

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052924\
 Data File : VX041663.D
 Acq On : 29 May 2024 09:56
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2024
 Supervised By : Semsettin Yesilyurt 05/30/2024

Quant Time: May 30 07:24:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:15:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	177591	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	257047	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	13198	6.059	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	12.120%	#	
35) Dibromofluoromethane	5.385	113	10194	5.736	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.480%	#	
50) Toluene-d8	8.647	98	33661	5.421	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.840%	#	
62) 4-Bromofluorobenzene	11.079	95	11390	4.970	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.940%	#	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	8471	5.429	ug/l	94
3) Chloromethane	1.301	50	9307	5.466	ug/l	96
4) Vinyl Chloride	1.374	62	9716	5.543	ug/l	99
5) Bromomethane	1.599	94	6483	5.311	ug/l	97
6) Chloroethane	1.666	64	6071	5.731	ug/l	94
7) Trichlorofluoromethane	1.868	101	15733	5.497	ug/l	94
8) Diethyl Ether	2.136	74	6053	5.487	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	8889	5.481	ug/l	89
10) Methyl Iodide	2.441	142	11095	5.486	ug/l	89
11) Tert butyl alcohol	3.001	59	9007	23.376	ug/l #	90
12) 1,1-Dichloroethene	2.306	96	8393	5.302	ug/l	91
13) Acrolein	2.239	56	10032	27.957	ug/l	97
14) Allyl chloride	2.660	41	13664	5.247	ug/l	99
15) Acrylonitrile	3.075	53	25530	27.018	ug/l	98
16) Acetone	2.392	43	28683	27.365	ug/l	98
17) Carbon Disulfide	2.502	76	17046	4.867	ug/l	97
18) Methyl Acetate	2.709	43	10898	5.240	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	27449	5.183	ug/l	99
20) Methylene Chloride	2.788	84	10115	5.189	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	8635	5.257	ug/l	86
22) Diisopropyl ether	3.770	45	28665	5.386	ug/l	97
23) Vinyl Acetate	3.727	43	121452	25.400	ug/l	97
24) 1,1-Dichloroethane	3.605	63	15874	5.274	ug/l	96
25) 2-Butanone	4.568	43	35848	26.481	ug/l	99
26) 2,2-Dichloropropane	4.471	77	12535	5.076	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	10312	5.252	ug/l	92
28) Bromochloromethane	4.891	49	7130	5.501	ug/l #	81
29) Tetrahydrofuran	5.019	42	22892	26.814	ug/l	99
30) Chloroform	5.093	83	16928	5.357	ug/l	97
31) Cyclohexane	5.464	56	13512	5.254	ug/l #	93
32) 1,1,1-Trichloroethane	5.379	97	14239	5.142	ug/l	99
36) 1,1-Dichloropropene	5.690	75	11238	5.222	ug/l	97
37) Ethyl Acetate	4.721	43	14967	5.511	ug/l	96
38) Carbon Tetrachloride	5.678	117	12068	4.936	ug/l	94
39) Methylcyclohexane	7.379	83	13704	5.184	ug/l	95
40) Benzene	6.038	78	35671	5.303	ug/l	98

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 Data File : VX041663.D
 Acq On : 29 May 2024 09:56
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/30/2024
 Supervised By :Semsettin Yesilyurt 05/30/2024

Quant Time: May 30 07:24:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:15:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	6722	5.061	ug/l	91
42) 1,2-Dichloroethane	6.092	62	13725	5.466	ug/l	98
43) Isopropyl Acetate	6.348	43	21550	5.256	ug/l	97
44) Trichloroethene	7.123	130	9519	5.203	ug/l	94
45) 1,2-Dichloropropane	7.428	63	8491	5.309	ug/l	95
46) Dibromomethane	7.586	93	6404	5.221	ug/l #	79
47) Bromodichloromethane	7.824	83	10828	4.767	ug/l	93
48) Methyl methacrylate	7.702	41	9675	4.913	ug/l	94
49) 1,4-Dioxane	7.677	88	4663	108.384	ug/l #	68
51) 4-Methyl-2-Pentanone	8.580	43	69585	26.171	ug/l	100
52) Toluene	8.720	92	22364	5.239	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	10634	4.757	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	11805	4.773	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	8901	5.173	ug/l	92
56) Ethyl methacrylate	9.122	69	13017	4.956	ug/l	96
57) 1,3-Dichloropropane	9.311	76	15539	5.439	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	31708	25.643	ug/l	92
59) 2-Hexanone	9.433	43	53192	26.240	ug/l	98
60) Dibromochloromethane	9.519	129	8826	4.624	ug/l	97
61) 1,2-Dibromoethane	9.610	107	9346	5.146	ug/l	98
64) Tetrachloroethene	9.275	164	9169	5.280	ug/l	91
65) Chlorobenzene	10.079	112	26259	5.280	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	8637	5.005	ug/l	99
67) Ethyl Benzene	10.195	91	41426	5.227	ug/l	99
68) m/p-Xylenes	10.299	106	32323	10.252	ug/l	95
69) o-Xylene	10.640	106	16261	5.185	ug/l	93
70) Styrene	10.659	104	25895	4.999	ug/l	96
71) Bromoform	10.799	173	6712	4.466	ug/l #	100
73) Isopropylbenzene	10.963	105	40176	5.424	ug/l	96
74) N-amyl acetate	10.848	43	16662	5.078	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	14489	5.512	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	10972m	5.170	ug/l	
77) Bromobenzene	11.195	156	11875	5.431	ug/l	81
78) n-propylbenzene	11.305	91	43183	5.309	ug/l	98
79) 2-Chlorotoluene	11.366	91	29099	5.566	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	32870	5.315	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	3125	4.088	ug/l	88
82) 4-Chlorotoluene	11.457	91	31749	5.338	ug/l	93
83) tert-Butylbenzene	11.713	119	35548	5.336	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	33764	5.388	ug/l	96
85) sec-Butylbenzene	11.890	105	40567	5.311	ug/l	96
86) p-Isopropyltoluene	12.006	119	34561	5.159	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	20827	5.334	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	21814	5.419	ug/l	98
89) n-Butylbenzene	12.335	91	25698	4.846	ug/l	97
90) Hexachloroethane	12.536	117	5654	4.963	ug/l	66
91) 1,2-Dichlorobenzene	12.335	146	21693	5.454	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	2634	4.960	ug/l	64
93) 1,2,4-Trichlorobenzene	13.585	180	12964	4.945	ug/l	96
94) Hexachlorobutadiene	13.725	225	7037	5.418	ug/l	97
95) Naphthalene	13.774	128	38096	4.925	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	13570	5.030	ug/l	95

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Data File : VX041663.D
Acq On : 29 May 2024 09:56
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

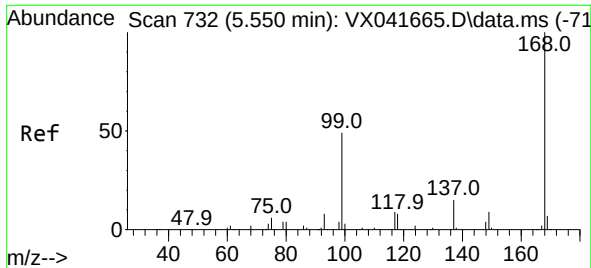
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

Quant Time: May 30 07:24:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:15:30 2024
Response via : Initial Calibration

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

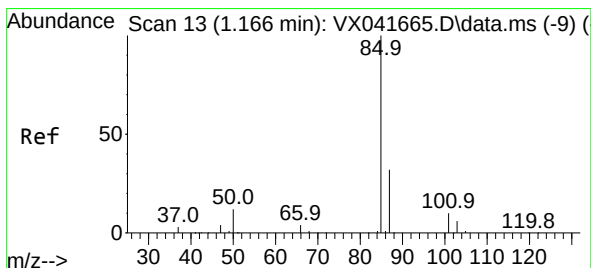
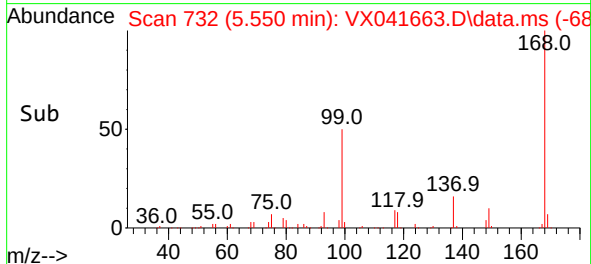
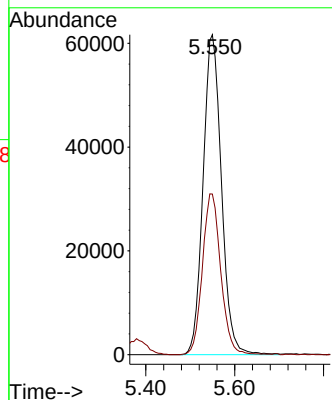
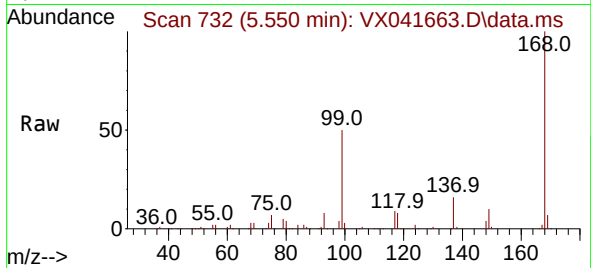
VSTDIC005

Tgt Ion:168 Resp: 17759
Ion Ratio Lower Upper
168 100
99 50.2 56.6 85.0

Manual Integrations

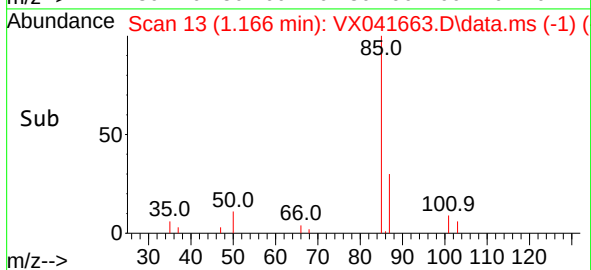
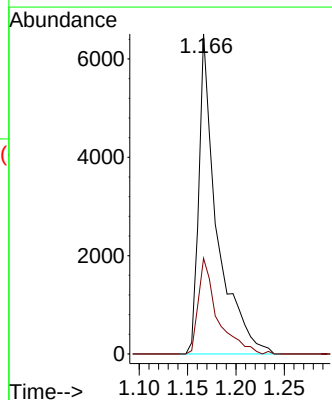
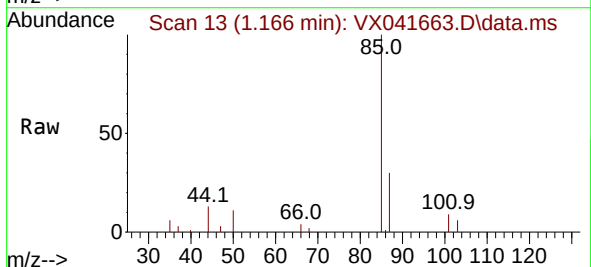
APPROVED

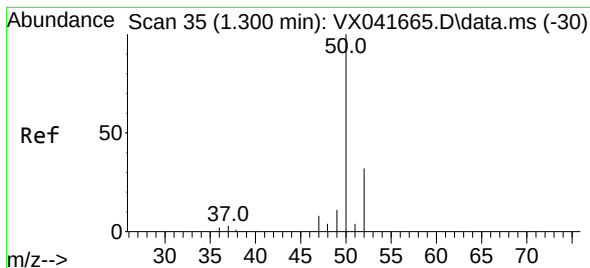
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#2
Dichlorodifluoromethane
Concen: 5.429 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Tgt Ion: 85 Resp: 8471
Ion Ratio Lower Upper
85 100
87 29.9 16.7 50.1





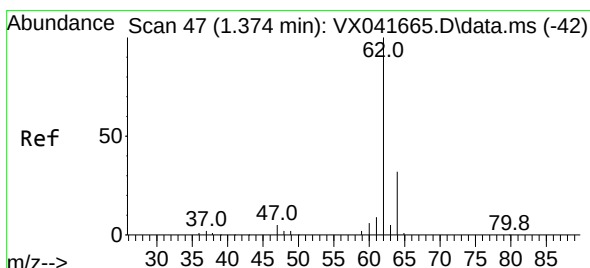
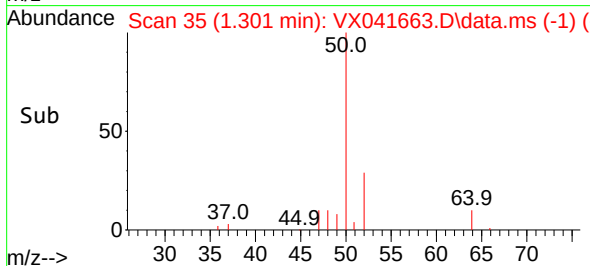
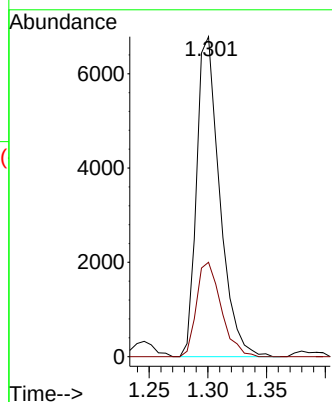
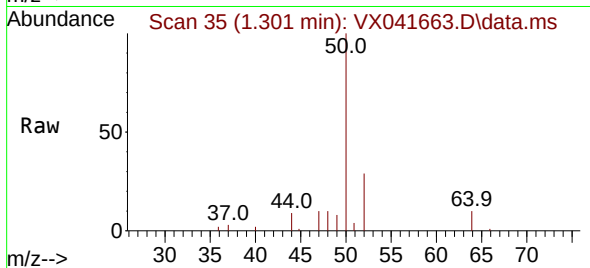
#3
Chloromethane
Concen: 5.466 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 930
Ion Ratio Lower Upper
50 100
52 29.5 25.5 38.3

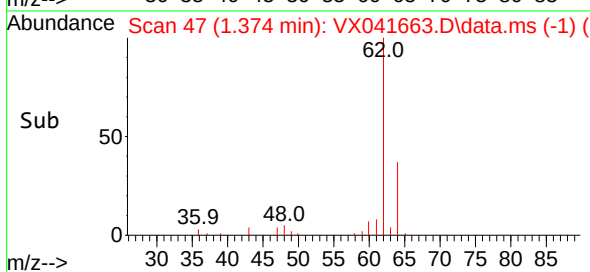
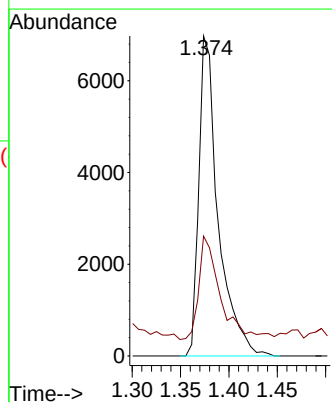
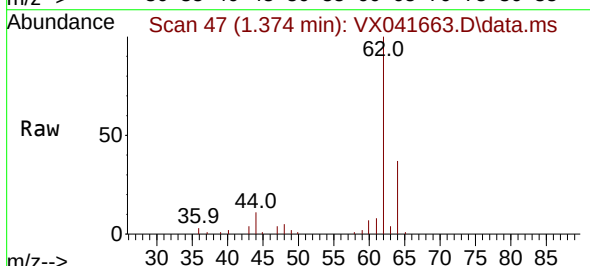
Manual Integrations
APPROVED

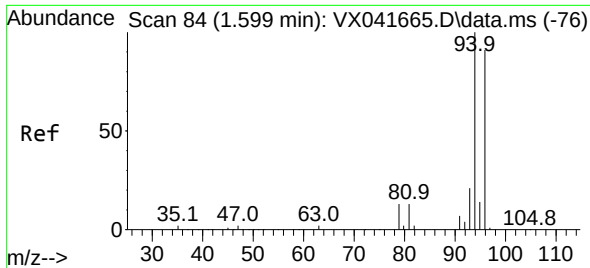
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#4
Vinyl Chloride
Concen: 5.543 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

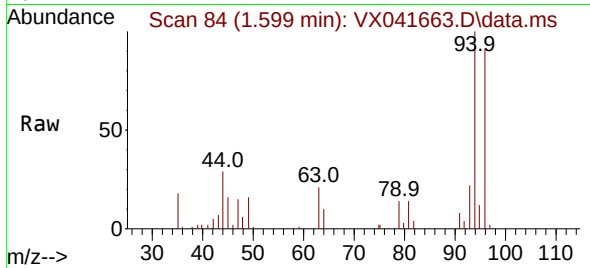
Tgt Ion: 62 Resp: 9716
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0





#5
Bromomethane
Concen: 5.311 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

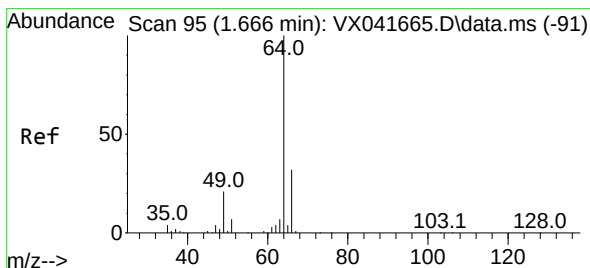
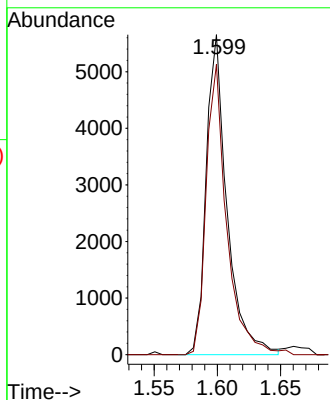
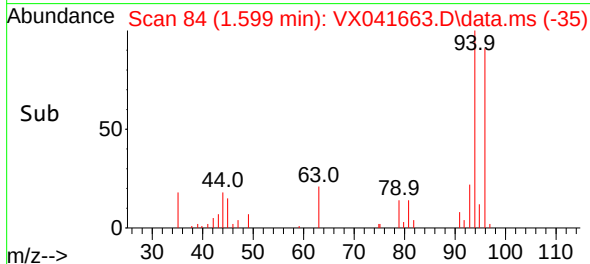
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 94 Resp: 648
Ion Ratio Lower Upper
94 100
96 90.7 74.6 111.8

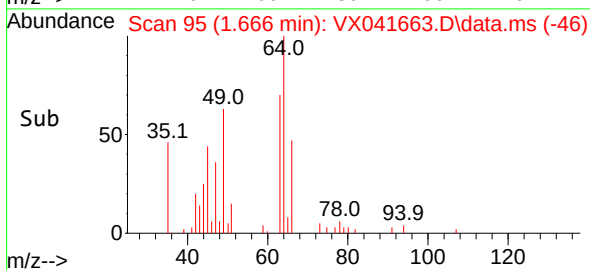
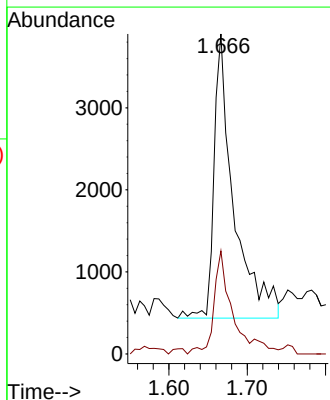
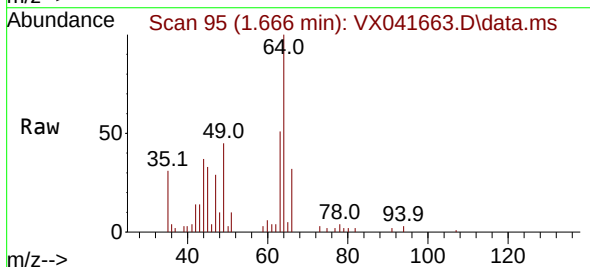
Manual Integrations
APPROVED

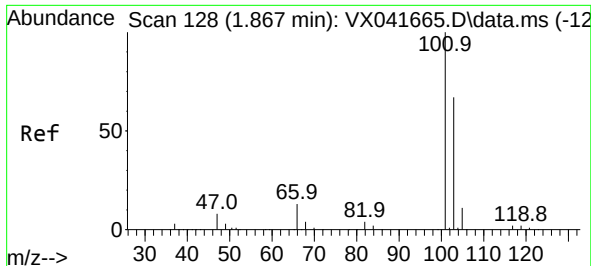
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#6
Chloroethane
Concen: 5.731 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

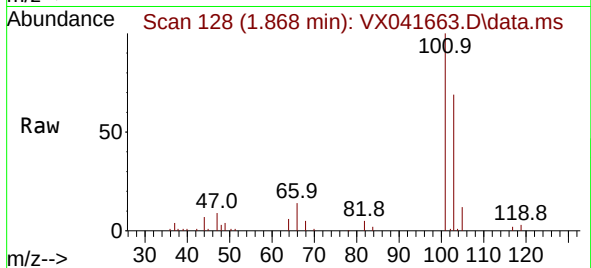
Tgt Ion: 64 Resp: 6071
Ion Ratio Lower Upper
64 100
66 34.8 25.1 37.7





#7
Trichlorofluoromethane
Concen: 5.497 ug/l
RT: 1.868 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

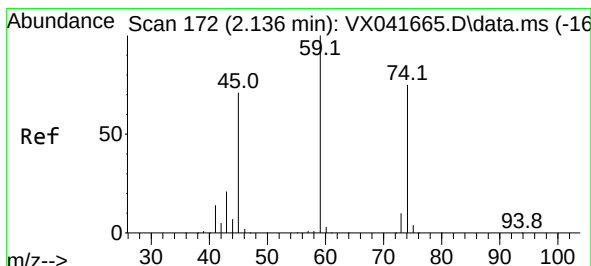
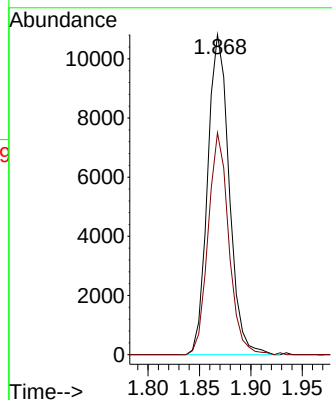
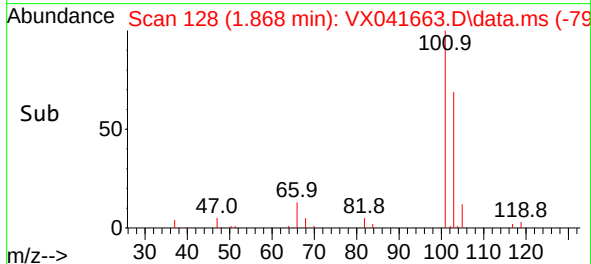
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:101 Resp: 1573
Ion Ratio Lower Upper
101 100
103 69.3 51.4 77.2

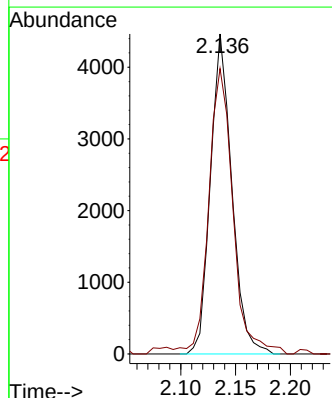
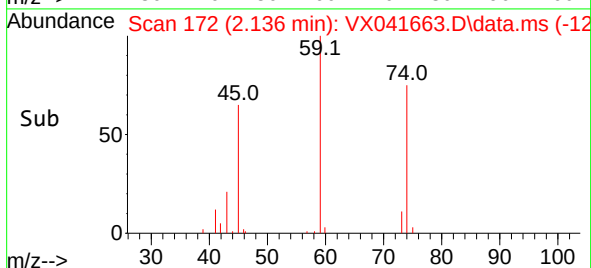
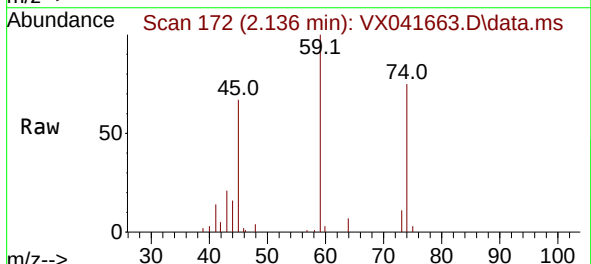
Manual Integrations
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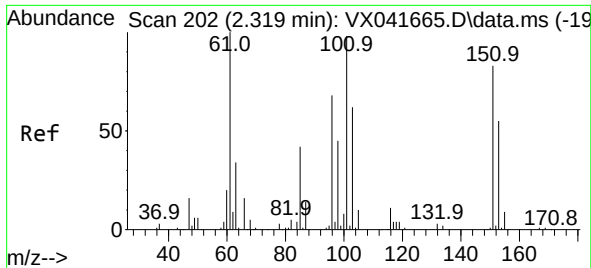
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#8
Diethyl Ether
Concen: 5.487 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Tgt Ion: 74 Resp: 6053
Ion Ratio Lower Upper
74 100
45 100.6 53.3 159.8





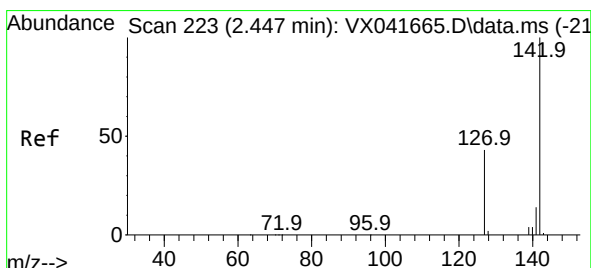
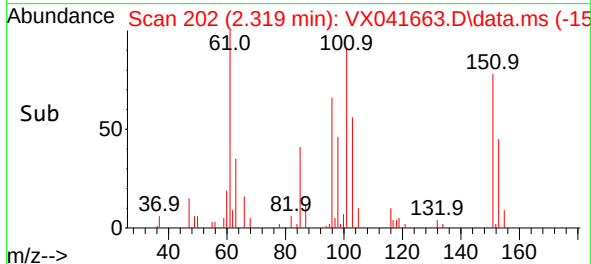
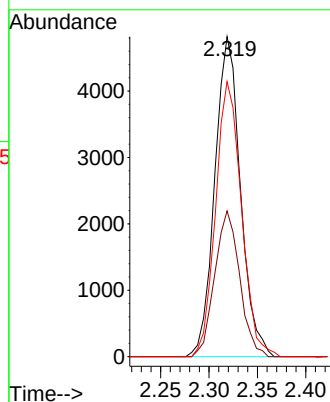
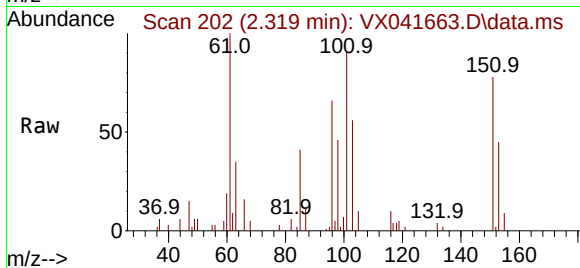
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.481 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 8889
Ion Ratio Lower Upper
101 100
85 44.3 37.0 55.6
151 86.4 58.6 87.8

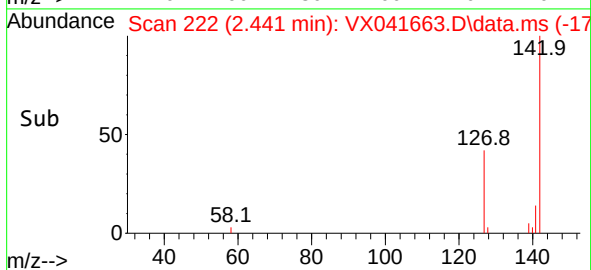
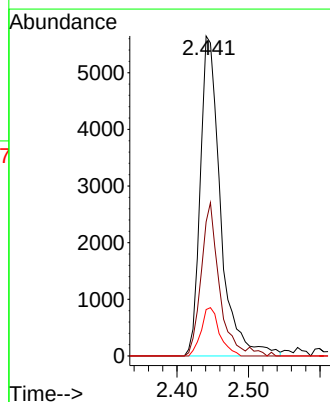
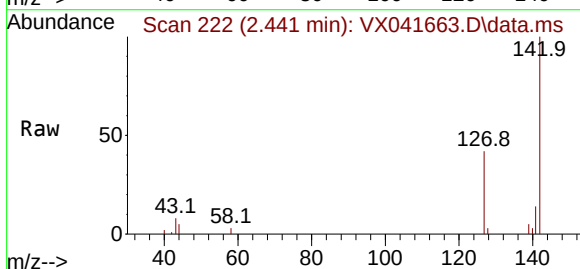
Manual Integrations
APPROVED

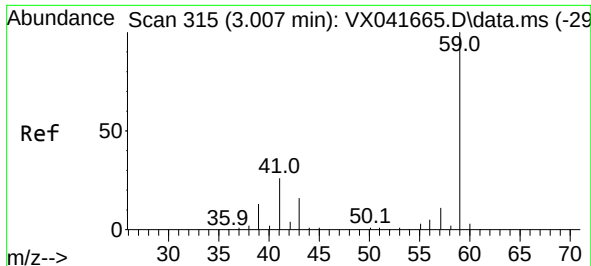
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#10
Methyl Iodide
Concen: 5.486 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Tgt Ion:142 Resp: 11095
Ion Ratio Lower Upper
142 100
127 42.3 41.6 62.4
141 13.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 23.376 ug/l

RT: 3.001 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 900

Ion Ratio Lower Upper

59 100

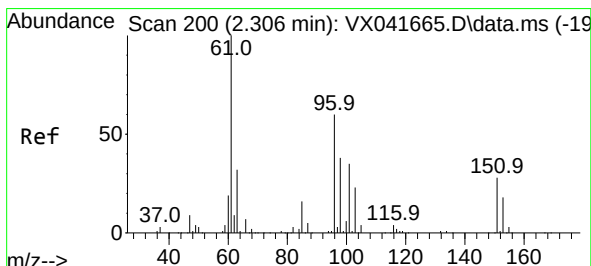
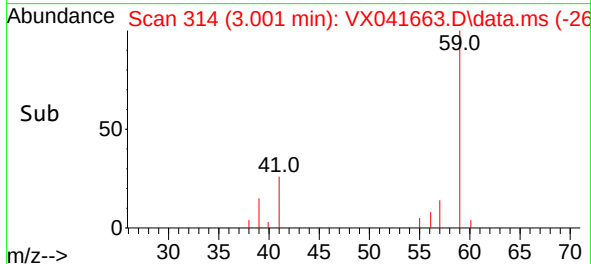
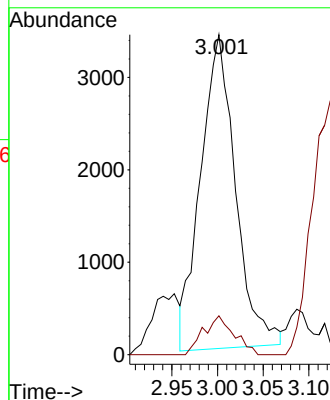
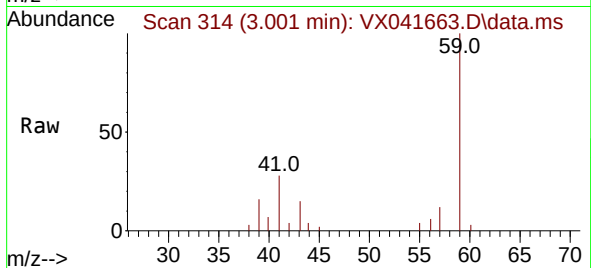
57 10.8 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#12

1,1-Dichloroethene

Concen: 5.302 ug/l

RT: 2.306 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

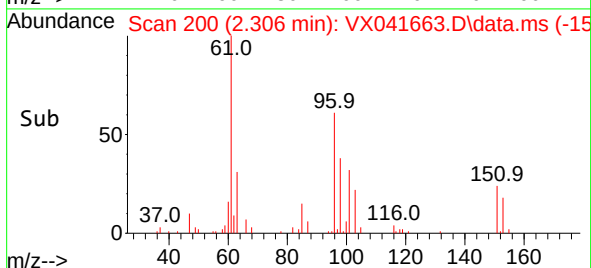
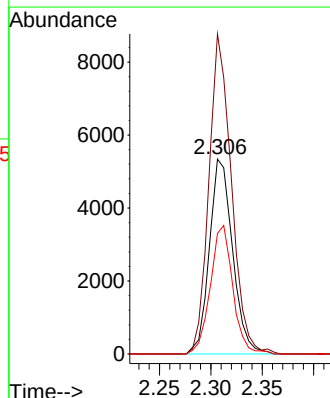
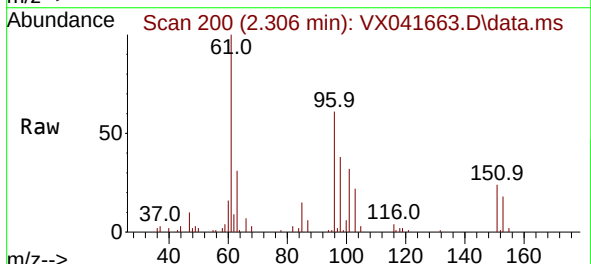
Tgt Ion: 96 Resp: 8393

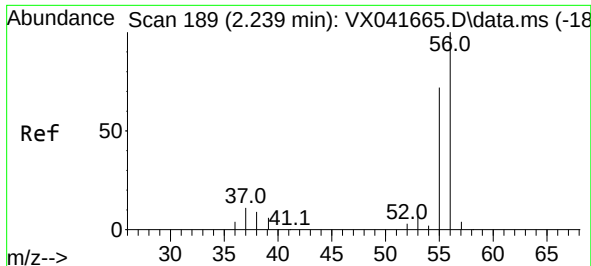
Ion Ratio Lower Upper

96 100

61 164.2 144.6 216.8

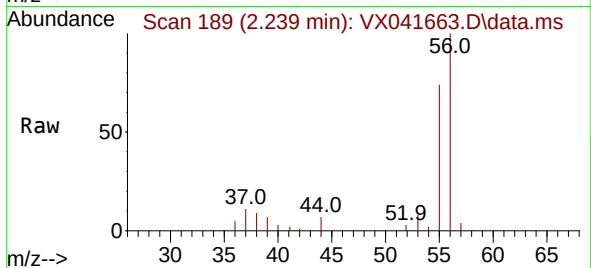
98 61.8 50.4 75.6





#13
Acrolein
Concen: 27.957 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

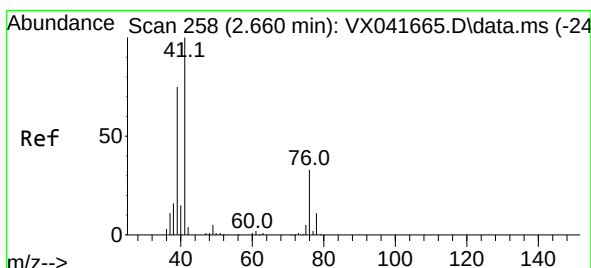
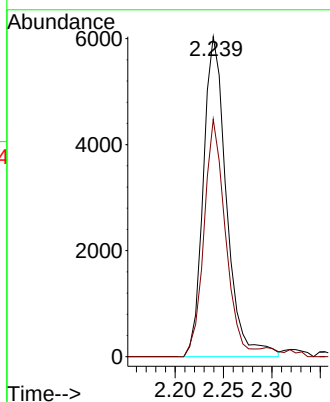
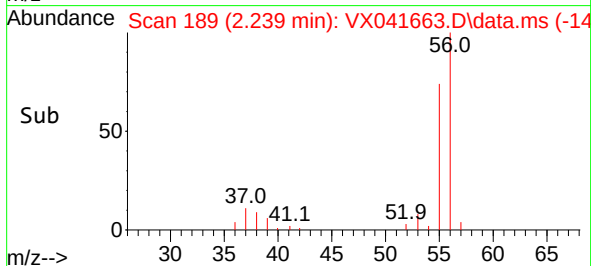
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 1003
Ion Ratio Lower Upper
56 100
55 68.8 57.1 85.7

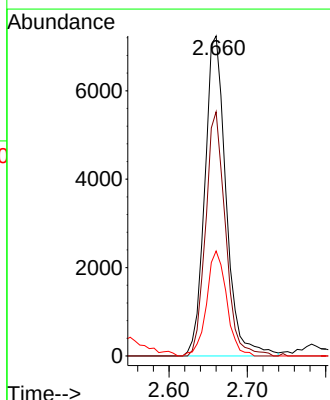
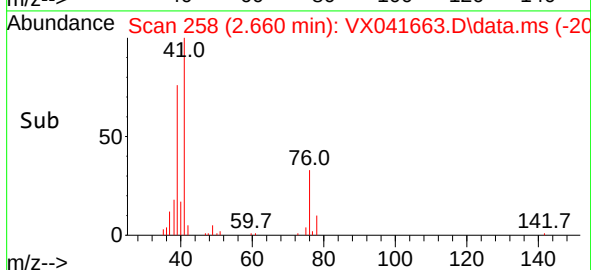
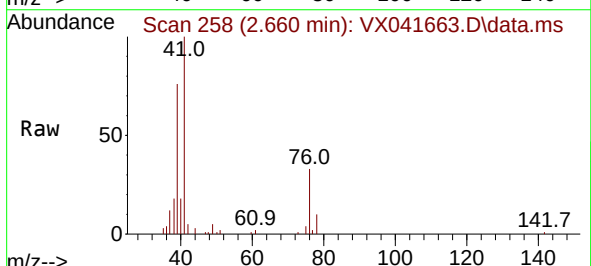
Manual Integrations
APPROVED

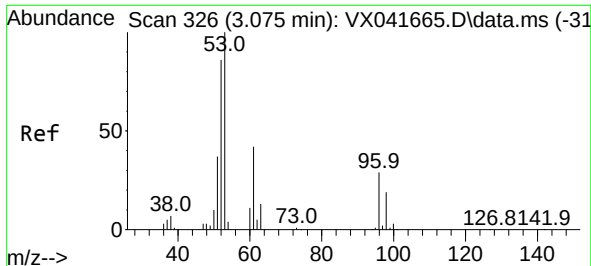
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#14
Allyl chloride
Concen: 5.247 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Tgt Ion: 41 Resp: 13664
Ion Ratio Lower Upper
41 100
39 71.0 55.8 83.6
76 30.8 24.3 36.5





#15

Acrylonitrile

Concen: 27.018 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

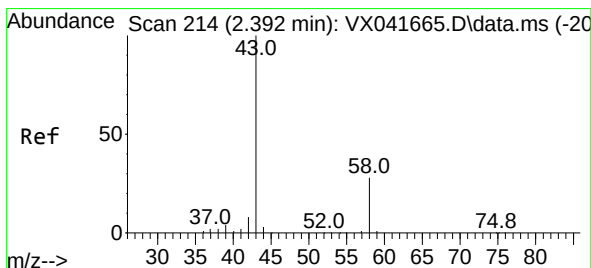
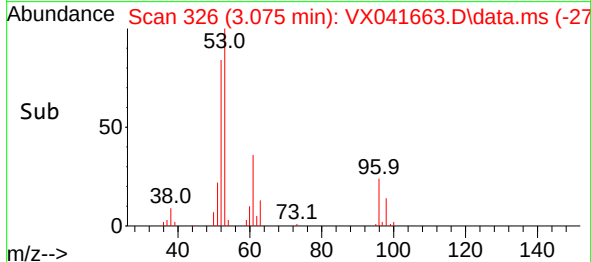
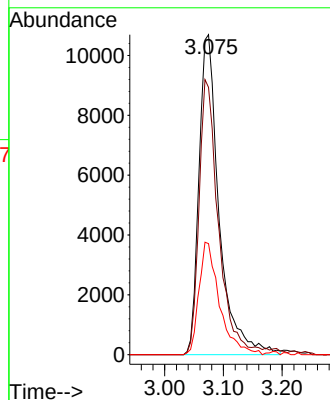
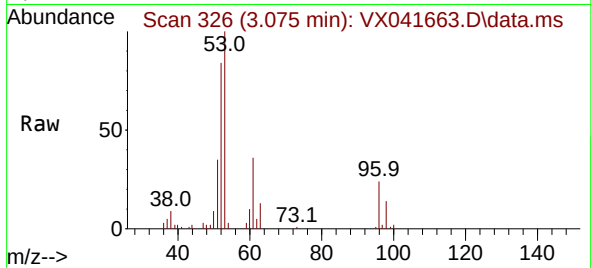
Tgt Ion: 53	Resp: 25530
Ion Ratio	Lower Upper
53 100	
52 84.0	66.0 99.0
51 35.8	29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#16

Acetone

Concen: 27.365 ug/l

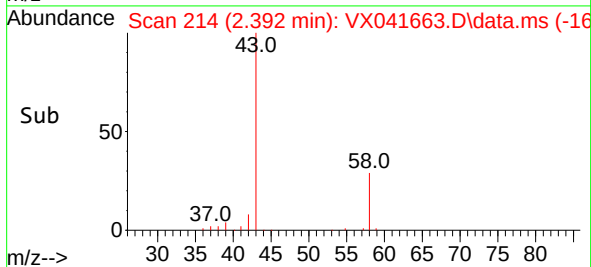
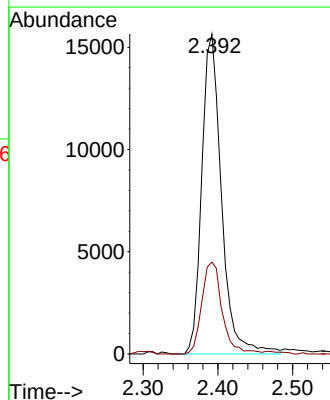
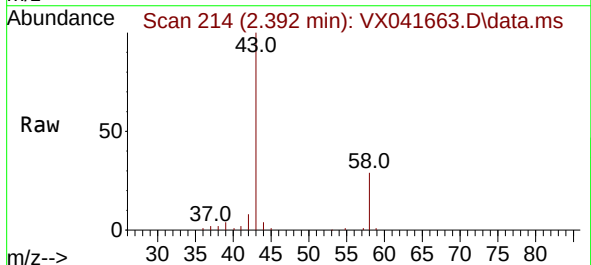
RT: 2.392 min Scan# 214

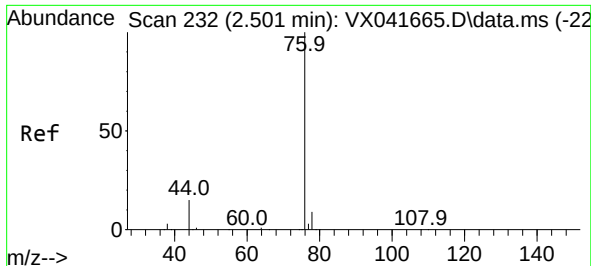
Delta R.T. -0.000 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

Tgt Ion: 43	Resp: 28683
Ion Ratio	Lower Upper
43 100	
58 28.7	21.9 32.9





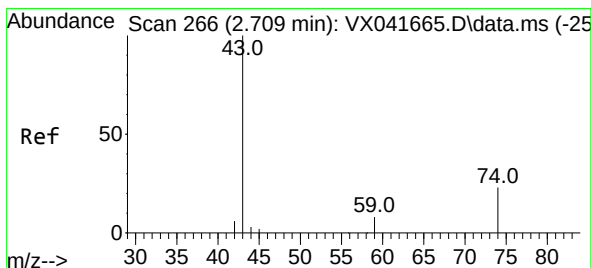
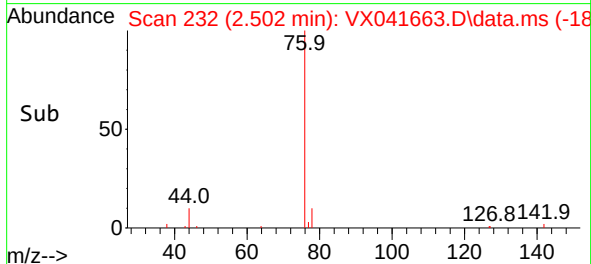
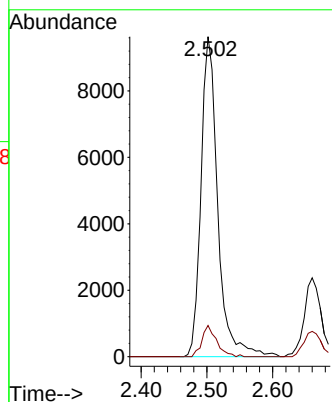
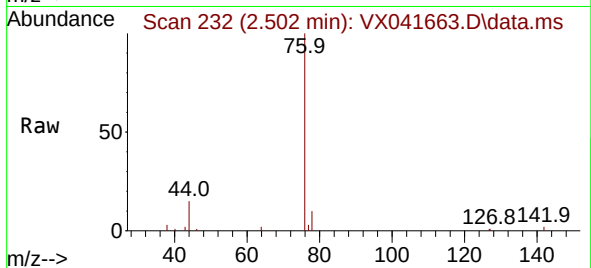
#17
Carbon Disulfide
Concen: 4.867 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 17040
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.6

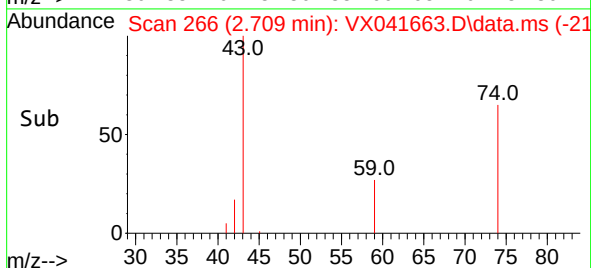
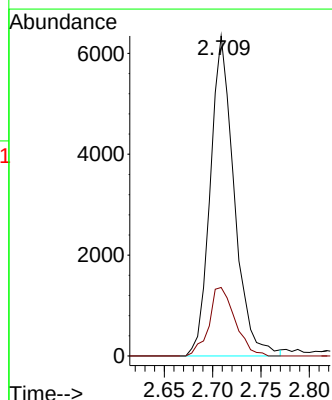
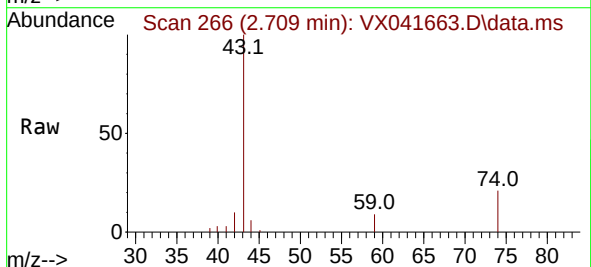
Manual Integrations
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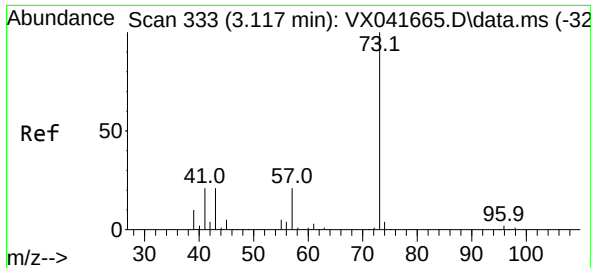
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#18
Methyl Acetate
Concen: 5.240 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Tgt Ion: 43 Resp: 10898
Ion Ratio Lower Upper
43 100
74 23.3 17.8 26.8





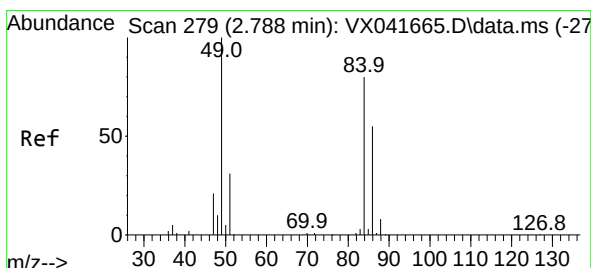
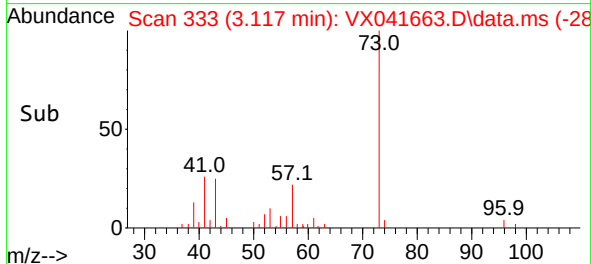
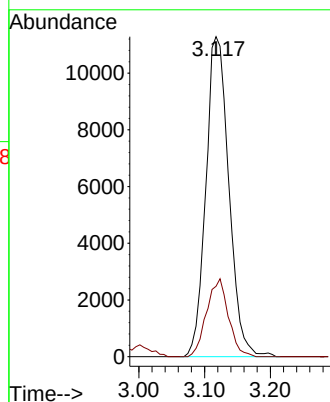
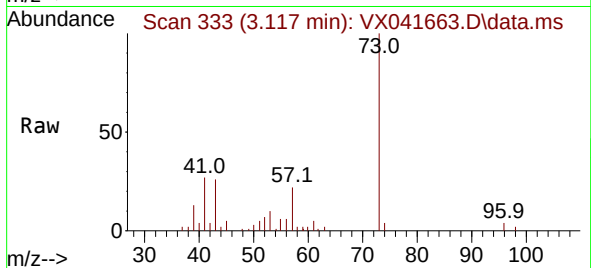
#19
Methyl tert-butyl Ether
Concen: 5.183 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 27449
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9

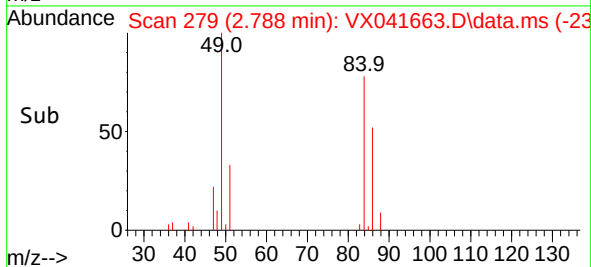
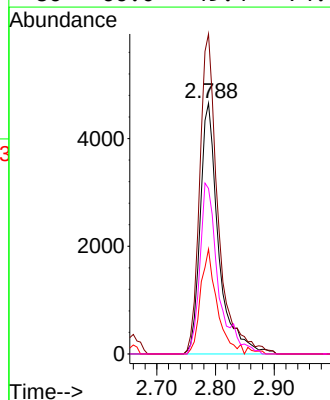
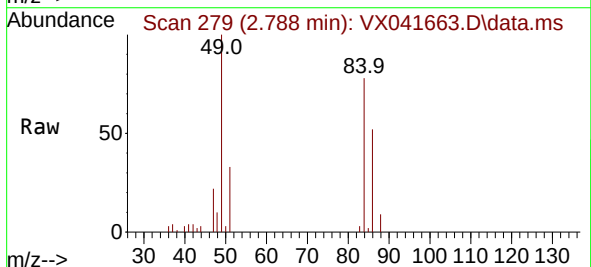
Manual Integrations
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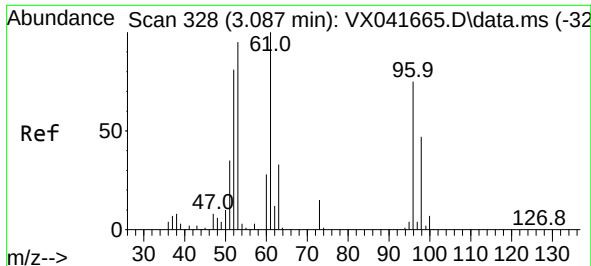
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#20
Methylene Chloride
Concen: 5.189 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

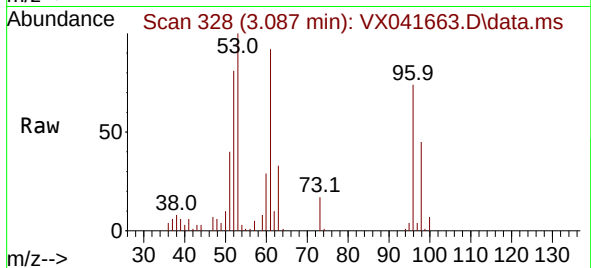
Tgt Ion: 84 Resp: 10115
Ion Ratio Lower Upper
84 100
49 127.6 103.6 155.4
51 41.8 33.8 50.6
86 66.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 5.257 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

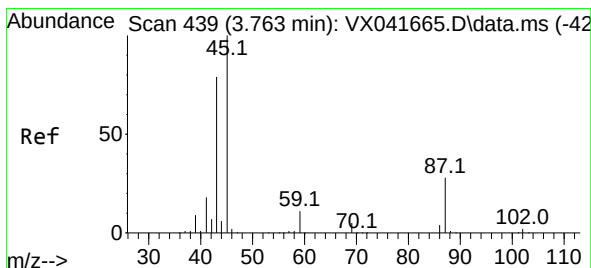
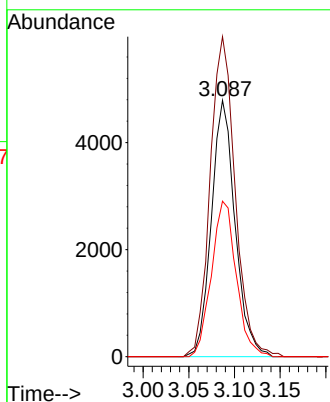
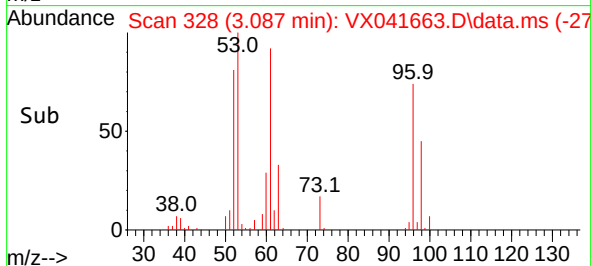
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



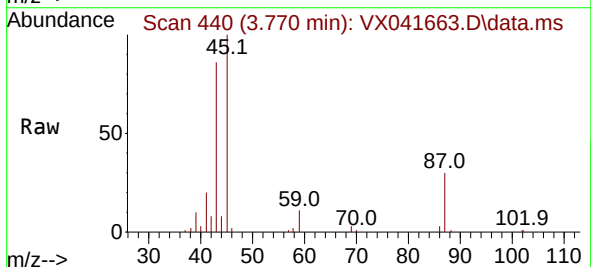
Tgt Ion: 96 Resp: 863
Ion Ratio Lower Upper
96 100
61 124.9 119.2 178.8
98 60.7 48.7 73.1

Manual Integrations
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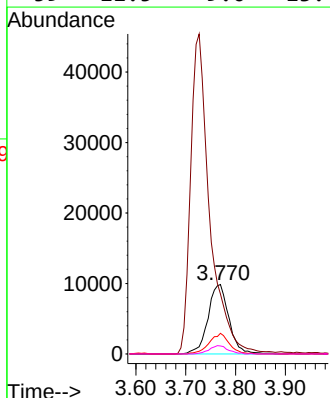
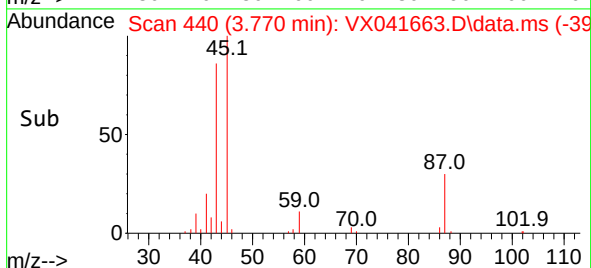
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

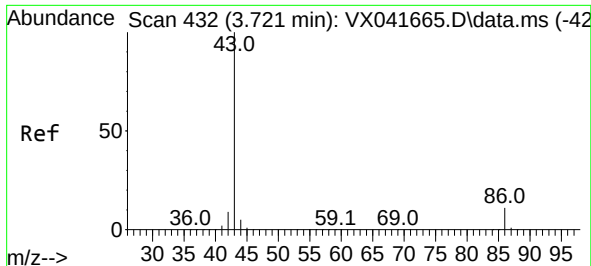


#22
Diisopropyl ether
Concen: 5.386 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56



Tgt Ion: 45 Resp: 28665
Ion Ratio Lower Upper
45 100
43 85.4 69.7 104.5
87 29.8 20.8 31.2
59 11.5 9.0 13.4





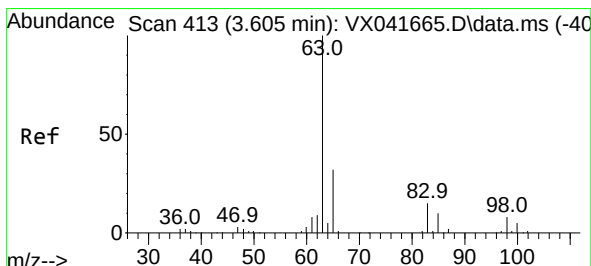
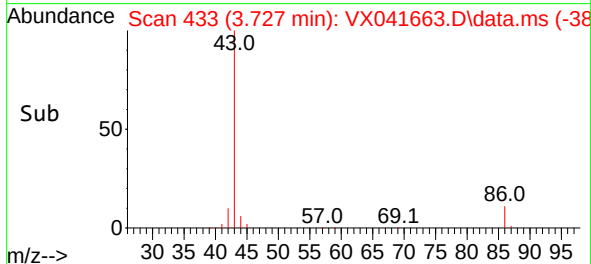
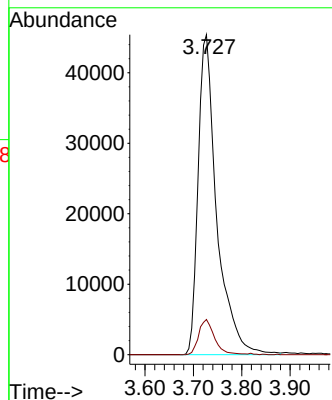
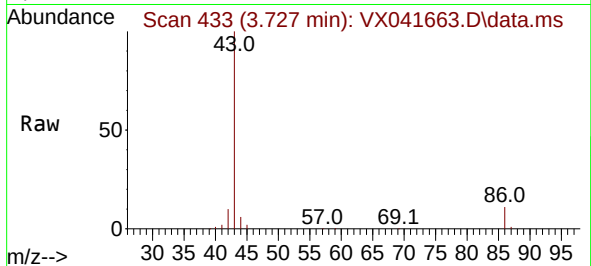
#23
Vinyl Acetate
Concen: 25.400 ug/l
RT: 3.727 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 121452
Ion Ratio Lower Upper
43 100
86 11.0 7.8 11.8

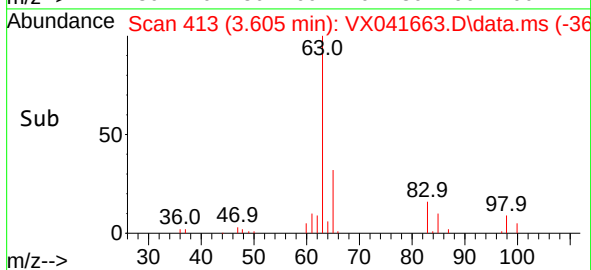
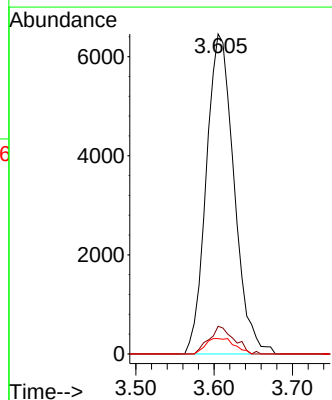
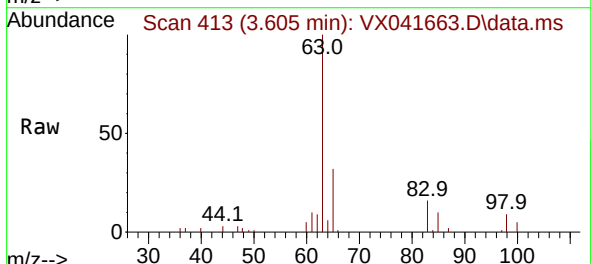
Manual Integrations
APPROVED

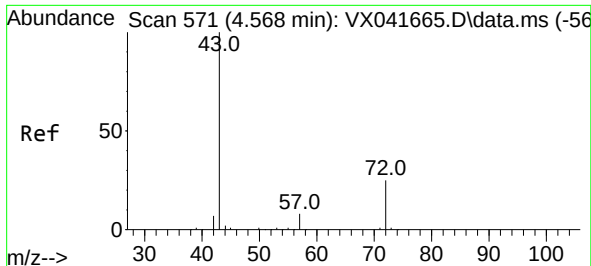
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#24
1,1-Dichloroethane
Concen: 5.274 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Tgt Ion: 63 Resp: 15874
Ion Ratio Lower Upper
63 100
98 8.6 3.3 9.8
100 4.8 2.1 6.5





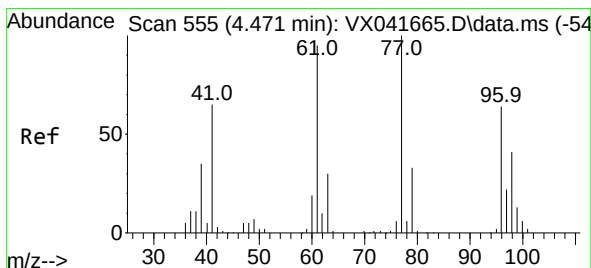
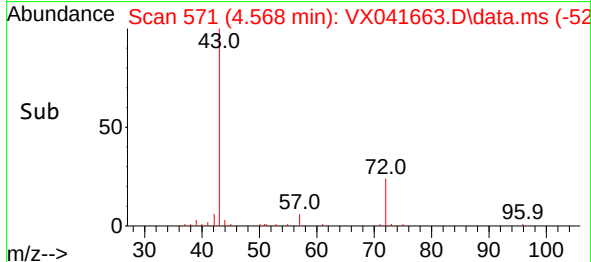
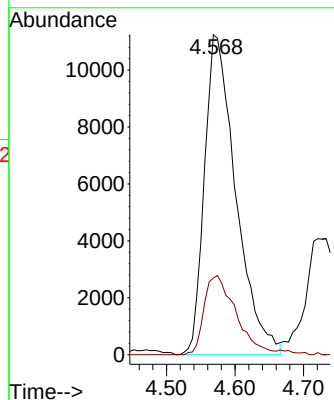
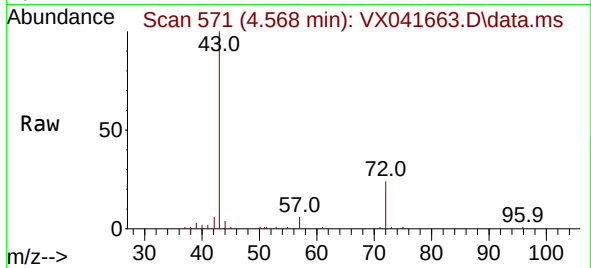
#25
2-Butanone
Concen: 26.481 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 3584
Ion Ratio Lower Upper
43 100
72 23.9 19.4 29.2

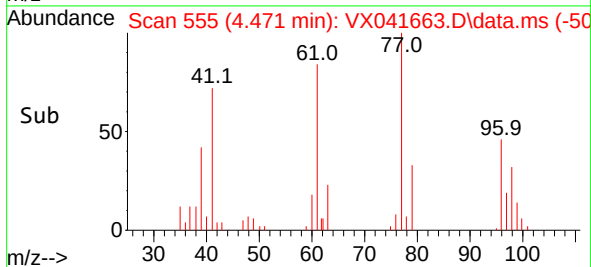
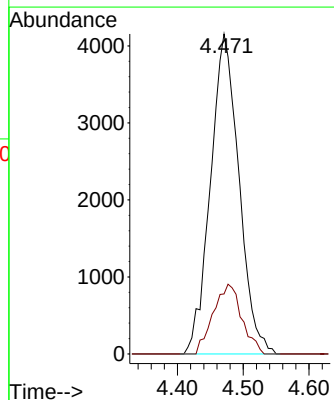
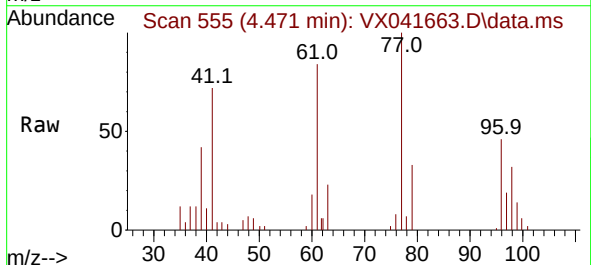
Manual Integrations
APPROVED

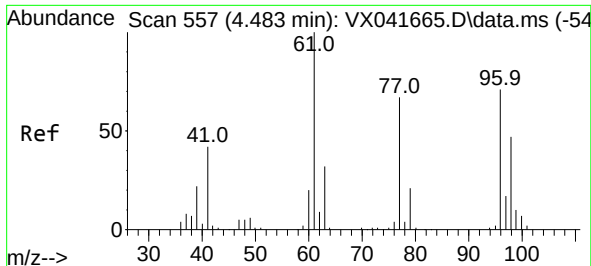
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#26
2,2-Dichloropropane
Concen: 5.076 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Tgt Ion: 77 Resp: 12535
Ion Ratio Lower Upper
77 100
97 21.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 5.252 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 1031

Ion Ratio Lower Upper

96 100

61 141.5 0.0 312.2

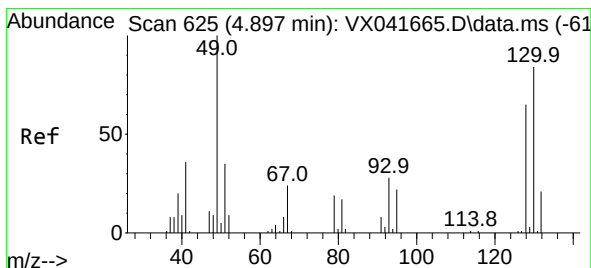
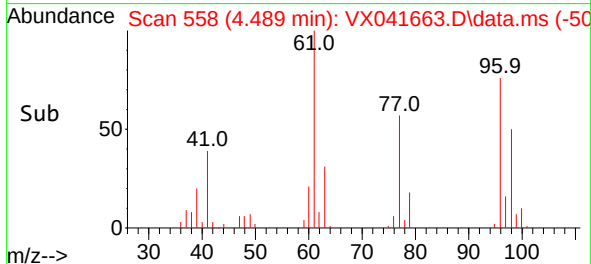
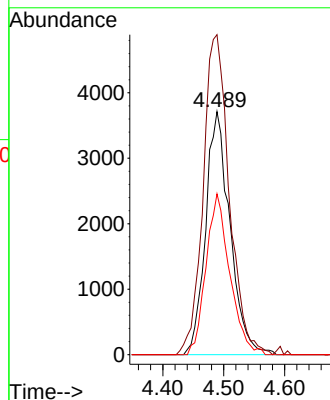
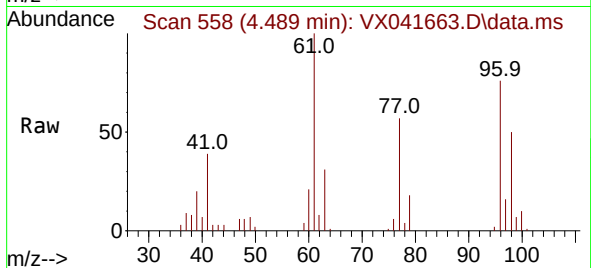
98 64.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#28

Bromochloromethane

Concen: 5.501 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

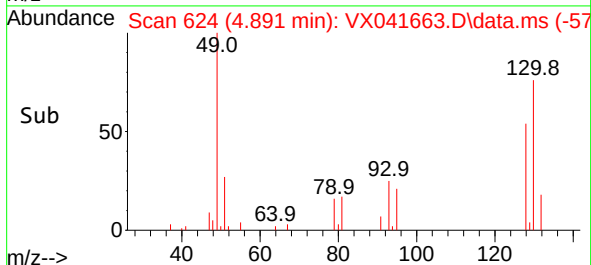
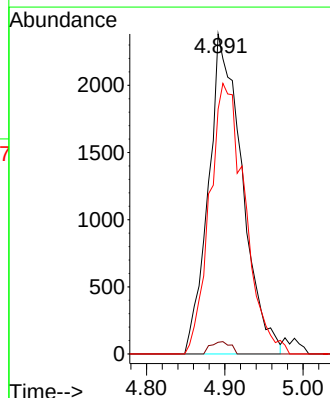
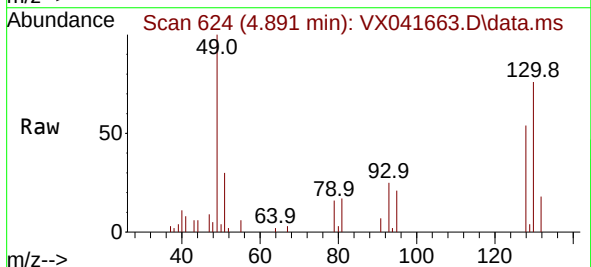
Tgt Ion: 49 Resp: 7130

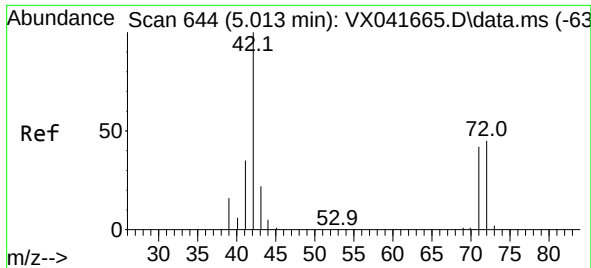
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 88.5 57.5 86.3#





#29

Tetrahydrofuran

Concen: 26.814 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

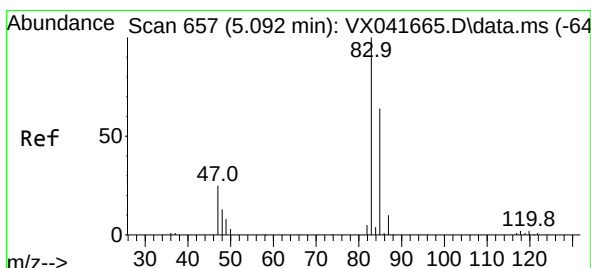
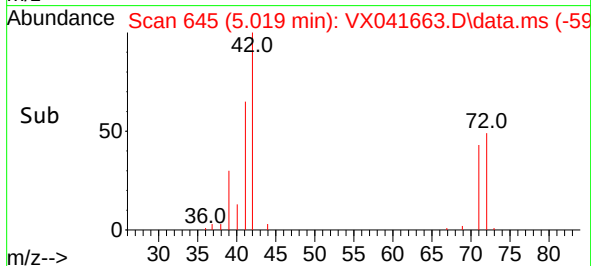
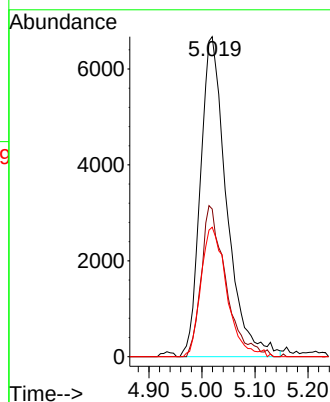
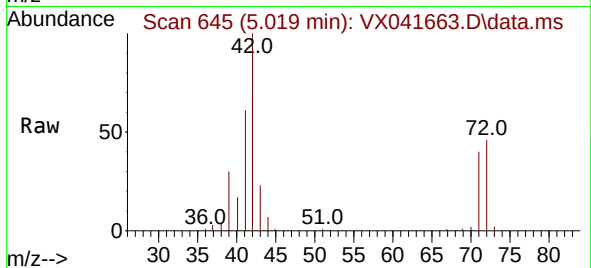
Tgt Ion: 42	Resp: 2289
Ion Ratio	Lower Upper
42 100	
72 44.3	34.2 51.4
71 40.0	32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#30

Chloroform

Concen: 5.357 ug/l

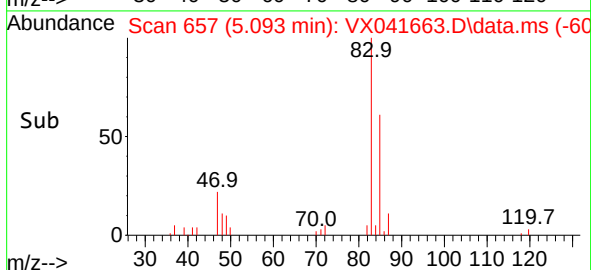
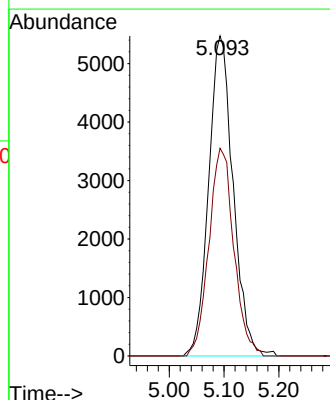
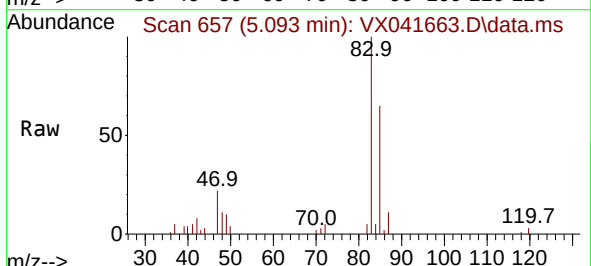
RT: 5.093 min Scan# 657

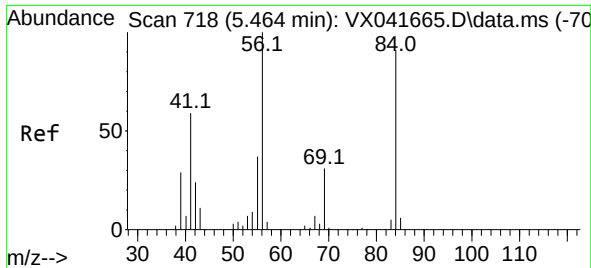
Delta R.T. 0.000 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

Tgt Ion: 83	Resp: 16928
Ion Ratio	Lower Upper
83 100	
85 64.9	50.3 75.5





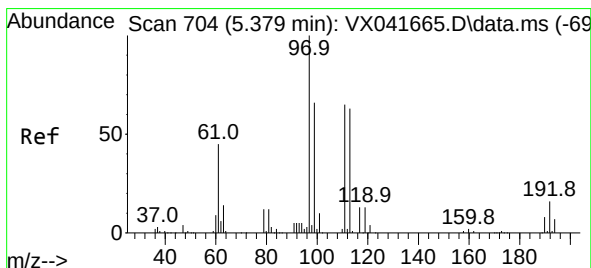
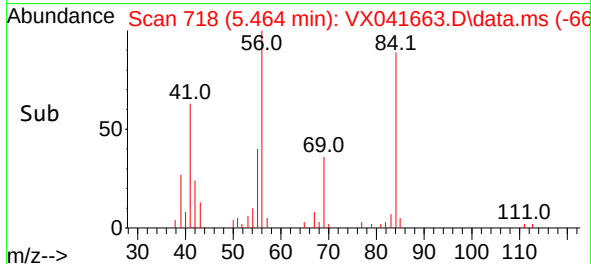
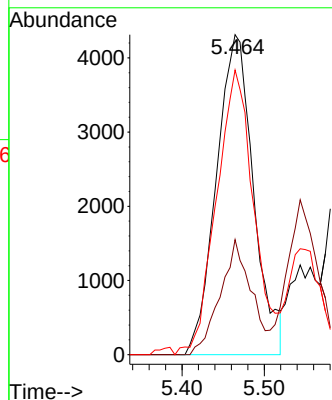
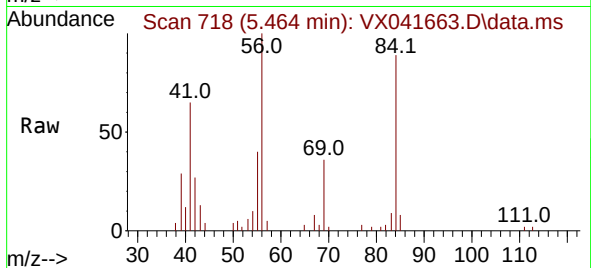
#31
Cyclohexane
Concen: 5.254 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 13512
Ion Ratio Lower Upper
56 100
69 36.0 23.4 35.2
84 86.8 65.9 98.9

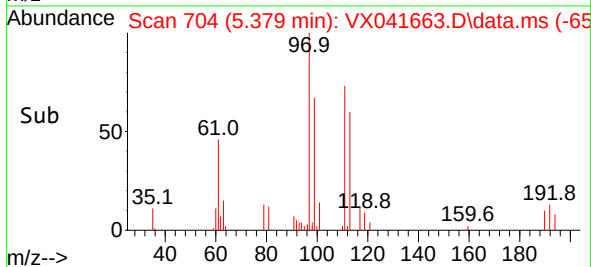
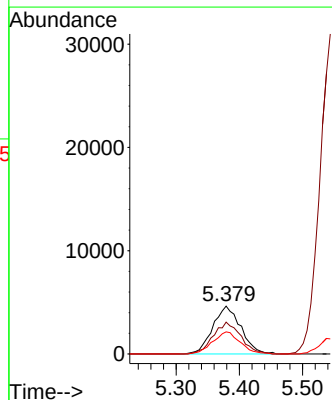
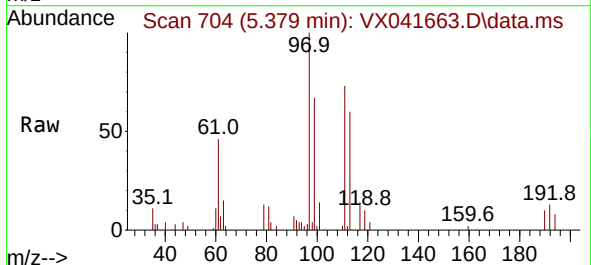
Manual Integrations
APPROVED

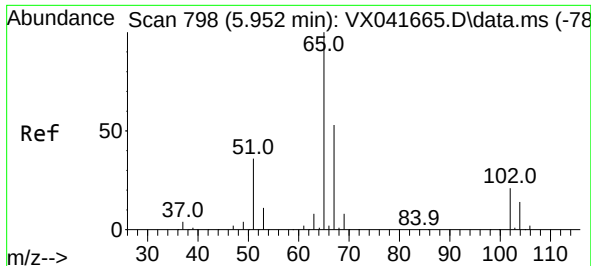
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#32
1,1,1-Trichloroethane
Concen: 5.142 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Tgt Ion: 97 Resp: 14239
Ion Ratio Lower Upper
97 100
99 65.4 51.1 76.7
61 45.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 6.059 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 13198

Ion Ratio Lower Upper

65 100

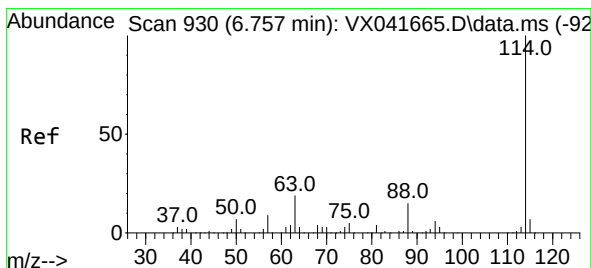
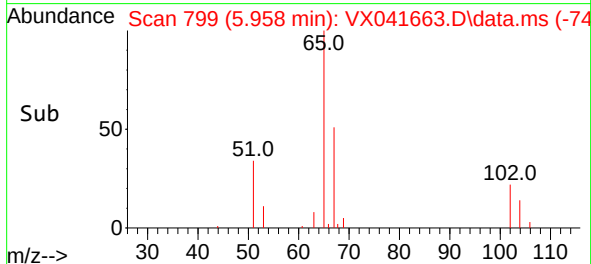
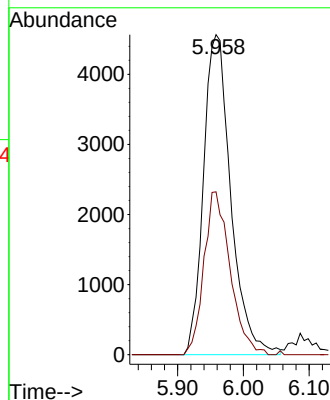
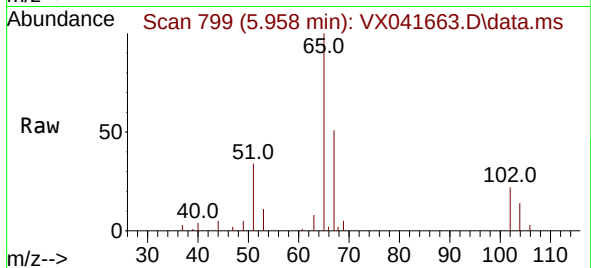
67 48.8 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

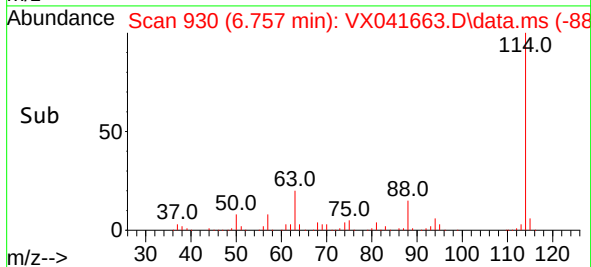
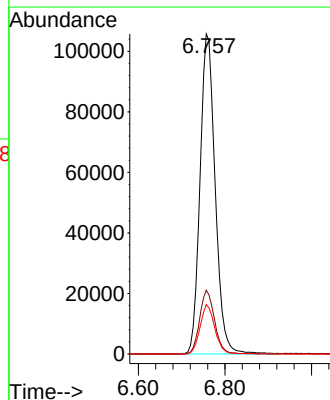
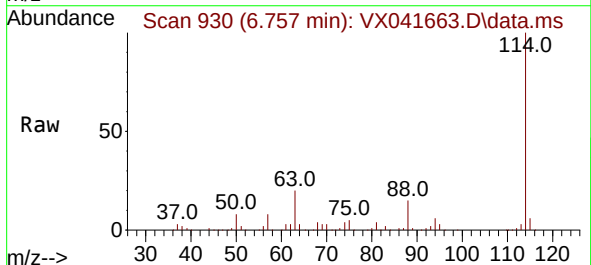
Tgt Ion:114 Resp: 257047

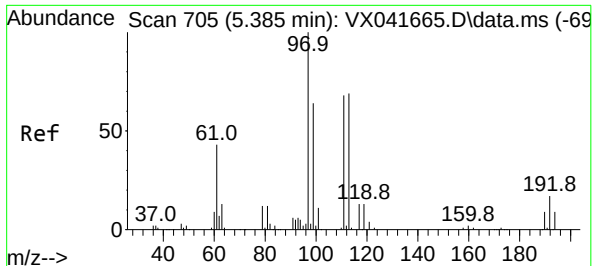
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 15.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 5.736 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 113 Resp: 10194

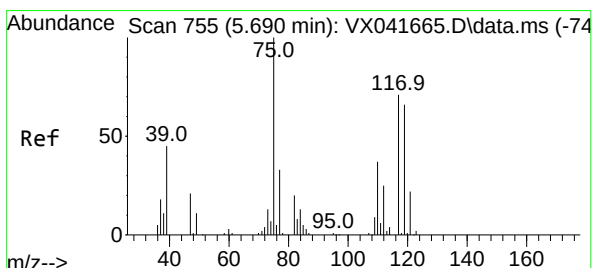
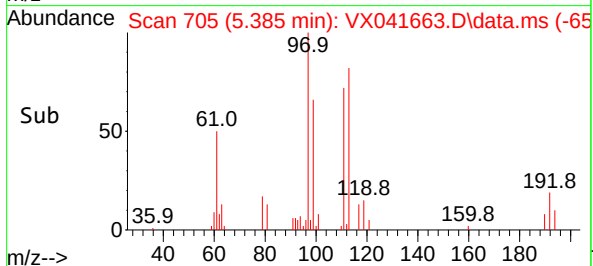
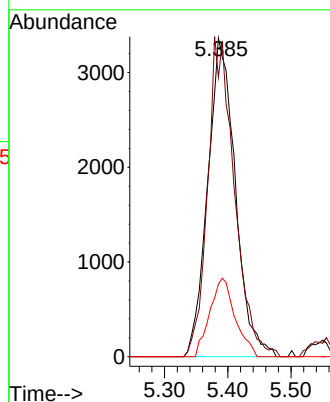
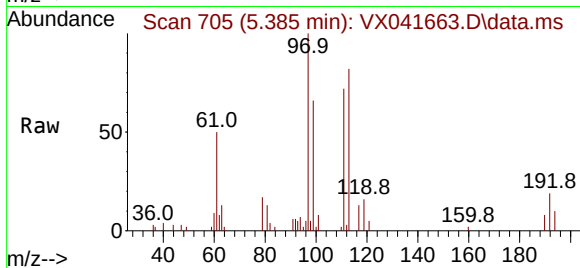
Ion	Ratio	Lower	Upper
113	100		
111	97.1	82.9	124.3
192	22.6	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#36

1,1-Dichloropropene

Concen: 5.222 ug/l

RT: 5.690 min Scan# 755

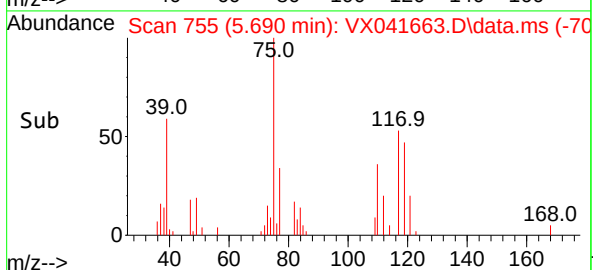
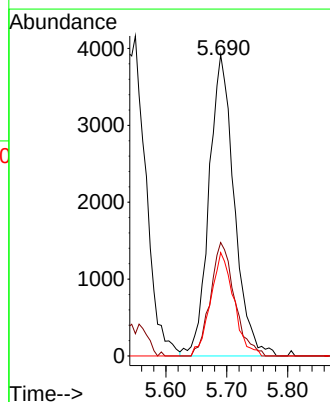
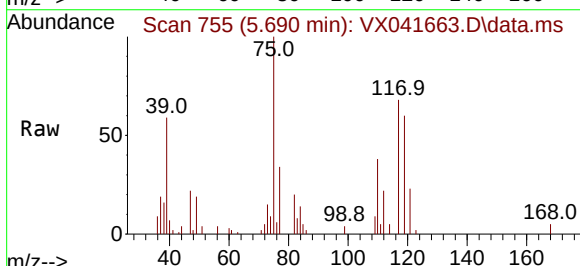
Delta R.T. 0.000 min

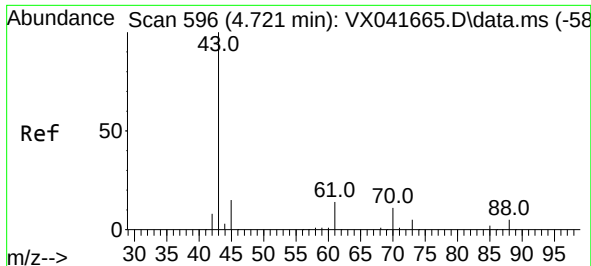
Lab File: VX041663.D

Acq: 29 May 2024 09:56

Tgt Ion: 75 Resp: 11238

Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.0	50.9
77	31.7	24.7	37.1





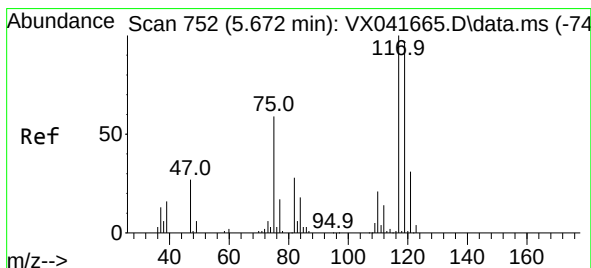
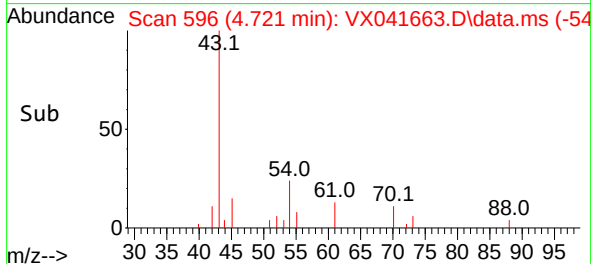
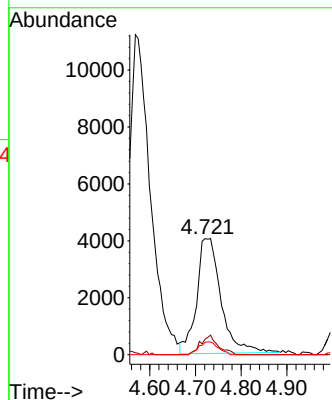
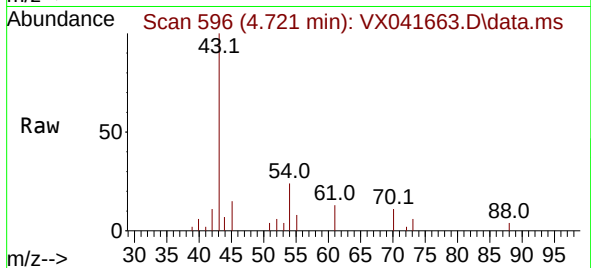
#37
Ethyl Acetate
Concen: 5.511 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 1496
Ion Ratio Lower Upper
43 100
61 12.1 10.6 16.0
70 8.8 8.3 12.5

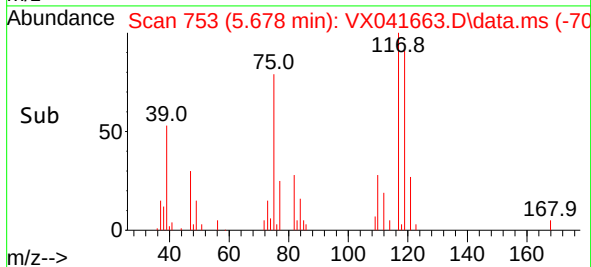
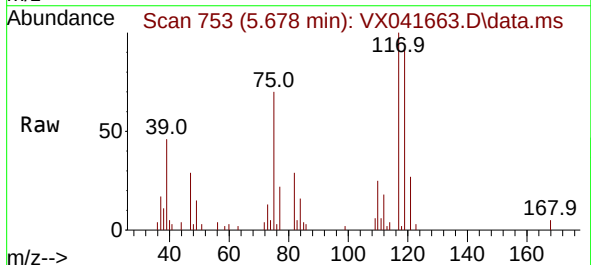
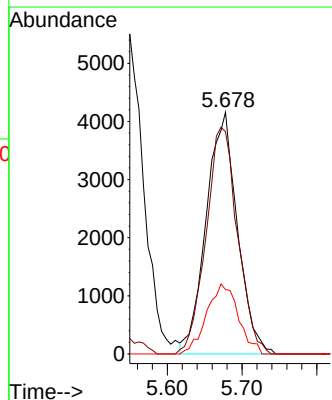
Manual Integrations
APPROVED

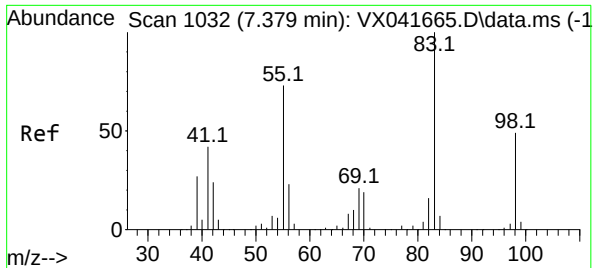
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#38
Carbon Tetrachloride
Concen: 4.936 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Tgt Ion:117 Resp: 12068
Ion Ratio Lower Upper
117 100
119 91.9 78.2 117.2
121 26.6 24.4 36.6





#39
Methylcyclohexane
Concen: 5.184 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

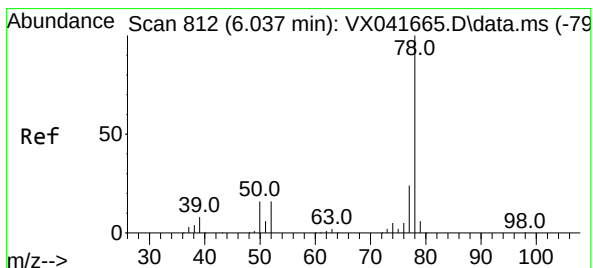
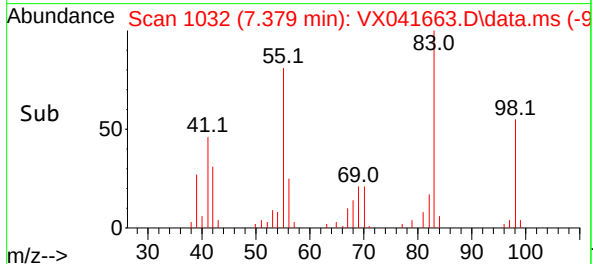
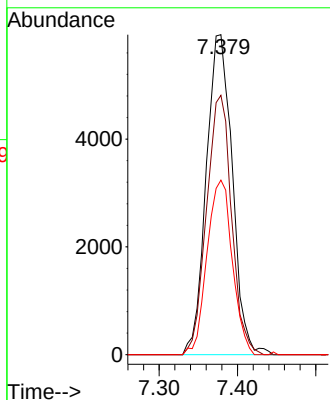
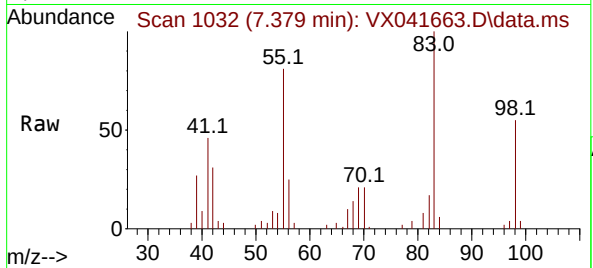
Tgt Ion: 83 Resp: 13704
Ion Ratio Lower Upper
83 100
55 81.1 64.6 97.0
98 54.6 36.7 55.1

Manual Integrations

APPROVED

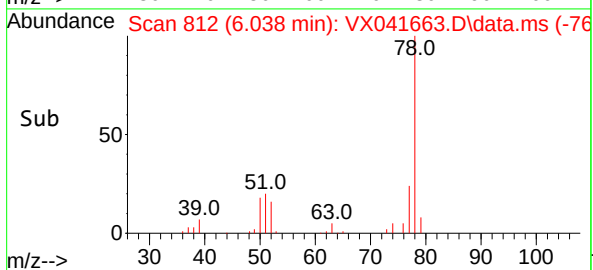
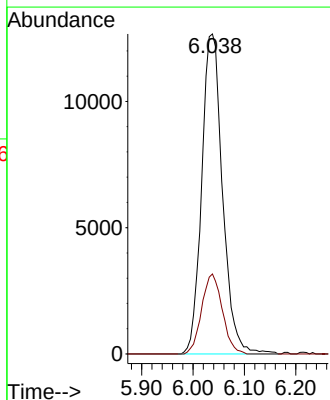
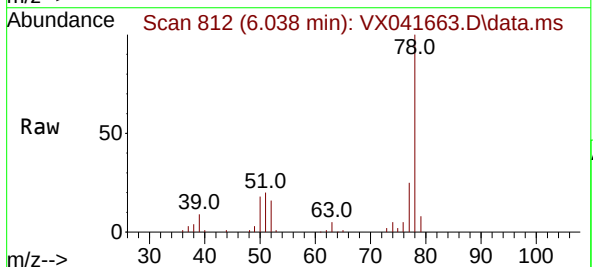
Reviewed By :John Carlone 05/30/2024

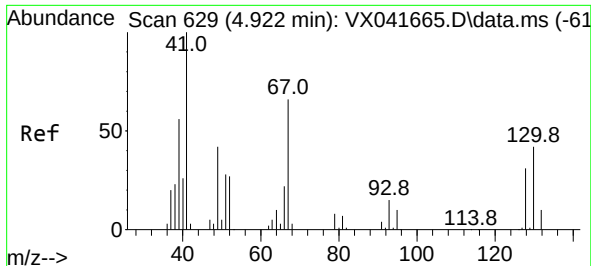
Supervised By :Semsettin Yesilyurt 05/30/2024



#40
Benzene
Concen: 5.303 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

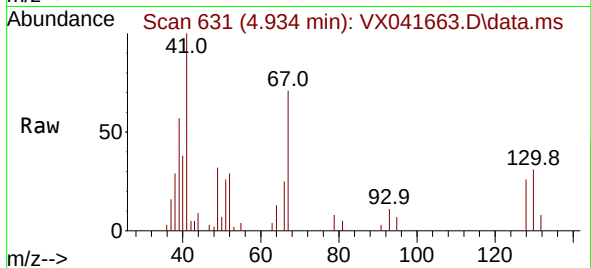
Tgt Ion: 78 Resp: 35671
Ion Ratio Lower Upper
78 100
77 25.0 19.3 28.9





#41
Methacrylonitrile
Concen: 5.061 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

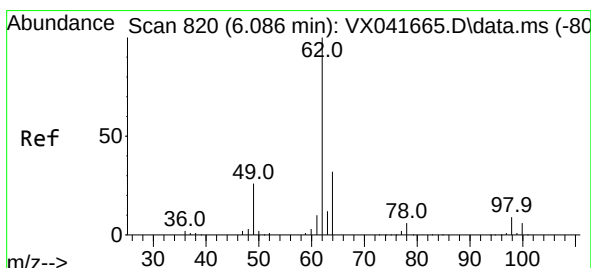
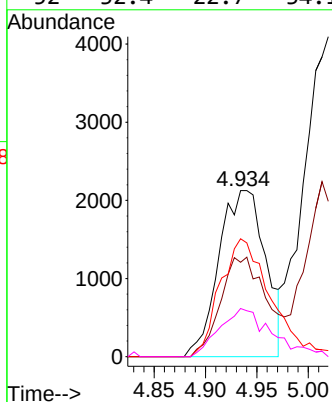
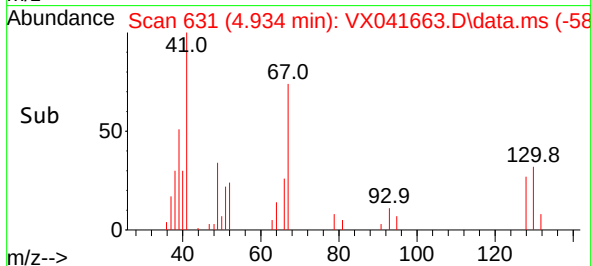
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:	41	Resp:	672
Ion	Ratio	Lower	Upper
41	100		
39	59.8	45.2	67.8
67	76.8	52.6	78.8
52	32.4	22.7	34.1

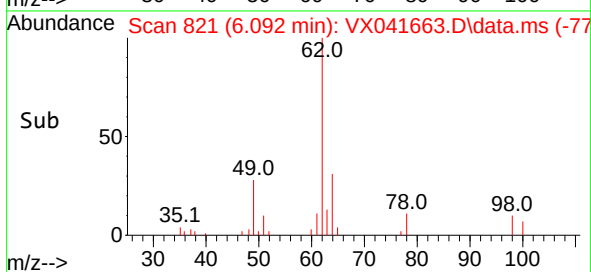
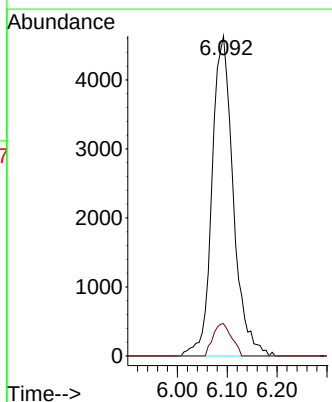
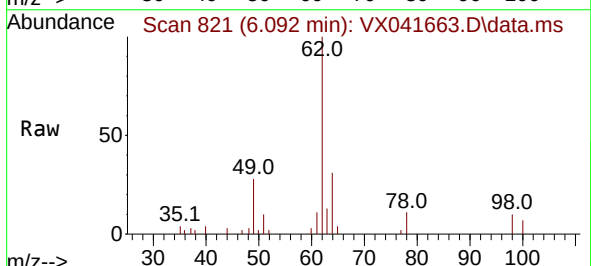
Manual Integrations
APPROVED

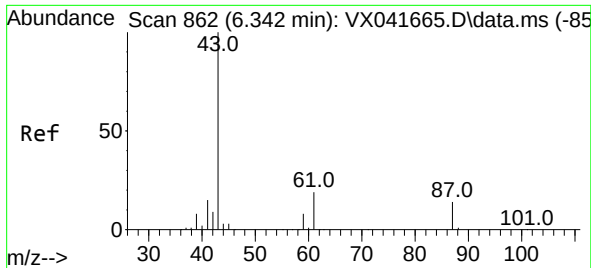
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#42
1,2-Dichloroethane
Concen: 5.466 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Tgt Ion:	62	Resp:	13725
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.0





#43

Isopropyl Acetate

Concen: 5.256 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

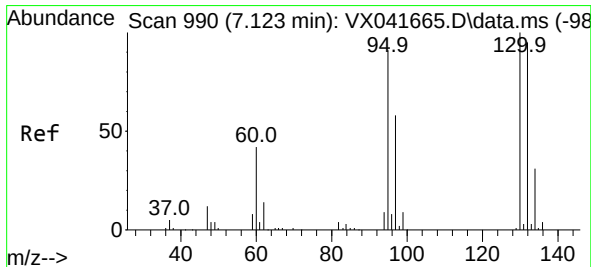
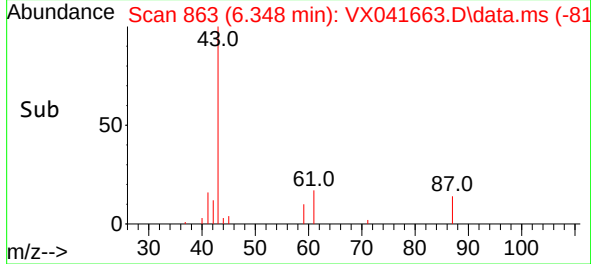
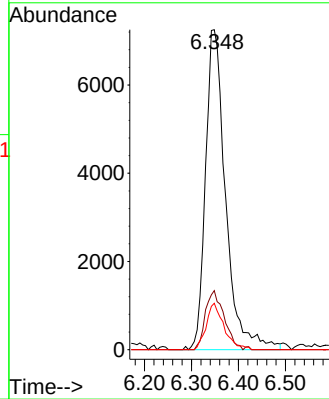
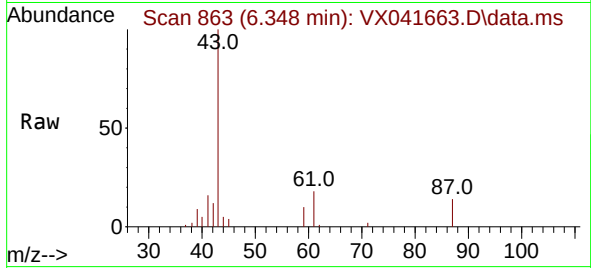
Tgt Ion:	43	Resp:	21550
Ion	Ratio	Lower	Upper
43	100		
61	17.1	15.2	22.8
87	12.8	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#44

Trichloroethene

Concen: 5.203 ug/l

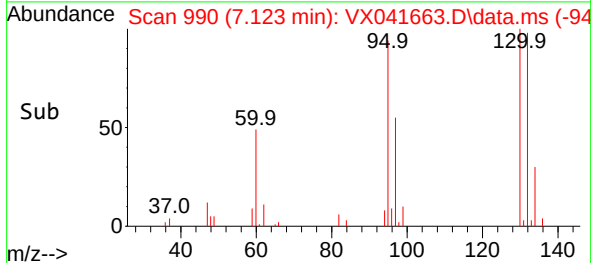
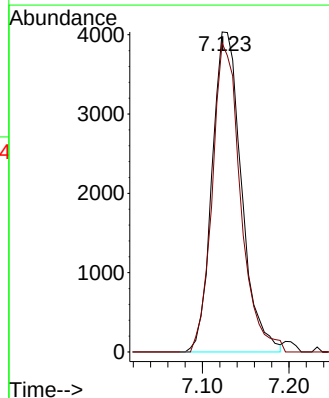
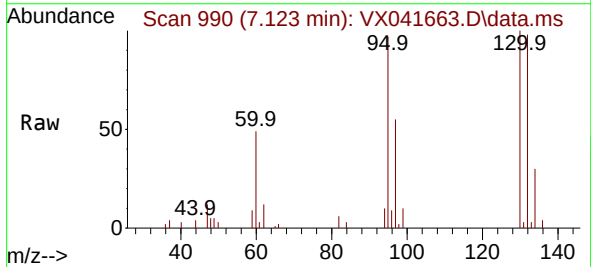
RT: 7.123 min Scan# 990

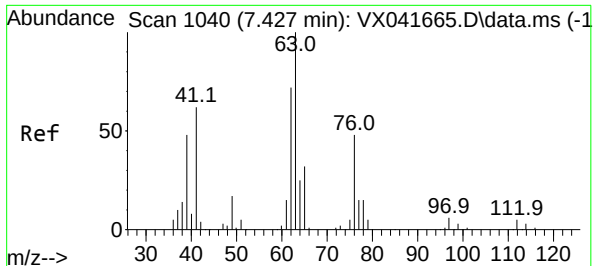
Delta R.T. 0.000 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

Tgt Ion:	130	Resp:	9519
Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	204.4





#45

1,2-Dichloropropane

Concen: 5.309 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 849

Ion Ratio Lower Upper

63 100

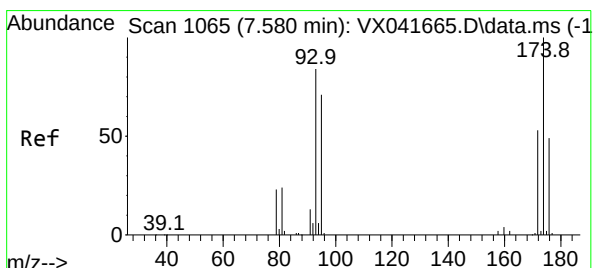
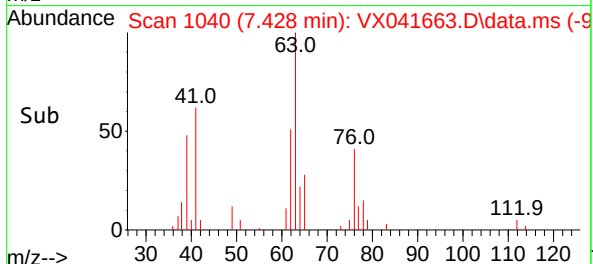
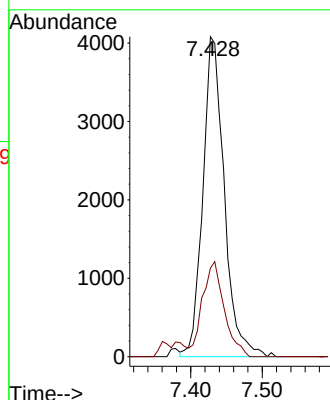
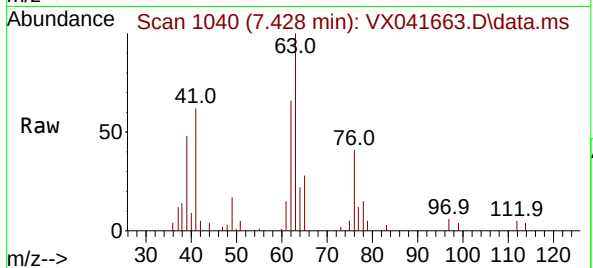
65 27.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#46

Dibromomethane

Concen: 5.221 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

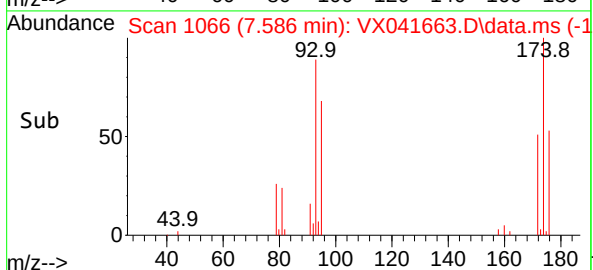
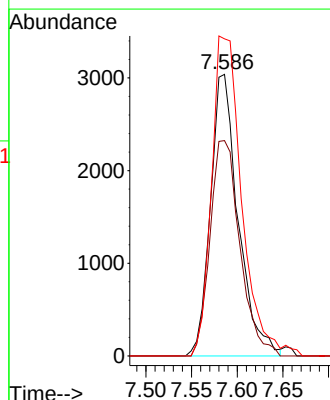
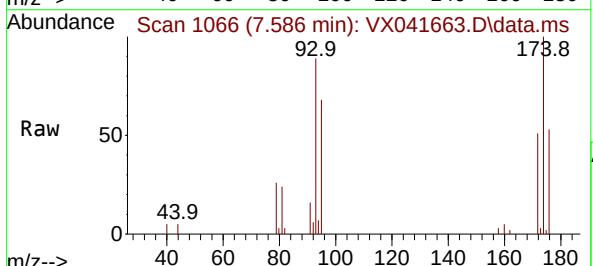
Tgt Ion: 93 Resp: 6404

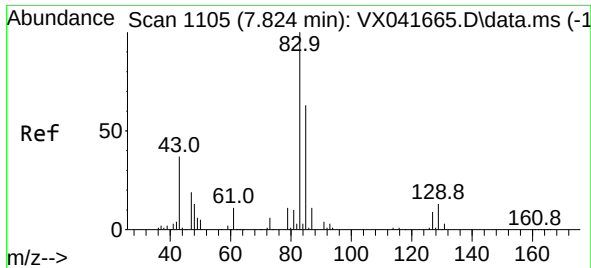
Ion Ratio Lower Upper

93 100

95 82.2 66.6 100.0

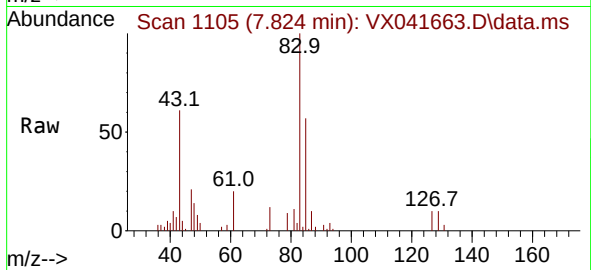
174 124.2 69.4 104.0#





#47
Bromodichloromethane
Concen: 4.767 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

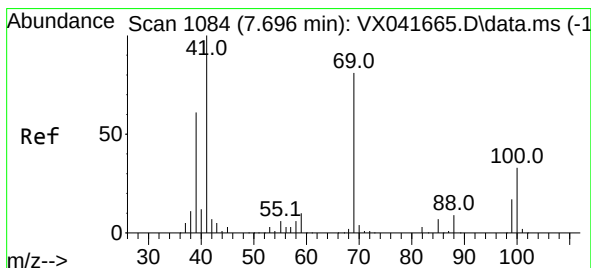
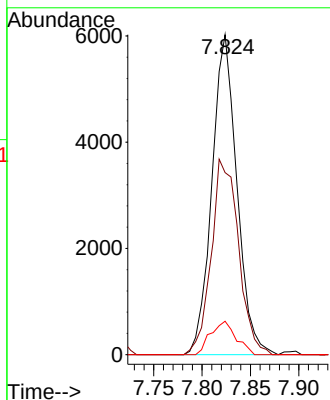
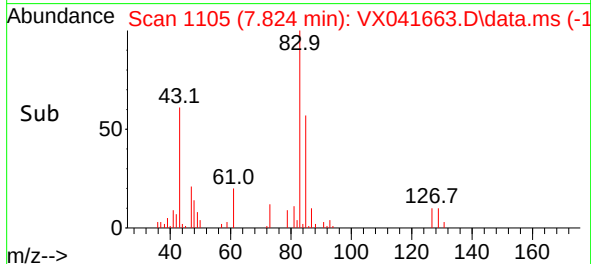
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



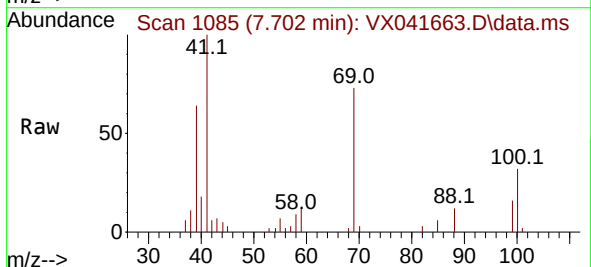
Tgt Ion: 83 Resp: 10828
Ion Ratio Lower Upper
83 100
85 56.9 49.8 74.6
127 10.4 7.1 10.7

Manual Integrations
APPROVED

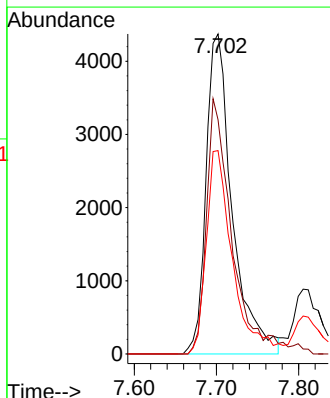
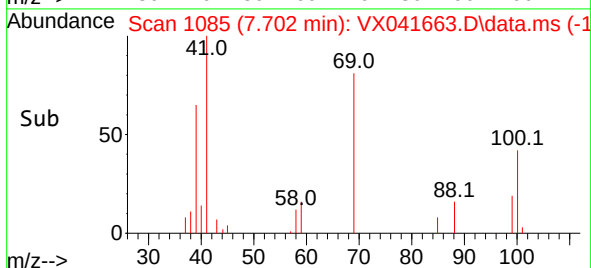
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

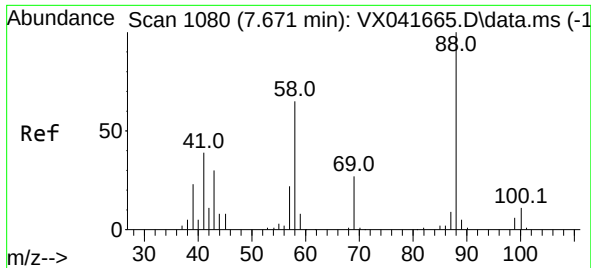


#48
Methyl methacrylate
Concen: 4.913 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56



Tgt Ion: 41 Resp: 9675
Ion Ratio Lower Upper
41 100
69 78.5 59.2 88.8
39 64.0 47.7 71.5





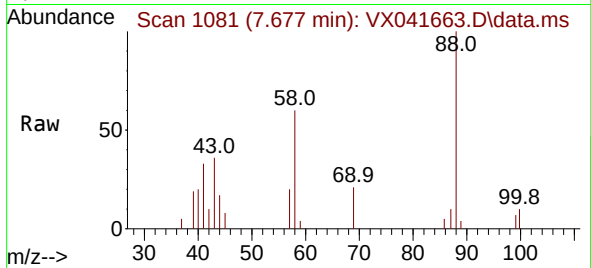
#49
1,4-Dioxane
Concen: 108.384 ug/l
RT: 7.677 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



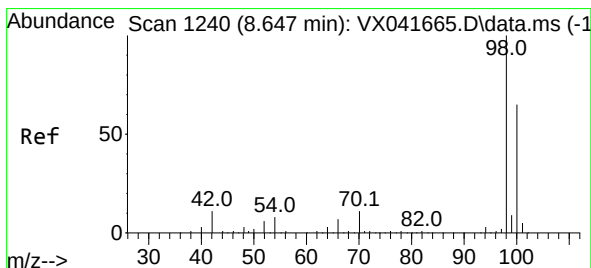
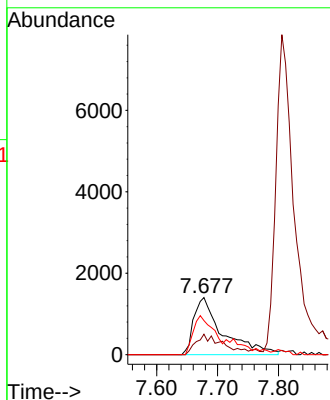
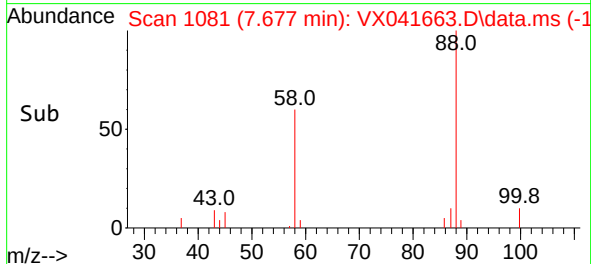
Tgt Ion: 88 Resp: 466
Ion Ratio Lower Upper
88 100
43 33.2 0.0 0.0
58 47.4 60.1 90.1

Manual Integrations

APPROVED

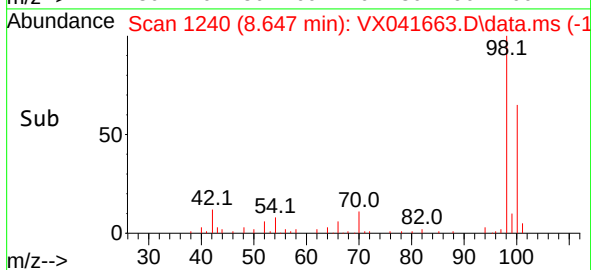
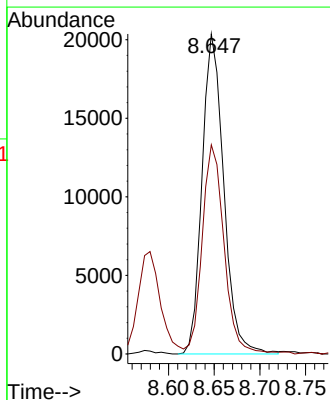
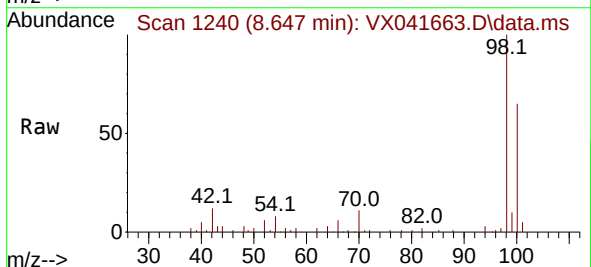
Reviewed By :John Carlone 05/30/2024

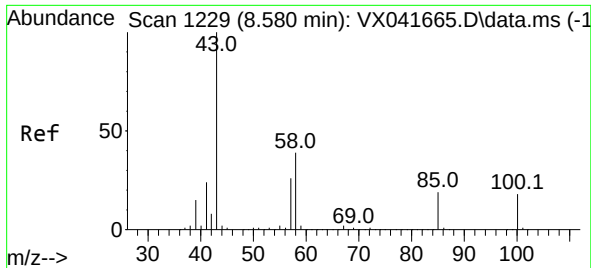
Supervised By :Semsettin Yesilyurt 05/30/2024



#50
Toluene-d8
Concen: 5.421 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Tgt Ion: 98 Resp: 33661
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7





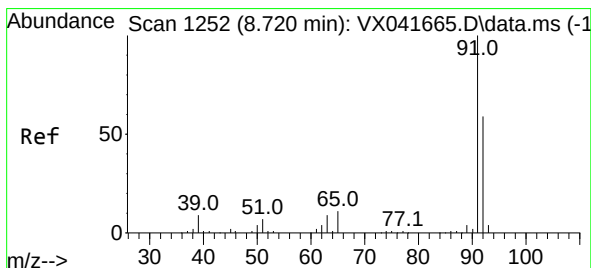
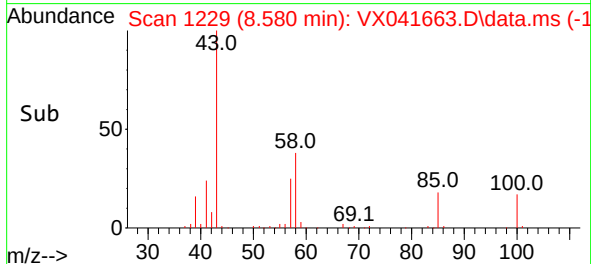
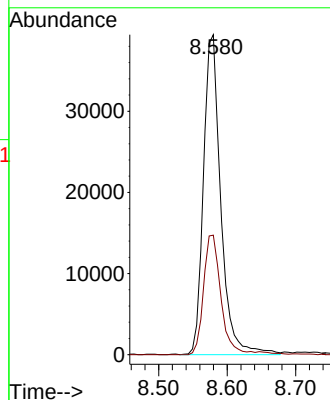
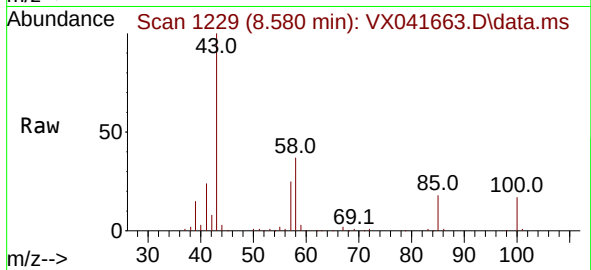
#51
4-Methyl-2-Pentanone
Concen: 26.171 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 6958
Ion Ratio Lower Upper
43 100
58 38.1 30.4 45.6

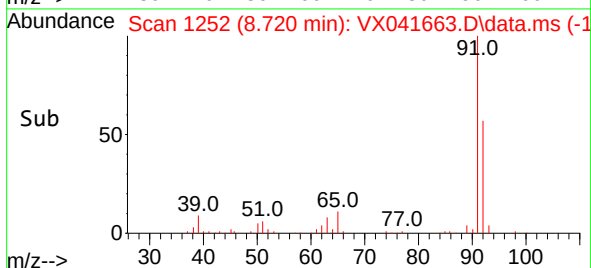
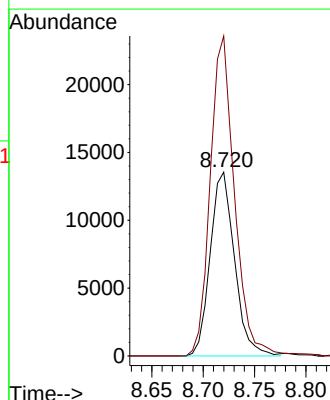
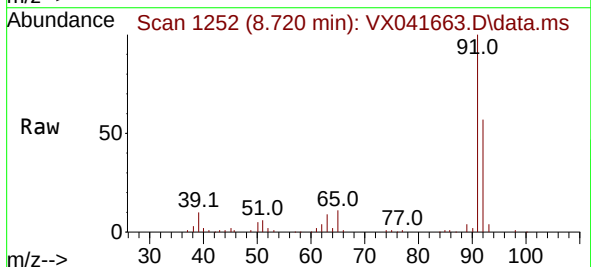
Manual Integrations
APPROVED

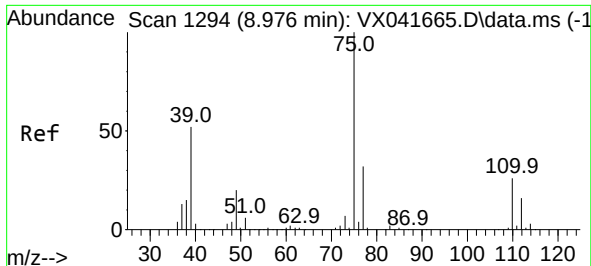
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#52
Toluene
Concen: 5.239 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Tgt Ion: 92 Resp: 22364
Ion Ratio Lower Upper
92 100
91 173.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 4.757 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 10634

Ion Ratio Lower Upper

75 100

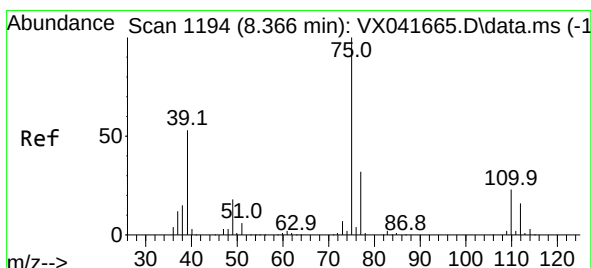
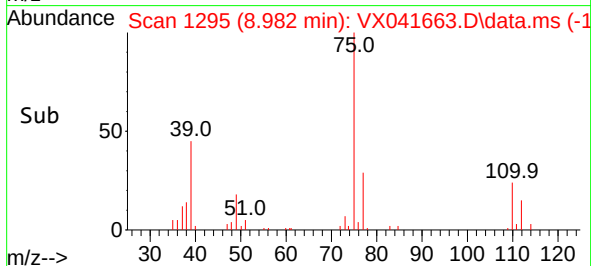
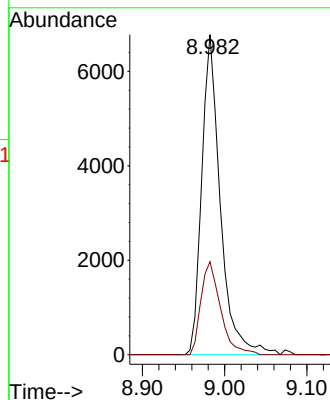
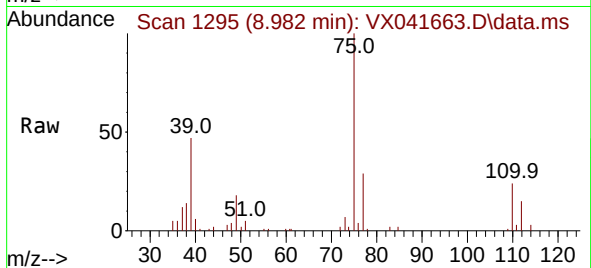
77 29.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#54

cis-1,3-Dichloropropene

Concen: 4.773 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

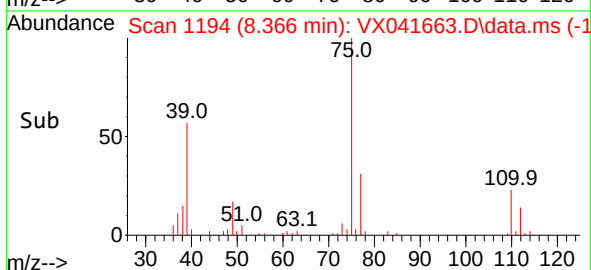
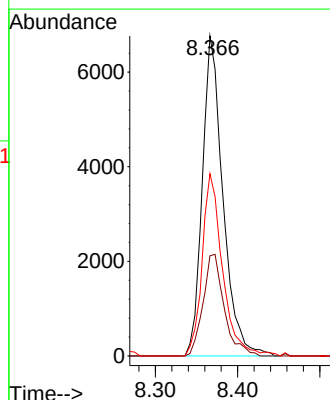
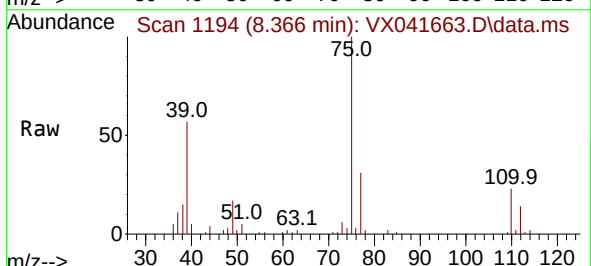
Tgt Ion: 75 Resp: 11805

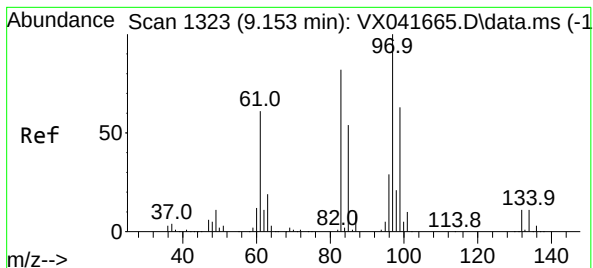
Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

39 57.0 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 5.173 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

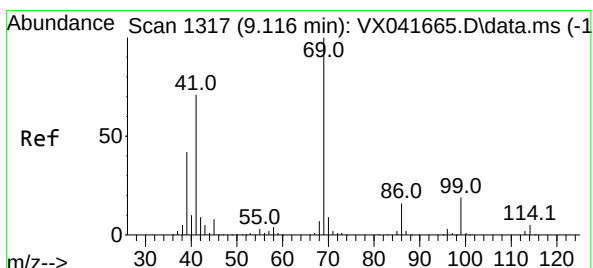
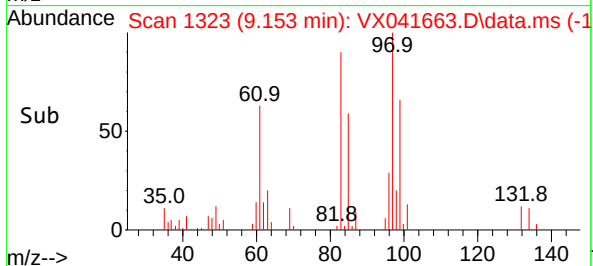
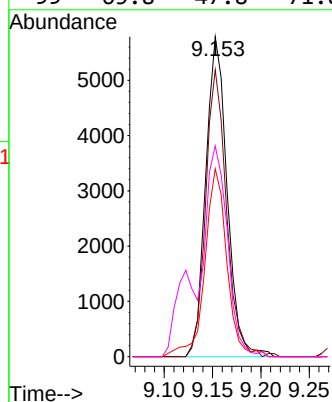
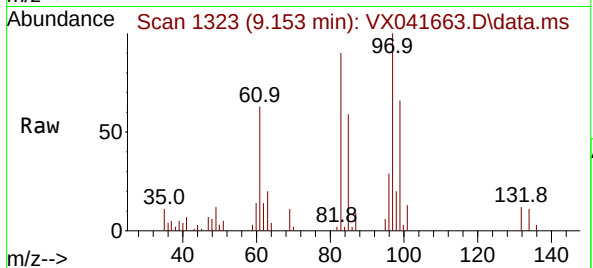
Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.7	65.8	98.8
85	58.7	41.6	62.4
99	65.8	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#56

Ethyl methacrylate

Concen: 4.956 ug/l

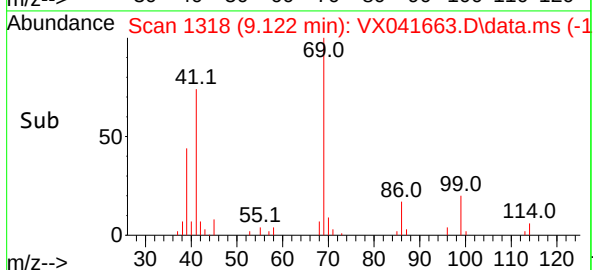
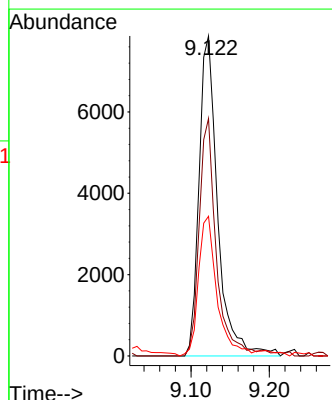
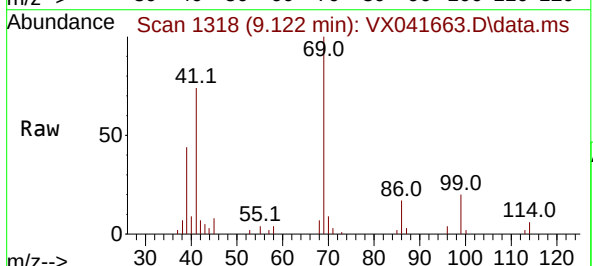
RT: 9.122 min Scan# 1318

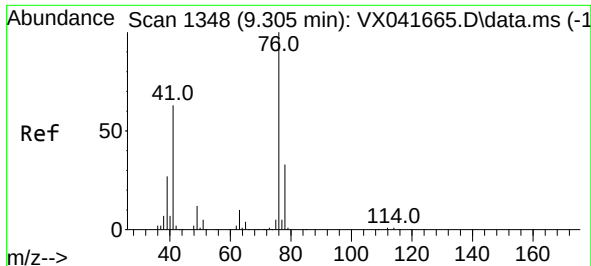
Delta R.T. 0.006 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.9	56.8	85.2
39	43.4	32.0	48.0





#57

1,3-Dichloropropane

Concen: 5.439 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 15539

Ion Ratio Lower Upper

76 100

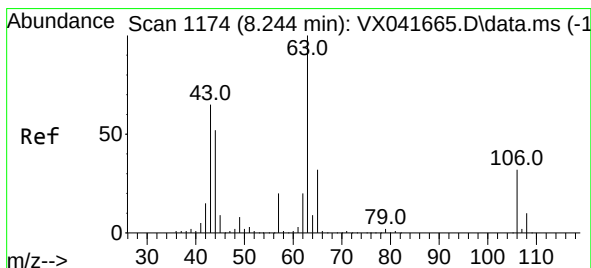
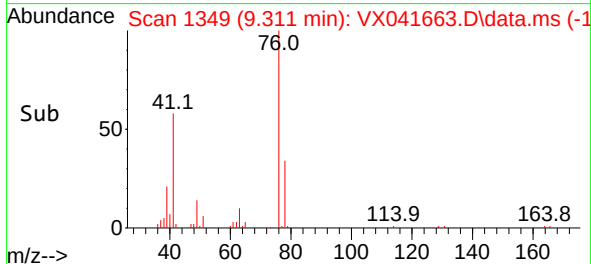
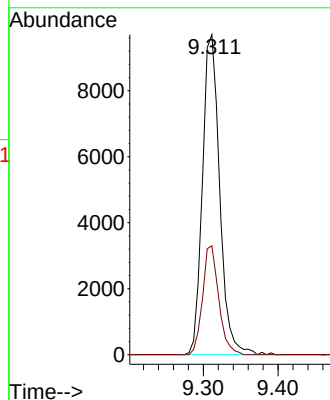
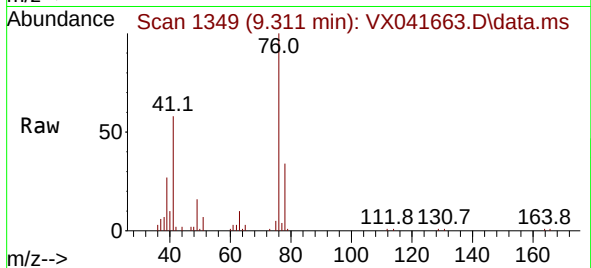
78 31.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#58

2-Chloroethyl Vinyl ether

Concen: 25.643 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX041663.D

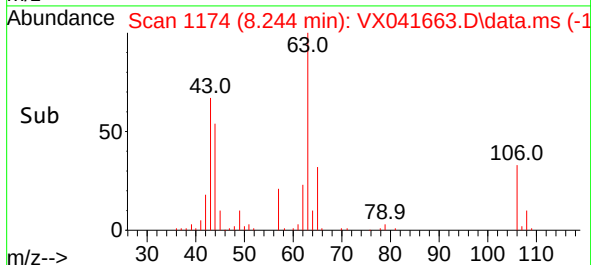
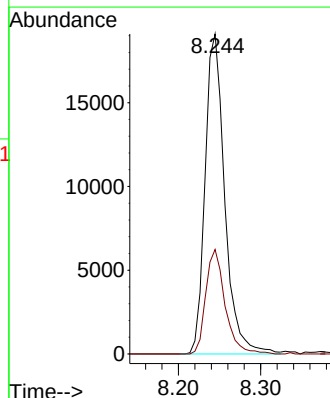
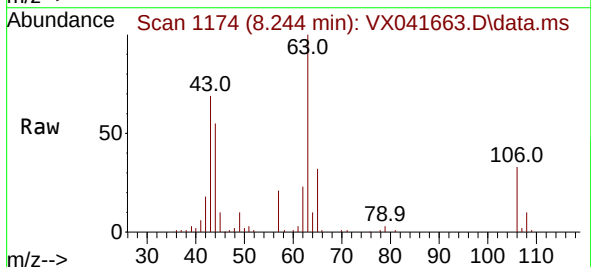
Acq: 29 May 2024 09:56

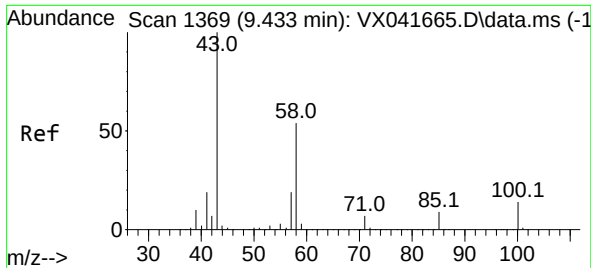
Tgt Ion: 63 Resp: 31708

Ion Ratio Lower Upper

63 100

106 32.1 22.5 33.7





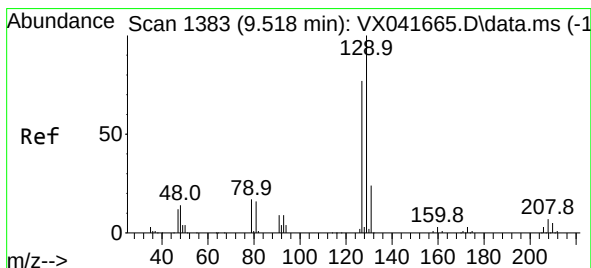
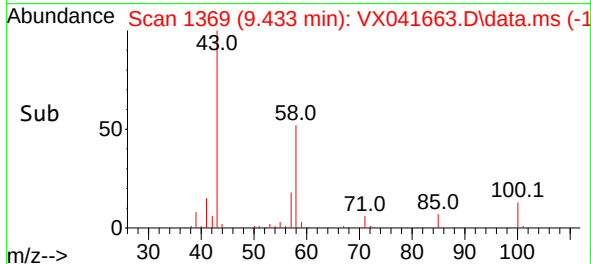
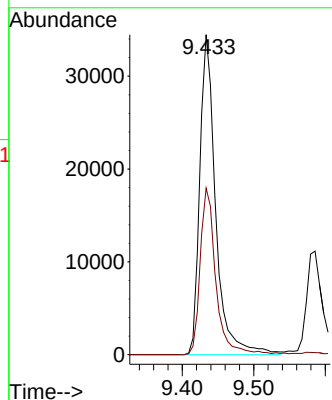
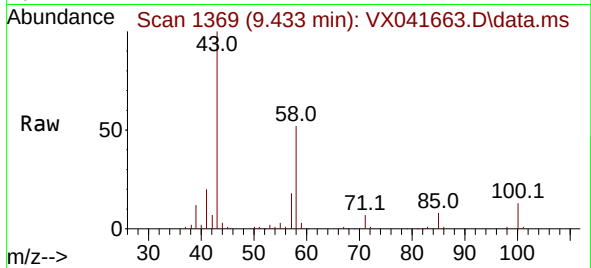
#59
2-Hexanone
Concen: 26.240 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 53192
Ion Ratio Lower Upper
43 100
58 51.1 26.2 78.5

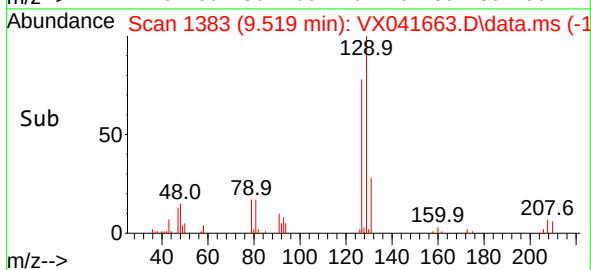
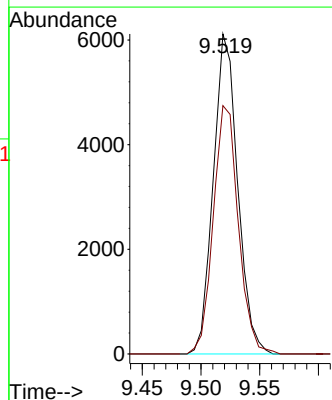
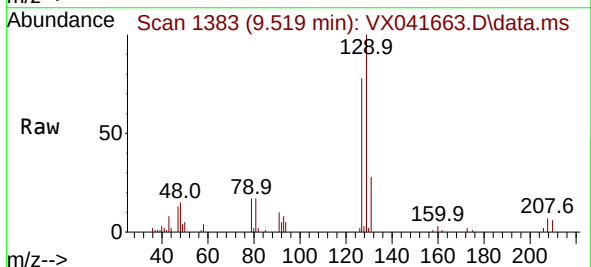
Manual Integrations
APPROVED

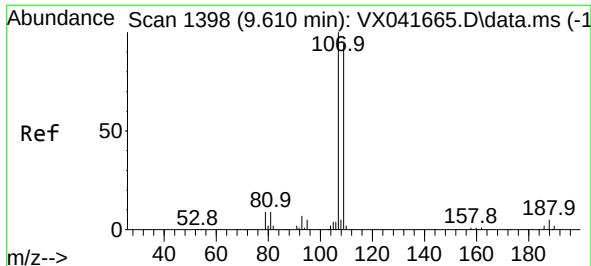
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#60
Dibromochloromethane
Concen: 4.624 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

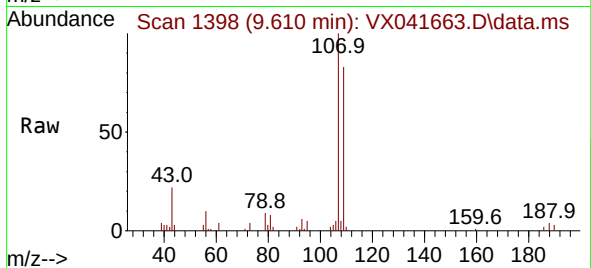
Tgt Ion:129 Resp: 8826
Ion Ratio Lower Upper
129 100
127 79.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 5.146 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

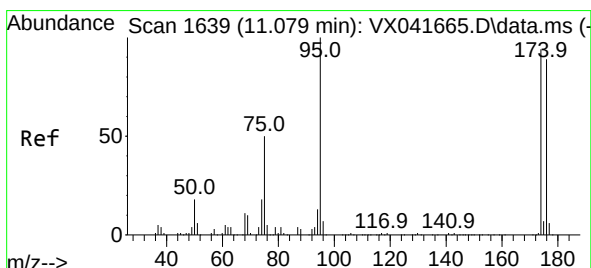
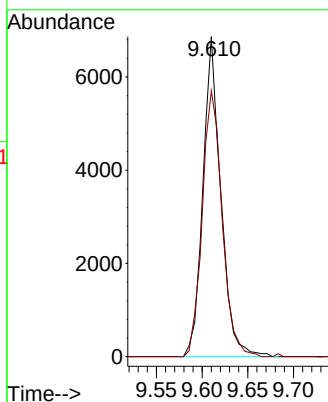
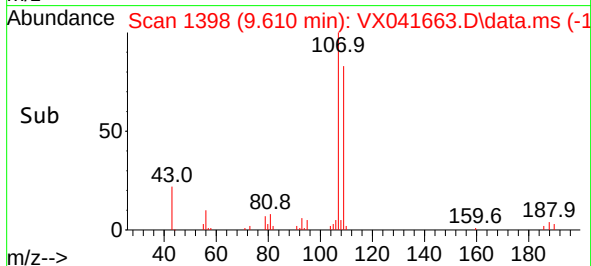
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



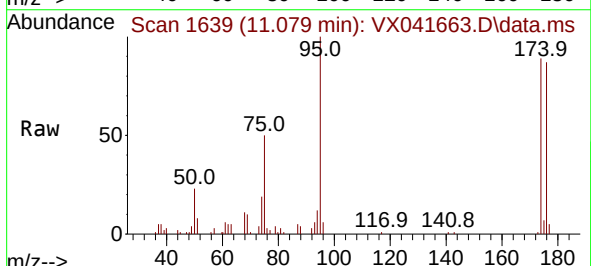
Tgt Ion:107 Resp: 9340
Ion Ratio Lower Upper
107 100
109 92.4 75.2 112.8

Manual Integrations
APPROVED

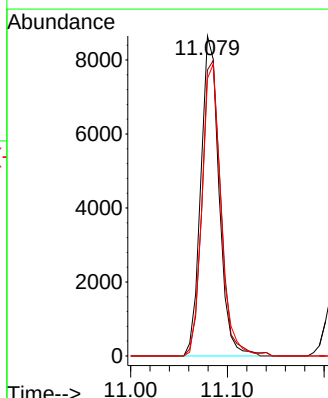
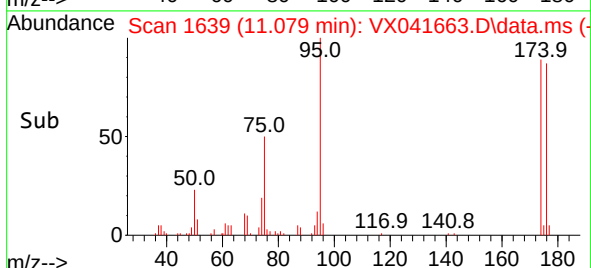
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

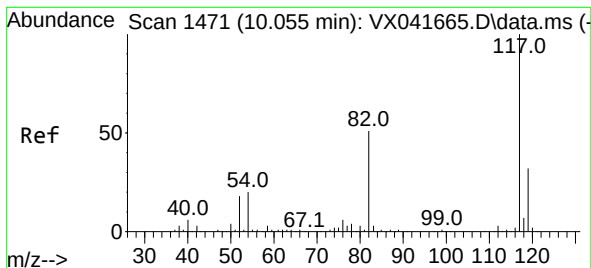


#62
4-Bromofluorobenzene
Concen: 4.970 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56



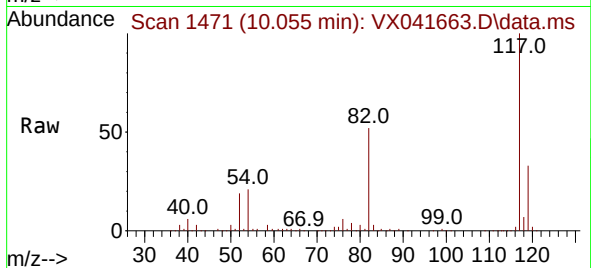
Tgt Ion: 95 Resp: 11390
Ion Ratio Lower Upper
95 100
174 94.7 0.0 135.6
176 93.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

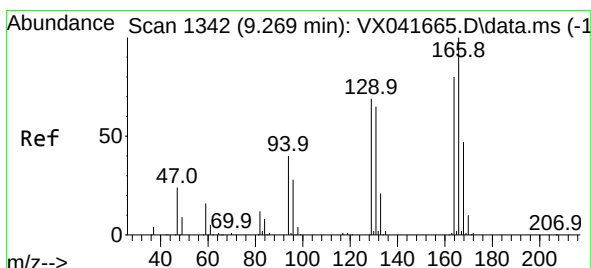
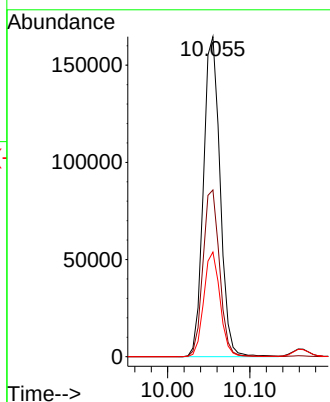
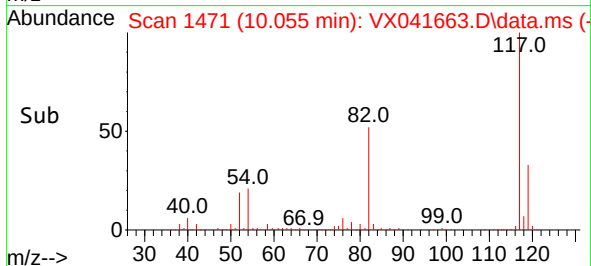
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 231715
Ion Ratio Lower Upper
117 100
82 52.1 46.2 69.4
119 32.7 25.5 38.3

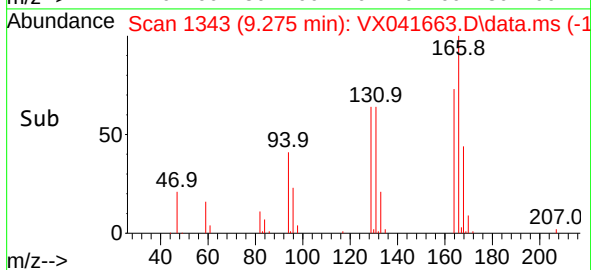
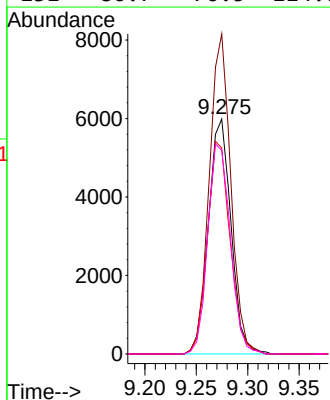
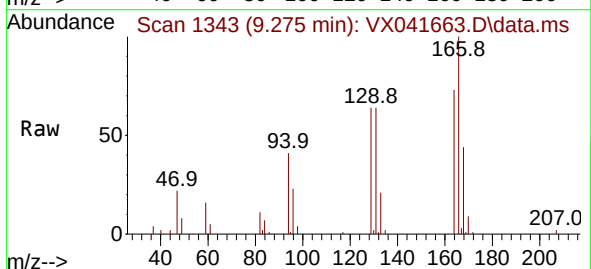
Manual Integrations
APPROVED

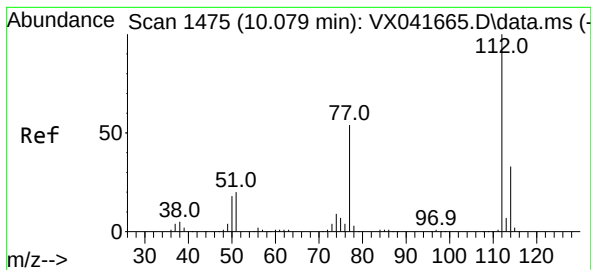
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#64
Tetrachloroethene
Concen: 5.280 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Tgt Ion:164 Resp: 9169
Ion Ratio Lower Upper
164 100
166 136.2 102.7 154.1
129 87.7 80.4 120.6
131 86.7 76.5 114.7





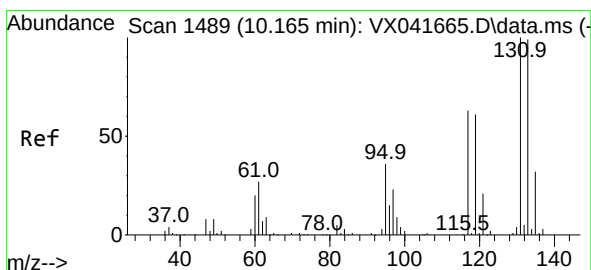
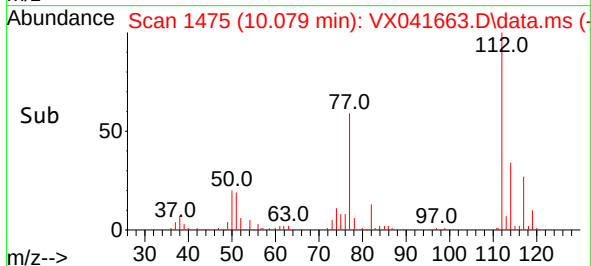
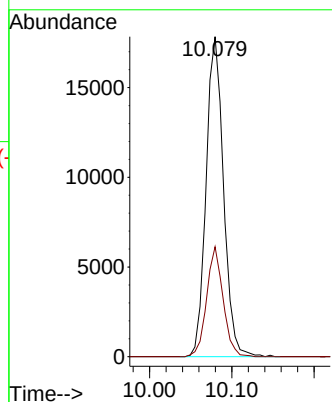
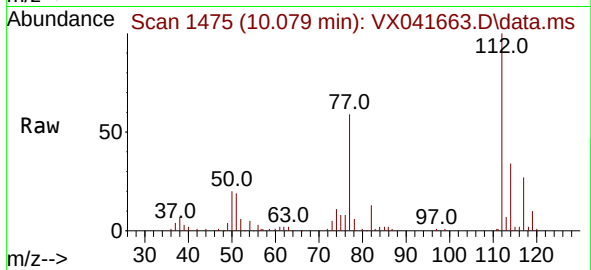
#65
Chlorobenzene
Concen: 5.280 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 2625
Ion Ratio Lower Upper
112 100
114 34.4 25.7 38.5

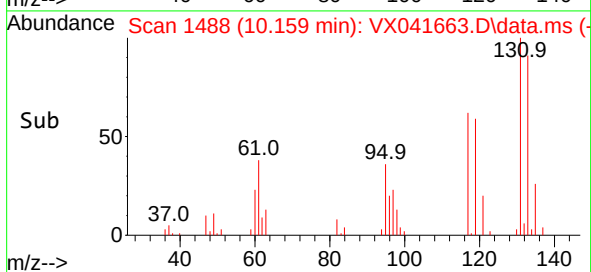
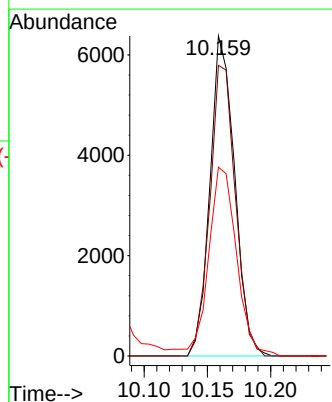
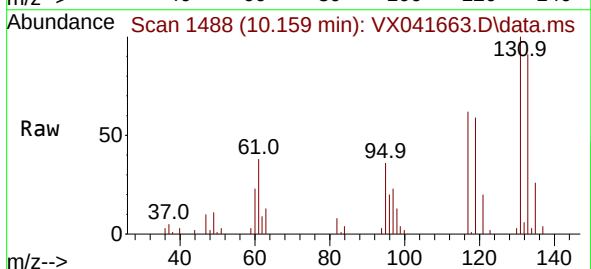
Manual Integrations
APPROVED

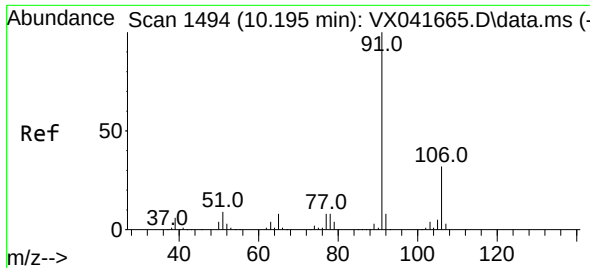
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 5.005 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

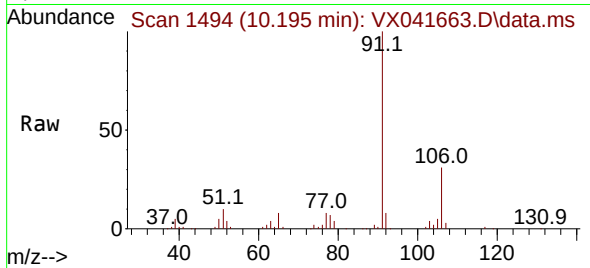
Tgt Ion:131 Resp: 8637
Ion Ratio Lower Upper
131 100
133 94.4 47.1 141.4
119 66.7 32.2 96.6





#67
Ethyl Benzene
Concen: 5.227 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

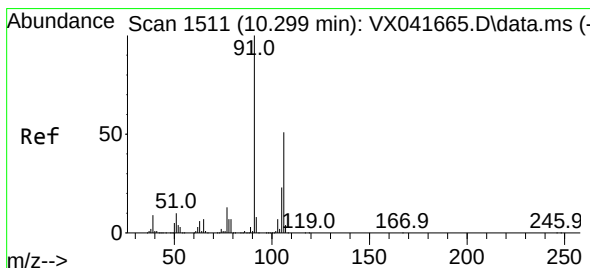
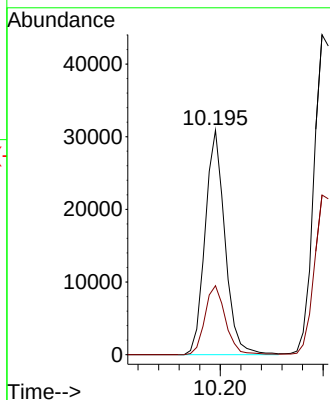
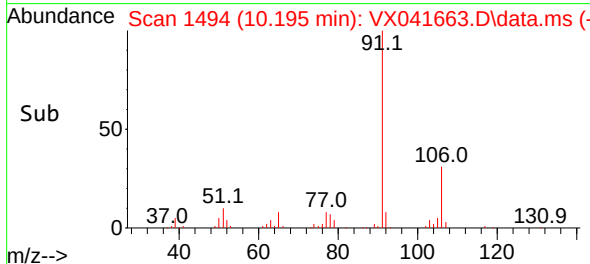
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



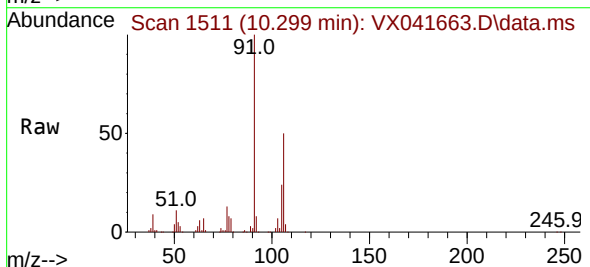
Tgt Ion: 91 Resp: 41420
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3

Manual Integrations
APPROVED

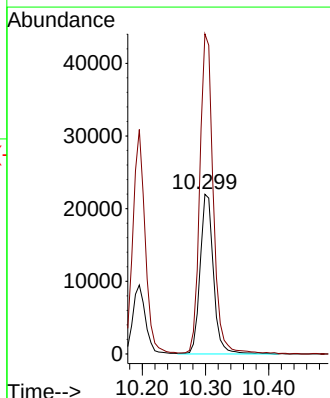
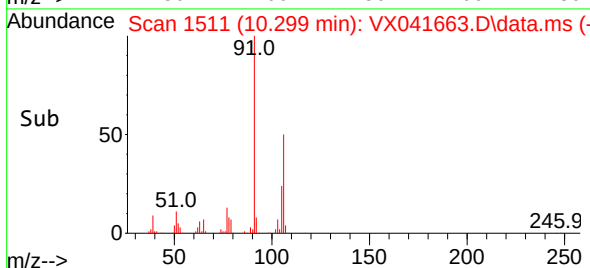
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

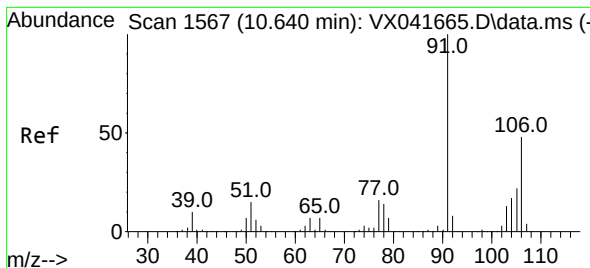


#68
m/p-Xylenes
Concen: 10.252 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56



Tgt Ion:106 Resp: 32323
Ion Ratio Lower Upper
106 100
91 199.4 165.5 248.3





#69

o-Xylene

Concen: 5.185 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion:106 Resp: 1626

Ion Ratio Lower Upper

106 100

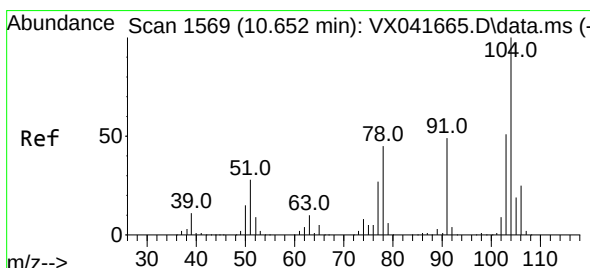
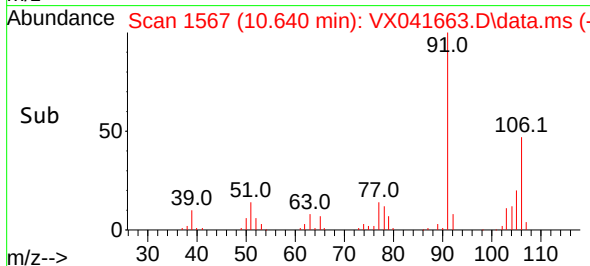
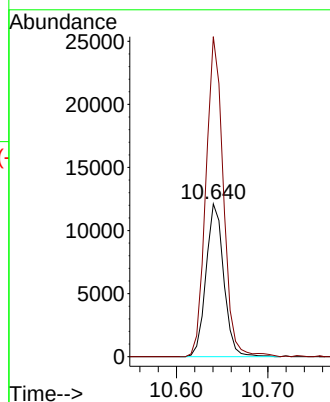
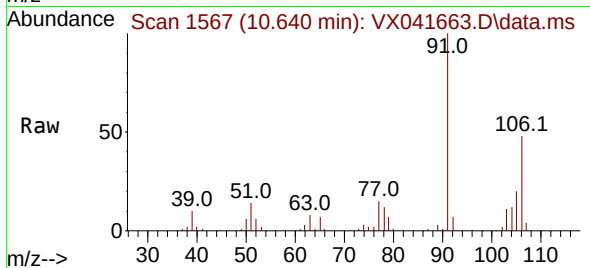
91 206.0 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#70

Styrene

Concen: 4.999 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

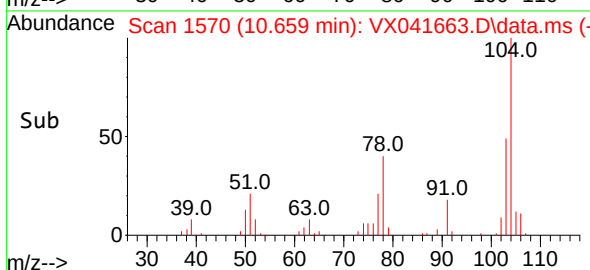
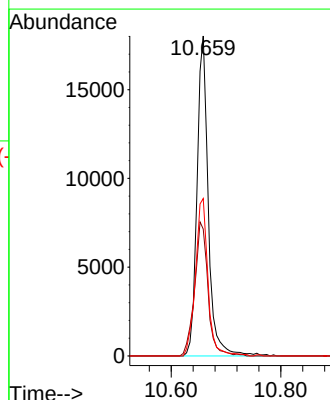
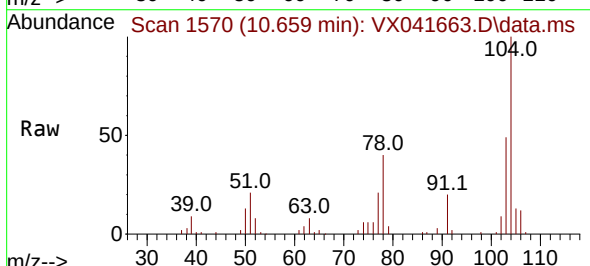
Tgt Ion:104 Resp: 25895

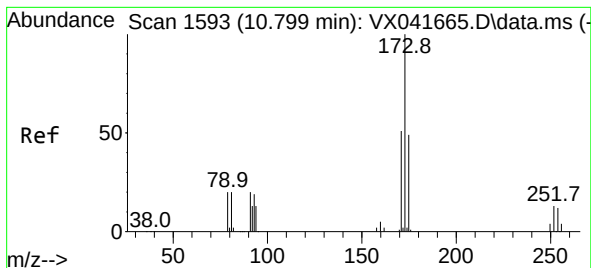
Ion Ratio Lower Upper

104 100

78 49.4 43.6 65.4

103 54.8 43.6 65.4





#71

Bromoform

Concen: 4.466 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

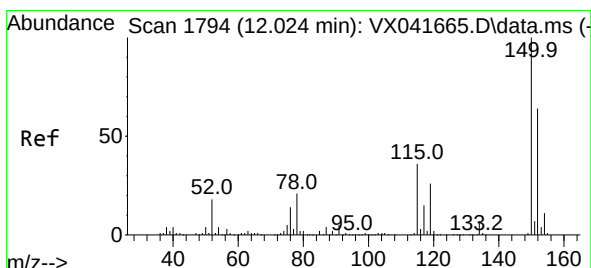
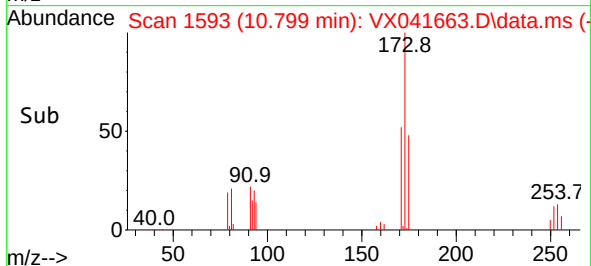
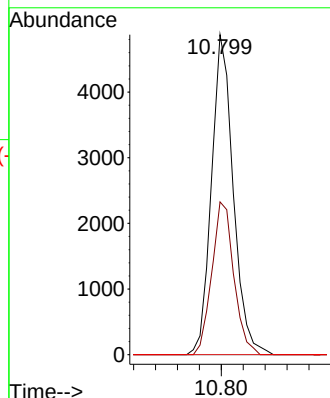
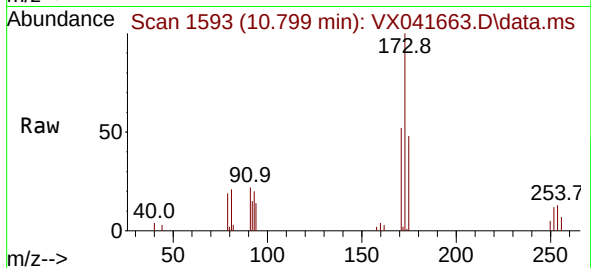
Tgt Ion:	173	Resp:	671
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

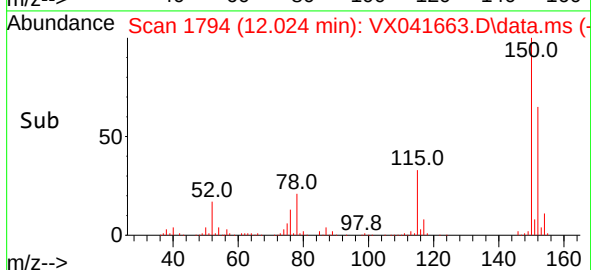
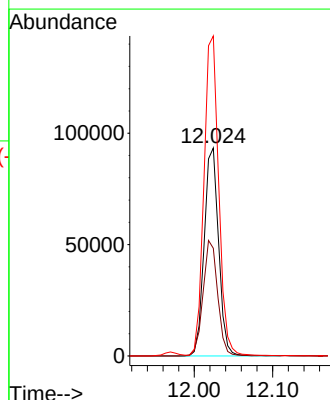
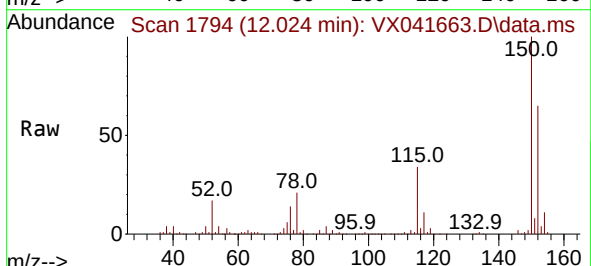
RT: 12.024 min Scan# 1794

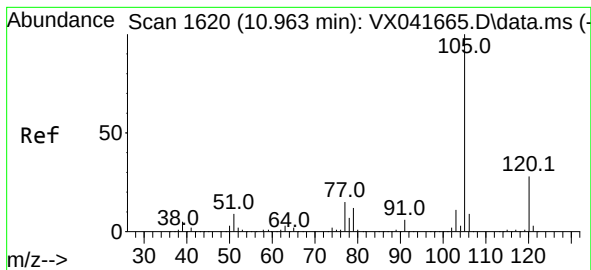
Delta R.T. 0.000 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

Tgt Ion:	152	Resp:	119417
Ion Ratio	Lower	Upper	
152	100		
115	56.3	43.3	129.9
150	156.6	0.0	345.0





#73

Isopropylbenzene

Concen: 5.424 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 40170

Ion Ratio Lower Upper

105 100

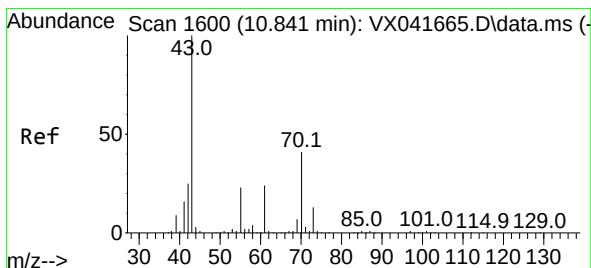
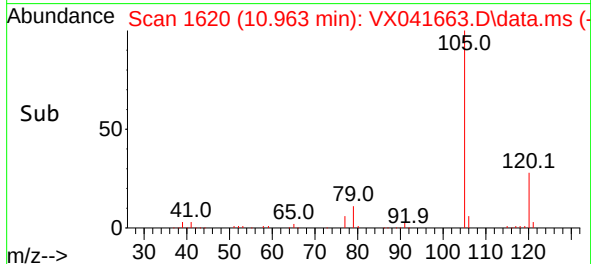
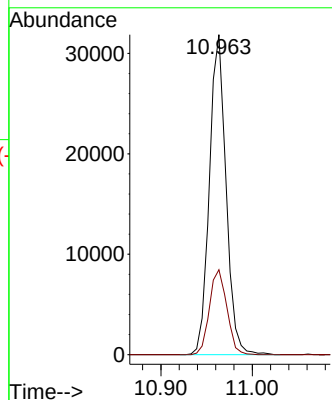
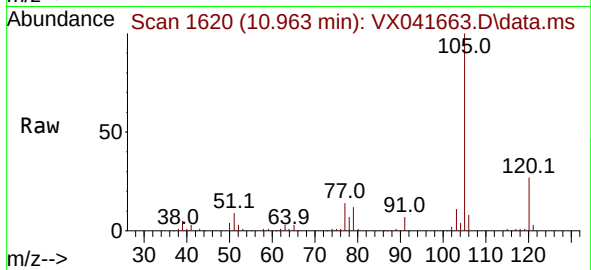
120 27.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#74

N-ethyl acetate

Concen: 5.078 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

Tgt Ion: 43 Resp: 16662

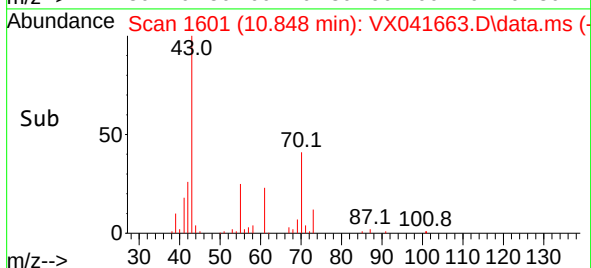
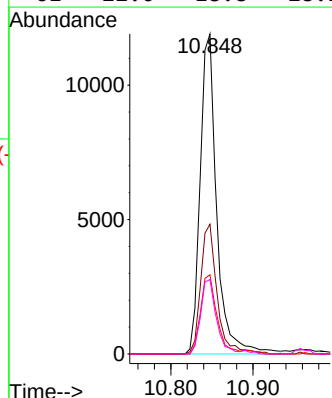
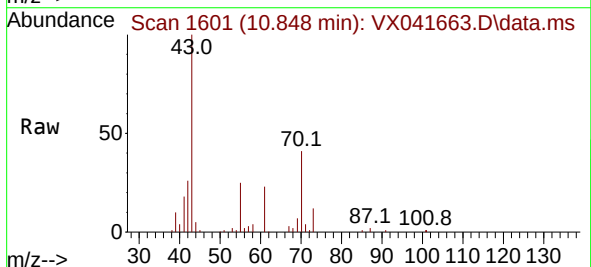
Ion Ratio Lower Upper

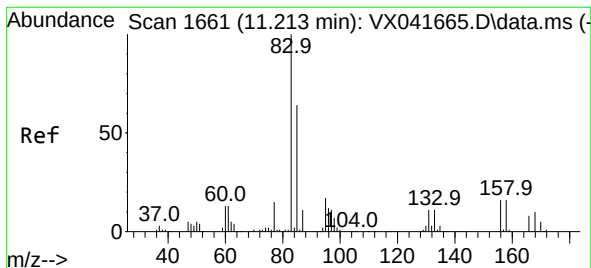
43 100

70 40.2 32.9 49.3

55 25.2 19.3 28.9

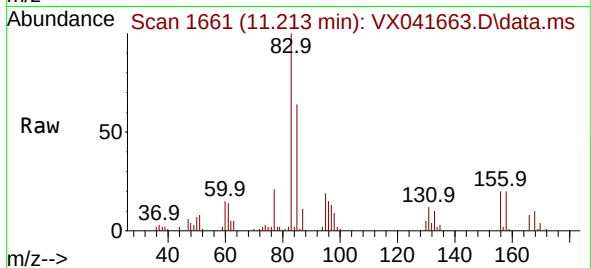
61 22.0 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 5.512 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

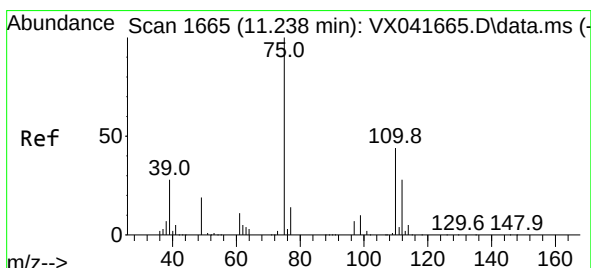
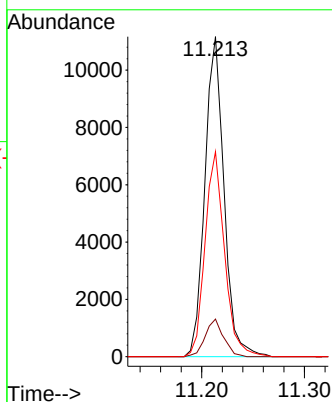
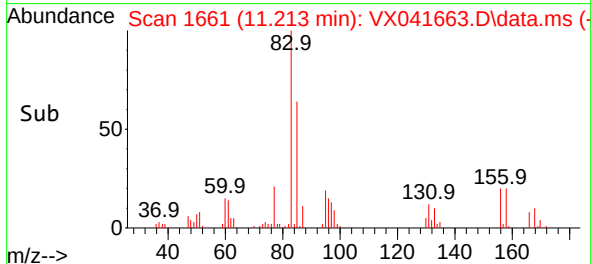
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 14489
Ion Ratio Lower Upper
83 100
131 11.3 5.3 15.8
85 65.4 32.0 96.2

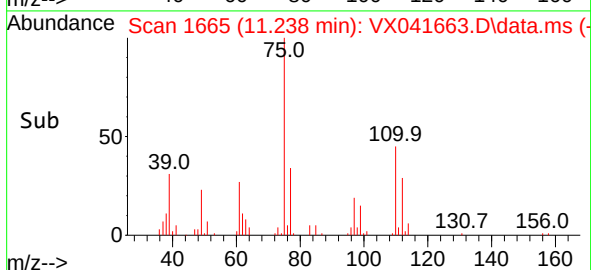
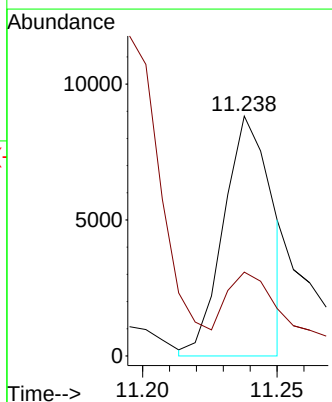
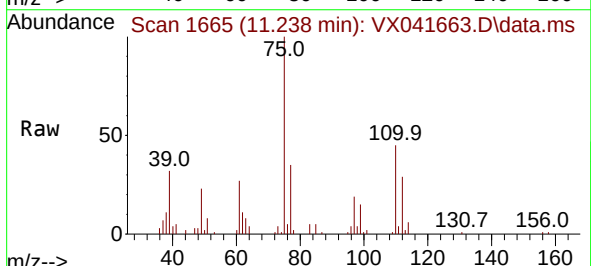
Manual Integrations
APPROVED

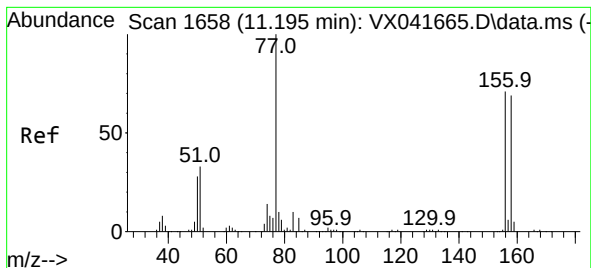
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#76
1,2,3-Trichloropropane
Concen: 5.170 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Tgt Ion: 75 Resp: 10972
Ion Ratio Lower Upper
75 100
77 44.8 19.1 57.5





#77

Bromobenzene

Concen: 5.431 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

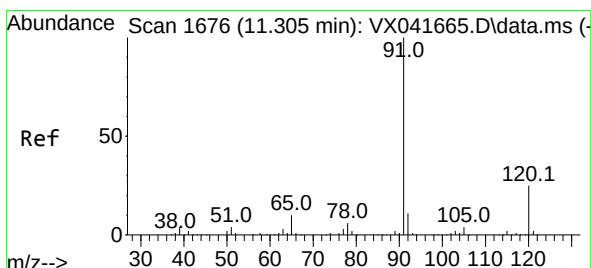
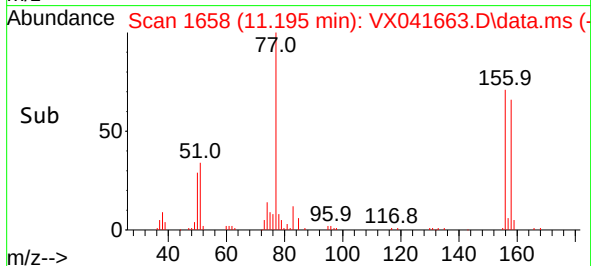
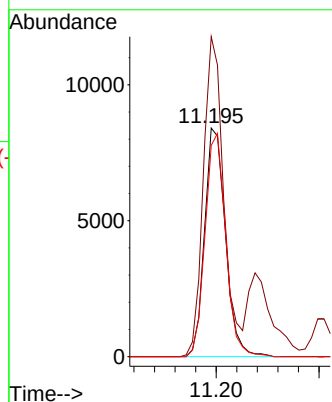
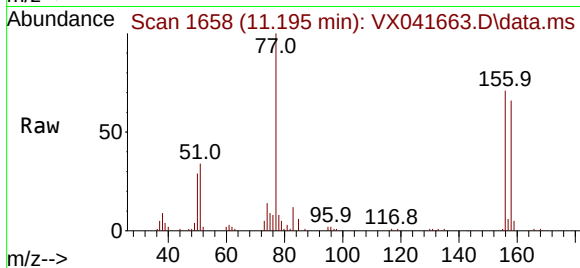
Tgt Ion:	156	Resp:	1187
Ion Ratio	Lower	Upper	
156	100		
77	136.5	88.4	265.3
158	96.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#78

n-propylbenzene

Concen: 5.309 ug/l

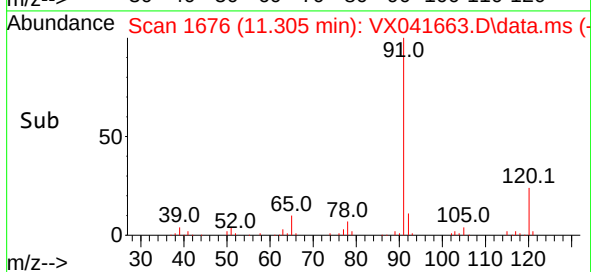
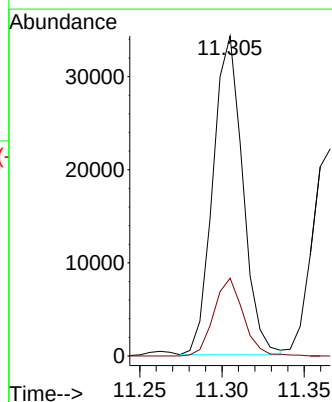
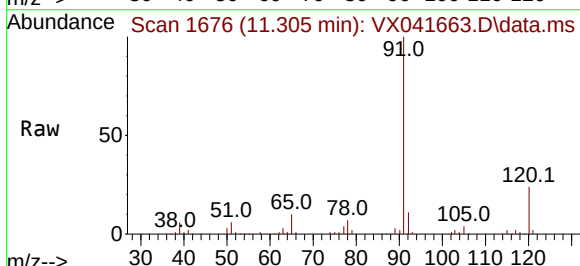
RT: 11.305 min Scan# 1676

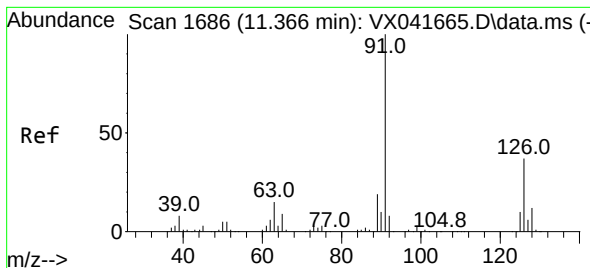
Delta R.T. 0.000 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

Tgt Ion:	91	Resp:	43183
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.5	34.4





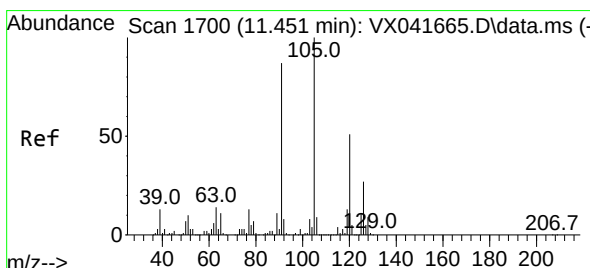
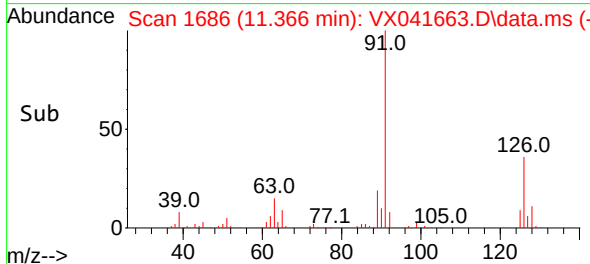
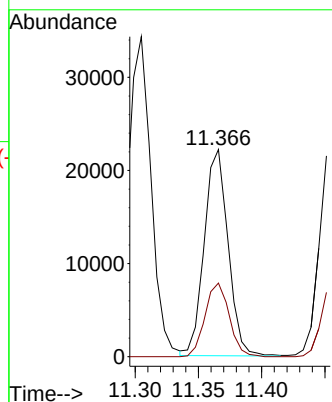
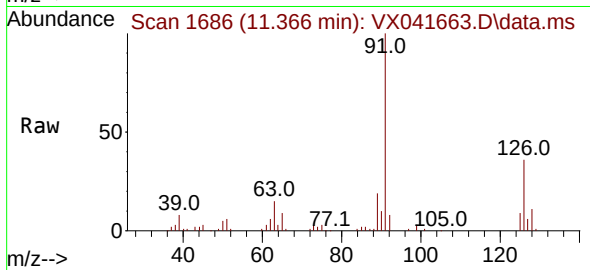
#79
2-Chlorotoluene
Concen: 5.566 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 29099
Ion Ratio Lower Upper
91 100
126 36.2 16.3 48.8

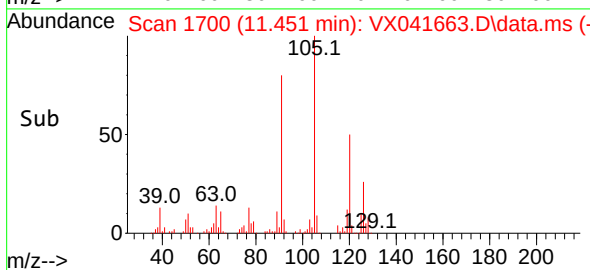
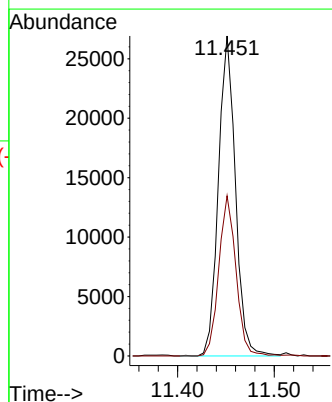
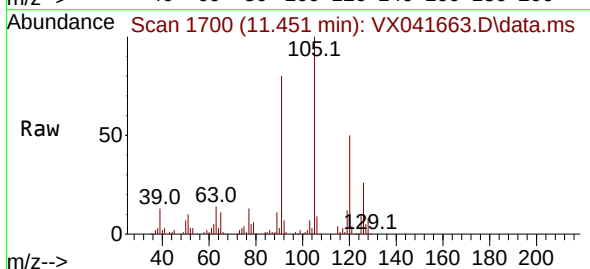
Manual Integrations
APPROVED

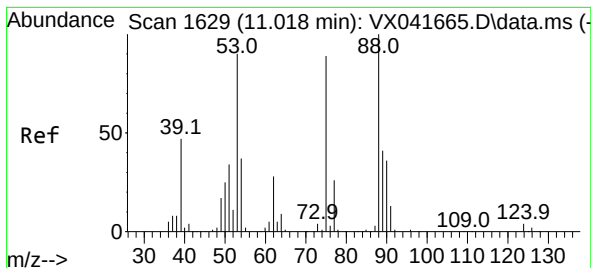
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#80
1,3,5-Trimethylbenzene
Concen: 5.315 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

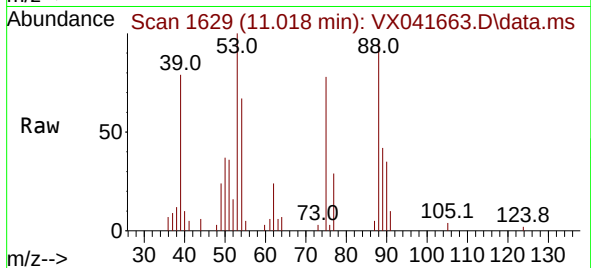
Tgt Ion:105 Resp: 32870
Ion Ratio Lower Upper
105 100
120 50.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 4.088 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

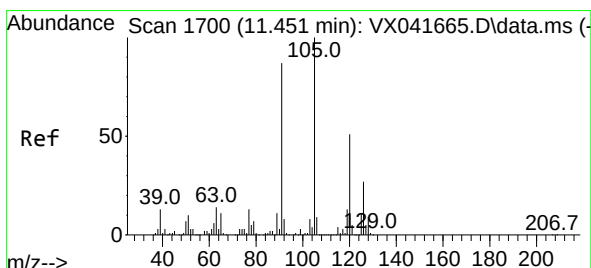
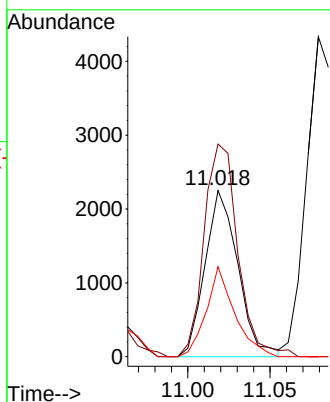
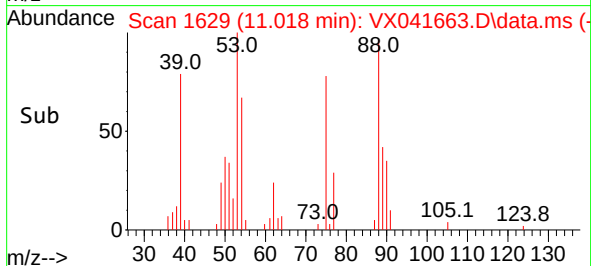
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 3129
Ion Ratio Lower Upper
75 100
53 131.4 90.5 135.7
89 46.9 36.9 55.3

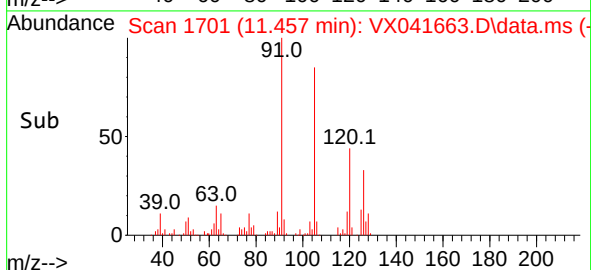
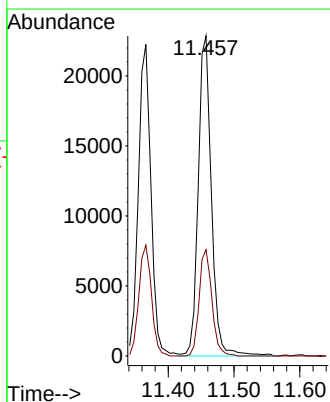
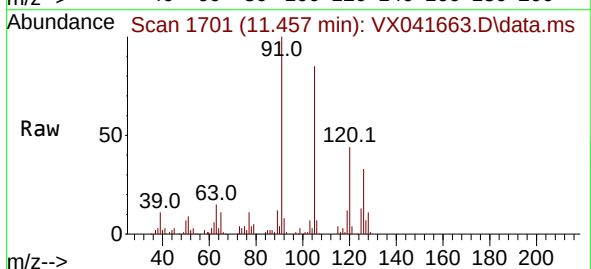
Manual Integrations
APPROVED

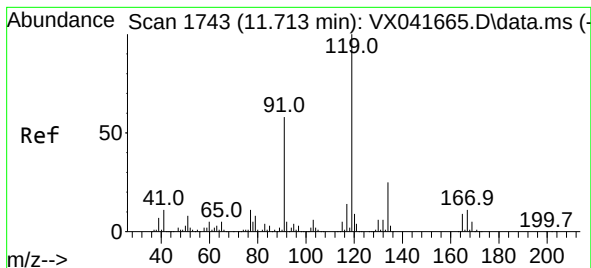
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#82
4-Chlorotoluene
Concen: 5.338 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Tgt Ion: 91 Resp: 31749
Ion Ratio Lower Upper
91 100
126 32.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 5.336 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

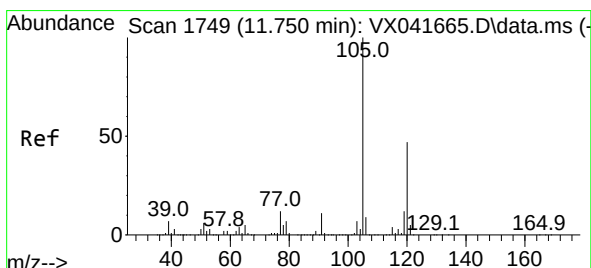
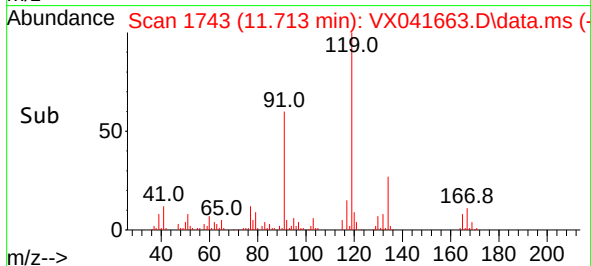
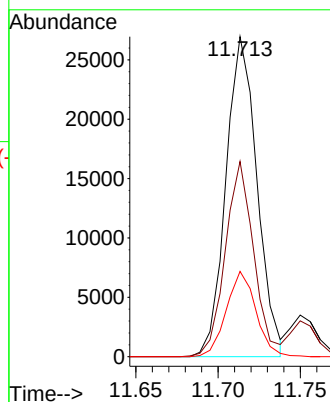
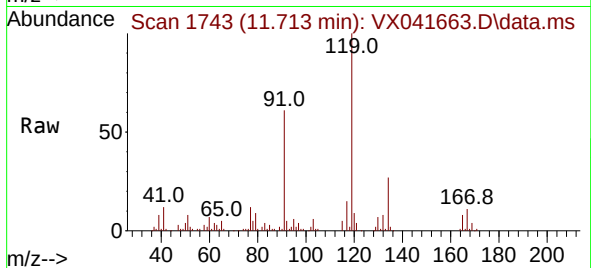
Tgt Ion:	119	Resp:	3554
Ion Ratio	Lower	Upper	
119	100		
91	55.8	31.2	93.6
134	25.4	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#84

1,2,4-Trimethylbenzene

Concen: 5.388 ug/l

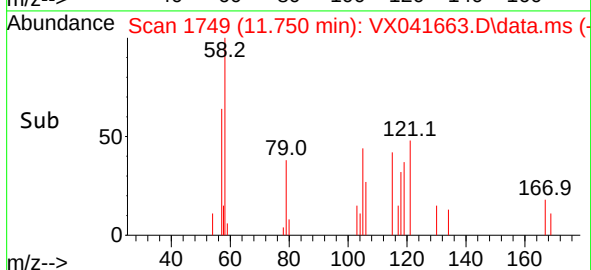
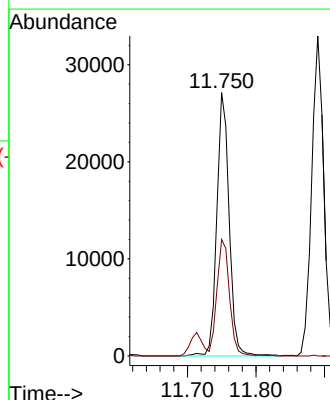
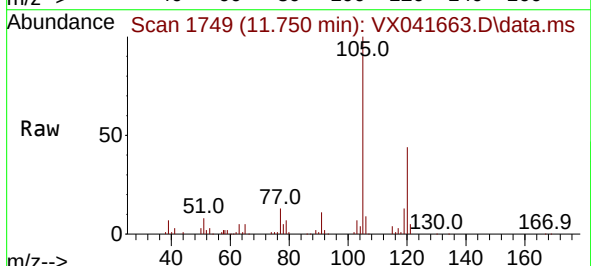
RT: 11.750 min Scan# 1749

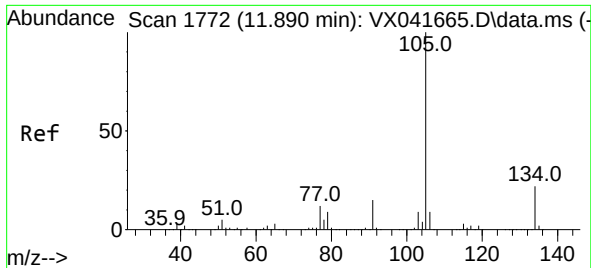
Delta R.T. 0.000 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

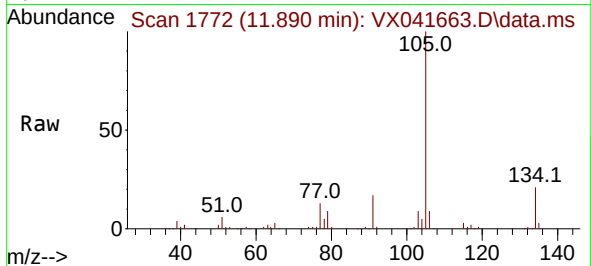
Tgt Ion:	105	Resp:	33764
Ion Ratio	Lower	Upper	
105	100		
120	45.2	21.2	63.6





#85
sec-Butylbenzene
Concen: 5.311 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

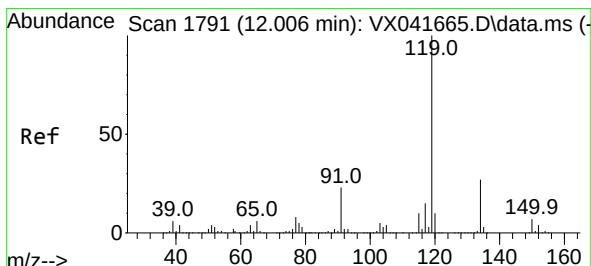
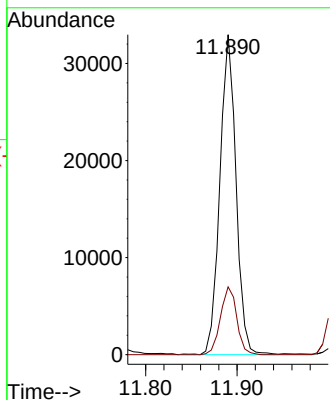
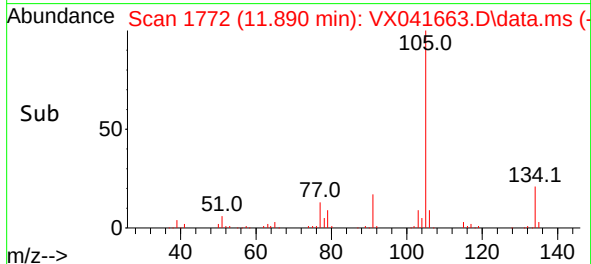
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



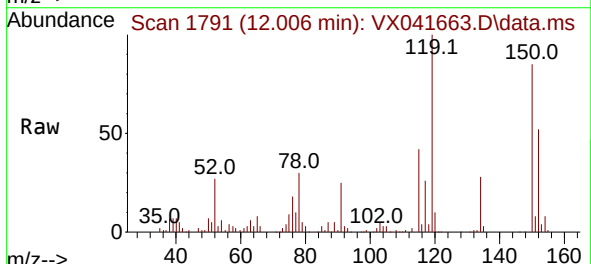
Tgt Ion:105 Resp: 40561
Ion Ratio Lower Upper
105 100
134 21.3 9.8 29.4

Manual Integrations
APPROVED

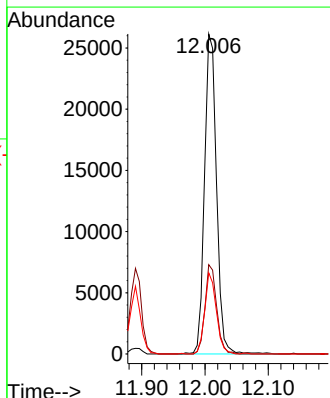
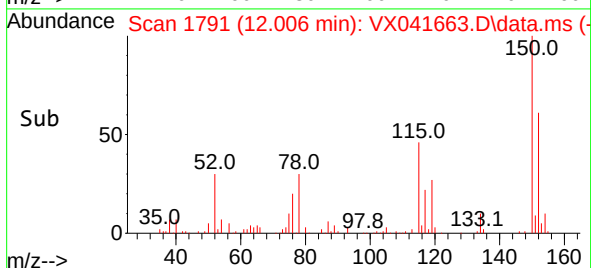
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

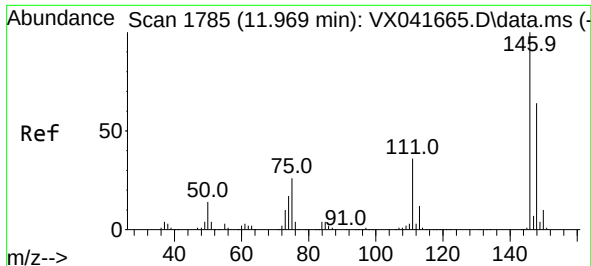


#86
p-Isopropyltoluene
Concen: 5.159 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56



Tgt Ion:119 Resp: 34561
Ion Ratio Lower Upper
119 100
134 27.1 12.8 38.3
91 24.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 5.334 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 2082

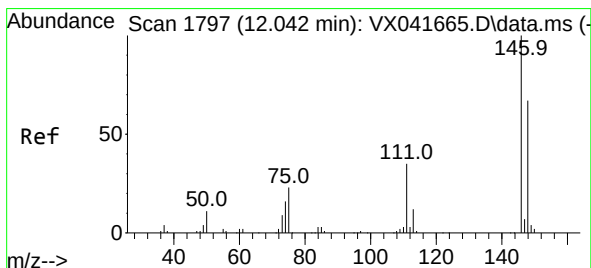
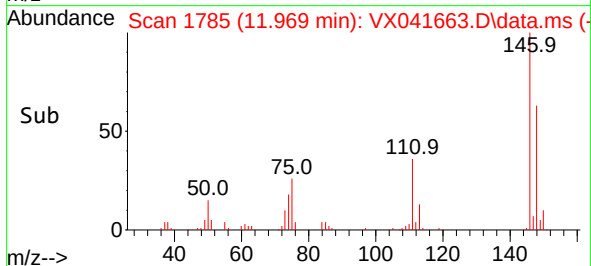
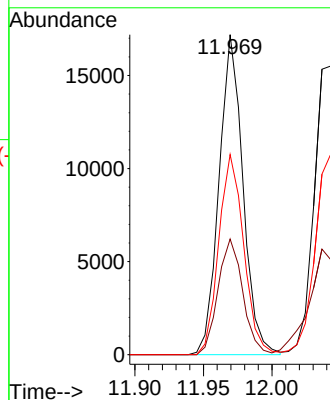
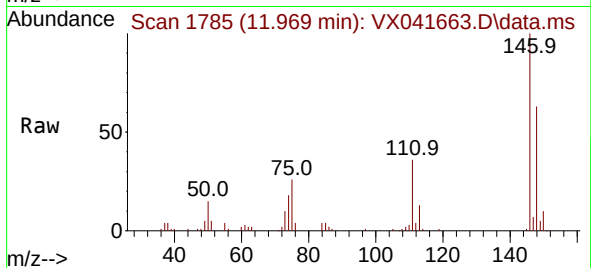
Ion	Ratio	Lower	Upper
146	100		
111	37.5	22.1	66.1
148	65.4	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#88

1,4-Dichlorobenzene

Concen: 5.419 ug/l

RT: 12.043 min Scan# 1797

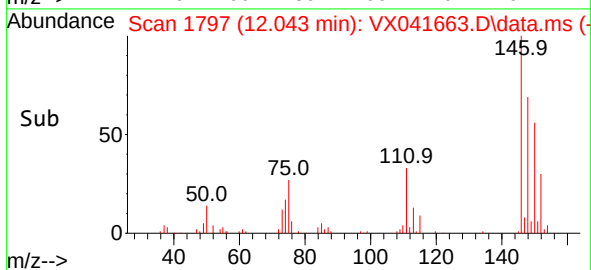
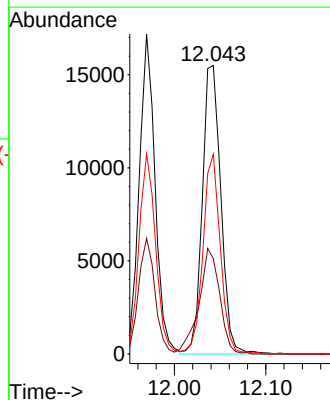
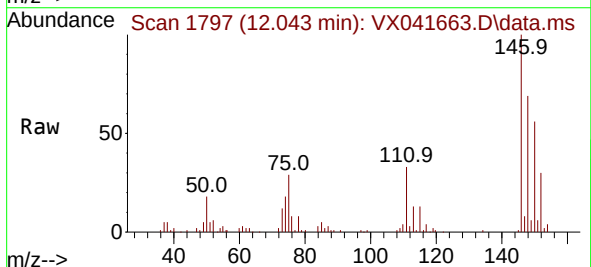
Delta R.T. 0.000 min

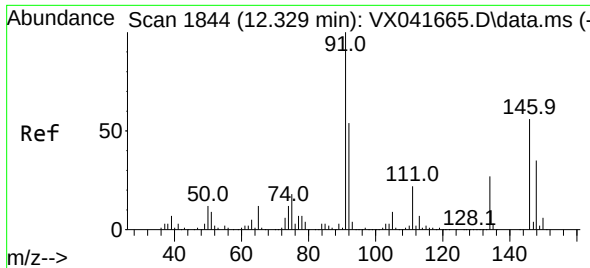
Lab File: VX041663.D

Acq: 29 May 2024 09:56

Tgt Ion:146 Resp: 21814

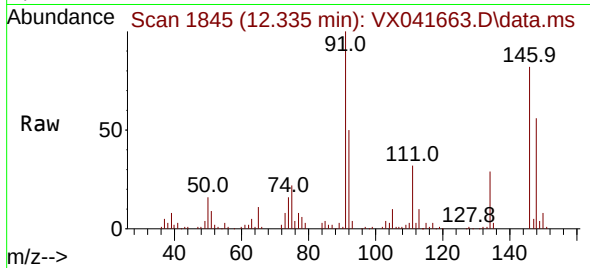
Ion	Ratio	Lower	Upper
146	100		
111	40.9	21.3	63.7
148	65.1	31.8	95.4





#89
n-Butylbenzene
Concen: 4.846 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

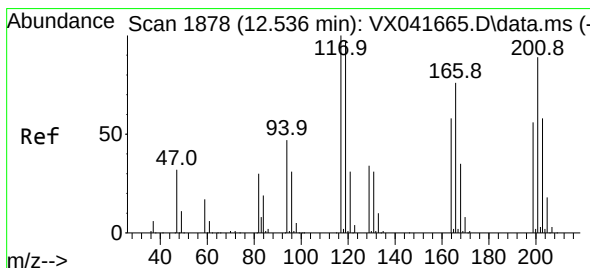
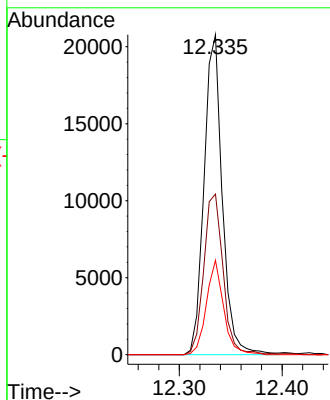
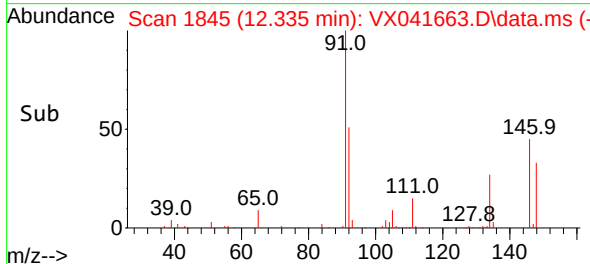
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 91 Resp: 25698
Ion Ratio Lower Upper
91 100
92 53.5 27.4 82.0
134 27.9 12.6 37.8

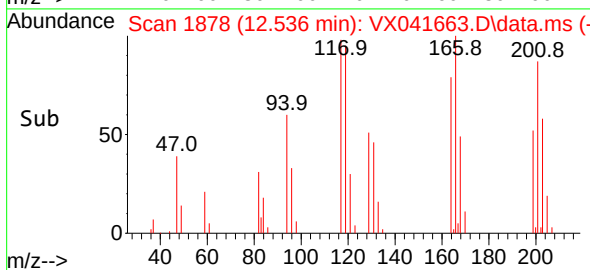
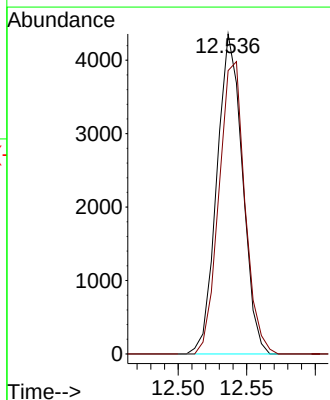
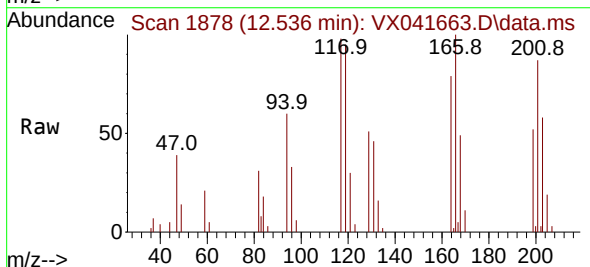
Manual Integrations
APPROVED

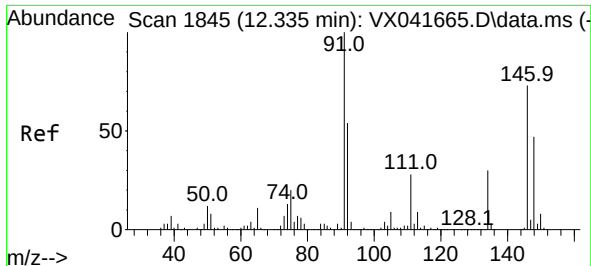
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#90
Hexachloroethane
Concen: 4.963 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

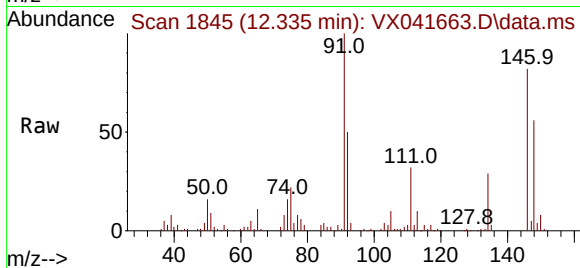
Tgt Ion:117 Resp: 5654
Ion Ratio Lower Upper
117 100
201 92.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 5.454 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

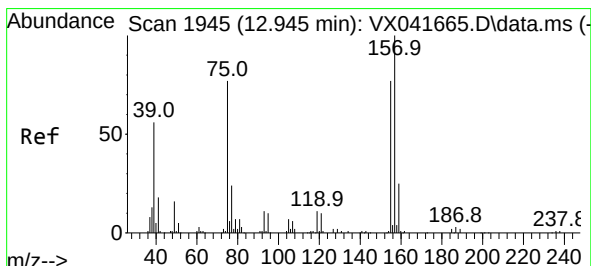
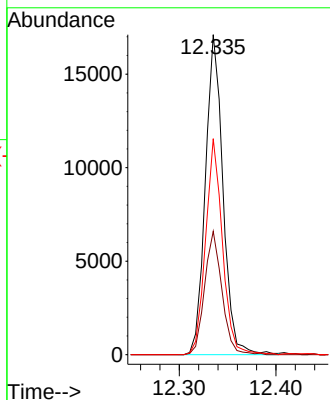
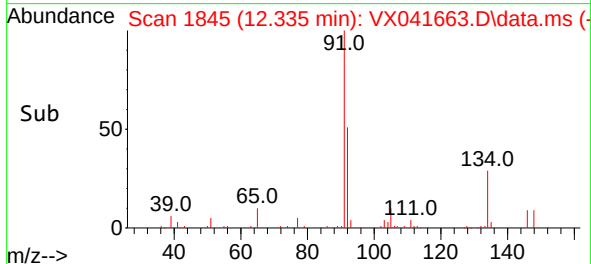
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



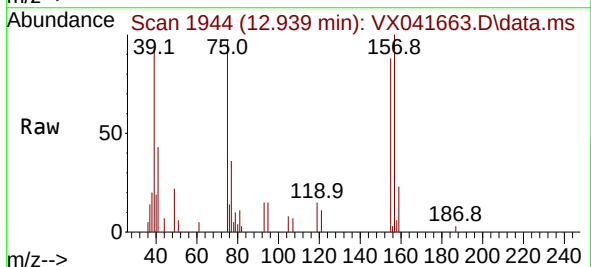
Tgt Ion:146 Resp: 2169
Ion Ratio Lower Upper
146 100
111 38.0 22.4 67.0
148 64.9 31.6 95.0

Manual Integrations
APPROVED

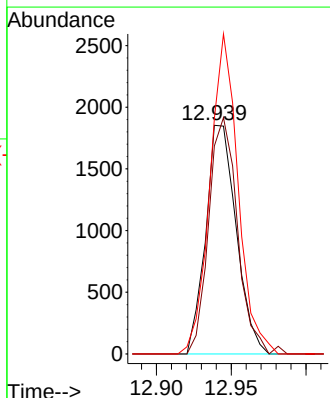
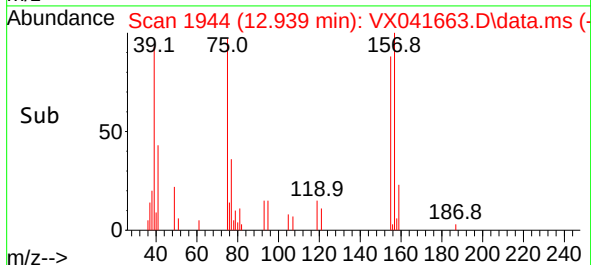
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024

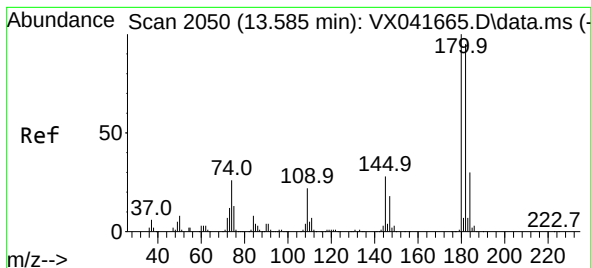


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.960 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56



Tgt Ion: 75 Resp: 2634
Ion Ratio Lower Upper
75 100
155 97.3 36.1 108.5
157 128.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 4.945 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

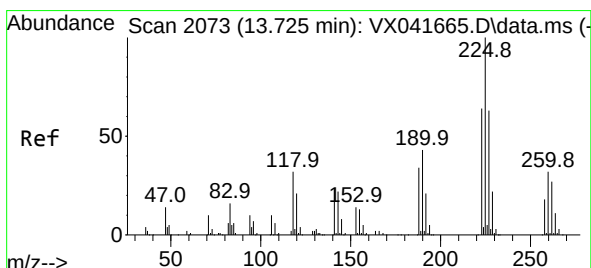
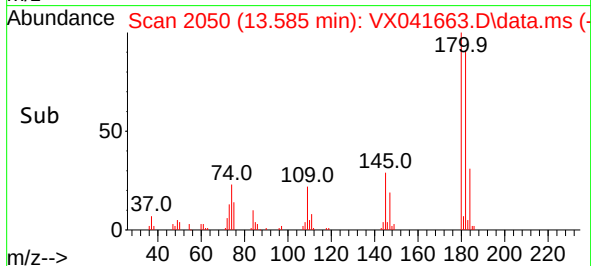
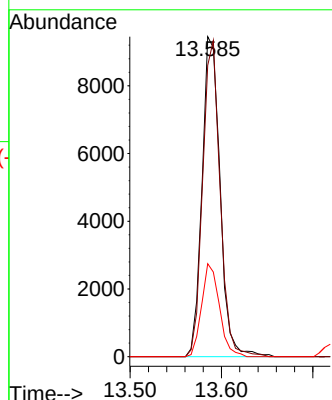
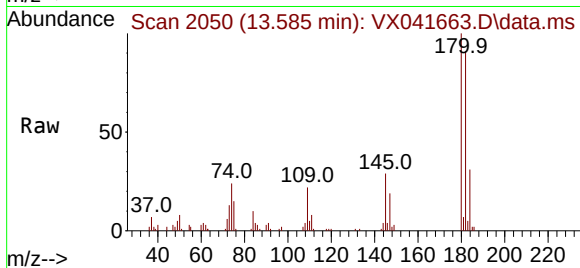
Tgt Ion:	180	Resp:	1296
Ion Ratio	Lower	Upper	
180	100		
182	95.6	48.3	144.8
145	28.7	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2024

Supervised By :Semsettin Yesilyurt 05/30/2024



#94

Hexachlorobutadiene

Concen: 5.418 ug/l

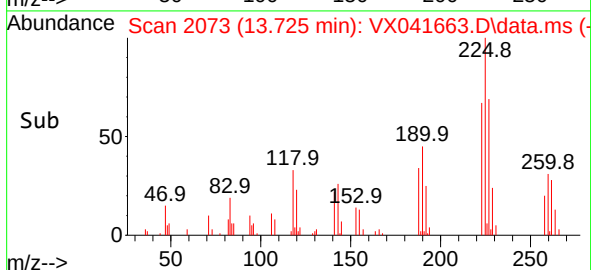
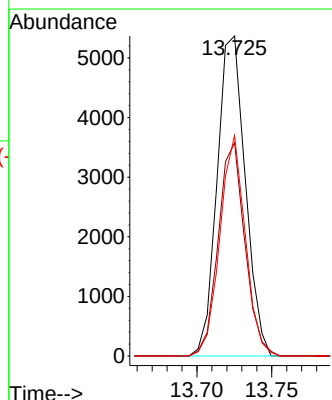
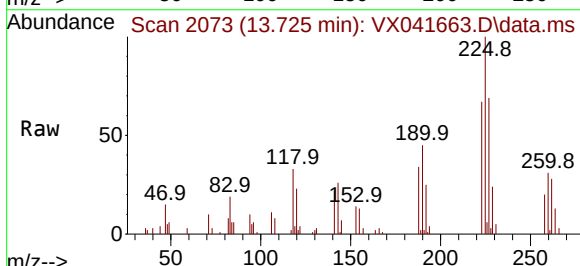
RT: 13.725 min Scan# 2073

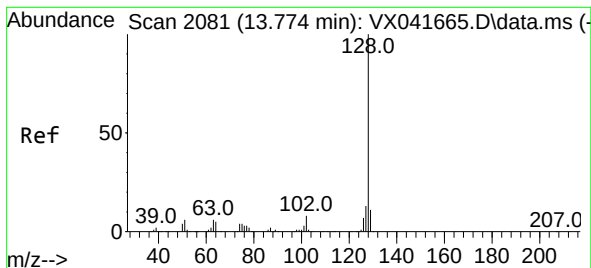
Delta R.T. 0.000 min

Lab File: VX041663.D

Acq: 29 May 2024 09:56

Tgt Ion:	225	Resp:	7037
Ion Ratio	Lower	Upper	
225	100		
223	63.0	31.1	93.2
227	62.1	32.5	97.5





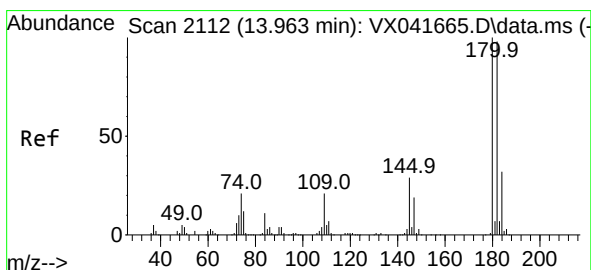
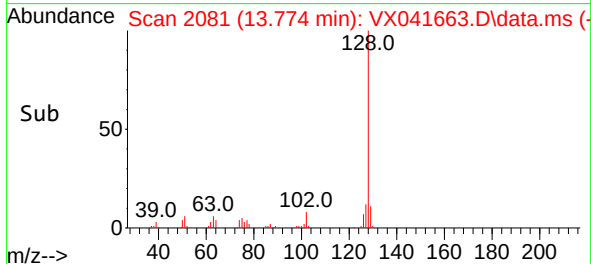
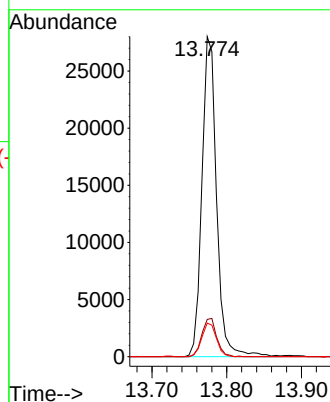
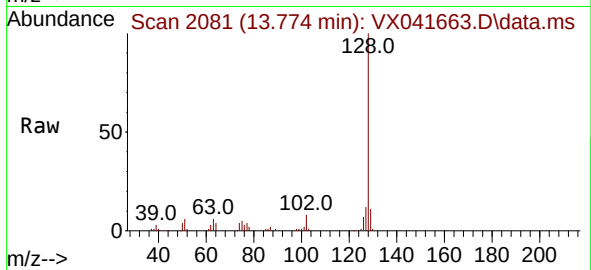
#95
Naphthalene
Concen: 4.925 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 38090
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 10.4 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#96
1,2,3-Trichlorobenzene
Concen: 5.030 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041663.D
Acq: 29 May 2024 09:56

Tgt Ion:180 Resp: 13570
Ion Ratio Lower Upper
180 100
182 96.5 46.9 140.6
145 29.1 17.8 53.5

