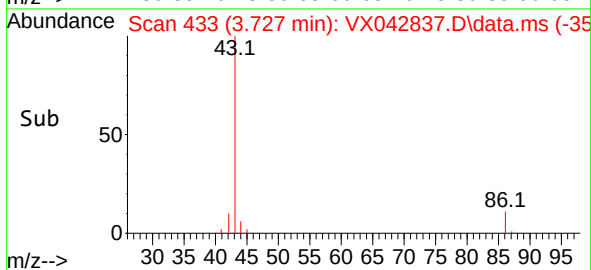
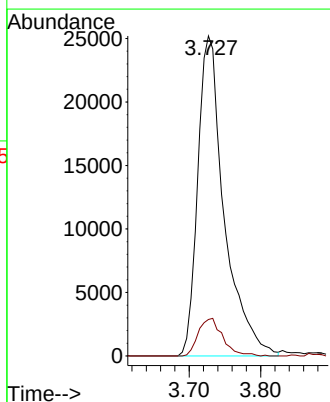
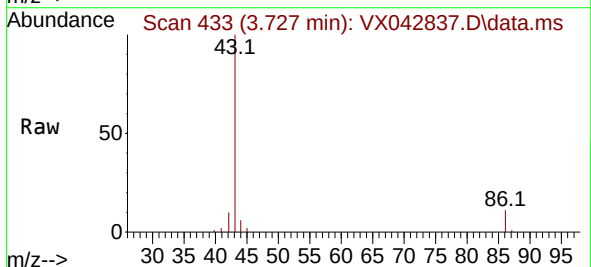
Manual Integrations
APPROVED

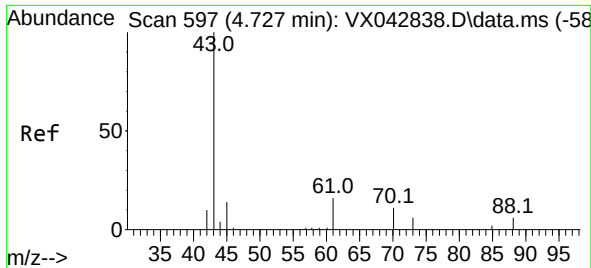
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#42
Vinyl Acetate
Concen: 24.437 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

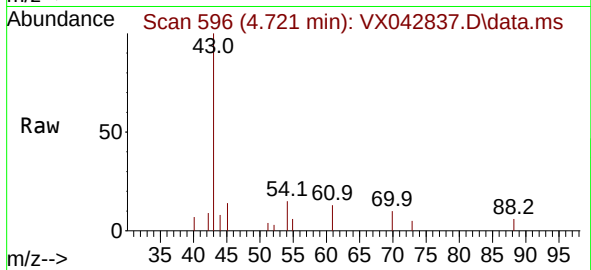
Tgt Ion: 43 Resp: 64874
Ion Ratio Lower Upper
43 100
86 10.6 8.5 12.7





#43
Ethyl Acetate
Concen: 5.382 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

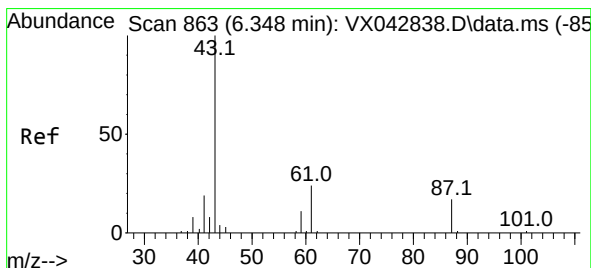
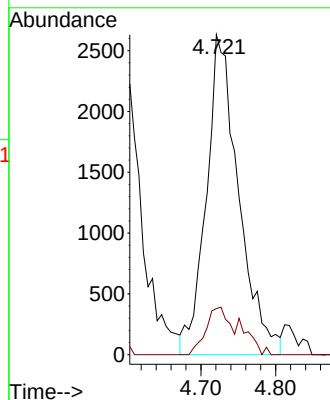
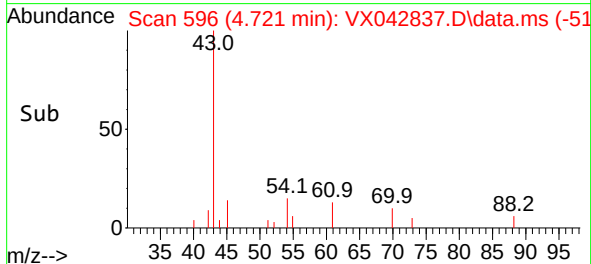
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 792
Ion Ratio Lower Upper
43 100
45 10.9 12.4 18.6

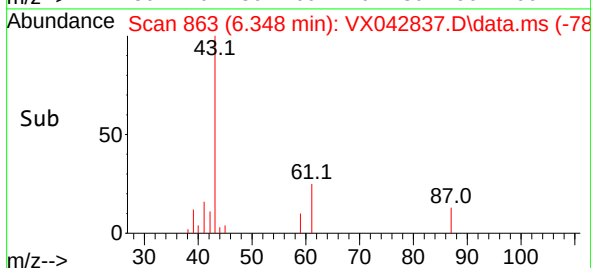
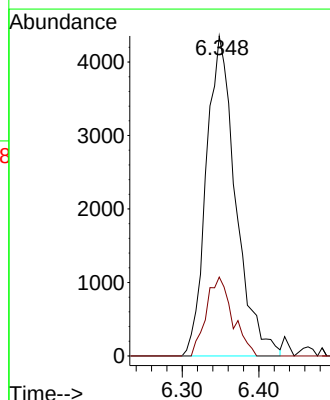
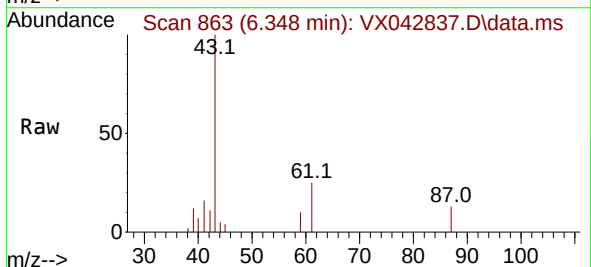
Manual Integrations
APPROVED

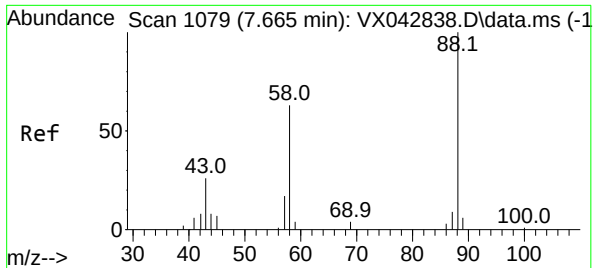
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#44
Isopropyl Acetate
Concen: 4.974 ug/l m
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

Tgt Ion: 43 Resp: 11602
Ion Ratio Lower Upper
43 100
61 22.1 17.4 26.0





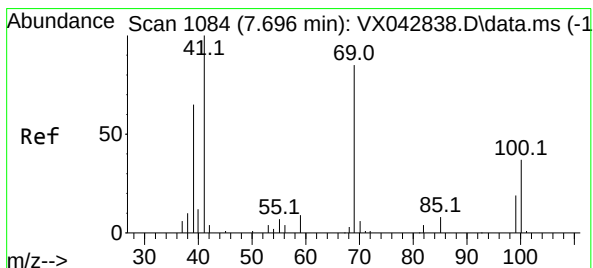
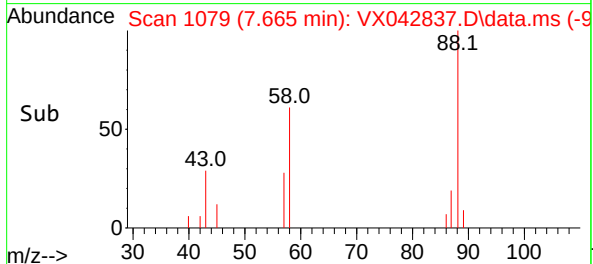
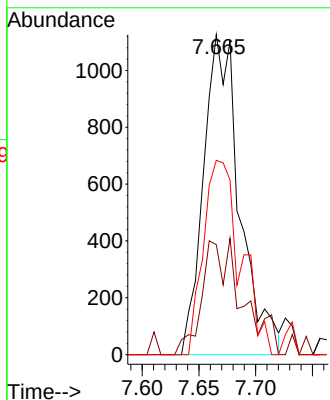
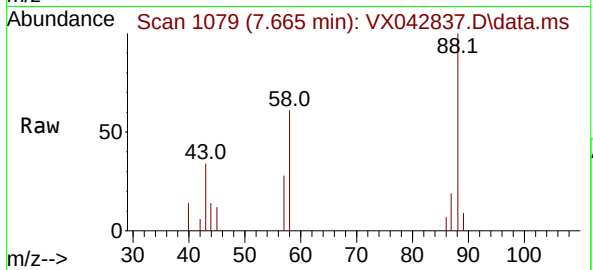
#45
1,4-Dioxane
Concen: 94.572 ug/l m
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 249
Ion Ratio Lower Upper
88 100
43 18.2 23.2 34.8
58 49.2 52.6 78.8

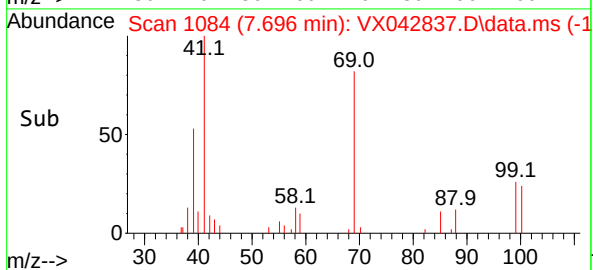
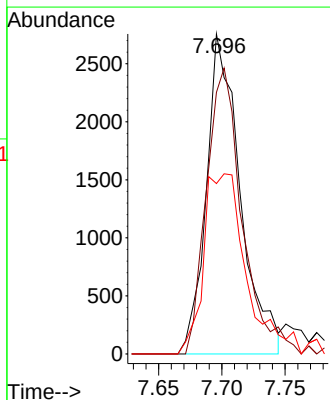
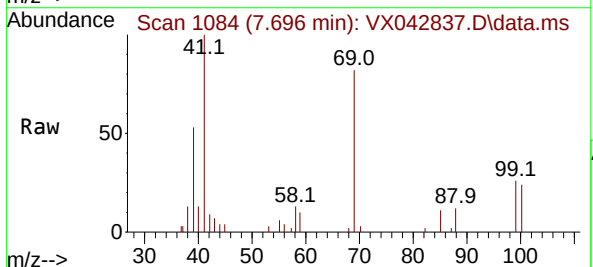
Manual Integrations
APPROVED

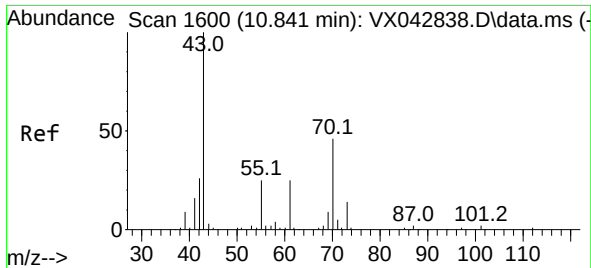
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#46
Methyl methacrylate
Concen: 4.530 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

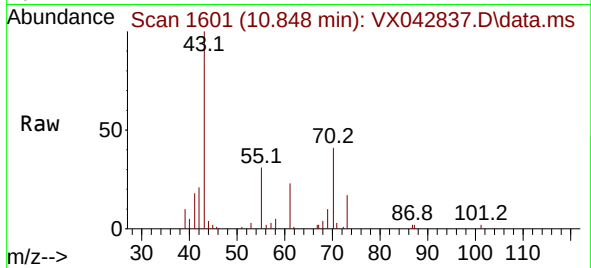
Tgt Ion: 41 Resp: 5139
Ion Ratio Lower Upper
41 100
69 81.8 44.4 133.1
39 53.2 25.5 76.5





#47
n-amy1 Acetate
Concen: 4.518 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

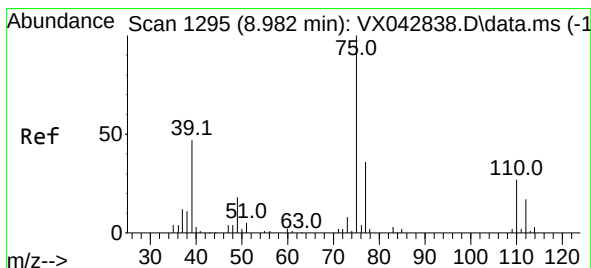
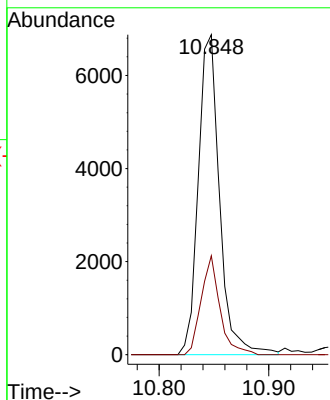
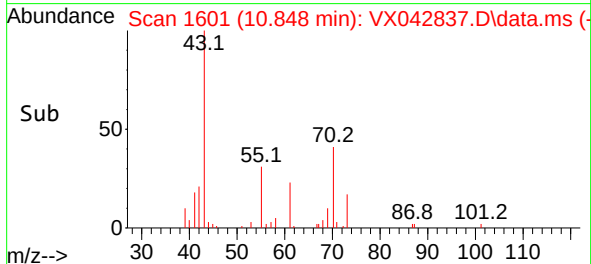
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 9278
Ion Ratio Lower Upper
43 100
55 27.2 21.0 31.4

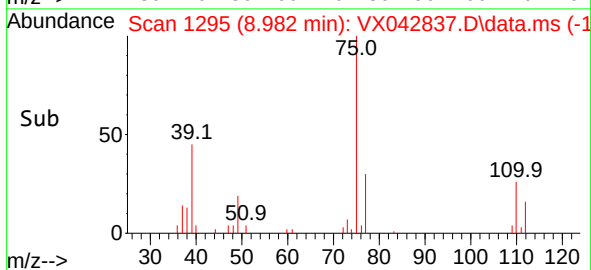
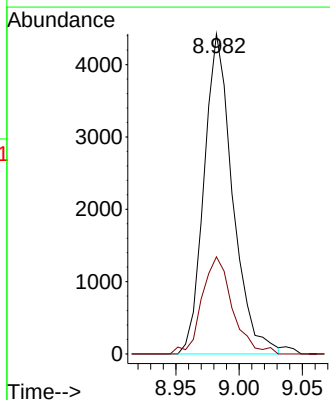
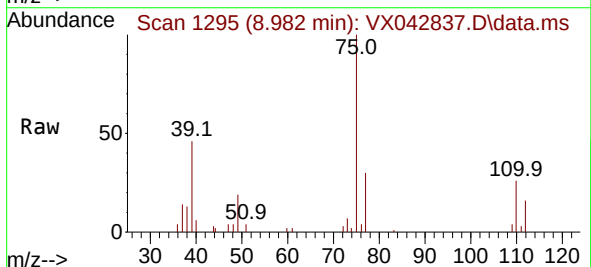
Manual Integrations
APPROVED

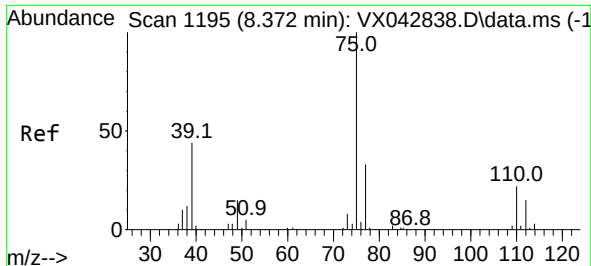
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#48
t-1,3-Dichloropropene
Concen: 4.970 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

Tgt Ion: 75 Resp: 6964
Ion Ratio Lower Upper
75 100
77 30.3 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 5.048 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

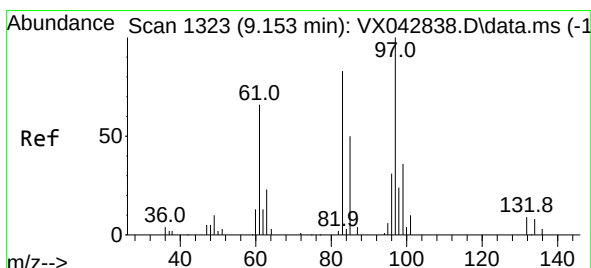
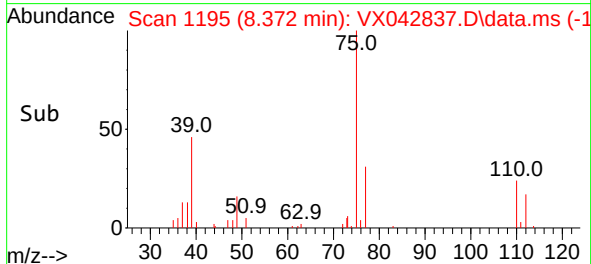
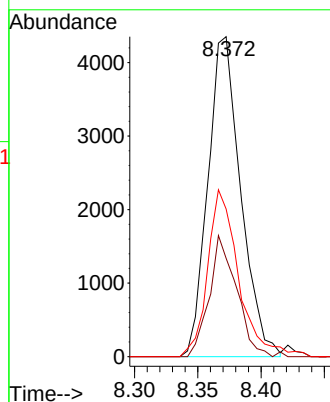
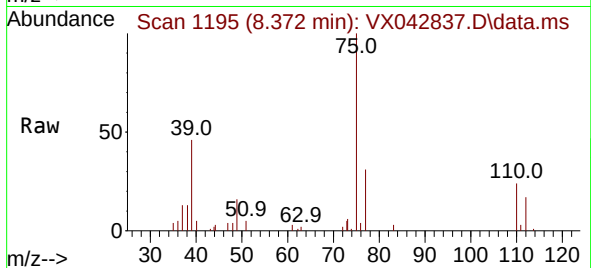
Tgt Ion: 75 Resp: 7854

Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.8	38.8
39	46.2	34.8	52.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#50

1,1,2-Trichloroethane

Concen: 4.868 ug/l

RT: 9.153 min Scan# 1323

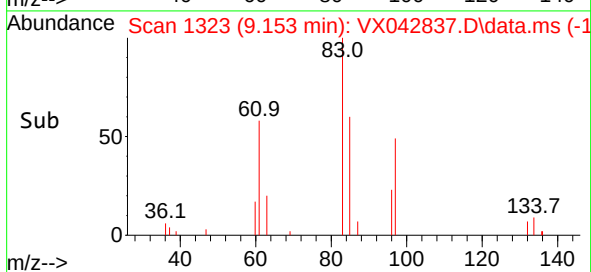
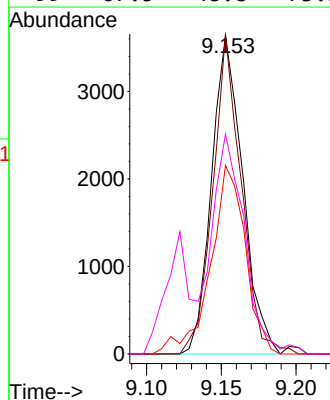
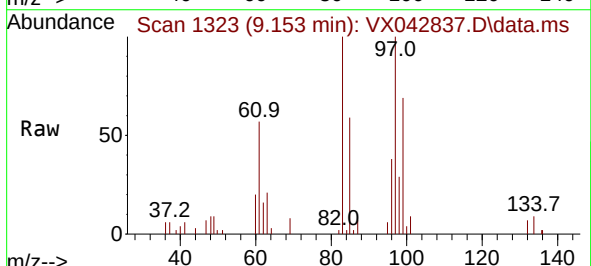
Delta R.T. 0.000 min

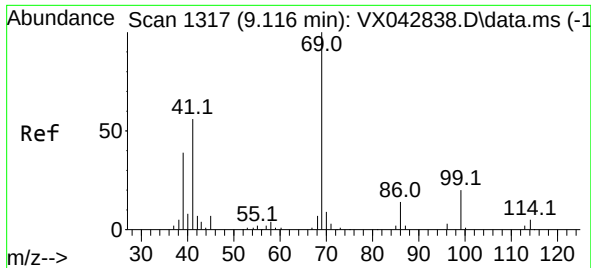
Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

Tgt Ion: 97 Resp: 5263

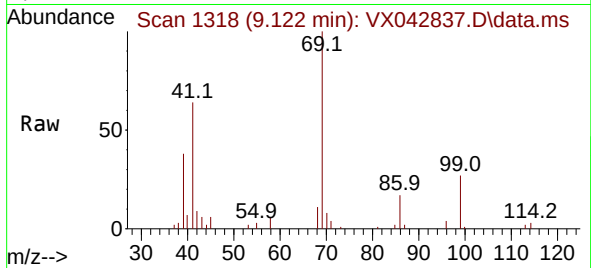
Ion	Ratio	Lower	Upper
97	100		
83	100.4	65.9	98.9#
85	59.2	42.9	64.3
99	67.5	48.8	73.2





#51
Ethyl methacrylate
Concen: 4.688 ug/l
RT: 9.122 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

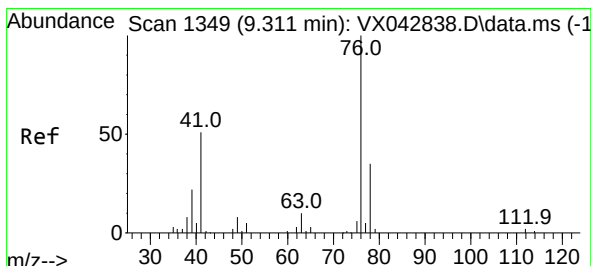
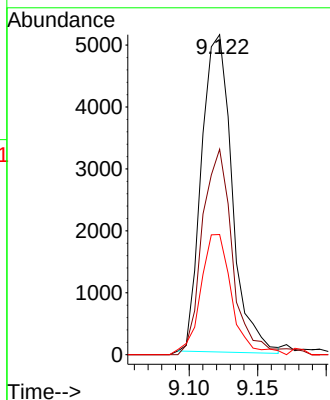
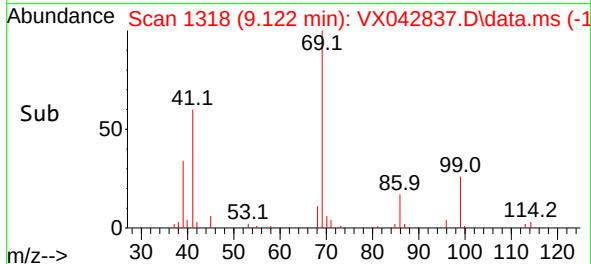
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 69 Resp: 7960
Ion Ratio Lower Upper
69 100
41 65.0 31.6 94.7
39 36.8 15.3 45.8

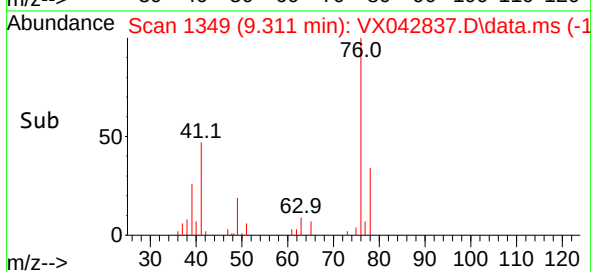
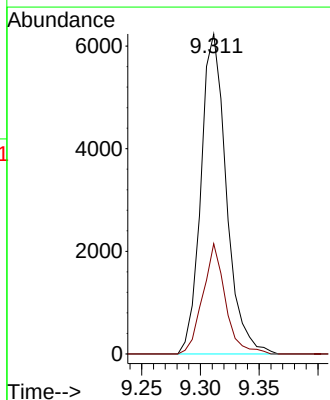
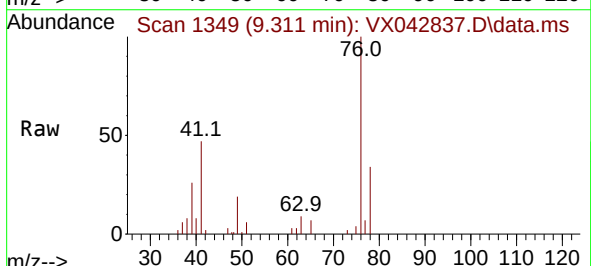
Manual Integrations
APPROVED

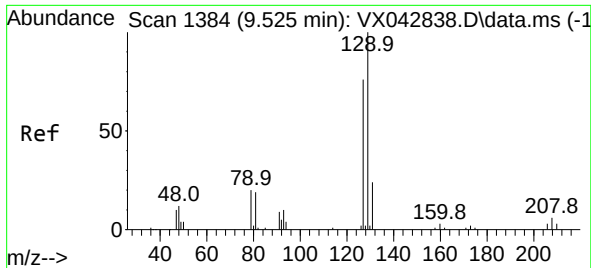
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#52
1,3-Dichloropropane
Concen: 5.348 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

Tgt Ion: 76 Resp: 9403
Ion Ratio Lower Upper
76 100
78 30.6 0.0 66.0





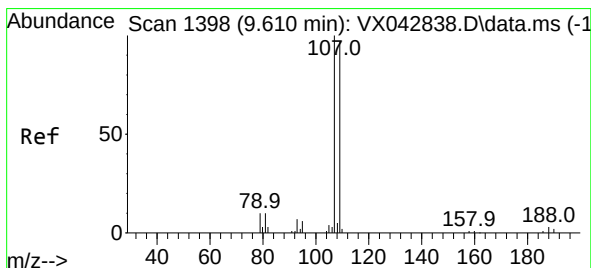
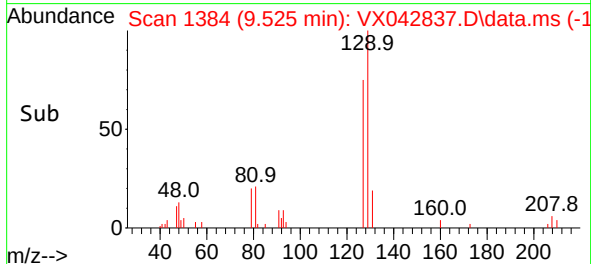
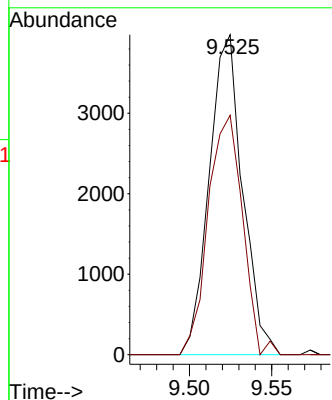
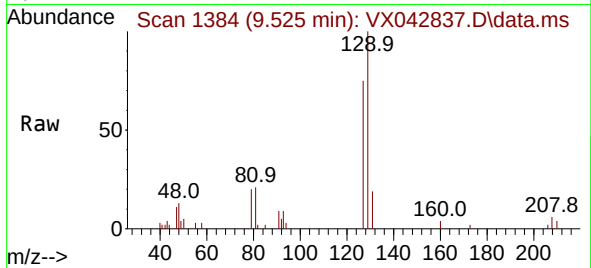
#53
Dibromochloromethane
Concen: 4.739 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:129 Resp: 5620
Ion Ratio Lower Upper
129 100
127 75.7 38.8 116.4

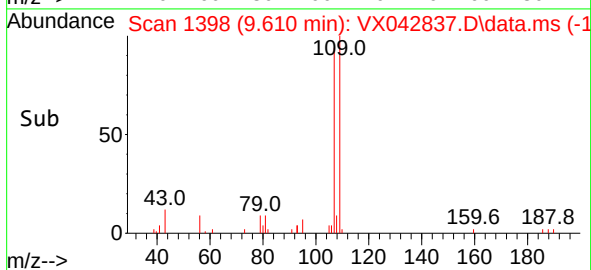
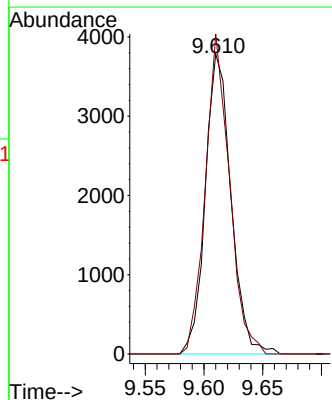
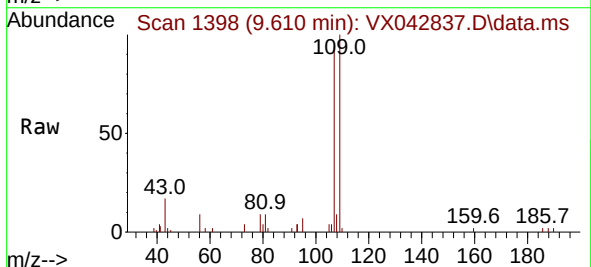
Manual Integrations
APPROVED

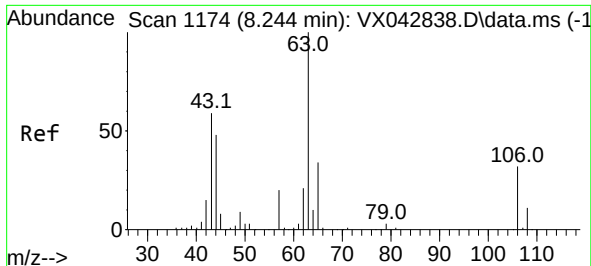
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#54
1,2-Dibromoethane
Concen: 5.114 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

Tgt Ion:107 Resp: 5749
Ion Ratio Lower Upper
107 100
109 100.5 75.7 113.5





#55

2-Chloroethyl vinyl ether

Concen: 21.635 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

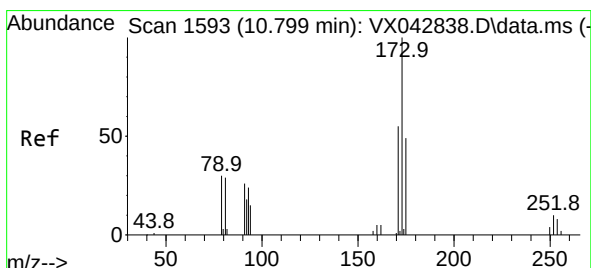
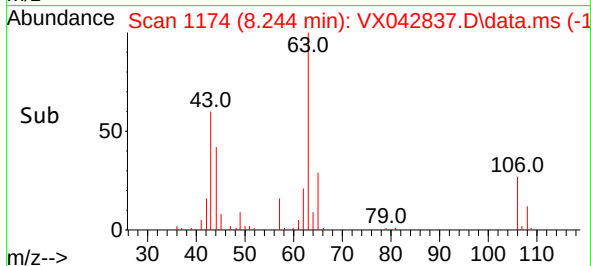
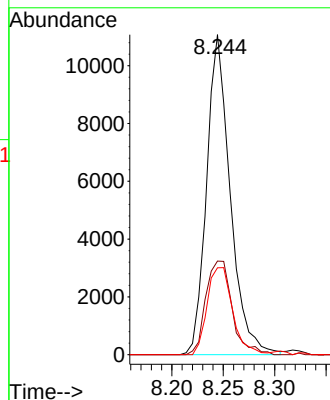
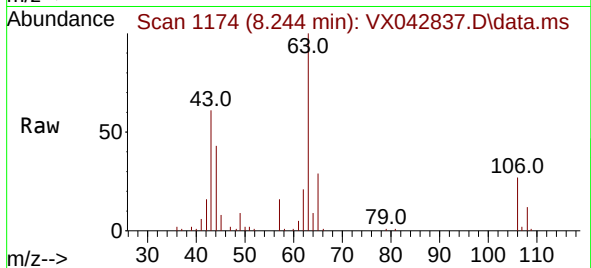
VSTDICC005

Tgt Ion: 63	Resp: 1770
Ion Ratio	Lower Upper
63	100
65	32.6 25.7 38.5
106	29.3 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#56

Bromoform

Concen: 3.866 ug/l

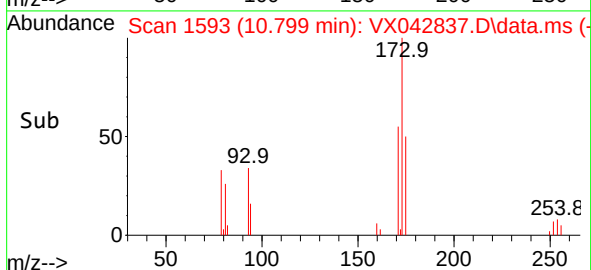
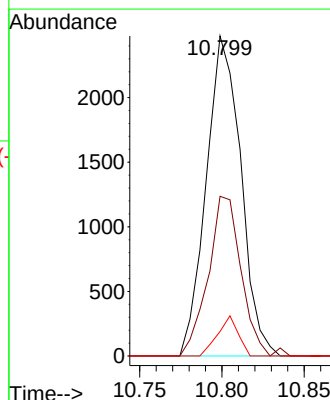
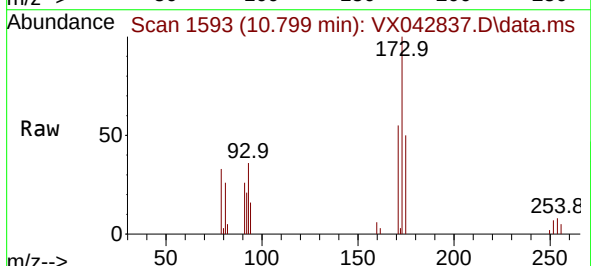
RT: 10.799 min Scan# 1593

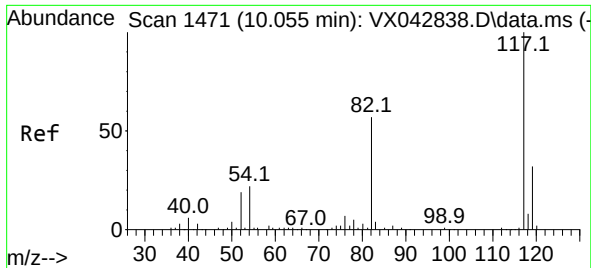
Delta R.T. 0.000 min

Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

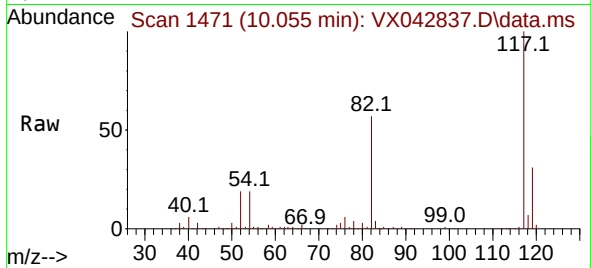
Tgt Ion:173	Resp: 3624
Ion Ratio	Lower Upper
173	100
175	47.2 39.3 58.9
254	7.4 9.6 14.4#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

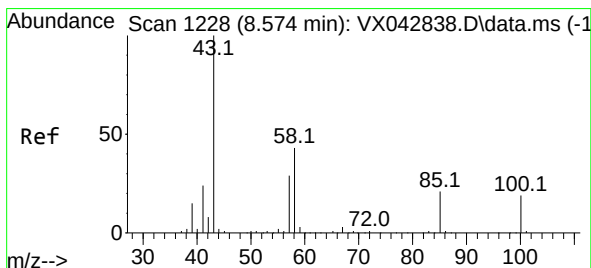
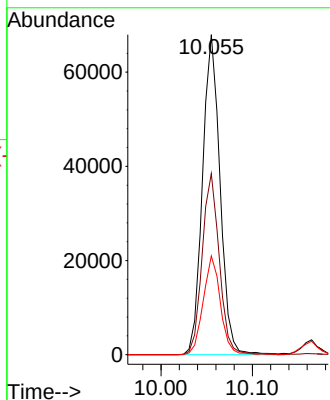
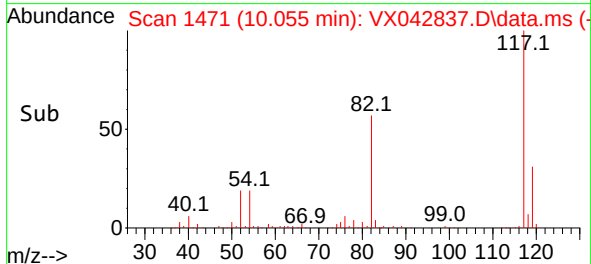
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



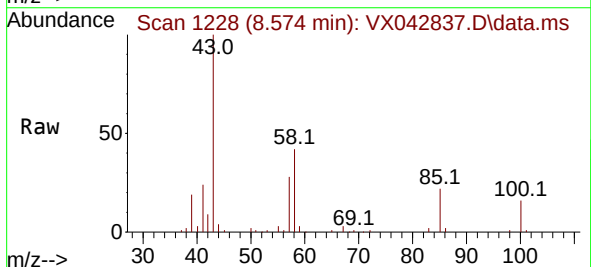
Tgt Ion: 117 Resp: 9044
Ion Ratio Lower Upper
117 100
82 55.1 41.1 61.7
119 30.2 26.1 39.1

Manual Integrations
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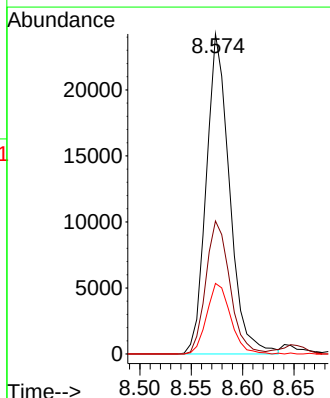
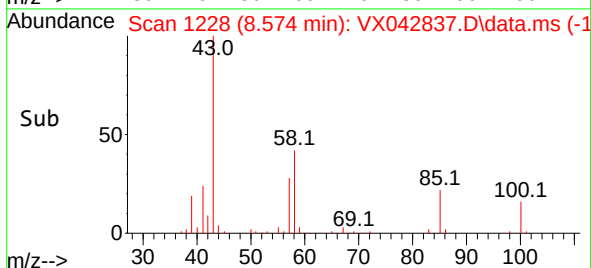
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024

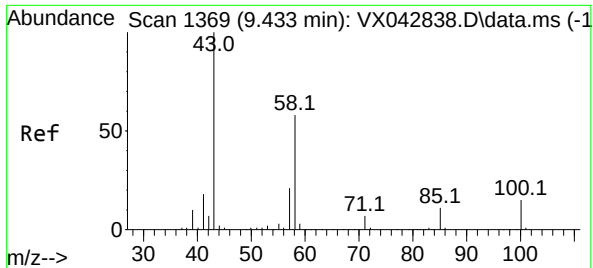


#58
4-Methyl-2-Pentanone
Concen: 23.514 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52



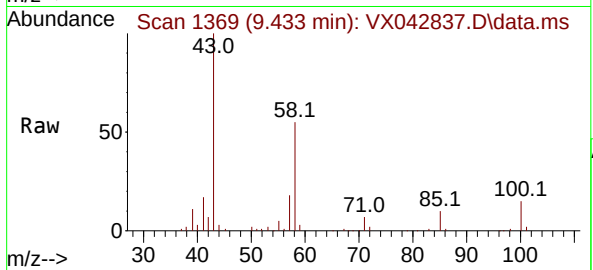
Tgt Ion: 43 Resp: 38174
Ion Ratio Lower Upper
43 100
58 42.8 33.2 49.8
85 22.5 15.5 23.3





#59
2-Hexanone
Concen: 25.313 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

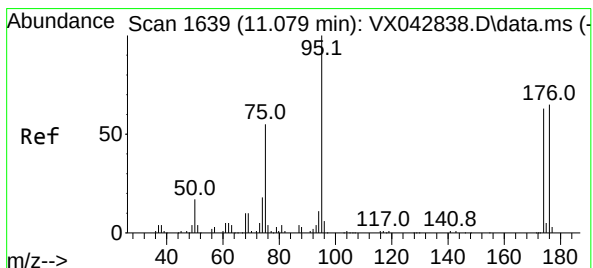
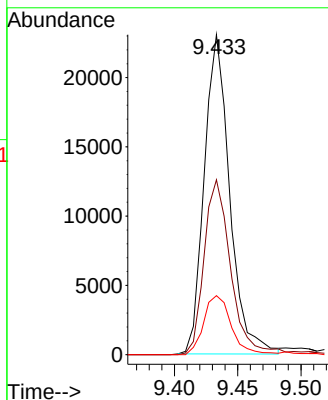
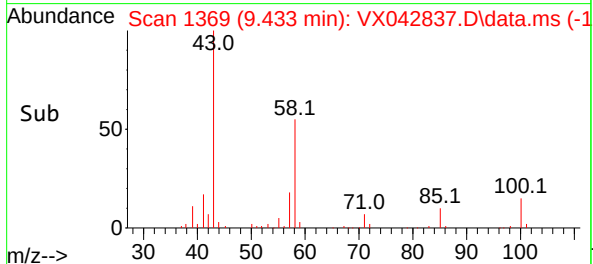
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 3226
Ion Ratio Lower Upper
43 100
58 56.4 46.0 69.0
57 20.0 15.8 23.6

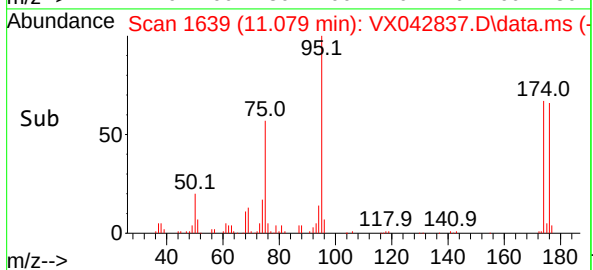
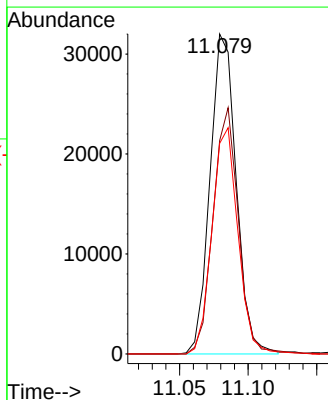
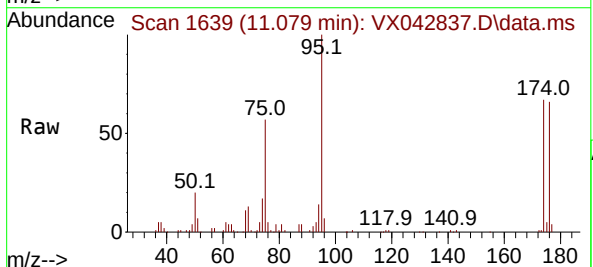
Manual Integrations
APPROVED

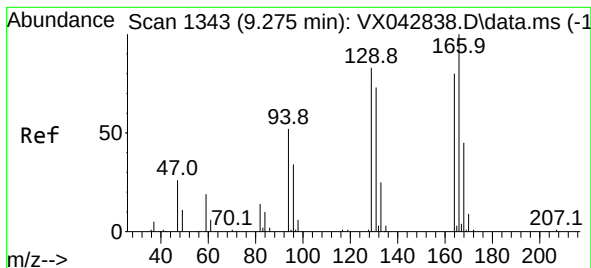
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#60
4-Bromofluorobenzene
Concen: 29.543 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

Tgt Ion: 95 Resp: 42469
Ion Ratio Lower Upper
95 100
174 74.6 78.9 118.3#
176 70.4 77.1 115.7#





#61

Tetrachloroethene

Concen: 4.665 ug/l

RT: 9.275 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042837.D

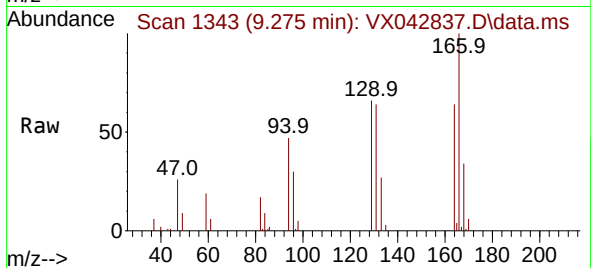
Acq: 02 Aug 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



Tgt Ion:164 Resp: 5089

Ion Ratio Lower Upper

164 100

166 155.2 105.0 157.6

129 102.9 67.1 100.7

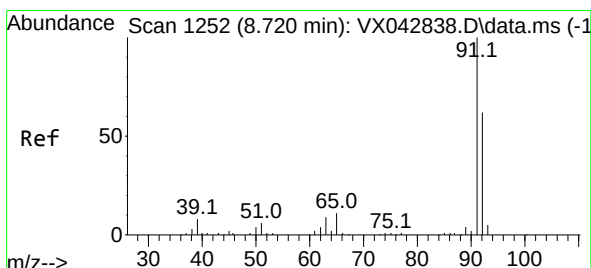
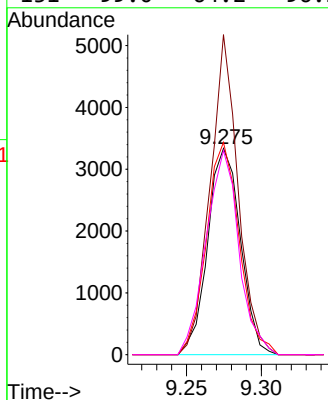
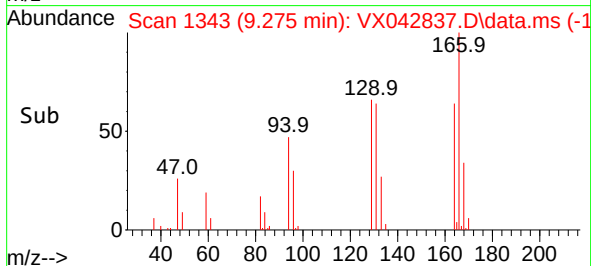
131 99.0 64.2 96.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2024

Supervised By :Semsettin Yesilyurt 08/05/2024



#62

Toluene

Concen: 5.407 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX042837.D

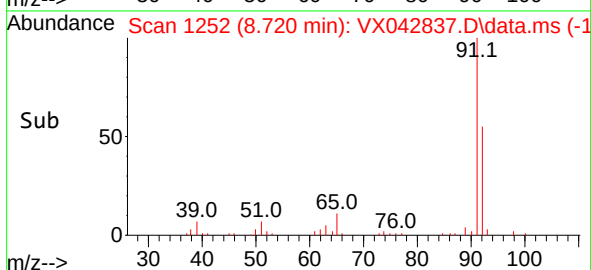
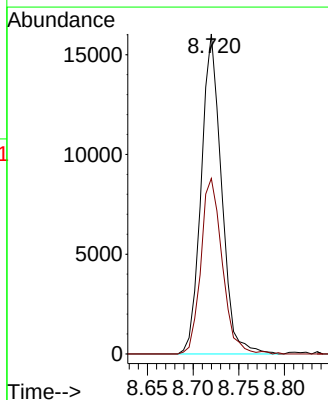
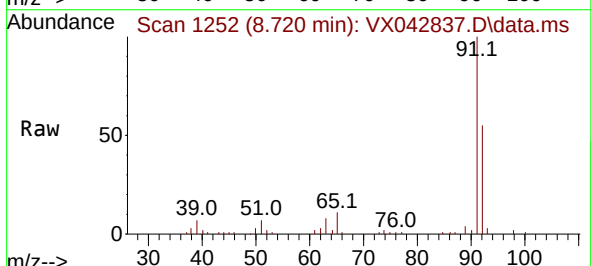
Acq: 02 Aug 2024 12:52

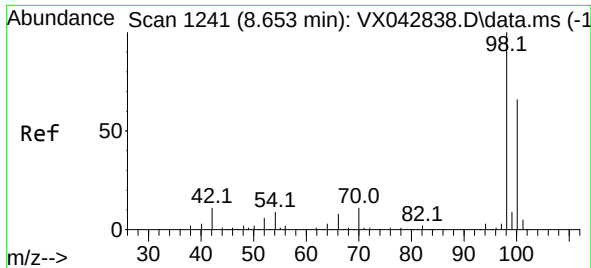
Tgt Ion: 91 Resp: 24783

Ion Ratio Lower Upper

91 100

92 57.2 47.4 71.2





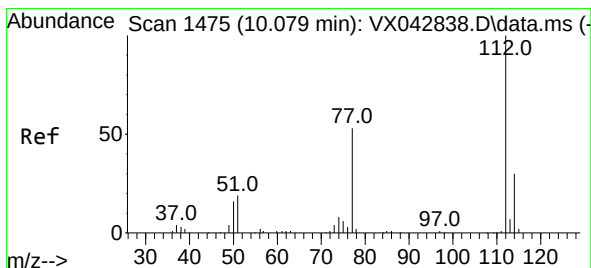
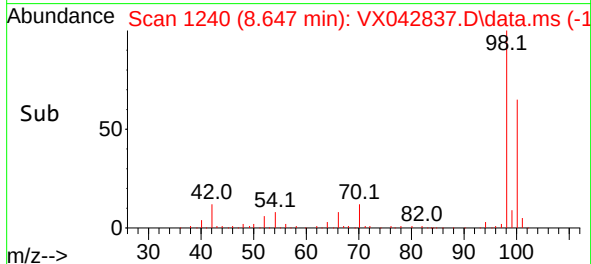
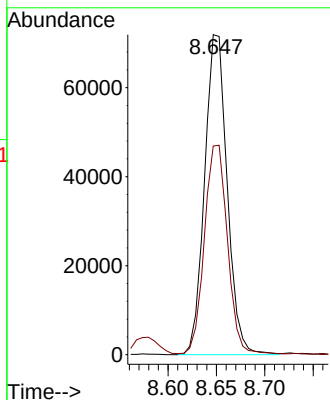
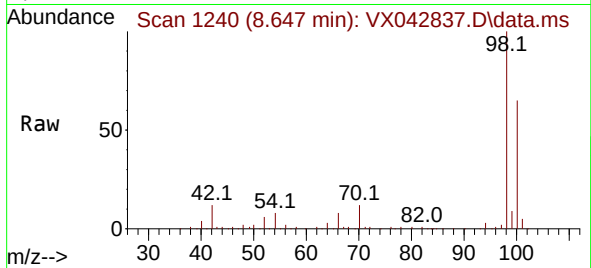
#63
Toluene-d8
Concen: 29.606 ug/l
RT: 8.647 min Scan# 11714
Delta R.T. -0.006 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 98 Resp: 11714
Ion Ratio Lower Upper
98 100
100 67.2 52.7 79.1

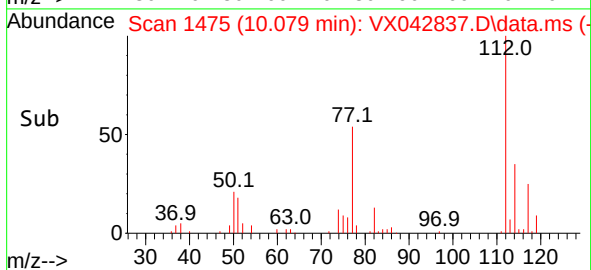
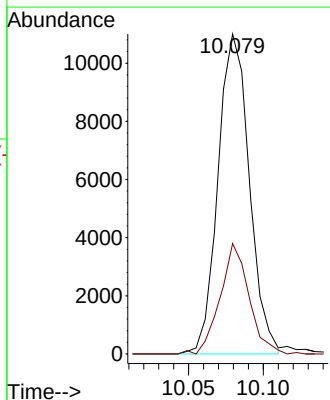
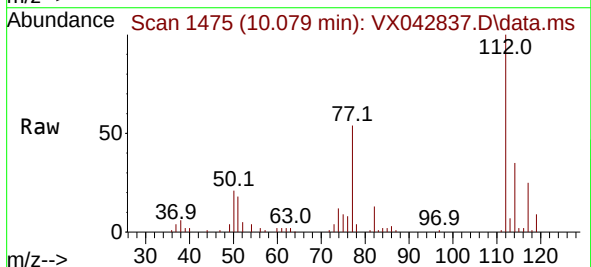
Manual Integrations
APPROVED

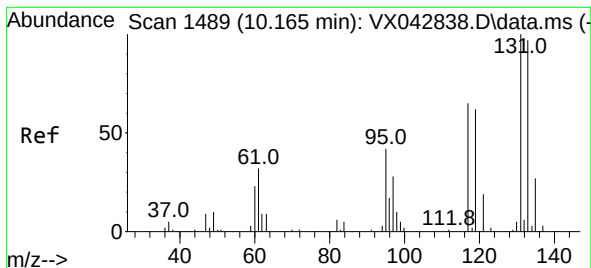
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#64
Chlorobenzene
Concen: 5.150 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

Tgt Ion:112 Resp: 16010
Ion Ratio Lower Upper
112 100
114 34.5 26.2 39.4





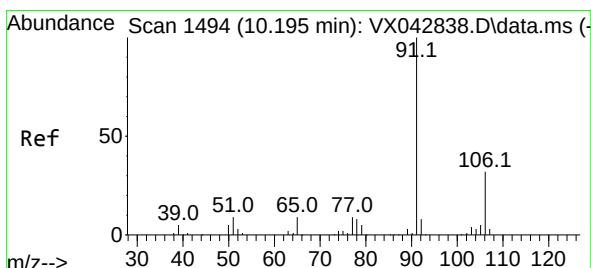
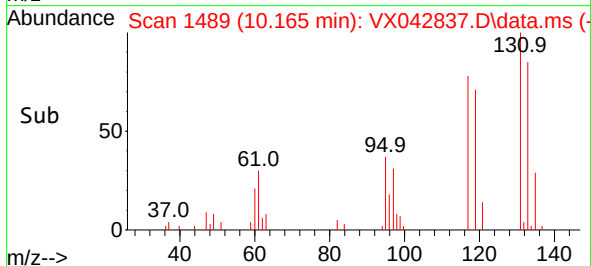
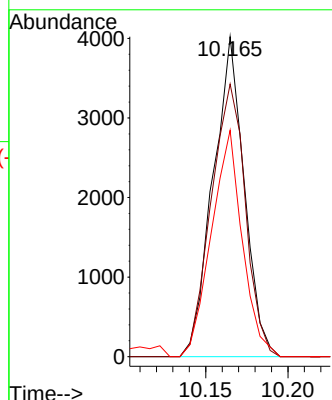
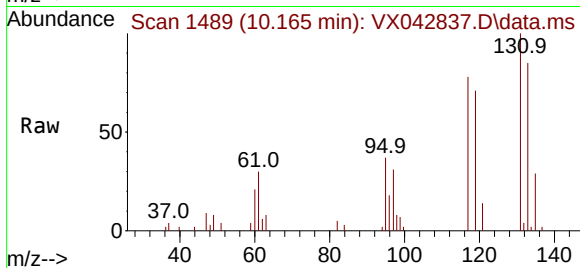
#65
1,1,1,2-Tetrachloroethane
Concen: 4.757 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:131 Resp: 5308
Ion Ratio Lower Upper
131 100
133 93.3 0.0 194.8
119 70.1 0.0 127.6

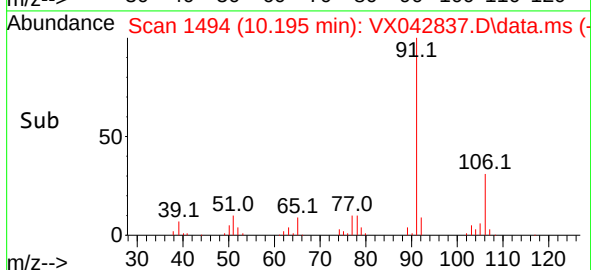
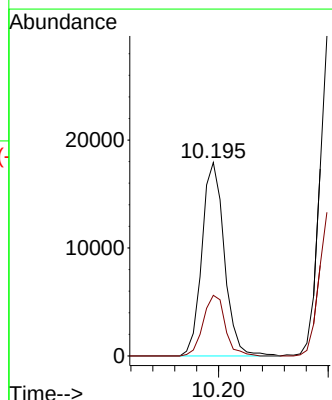
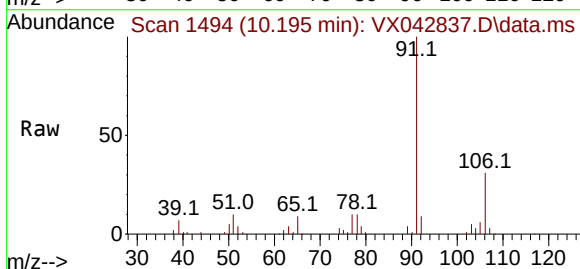
Manual Integrations
APPROVED

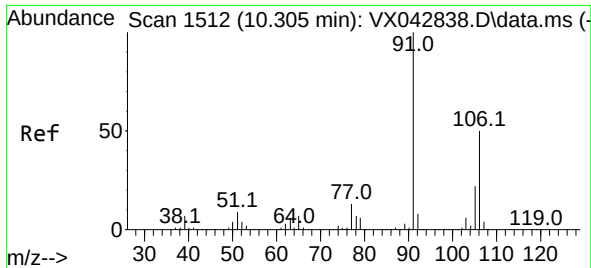
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#66
Ethyl Benzene
Concen: 5.041 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

Tgt Ion: 91 Resp: 25453
Ion Ratio Lower Upper
91 100
106 31.4 26.4 39.6





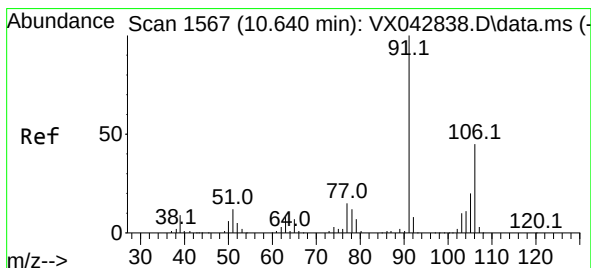
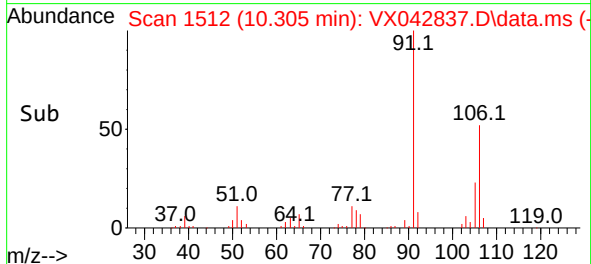
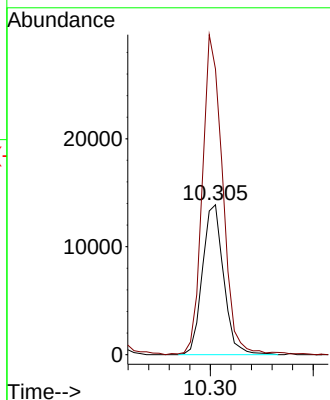
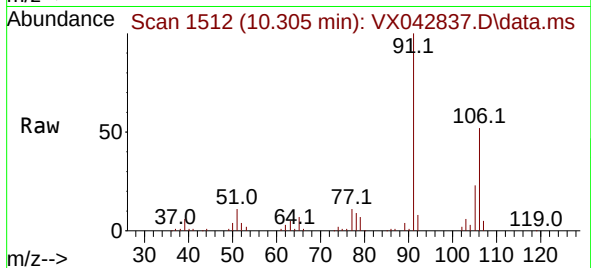
#67
m/p-Xylenes
Concen: 9.901 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 19938
Ion Ratio Lower Upper
106 100
91 203.2 157.0 235.6

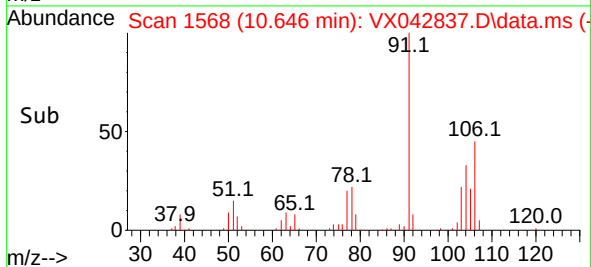
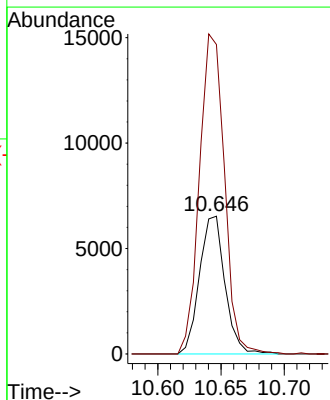
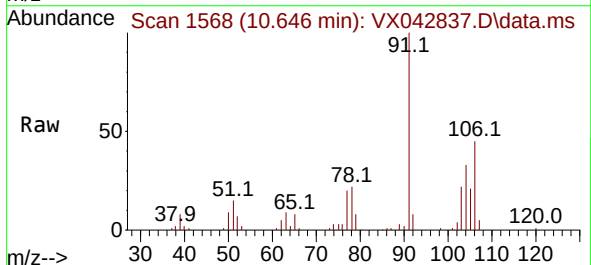
Manual Integrations
APPROVED

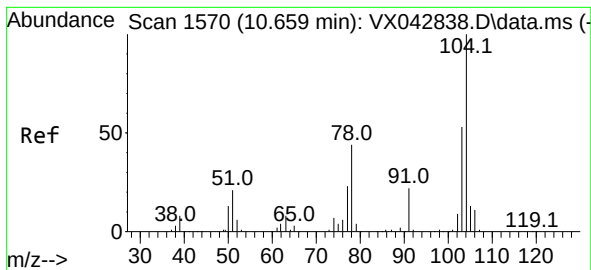
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#68
o-Xylene
Concen: 4.576 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

Tgt Ion:106 Resp: 9180
Ion Ratio Lower Upper
106 100
91 227.7 103.2 309.6





#69

Styrene

Concen: 4.489 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

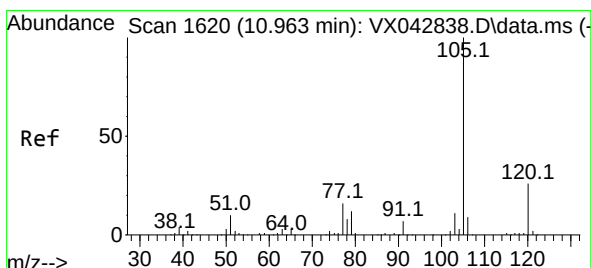
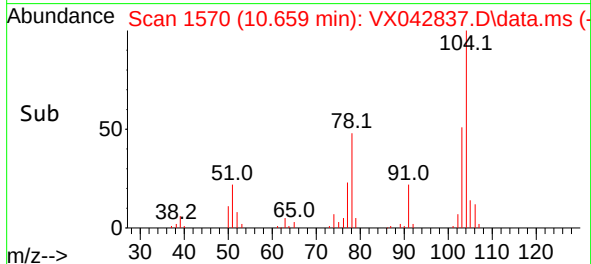
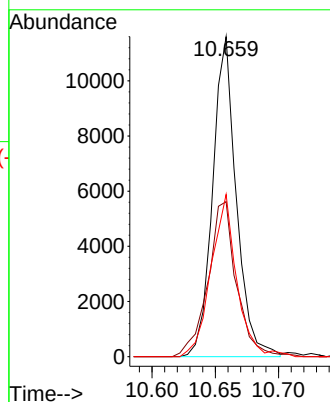
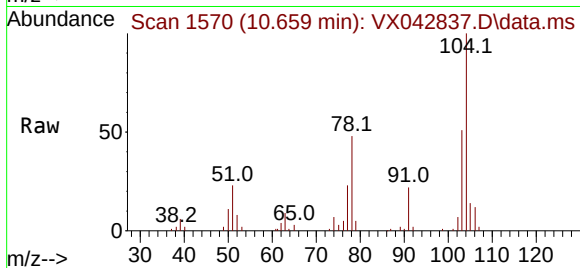
VSTDICC005

Tgt Ion:104	Resp:	1508
Ion Ratio	Lower	Upper
104	100	
78	58.5	36.5 54.7
103	54.0	43.4 65.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#70

Isopropylbenzene

Concen: 4.919 ug/l

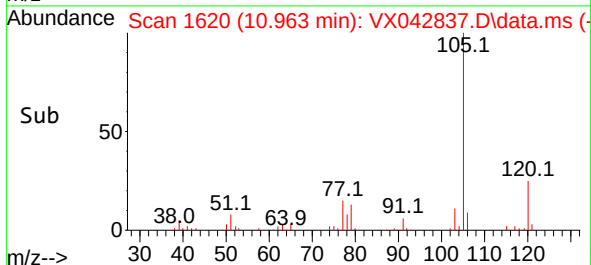
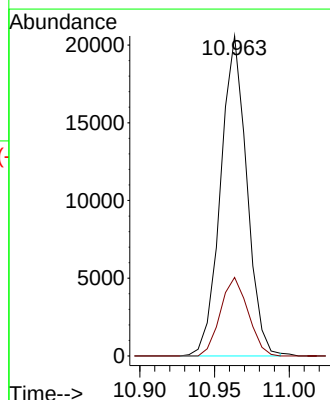
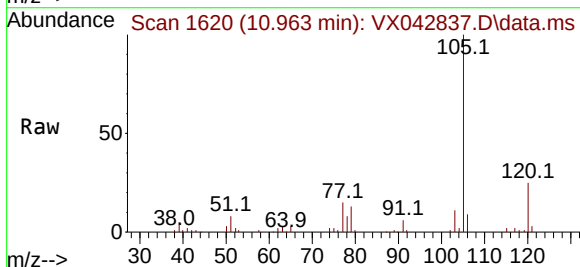
RT: 10.963 min Scan# 1620

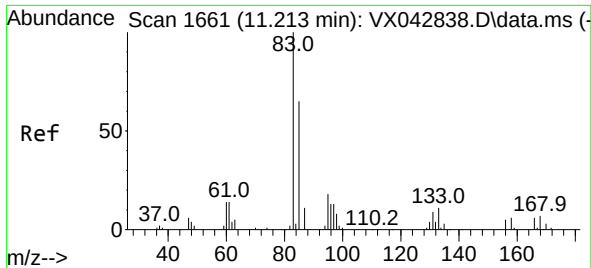
Delta R.T. 0.000 min

Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

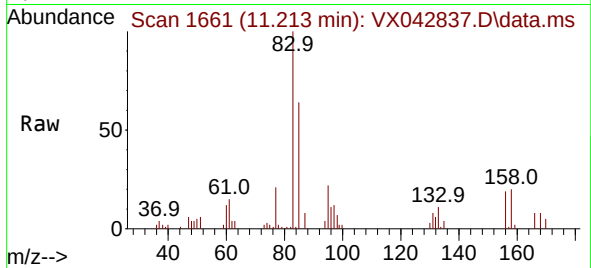
Tgt Ion:105	Resp:	25077
Ion Ratio	Lower	Upper
105	100	
120	25.8	19.2 35.6





#71
1,1,2,2-Tetrachloroethane
Concen: 5.249 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

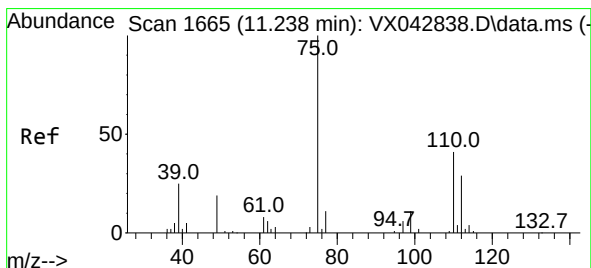
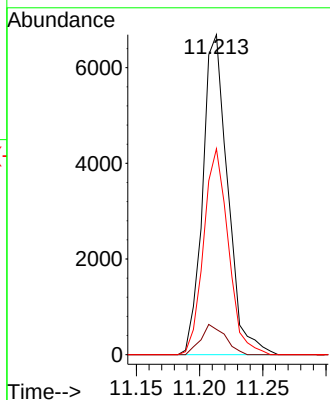
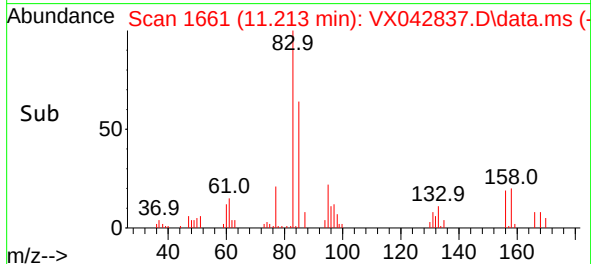
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



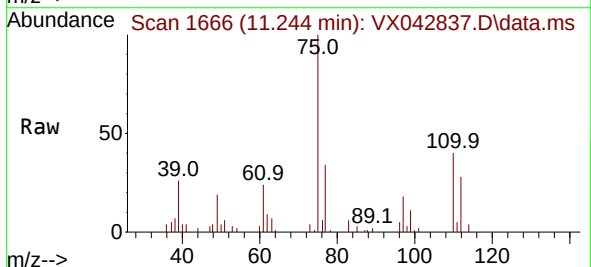
Tgt Ion: 83 Resp: 923
Ion Ratio Lower Upper
83 100
131 9.2 5.5 16.7
85 63.5 32.6 97.7

Manual Integrations
APPROVED

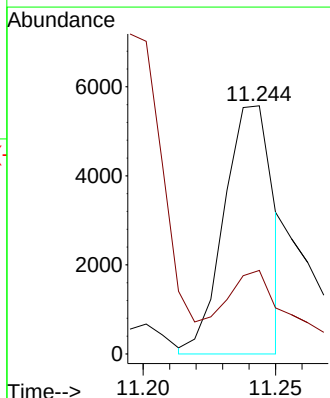
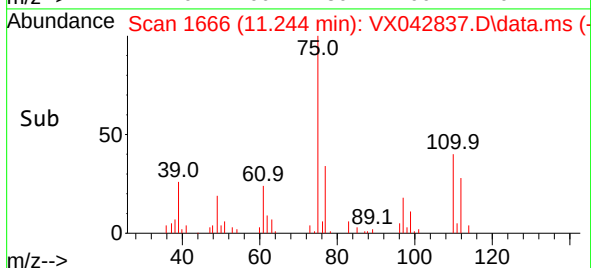
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024

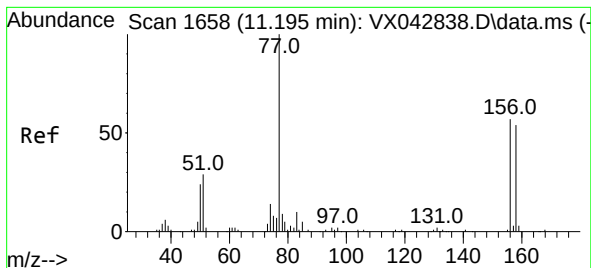


#72
1,2,3-Trichloropropane
Concen: 5.097 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52



Tgt Ion: 75 Resp: 7145
Ion Ratio Lower Upper
75 100
77 46.6 0.0 79.6





#73

Bromobenzene

Concen: 4.476 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

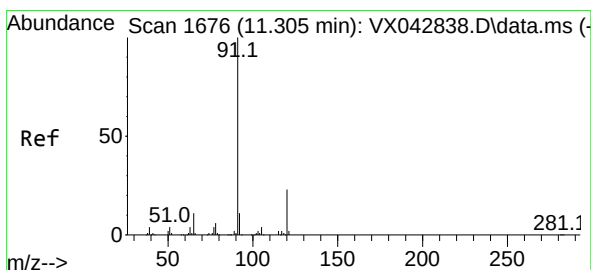
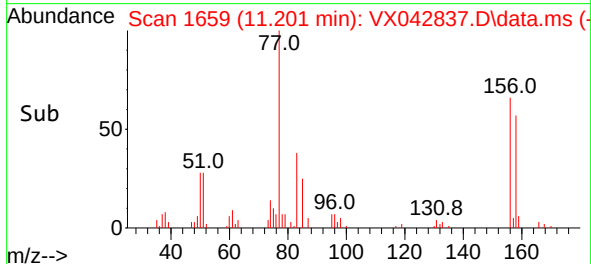
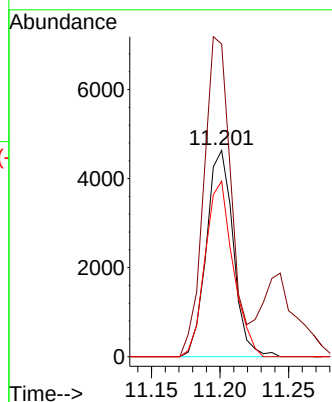
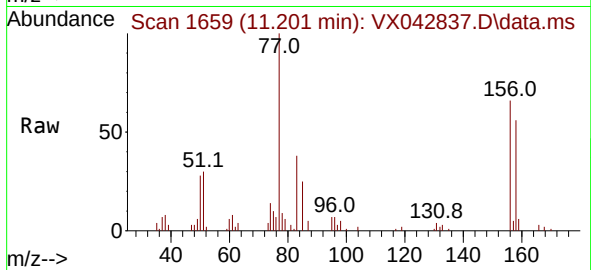
VSTDIC005

Tgt Ion:	156	Resp:	6304
Ion Ratio	Lower	Upper	
156	100		
77	156.2	0.0	266.2
158	88.7	0.0	195.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#74

n-propylbenzene

Concen: 5.139 ug/l

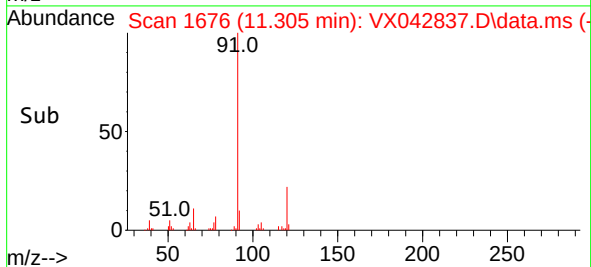
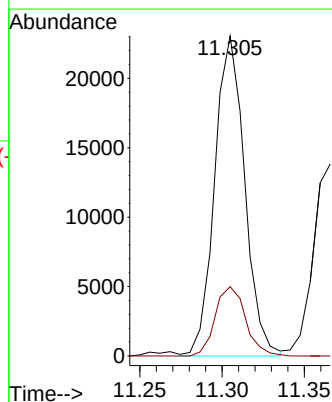
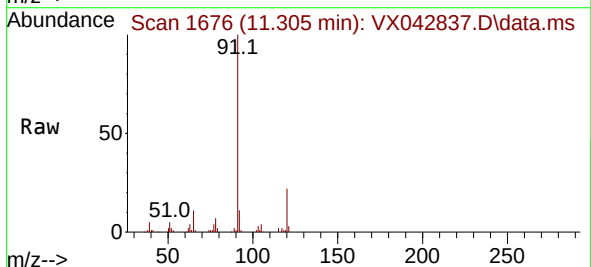
RT: 11.305 min Scan# 1676

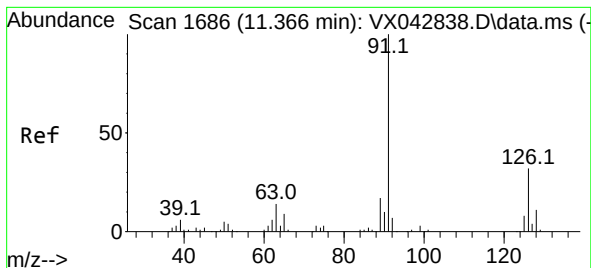
Delta R.T. 0.000 min

Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

Tgt Ion:	91	Resp:	29234
Ion Ratio	Lower	Upper	
91	100		
120	21.9	0.0	49.6





#75

2-Chlorotoluene

Concen: 5.046 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 91 Resp: 1806

Ion Ratio Lower Upper

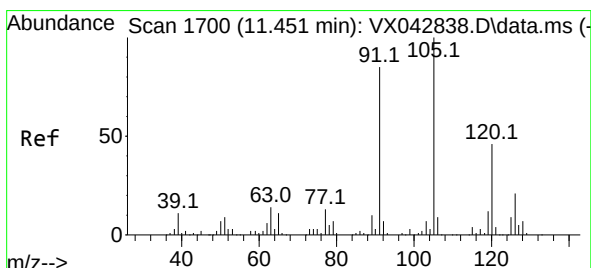
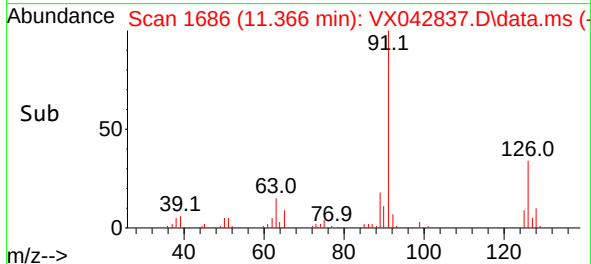
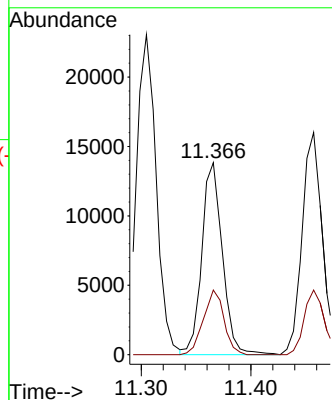
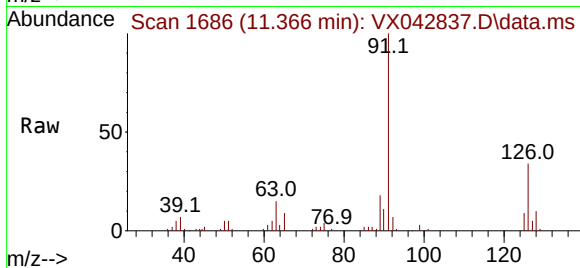
91 100

126 33.7 0.0 72.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#76

1,3,5-Trimethylbenzene

Concen: 4.942 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX042837.D

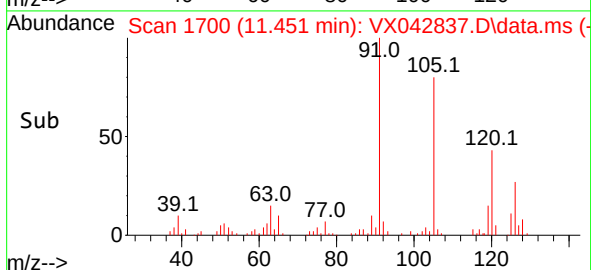
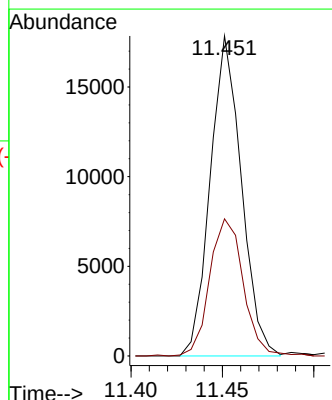
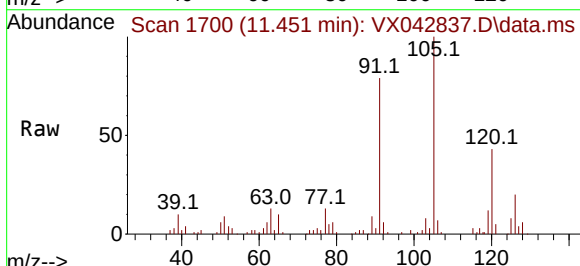
Acq: 02 Aug 2024 12:52

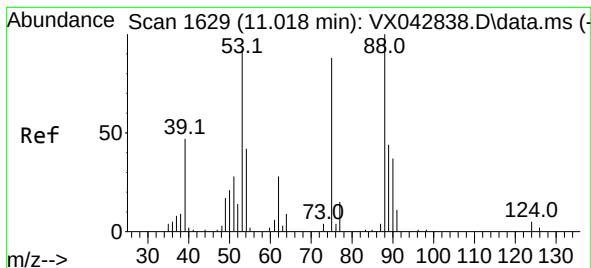
Tgt Ion:105 Resp: 21140

Ion Ratio Lower Upper

105 100

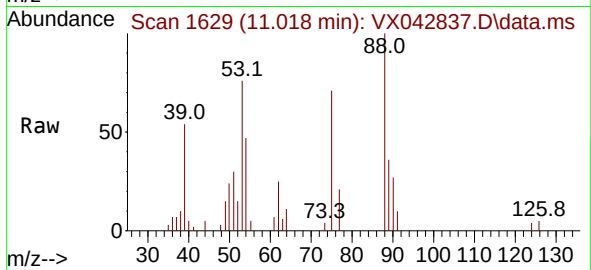
120 46.3 0.0 103.0





#77
t-1,4-Dichloro-2-butene
Concen: 4.048 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

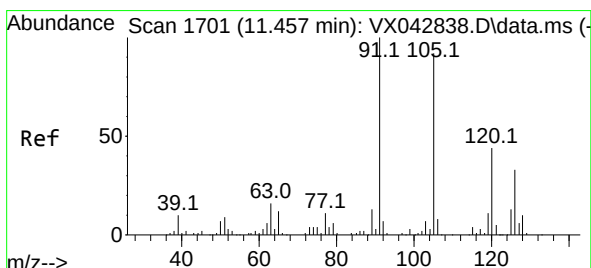
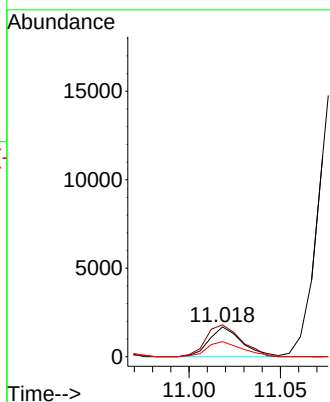
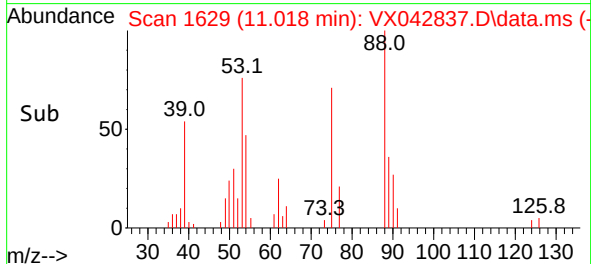
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 210
Ion Ratio Lower Upper
75 100
53 106.8 53.4 160.2
89 50.5 22.5 67.5

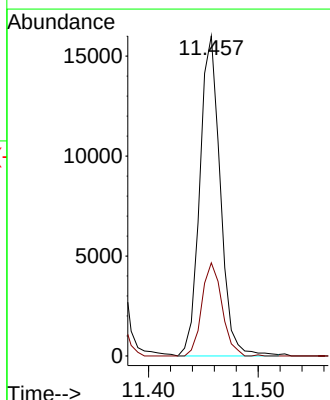
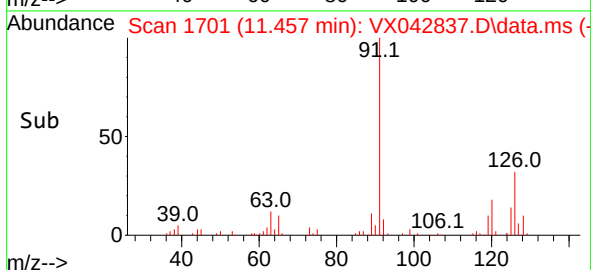
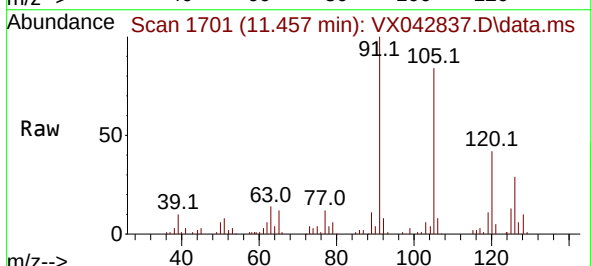
Manual Integrations
APPROVED

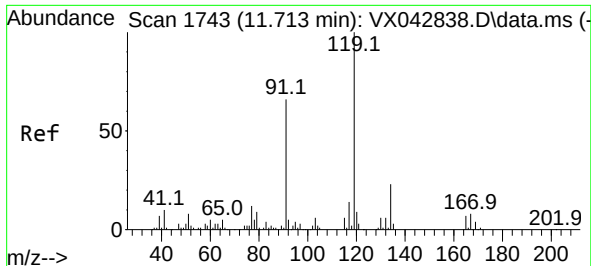
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#78
4-Chlorotoluene
Concen: 5.207 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

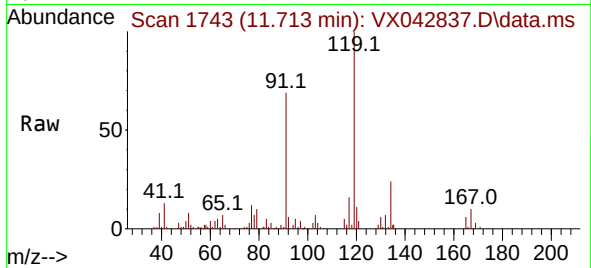
Tgt Ion: 91 Resp: 20801
Ion Ratio Lower Upper
91 100
126 28.5 0.0 64.8





#79
tert-butylbenzene
Concen: 4.546 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

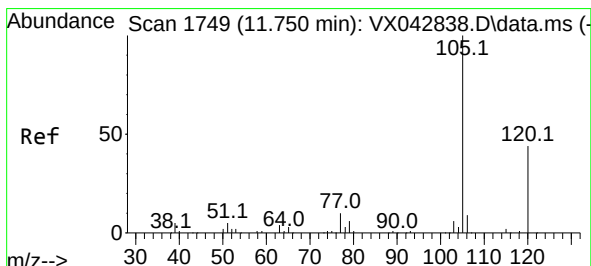
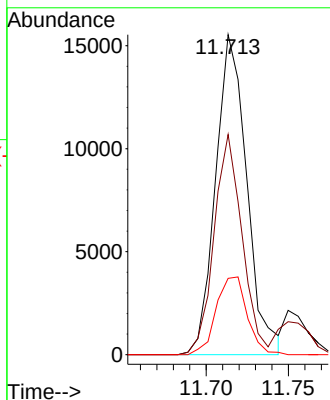
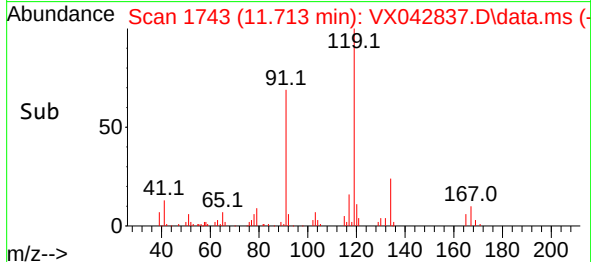
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



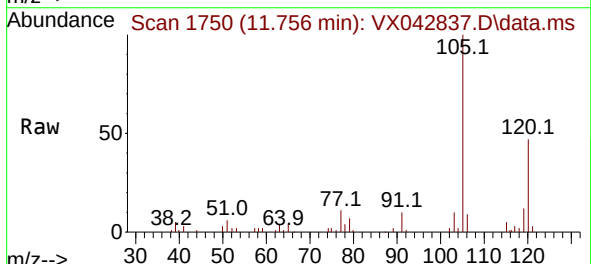
Tgt Ion:119 Resp: 20514
Ion Ratio Lower Upper
119 100
91 61.8 0.0 106.0
134 24.3 0.0 49.4

Manual Integrations
APPROVED

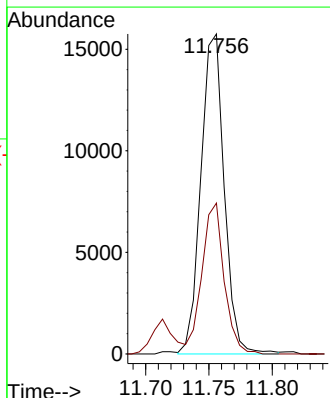
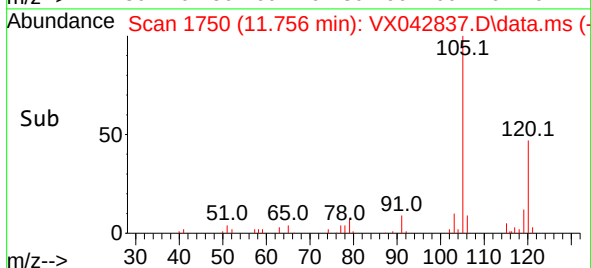
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024

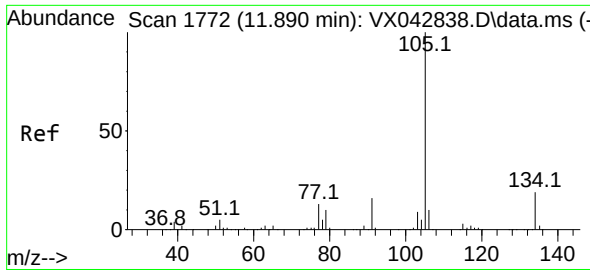


#80
1,2,4-Trimethylbenzene
Concen: 4.723 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52



Tgt Ion:105 Resp: 20268
Ion Ratio Lower Upper
105 100
120 44.6 0.0 96.2





#81
 sec-Butylbenzene
 Concen: 4.887 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX042837.D
 Acq: 02 Aug 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

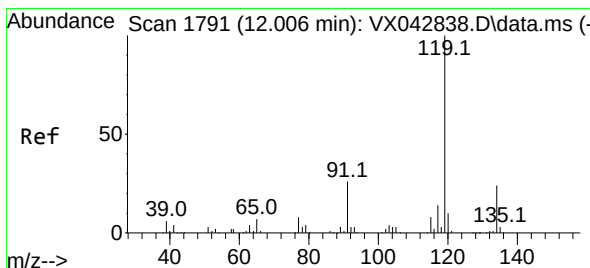
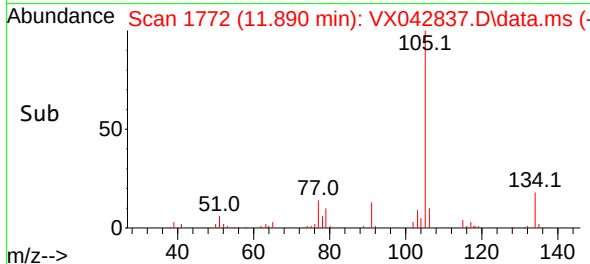
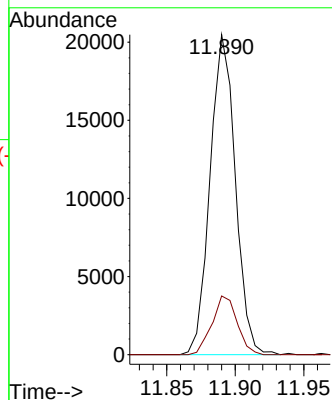
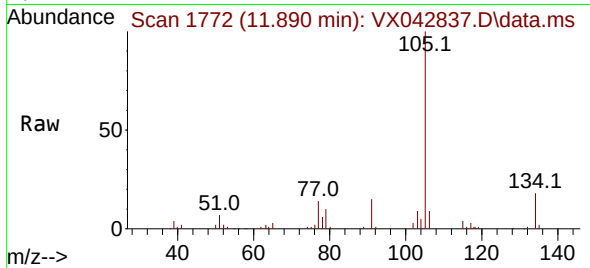
VSTDICC005

Tgt Ion:105 Resp: 2629
 Ion Ratio Lower Upper
 105 100
 134 18.2 0.0 43.2

Manual Integrations

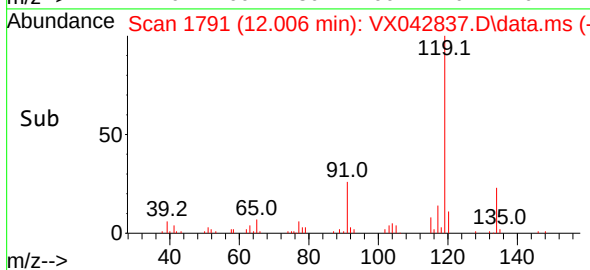
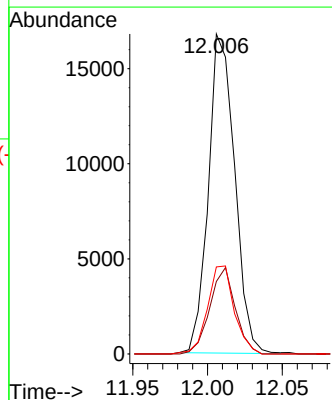
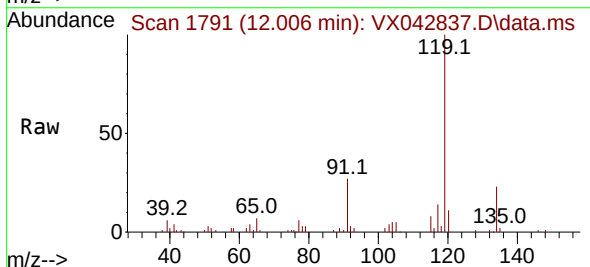
APPROVED

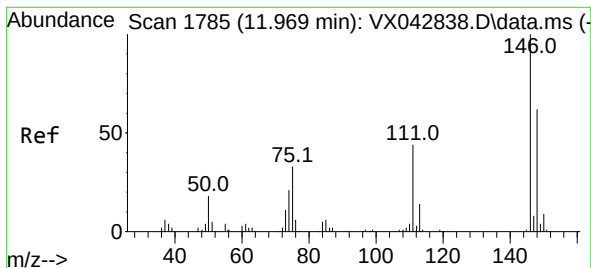
Reviewed By :Mahesh Dadoda 08/05/2024
 Supervised By :Semsettin Yesilyurt 08/05/2024



#82
 p-Isopropyltoluene
 Concen: 4.415 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX042837.D
 Acq: 02 Aug 2024 12:52

Tgt Ion:119 Resp: 20501
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 54.0
 91 28.0 0.0 42.2





#83

1,3-Dichlorobenzene

Concen: 4.378 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

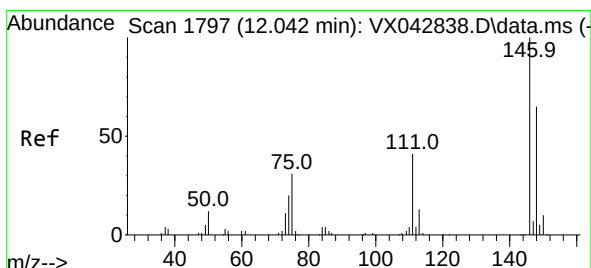
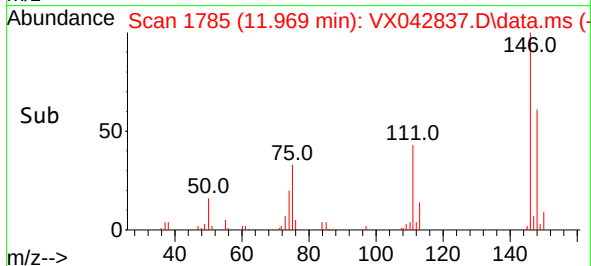
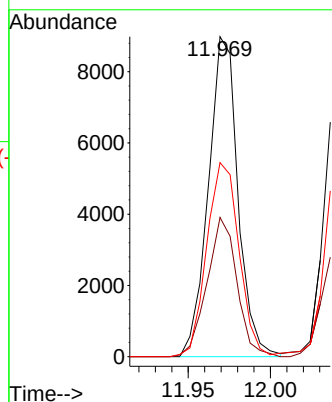
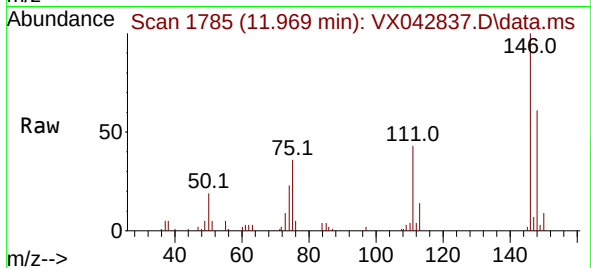
VSTDICC005

Tgt Ion:146 Resp: 11250
 Ion Ratio Lower Upper
 146 100
 111 43.8 18.0 54.0
 148 65.8 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2024
 Supervised By :Semsettin Yesilyurt 08/05/2024



#84

1,4-Dichlorobenzene

Concen: 4.523 ug/l

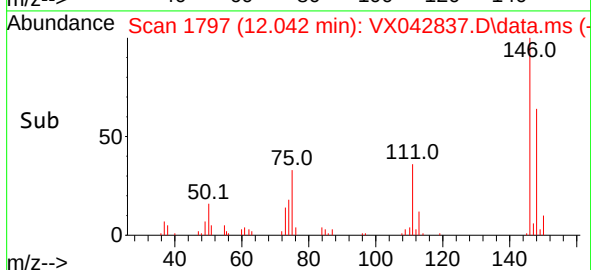
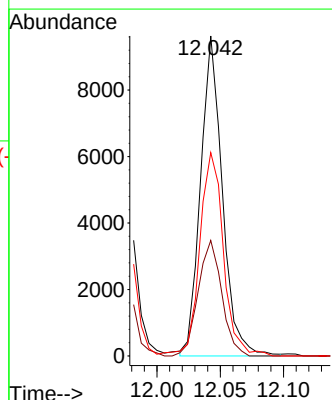
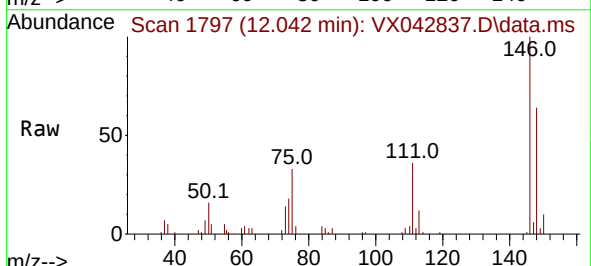
RT: 12.042 min Scan# 1797

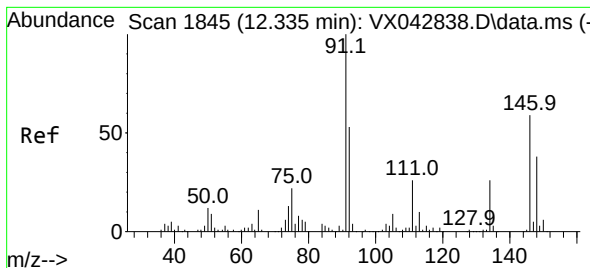
Delta R.T. 0.000 min

Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

Tgt Ion:146 Resp: 11565
 Ion Ratio Lower Upper
 146 100
 111 39.0 17.4 52.3
 148 68.4 32.3 96.9





#85

n-Butylbenzene

Concen: 4.728 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 1759

Ion Ratio Lower Upper

91 100

92 55.0 0.0 109.8

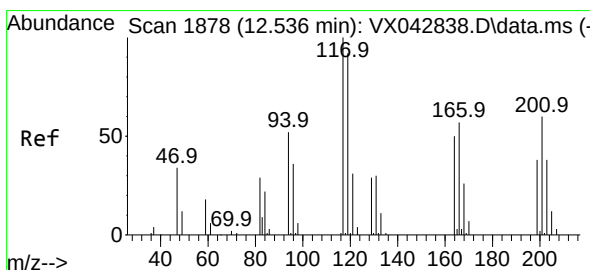
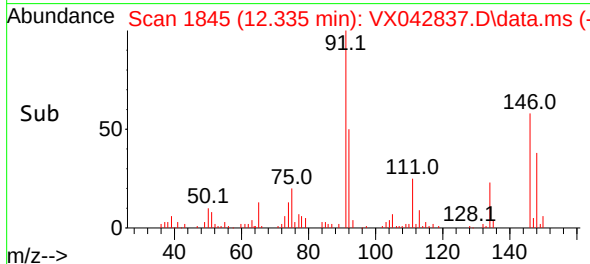
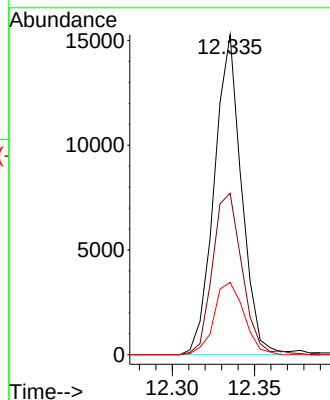
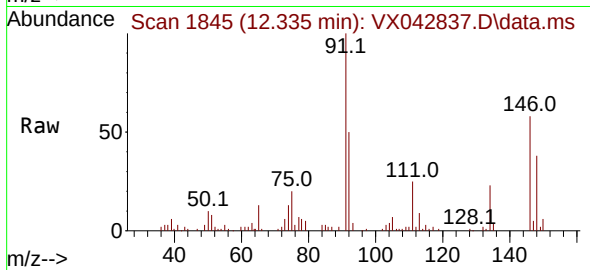
134 24.9 0.0 58.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2024

Supervised By :Semsettin Yesilyurt 08/05/2024



#86

Hexachloroethane

Concen: 4.460 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX042837.D

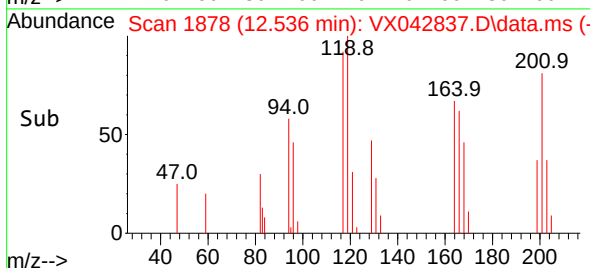
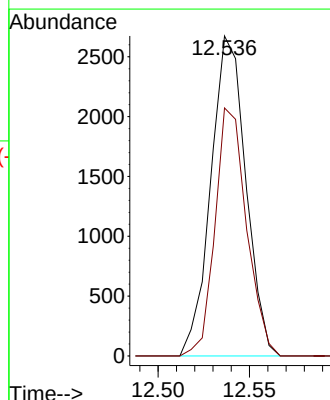
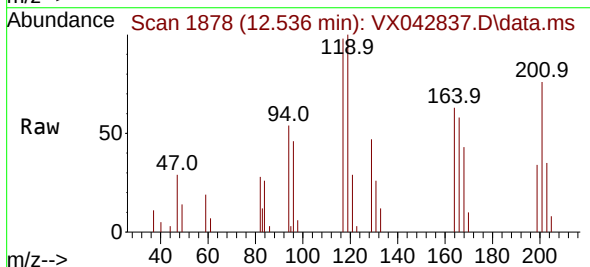
Acq: 02 Aug 2024 12:52

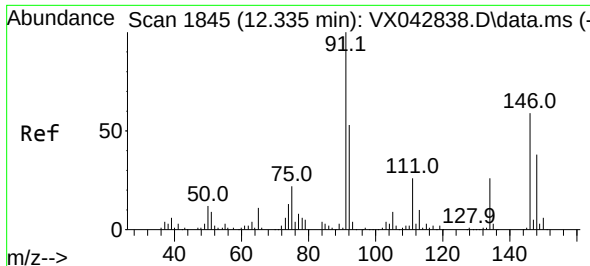
Tgt Ion:117 Resp: 3561

Ion Ratio Lower Upper

117 100

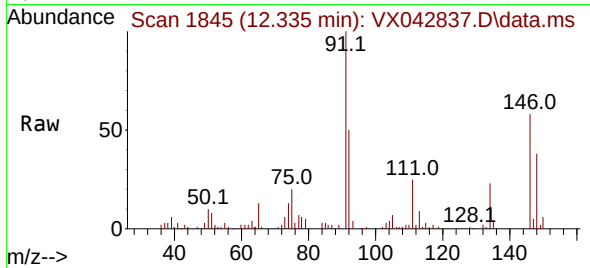
201 69.8 48.9 146.8





#87
1,2-Dichlorobenzene
Concen: 4.316 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52

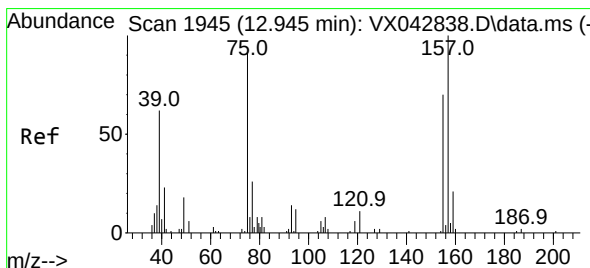
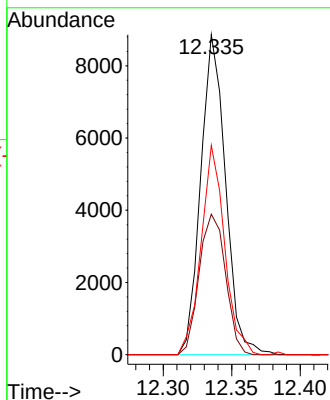
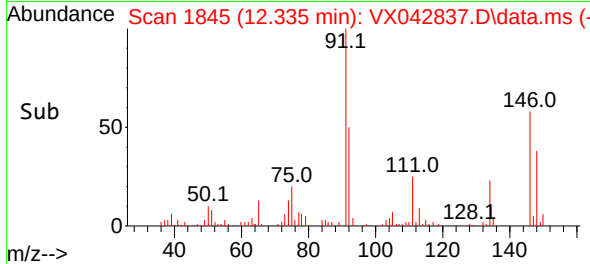
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



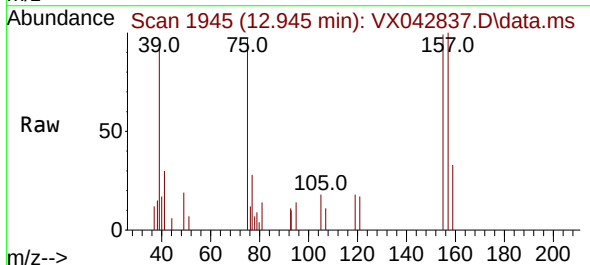
Tgt Ion:146 Resp: 11158
Ion Ratio Lower Upper
146 100
111 46.7 19.1 57.3
148 62.3 32.4 97.0

Manual Integrations
APPROVED

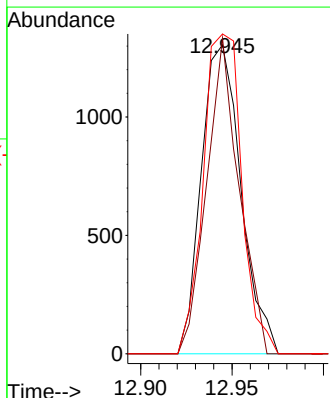
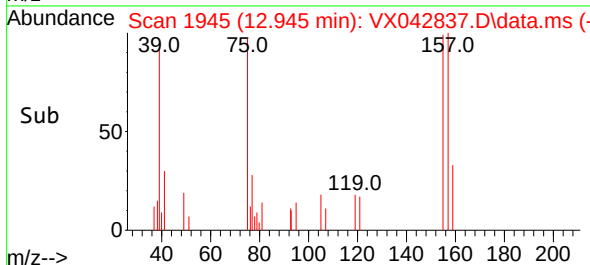
Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024

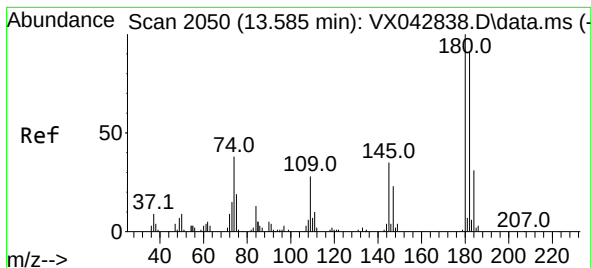


#88
1,2-Dibromo-3-Chloropropane
Concen: 5.236 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX042837.D
Acq: 02 Aug 2024 12:52



Tgt Ion: 75 Resp: 1971
Ion Ratio Lower Upper
75 100
155 83.8 88.6 133.0#
157 100.6 112.8 169.2#





#89

1,2,4-Trichlorobenzene

Concen: 3.601 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

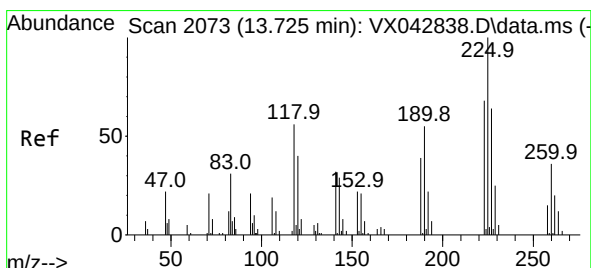
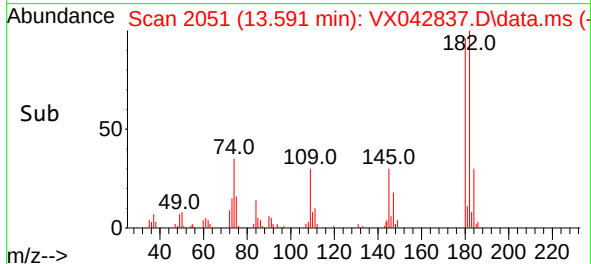
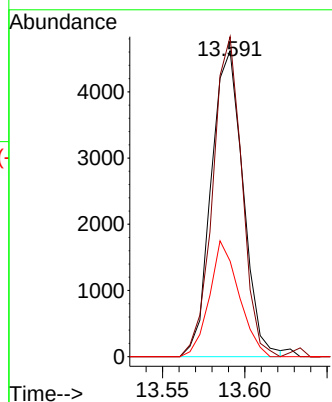
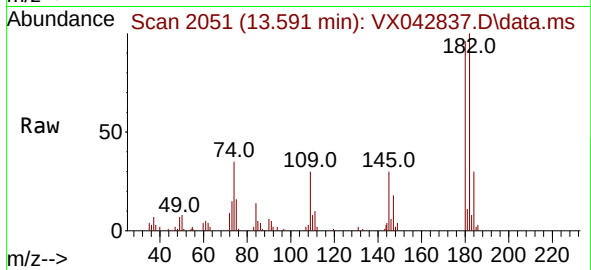
VSTDICC005

Tgt Ion:180	Resp:	622
Ion Ratio	Lower	Upper
180	100	
182	95.5	76.9 115.3
145	35.1	22.8 34.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#90

Hexachlorobutadiene

Concen: 3.823 ug/l

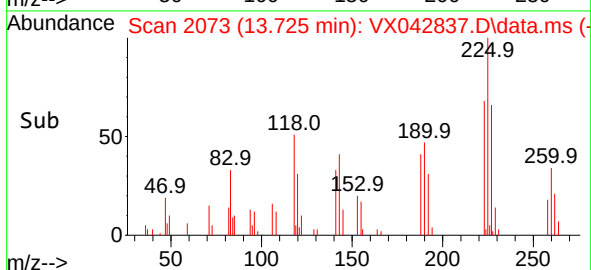
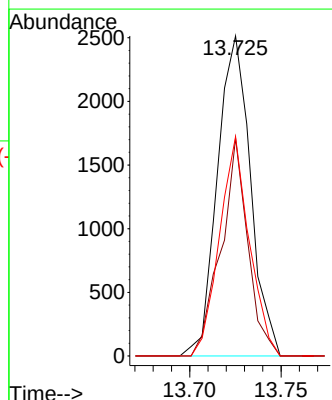
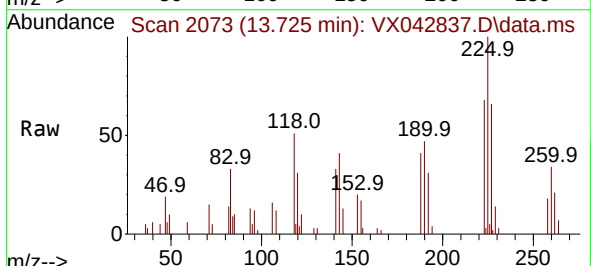
RT: 13.725 min Scan# 2073

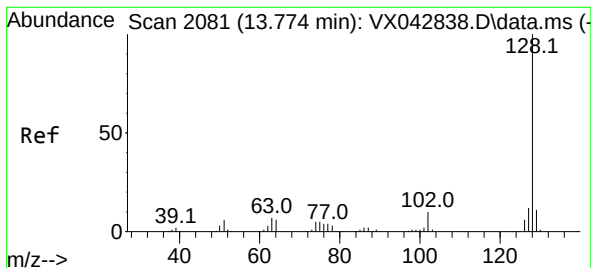
Delta R.T. 0.000 min

Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

Tgt Ion:225	Resp:	3164
Ion Ratio	Lower	Upper
225	100	
223	55.5	0.0 120.8
227	62.1	0.0 126.6





#91

Naphthalene

Concen: 4.233 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

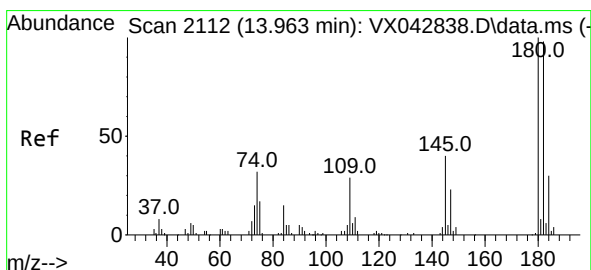
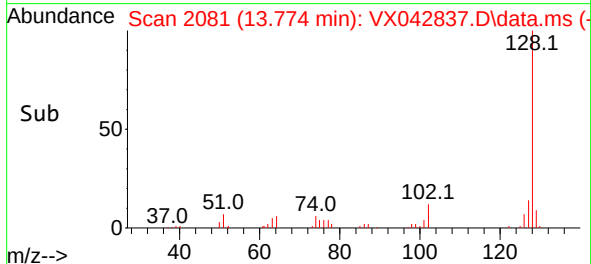
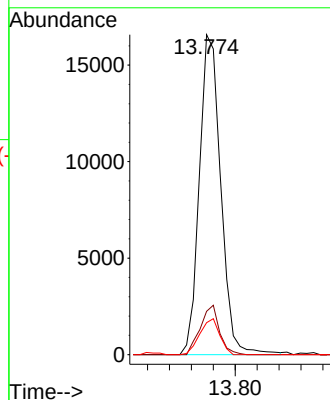
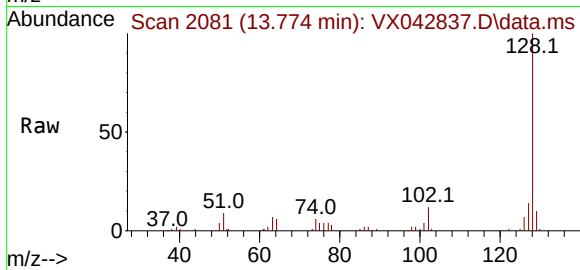
VSTDICC005

Tgt Ion:128	Resp:	2247
Ion Ratio	Lower	Upper
128	100	
127	13.8	10.4 15.6
129	10.4	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/05/2024
Supervised By :Semsettin Yesilyurt 08/05/2024



#92

1,2,3-Trichlorobenzene

Concen: 3.772 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX042837.D

Acq: 02 Aug 2024 12:52

Tgt Ion:180	Resp:	6672
Ion Ratio	Lower	Upper
180	100	
182	96.5	0.0 187.8
145	35.1	0.0 58.4

