

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071924\
 Data File : VX042402.D
 Acq On : 19 Jul 2024 14:42
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/19/2024
 Supervised By : Mahesh Dadoda 07/22/2024

Quant Time: Jul 19 16:09:42 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	4.897	128	32208	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	185110	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	174071	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	67481	29.250	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	97.500%	
60) 4-Bromofluorobenzene	11.079	95	81287	30.013	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	100.033%	
63) Toluene-d8	8.646	98	222287	29.396	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	98.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	42090	21.802	ug/l	99
3) Chloromethane	1.300	50	42098	20.854	ug/l	98
4) Vinyl Chloride	1.373	62	39676	19.784	ug/l	99
5) Bromomethane	1.599	94	18947	18.821	ug/l	100
6) Chloroethane	1.666	64	21826	25.253	ug/l	99
7) Trichlorofluoromethane	1.873	101	57210	22.800	ug/l	96
8) Diethyl Ether	2.135	74	19605	18.630	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.318	101	37113	18.992	ug/l	99
10) 1,1-Dichloroethene	2.312	96	33923	18.064	ug/l	96
11) Methyl Iodide	2.446	142	44629	21.019	ug/l	99
12) Methyl Acetate	2.702	43	70727	22.915	ug/l	98
13) Acrolein	2.239	56	30738	79.278	ug/l	99
14) Acrylonitrile	3.068	53	128163	110.574	ug/l	99
15) Acetone	2.385	58	31881	92.471	ug/l	98
16) Carbon Disulfide	2.501	76	74647	20.108	ug/l	100
17) Allyl chloride	2.660	41	67496	22.589	ug/l	98
18) Methylene Chloride	2.782	84	45797	21.354	ug/l	92
19) trans-1,2-Dichloroethene	3.086	96	40721	21.467	ug/l	100
20) Diisopropyl ether	3.763	45	136179	21.628	ug/l	99
21) 1,1-Dichloroethane	3.605	63	75191	21.036	ug/l	98
22) cis-1,2-Dichloroethene	4.483	96	50484	21.252	ug/l	97
23) tert-Butyl Alcohol	2.989	59	54403m	123.160	ug/l	
24) Methyl tert-Butyl Ether	3.117	73	135178	21.566	ug/l	100
25) Chloroform	5.086	83	77986	21.111	ug/l	97
26) Cyclohexane	5.464	56	62979	21.275	ug/l #	100
29) 1,1-Dichloropropene	5.684	75	52019	21.550	ug/l	95
30) 2-Butanone	4.562	43	179332	111.277	ug/l	99
31) 2,2-Dichloropropane	4.470	77	59987	21.617	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	67462	21.638	ug/l	99
33) Carbon Tetrachloride	5.671	117	57036	20.947	ug/l	98
34) Benzene	6.031	78	170278	21.484	ug/l	98
35) Methacrylonitrile	4.921	41	35746	22.477	ug/l	96
36) 1,2-Dichloroethane	6.086	62	55571	21.618	ug/l	98
37) Trichloroethene	7.122	130	45345	21.274	ug/l	93
38) Methylcyclohexane	7.372	83	67617	21.784	ug/l	99
39) 1,2-Dichloropropane	7.427	63	41983	21.548	ug/l	98
40) Dibromomethane	7.580	93	30199	21.473	ug/l	99
41) Bromodichloromethane	7.817	83	55975	21.221	ug/l	99
42) Vinyl Acetate	3.720	43	571348	109.579	ug/l	99

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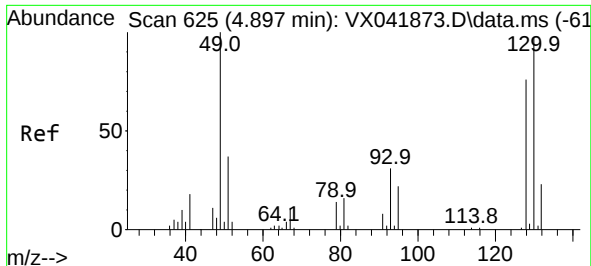
Manual Integrations
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 Supervised By : Mahesh Dadoda 07/22/2024

Quant Time: Jul 19 16:09:42 2024
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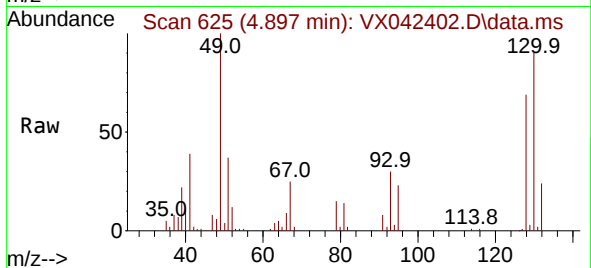
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	63798	22.306	ug/l	99
44) Isopropyl Acetate	6.342	43	98042	21.822	ug/l	99
45) 1,4-Dioxane	7.665	88	21027	417.743	ug/l	95
46) Methyl methacrylate	7.695	41	48028	21.935	ug/l	98
47) n-amyl Acetate	10.841	43	88416	22.147	ug/l	97
48) t-1,3-Dichloropropene	8.976	75	55507	21.108	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	63468	21.474	ug/l	98
50) 1,1,2-Trichloroethane	9.152	97	44203	21.432	ug/l	98
51) Ethyl methacrylate	9.116	69	69324	21.494	ug/l	98
52) 1,3-Dichloropropane	9.305	76	73568	21.960	ug/l	99
53) Dibromochloromethane	9.518	129	49055	21.644	ug/l	100
54) 1,2-Dibromoethane	9.610	107	47290	22.047	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	160112	102.420	ug/l	100
56) Bromoform	10.798	173	39605	21.684	ug/l	98
58) 4-Methyl-2-Pentanone	8.573	43	341713	111.387	ug/l	99
59) 2-Hexanone	9.433	43	268681	111.818	ug/l	100
61) Tetrachloroethene	9.268	164	44309	20.983	ug/l	96
62) Toluene	8.713	91	188306	21.638	ug/l	100
64) Chlorobenzene	10.079	112	127729	21.749	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.158	131	44407	21.013	ug/l	100
66) Ethyl Benzene	10.189	91	206497	21.773	ug/l	98
67) m/p-Xylenes	10.299	106	166466	43.902	ug/l	99
68) o-Xylene	10.640	106	82231	21.791	ug/l	100
69) Styrene	10.652	104	138584	21.836	ug/l	99
70) Isopropylbenzene	10.963	105	215084	22.355	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	73077	22.072	ug/l	100
72) 1,2,3-Trichloropropane	11.237	75	58217m	22.146	ug/l	
73) Bromobenzene	11.195	156	59690	21.709	ug/l	99
74) n-propylbenzene	11.304	91	239826	22.564	ug/l	99
75) 2-Chlorotoluene	11.365	91	149509	22.367	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	179688	22.355	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	19930	20.671	ug/l	91
78) 4-Chlorotoluene	11.451	91	166881	22.412	ug/l	100
79) tert-butylbenzene	11.713	119	189986	22.141	ug/l	100
80) 1,2,4-Trimethylbenzene	11.749	105	179821	22.233	ug/l	99
81) sec-Butylbenzene	11.890	105	229572	22.642	ug/l	100
82) p-Isopropyltoluene	12.006	119	197782	22.511	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	109937	22.260	ug/l	100
84) 1,4-Dichlorobenzene	12.042	146	108745	22.168	ug/l	99
85) n-Butylbenzene	12.335	91	156377	22.662	ug/l	99
86) Hexachloroethane	12.536	117	30513	20.424	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	110800	22.196	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.938	75	15007	22.125	ug/l	95
89) 1,2,4-Trichlorobenzene	13.591	180	75138	22.234	ug/l	99
90) Hexachlorobutadiene	13.725	225	38074	22.702	ug/l	99
91) Naphthalene	13.774	128	223655	22.193	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	77102	22.150	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

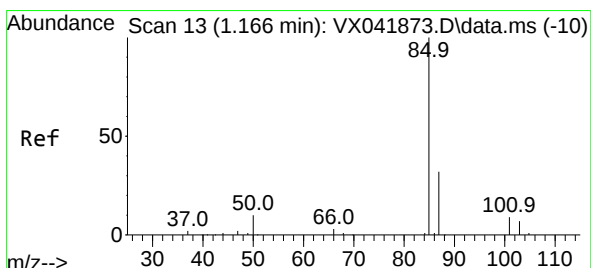
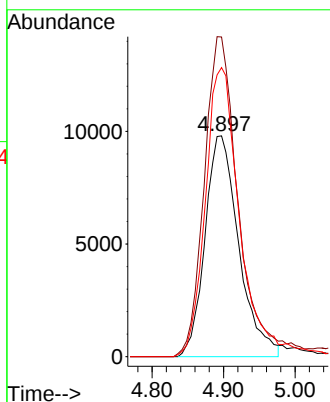
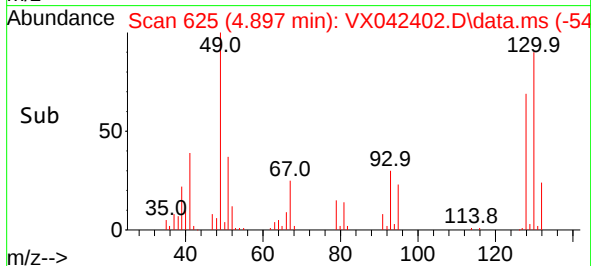
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 32208
Ion Ratio Lower Upper
128 100
49 146.6 0.0 338.5
130 130.7 0.0 324.5

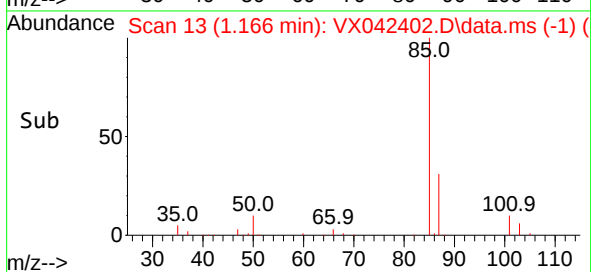
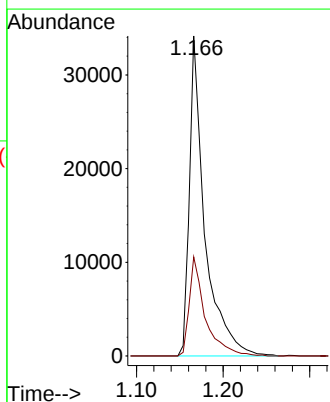
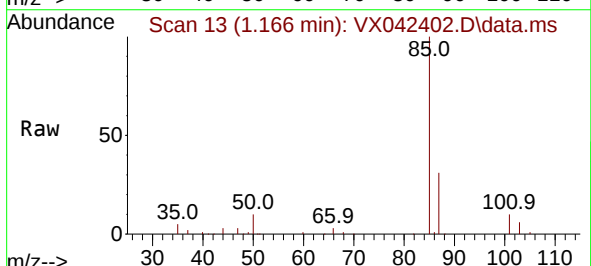
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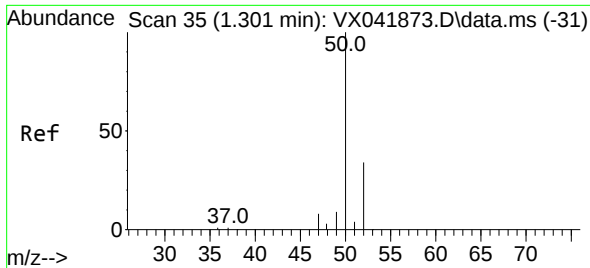
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#2
Dichlorodifluoromethane
Concen: 21.802 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

Tgt Ion: 85 Resp: 42090
Ion Ratio Lower Upper
85 100
87 30.9 15.8 47.3





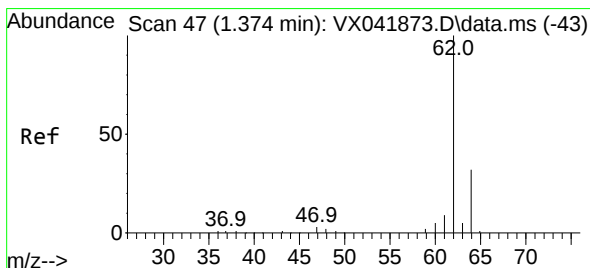
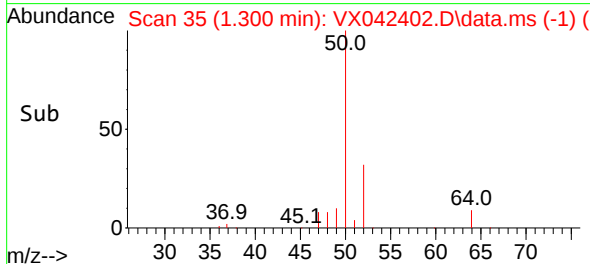
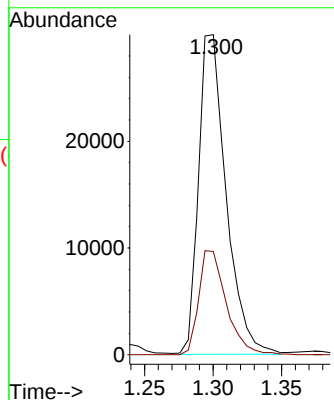
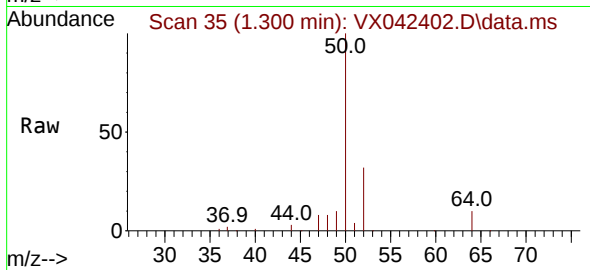
#3
Chloromethane
Concen: 20.854 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 42098
Ion Ratio Lower Upper
50 100
52 32.4 26.9 40.3

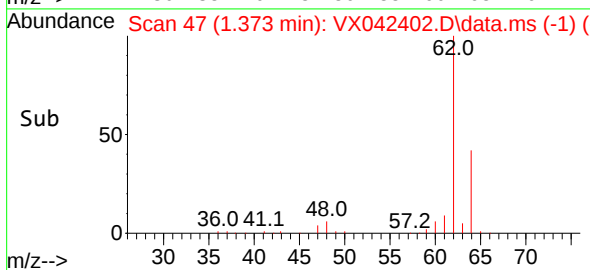
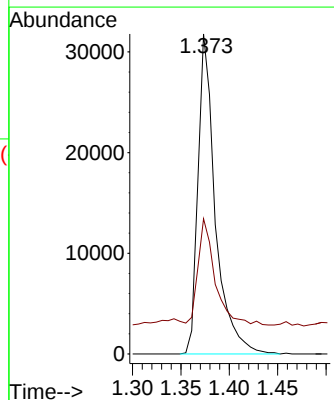
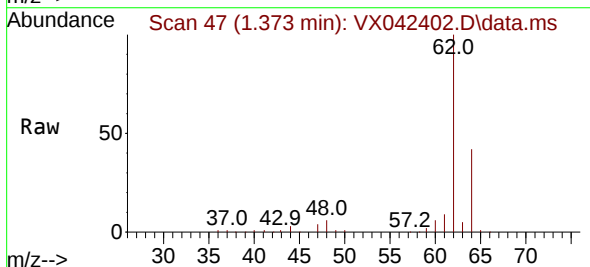
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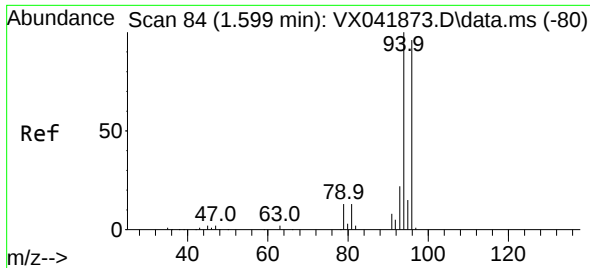
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#4
Vinyl Chloride
Concen: 19.784 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

Tgt Ion: 62 Resp: 39676
Ion Ratio Lower Upper
62 100
64 33.0 26.1 39.1





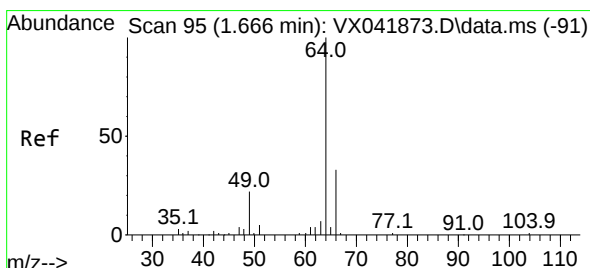
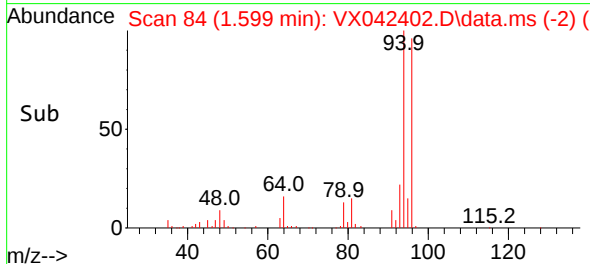
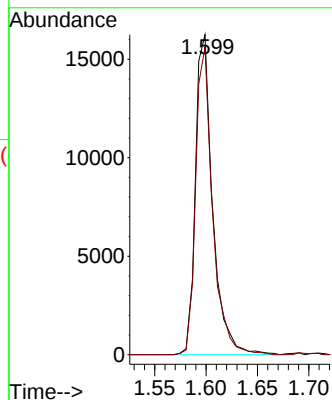
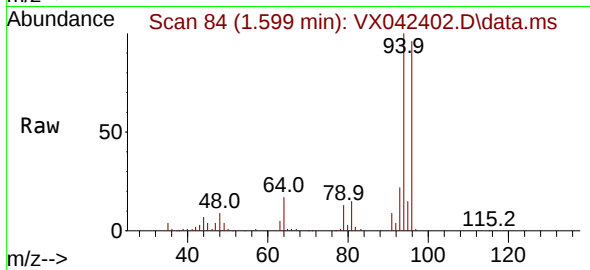
#5
Bromomethane
Concen: 18.821 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 94 Resp: 1894
Ion Ratio Lower Upper
94 100
96 96.1 76.6 115.0

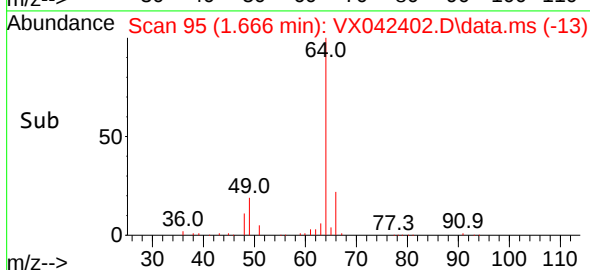
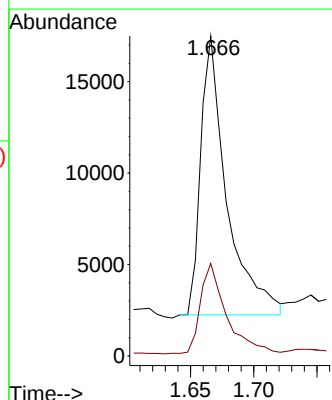
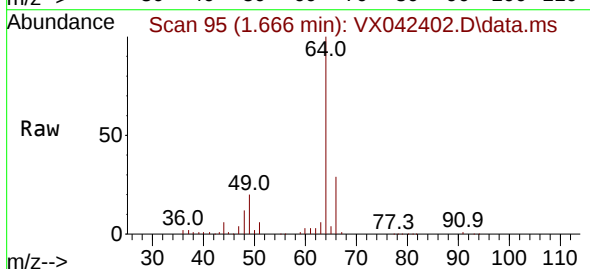
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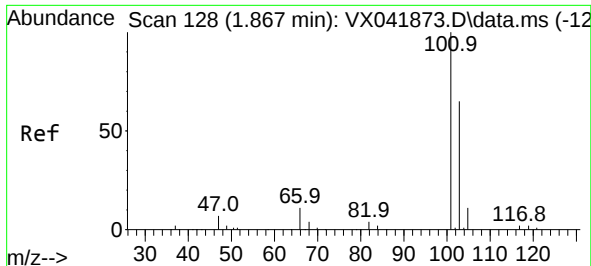
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#6
Chloroethane
Concen: 25.253 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

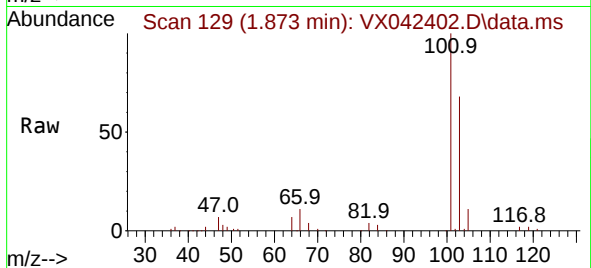
Tgt Ion: 64 Resp: 21826
Ion Ratio Lower Upper
64 100
66 32.2 26.4 39.6





#7
Trichlorofluoromethane
Concen: 22.800 ug/l
RT: 1.873 min Scan# 129
Delta R.T. 0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

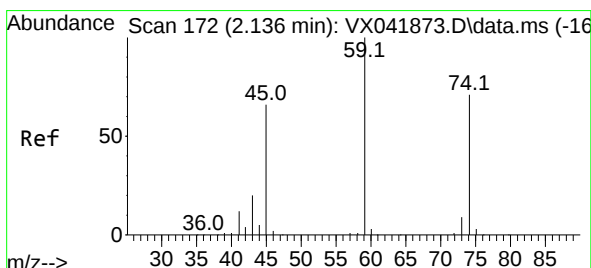
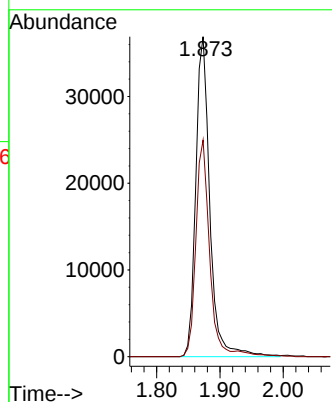
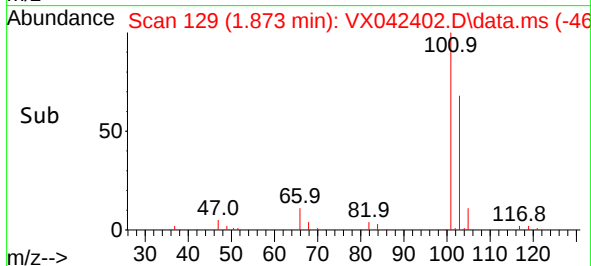
Instrument :
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Tgt Ion:101 Resp: 57210
Ion Ratio Lower Upper
101 100
103 67.7 51.8 77.8

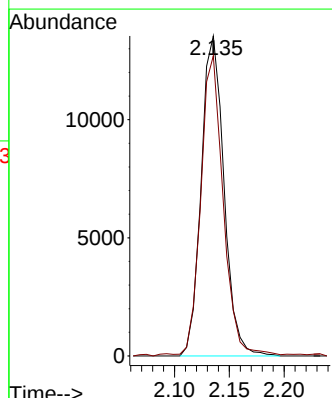
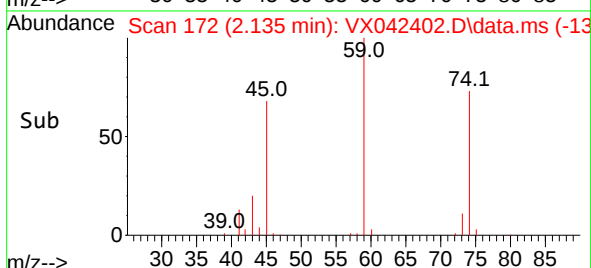
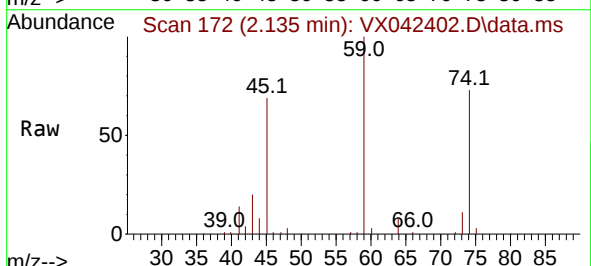
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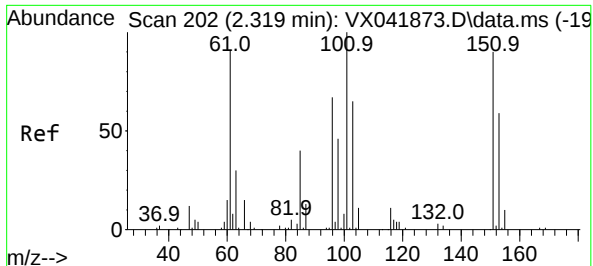
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#8
Diethyl Ether
Concen: 18.630 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

Tgt Ion: 74 Resp: 19605
Ion Ratio Lower Upper
74 100
45 92.3 18.7 168.7





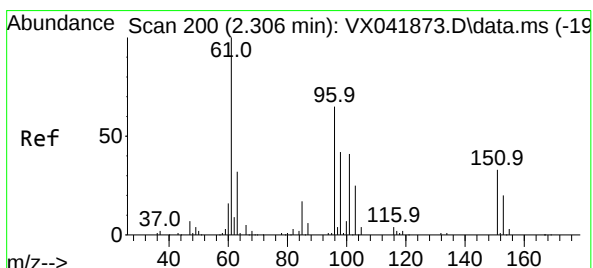
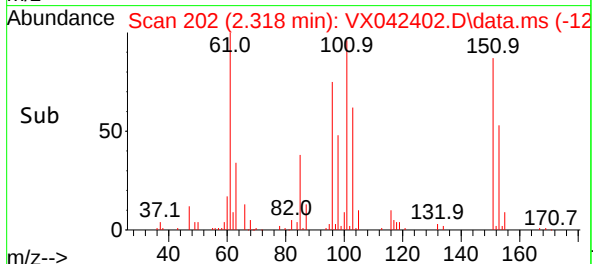
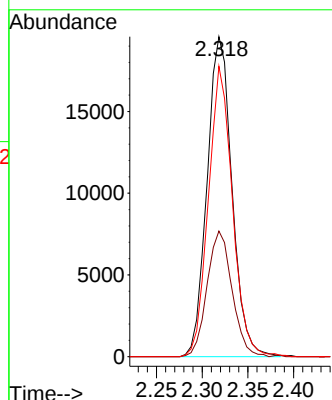
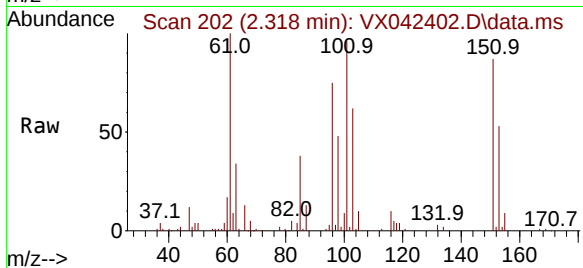
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1,1,2-Trichlorotrifluoroethane
Concen: 18.992 ug/l
RT: 2.318 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 3711
Ion Ratio Lower Upper
101 100
85 39.3 0.0 80.4
151 87.5 0.0 175.2

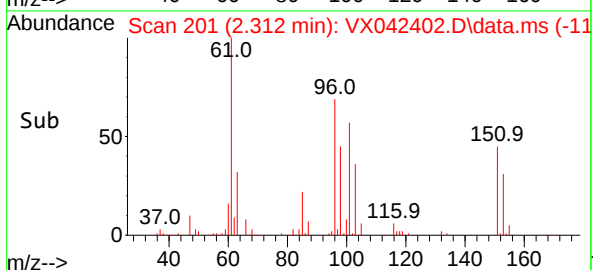
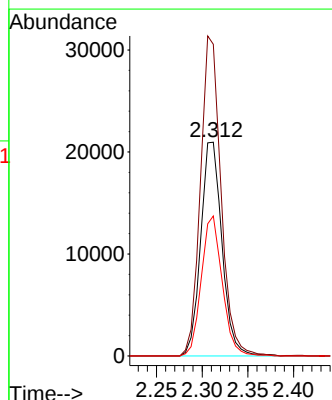
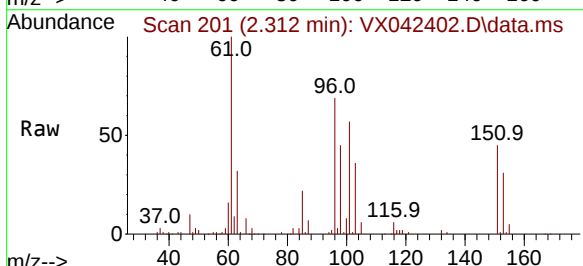
Manual Integrations
APPROVED

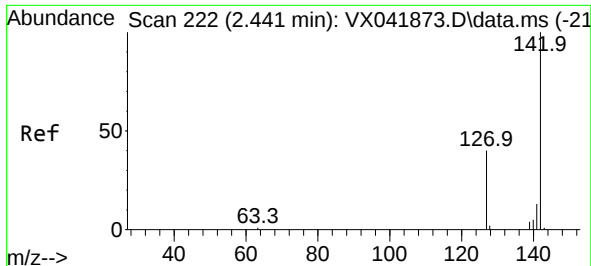
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#10
1,1-Dichloroethene
Concen: 18.064 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

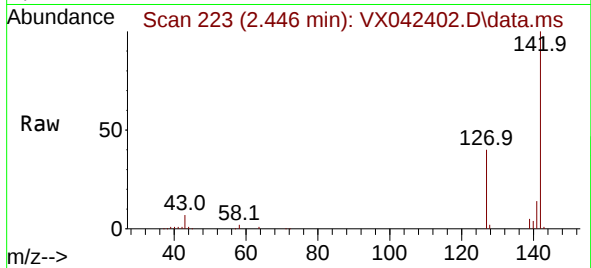
Tgt Ion: 96 Resp: 33923
Ion Ratio Lower Upper
96 100
61 145.9 122.3 183.5
98 65.5 51.5 77.3





#11
Methyl Iodide
Concen: 21.019 ug/l
RT: 2.446 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

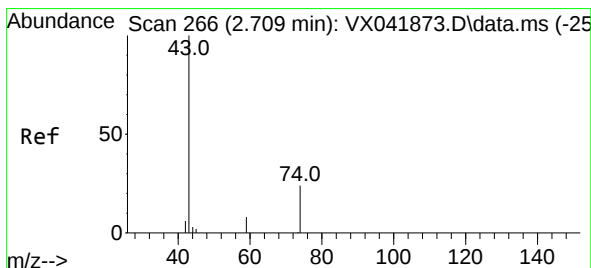
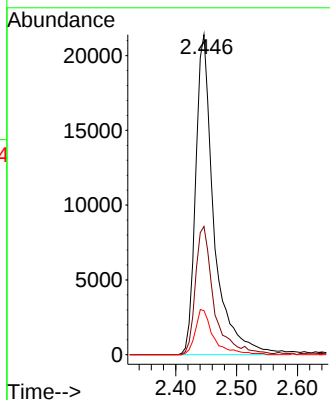
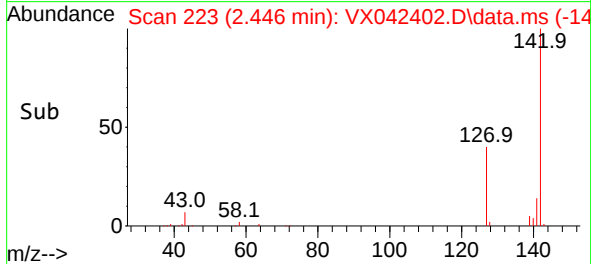
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 44629
Ion Ratio Lower Upper
142 100
127 39.9 19.8 59.3
141 13.8 6.7 20.1

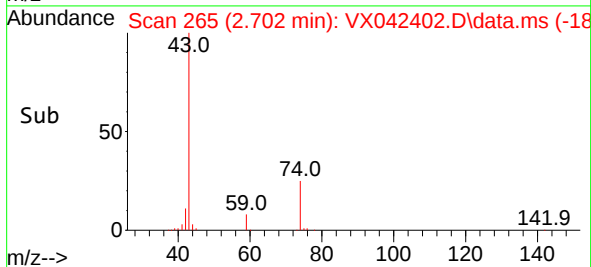
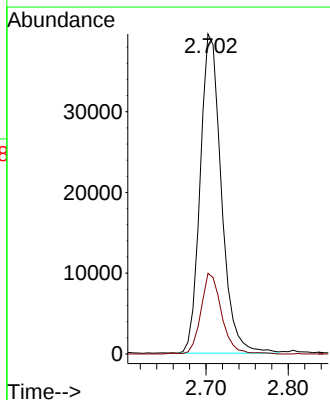
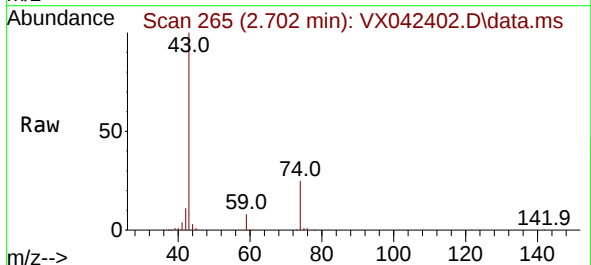
Manual Integrations
APPROVED

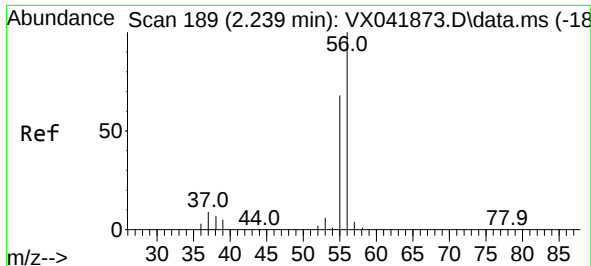
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#12
Methyl Acetate
Concen: 22.915 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

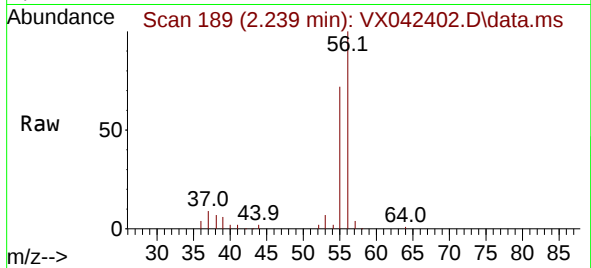
Tgt Ion: 43 Resp: 70727
Ion Ratio Lower Upper
43 100
74 25.2 19.4 29.2





#13
Acrolein
Concen: 79.278 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

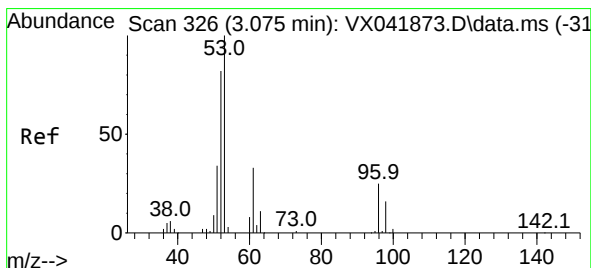
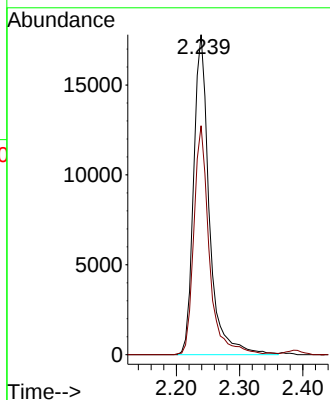
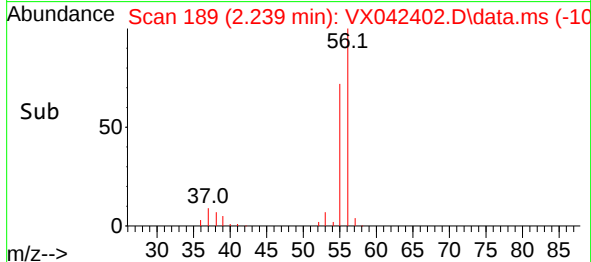
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 30738
Ion Ratio Lower Upper
56 100
55 70.3 55.4 83.0

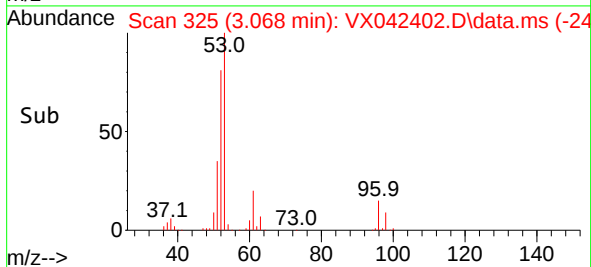
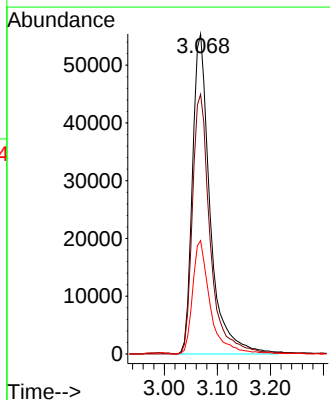
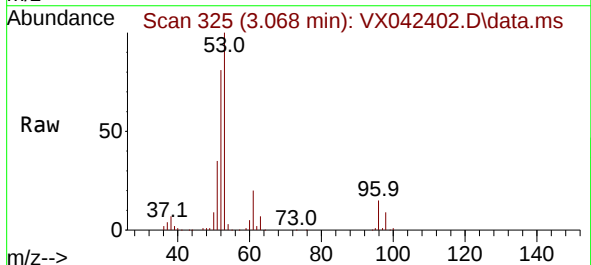
Manual Integrations
APPROVED

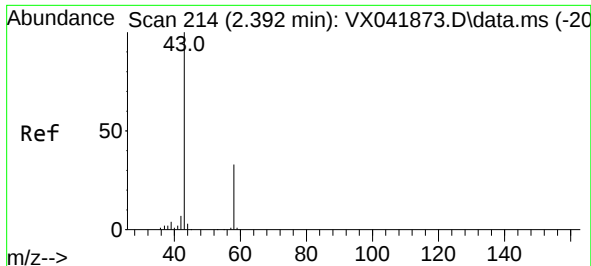
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#14
Acrylonitrile
Concen: 110.574 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

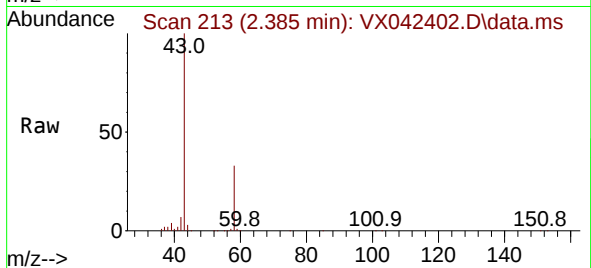
Tgt Ion: 53 Resp: 128163
Ion Ratio Lower Upper
53 100
52 81.2 39.9 119.7
51 35.2 17.4 52.3





#15
Acetone
Concen: 92.471 ug/l
RT: 2.385 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

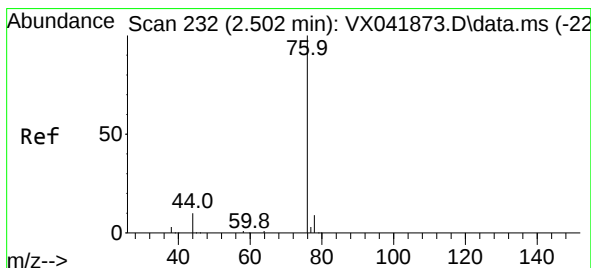
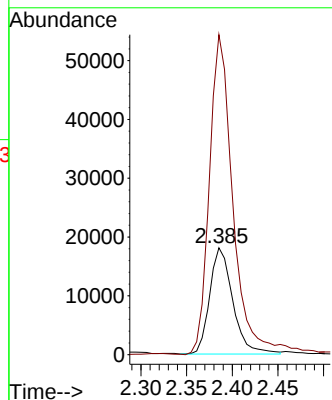
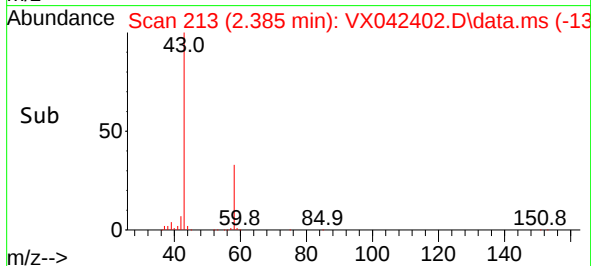
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 3188
Ion Ratio Lower Upper
58 100
43 301.0 243.4 365.2

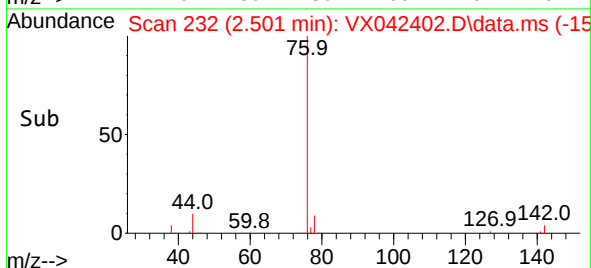
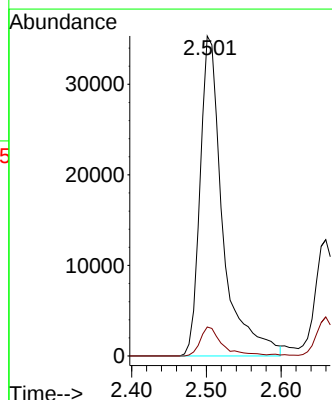
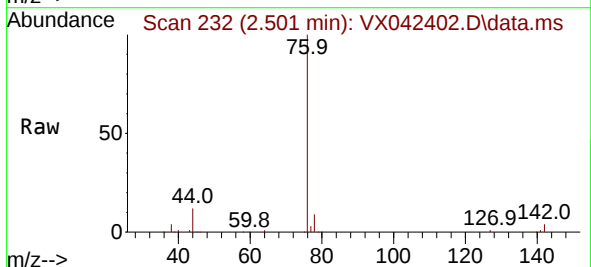
Manual Integrations
APPROVED

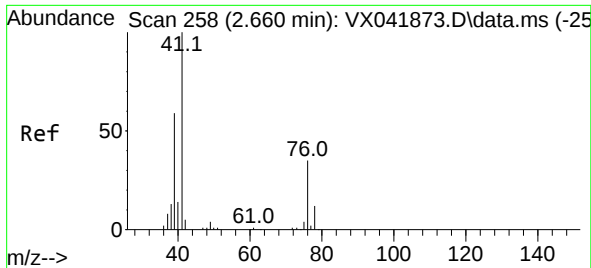
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#16
Carbon Disulfide
Concen: 20.108 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

Tgt Ion: 76 Resp: 74647
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9





#17
 Allyl chloride
 Concen: 22.589 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. -0.000 min
 Lab File: VX042402.D
 Acq: 19 Jul 2024 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

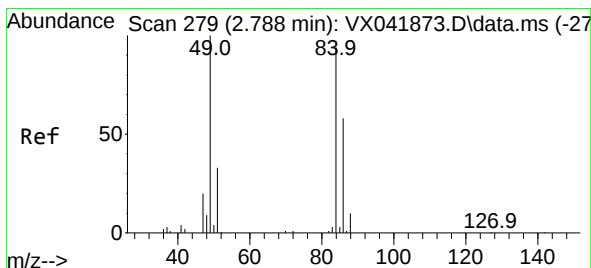
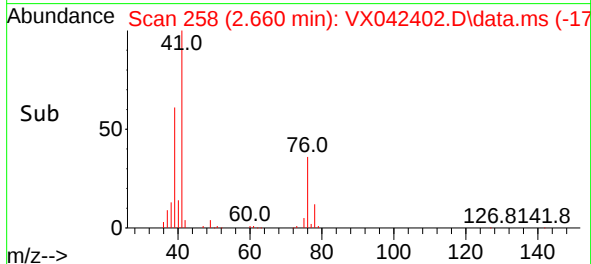
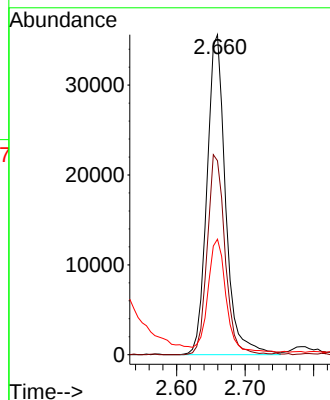
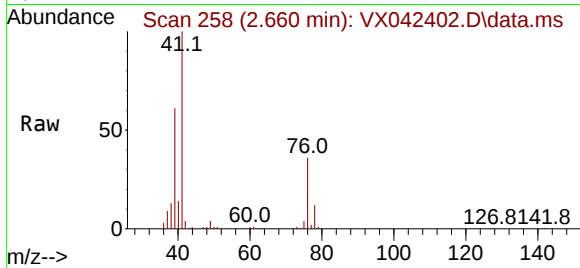
Tgt Ion: 41 Resp: 67490
 Ion Ratio Lower Upper
 41 100
 39 60.6 29.6 88.8
 76 35.2 18.1 54.4

Manual Integrations

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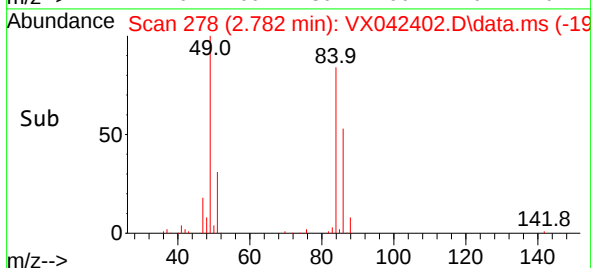
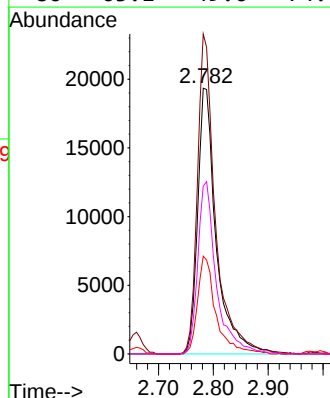
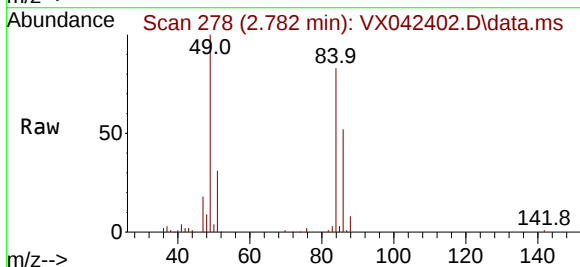
Reviewed By :John Carlone 07/19/2024

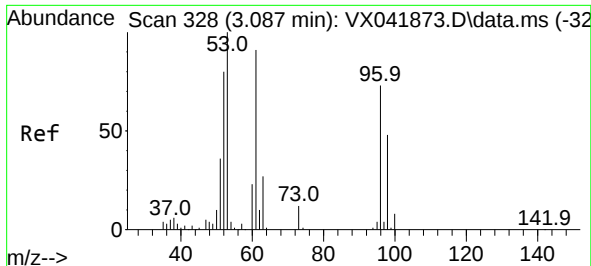
Supervised By :Mahesh Dadoda 07/22/2024



#18
 Methylene Chloride
 Concen: 21.354 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VX042402.D
 Acq: 19 Jul 2024 14:42

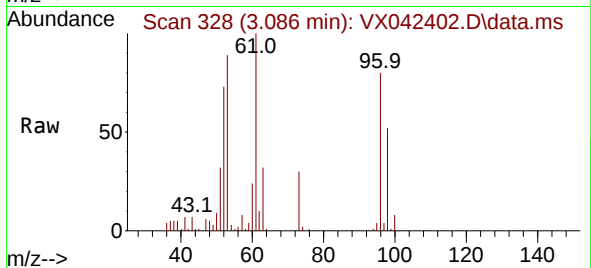
Tgt Ion: 84 Resp: 45797
 Ion Ratio Lower Upper
 84 100
 49 120.4 85.3 127.9
 51 36.8 28.5 42.7
 86 63.1 49.6 74.4





#19
trans-1,2-Dichloroethene
Concen: 21.467 ug/l
RT: 3.086 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

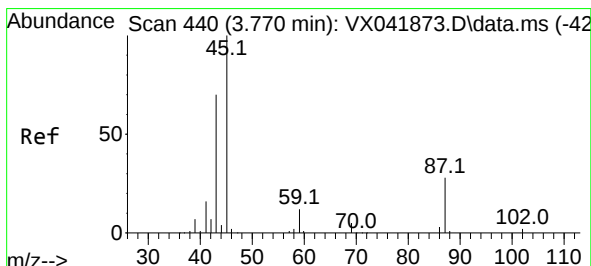
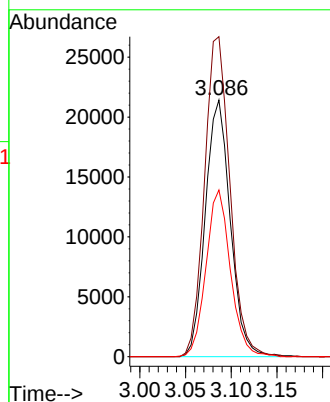
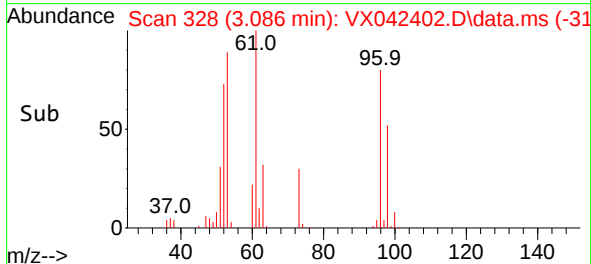
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



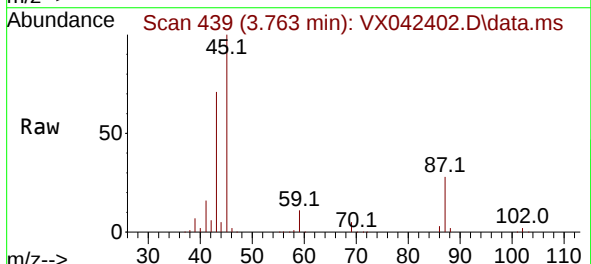
Tgt Ion: 96 Resp: 4072
Ion Ratio Lower Upper
96 100
61 124.7 100.1 150.1
98 65.0 52.1 78.1

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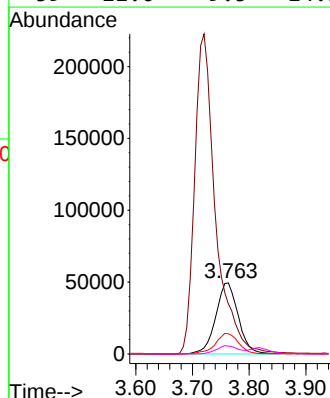
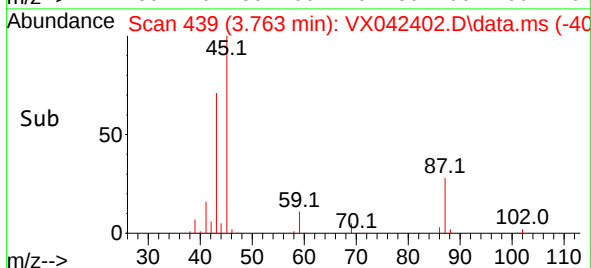
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

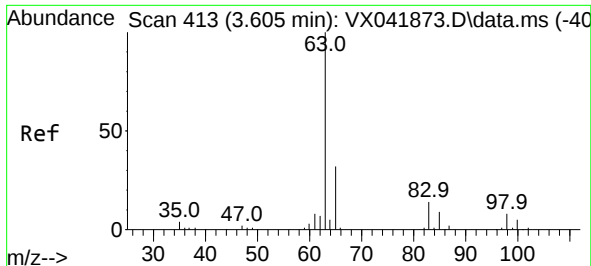


#20
Diisopropyl ether
Concen: 21.628 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42



Tgt Ion: 45 Resp: 136179
Ion Ratio Lower Upper
45 100
43 69.1 55.8 83.8
87 28.4 22.6 34.0
59 11.0 9.5 14.3





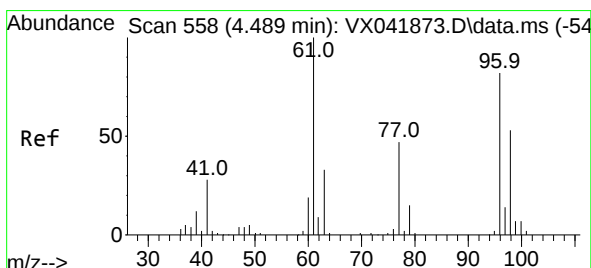
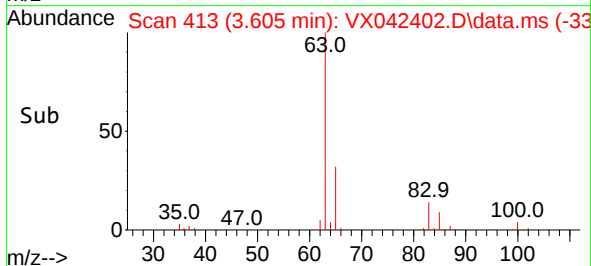
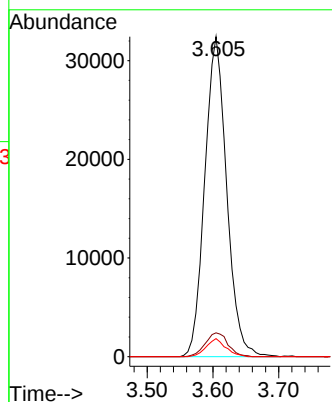
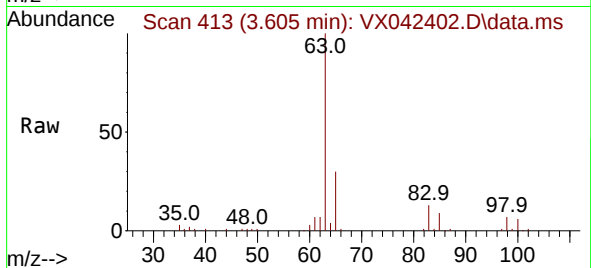
#21
1,1-Dichloroethane
Concen: 21.036 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 7519
Ion Ratio Lower Upper
63 100
98 7.4 4.2 12.4
100 5.6 2.5 7.4

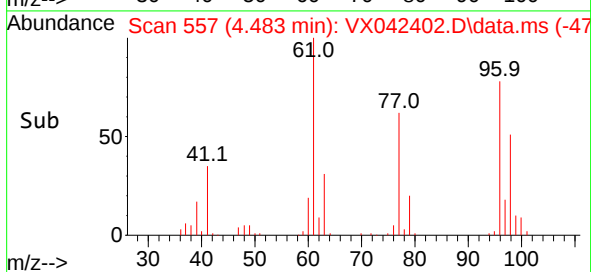
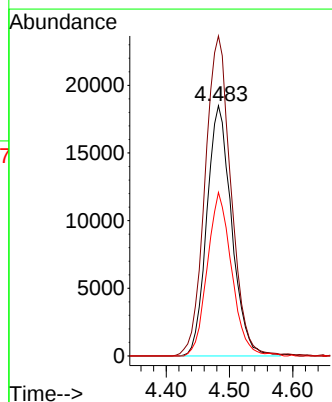
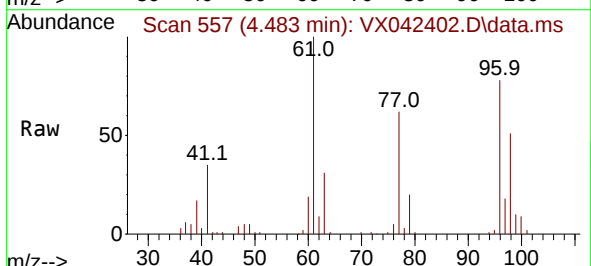
Manual Integrations
APPROVED

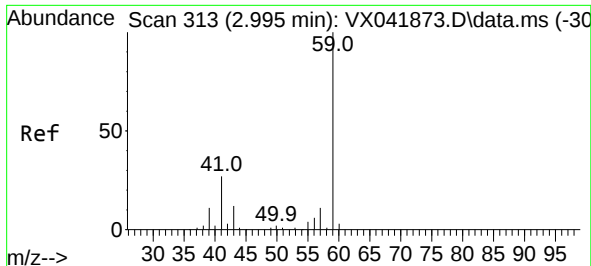
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#22
cis-1,2-Dichloroethene
Concen: 21.252 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

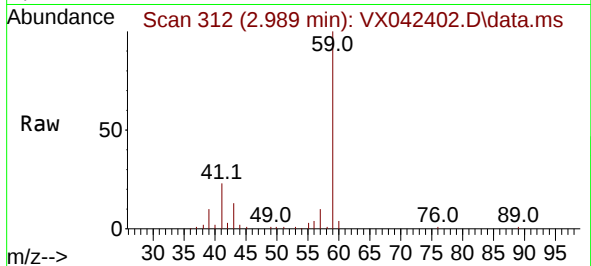
Tgt Ion: 96 Resp: 50484
Ion Ratio Lower Upper
96 100
61 133.7 103.3 154.9
98 63.6 52.2 78.2





#23
tert-Butyl Alcohol
Concen: 123.160 ug/l m
RT: 2.989 min Scan# 313
Delta R.T. -0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

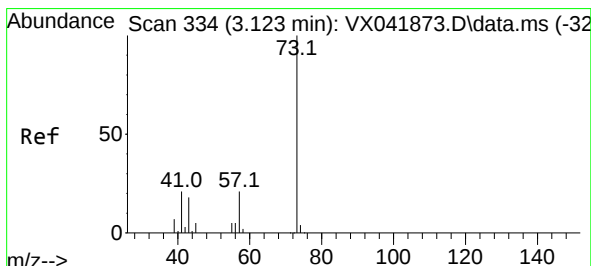
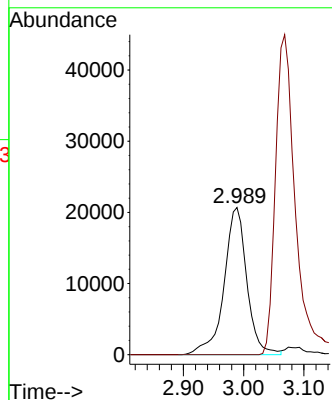
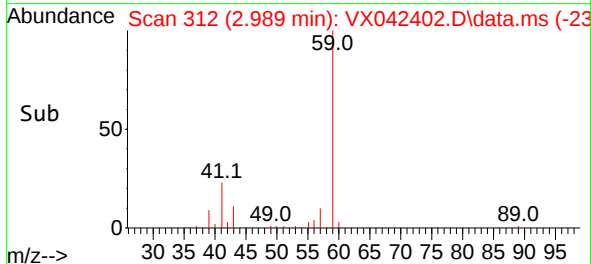
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 5440
Ion Ratio Lower Upper
59 100
52 191.3 0.0 0.0

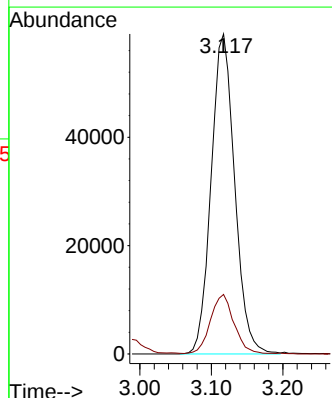
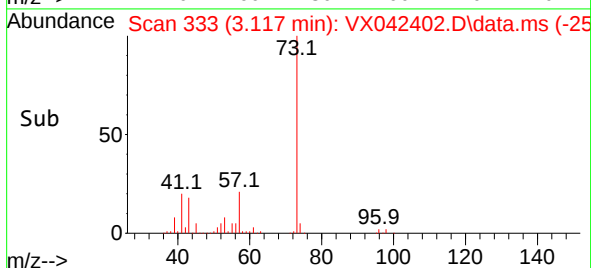
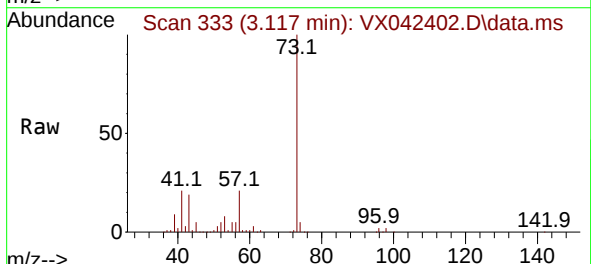
Manual Integrations
APPROVED

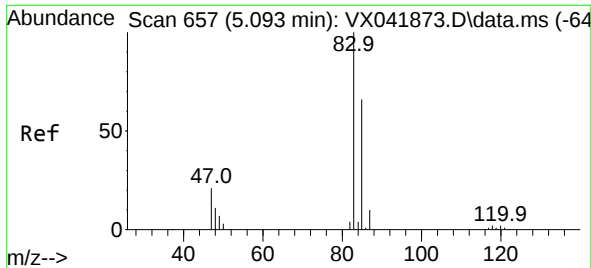
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#24
Methyl tert-Butyl Ether
Concen: 21.566 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

Tgt Ion: 73 Resp: 135178
Ion Ratio Lower Upper
73 100
43 18.7 15.1 22.7





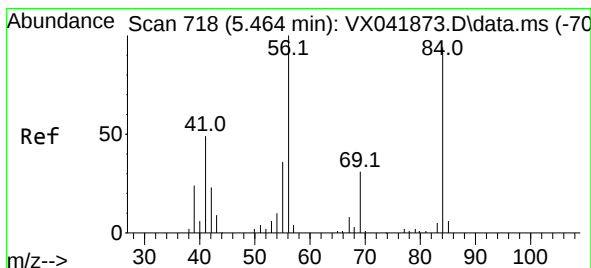
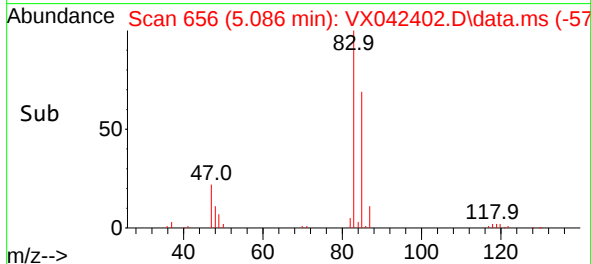
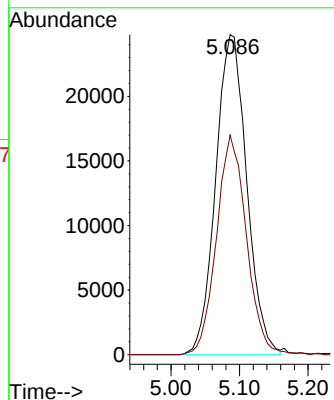
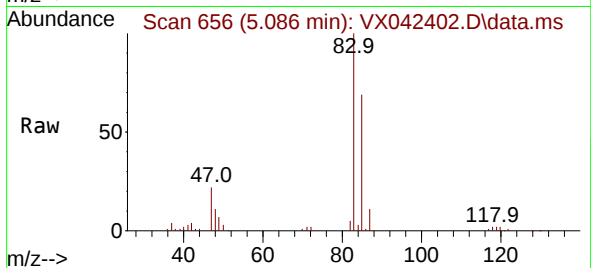
#25
Chloroform
Concen: 21.111 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 77986
Ion Ratio Lower Upper
83 100
85 68.6 52.7 79.1

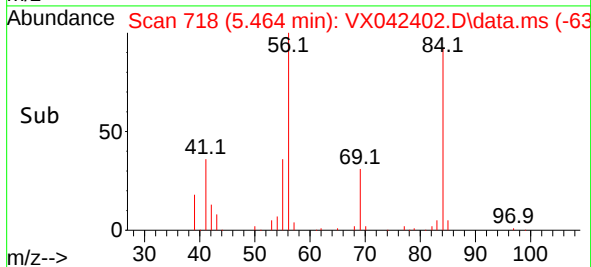
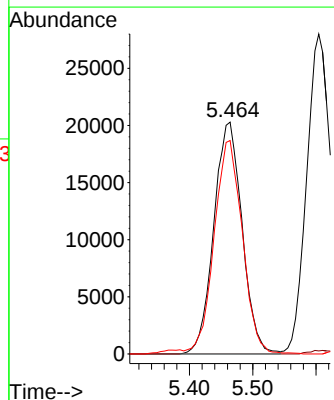
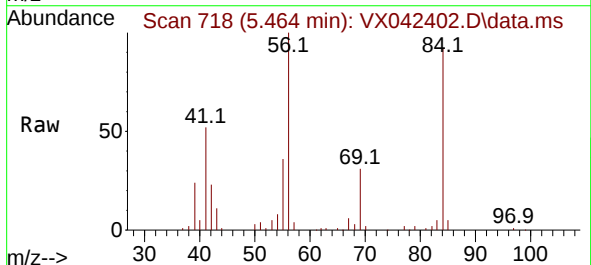
Manual Integrations
APPROVED

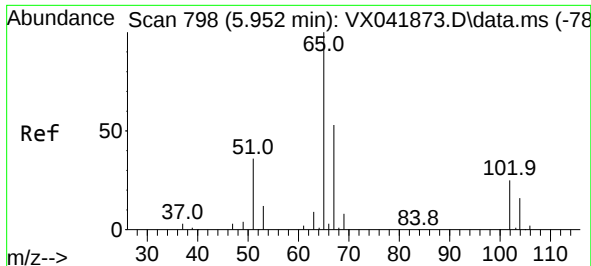
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#26
Cyclohexane
Concen: 21.275 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

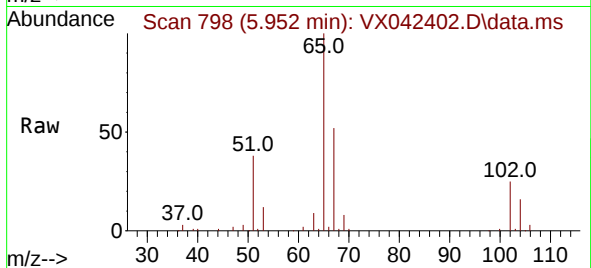
Tgt Ion: 56 Resp: 62979
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.0 73.1 109.7





#27
1,2-Dichloroethane-d4
Concen: 29.250 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

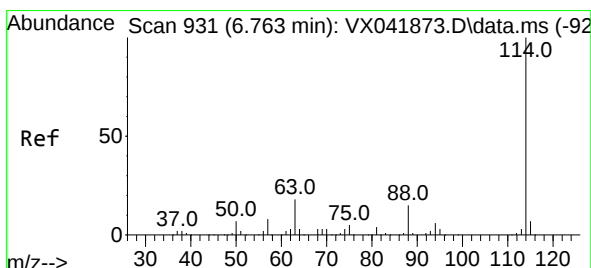
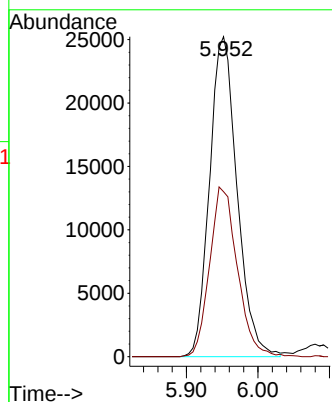
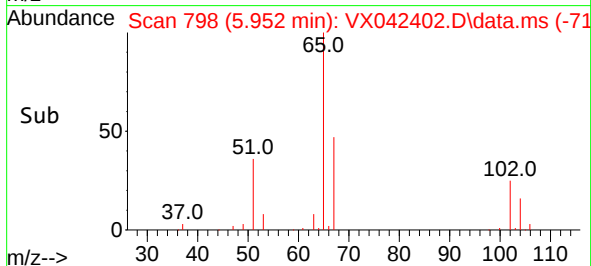
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



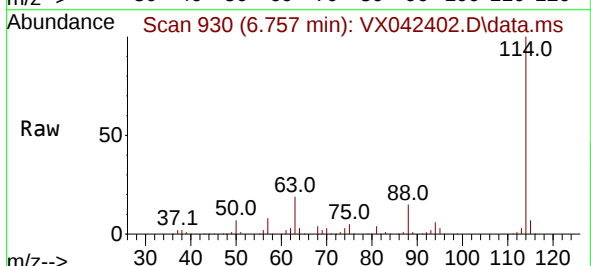
Tgt Ion: 65 Resp: 6748
Ion Ratio Lower Upper
65 100
67 53.4 43.4 65.0

Manual Integrations
APPROVED

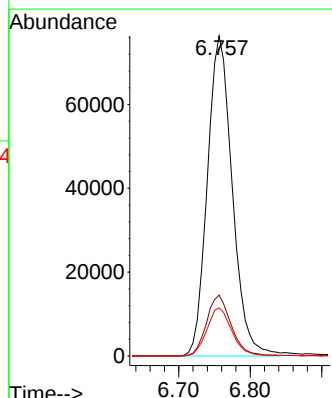
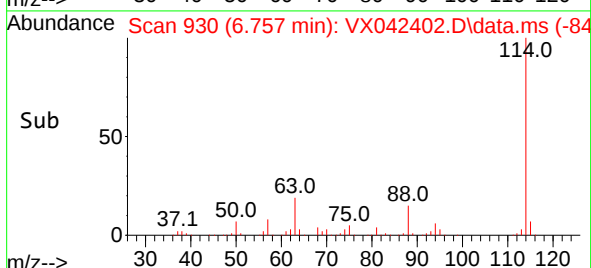
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

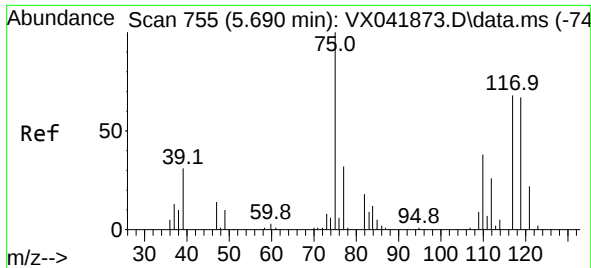


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42



Tgt Ion:114 Resp: 185110
Ion Ratio Lower Upper
114 100
63 18.6 14.6 21.8
88 15.1 11.8 17.8





#29
1,1-Dichloropropene
Concen: 21.550 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

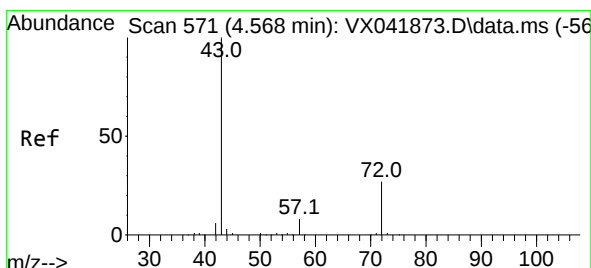
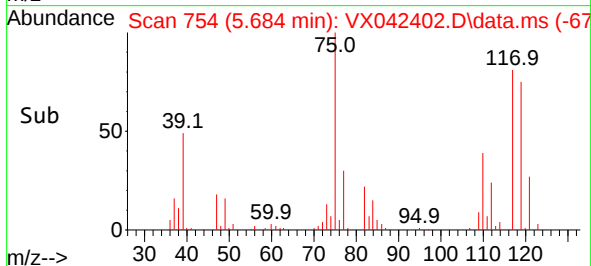
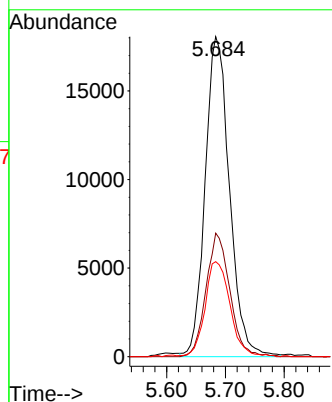
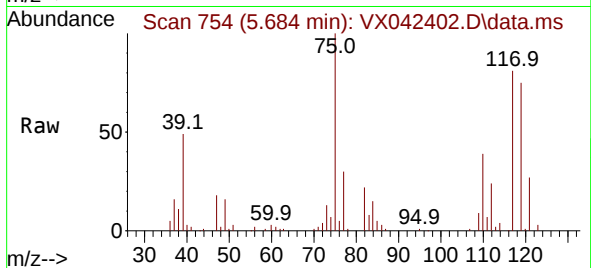
Tgt Ion: 75 Resp: 52019
Ion Ratio Lower Upper
75 100
110 37.5 0.0 80.2
77 29.8 0.0 65.2

Manual Integrations

APPROVED

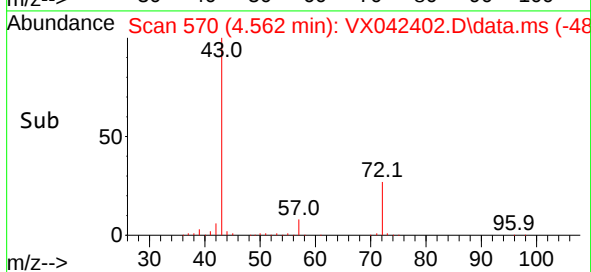
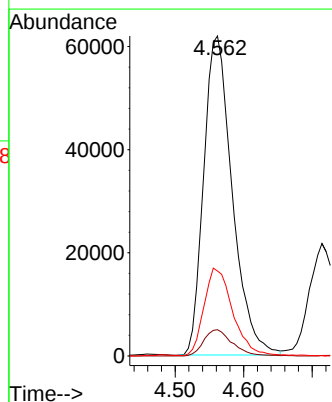
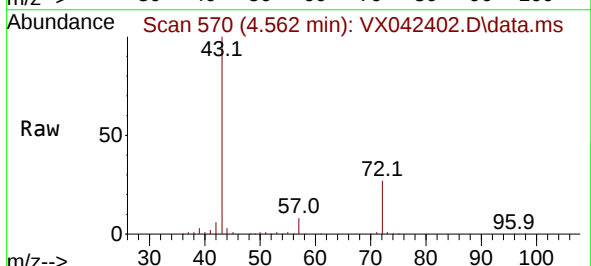
Reviewed By :John Carlone 07/19/2024

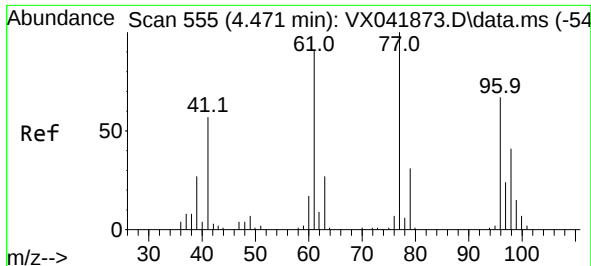
Supervised By :Mahesh Dadoda 07/22/2024



#30
2-Butanone
Concen: 111.277 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

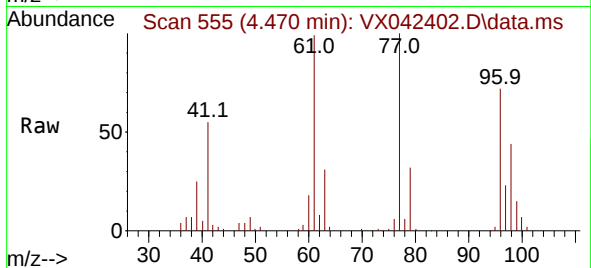
Tgt Ion: 43 Resp: 179332
Ion Ratio Lower Upper
43 100
57 8.3 6.5 9.7
72 27.8 22.0 33.0





#31
2,2-Dichloropropane
Concen: 21.617 ug/l
RT: 4.470 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

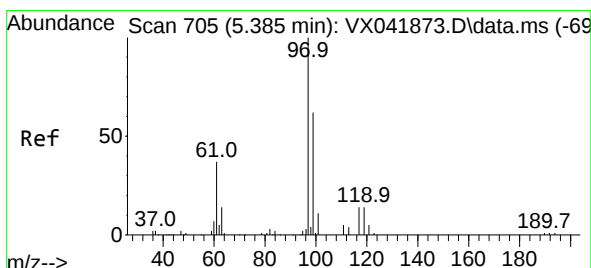
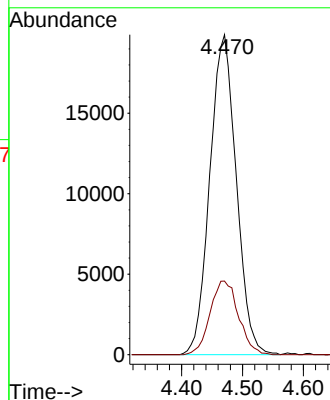
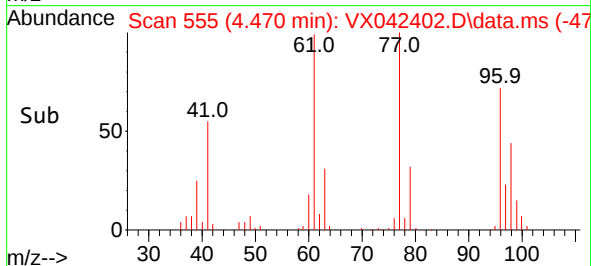
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 77 Resp: 5998
Ion Ratio Lower Upper
77 100
97 24.7 20.2 30.2

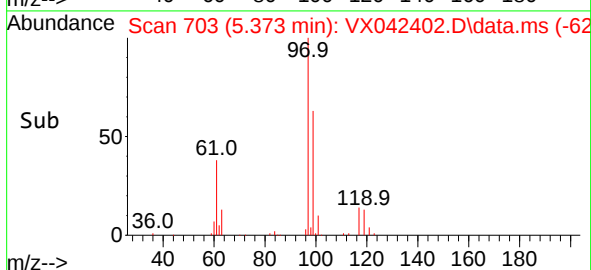
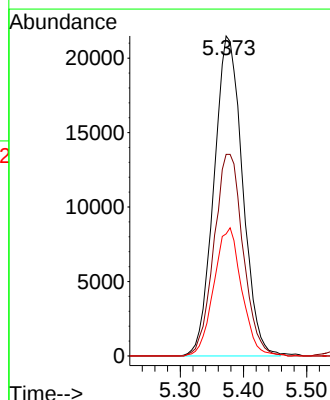
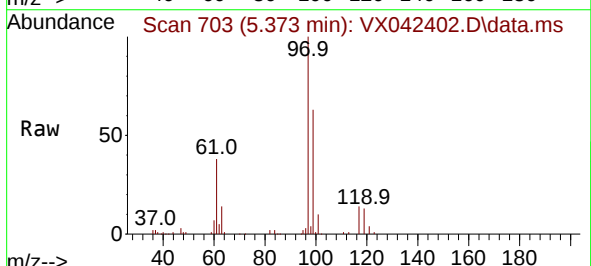
Manual Integrations
APPROVED

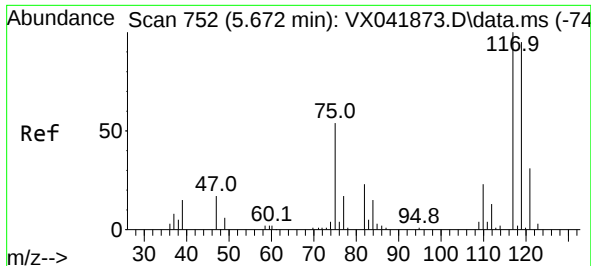
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#32
1,1,1-Trichloroethane
Concen: 21.638 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.013 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

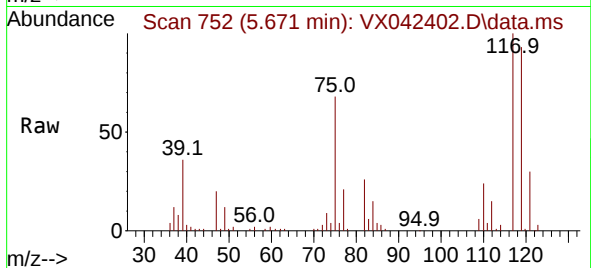
Tgt Ion: 97 Resp: 67462
Ion Ratio Lower Upper
97 100
99 64.2 52.0 78.0
61 39.0 31.7 47.5





#33
Carbon Tetrachloride
Concen: 20.947 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

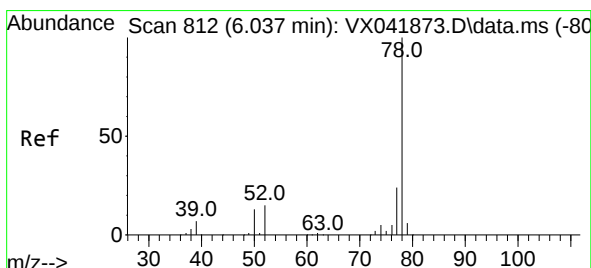
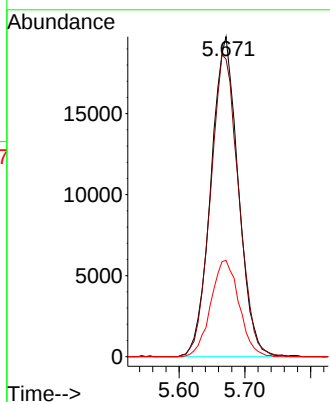
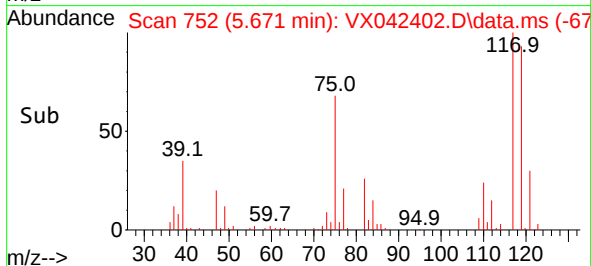
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 57036
Ion Ratio Lower Upper
117 100
119 93.0 75.7 113.5
121 30.1 24.9 37.3

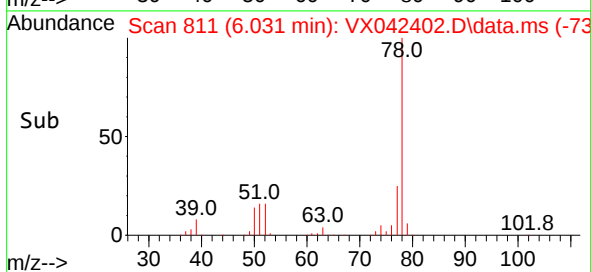
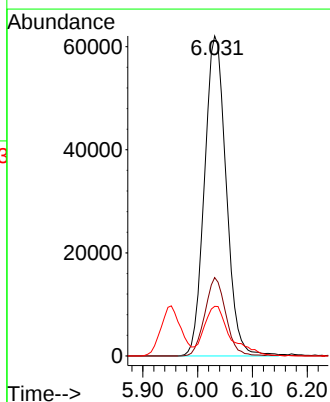
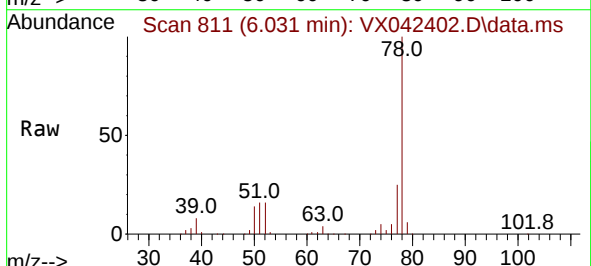
Manual Integrations
APPROVED

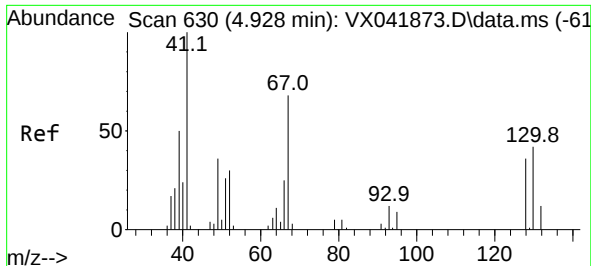
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#34
Benzene
Concen: 21.484 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

Tgt Ion: 78 Resp: 170278
Ion Ratio Lower Upper
78 100
77 24.5 18.9 28.3
51 15.3 11.8 17.8





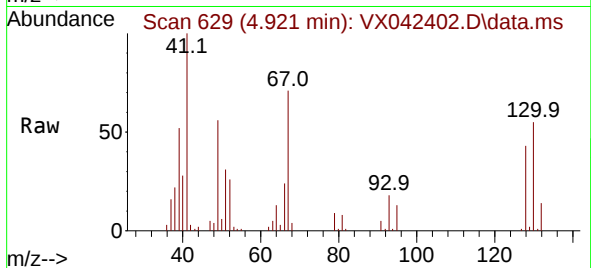
#35
Methacrylonitrile
Concen: 22.477 ug/l
RT: 4.921 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



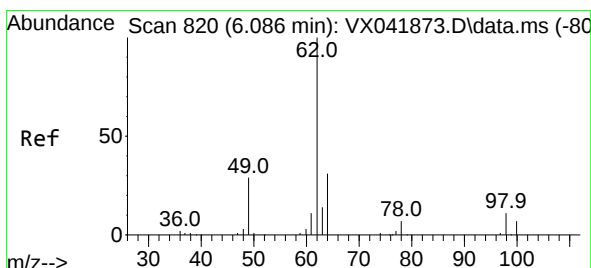
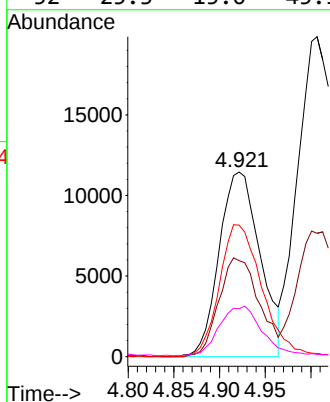
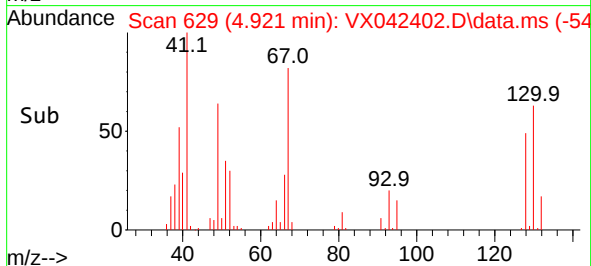
Tgt Ion: 41 Resp: 35740
Ion Ratio Lower Upper
41 100
39 52.0 25.2 75.6
67 71.2 34.2 102.5
52 25.3 15.0 45.1

Manual Integrations

APPROVED

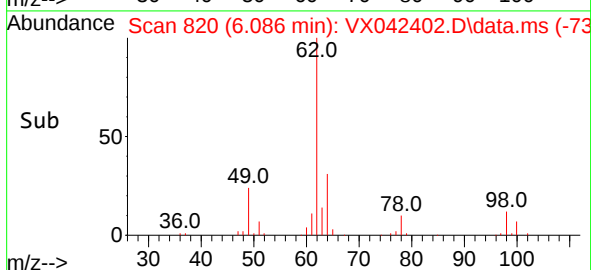
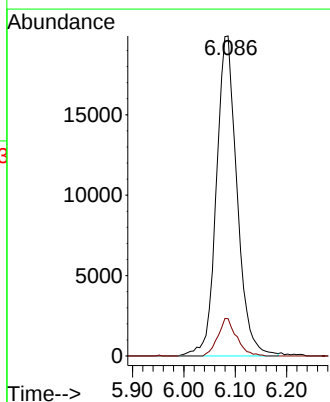
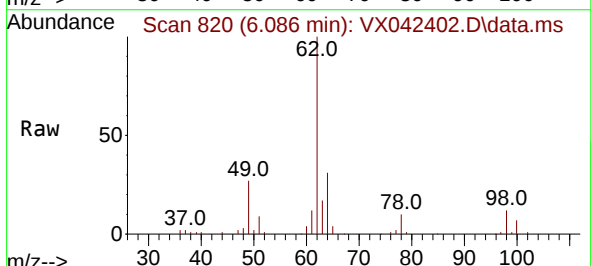
Reviewed By :John Carlone 07/19/2024

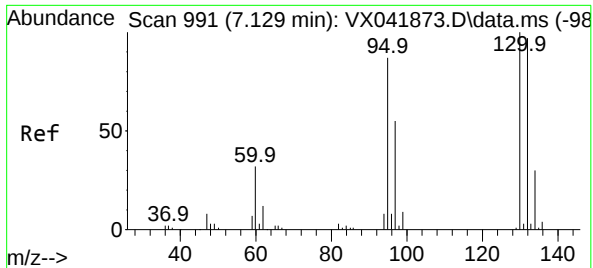
Supervised By :Mahesh Dadoda 07/22/2024



#36
1,2-Dichloroethane
Concen: 21.618 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

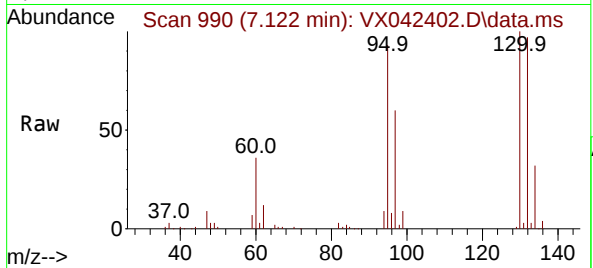
Tgt Ion: 62 Resp: 55571
Ion Ratio Lower Upper
62 100
98 10.6 9.1 13.7





#37
Trichloroethene
Concen: 21.274 ug/l
RT: 7.122 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

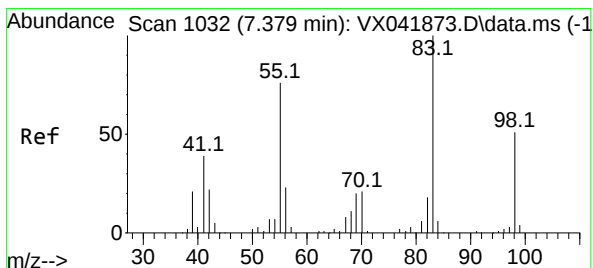
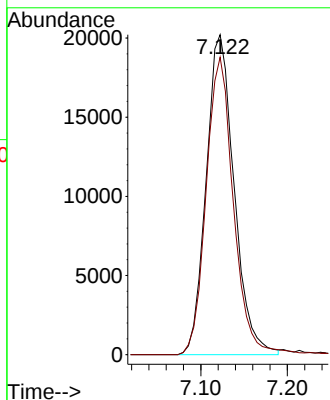
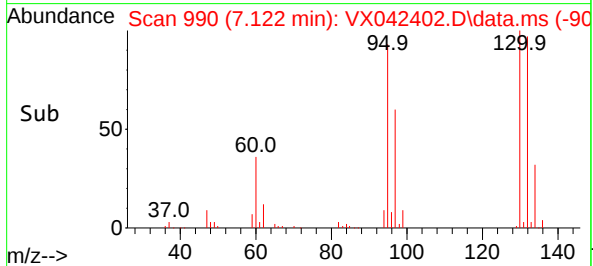
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



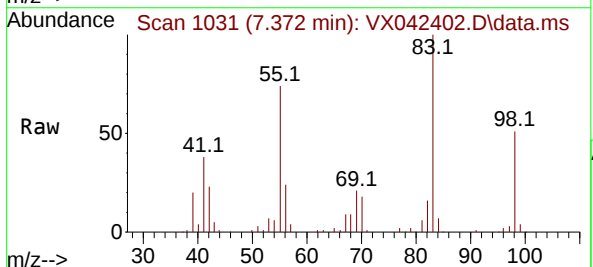
Tgt Ion:130 Resp: 45349
Ion Ratio Lower Upper
130 100
95 93.0 69.4 104.0

Manual Integrations
APPROVED

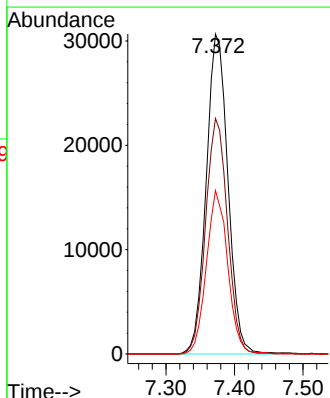
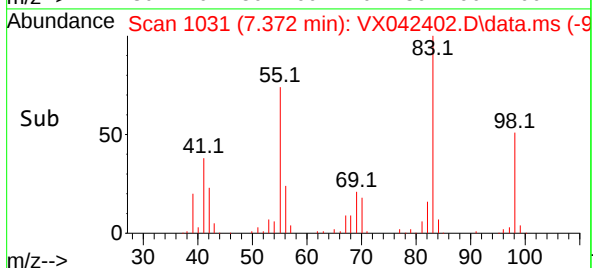
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

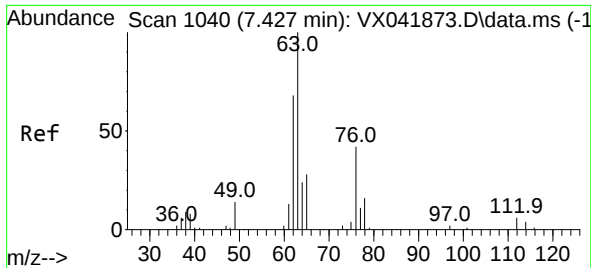


#38
Methylcyclohexane
Concen: 21.784 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42



Tgt Ion: 83 Resp: 67617
Ion Ratio Lower Upper
83 100
55 73.9 37.3 111.9
98 49.9 24.8 74.4





#39

1,2-Dichloropropane

Concen: 21.548 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX042402.D

Acq: 19 Jul 2024 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 4198

Ion Ratio Lower Upper

63 100

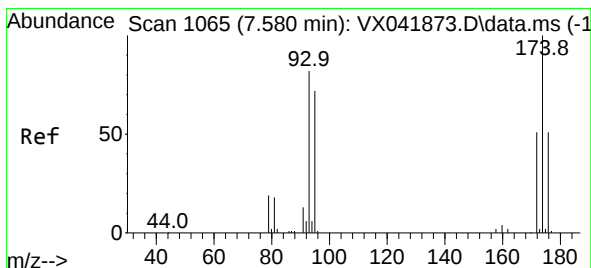
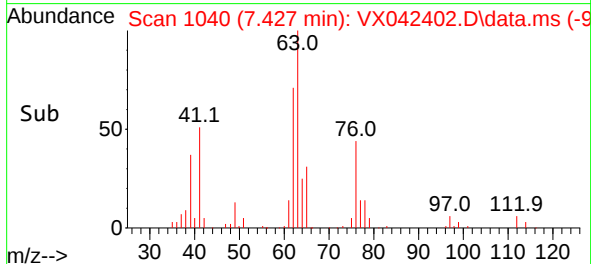
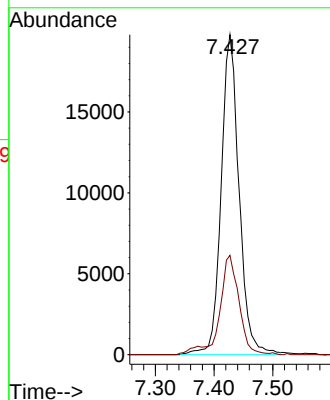
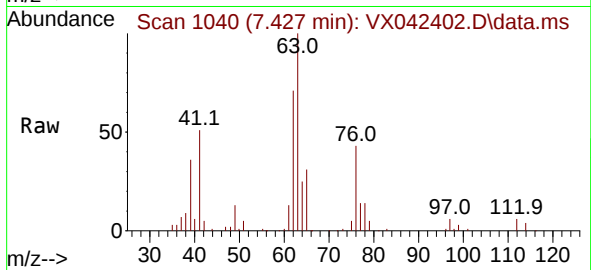
65 31.0 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#40

Dibromomethane

Concen: 21.473 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX042402.D

Acq: 19 Jul 2024 14:42

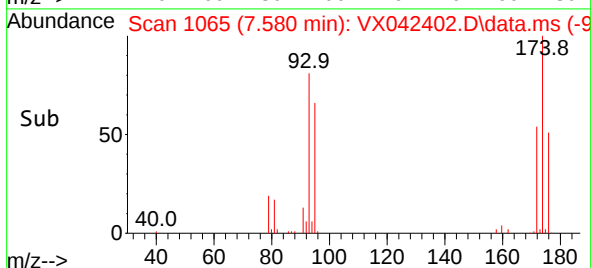
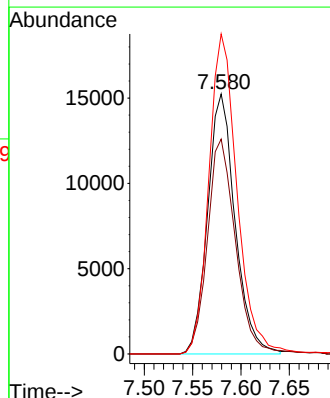
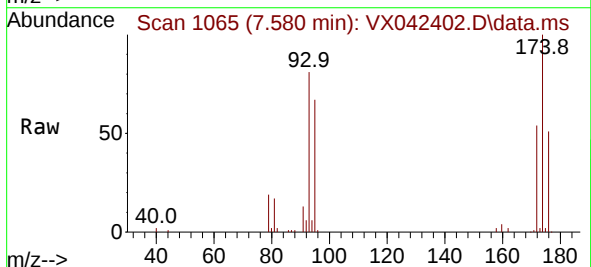
Tgt Ion: 93 Resp: 30199

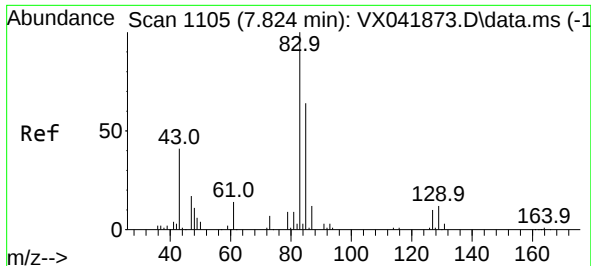
Ion Ratio Lower Upper

93 100

95 84.2 0.0 168.6

174 125.9 0.0 255.0





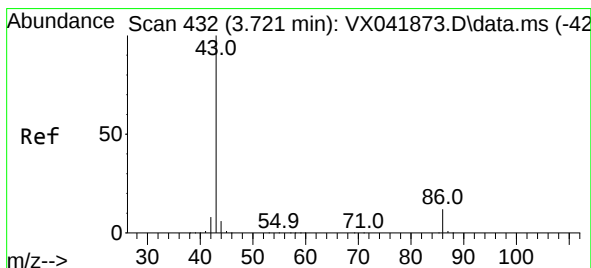
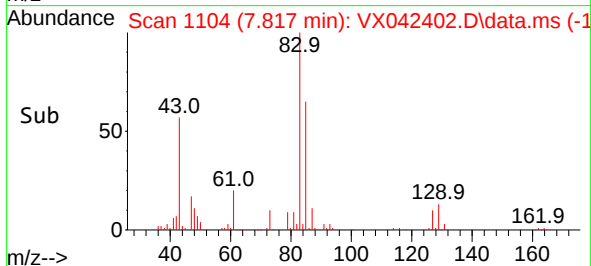
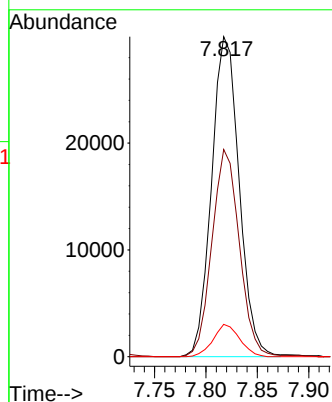
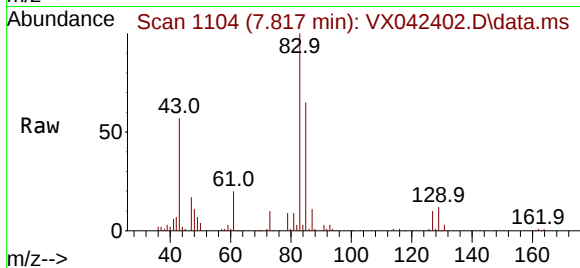
#41
Bromodichloromethane
Concen: 21.221 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 5597
Ion Ratio Lower Upper
83 100
85 64.7 51.1 76.7
127 10.1 8.1 12.1

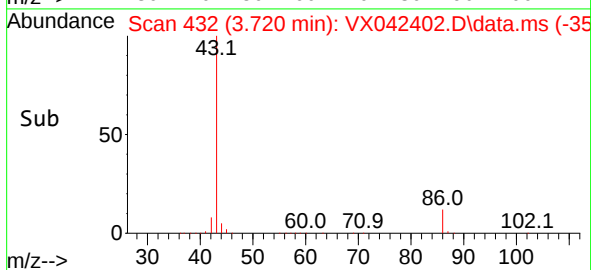
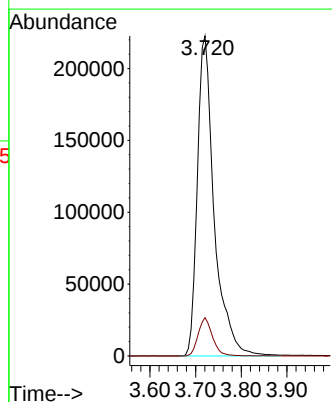
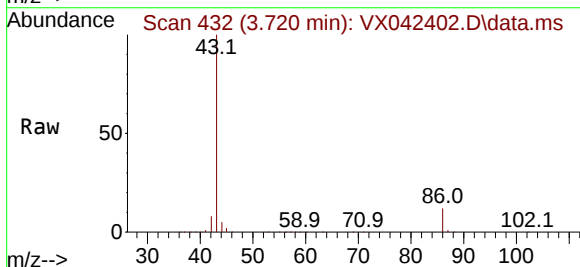
Manual Integrations
APPROVED

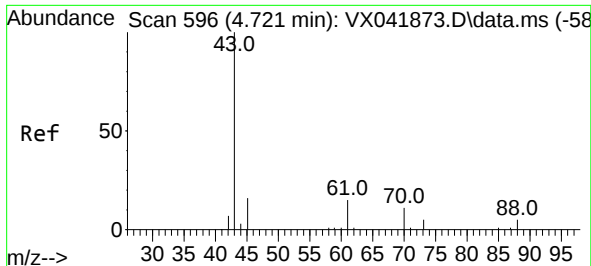
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#42
Vinyl Acetate
Concen: 109.579 ug/l
RT: 3.720 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

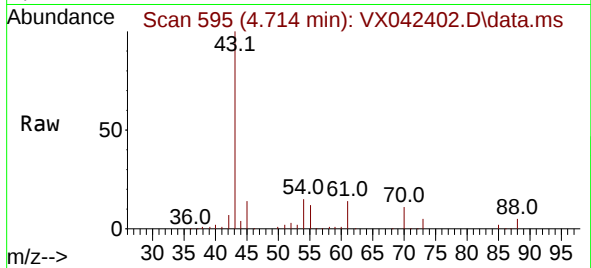
Tgt Ion: 43 Resp: 571348
Ion Ratio Lower Upper
43 100
86 10.2 8.5 12.7





#43
Ethyl Acetate
Concen: 22.306 ug/l
RT: 4.714 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

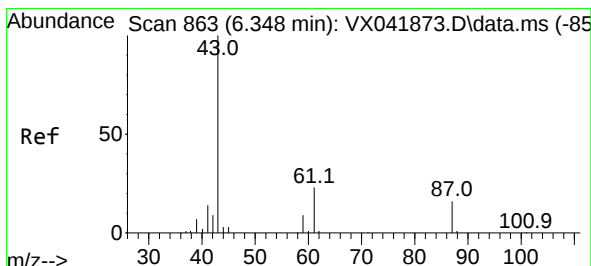
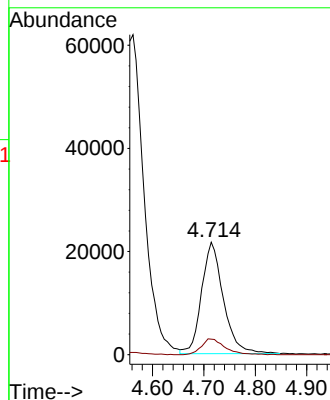
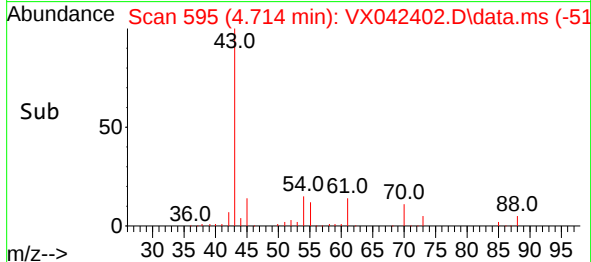
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 63798
Ion Ratio Lower Upper
43 100
45 15.2 12.4 18.6

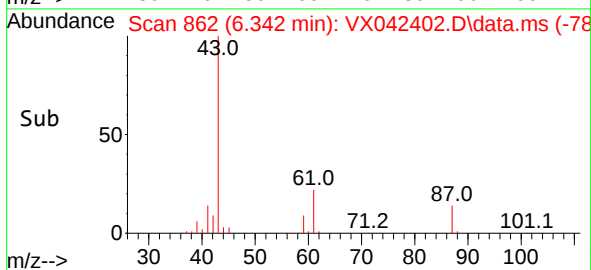
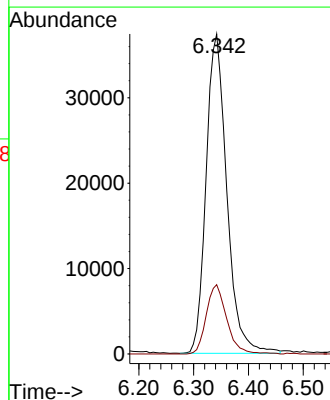
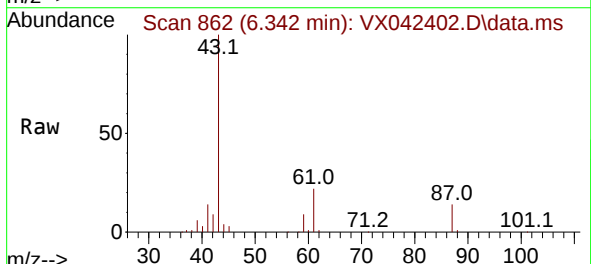
Manual Integrations
APPROVED

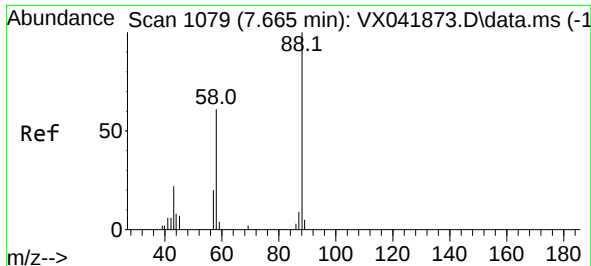
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#44
Isopropyl Acetate
Concen: 21.822 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

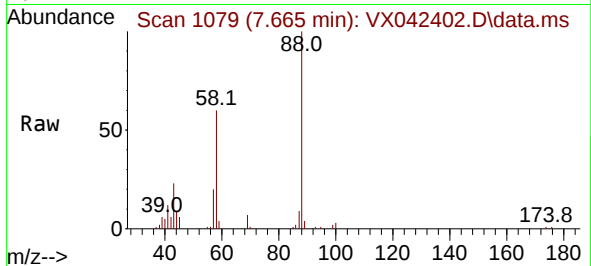
Tgt Ion: 43 Resp: 98042
Ion Ratio Lower Upper
43 100
61 21.2 17.4 26.0





#45
1,4-Dioxane
Concen: 417.743 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

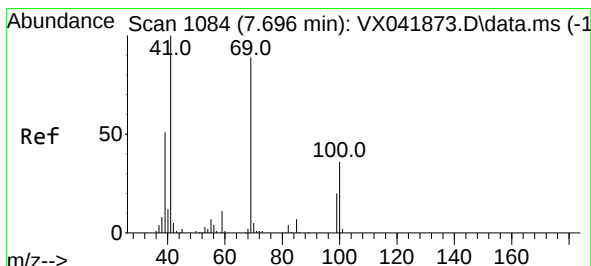
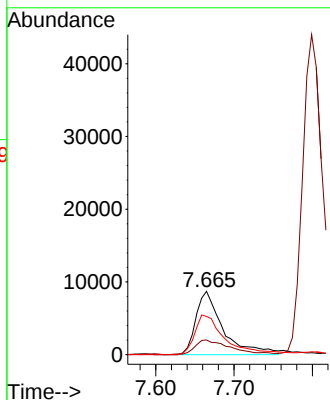
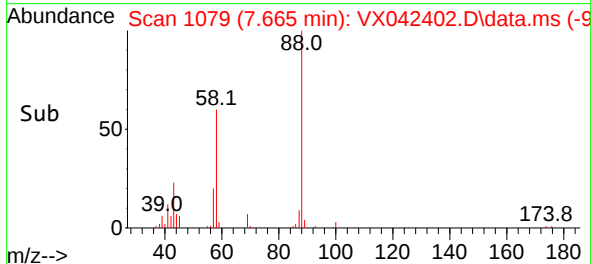
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 2102
Ion Ratio Lower Upper
88 100
43 26.5 23.2 34.8
58 70.1 52.6 78.8

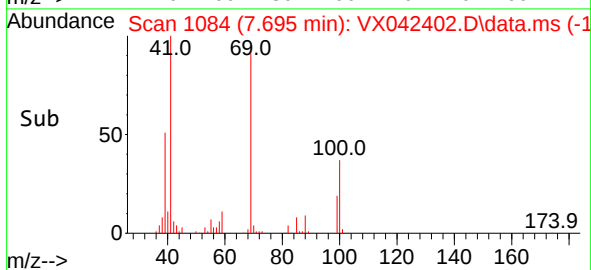
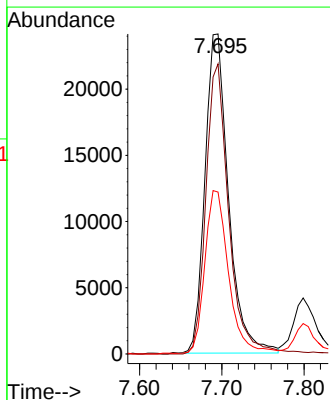
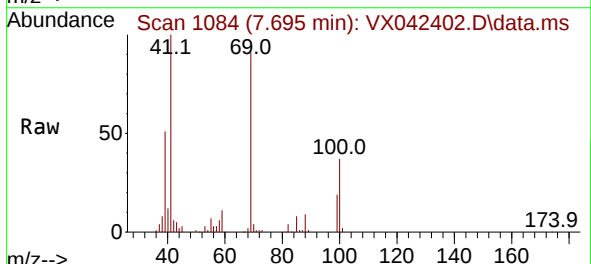
Manual Integrations
APPROVED

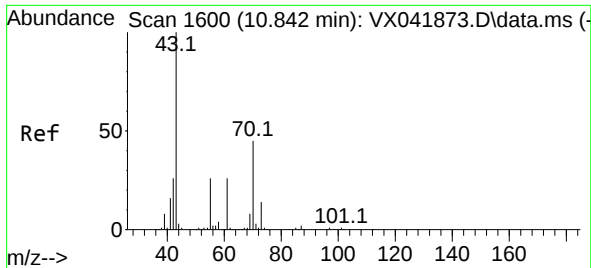
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#46
Methyl methacrylate
Concen: 21.935 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

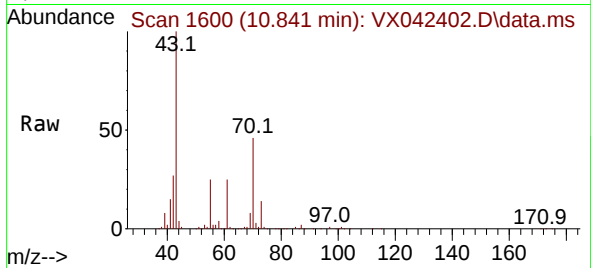
Tgt Ion: 41 Resp: 48028
Ion Ratio Lower Upper
41 100
69 90.9 44.4 133.1
39 50.6 25.5 76.5





#47
n-amy1 Acetate
Concen: 22.147 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

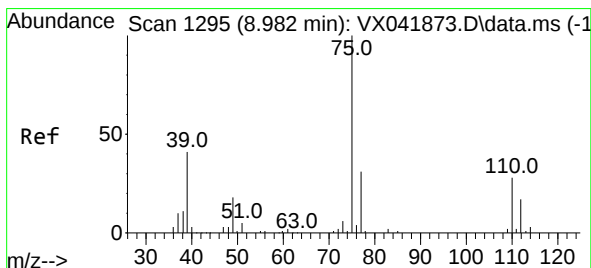
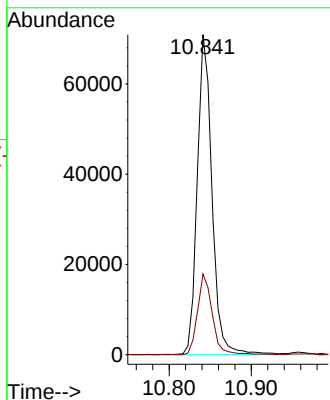
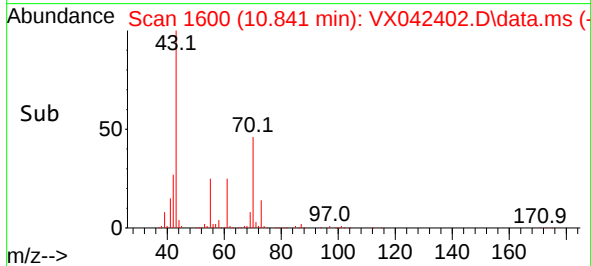
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 88410
Ion Ratio Lower Upper
43 100
55 24.7 21.0 31.4

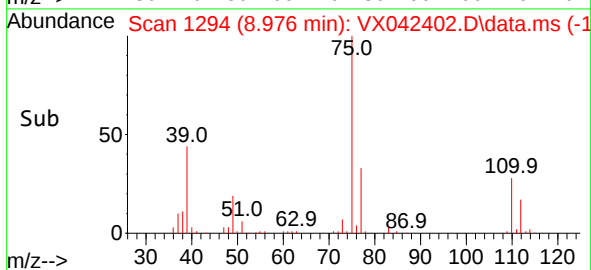
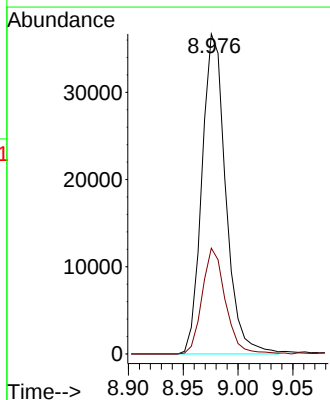
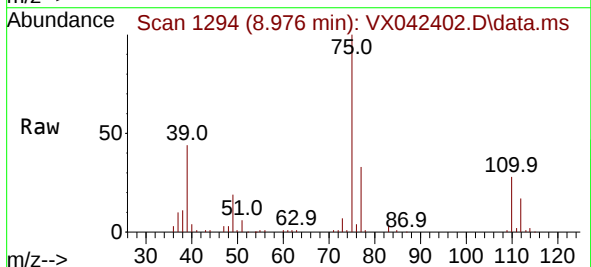
Manual Integrations
APPROVED

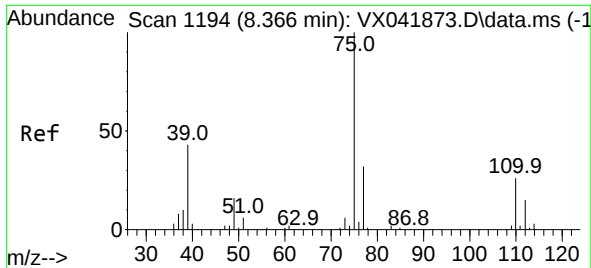
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#48
t-1,3-Dichloropropene
Concen: 21.108 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

Tgt Ion: 75 Resp: 55507
Ion Ratio Lower Upper
75 100
77 33.0 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 21.474 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX042402.D

Acq: 19 Jul 2024 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 63468

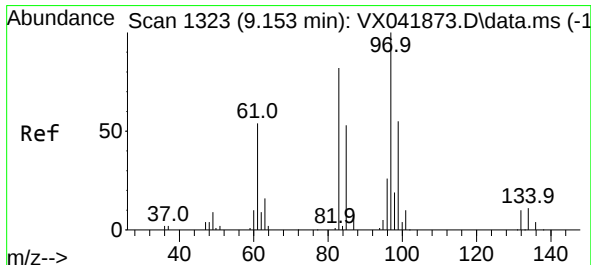
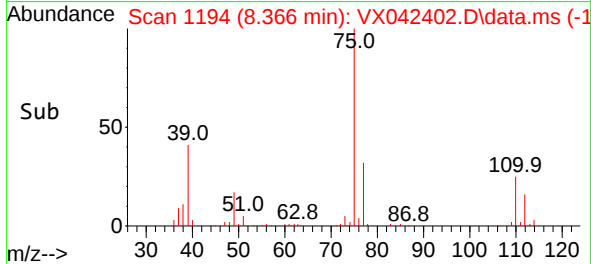
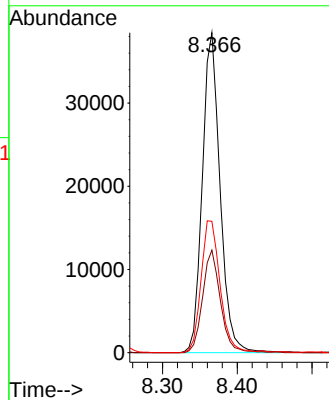
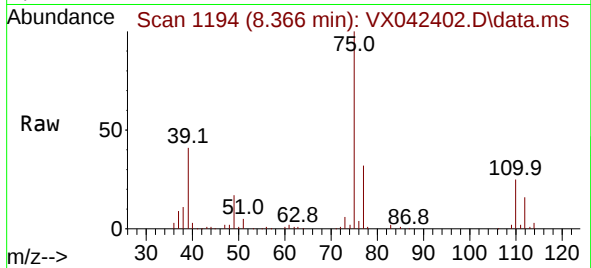
Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.8	38.8
39	41.0	34.8	52.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#50

1,1,2-Trichloroethane

Concen: 21.432 ug/l

RT: 9.152 min Scan# 1323

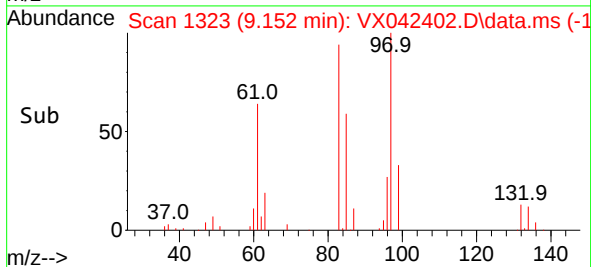
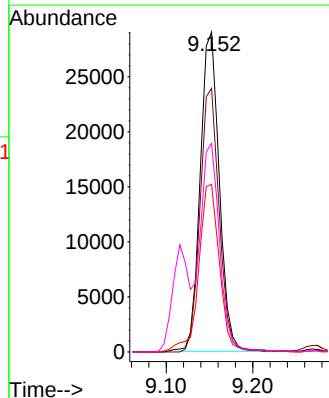
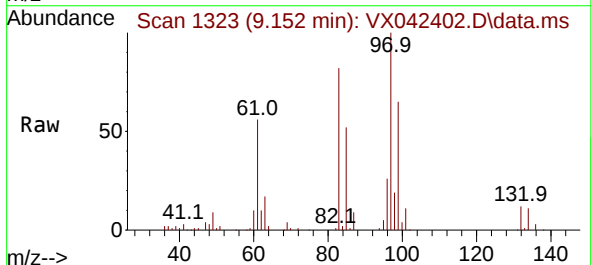
Delta R.T. -0.000 min

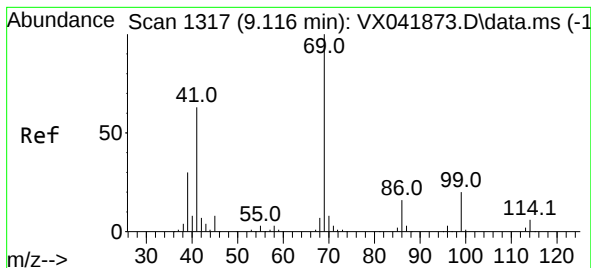
Lab File: VX042402.D

Acq: 19 Jul 2024 14:42

Tgt Ion: 97 Resp: 44203

Ion	Ratio	Lower	Upper
97	100		
83	82.6	65.9	98.9
85	52.3	42.9	64.3
99	65.1	48.8	73.2





#51

Ethyl methacrylate

Concen: 21.494 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX042402.D

Acq: 19 Jul 2024 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDC0020EC

Tgt Ion: 69 Resp: 69324

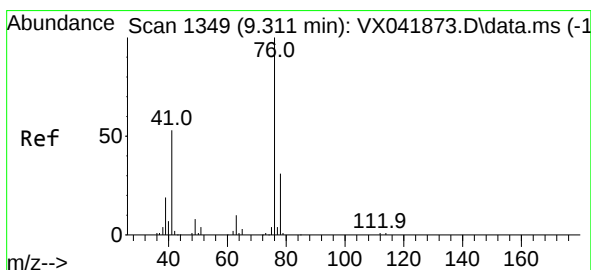
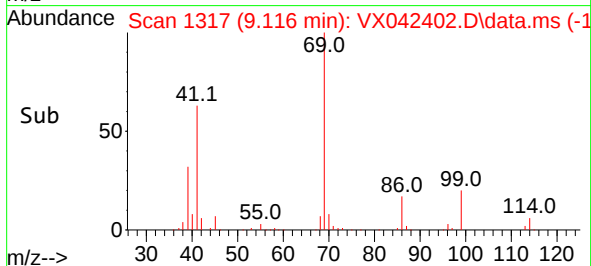
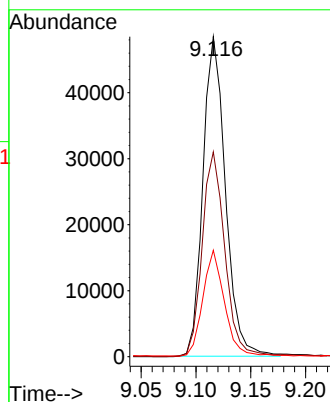
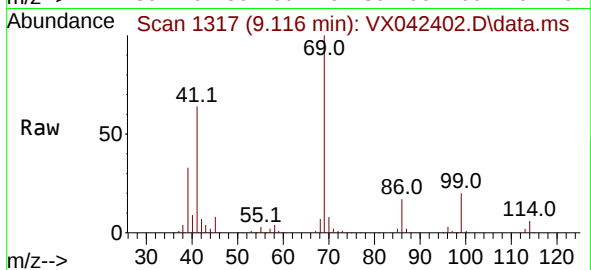
Ion	Ratio	Lower	Upper
69	100		
41	63.8	31.6	94.7
39	33.1	15.3	45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#52

1,3-Dichloropropane

Concen: 21.960 ug/l

RT: 9.305 min Scan# 1348

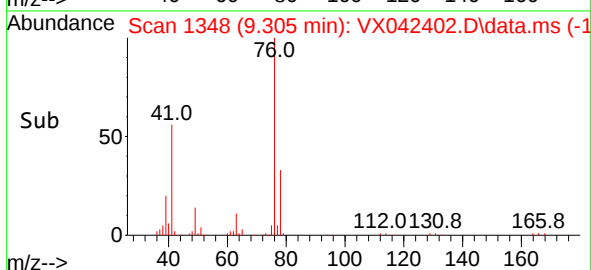
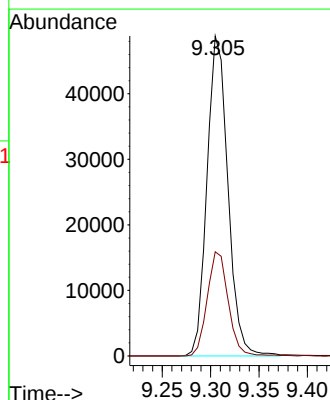
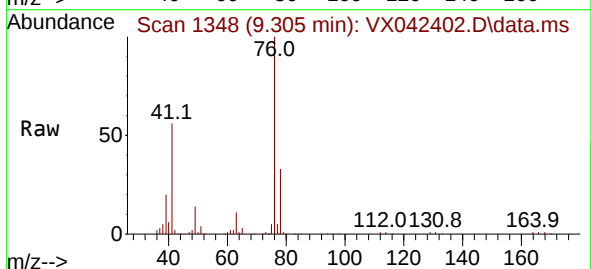
Delta R.T. -0.006 min

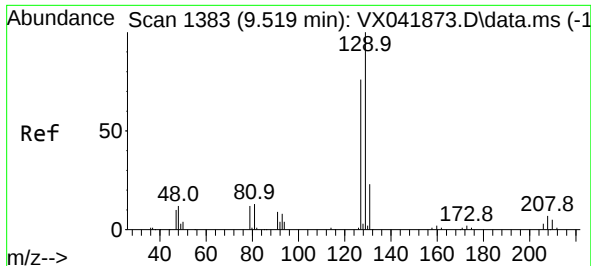
Lab File: VX042402.D

Acq: 19 Jul 2024 14:42

Tgt Ion: 76 Resp: 73568

Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	66.0





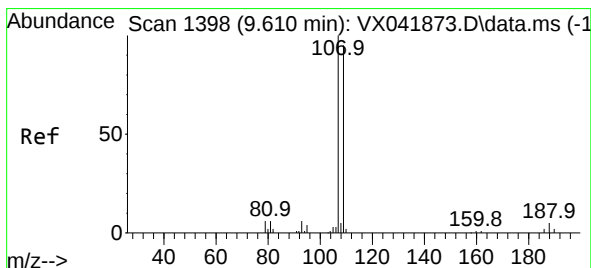
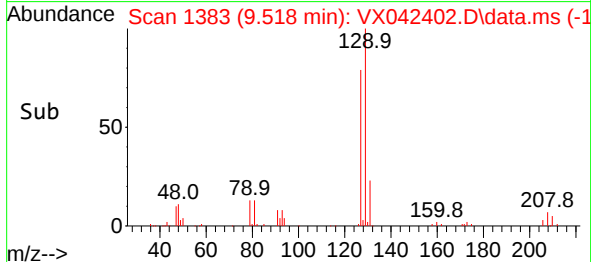
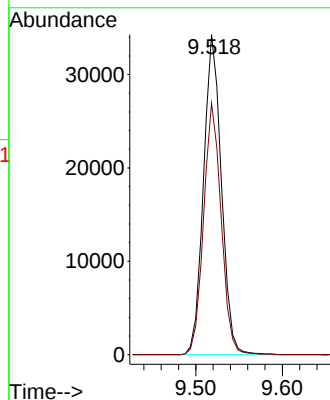
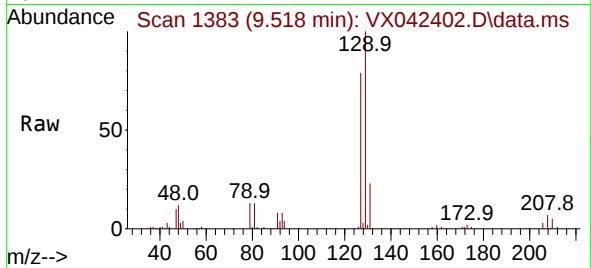
#53
Dibromochloromethane
Concen: 21.644 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 4905
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4

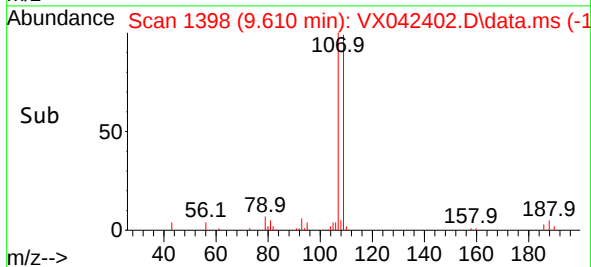
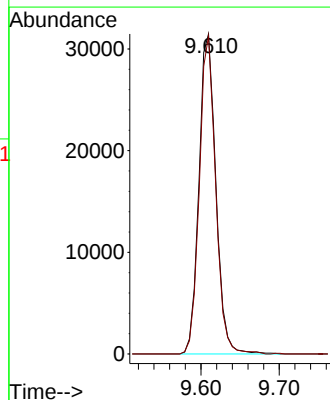
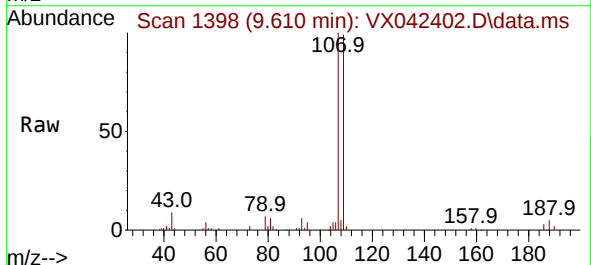
Manual Integrations
APPROVED

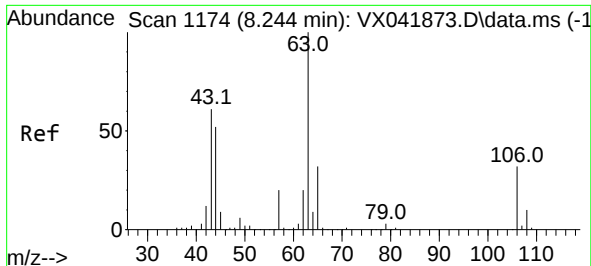
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#54
1,2-Dibromoethane
Concen: 22.047 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

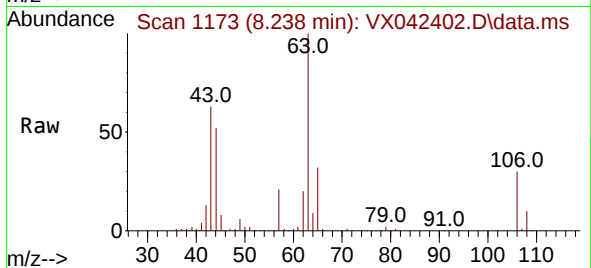
Tgt Ion:107 Resp: 47290
Ion Ratio Lower Upper
107 100
109 95.8 75.7 113.5





#55
2-Chloroethyl vinyl ether
Concen: 102.420 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

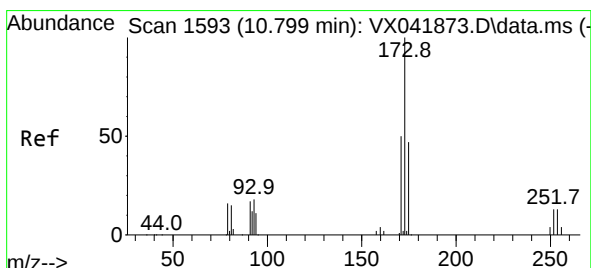
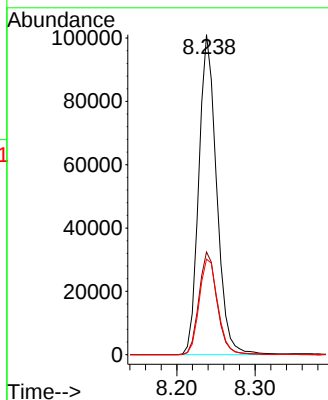
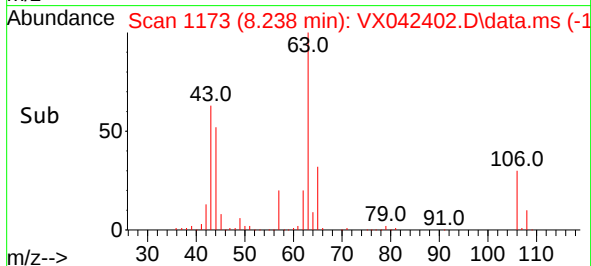
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 16011
Ion Ratio Lower Upper
63 100
65 32.2 25.7 38.5
106 31.2 25.3 37.9

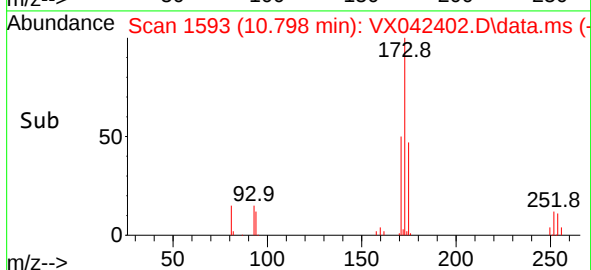
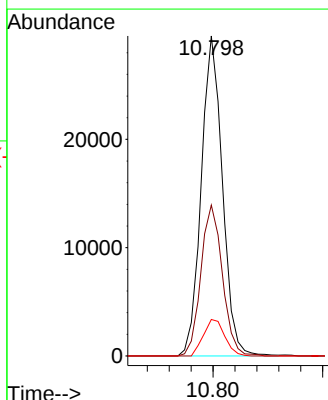
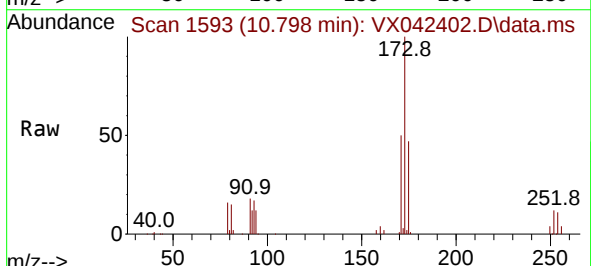
Manual Integrations
APPROVED

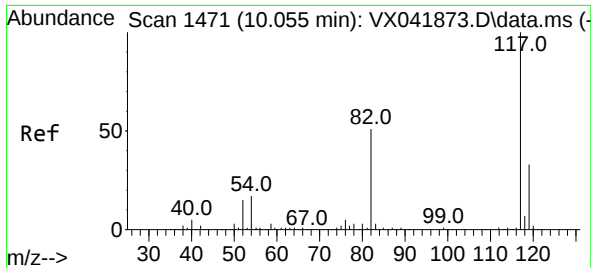
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#56
Bromoform
Concen: 21.684 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

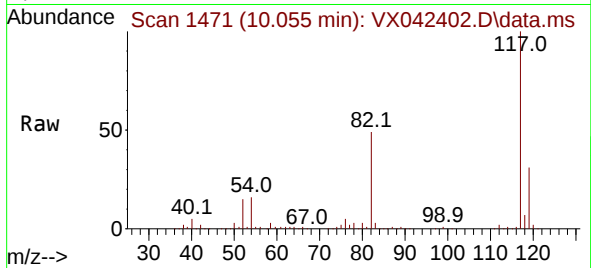
Tgt Ion:173 Resp: 39605
Ion Ratio Lower Upper
173 100
175 47.8 39.3 58.9
254 11.5 9.6 14.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

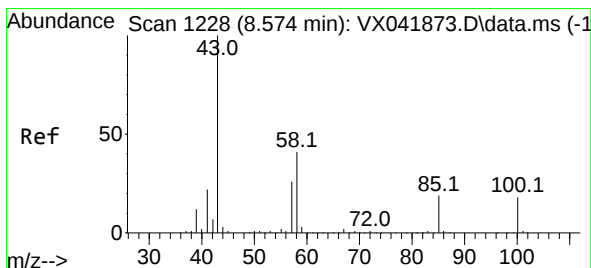
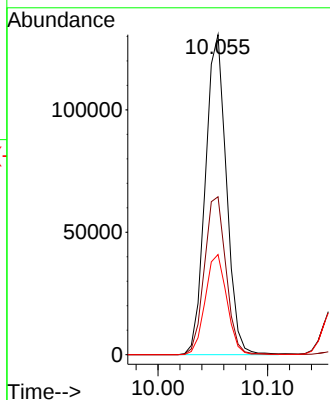
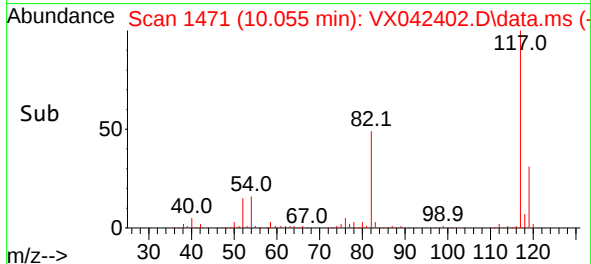
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 17407
Ion Ratio Lower Upper
117 100
82 50.9 41.1 61.7
119 32.2 26.1 39.1

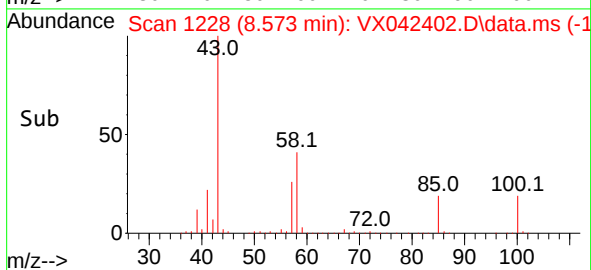
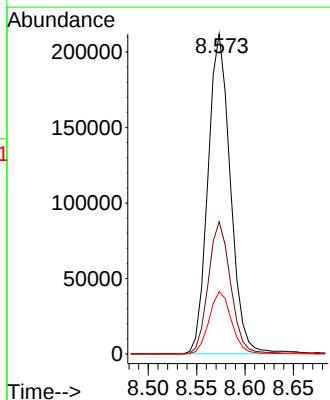
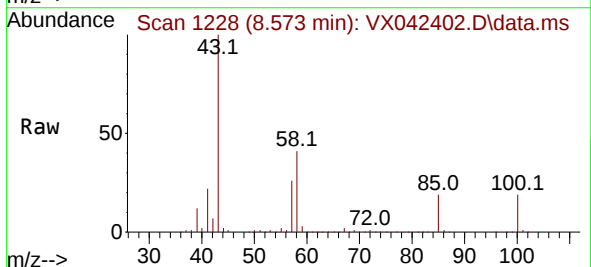
Manual Integrations
APPROVED

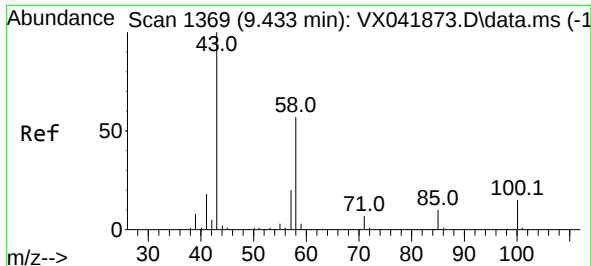
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#58
4-Methyl-2-Pentanone
Concen: 111.387 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

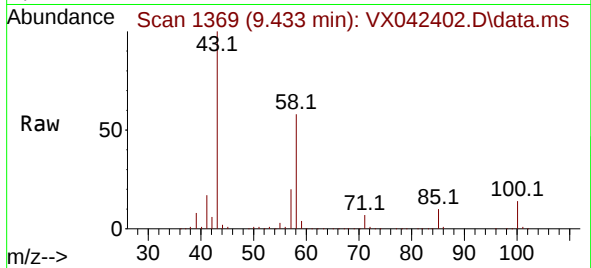
Tgt Ion: 43 Resp: 341713
Ion Ratio Lower Upper
43 100
58 41.1 33.2 49.8
85 19.6 15.5 23.3





#59
2-Hexanone
Concen: 111.818 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

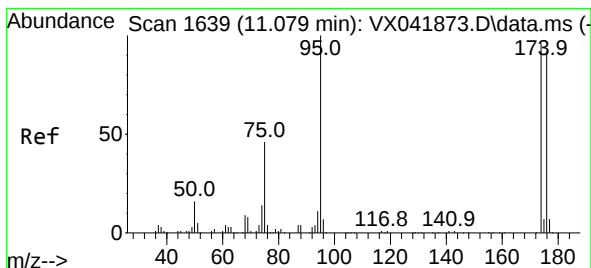
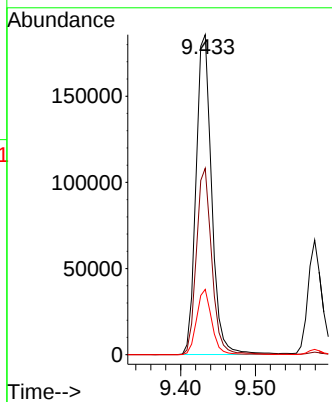
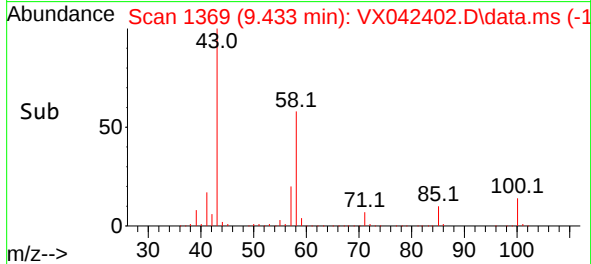
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 26868
Ion Ratio Lower Upper
43 100
58 57.5 46.0 69.0
57 19.8 15.8 23.6

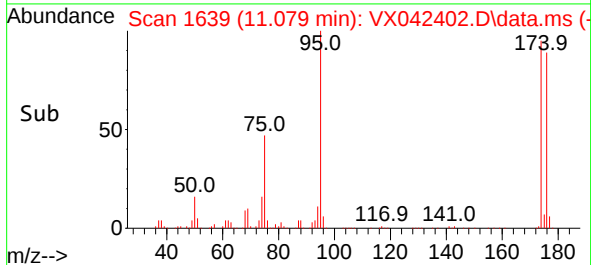
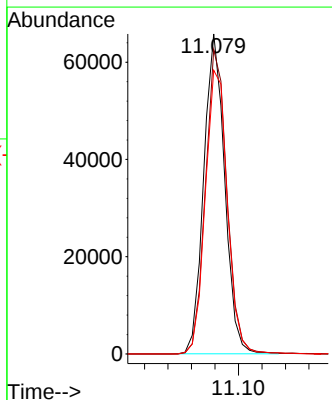
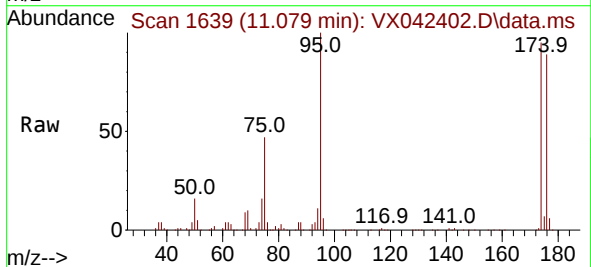
Manual Integrations
APPROVED

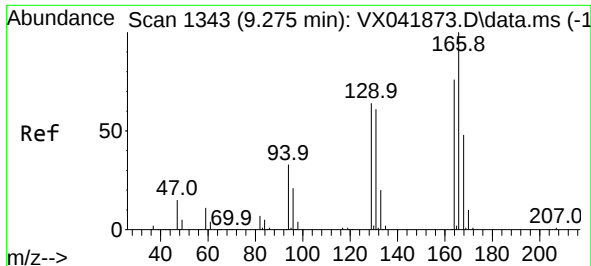
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#60
4-Bromofluorobenzene
Concen: 30.013 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

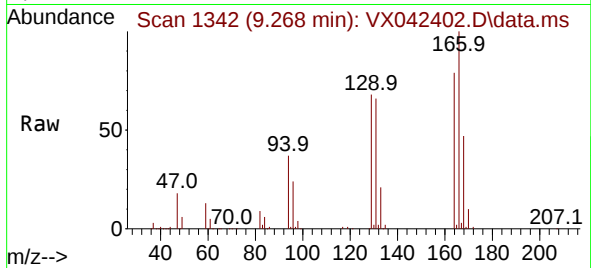
Tgt Ion: 95 Resp: 81287
Ion Ratio Lower Upper
95 100
174 98.1 78.9 118.3
176 94.1 77.1 115.7





#61
Tetrachloroethene
Concen: 20.983 ug/l
RT: 9.268 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

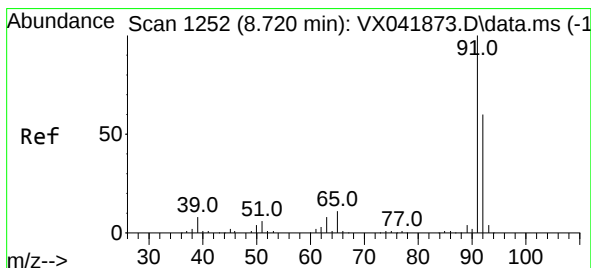
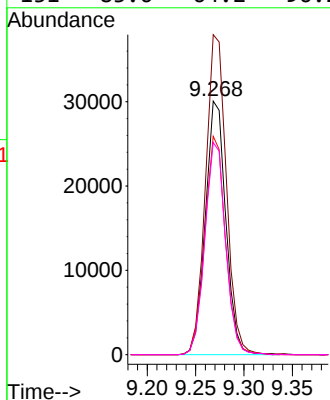
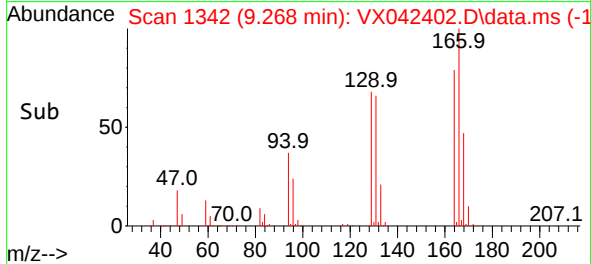
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 44309
Ion Ratio Lower Upper
164 100
166 126.2 105.0 157.6
129 86.1 67.1 100.7
131 83.6 64.2 96.2

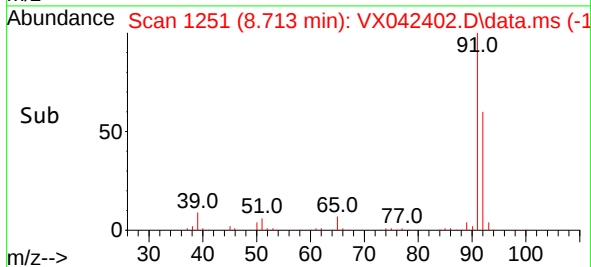
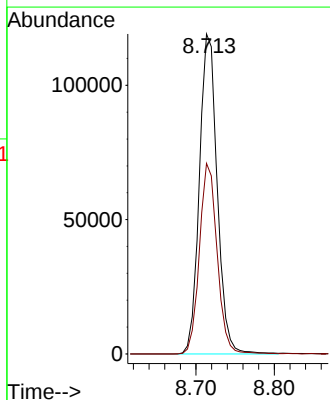
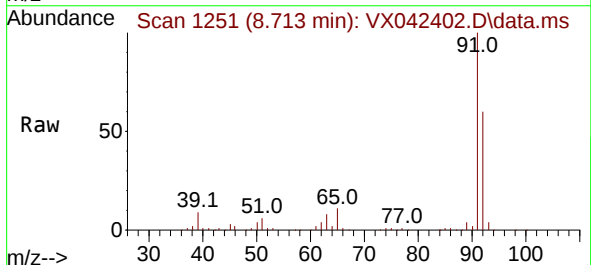
Manual Integrations
APPROVED

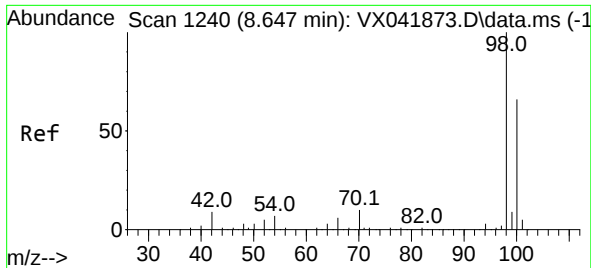
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#62
Toluene
Concen: 21.638 ug/l
RT: 8.713 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

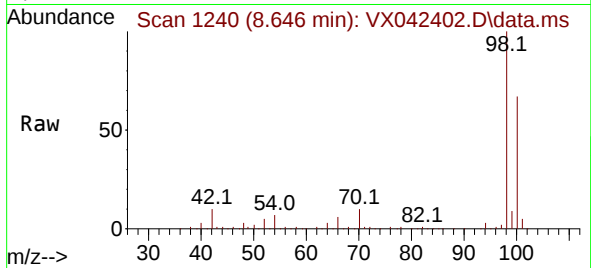
Tgt Ion: 91 Resp: 188306
Ion Ratio Lower Upper
91 100
92 59.0 47.4 71.2





#63
Toluene-d8
Concen: 29.396 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

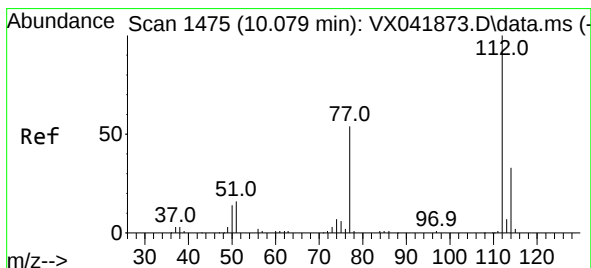
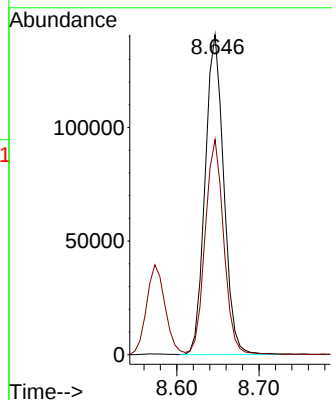
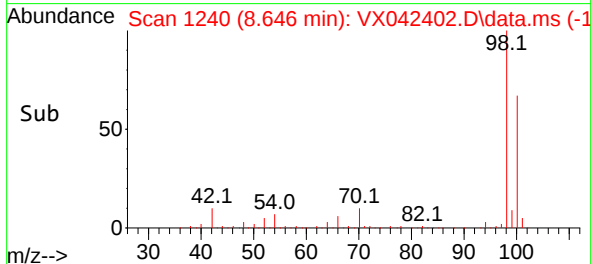
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 22228
Ion Ratio Lower Upper
98 100
100 67.3 52.7 79.1

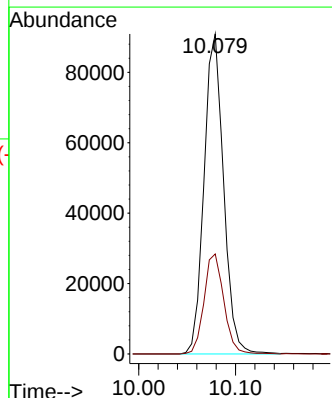
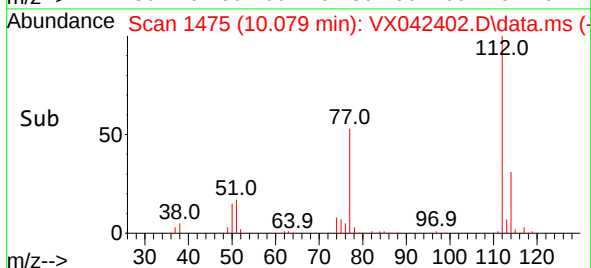
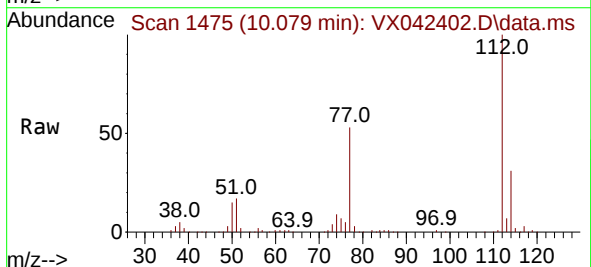
Manual Integrations
APPROVED

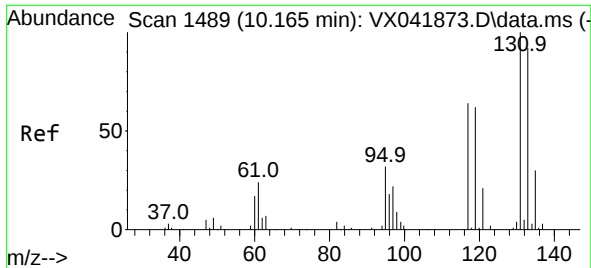
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#64
Chlorobenzene
Concen: 21.749 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

Tgt Ion:112 Resp: 127729
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.4





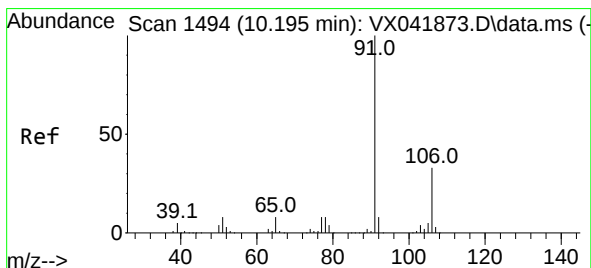
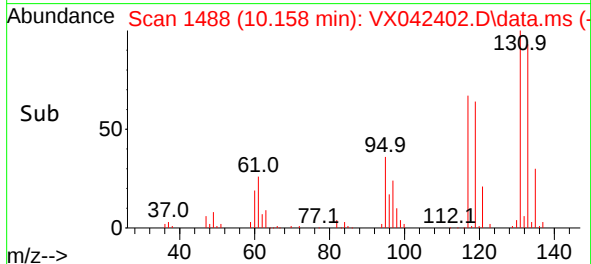
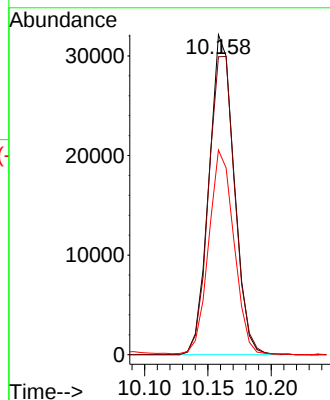
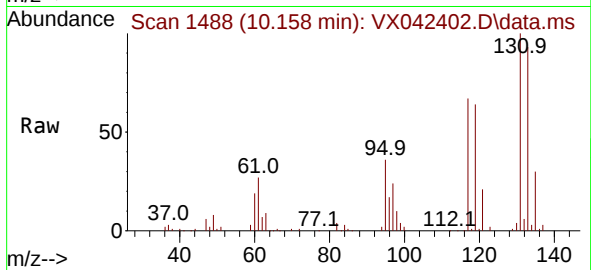
#65
1,1,1,2-Tetrachloroethane
Concen: 21.013 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 4440
Ion Ratio Lower Upper
131 100
133 97.5 0.0 194.8
119 64.4 0.0 127.6

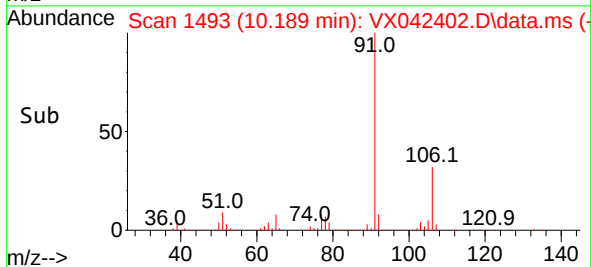
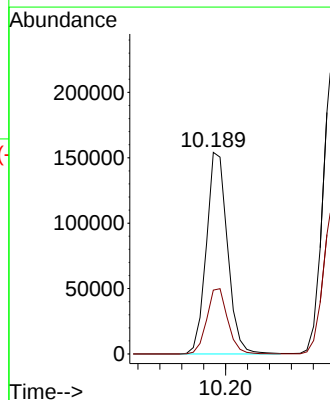
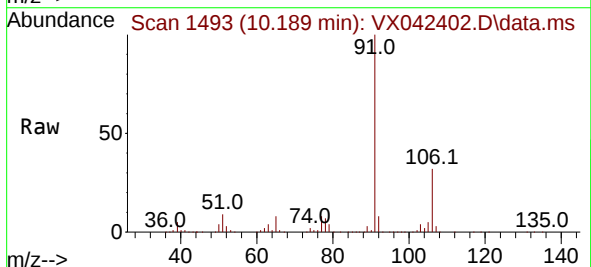
Manual Integrations
APPROVED

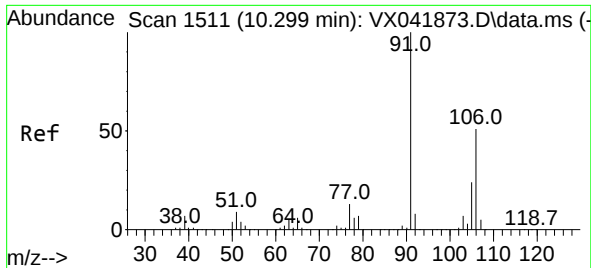
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#66
Ethyl Benzene
Concen: 21.773 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

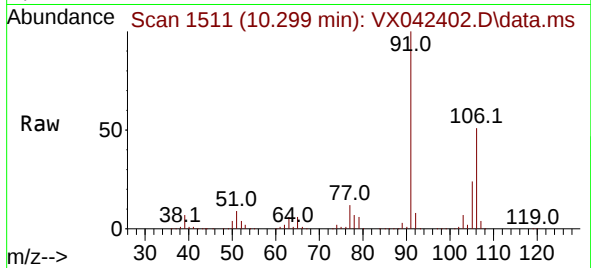
Tgt Ion: 91 Resp: 206497
Ion Ratio Lower Upper
91 100
106 31.7 26.4 39.6





#67
m/p-Xylenes
Concen: 43.902 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

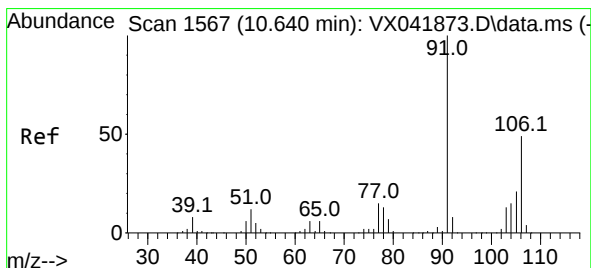
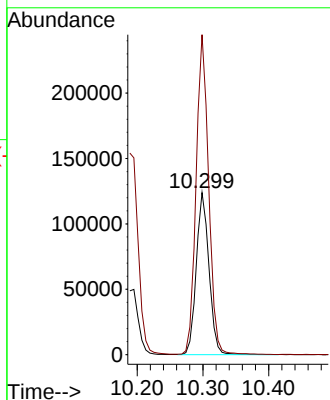
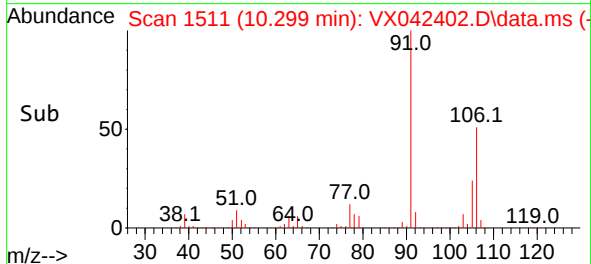
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



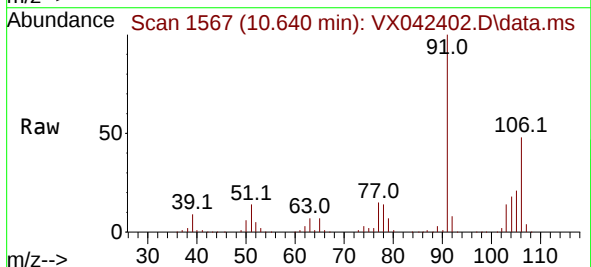
Tgt Ion:106 Resp: 166460
Ion Ratio Lower Upper
106 100
91 194.9 157.0 235.6

Manual Integrations
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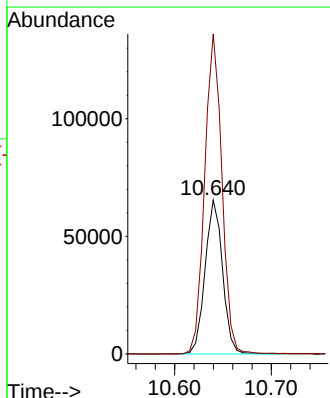
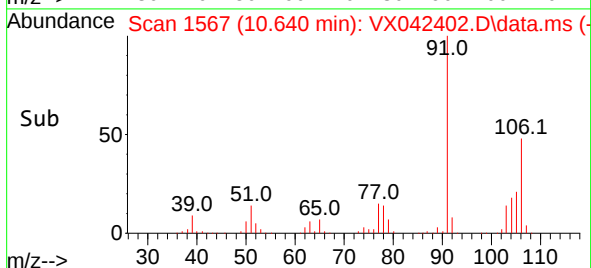
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

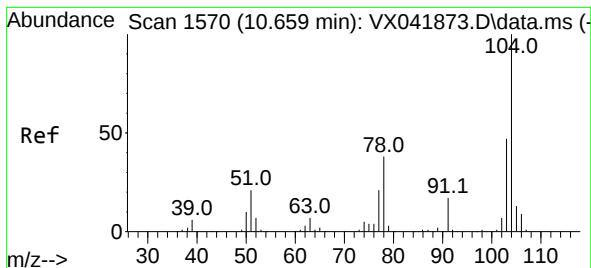


#68
o-Xylene
Concen: 21.791 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42



Tgt Ion:106 Resp: 82231
Ion Ratio Lower Upper
106 100
91 206.0 103.2 309.6





#69

Styrene

Concen: 21.836 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX042402.D

Acq: 19 Jul 2024 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

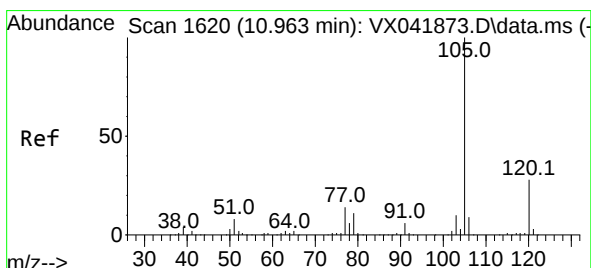
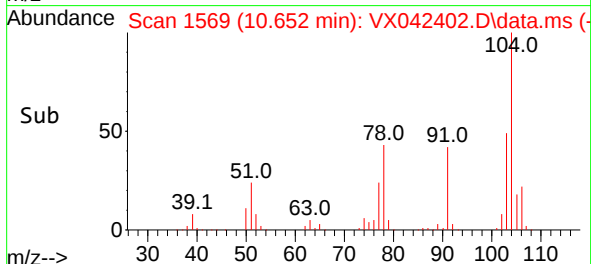
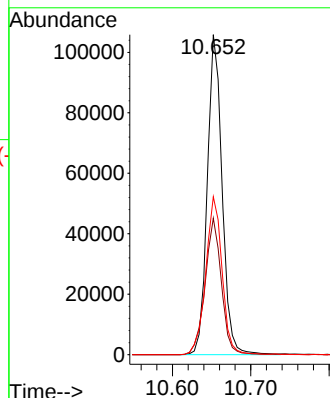
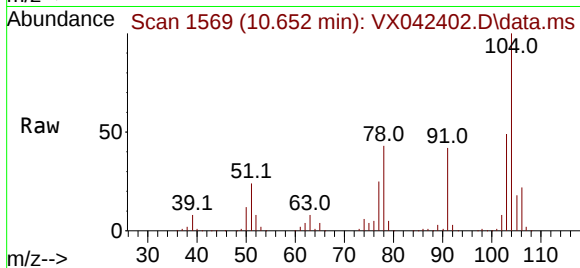
Tgt Ion:104 Resp: 138584
 Ion Ratio Lower Upper
 104 100
 78 46.9 36.5 54.7
 103 54.5 43.4 65.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#70

Isopropylbenzene

Concen: 22.355 ug/l

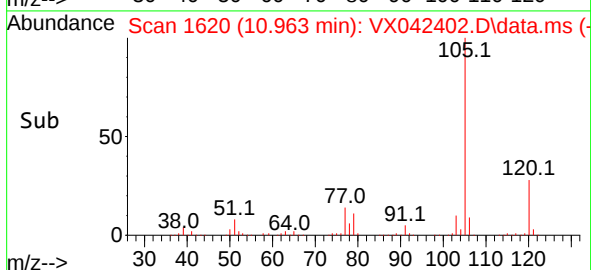
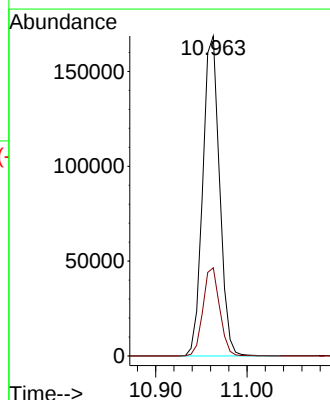
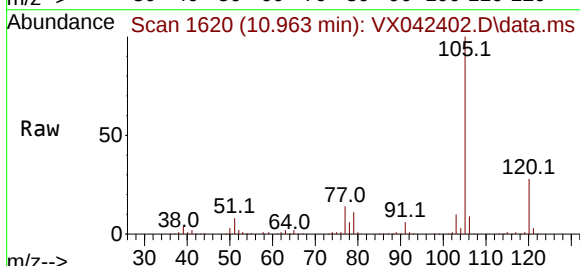
RT: 10.963 min Scan# 1620

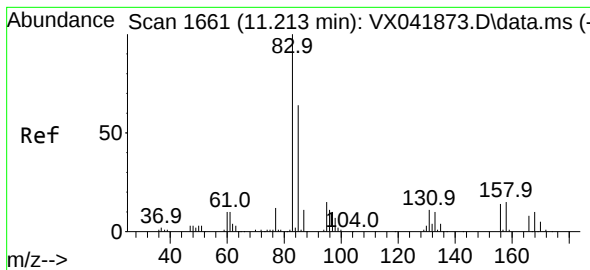
Delta R.T. -0.000 min

Lab File: VX042402.D

Acq: 19 Jul 2024 14:42

Tgt Ion:105 Resp: 215084
 Ion Ratio Lower Upper
 105 100
 120 27.4 19.2 35.6





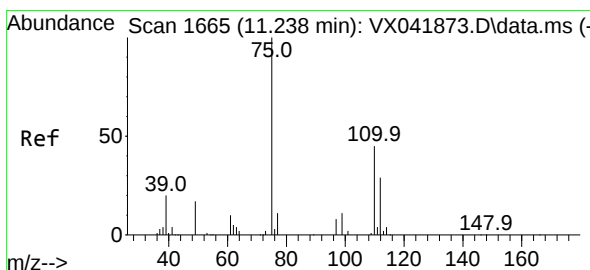
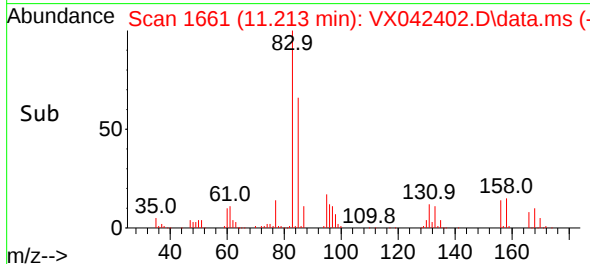
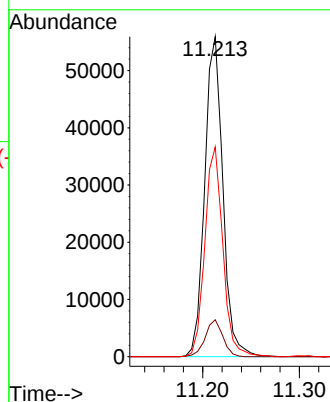
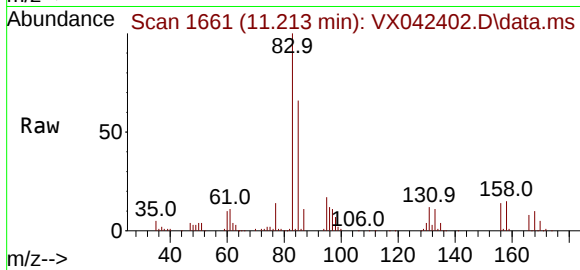
#71
1,1,2,2-Tetrachloroethane
Concen: 22.072 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 7307
Ion Ratio Lower Upper
83 100
131 11.2 5.5 16.7
85 65.2 32.6 97.7

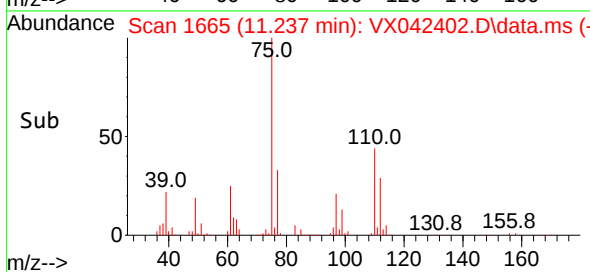
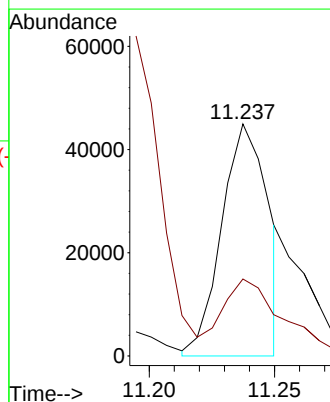
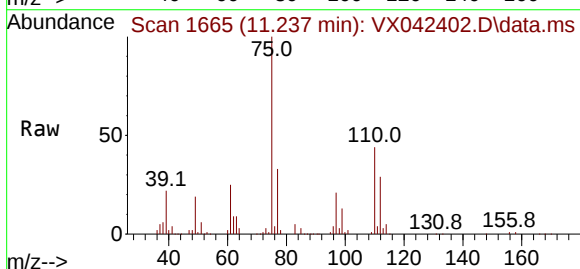
Manual Integrations
APPROVED

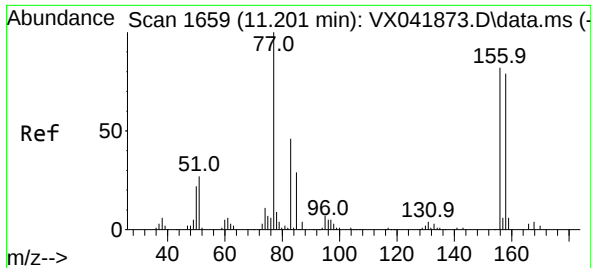
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#72
1,2,3-Trichloropropane
Concen: 22.146 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

Tgt Ion: 75 Resp: 58217
Ion Ratio Lower Upper
75 100
77 43.7 0.0 79.6





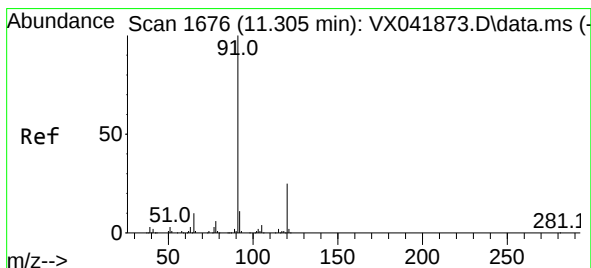
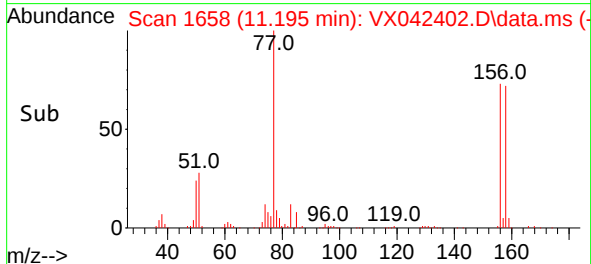
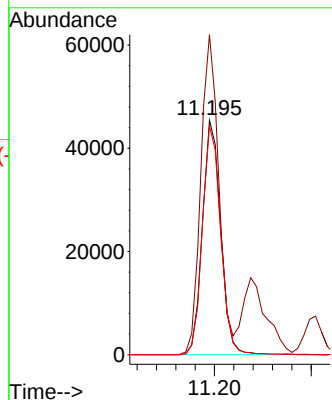
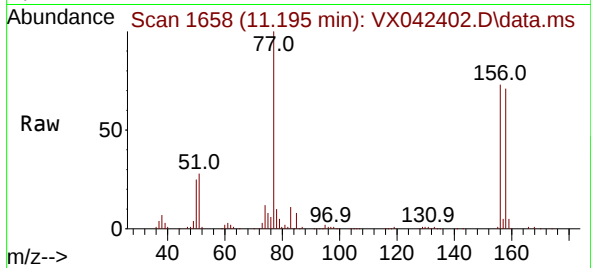
#73
Bromobenzene
Concen: 21.709 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:156 Resp: 59690
Ion Ratio Lower Upper
156 100
77 134.3 0.0 266.2
158 97.5 0.0 195.2

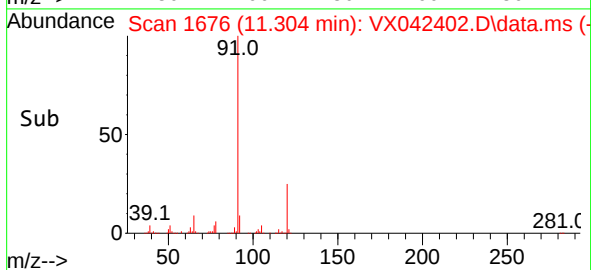
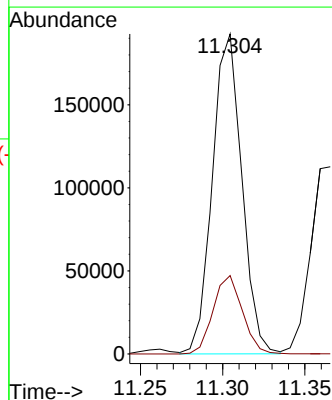
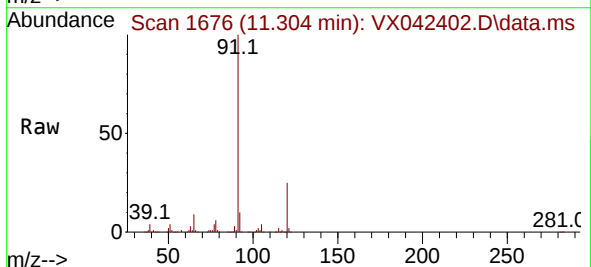
Manual Integrations
APPROVED

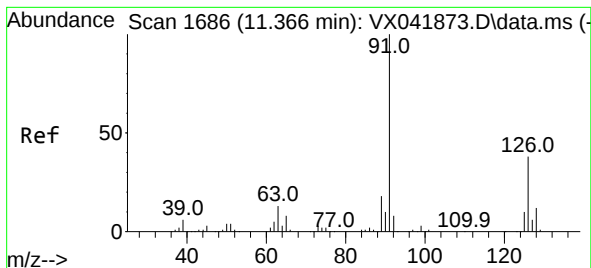
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#74
n-propylbenzene
Concen: 22.564 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

Tgt Ion: 91 Resp: 239826
Ion Ratio Lower Upper
91 100
120 24.4 0.0 49.6





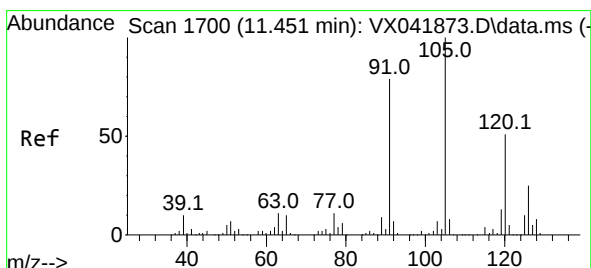
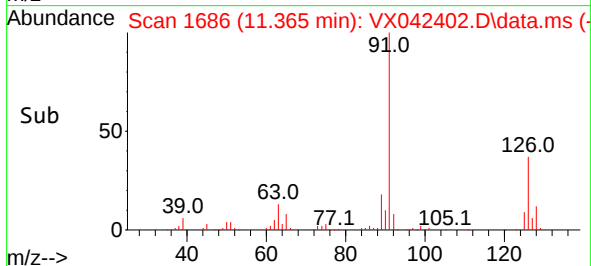
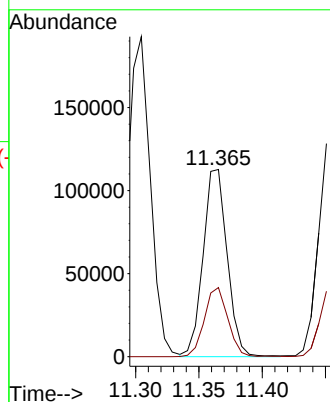
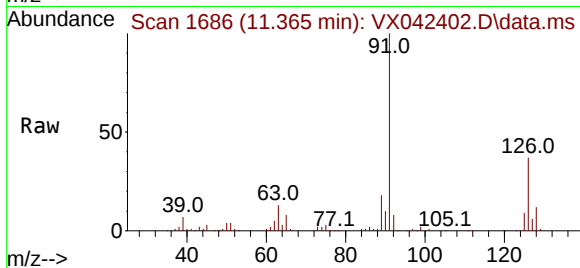
#75
2-Chlorotoluene
Concen: 22.367 ug/l
RT: 11.365 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 149509
Ion Ratio Lower Upper
91 100
126 35.8 0.0 72.6

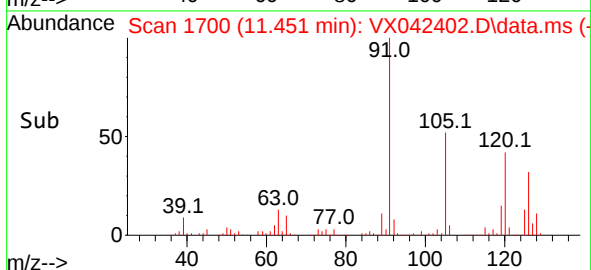
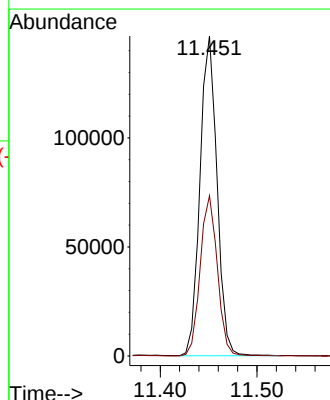
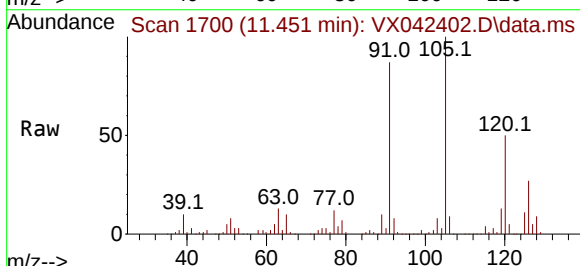
Manual Integrations
APPROVED

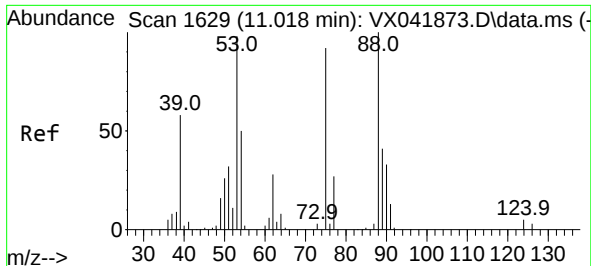
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#76
1,3,5-Trimethylbenzene
Concen: 22.355 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

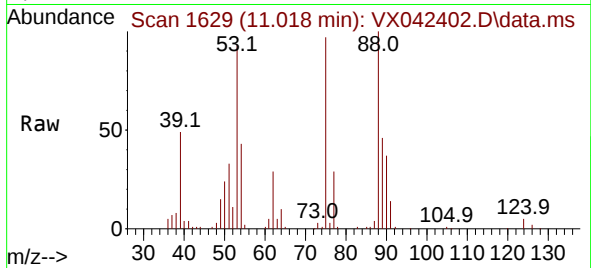
Tgt Ion:105 Resp: 179688
Ion Ratio Lower Upper
105 100
120 50.6 0.0 103.0





#77
t-1,4-Dichloro-2-butene
Concen: 20.671 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

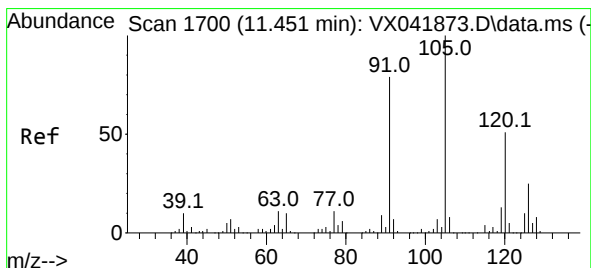
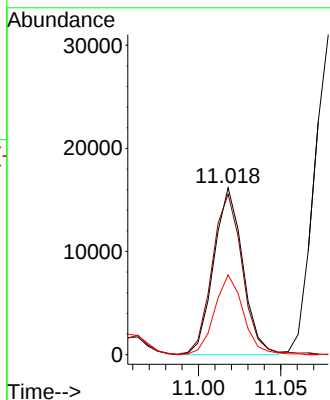
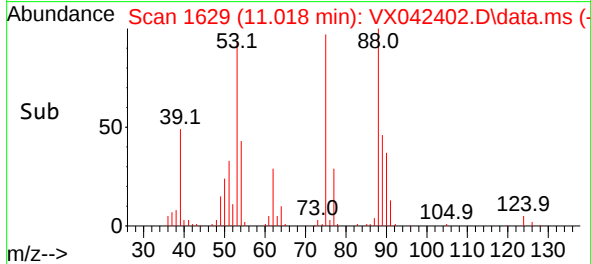
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



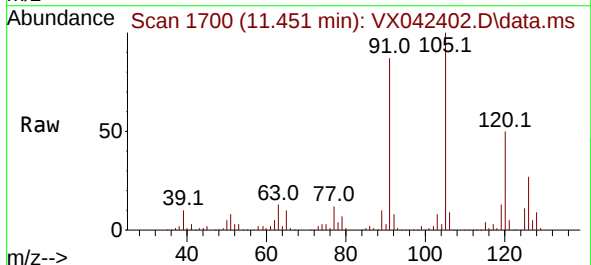
Tgt Ion: 75 Resp: 19930
Ion Ratio Lower Upper
75 100
53 95.7 53.4 160.2
89 47.8 22.5 67.5

Manual Integrations
APPROVED

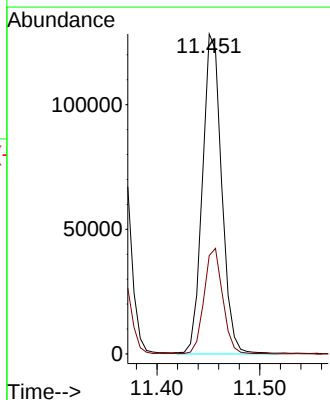
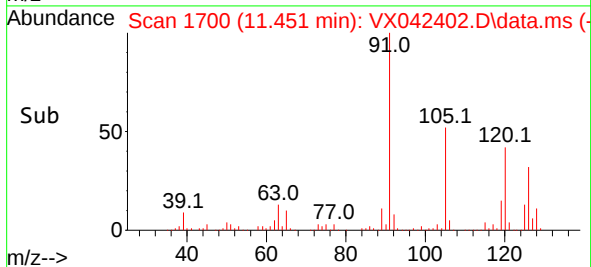
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

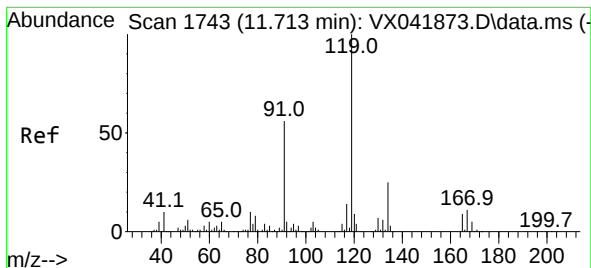


#78
4-Chlorotoluene
Concen: 22.412 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42



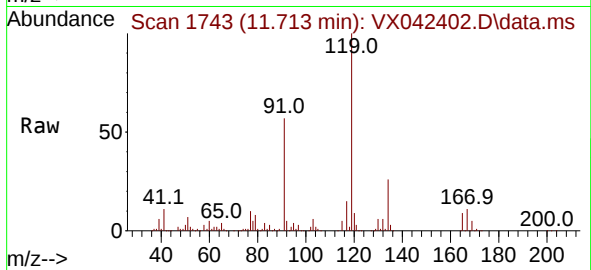
Tgt Ion: 91 Resp: 166881
Ion Ratio Lower Upper
91 100
126 32.1 0.0 64.8





#79
tert-butylbenzene
Concen: 22.141 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

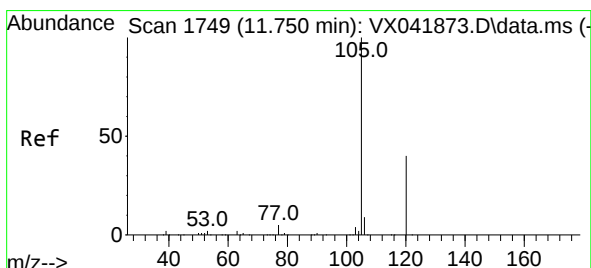
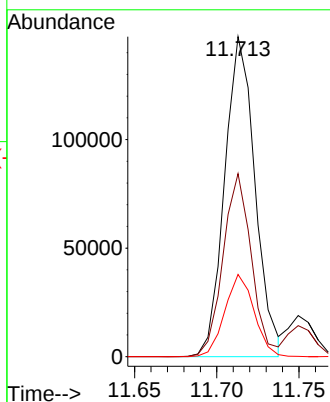
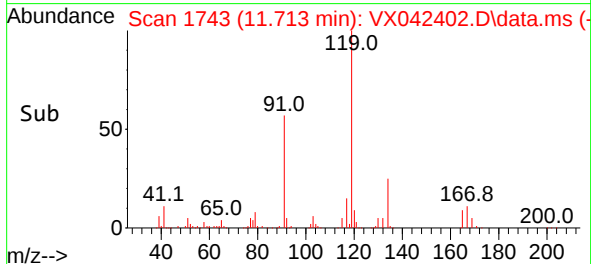
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



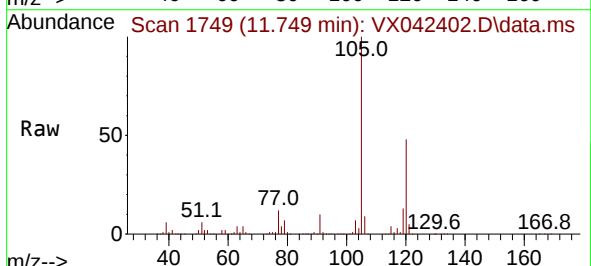
Tgt Ion:119 Resp: 189980
Ion Ratio Lower Upper
119 100
91 53.4 0.0 106.0
134 24.7 0.0 49.4

Manual Integrations
APPROVED

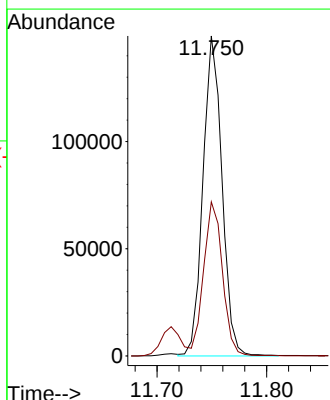
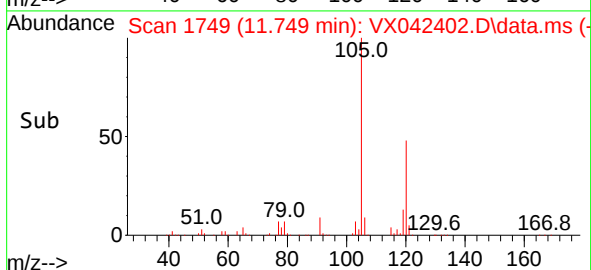
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

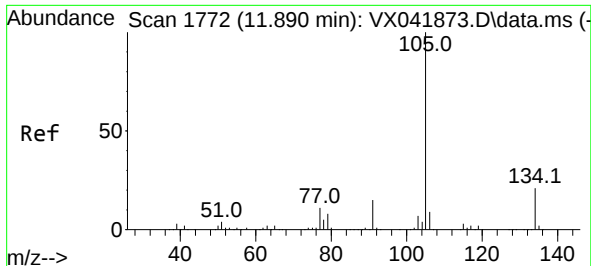


#80
1,2,4-Trimethylbenzene
Concen: 22.233 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42



Tgt Ion:105 Resp: 179821
Ion Ratio Lower Upper
105 100
120 47.2 0.0 96.2





#81
 sec-Butylbenzene
 Concen: 22.642 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX042402.D
 Acq: 19 Jul 2024 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

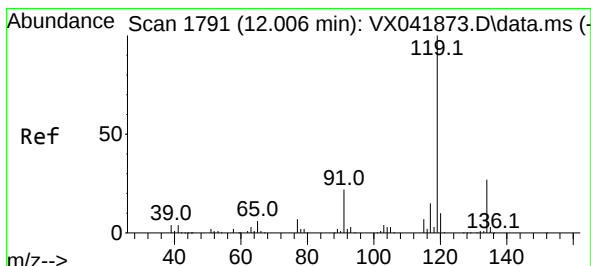
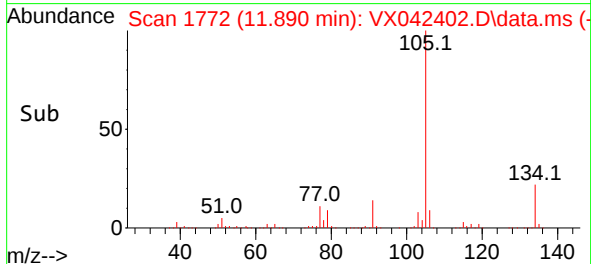
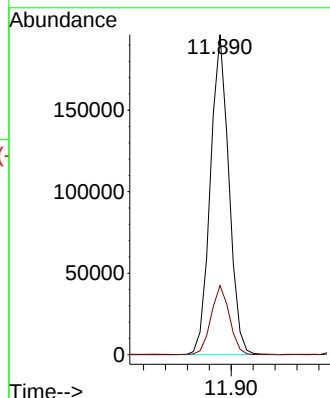
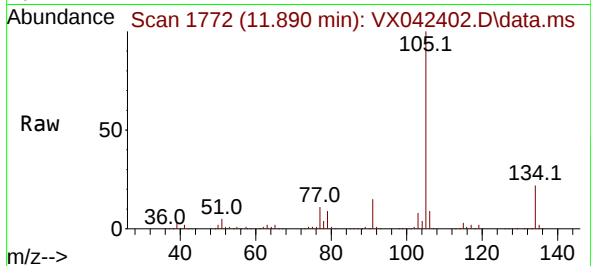
Tgt Ion:105 Resp: 229572
 Ion Ratio Lower Upper
 105 100
 134 21.5 0.0 43.2

Manual Integrations

APPROVED

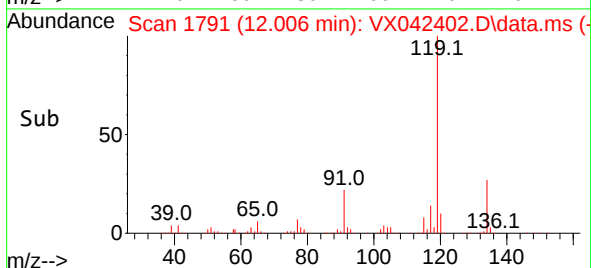
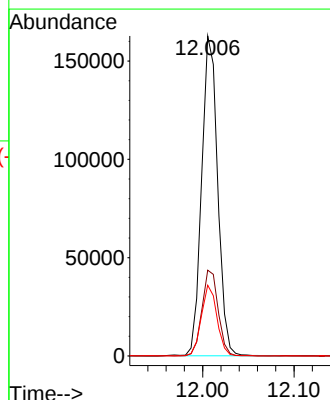
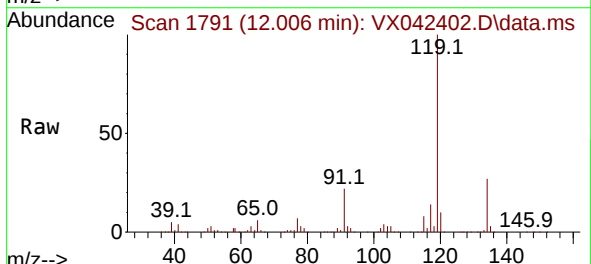
Reviewed By :John Carlone 07/19/2024

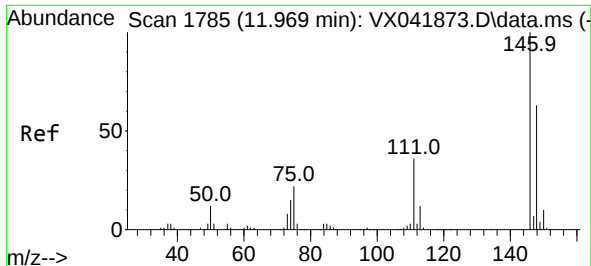
Supervised By :Mahesh Dadoda 07/22/2024



#82
 p-Isopropyltoluene
 Concen: 22.511 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX042402.D
 Acq: 19 Jul 2024 14:42

Tgt Ion:119 Resp: 197782
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 54.0
 91 21.7 0.0 42.2





#83

1,3-Dichlorobenzene

Concen: 22.260 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX042402.D

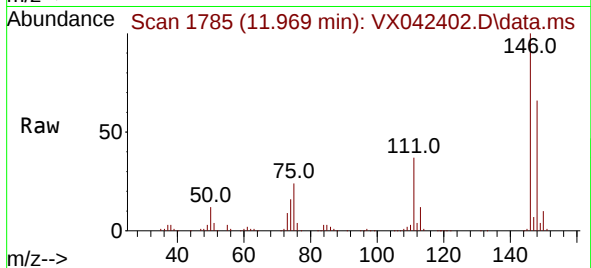
Acq: 19 Jul 2024 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



Tgt Ion:146 Resp: 10993

Ion Ratio Lower Upper

146 100

111 36.5 18.0 54.0

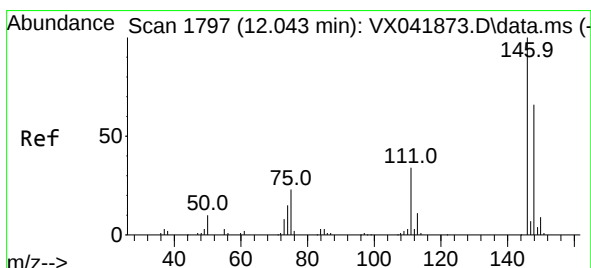
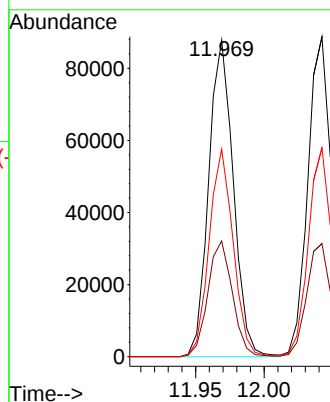
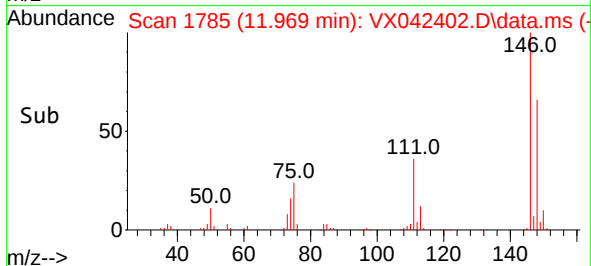
148 63.9 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#84

1,4-Dichlorobenzene

Concen: 22.168 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX042402.D

Acq: 19 Jul 2024 14:42

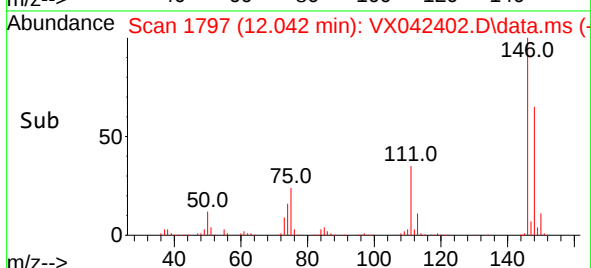
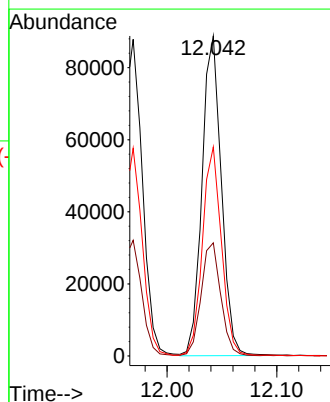
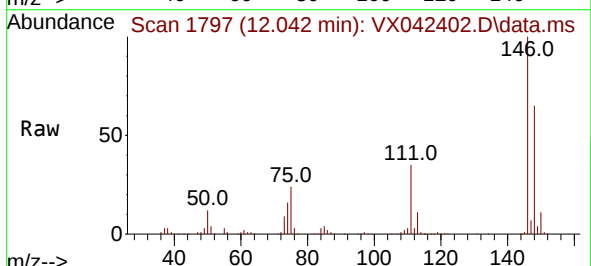
Tgt Ion:146 Resp: 108745

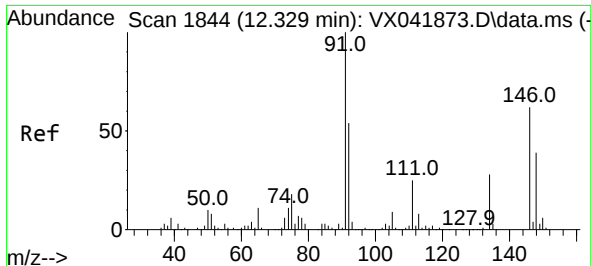
Ion Ratio Lower Upper

146 100

111 36.2 17.4 52.3

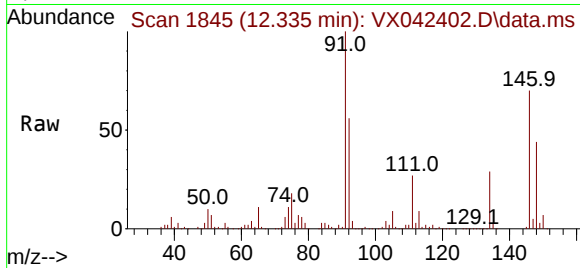
148 63.9 32.3 96.9





#85
n-Butylbenzene
Concen: 22.662 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

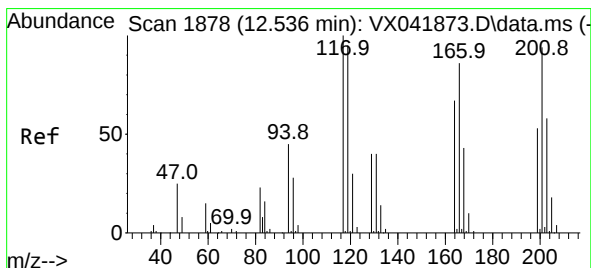
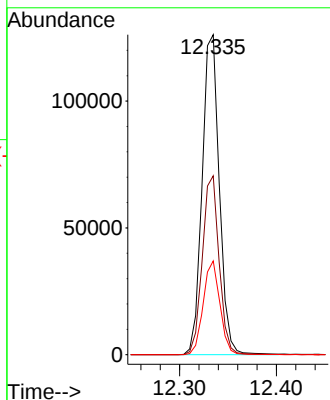
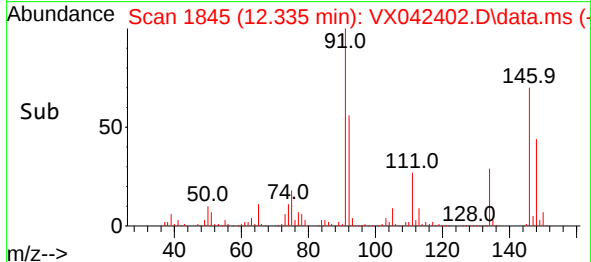
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 15637
Ion Ratio Lower Upper
91 100
92 54.6 0.0 109.8
134 28.4 0.0 58.4

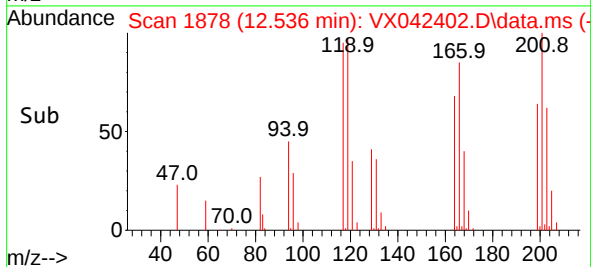
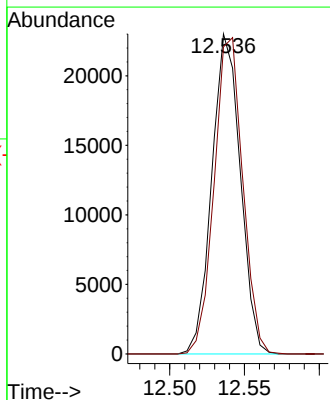
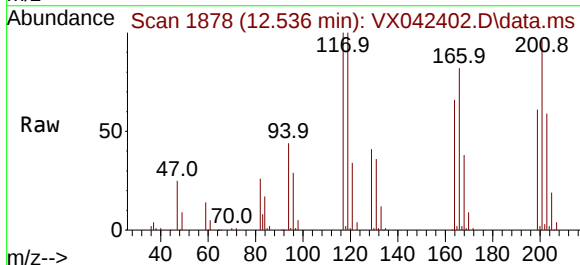
Manual Integrations
APPROVED

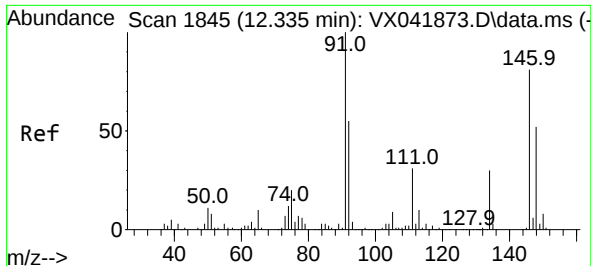
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#86
Hexachloroethane
Concen: 20.424 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

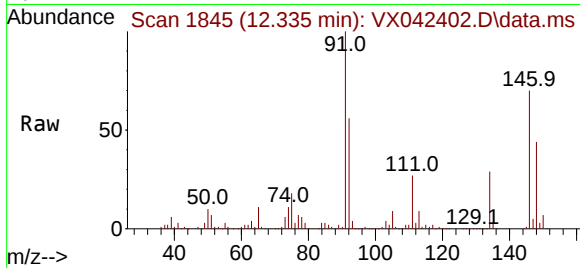
Tgt Ion:117 Resp: 30513
Ion Ratio Lower Upper
117 100
201 99.2 48.9 146.8





#87
1,2-Dichlorobenzene
Concen: 22.196 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

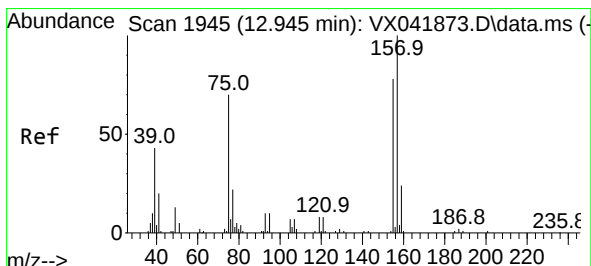
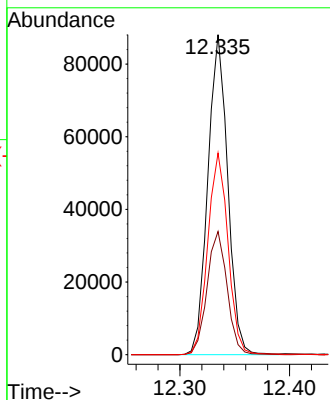
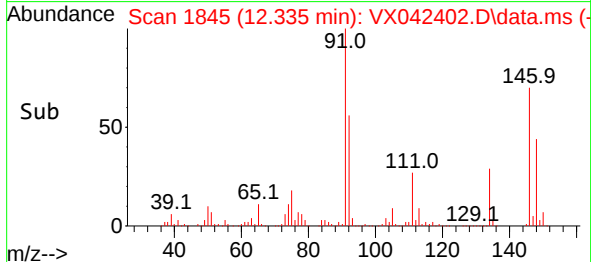
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



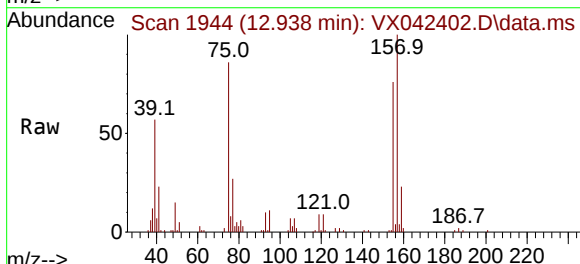
Tgt Ion:146 Resp: 110800
Ion Ratio Lower Upper
146 100
111 38.9 19.1 57.3
148 64.0 32.4 97.0

Manual Integrations
APPROVED

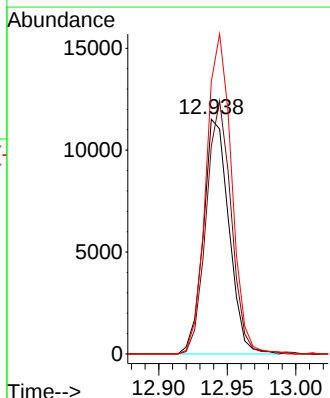
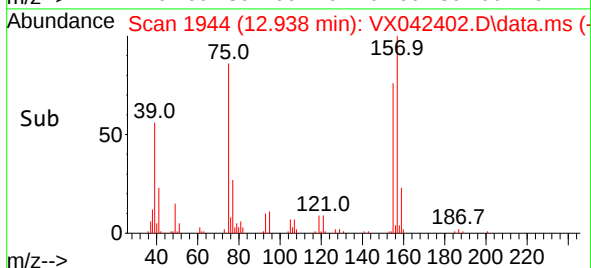
Reviewed By :John Carlone 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

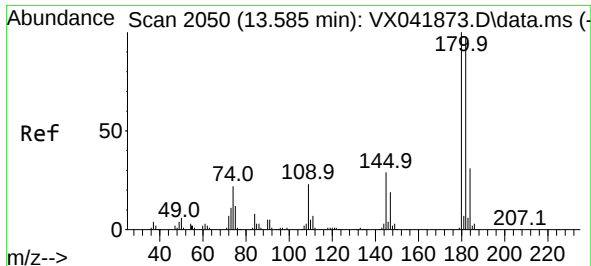


#88
1,2-Dibromo-3-Chloropropane
Concen: 22.125 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42



Tgt Ion: 75 Resp: 15007
Ion Ratio Lower Upper
75 100
155 104.6 88.6 133.0
157 135.5 112.8 169.2





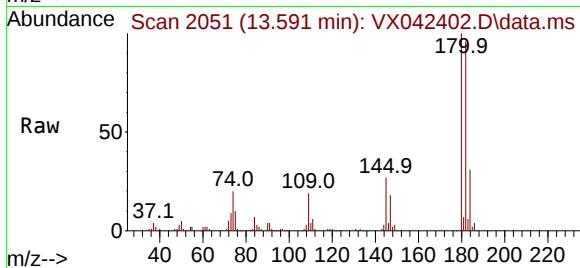
#89
1,2,4-Trichlorobenzene
Concen: 22.234 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



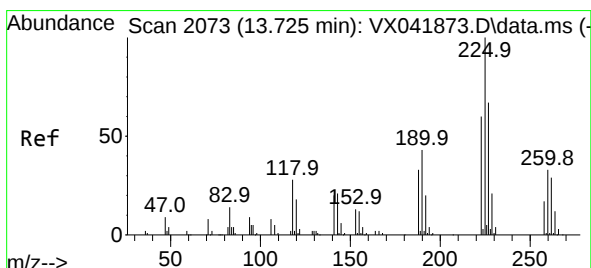
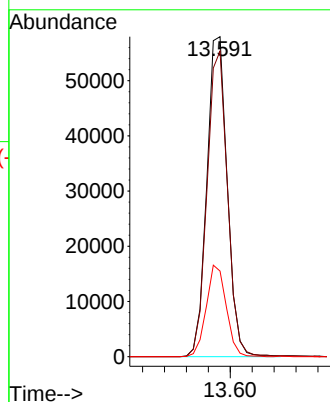
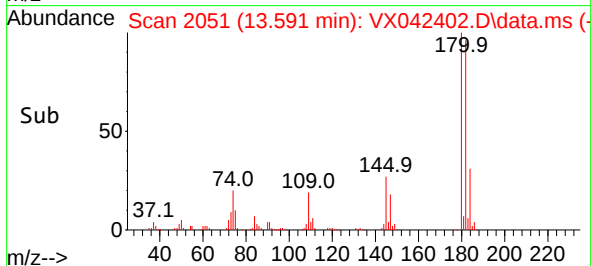
Tgt Ion:180 Resp: 75138
Ion Ratio Lower Upper
180 100
182 95.5 76.9 115.3
145 27.9 22.8 34.2

Manual Integrations

APPROVED

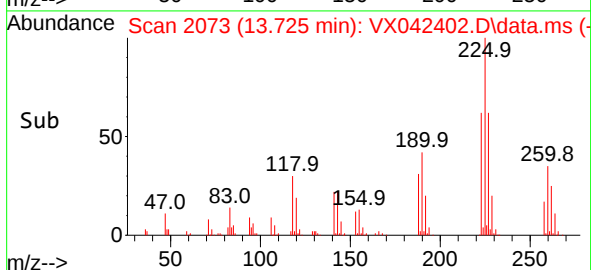
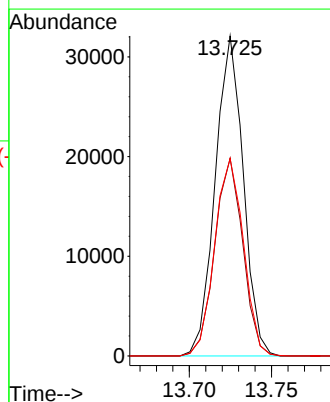
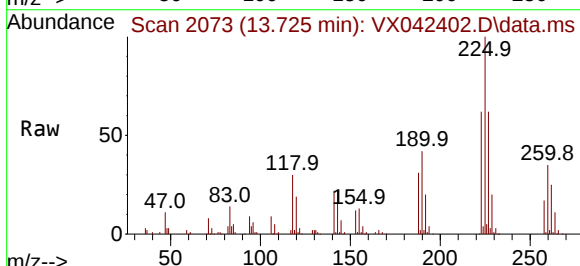
Reviewed By :John Carlone 07/19/2024

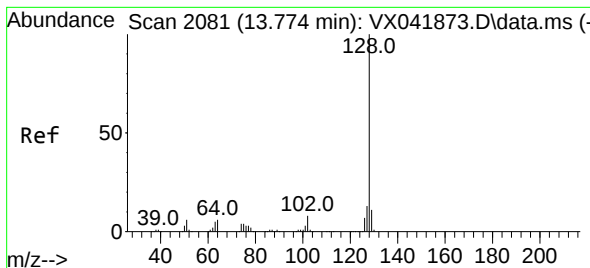
Supervised By :Mahesh Dadoda 07/22/2024



#90
Hexachlorobutadiene
Concen: 22.702 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX042402.D
Acq: 19 Jul 2024 14:42

Tgt Ion:225 Resp: 38074
Ion Ratio Lower Upper
225 100
223 61.7 0.0 120.8
227 63.5 0.0 126.6





#91

Naphthalene

Concen: 22.193 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX042402.D

Acq: 19 Jul 2024 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

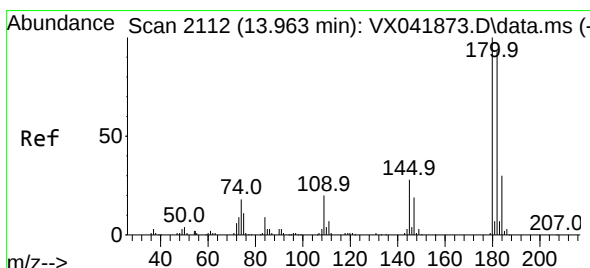
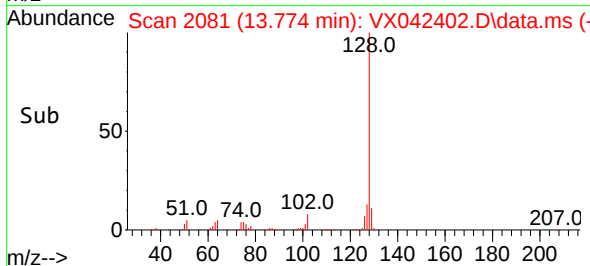
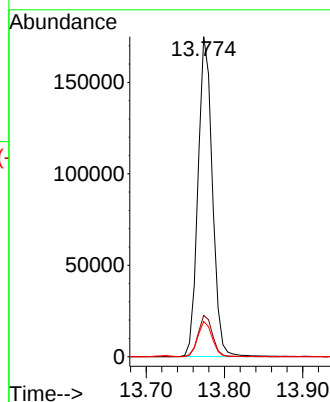
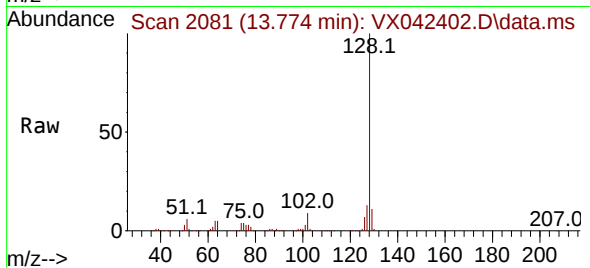
Tgt Ion:128 Resp: 223658
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.4 15.6
 129 11.0 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2024

Supervised By :Mahesh Dadoda 07/22/2024



#92

1,2,3-Trichlorobenzene

Concen: 22.150 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX042402.D

Acq: 19 Jul 2024 14:42

Tgt Ion:180 Resp: 77102
 Ion Ratio Lower Upper
 180 100
 182 96.1 0.0 187.8
 145 29.5 0.0 58.4

