

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072624\
 Data File : VX042563.D
 Acq On : 25 Jul 2024 13:07
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/26/2024
 Supervised By : Mahesh Dadoda 07/26/2024

Quant Time: Jul 26 01:36:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 11:30:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	20626	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	115108	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	107702	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	44419	30.065	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.200%			
60) 4-Bromofluorobenzene	11.079	95	49730	29.677	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.933%			
63) Toluene-d8	8.646	98	138973	29.704	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	24214	19.585	ug/l	99
3) Chloromethane	1.300	50	21170	16.376	ug/l	98
4) Vinyl Chloride	1.373	62	19639	15.292	ug/l	98
5) Bromomethane	1.599	94	11242	17.438	ug/l	97
6) Chloroethane	1.666	64	11782	21.286	ug/l	96
7) Trichlorofluoromethane	1.873	101	30301	18.857	ug/l	100
8) Diethyl Ether	2.135	74	11950	17.733	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.318	101	23229	18.562	ug/l	99
10) 1,1-Dichloroethene	2.312	96	22180	18.443	ug/l	97
11) Methyl Iodide	2.446	142	26119	19.209	ug/l	99
12) Methyl Acetate	2.708	43	42542	21.523	ug/l	98
13) Acrolein	2.239	56	14057	56.614	ug/l	95
14) Acrylonitrile	3.068	53	69964	94.257	ug/l	98
15) Acetone	2.391	58	18280	82.794	ug/l	94
16) Carbon Disulfide	2.501	76	41950	17.645	ug/l	99
17) Allyl chloride	2.660	41	34321	17.936	ug/l	94
18) Methylene Chloride	2.788	84	25613	18.649	ug/l	93
19) trans-1,2-Dichloroethene	3.086	96	22251	18.317	ug/l	100
20) Diisopropyl ether	3.769	45	73524	18.234	ug/l	97
21) 1,1-Dichloroethane	3.605	63	42973	18.774	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	28891	18.992	ug/l	100
23) tert-Butyl Alcohol	2.989	59	27835	98.398	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	78422	19.537	ug/l	99
25) Chloroform	5.092	83	46160	19.512	ug/l	99
26) Cyclohexane	5.464	56	32363	17.072	ug/l #	97
29) 1,1-Dichloropropene	5.696	75	28160	18.761	ug/l	96
30) 2-Butanone	4.568	43	93671	93.471	ug/l	99
31) 2,2-Dichloropropane	4.470	77	30469	17.657	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	39680	20.467	ug/l	100
33) Carbon Tetrachloride	5.677	117	34012	20.088	ug/l	95
34) Benzene	6.037	78	95266	19.329	ug/l	100
35) Methacrylonitrile	4.934	41	20276	20.503	ug/l	96
36) 1,2-Dichloroethane	6.092	62	32702	20.458	ug/l	98
37) Trichloroethene	7.122	130	26369	19.895	ug/l	100
38) Methylcyclohexane	7.378	83	34141	17.689	ug/l	99
39) 1,2-Dichloropropane	7.433	63	23350	19.273	ug/l	98
40) Dibromomethane	7.579	93	17670	20.205	ug/l	99
41) Bromodichloromethane	7.823	83	32798	19.996	ug/l	97
42) Vinyl Acetate	3.727	43	298584	92.091	ug/l	100

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 ALS Vial : 10 Sample Multiplier: 1

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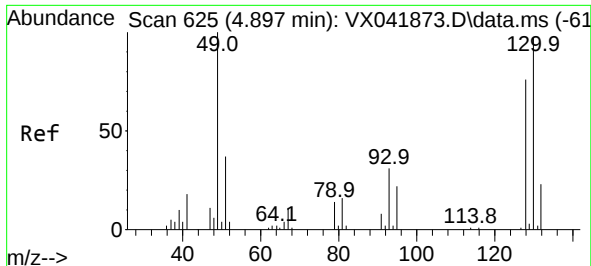
Manual Integrations
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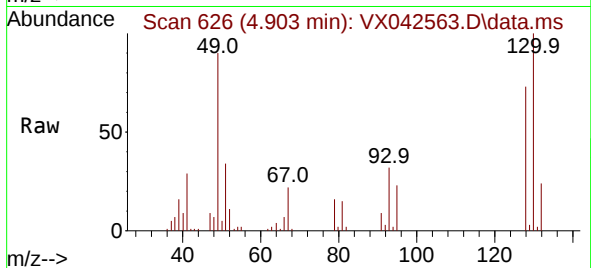
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.720	43	35110	19.741	ug/l #	82
44) Isopropyl Acetate	6.348	43	52969	18.959	ug/l	98
45) 1,4-Dioxane	7.671	88	9416	300.831	ug/l #	90
46) Methyl methacrylate	7.695	41	25322	18.598	ug/l	96
47) n-amyl Acetate	10.841	43	44756	18.029	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	30468	18.633	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	34532	18.789	ug/l	98
50) 1,1,2-Trichloroethane	9.152	97	26242	20.462	ug/l	98
51) Ethyl methacrylate	9.116	69	38146	19.020	ug/l	98
52) 1,3-Dichloropropane	9.311	76	41282	19.816	ug/l	100
53) Dibromochloromethane	9.524	129	28712	20.373	ug/l	98
54) 1,2-Dibromoethane	9.610	107	26923	20.185	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	91428	94.051	ug/l	99
56) Bromoform	10.798	173	22376	19.701	ug/l	98
58) 4-Methyl-2-Pentanone	8.573	43	185235	97.588	ug/l	100
59) 2-Hexanone	9.433	43	142071	95.562	ug/l	100
61) Tetrachloroethene	9.274	164	25960	19.869	ug/l	98
62) Toluene	8.720	91	105343	19.564	ug/l	99
64) Chlorobenzene	10.079	112	70178	19.313	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.164	131	25911	19.816	ug/l	98
66) Ethyl Benzene	10.195	91	112522	19.176	ug/l	99
67) m/p-Xylenes	10.298	106	92374	39.375	ug/l	97
68) o-Xylene	10.640	106	45253	19.382	ug/l	100
69) Styrene	10.658	104	75778	19.298	ug/l	98
70) Isopropylbenzene	10.963	105	117154	19.680	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	41203	20.114	ug/l	99
72) 1,2,3-Trichloropropane	11.237	75	35321m	21.716	ug/l	
73) Bromobenzene	11.201	156	34412	20.228	ug/l	97
74) n-propylbenzene	11.304	91	124949	19.000	ug/l	99
75) 2-Chlorotoluene	11.365	91	81070	19.602	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	97947	19.695	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	9733	16.316	ug/l	99
78) 4-Chlorotoluene	11.457	91	87446	18.981	ug/l	99
79) tert-butylbenzene	11.713	119	104981	19.774	ug/l	99
80) 1,2,4-Trimethylbenzene	11.749	105	98067	19.597	ug/l	99
81) sec-Butylbenzene	11.890	105	119092	18.984	ug/l	100
82) p-Isopropyltoluene	12.006	119	105353	19.380	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	58978	19.301	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	59320	19.544	ug/l	99
85) n-Butylbenzene	12.335	91	75248	17.625	ug/l	100
86) Hexachloroethane	12.536	117	17019	18.411	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	60775	19.677	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.938	75	8333	19.856	ug/l	96
89) 1,2,4-Trichlorobenzene	13.591	180	38618	18.469	ug/l	100
90) Hexachlorobutadiene	13.725	225	19557	18.847	ug/l	96
91) Naphthalene	13.773	128	118088	18.939	ug/l	100
92) 1,2,3-Trichlorobenzene	13.962	180	41010	19.041	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

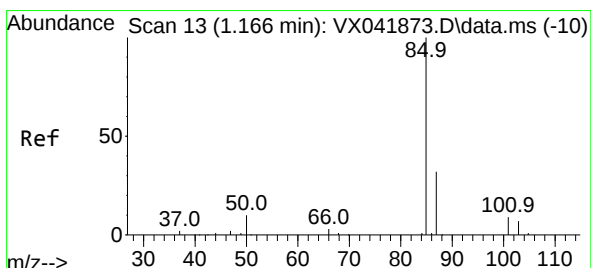
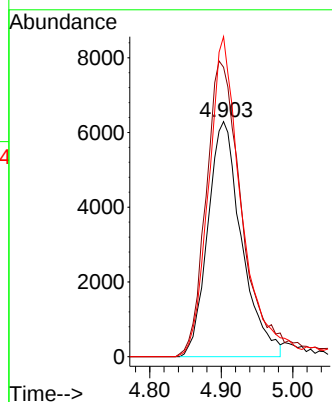
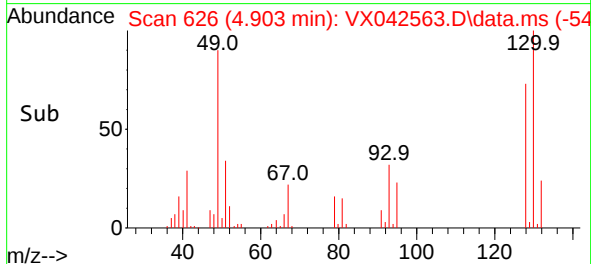
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 20620
Ion Ratio Lower Upper
128 100
49 132.4 0.0 338.5
130 132.6 0.0 324.5

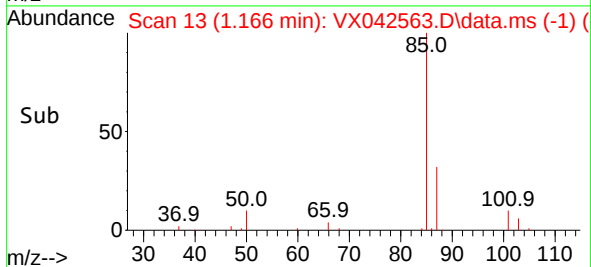
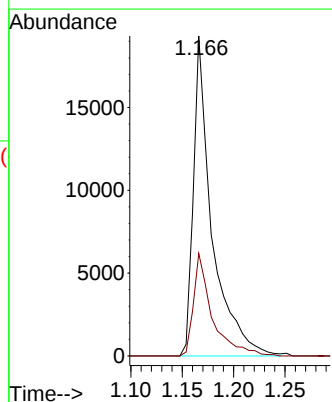
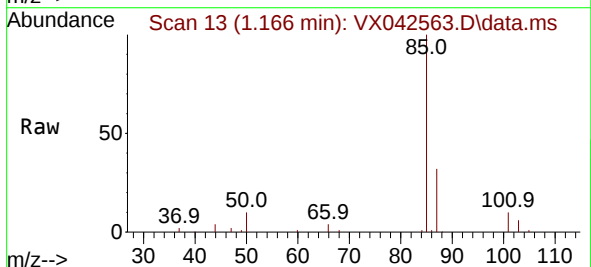
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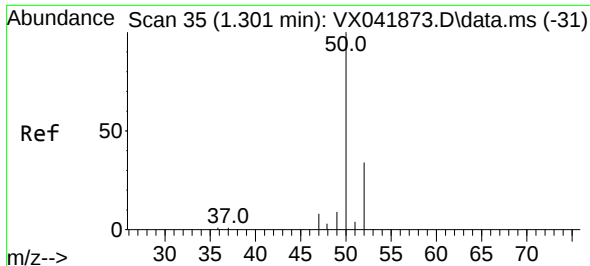
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#2
Dichlorodifluoromethane
Concen: 19.585 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Tgt Ion: 85 Resp: 24214
Ion Ratio Lower Upper
85 100
87 32.1 15.8 47.3





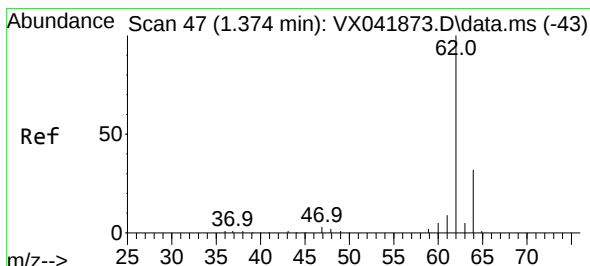
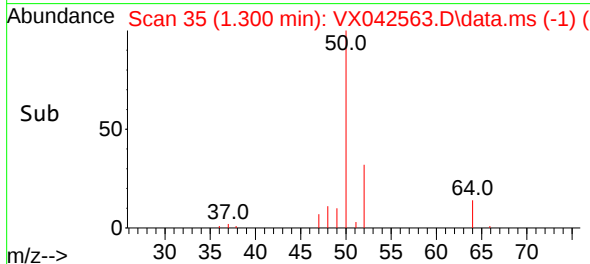
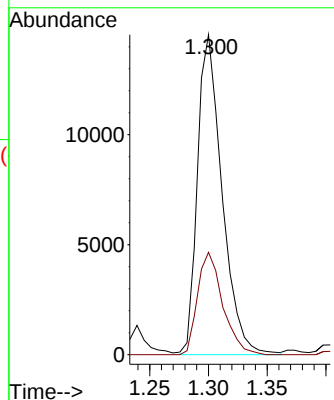
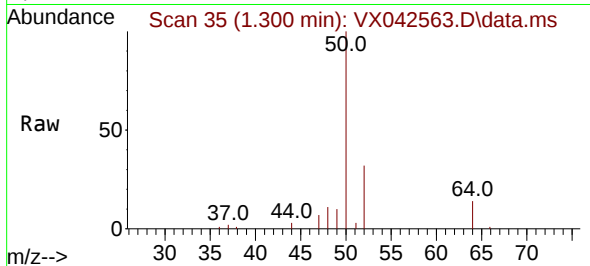
#3
Chloromethane
Concen: 16.376 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 21170
Ion Ratio Lower Upper
50 100
52 32.2 26.9 40.3

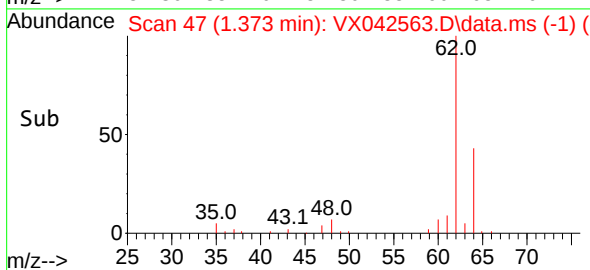
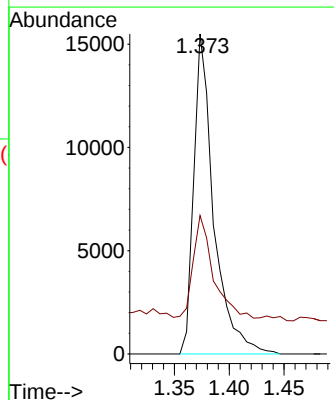
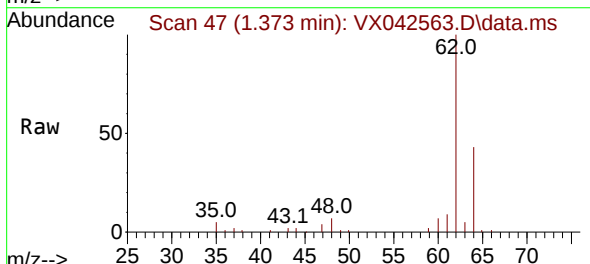
Manual Integrations
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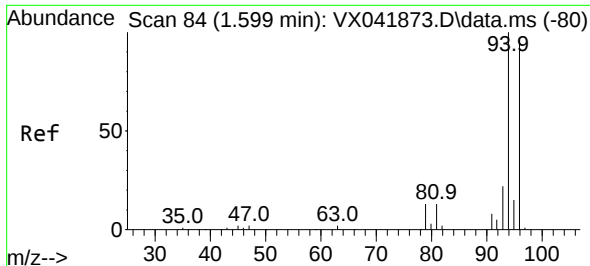
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#4
Vinyl Chloride
Concen: 15.292 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

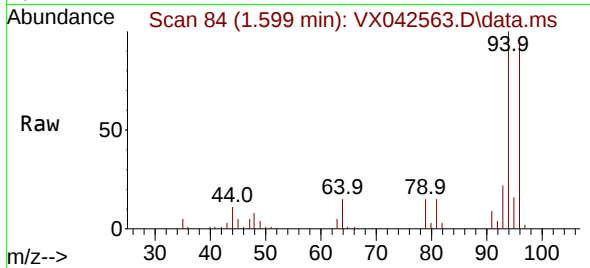
Tgt Ion: 62 Resp: 19639
Ion Ratio Lower Upper
62 100
64 31.6 26.1 39.1





#5
Bromomethane
Concen: 17.438 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

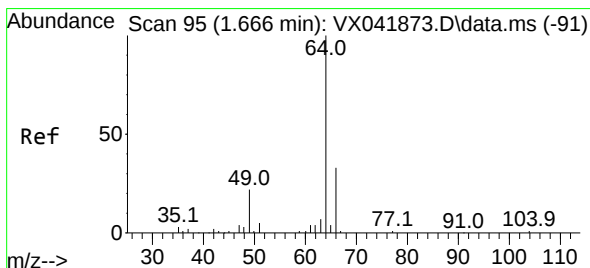
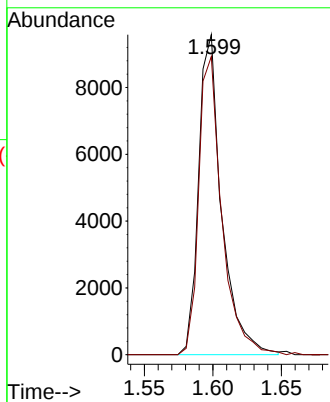
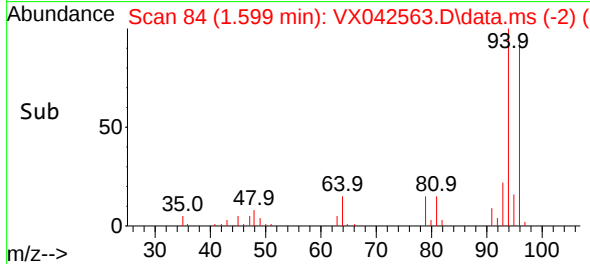
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



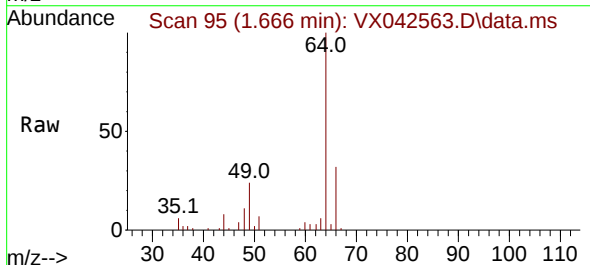
Tgt Ion: 94 Resp: 1124
Ion Ratio Lower Upper
94 100
96 93.2 76.6 115.0

Manual Integrations
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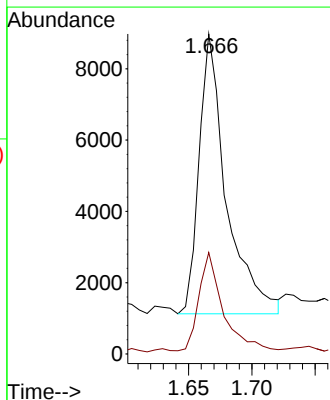
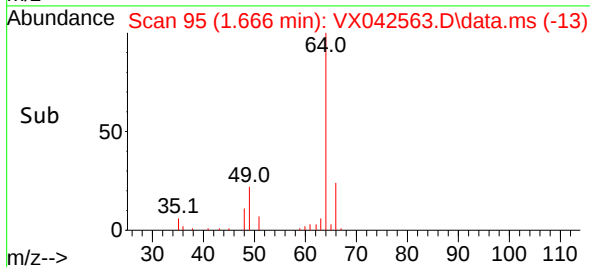
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024

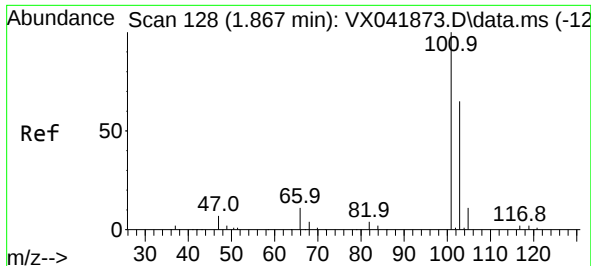


#6
Chloroethane
Concen: 21.286 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07



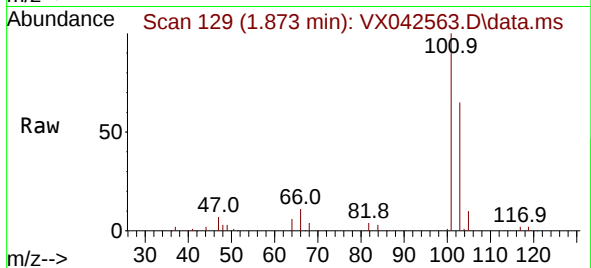
Tgt Ion: 64 Resp: 11782
Ion Ratio Lower Upper
64 100
66 35.1 26.4 39.6





#7
Trichlorofluoromethane
Concen: 18.857 ug/l
RT: 1.873 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

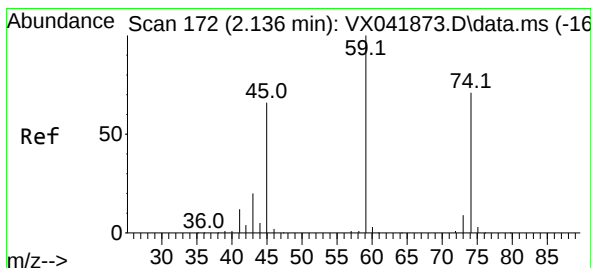
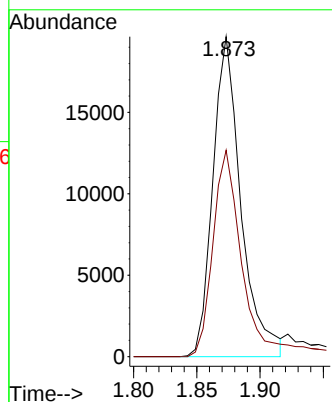
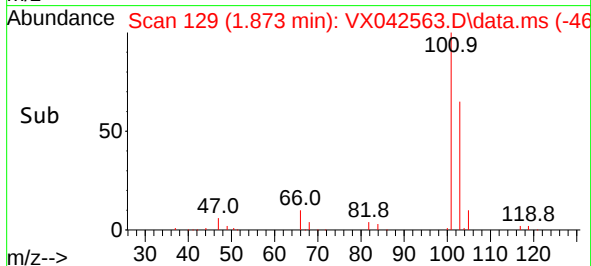
Instrument :
MSVOA_X
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Tgt Ion:101 Resp: 3030
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.8

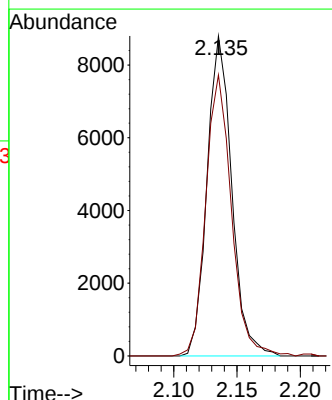
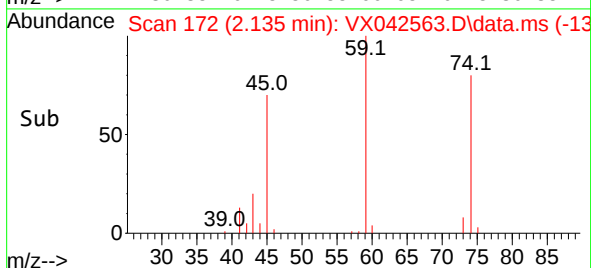
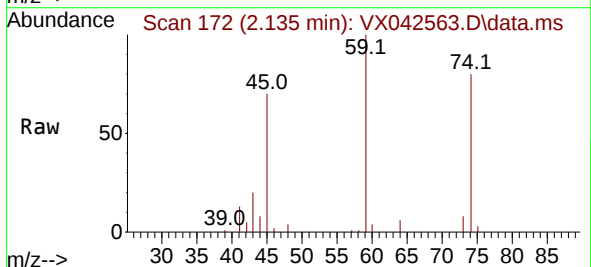
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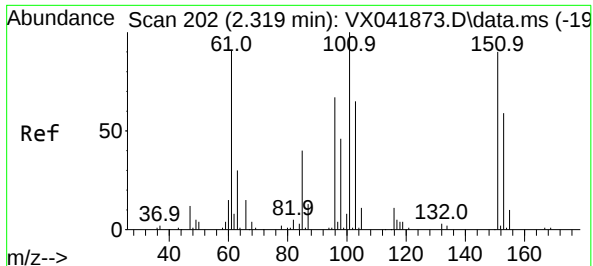
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#8
Diethyl Ether
Concen: 17.733 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Tgt Ion: 74 Resp: 11950
Ion Ratio Lower Upper
74 100
45 91.0 18.7 168.7





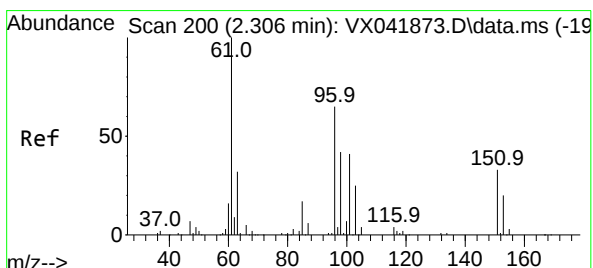
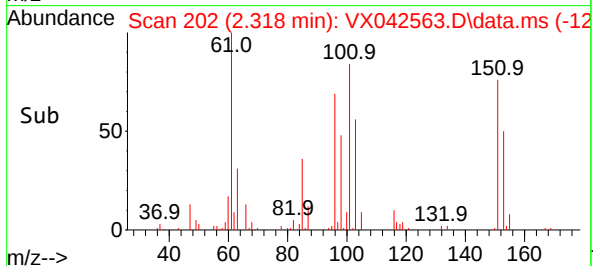
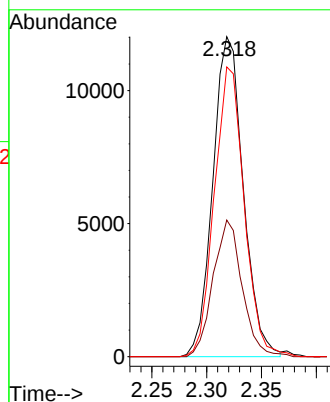
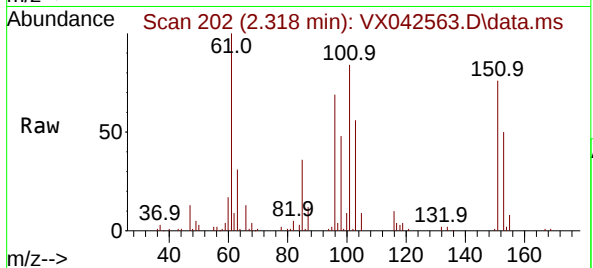
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.562 ug/l
RT: 2.318 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 23229
Ion Ratio Lower Upper
101 100
85 40.8 0.0 80.4
151 88.7 0.0 175.2

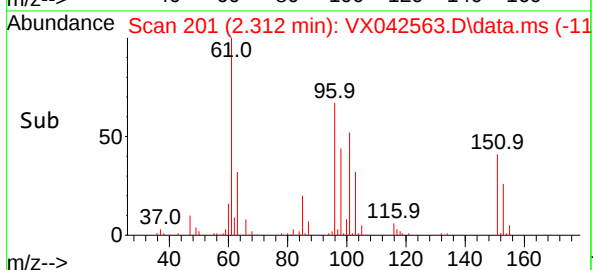
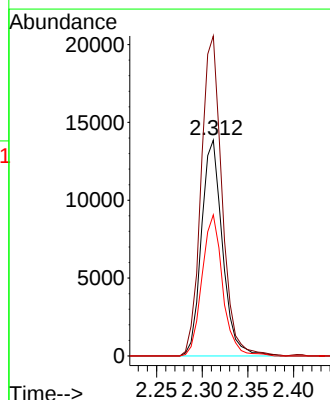
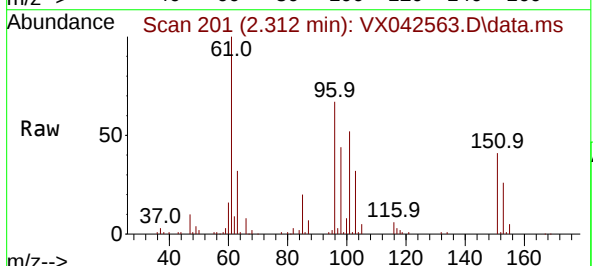
Manual Integrations
APPROVED

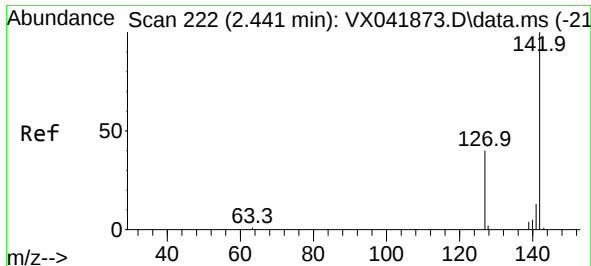
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#10
1,1-Dichloroethene
Concen: 18.443 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Tgt Ion: 96 Resp: 22180
Ion Ratio Lower Upper
96 100
61 148.3 122.3 183.5
98 65.4 51.5 77.3





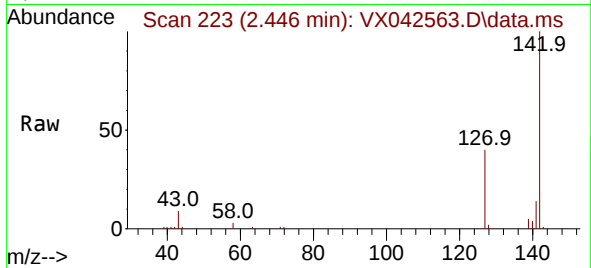
#11
Methyl Iodide
Concen: 19.209 ug/l
RT: 2.446 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



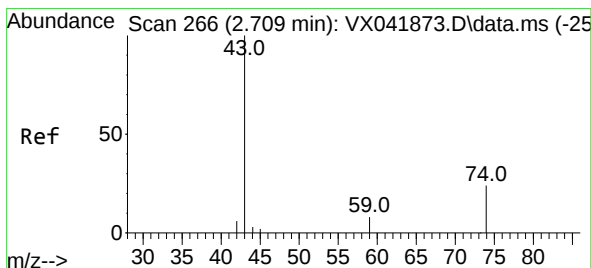
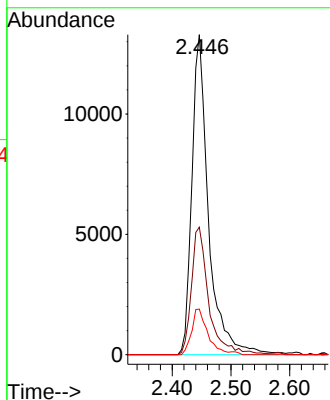
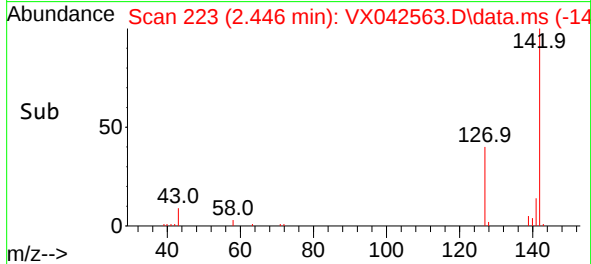
Tgt Ion:142 Resp: 26119
Ion Ratio Lower Upper
142 100
127 39.6 19.8 59.3
141 14.3 6.7 20.1

Manual Integrations

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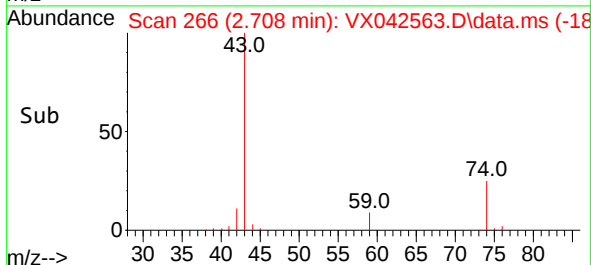
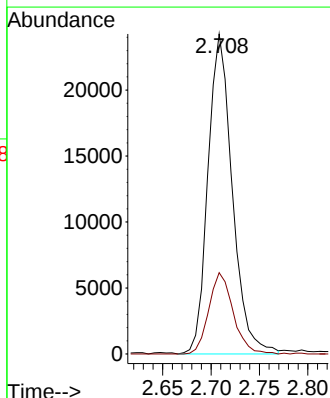
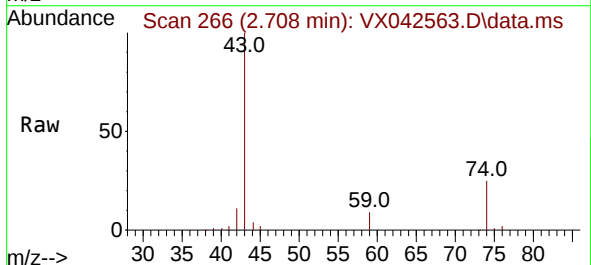
Reviewed By :John Carlone 07/26/2024

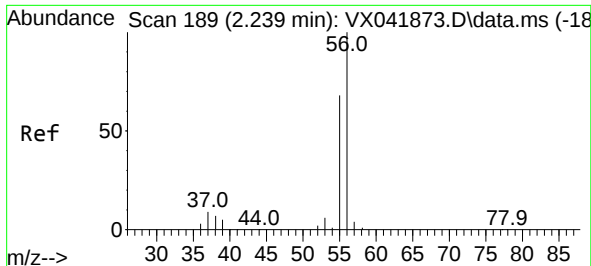
Supervised By :Mahesh Dadoda 07/26/2024



#12
Methyl Acetate
Concen: 21.523 ug/l
RT: 2.708 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

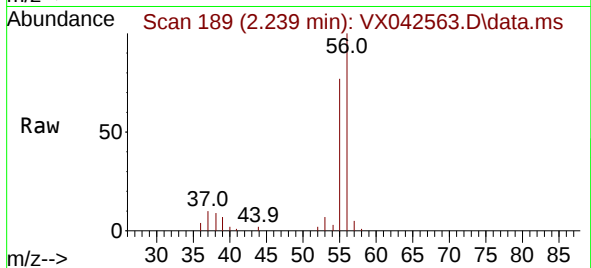
Tgt Ion: 43 Resp: 42542
Ion Ratio Lower Upper
43 100
74 25.5 19.4 29.2





#13
Acrolein
Concen: 56.614 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

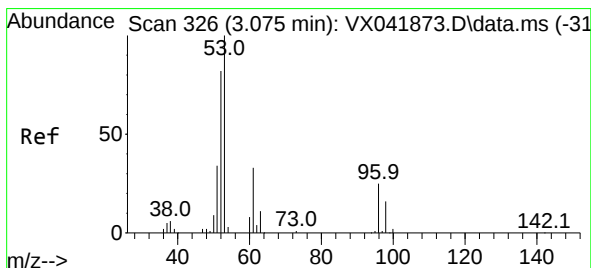
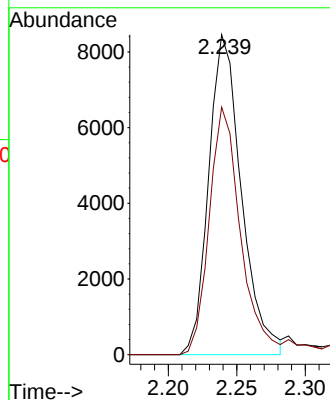
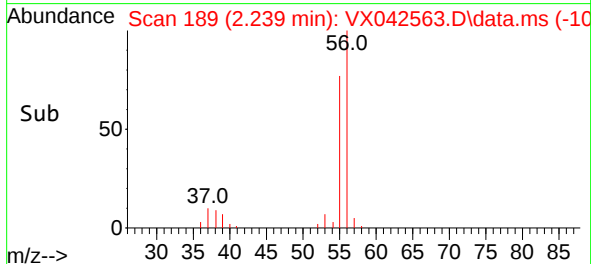
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



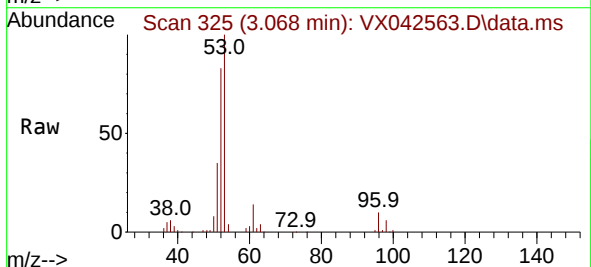
Tgt Ion: 56 Resp: 1405
Ion Ratio Lower Upper
56 100
55 73.7 55.4 83.0

Manual Integrations
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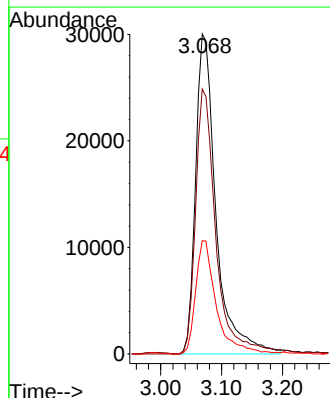
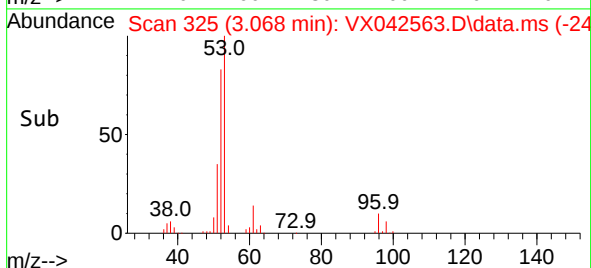
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024

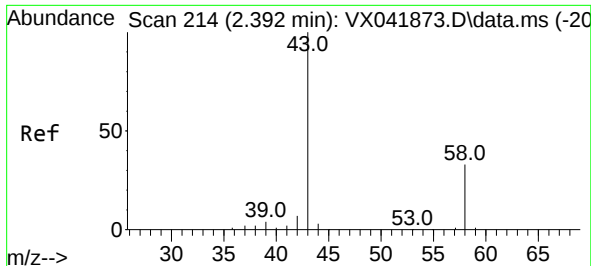


#14
Acrylonitrile
Concen: 94.257 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.007 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07



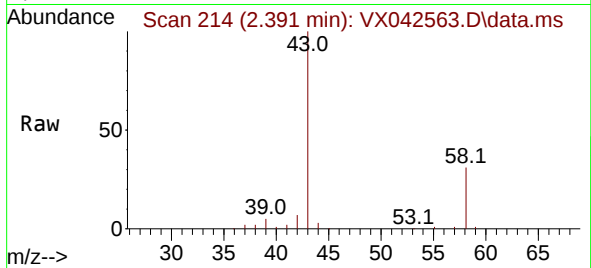
Tgt Ion: 53 Resp: 69964
Ion Ratio Lower Upper
53 100
52 82.3 39.9 119.7
51 35.5 17.4 52.3





#15
Acetone
Concen: 82.794 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

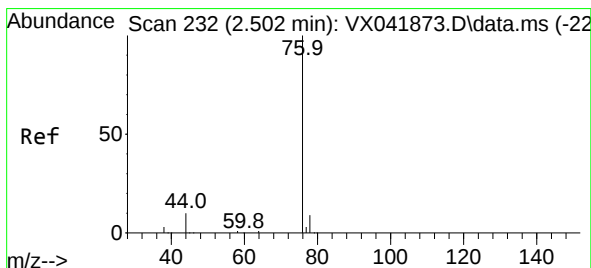
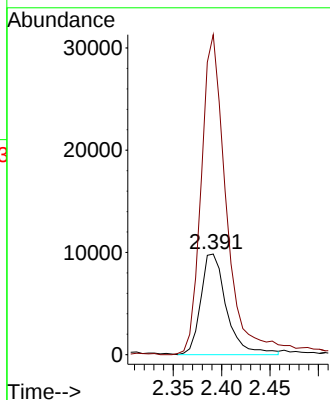
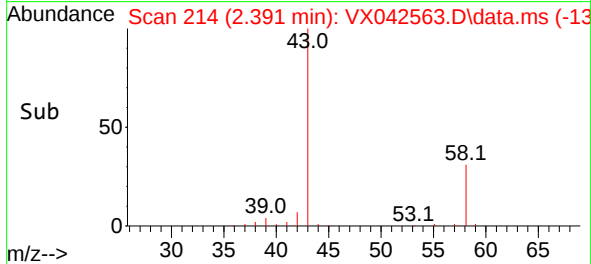
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



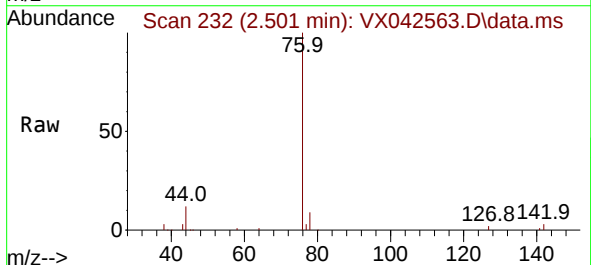
Tgt Ion: 58 Resp: 18280
Ion Ratio Lower Upper
58 100
43 316.9 243.4 365.2

Manual Integrations
APPROVED

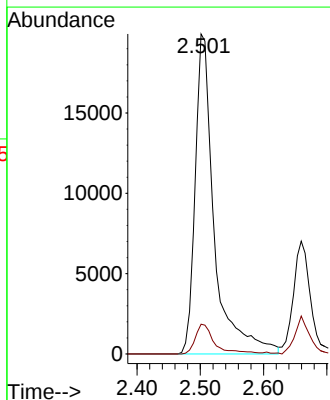
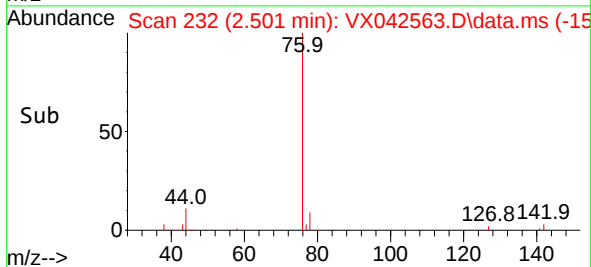
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024

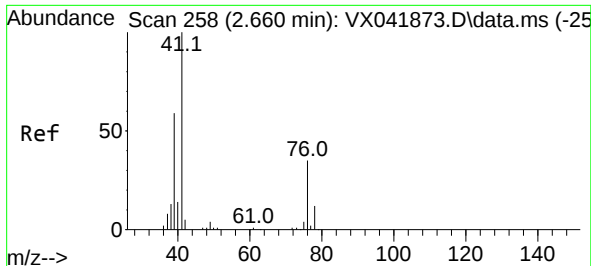


#16
Carbon Disulfide
Concen: 17.645 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07



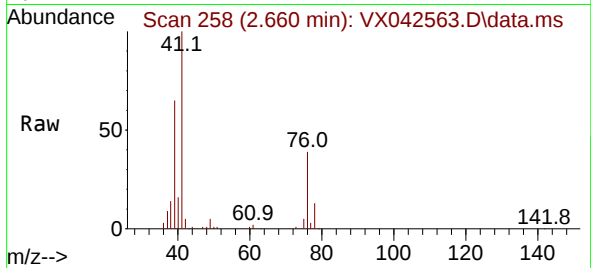
Tgt Ion: 76 Resp: 41950
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9





#17
 Allyl chloride
 Concen: 17.936 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. -0.000 min
 Lab File: VX042563.D
 Acq: 25 Jul 2024 13:07

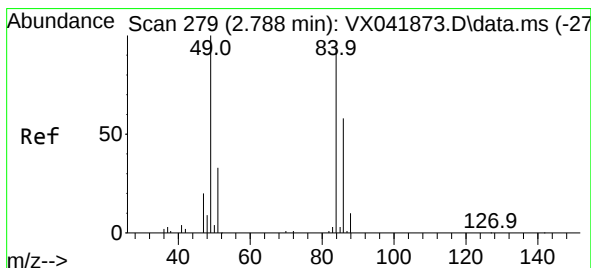
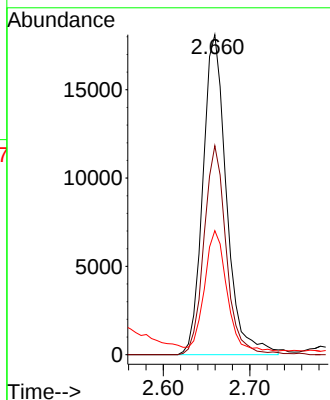
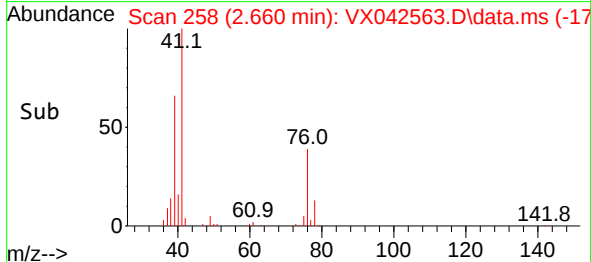
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 3432
 Ion Ratio Lower Upper
 41 100
 39 65.3 29.6 88.8
 76 37.6 18.1 54.4

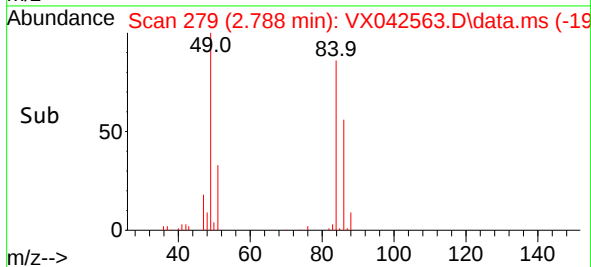
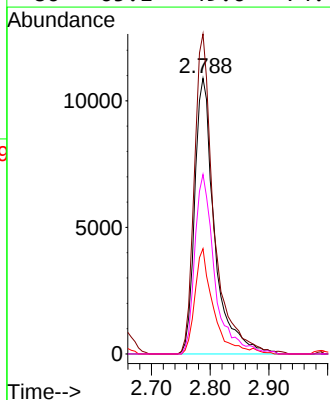
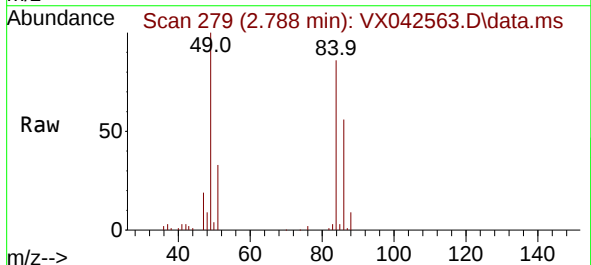
Manual Integrations
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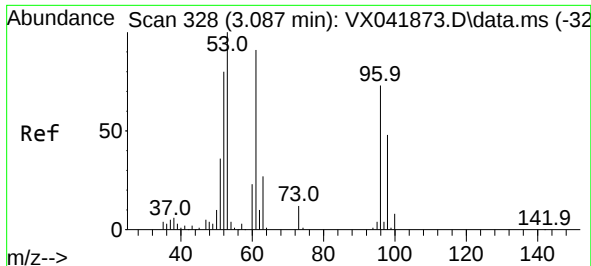
Reviewed By :John Carlone 07/26/2024
 Supervised By :Mahesh Dadoda 07/26/2024



#18
 Methylene Chloride
 Concen: 18.649 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX042563.D
 Acq: 25 Jul 2024 13:07

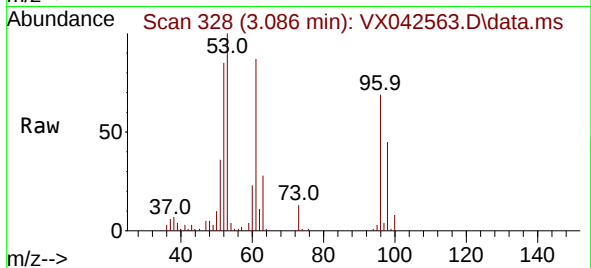
Tgt Ion: 84 Resp: 25613
 Ion Ratio Lower Upper
 84 100
 49 116.1 85.3 127.9
 51 38.2 28.5 42.7
 86 65.1 49.6 74.4





#19
trans-1,2-Dichloroethene
Concen: 18.317 ug/l
RT: 3.086 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

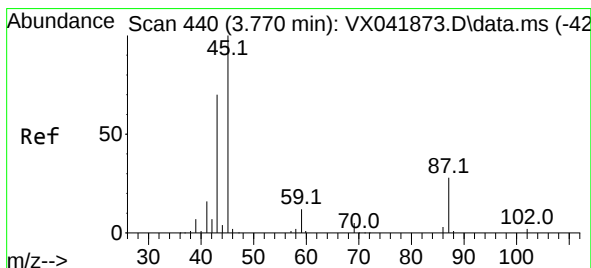
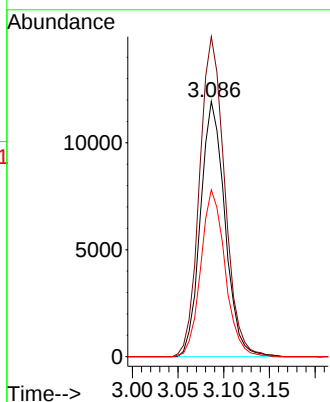
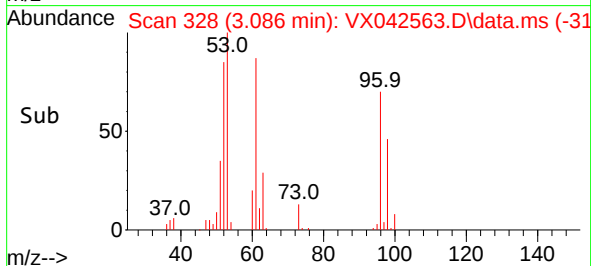
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 2225
Ion Ratio Lower Upper
96 100
61 124.9 100.1 150.1
98 65.4 52.1 78.1

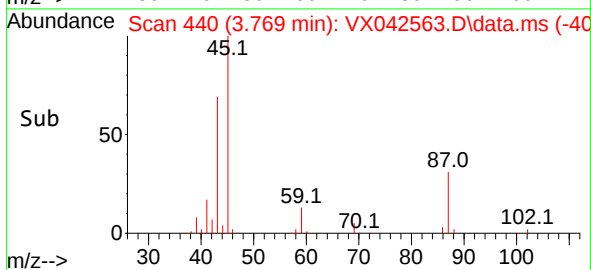
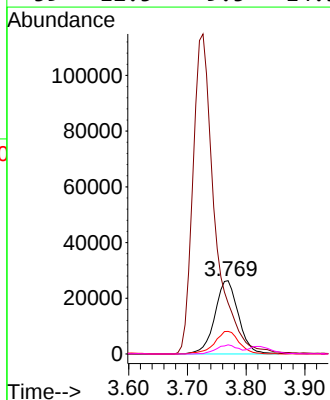
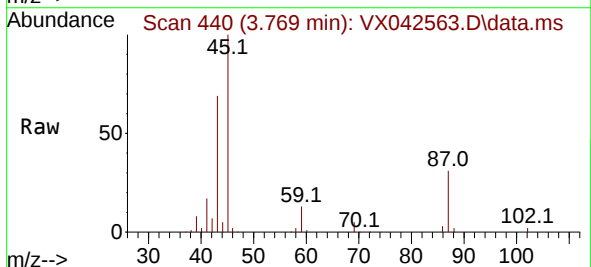
Manual Integrations
APPROVED

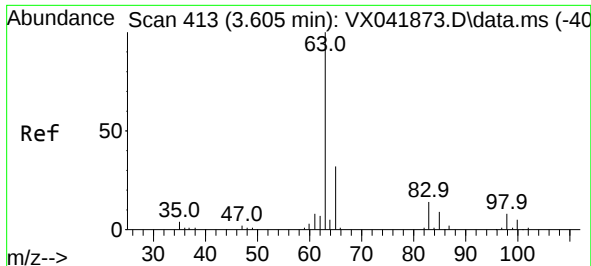
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#20
Diisopropyl ether
Concen: 18.234 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Tgt Ion: 45 Resp: 73524
Ion Ratio Lower Upper
45 100
43 67.7 55.8 83.8
87 30.9 22.6 34.0
59 12.5 9.5 14.3





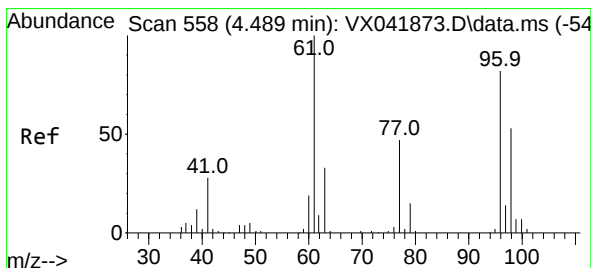
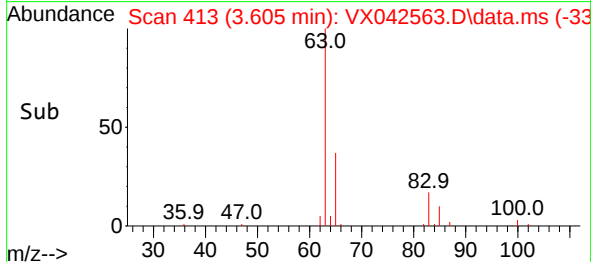
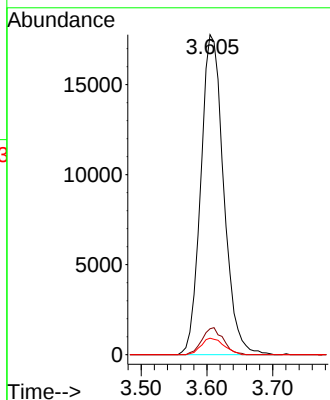
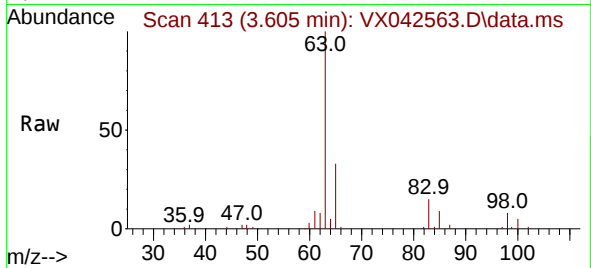
#21
1,1-Dichloroethane
Concen: 18.774 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 4297
Ion Ratio Lower Upper
63 100
98 8.1 4.2 12.4
100 5.1 2.5 7.4

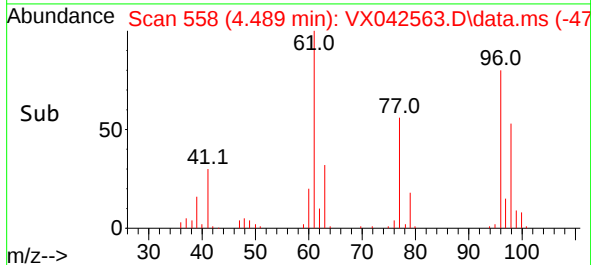
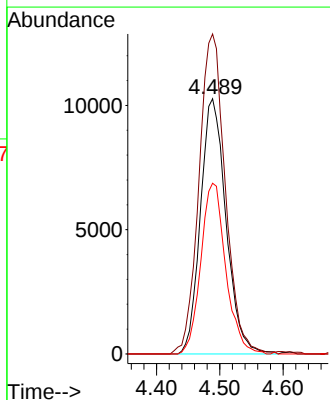
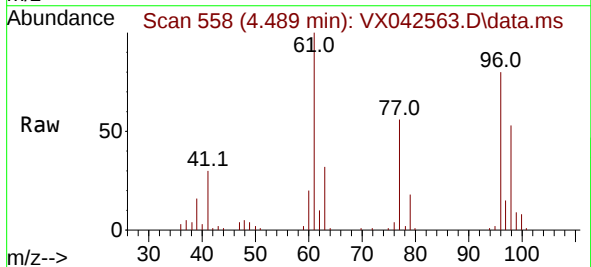
Manual Integrations
APPROVED

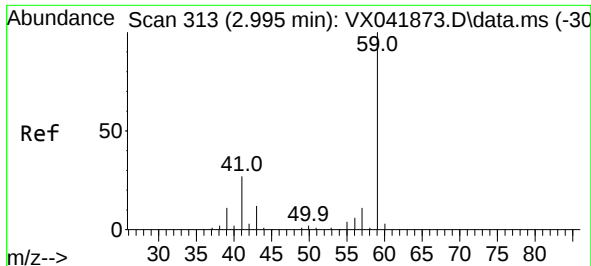
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#22
cis-1,2-Dichloroethene
Concen: 18.992 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

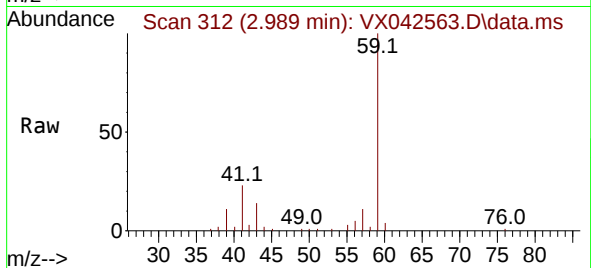
Tgt Ion: 96 Resp: 28891
Ion Ratio Lower Upper
96 100
61 129.3 103.3 154.9
98 65.3 52.2 78.2





#23
tert-Butyl Alcohol
Concen: 98.398 ug/l
RT: 2.989 min Scan# 313
Delta R.T. -0.007 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

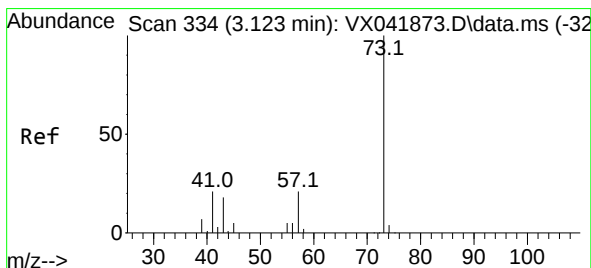
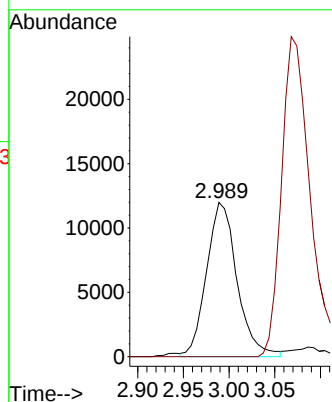
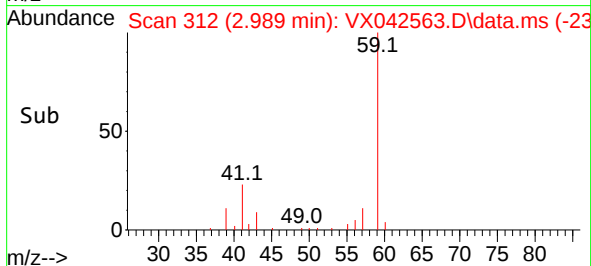
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 27835
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

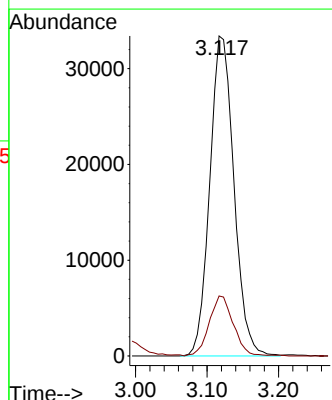
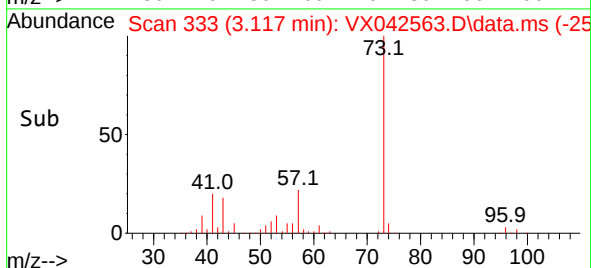
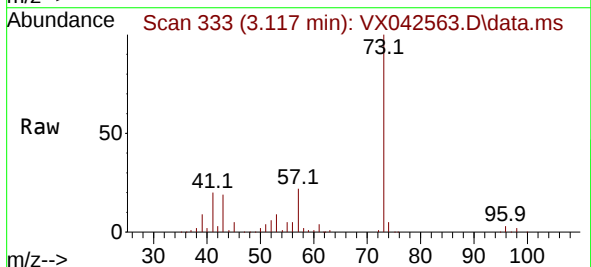
Manual Integrations
APPROVED

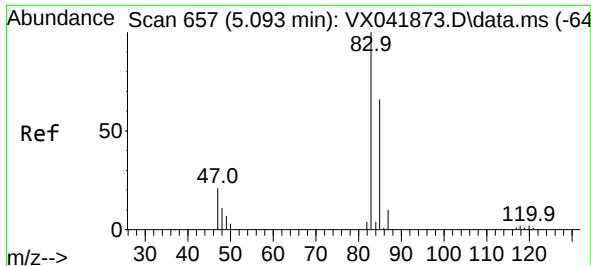
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#24
Methyl tert-Butyl Ether
Concen: 19.537 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.007 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

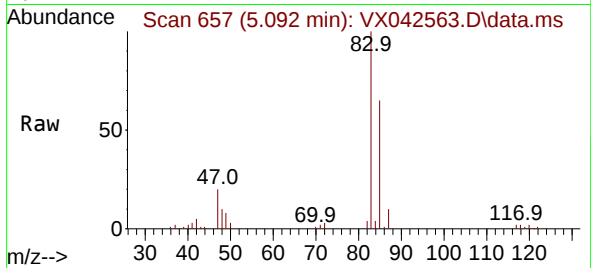
Tgt Ion: 73 Resp: 78422
Ion Ratio Lower Upper
73 100
43 18.6 15.1 22.7





#25
Chloroform
Concen: 19.512 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

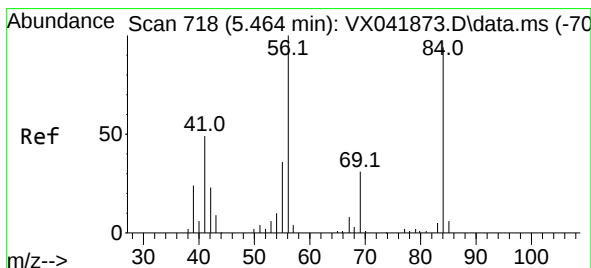
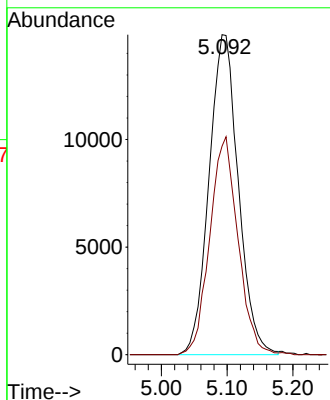
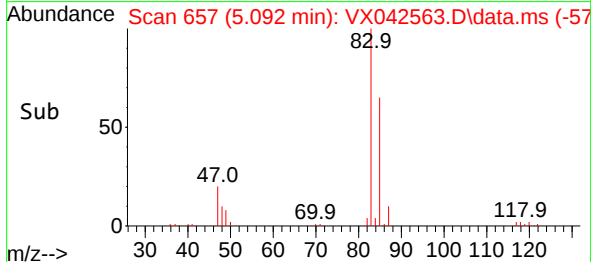
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 46160
Ion Ratio Lower Upper
83 100
85 65.1 52.7 79.1

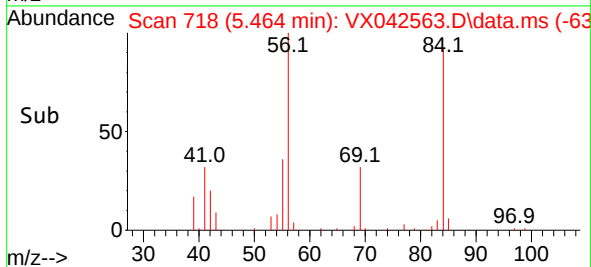
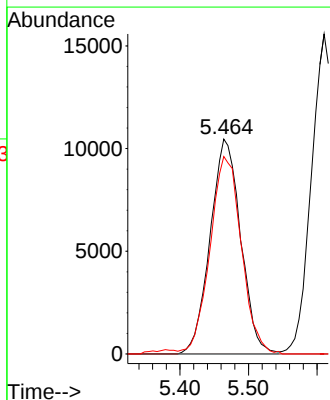
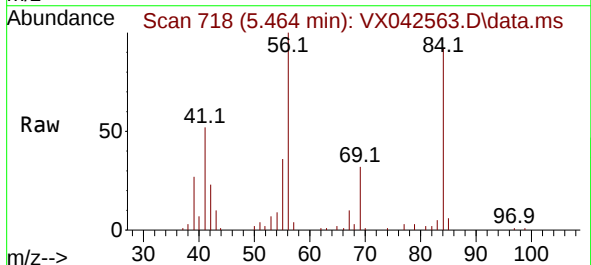
Manual Integrations
APPROVED

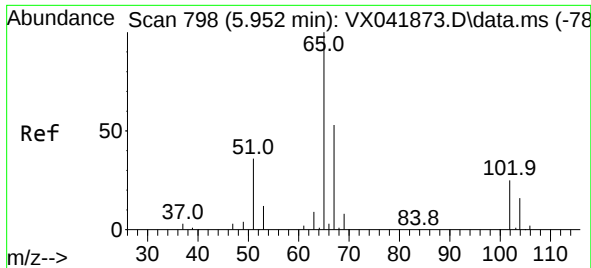
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#26
Cyclohexane
Concen: 17.072 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Tgt Ion: 56 Resp: 32363
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 94.1 73.1 109.7





#27
1,2-Dichloroethane-d4
Concen: 30.065 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

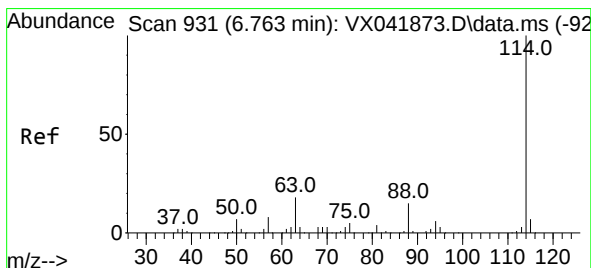
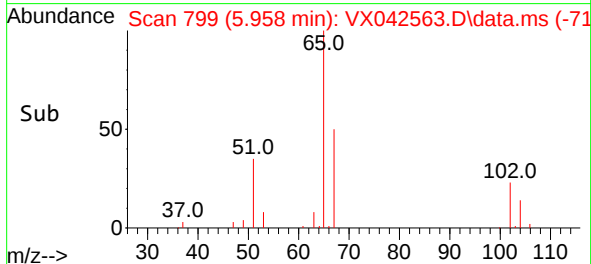
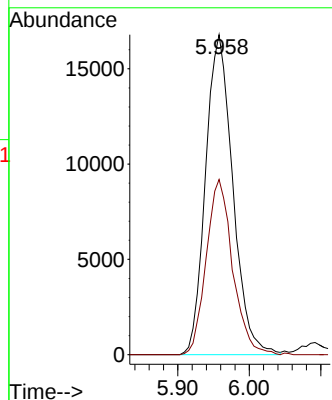
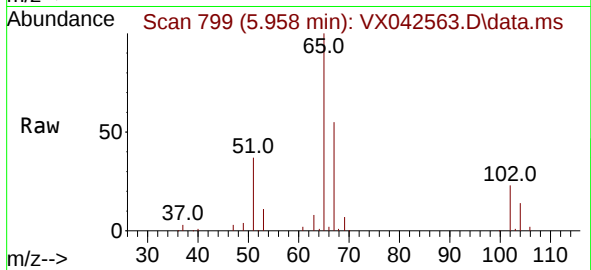
VSTDCCC020EC

Tgt Ion: 65 Resp: 44419
Ion Ratio Lower Upper
65 100
67 53.1 43.4 65.0

Manual Integrations

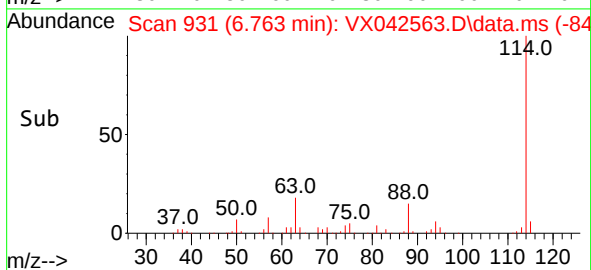
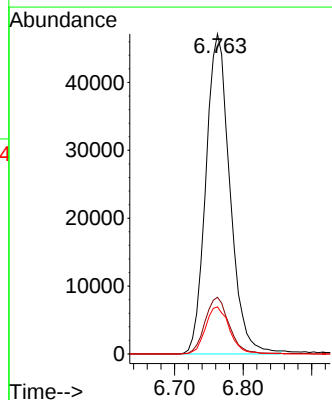
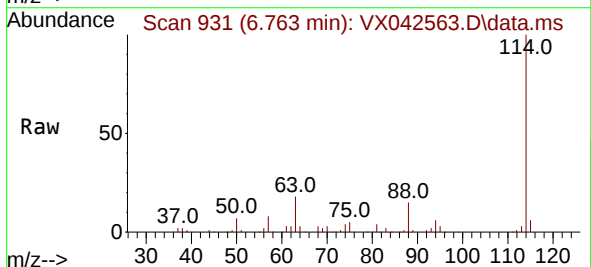
APPROVED

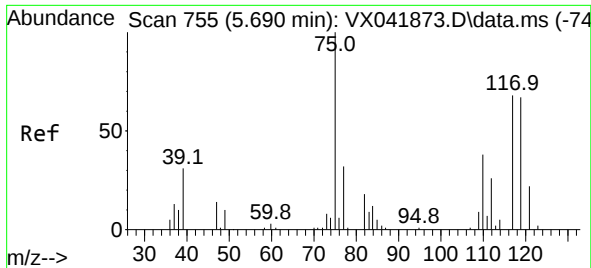
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

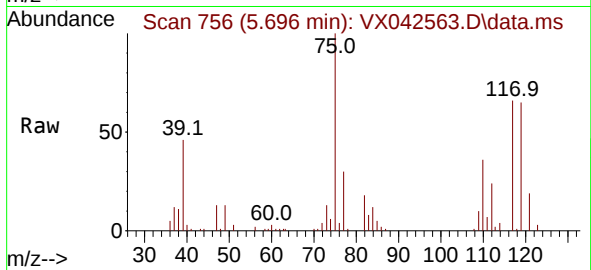
Tgt Ion:114 Resp: 115108
Ion Ratio Lower Upper
114 100
63 17.6 14.6 21.8
88 14.7 11.8 17.8





#29
1,1-Dichloropropene
Concen: 18.761 ug/l
RT: 5.696 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

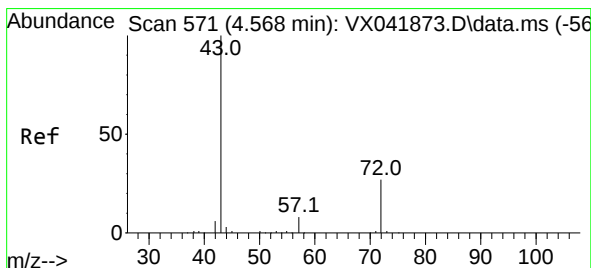
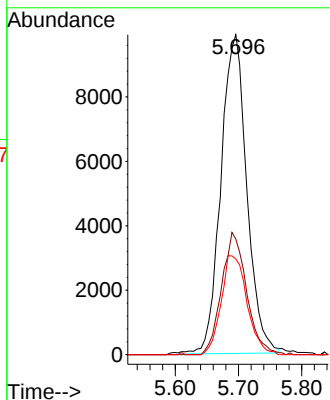
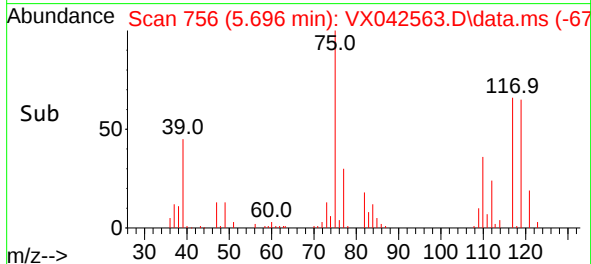
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 28160
Ion Ratio Lower Upper
75 100
110 37.0 0.0 80.2
77 31.0 0.0 65.2

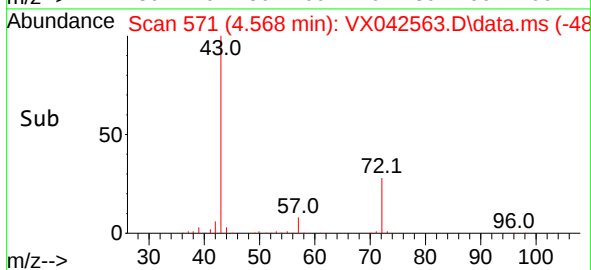
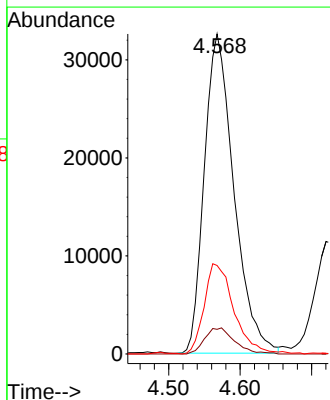
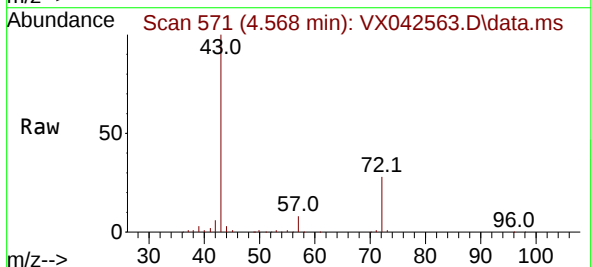
Manual Integrations
APPROVED

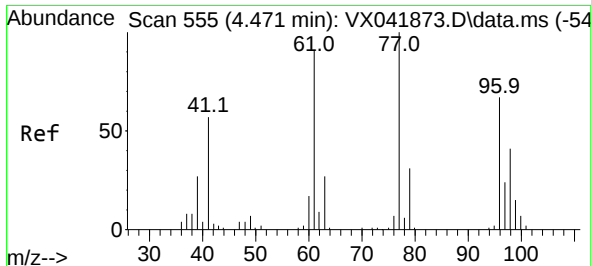
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#30
2-Butanone
Concen: 93.471 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

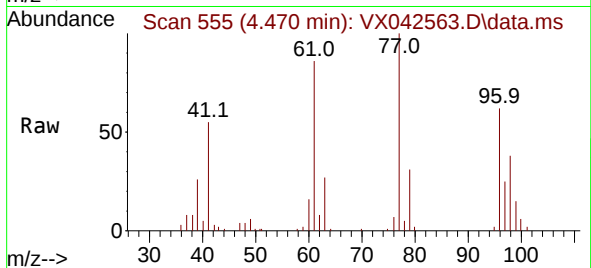
Tgt Ion: 43 Resp: 93671
Ion Ratio Lower Upper
43 100
57 8.0 6.5 9.7
72 28.1 22.0 33.0





#31
2,2-Dichloropropane
Concen: 17.657 ug/l
RT: 4.470 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

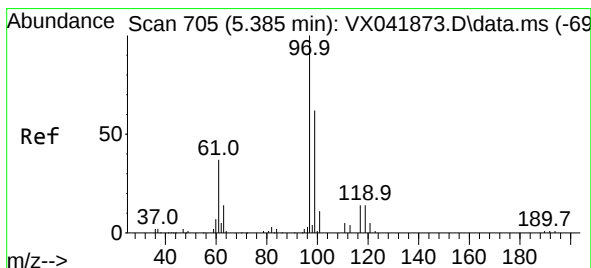
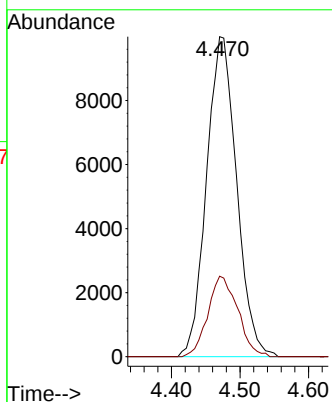
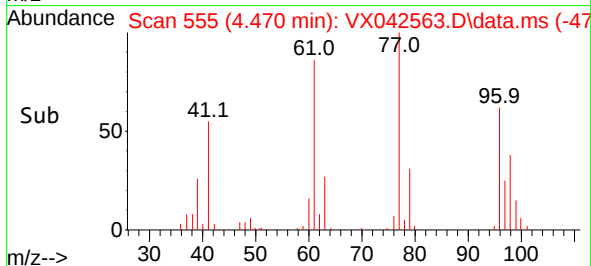
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 77 Resp: 30469
Ion Ratio Lower Upper
77 100
97 25.0 20.2 30.2

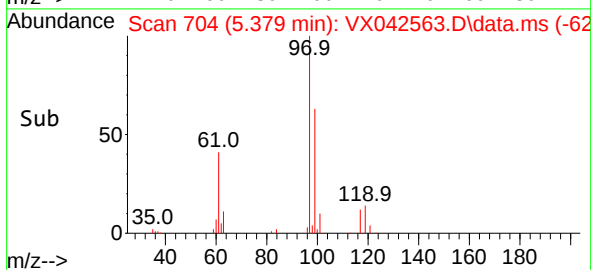
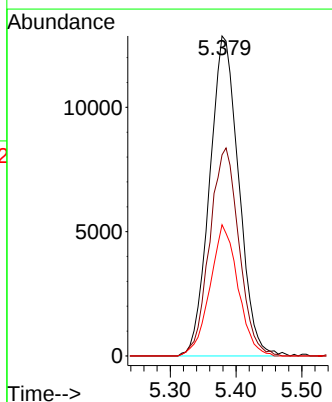
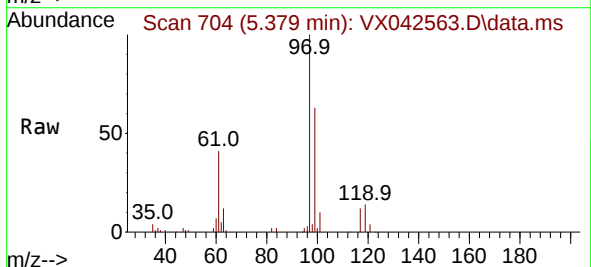
Manual Integrations
APPROVED

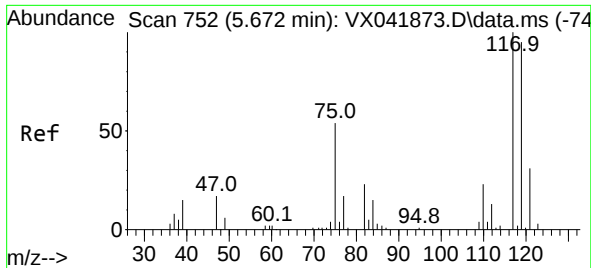
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#32
1,1,1-Trichloroethane
Concen: 20.467 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.007 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

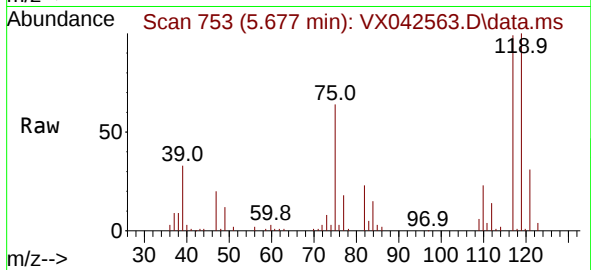
Tgt Ion: 97 Resp: 39680
Ion Ratio Lower Upper
97 100
99 65.5 52.0 78.0
61 39.5 31.7 47.5





#33
Carbon Tetrachloride
Concen: 20.088 ug/l
RT: 5.677 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

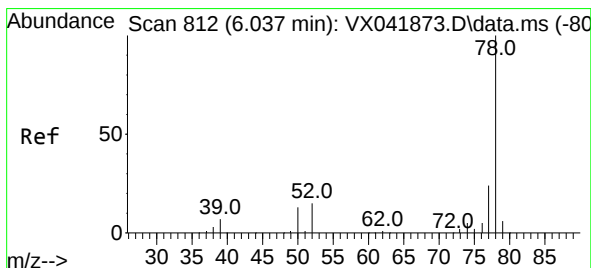
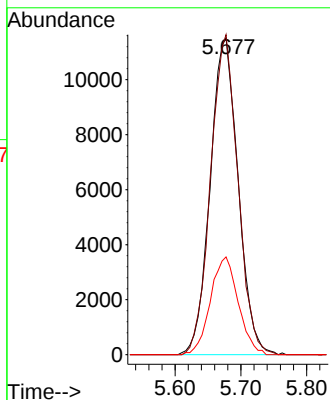
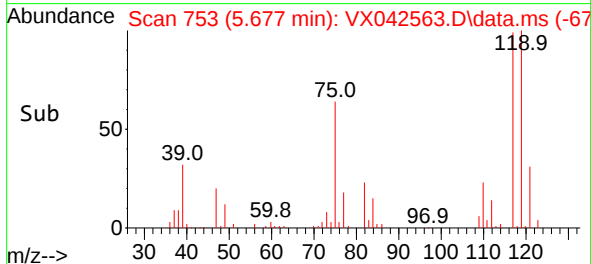
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 3401
Ion Ratio Lower Upper
117 100
119 101.0 75.7 113.5
121 30.9 24.9 37.3

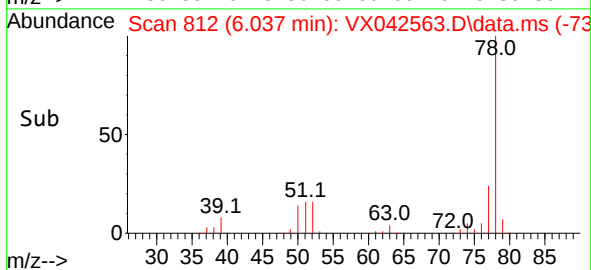
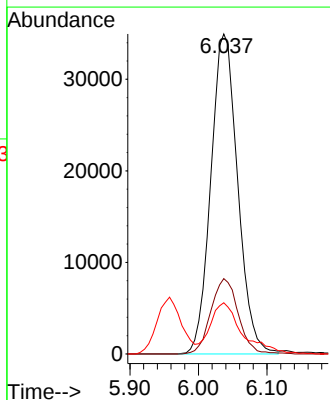
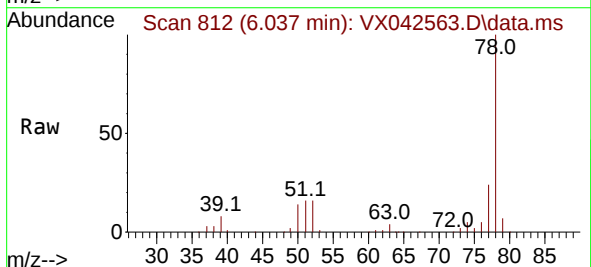
Manual Integrations
APPROVED

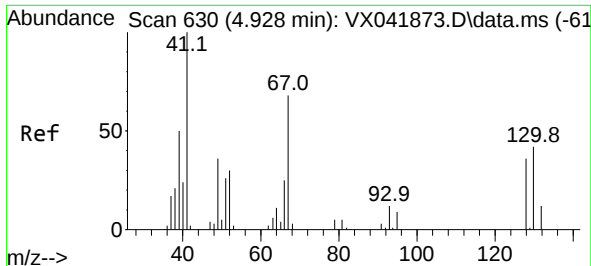
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#34
Benzene
Concen: 19.329 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

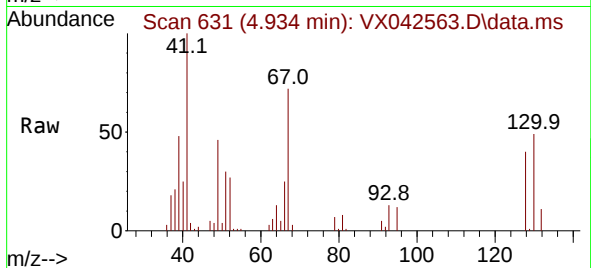
Tgt Ion: 78 Resp: 95266
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3
51 15.0 11.8 17.8





#35
Methacrylonitrile
Concen: 20.503 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

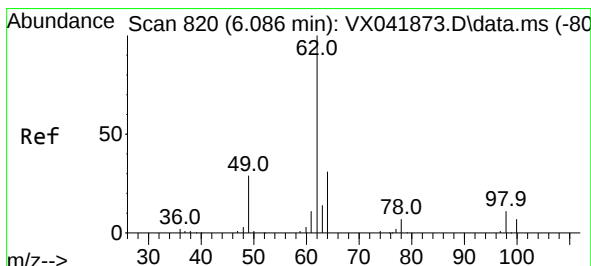
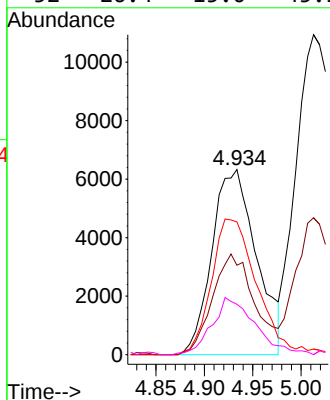
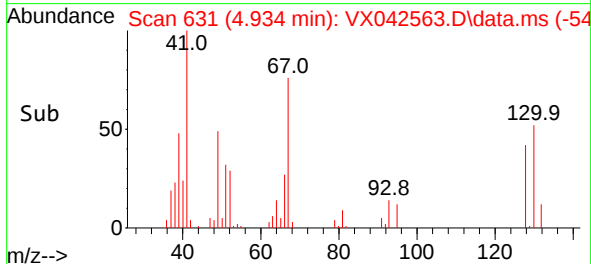
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 20270
Ion Ratio Lower Upper
41 100
39 48.3 25.2 75.6
67 71.8 34.2 102.5
52 26.4 15.0 45.1

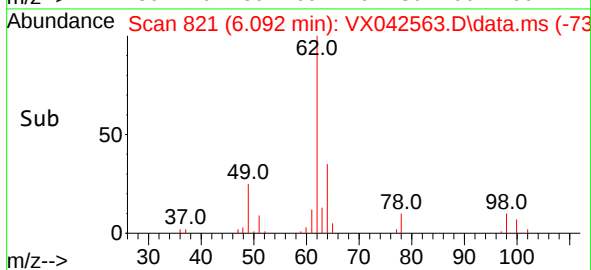
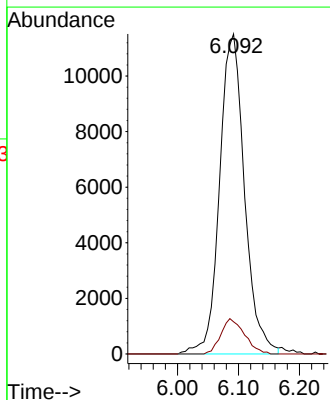
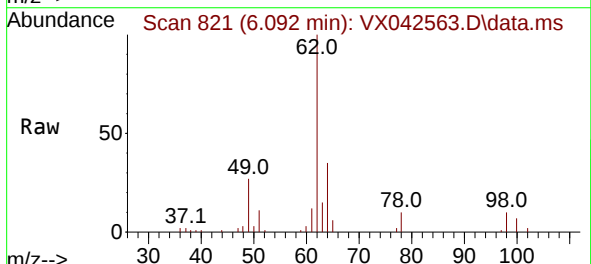
Manual Integrations
APPROVED

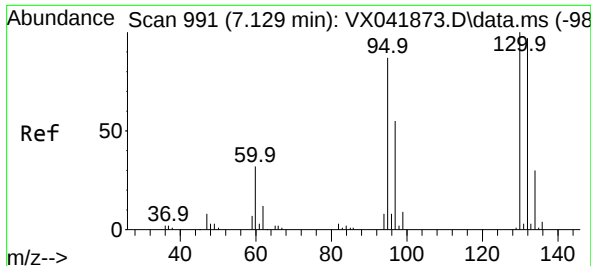
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#36
1,2-Dichloroethane
Concen: 20.458 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

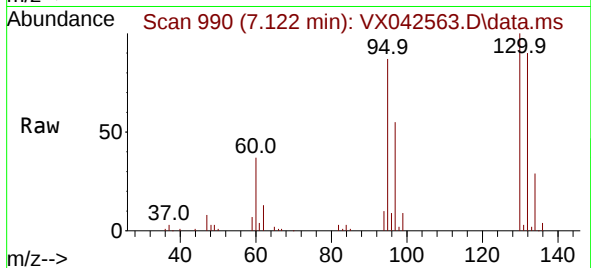
Tgt Ion: 62 Resp: 32702
Ion Ratio Lower Upper
62 100
98 10.5 9.1 13.7





#37
Trichloroethene
Concen: 19.895 ug/l
RT: 7.122 min Scan# 991
Delta R.T. -0.007 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

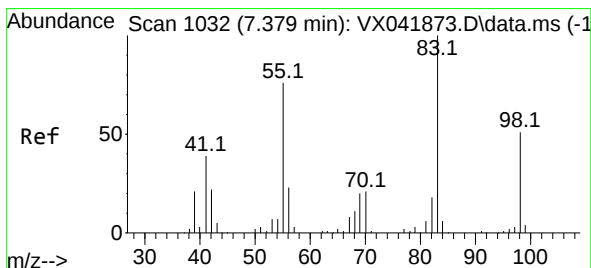
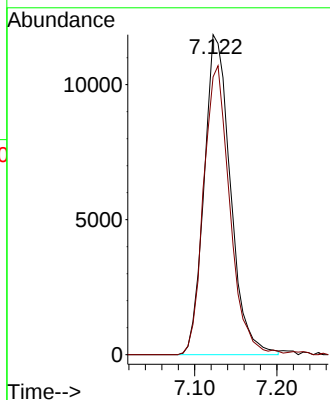
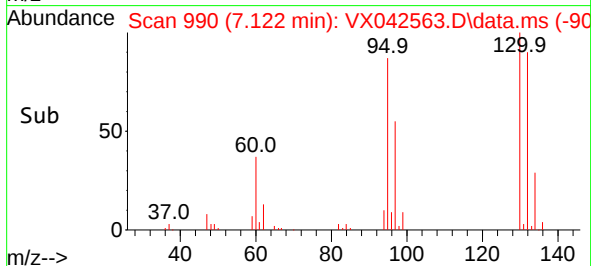
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:130 Resp: 26369
Ion Ratio Lower Upper
130 100
95 86.8 69.4 104.0

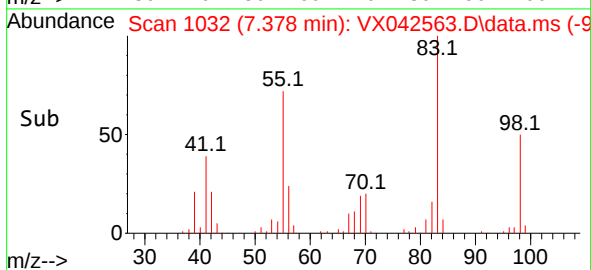
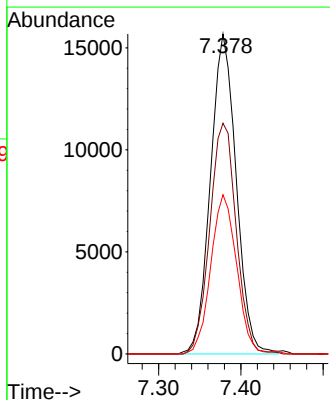
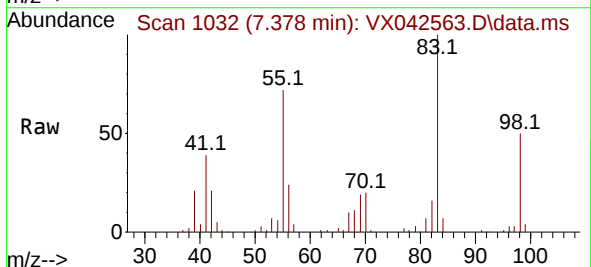
Manual Integrations
APPROVED

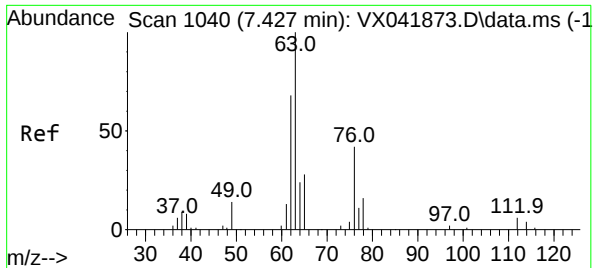
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#38
Methylcyclohexane
Concen: 17.689 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Tgt Ion: 83 Resp: 34141
Ion Ratio Lower Upper
83 100
55 73.9 37.3 111.9
98 49.8 24.8 74.4





#39

1,2-Dichloropropane

Concen: 19.273 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX042563.D

Acq: 25 Jul 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 23350

Ion Ratio Lower Upper

63 100

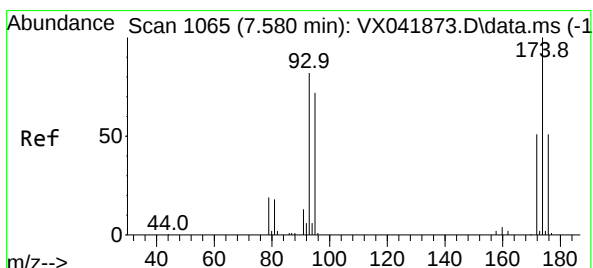
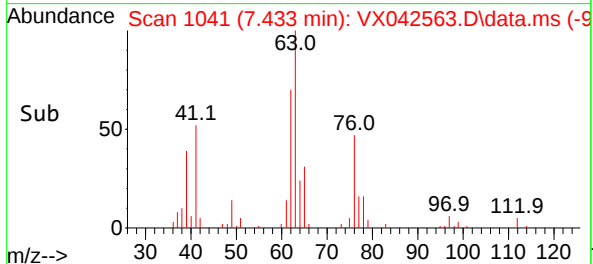
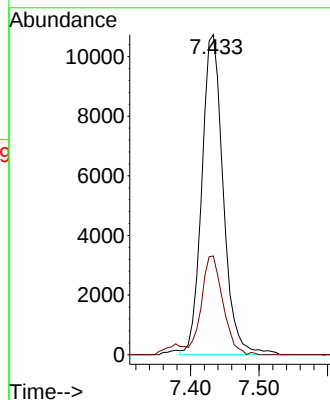
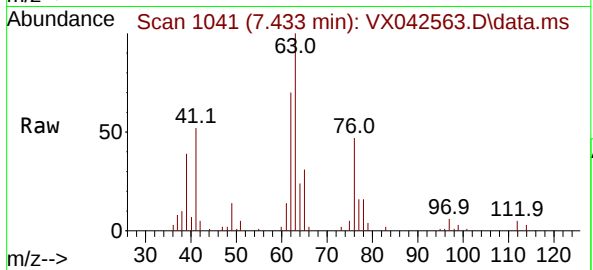
65 30.8 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2024

Supervised By :Mahesh Dadoda 07/26/2024



#40

Dibromomethane

Concen: 20.205 ug/l

RT: 7.579 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX042563.D

Acq: 25 Jul 2024 13:07

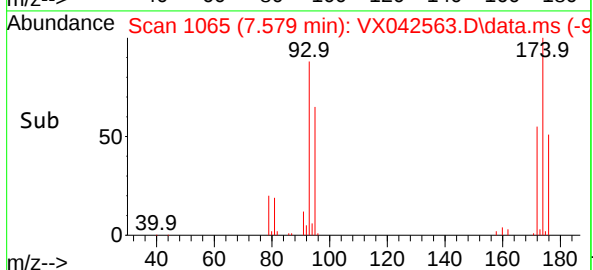
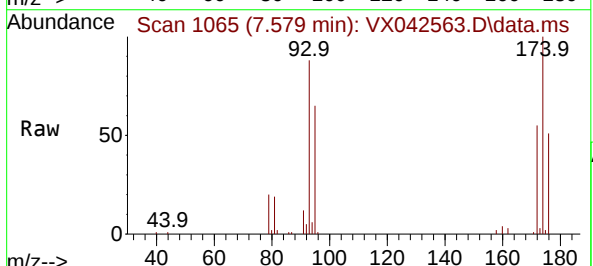
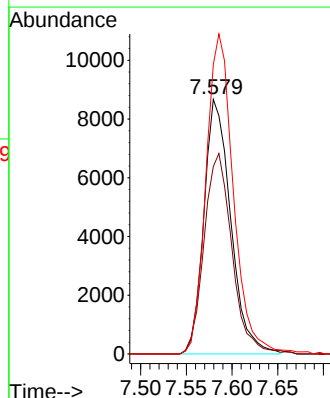
Tgt Ion: 93 Resp: 17670

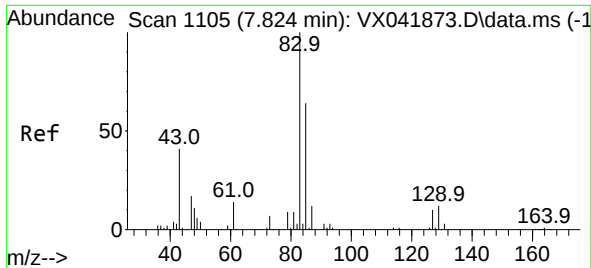
Ion Ratio Lower Upper

93 100

95 82.0 0.0 168.6

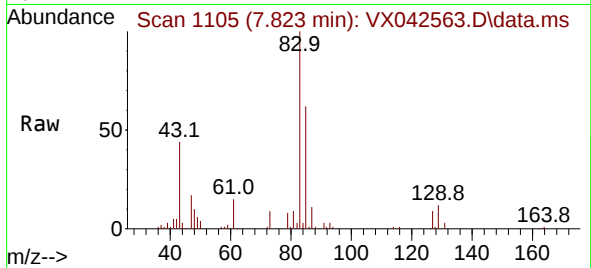
174 128.2 0.0 255.0





#41
Bromodichloromethane
Concen: 19.996 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

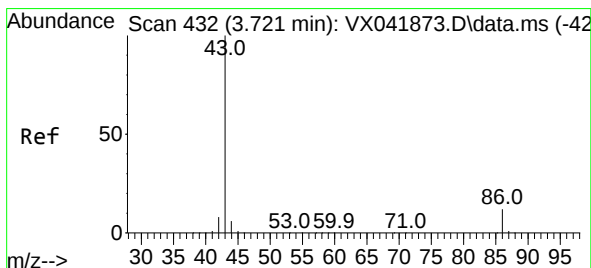
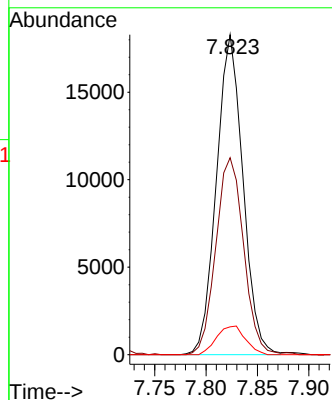
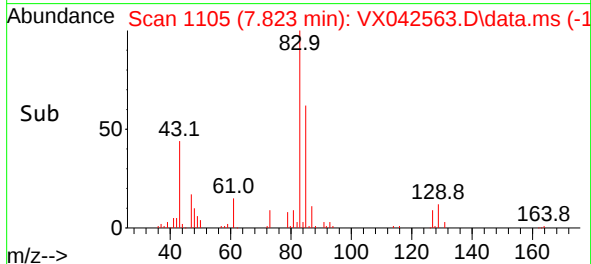
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



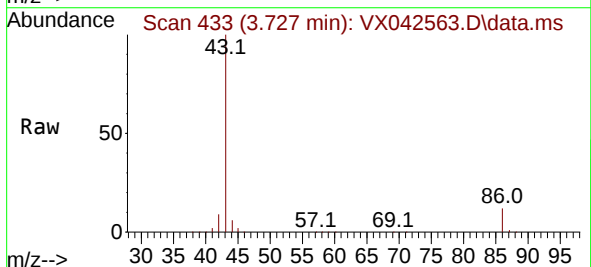
Tgt Ion: 83 Resp: 32798
Ion Ratio Lower Upper
83 100
85 61.5 51.1 76.7
127 9.9 8.1 12.1

Manual Integrations
APPROVED

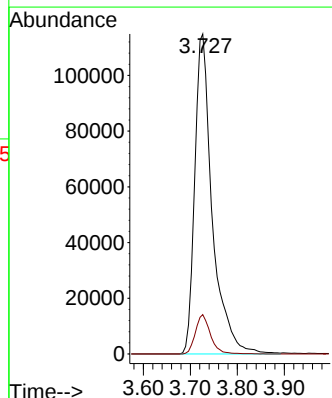
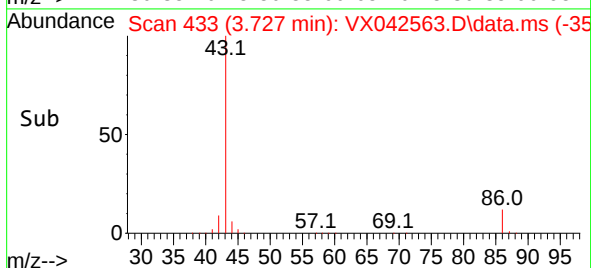
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024

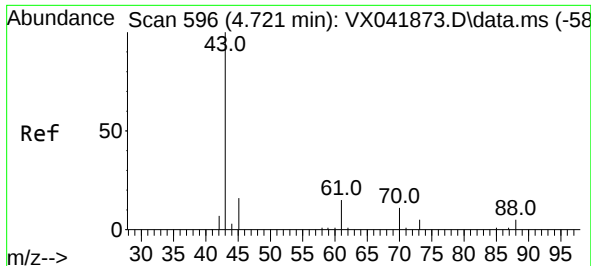


#42
Vinyl Acetate
Concen: 92.091 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07



Tgt Ion: 43 Resp: 298584
Ion Ratio Lower Upper
43 100
86 10.5 8.5 12.7





#43
Ethyl Acetate
Concen: 19.741 ug/l
RT: 4.720 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

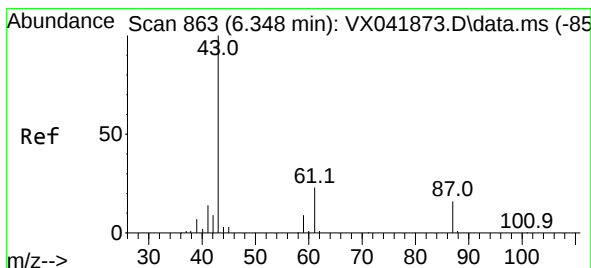
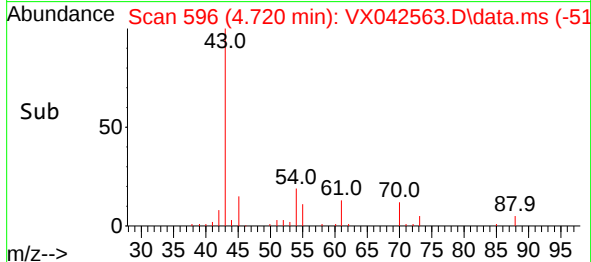
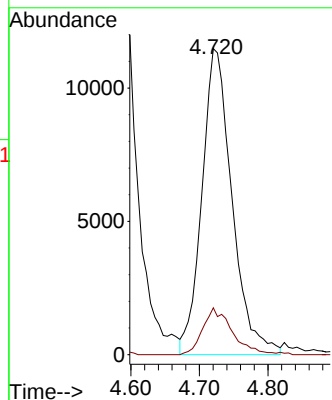
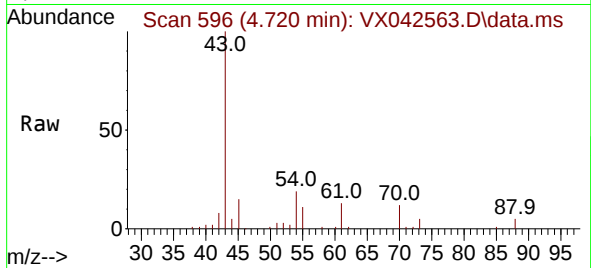
VSTDCCC020EC

Tgt Ion: 43 Resp: 35110
Ion Ratio Lower Upper
43 100
45 7.8 12.4 18.6

Manual Integrations

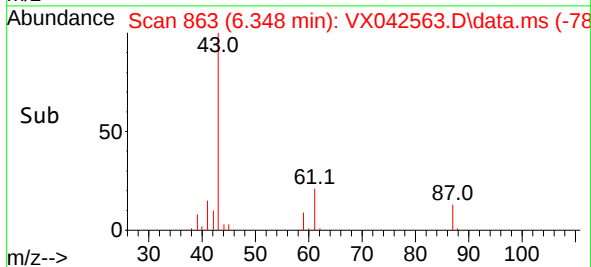
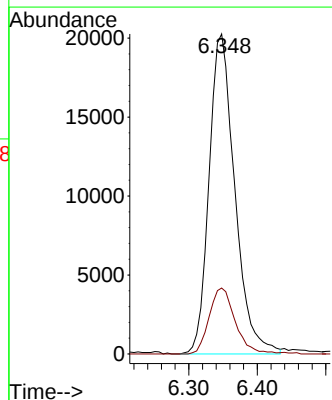
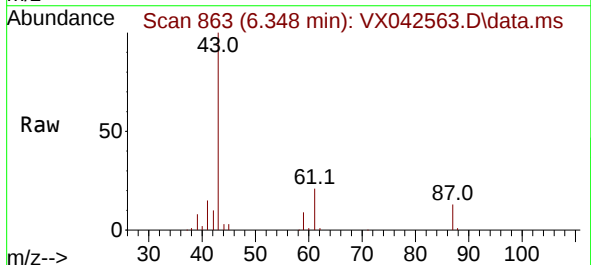
APPROVED

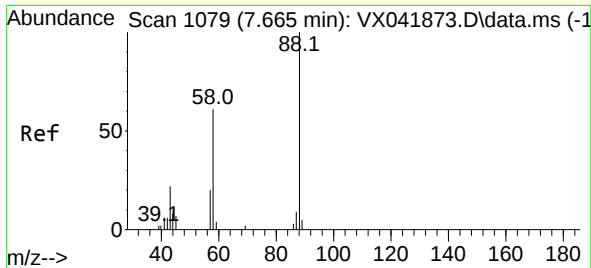
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#44
Isopropyl Acetate
Concen: 18.959 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

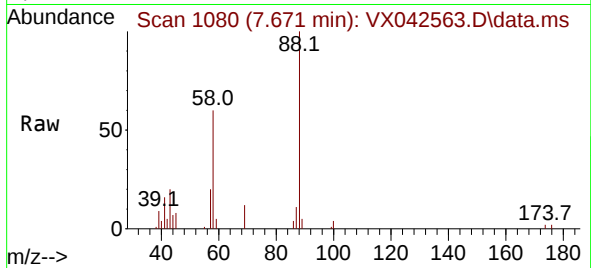
Tgt Ion: 43 Resp: 52969
Ion Ratio Lower Upper
43 100
61 20.7 17.4 26.0





#45
1,4-Dioxane
Concen: 300.831 ug/l
RT: 7.671 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

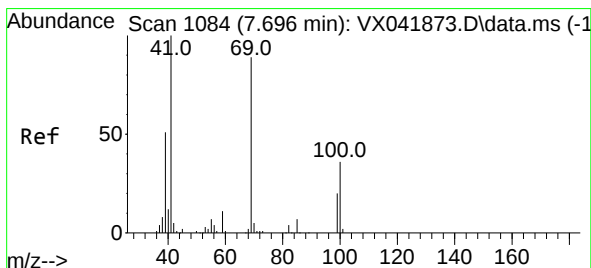
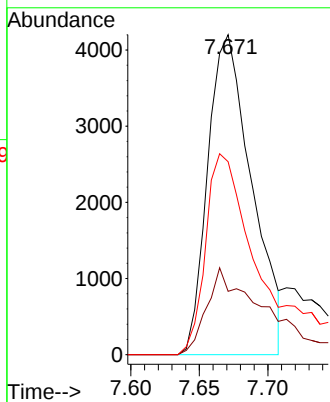
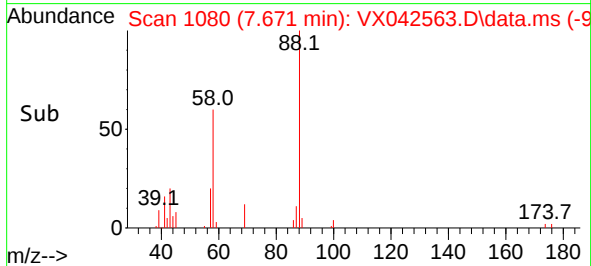
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 9410
Ion Ratio Lower Upper
88 100
43 13.6 23.2 34.8
58 64.0 52.6 78.8

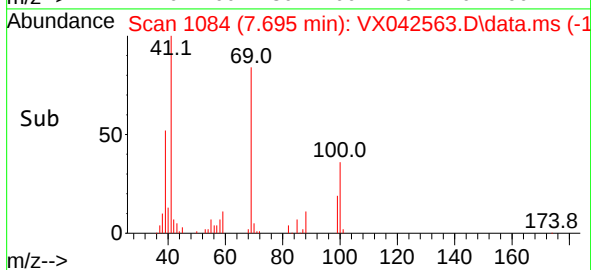
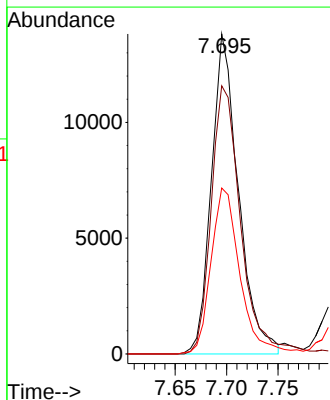
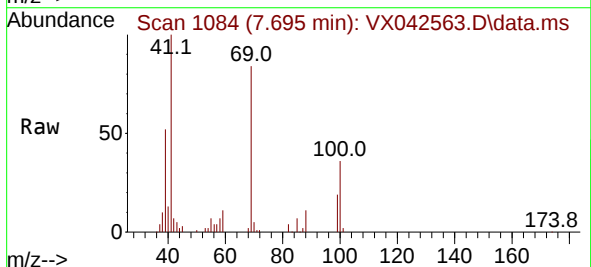
Manual Integrations
APPROVED

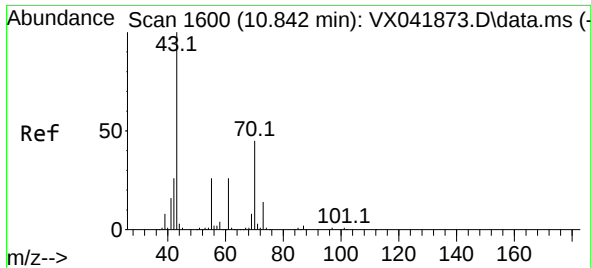
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#46
Methyl methacrylate
Concen: 18.598 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

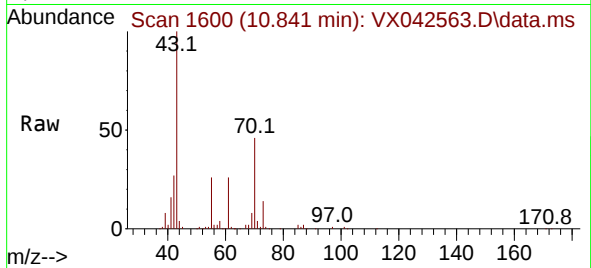
Tgt Ion: 41 Resp: 25322
Ion Ratio Lower Upper
41 100
69 83.8 44.4 133.1
39 51.9 25.5 76.5





#47
n-amy1 Acetate
Concen: 18.029 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

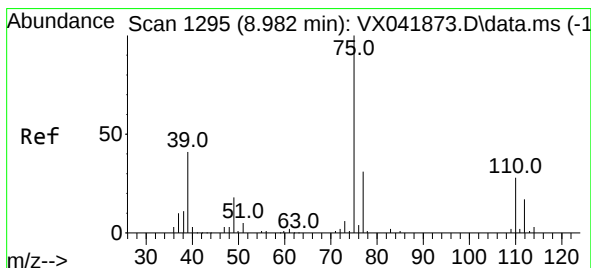
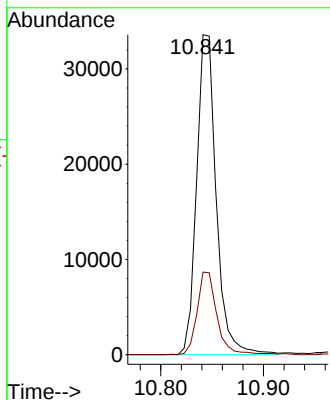
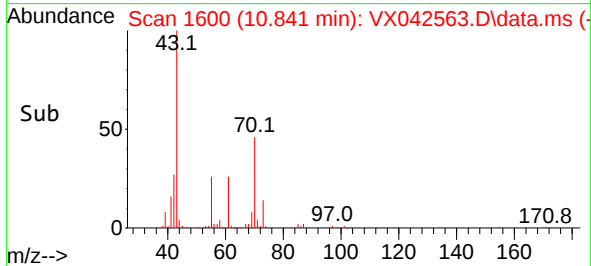
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 44750
Ion Ratio Lower Upper
43 100
55 25.8 21.0 31.4

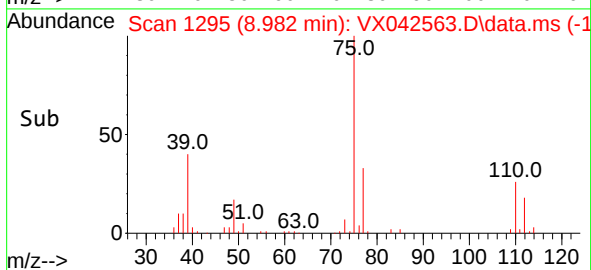
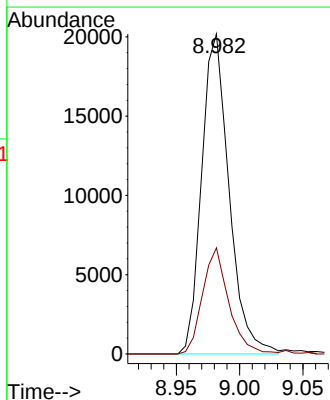
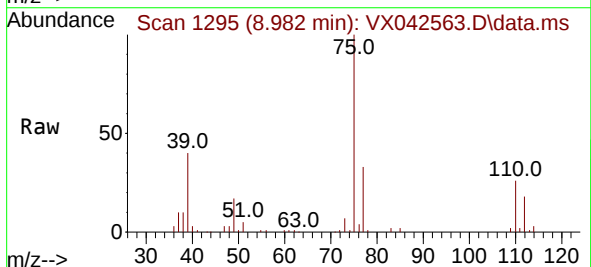
Manual Integrations
APPROVED

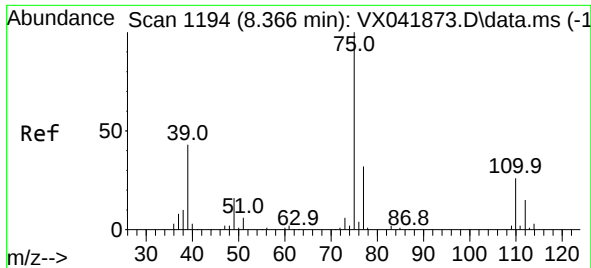
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#48
t-1,3-Dichloropropene
Concen: 18.633 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Tgt Ion: 75 Resp: 30468
Ion Ratio Lower Upper
75 100
77 33.2 25.1 37.7





#49
cis-1,3-Dichloropropene
Concen: 18.789 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

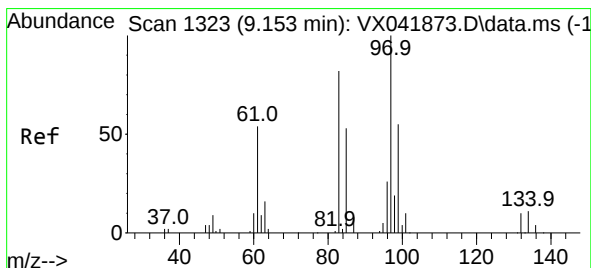
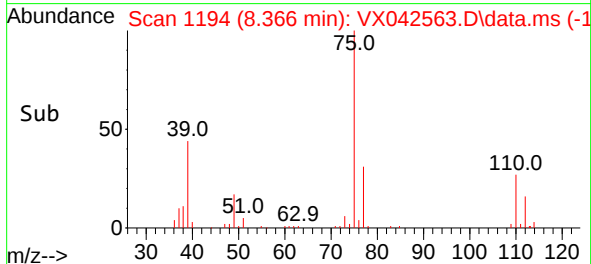
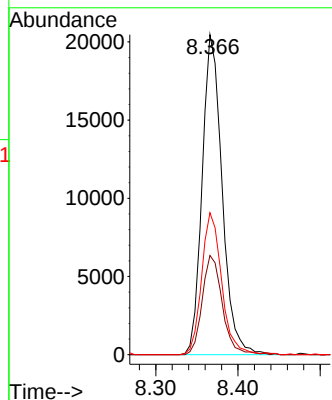
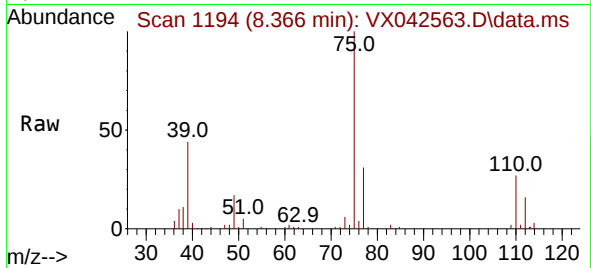
VSTDCCC020EC

Tgt Ion: 75 Resp: 3453
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.8
39 44.4 34.8 52.2

Manual Integrations

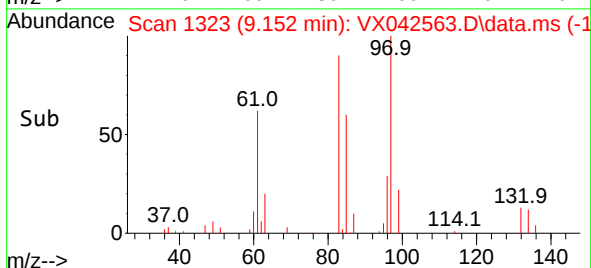
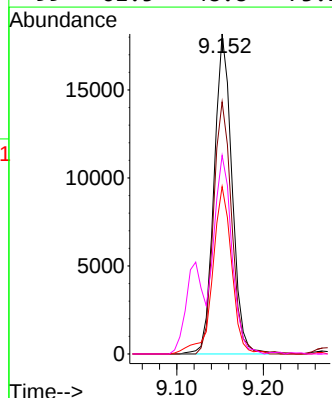
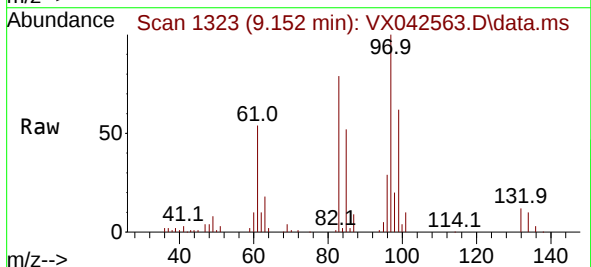
APPROVED

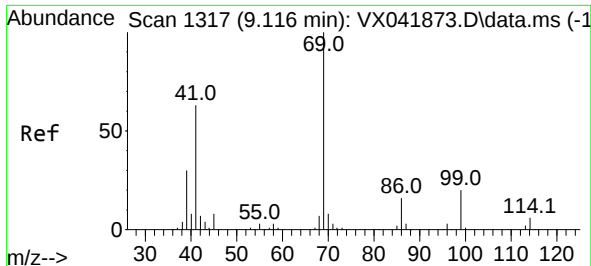
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#50
1,1,2-Trichloroethane
Concen: 20.462 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

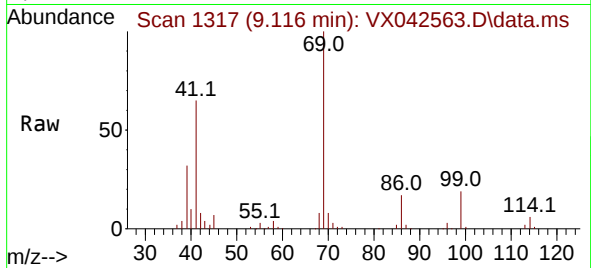
Tgt Ion: 97 Resp: 26242
Ion Ratio Lower Upper
97 100
83 78.8 65.9 98.9
85 52.3 42.9 64.3
99 61.5 48.8 73.2





#51
Ethyl methacrylate
Concen: 19.020 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

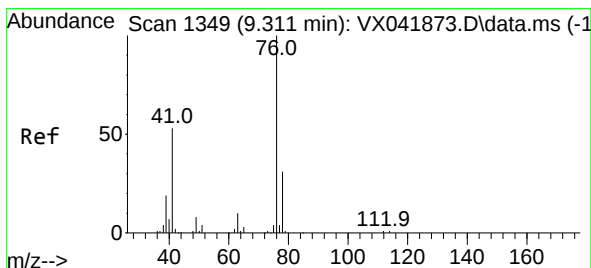
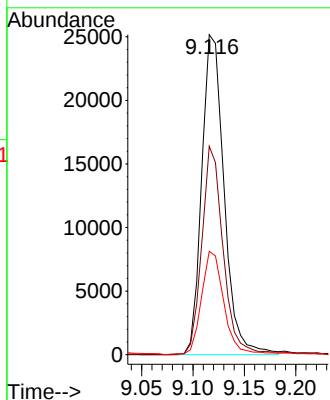
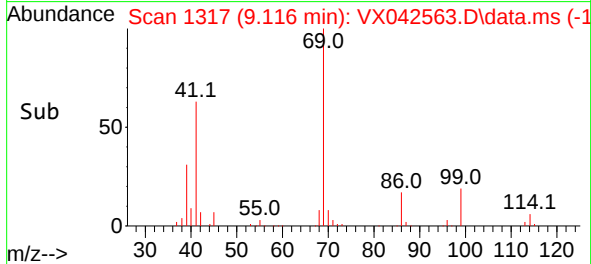
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 38140
Ion Ratio Lower Upper
69 100
41 64.9 31.6 94.7
39 32.1 15.3 45.8

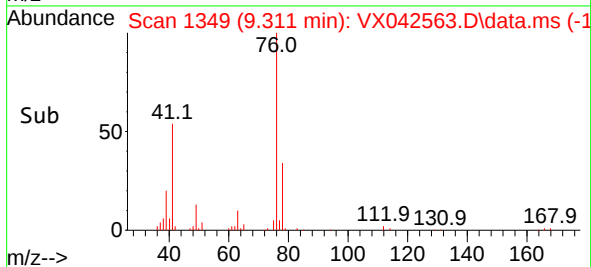
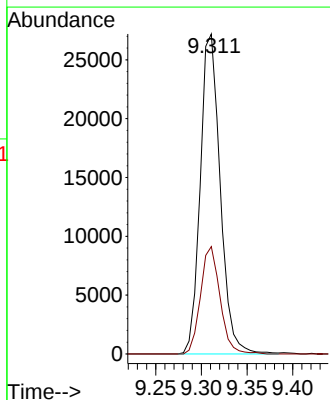
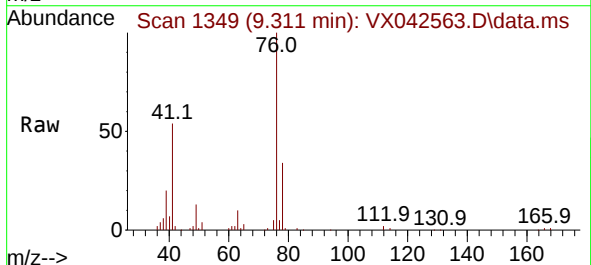
Manual Integrations
APPROVED

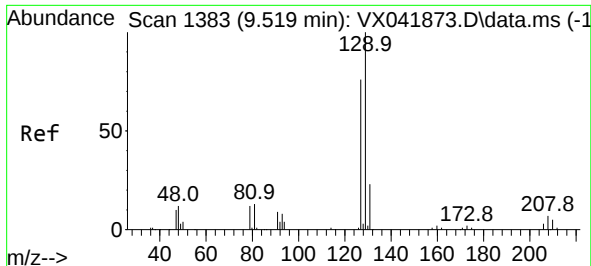
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#52
1,3-Dichloropropane
Concen: 19.816 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Tgt Ion: 76 Resp: 41282
Ion Ratio Lower Upper
76 100
78 32.7 0.0 66.0





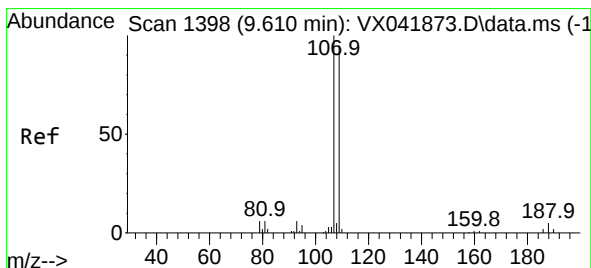
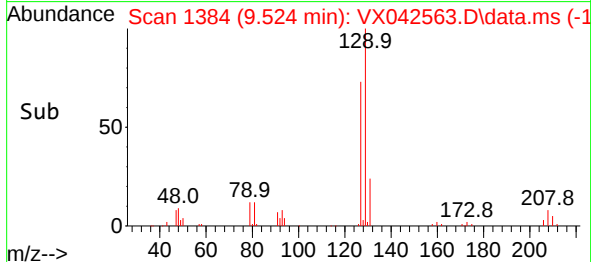
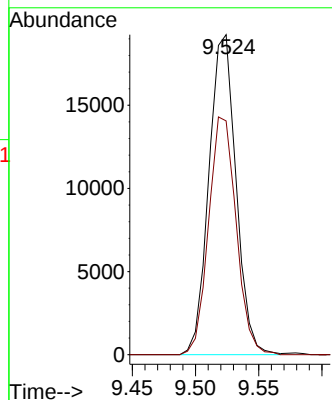
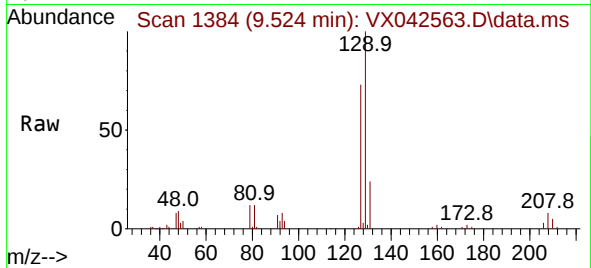
#53
Dibromochloromethane
Concen: 20.373 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 2871
Ion Ratio Lower Upper
129 100
127 75.5 38.8 116.4

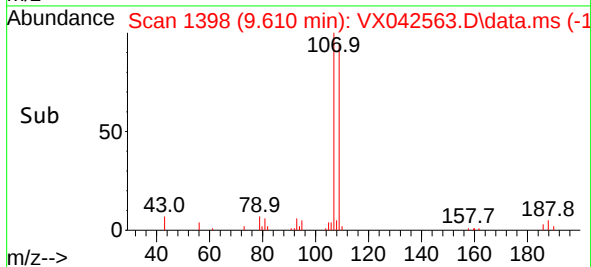
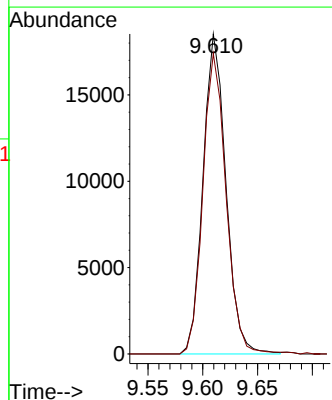
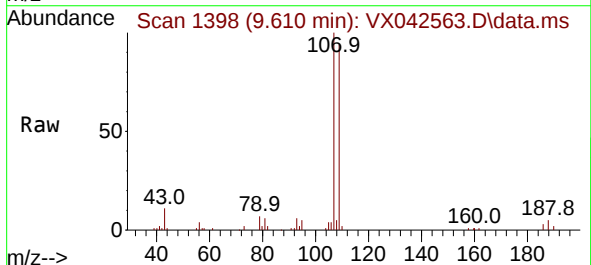
Manual Integrations
APPROVED

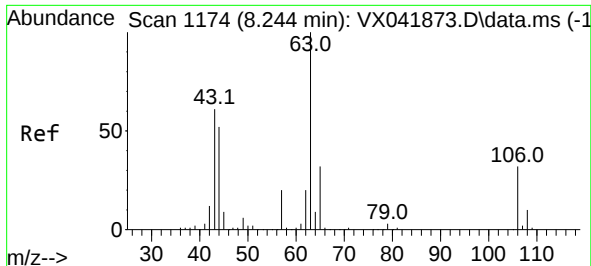
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#54
1,2-Dibromoethane
Concen: 20.185 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Tgt Ion:107 Resp: 26923
Ion Ratio Lower Upper
107 100
109 94.8 75.7 113.5





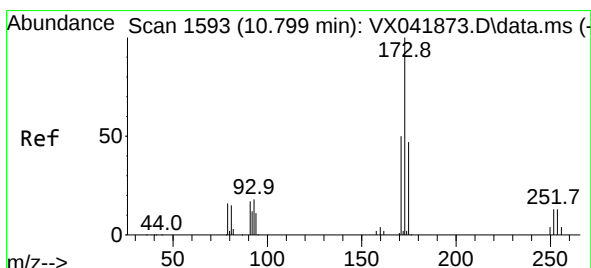
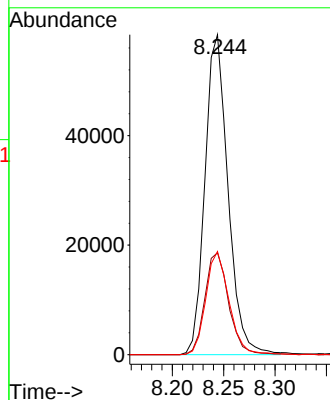
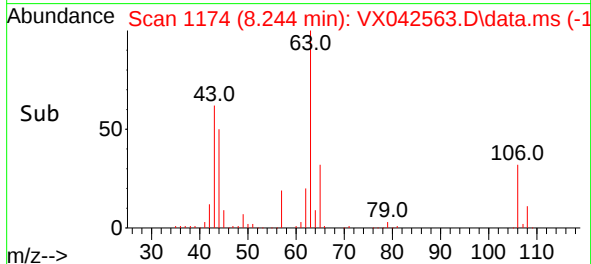
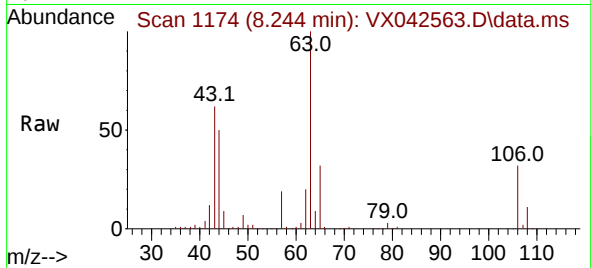
#55
2-Chloroethyl vinyl ether
Concen: 94.051 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 91428
Ion Ratio Lower Upper
63 100
65 32.8 25.7 38.5
106 32.4 25.3 37.9

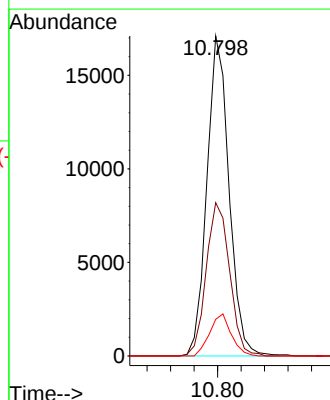
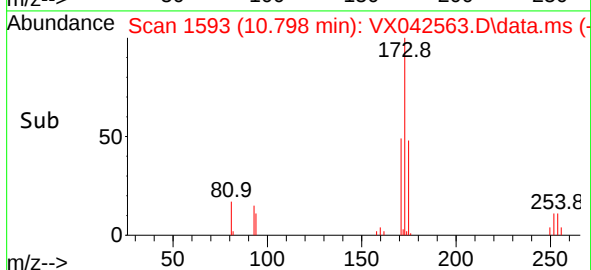
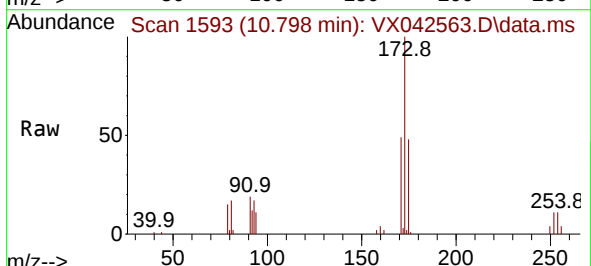
Manual Integrations
APPROVED

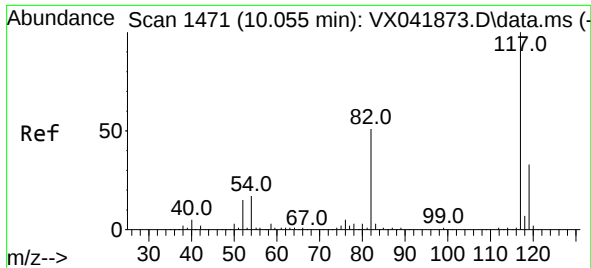
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#56
Bromoform
Concen: 19.701 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

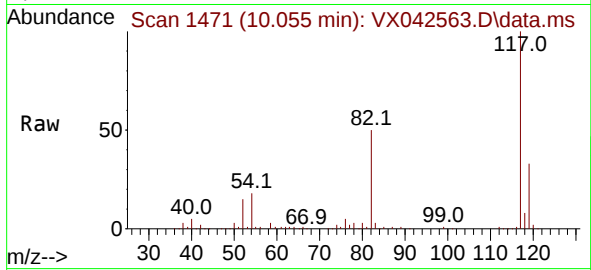
Tgt Ion:173 Resp: 22376
Ion Ratio Lower Upper
173 100
175 50.6 39.3 58.9
254 12.8 9.6 14.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

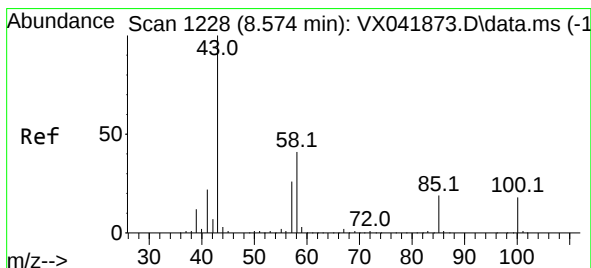
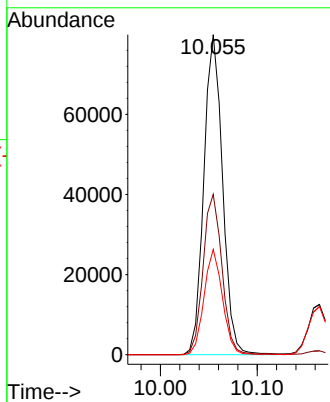
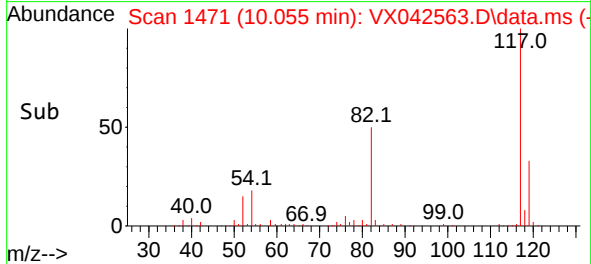
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 107702
Ion Ratio Lower Upper
117 100
82 50.7 41.1 61.7
119 32.3 26.1 39.1

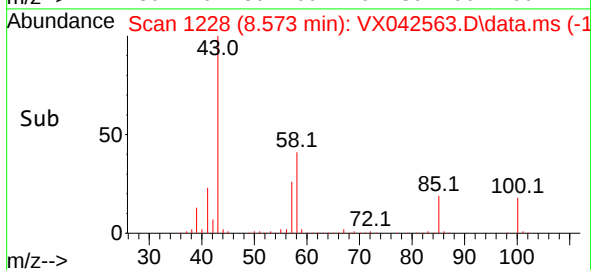
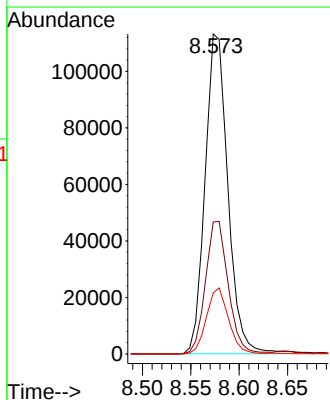
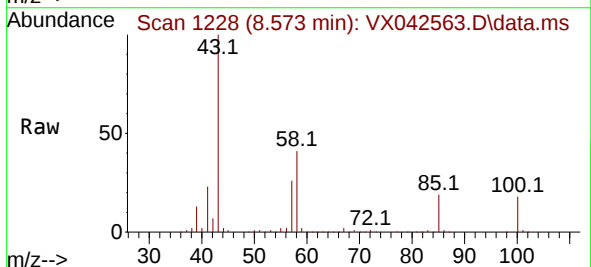
Manual Integrations
APPROVED

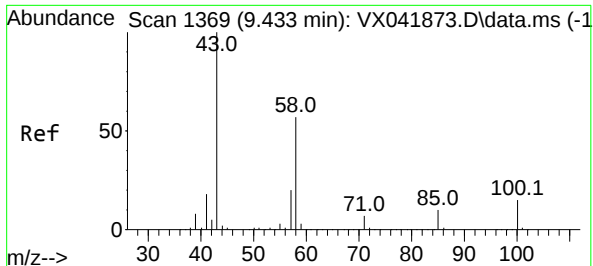
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#58
4-Methyl-2-Pentanone
Concen: 97.588 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Tgt Ion: 43 Resp: 185235
Ion Ratio Lower Upper
43 100
58 41.6 33.2 49.8
85 20.0 15.5 23.3





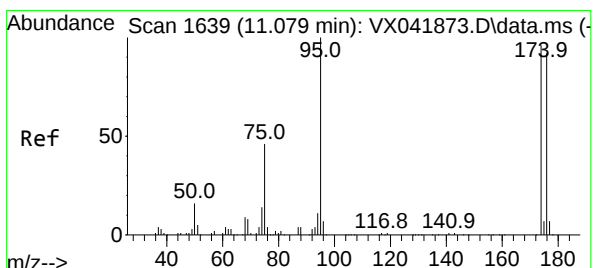
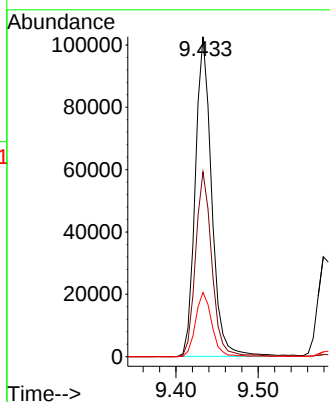
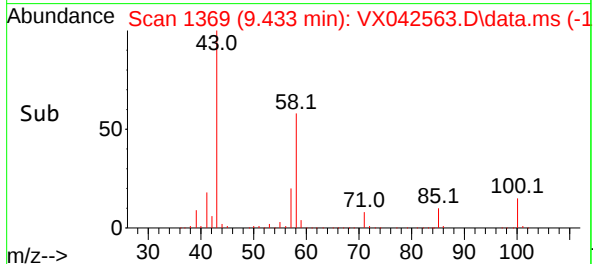
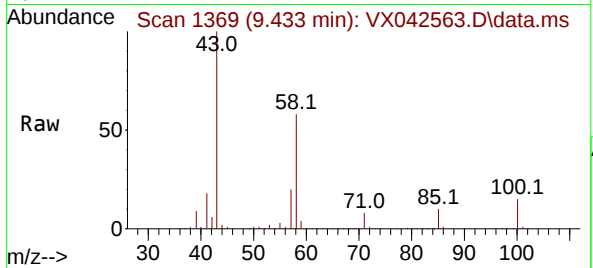
#59
2-Hexanone
Concen: 95.562 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 14207
Ion Ratio Lower Upper
43 100
58 57.7 46.0 69.0
57 19.9 15.8 23.6

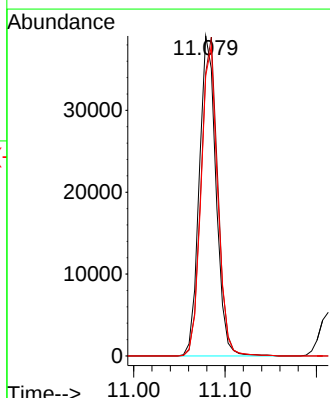
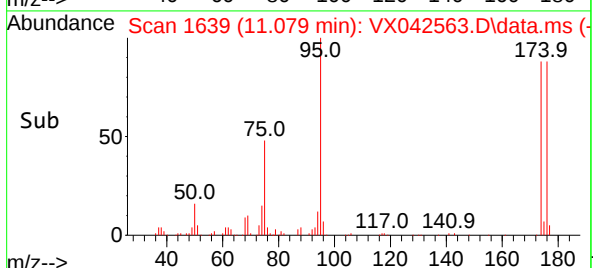
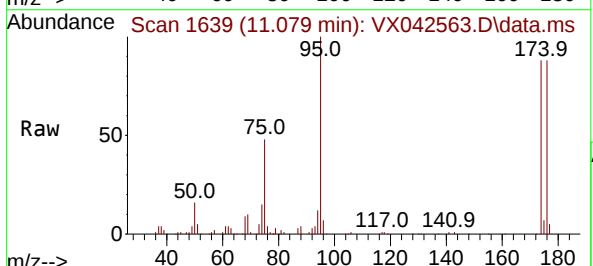
Manual Integrations
APPROVED

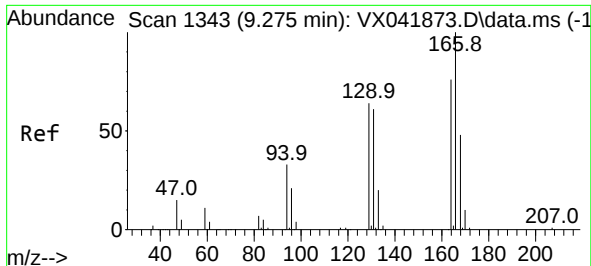
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#60
4-Bromofluorobenzene
Concen: 29.677 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

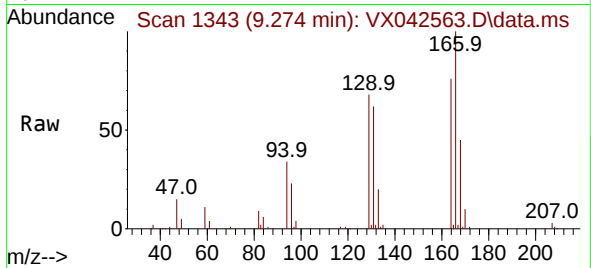
Tgt Ion: 95 Resp: 49730
Ion Ratio Lower Upper
95 100
174 98.8 78.9 118.3
176 95.9 77.1 115.7





#61
Tetrachloroethene
Concen: 19.869 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

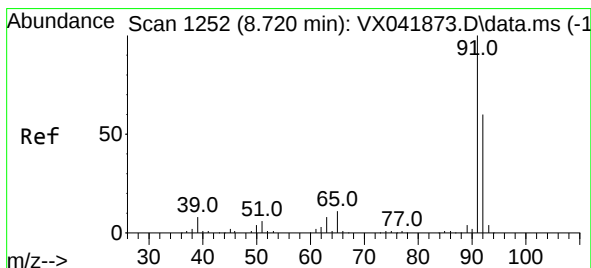
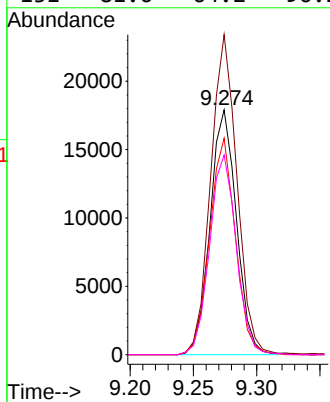
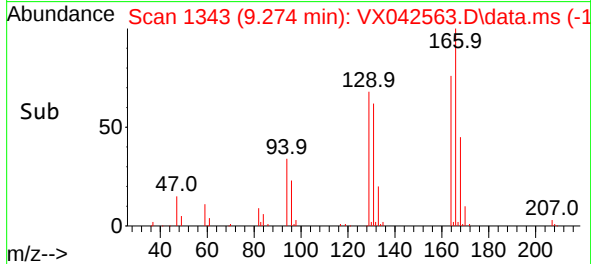
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 25960
Ion Ratio Lower Upper
164 100
166 130.7 105.0 157.6
129 88.4 67.1 100.7
131 81.6 64.2 96.2

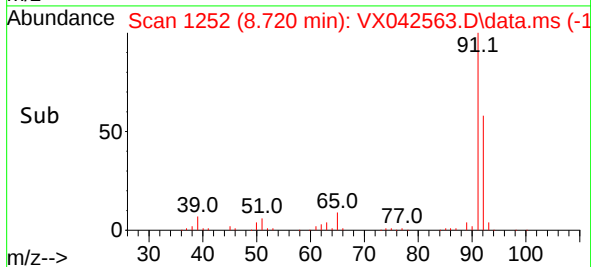
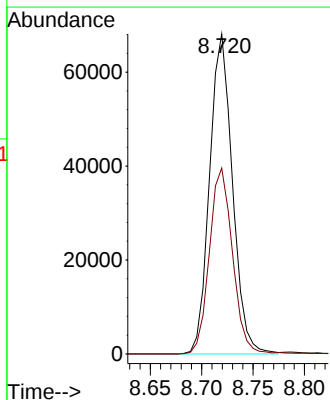
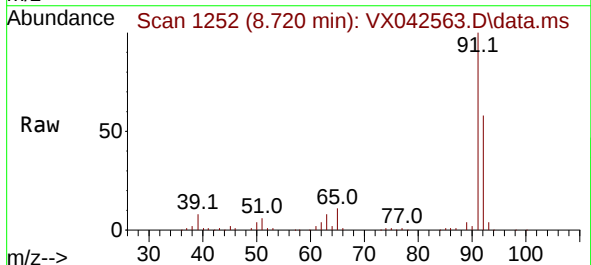
Manual Integrations
APPROVED

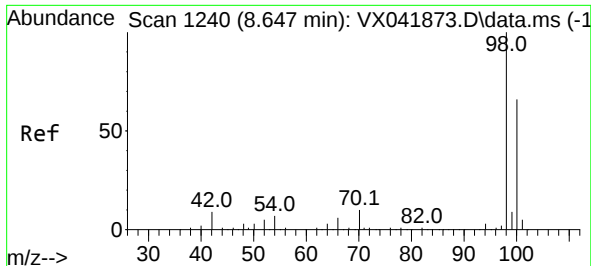
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#62
Toluene
Concen: 19.564 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

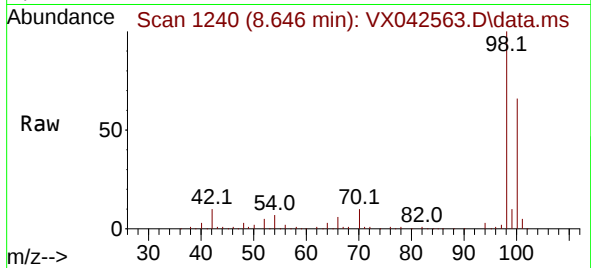
Tgt Ion: 91 Resp: 105343
Ion Ratio Lower Upper
91 100
92 58.8 47.4 71.2





#63
Toluene-d8
Concen: 29.704 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

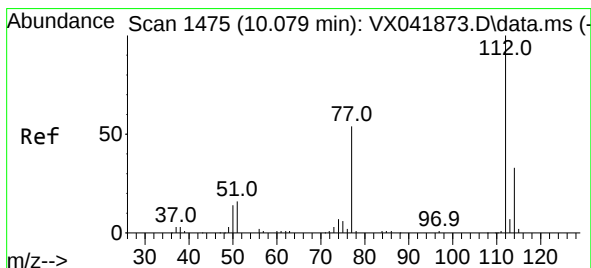
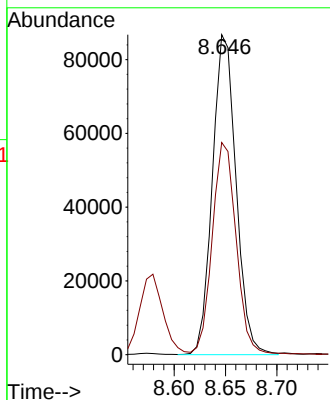
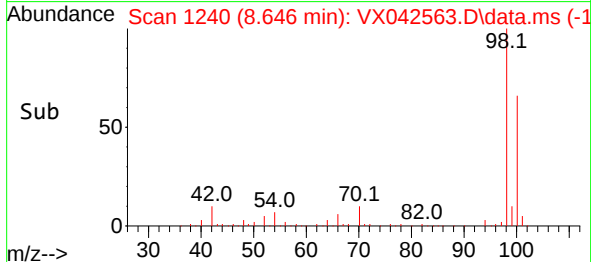
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



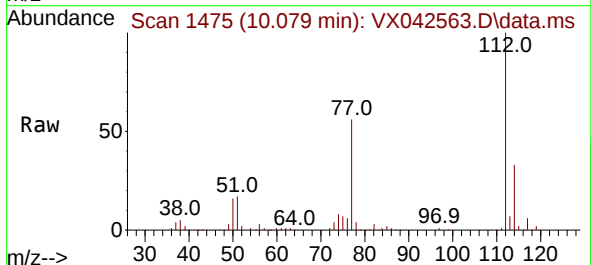
Tgt Ion: 98 Resp: 13897
Ion Ratio Lower Upper
98 100
100 67.3 52.7 79.1

Manual Integrations
APPROVED

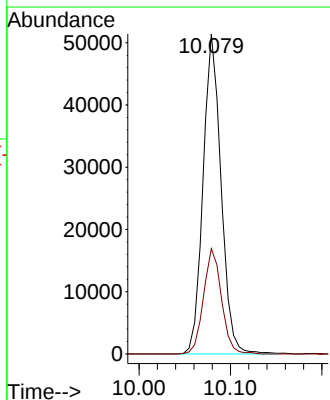
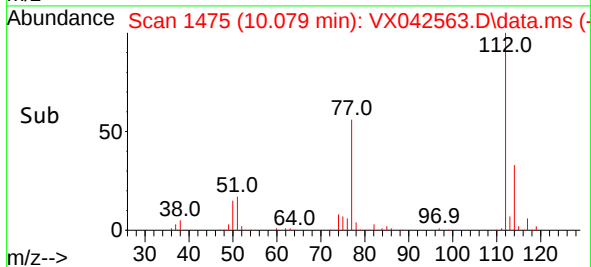
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024

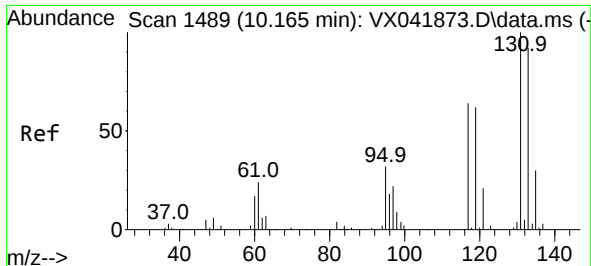


#64
Chlorobenzene
Concen: 19.313 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07



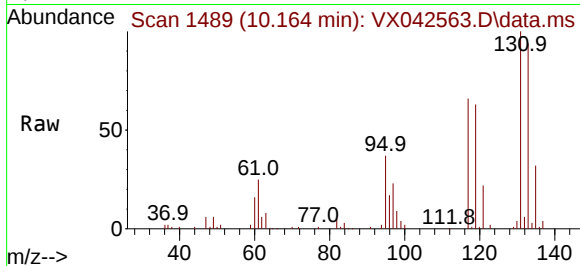
Tgt Ion:112 Resp: 70178
Ion Ratio Lower Upper
112 100
114 32.9 26.2 39.4





#65
1,1,1,2-Tetrachloroethane
Concen: 19.816 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

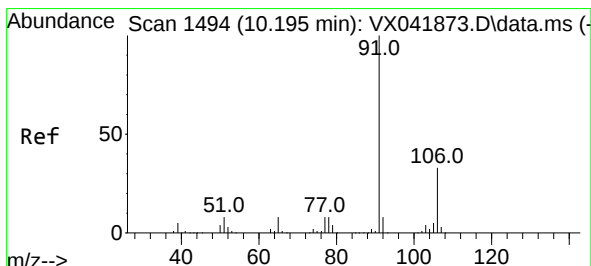
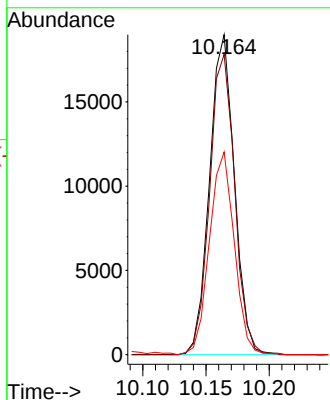
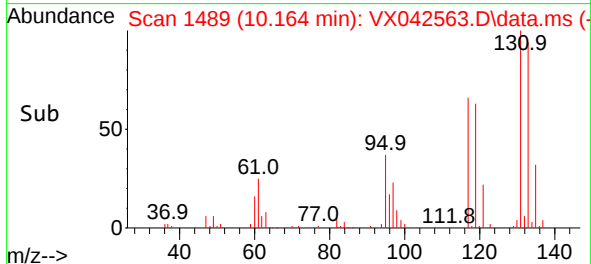
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 2591
Ion Ratio Lower Upper
131 100
133 94.6 0.0 194.8
119 63.4 0.0 127.6

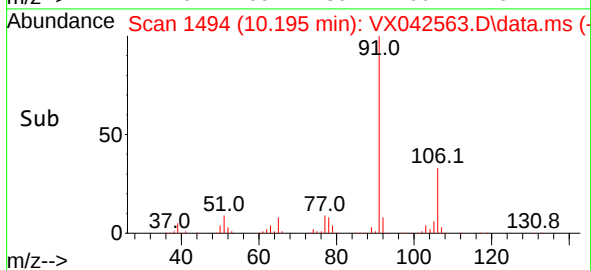
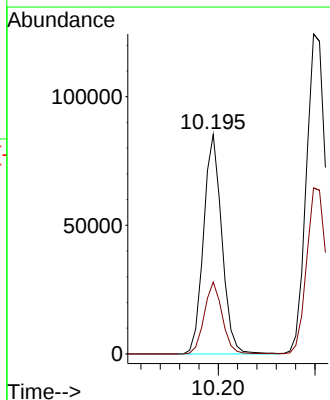
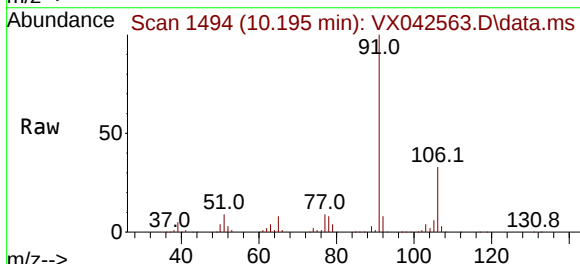
Manual Integrations
APPROVED

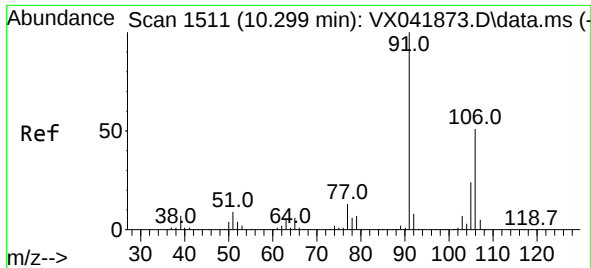
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#66
Ethyl Benzene
Concen: 19.176 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Tgt Ion: 91 Resp: 112522
Ion Ratio Lower Upper
91 100
106 32.7 26.4 39.6





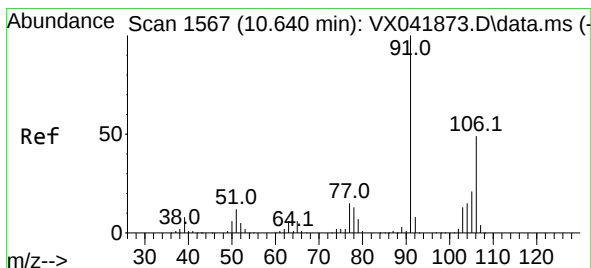
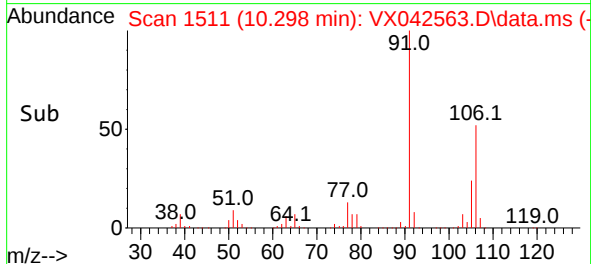
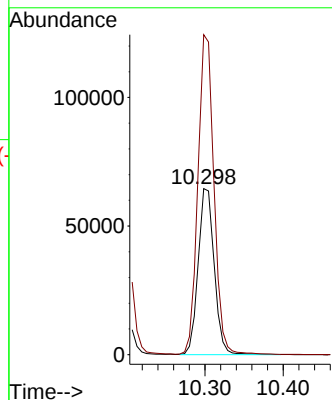
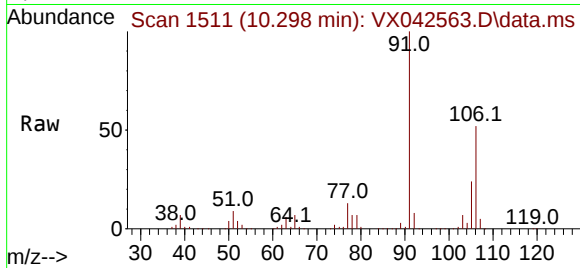
#67
m/p-Xylenes
Concen: 39.375 ug/l
RT: 10.298 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 92374
Ion Ratio Lower Upper
106 100
91 191.7 157.0 235.6

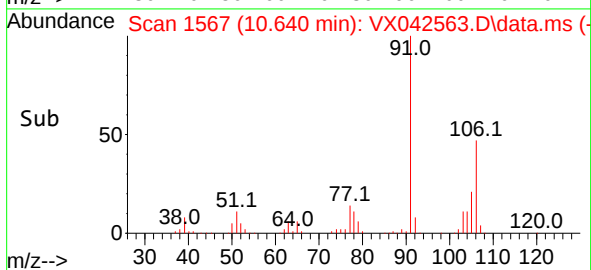
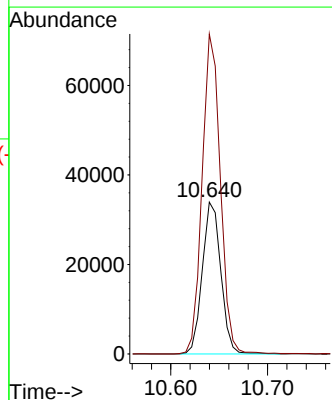
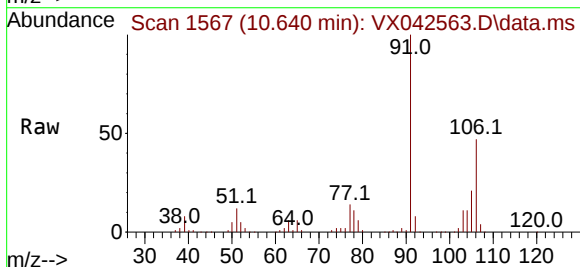
Manual Integrations
APPROVED

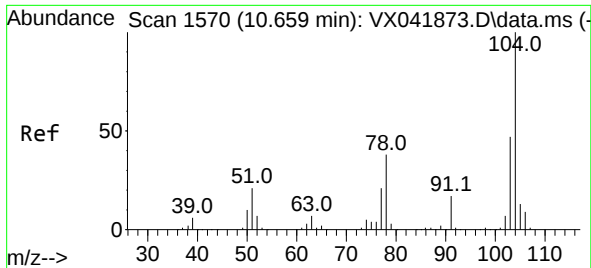
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#68
o-Xylene
Concen: 19.382 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Tgt Ion:106 Resp: 45253
Ion Ratio Lower Upper
106 100
91 205.6 103.2 309.6





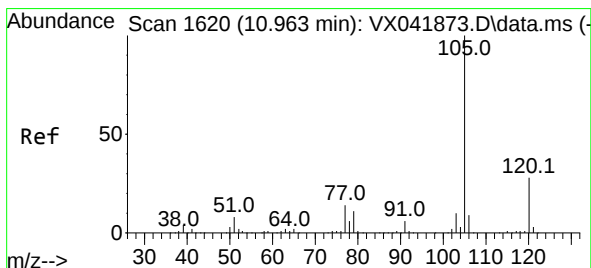
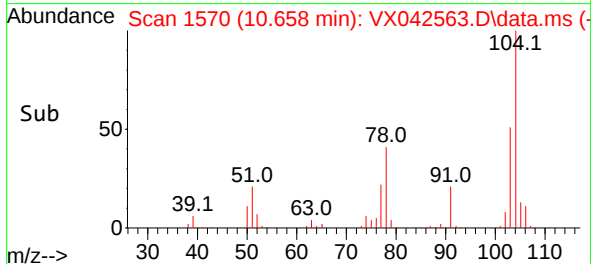
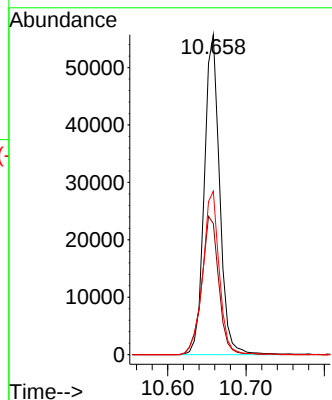
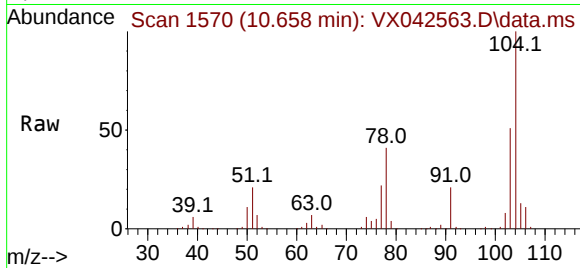
#69
Styrene
Concen: 19.298 ug/l
RT: 10.658 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 75778
Ion Ratio Lower Upper
104 100
78 47.9 36.5 54.7
103 54.7 43.4 65.2

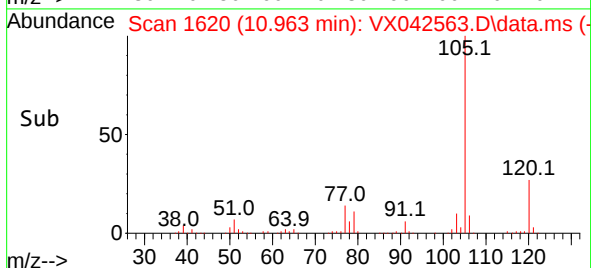
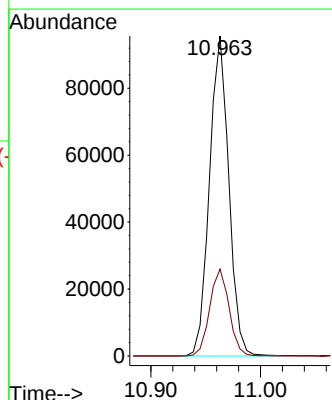
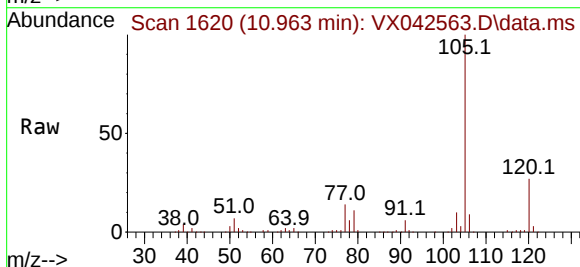
Manual Integrations
APPROVED

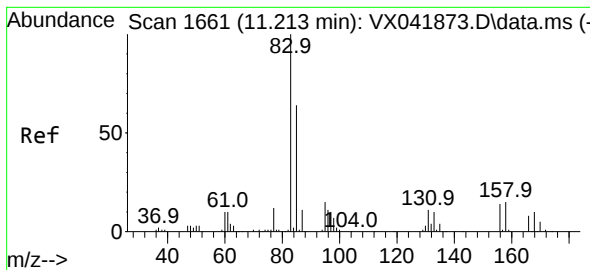
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#70
Isopropylbenzene
Concen: 19.680 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Tgt Ion:105 Resp: 117154
Ion Ratio Lower Upper
105 100
120 27.1 19.2 35.6





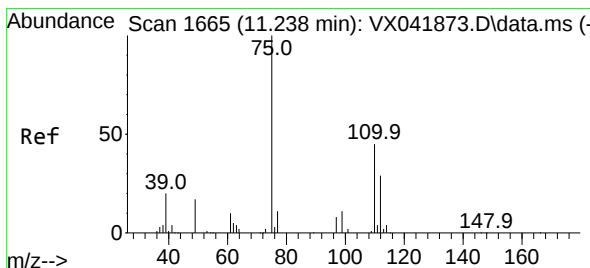
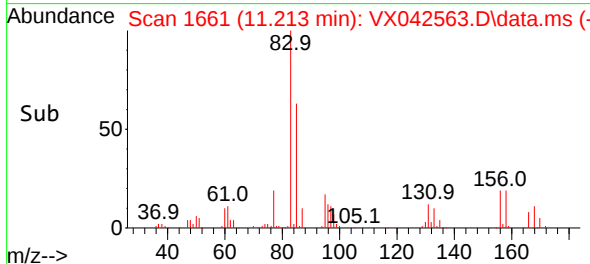
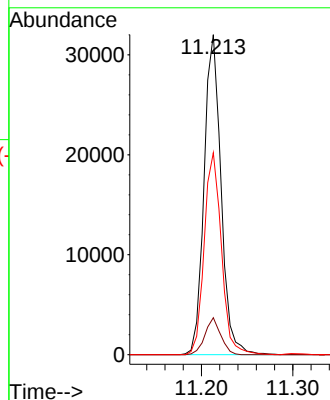
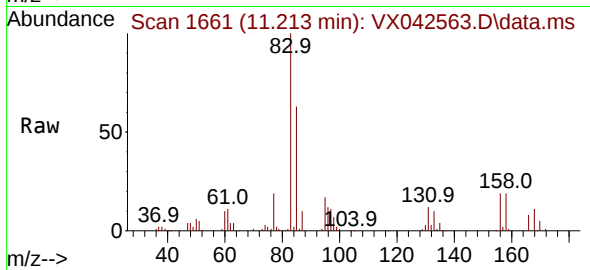
#71
1,1,2,2-Tetrachloroethane
Concen: 20.114 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 4120
Ion Ratio Lower Upper
83 100
131 10.7 5.5 16.7
85 64.0 32.6 97.7

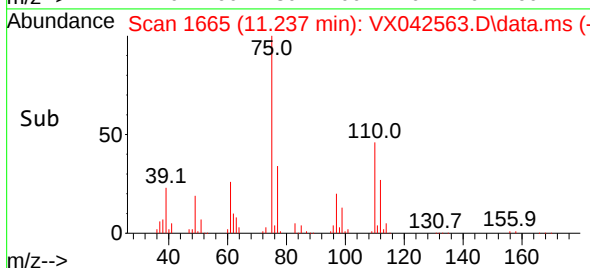
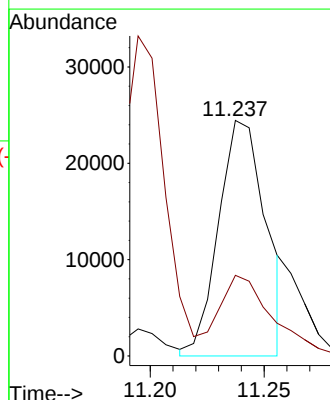
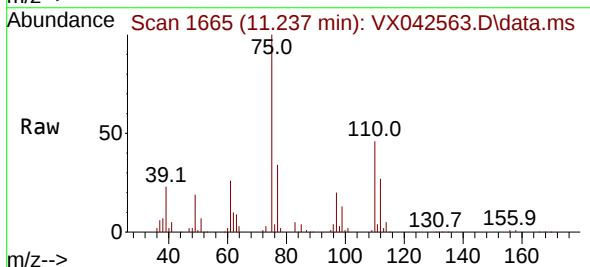
Manual Integrations
APPROVED

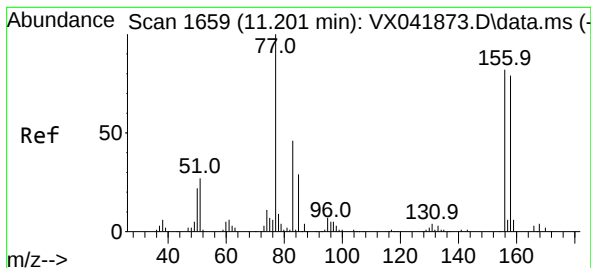
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#72
1,2,3-Trichloropropane
Concen: 21.716 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Tgt Ion: 75 Resp: 35321
Ion Ratio Lower Upper
75 100
77 39.3 0.0 79.6





#73

Bromobenzene

Concen: 20.228 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX042563.D

Acq: 25 Jul 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

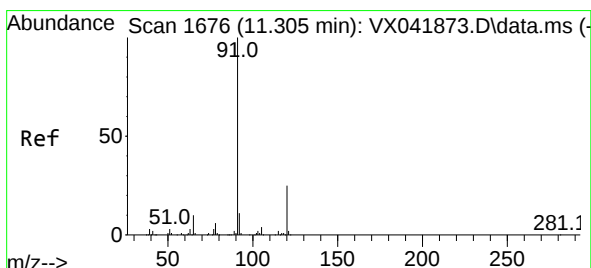
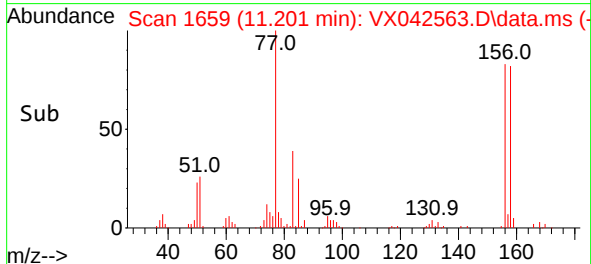
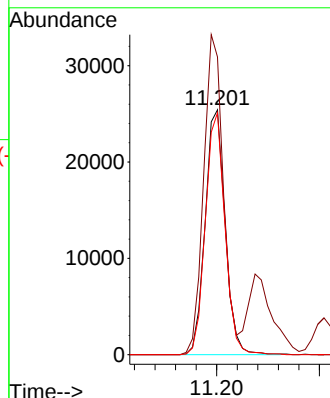
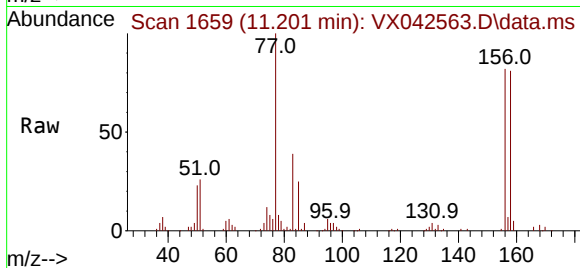
Tgt Ion:	156	Resp:	3441
Ion Ratio	Lower	Upper	
156	100		
77	127.7	0.0	266.2
158	96.8	0.0	195.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2024

Supervised By :Mahesh Dadoda 07/26/2024



#74

n-propylbenzene

Concen: 19.000 ug/l

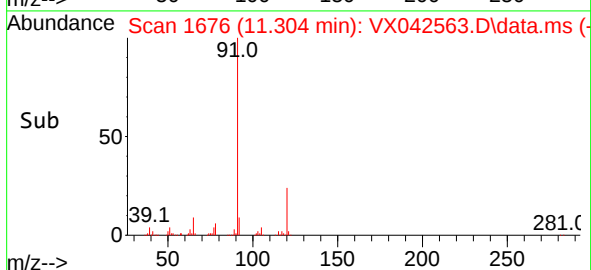
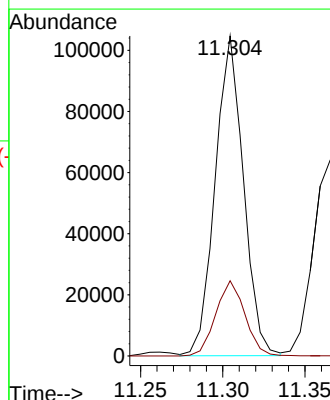
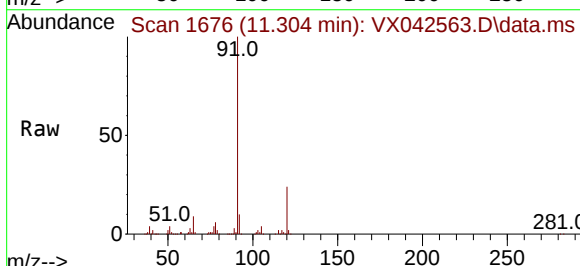
RT: 11.304 min Scan# 1676

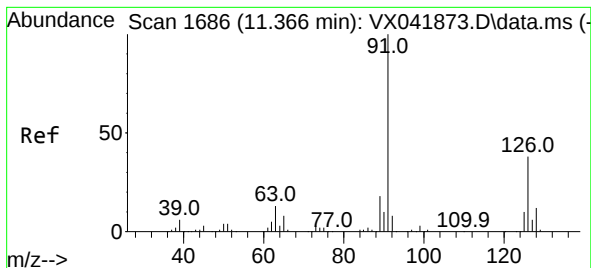
Delta R.T. -0.000 min

Lab File: VX042563.D

Acq: 25 Jul 2024 13:07

Tgt Ion:	91	Resp:	124949
Ion Ratio	Lower	Upper	
91	100		
120	24.3	0.0	49.6





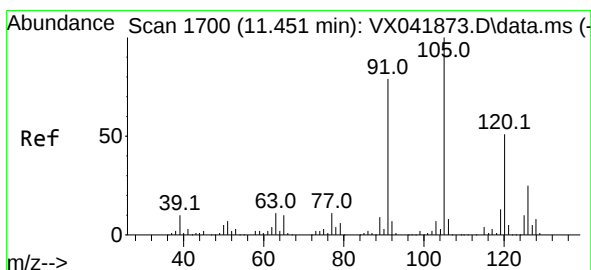
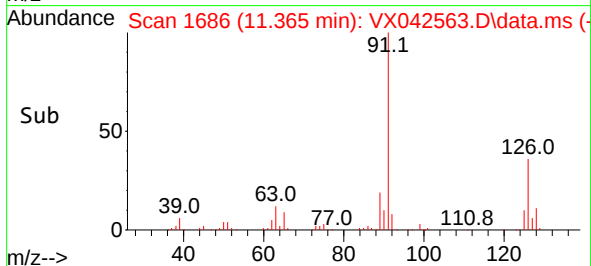
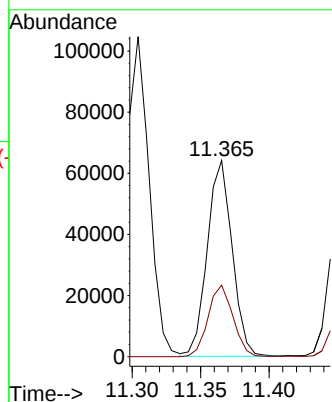
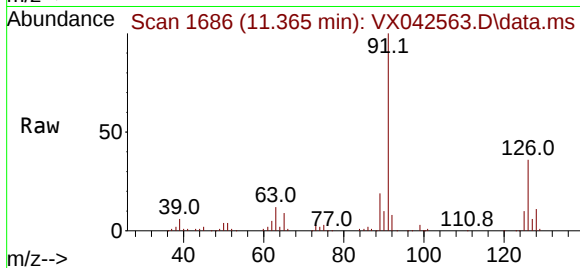
#75
2-Chlorotoluene
Concen: 19.602 ug/l
RT: 11.365 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 81070
Ion Ratio Lower Upper
91 100
126 36.5 0.0 72.6

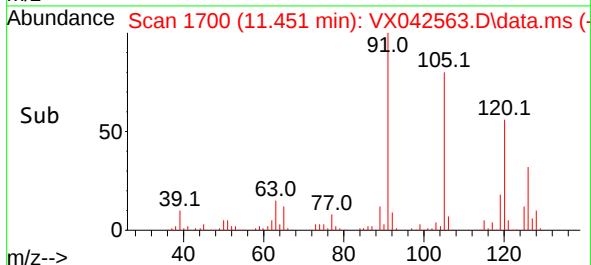
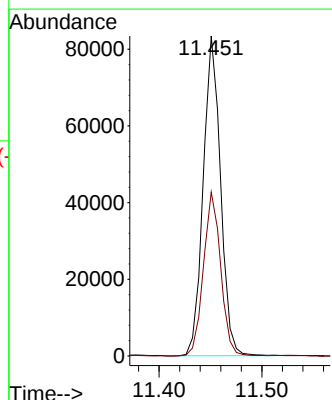
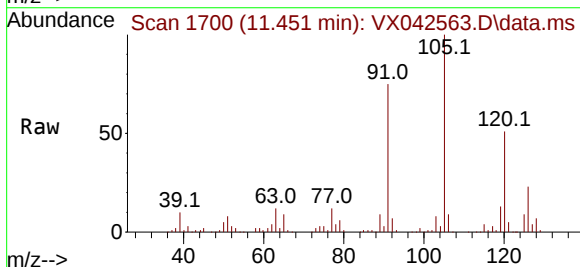
Manual Integrations
APPROVED

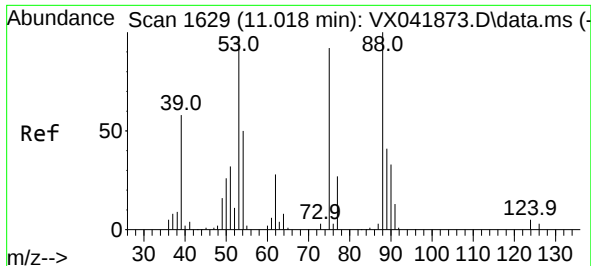
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#76
1,3,5-Trimethylbenzene
Concen: 19.695 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

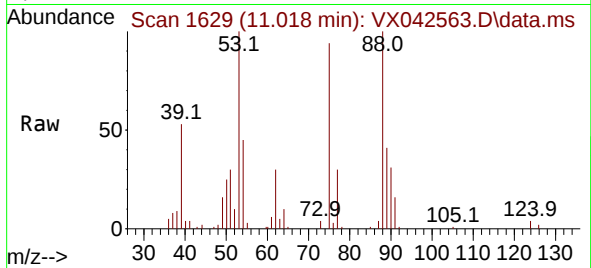
Tgt Ion:105 Resp: 97947
Ion Ratio Lower Upper
105 100
120 50.7 0.0 103.0





#77
t-1,4-Dichloro-2-butene
Concen: 16.316 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

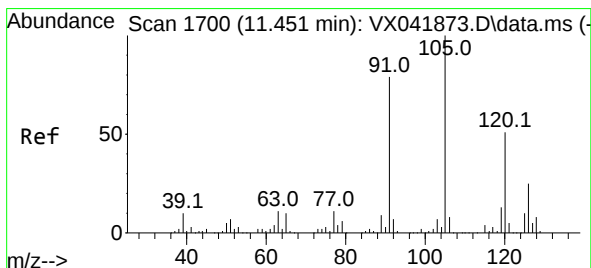
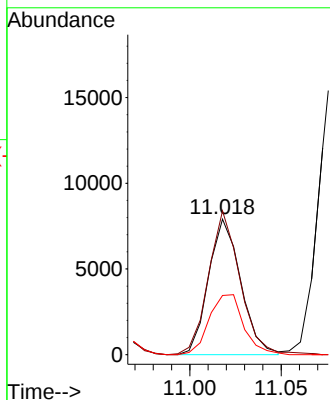
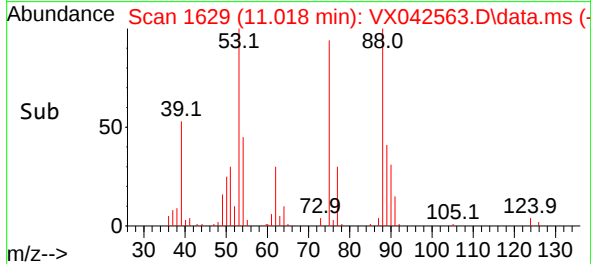
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



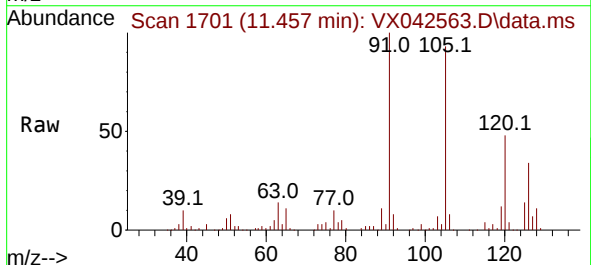
Tgt Ion: 75 Resp: 973
Ion Ratio Lower Upper
75 100
53 105.5 53.4 160.2
89 43.7 22.5 67.5

Manual Integrations
APPROVED

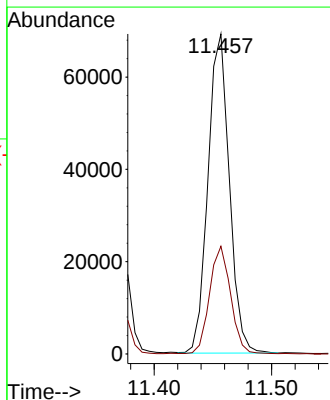
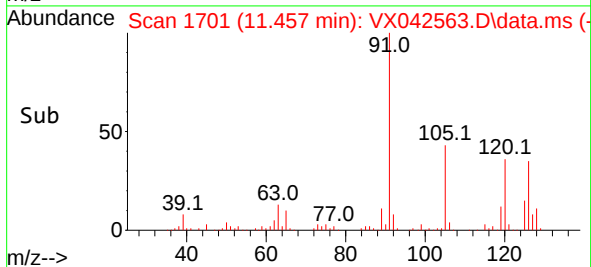
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024

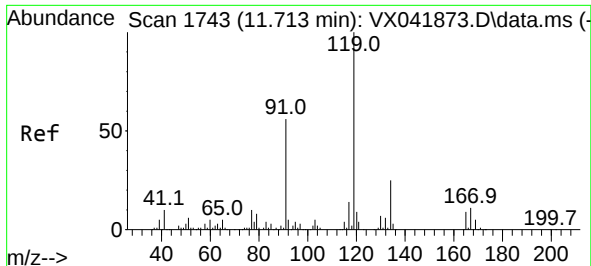


#78
4-Chlorotoluene
Concen: 18.981 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07



Tgt Ion: 91 Resp: 87446
Ion Ratio Lower Upper
91 100
126 33.1 0.0 64.8





#79

tert-butylbenzene

Concen: 19.774 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX042563.D

Acq: 25 Jul 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

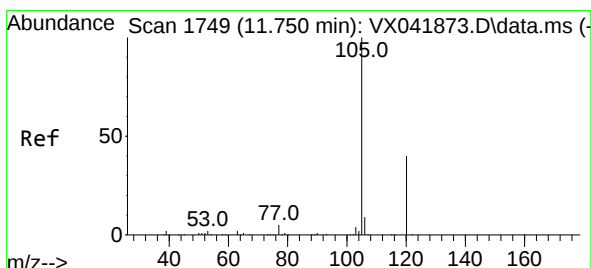
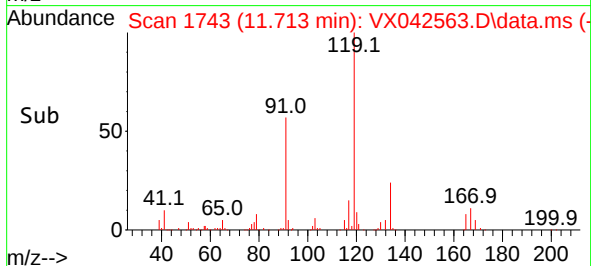
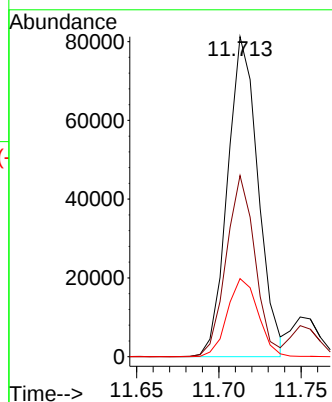
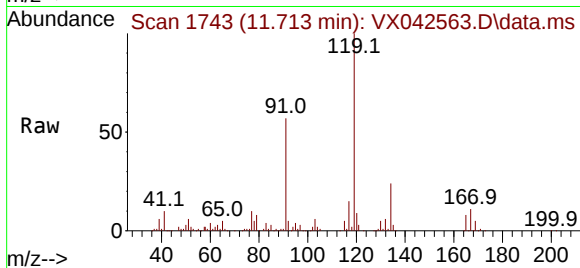
Tgt Ion:	119	Resp:	10498
Ion Ratio	Lower	Upper	
119	100		
91	53.5	0.0	106.0
134	24.6	0.0	49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2024

Supervised By :Mahesh Dadoda 07/26/2024



#80

1,2,4-Trimethylbenzene

Concen: 19.597 ug/l

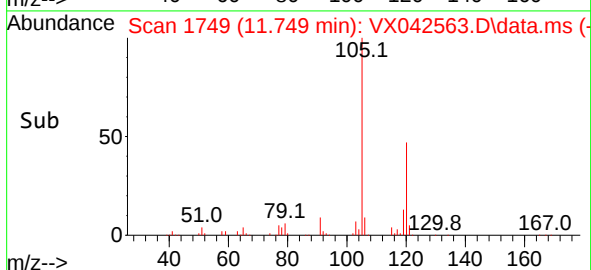
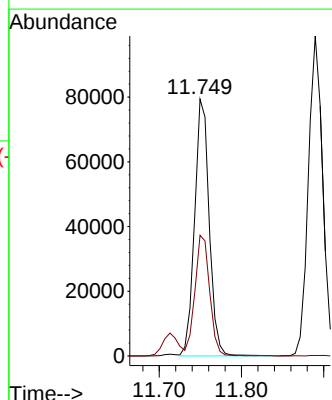
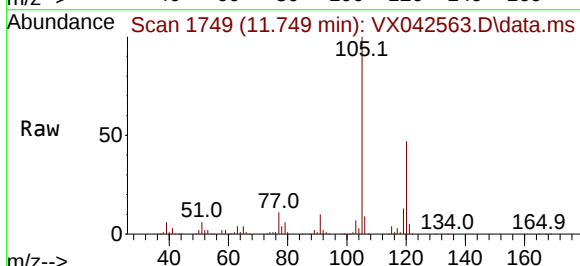
RT: 11.749 min Scan# 1749

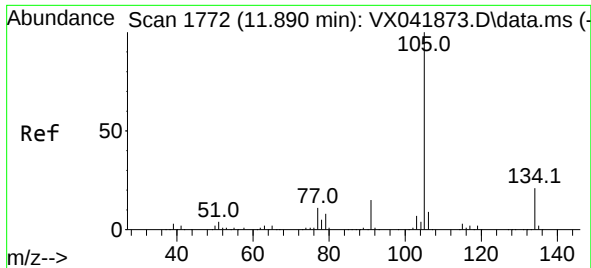
Delta R.T. -0.000 min

Lab File: VX042563.D

Acq: 25 Jul 2024 13:07

Tgt Ion:	105	Resp:	98067
Ion Ratio	Lower	Upper	
105	100		
120	47.3	0.0	96.2





#81
 sec-Butylbenzene
 Concen: 18.984 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX042563.D
 Acq: 25 Jul 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

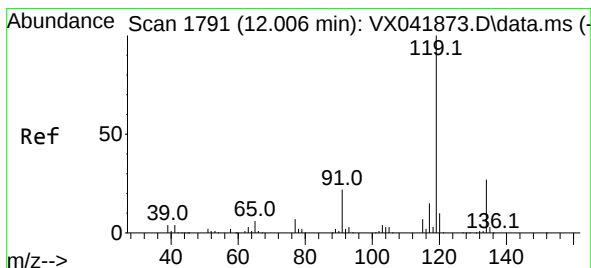
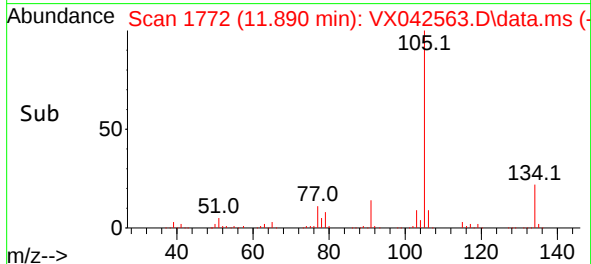
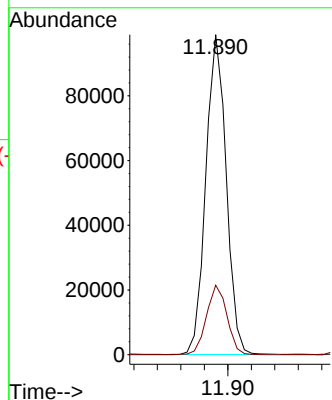
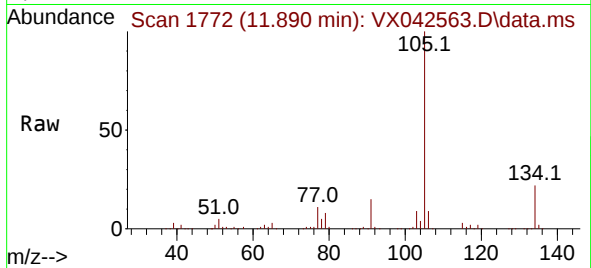
Tgt Ion:105 Resp: 119092
 Ion Ratio Lower Upper
 105 100
 134 21.8 0.0 43.2

Manual Integrations

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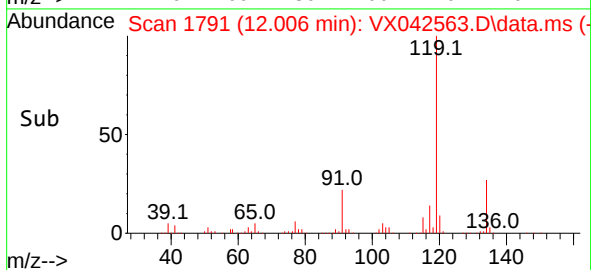
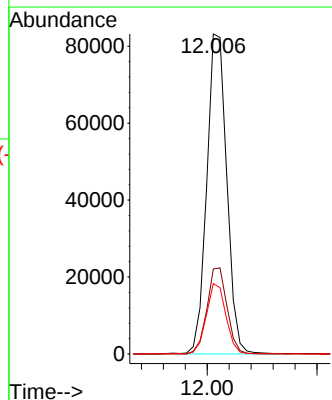
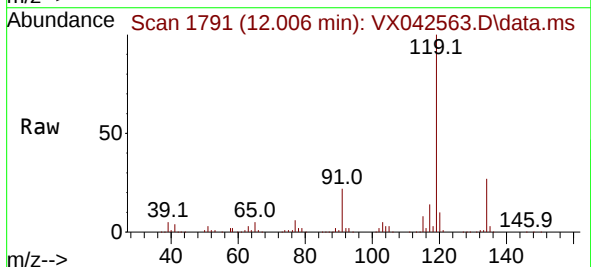
Reviewed By :John Carlone 07/26/2024

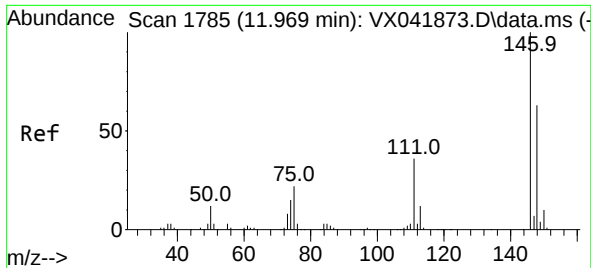
Supervised By :Mahesh Dadoda 07/26/2024



#82
 p-Isopropyltoluene
 Concen: 19.380 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX042563.D
 Acq: 25 Jul 2024 13:07

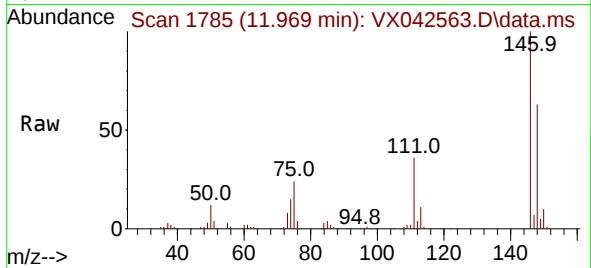
Tgt Ion:119 Resp: 105353
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 54.0
 91 21.5 0.0 42.2





#83
1,3-Dichlorobenzene
Concen: 19.301 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

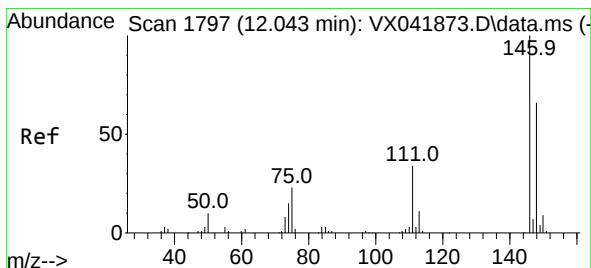
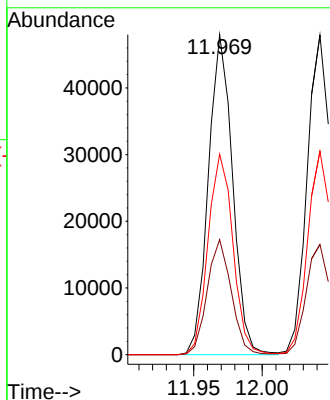
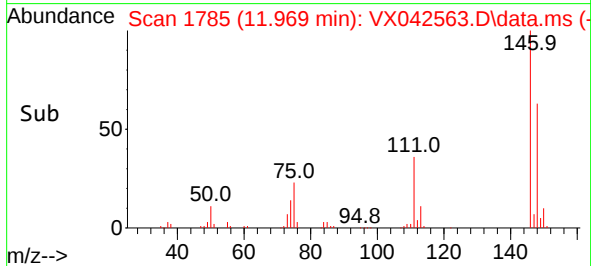
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



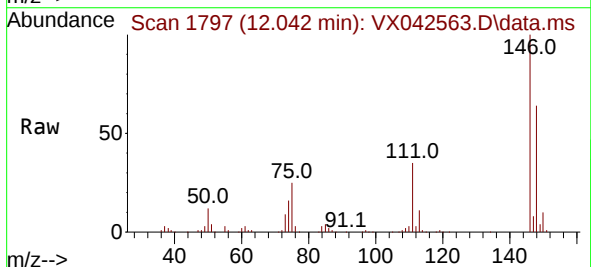
Tgt Ion:146 Resp: 58978
Ion Ratio Lower Upper
146 100
111 35.8 18.0 54.0
148 64.6 31.9 95.7

Manual Integrations
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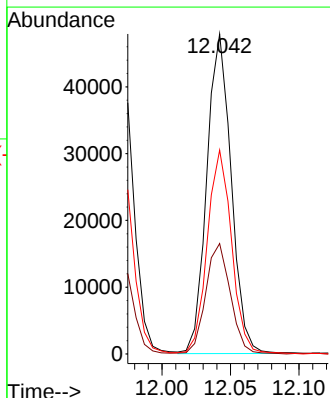
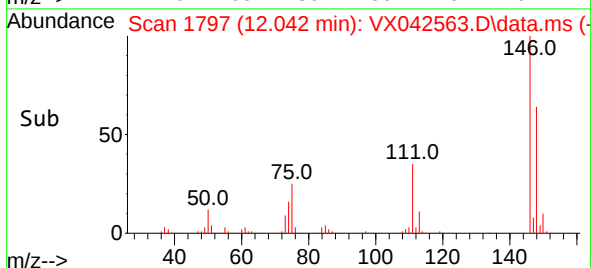
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024

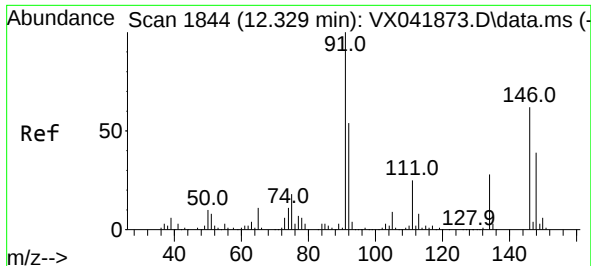


#84
1,4-Dichlorobenzene
Concen: 19.544 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07



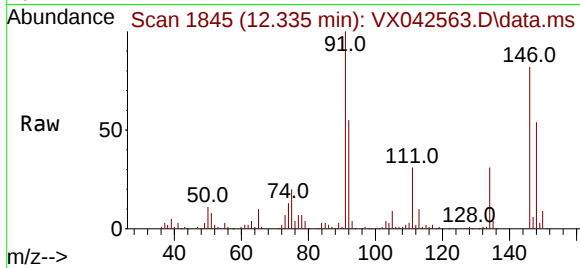
Tgt Ion:146 Resp: 59320
Ion Ratio Lower Upper
146 100
111 34.9 17.4 52.3
148 63.9 32.3 96.9





#85
n-Butylbenzene
Concen: 17.625 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

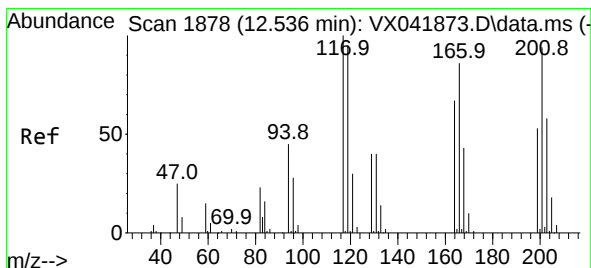
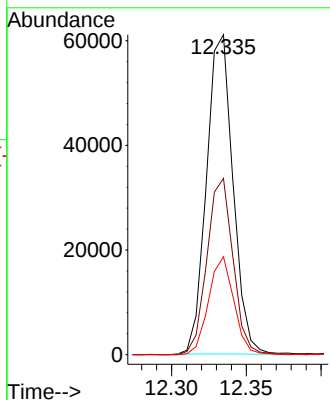
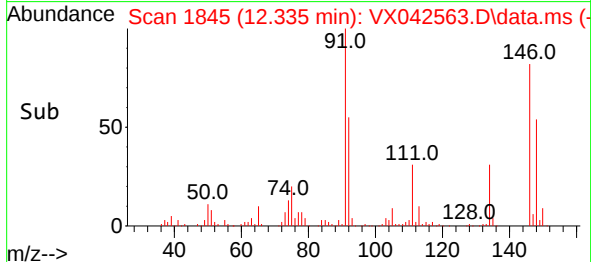
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 75248
Ion Ratio Lower Upper
91 100
92 54.5 0.0 109.8
134 29.3 0.0 58.4

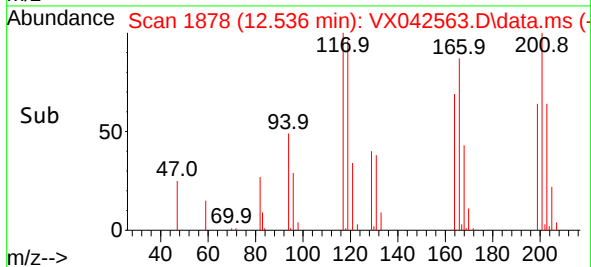
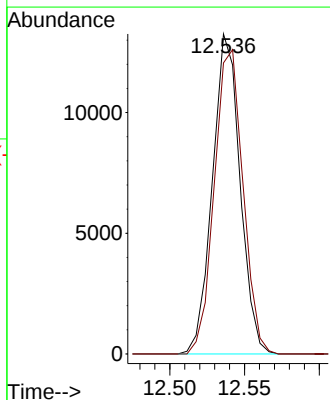
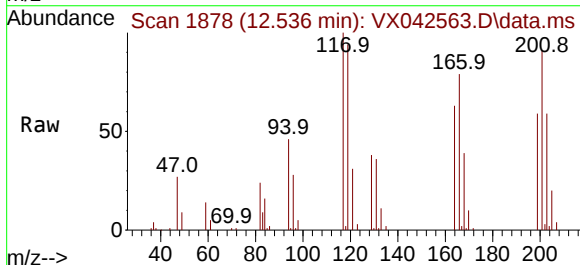
Manual Integrations
APPROVED

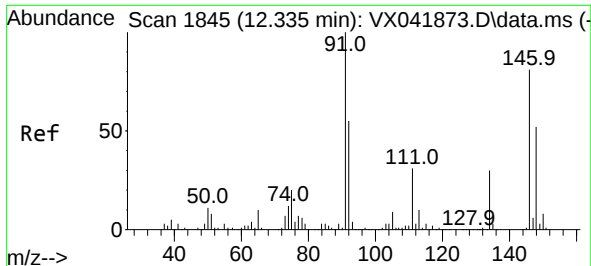
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#86
Hexachloroethane
Concen: 18.411 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

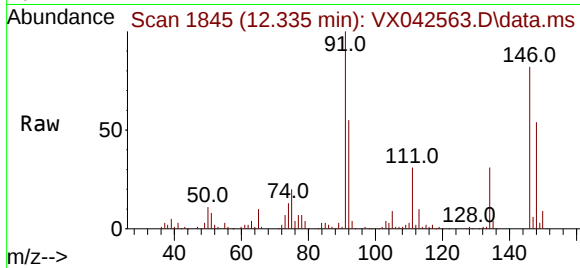
Tgt Ion:117 Resp: 17019
Ion Ratio Lower Upper
117 100
201 98.8 48.9 146.8





#87
1,2-Dichlorobenzene
Concen: 19.677 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

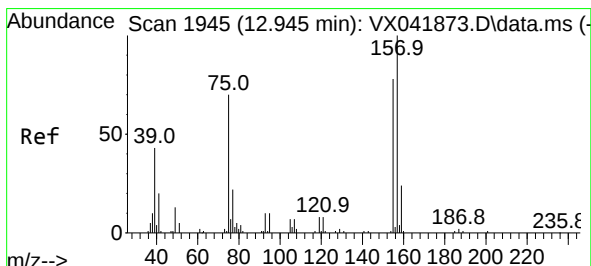
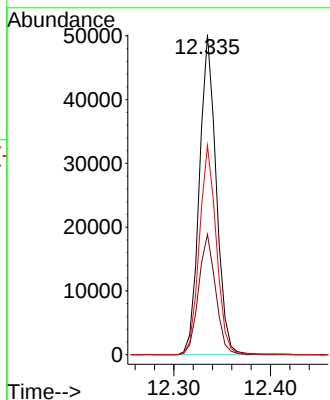
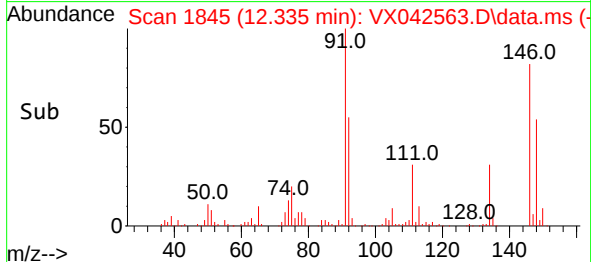
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



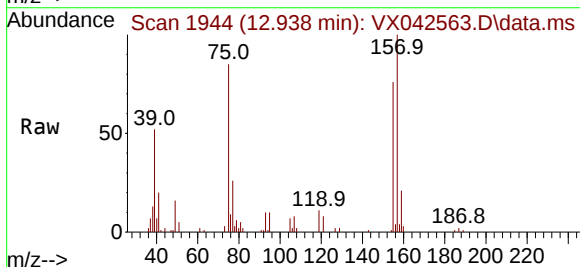
Tgt Ion:146 Resp: 60775
Ion Ratio Lower Upper
146 100
111 38.0 19.1 57.3
148 65.7 32.4 97.0

Manual Integrations
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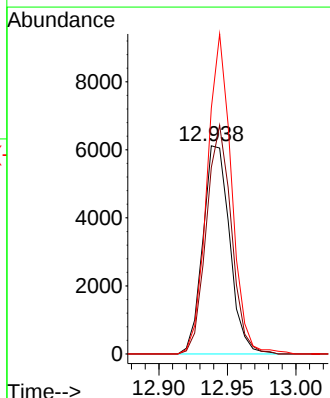
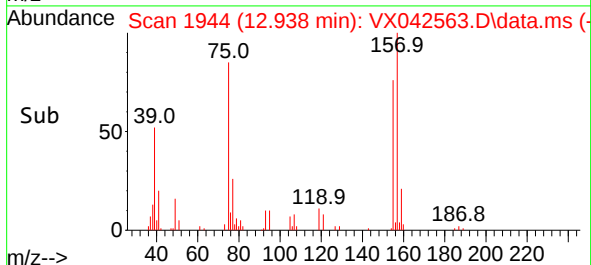
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024

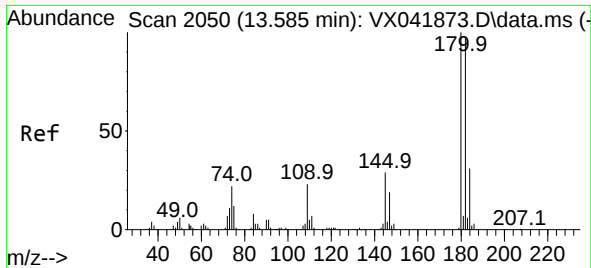


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.856 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.007 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07



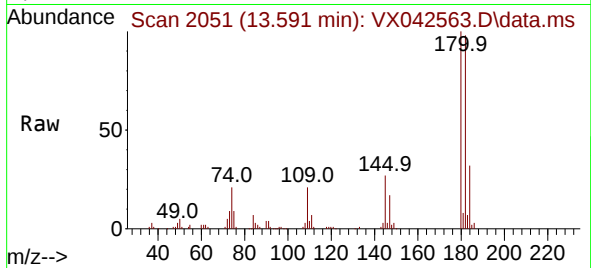
Tgt Ion: 75 Resp: 8333
Ion Ratio Lower Upper
75 100
155 102.7 88.6 133.0
157 139.3 112.8 169.2





#89
1,2,4-Trichlorobenzene
Concen: 18.469 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

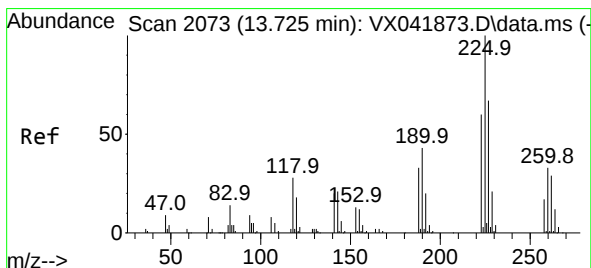
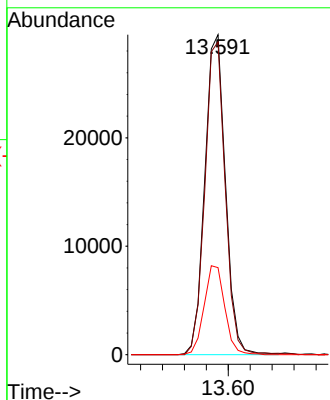
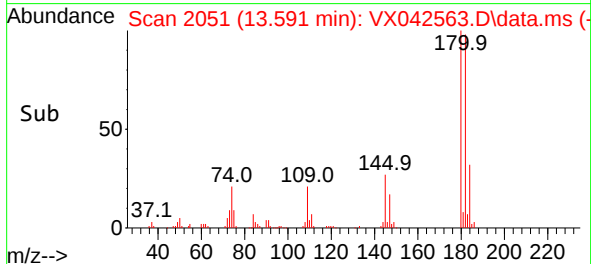
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:180 Resp: 38618
Ion Ratio Lower Upper
180 100
182 96.3 76.9 115.3
145 27.8 22.8 34.2

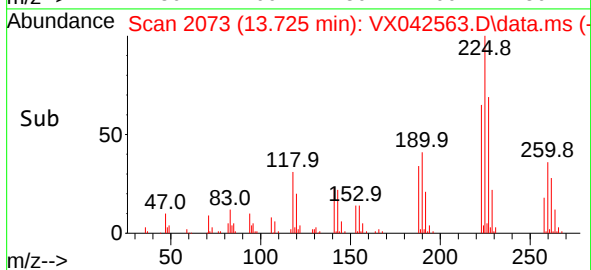
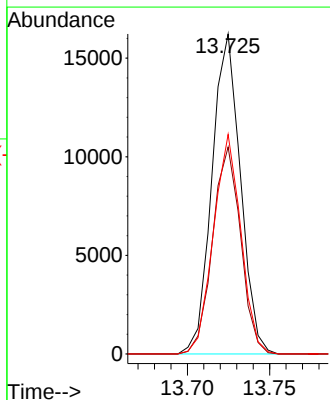
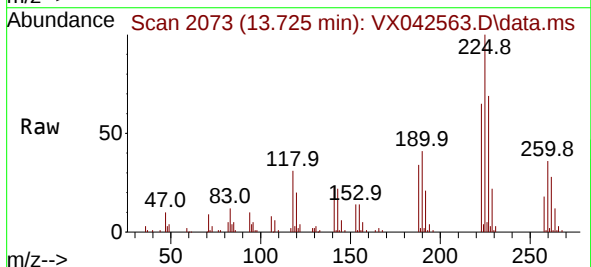
Manual Integrations
APPROVED

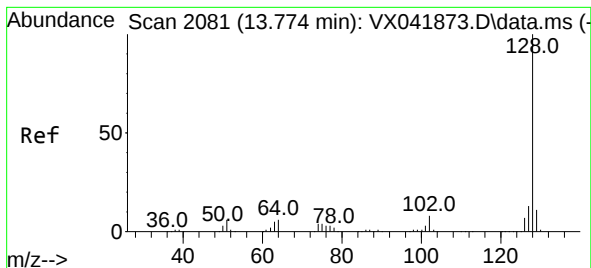
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#90
Hexachlorobutadiene
Concen: 18.847 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

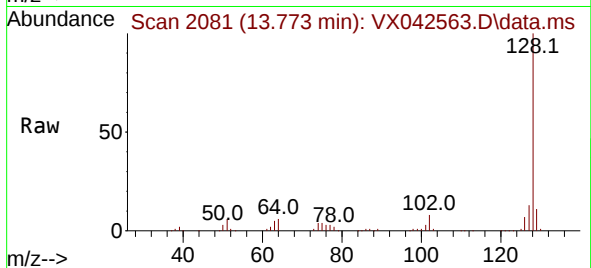
Tgt Ion:225 Resp: 19557
Ion Ratio Lower Upper
225 100
223 63.6 0.0 120.8
227 66.1 0.0 126.6





#91
Naphthalene
Concen: 18.939 ug/l
RT: 13.773 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07

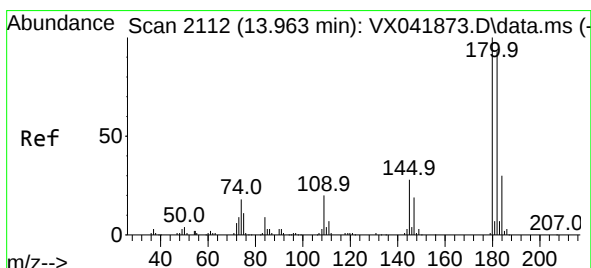
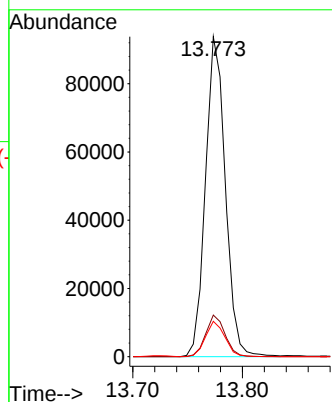
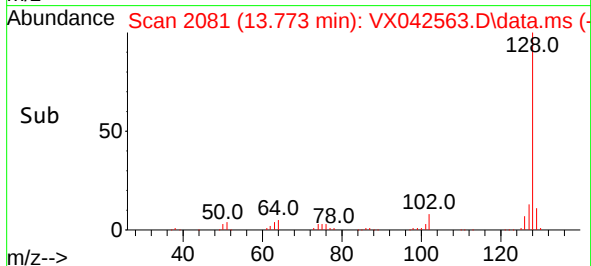
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



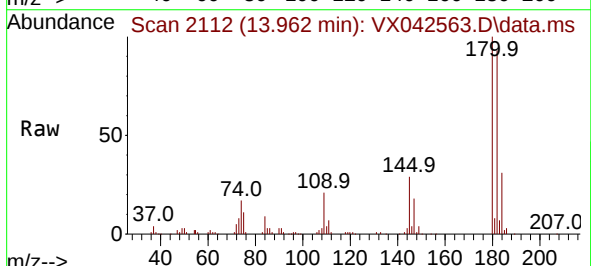
Tgt Ion:128 Resp: 11808
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#92
1,2,3-Trichlorobenzene
Concen: 19.041 ug/l
RT: 13.962 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX042563.D
Acq: 25 Jul 2024 13:07



Tgt Ion:180 Resp: 41010
Ion Ratio Lower Upper
180 100
182 96.7 0.0 187.8
145 29.8 0.0 58.4

