

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070924\
 Data File : VX042253.D
 Acq On : 09 Jul 2024 17:46
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/10/2024
 Supervised By : Mahesh Dadoda 07/10/2024

Quant Time: Jul 10 04:59:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	25117	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	142751	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	131034	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	52768	30.519	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.733%			
60) 4-Bromofluorobenzene	11.079	95	62692	30.909	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 103.033%			
63) Toluene-d8	8.647	98	169488	30.233	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.767%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	30887	18.997	ug/l	99
3) Chloromethane	1.307	50	30424	16.740	ug/l	99
4) Vinyl Chloride	1.374	62	30447	17.130	ug/l	100
5) Bromomethane	1.593	94	16455	17.319	ug/l	97
6) Chloroethane	1.666	64	16959	22.333	ug/l	96
7) Trichlorofluoromethane	1.874	101	38549	17.222	ug/l	98
8) Diethyl Ether	2.136	74	18115	18.700	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	30043	19.743	ug/l	99
10) 1,1-Dichloroethene	2.306	96	28054	18.276	ug/l	98
11) Methyl Iodide	2.441	142	39116	19.579	ug/l	99
12) Methyl Acetate	2.709	43	46564	23.793	ug/l	98
13) Acrolein	2.239	56	29381	74.456	ug/l	99
14) Acrylonitrile	3.068	53	94490	101.725	ug/l	98
15) Acetone	2.392	58	25078	94.378	ug/l	99
16) Carbon Disulfide	2.502	76	56024	16.654	ug/l	99
17) Allyl chloride	2.654	41	43356	18.598	ug/l	97
18) Methylene Chloride	2.782	84	34016	19.320	ug/l	97
19) trans-1,2-Dichloroethene	3.087	96	28874	18.778	ug/l	98
20) Diisopropyl ether	3.770	45	96241	20.084	ug/l	96
21) 1,1-Dichloroethane	3.605	63	53847	19.673	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	37157	19.962	ug/l	99
23) tert-Butyl Alcohol	2.995	59	30713	88.935	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	96583	20.340	ug/l	100
25) Chloroform	5.093	83	57401	20.635	ug/l	99
26) Cyclohexane	5.464	56	43773	18.412	ug/l #	97
29) 1,1-Dichloropropene	5.690	75	34358	18.441	ug/l	99
30) 2-Butanone	4.568	43	131834	105.899	ug/l	100
31) 2,2-Dichloropropane	4.471	77	39418	19.308	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	47207	19.988	ug/l	99
33) Carbon Tetrachloride	5.672	117	40897	20.078	ug/l	98
34) Benzene	6.037	78	121610	19.594	ug/l	99
35) Methacrylonitrile	4.928	41	25949	20.752	ug/l	94
36) 1,2-Dichloroethane	6.086	62	38905	20.121	ug/l	99
37) Trichloroethene	7.123	130	33190	19.578	ug/l	98
38) Methylcyclohexane	7.379	83	47035	19.059	ug/l	98
39) 1,2-Dichloropropane	7.427	63	29463	19.929	ug/l	96
40) Dibromomethane	7.586	93	22305	20.395	ug/l	99
41) Bromodichloromethane	7.824	83	39978	20.404	ug/l	99
42) Vinyl Acetate	3.721	43	411631	98.784	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	48024	20.574	ug/l	99
44) Isopropyl Acetate	6.348	43	70420	20.142	ug/l	100
45) 1,4-Dioxane	7.677	88	15654m	367.331	ug/l	
46) Methyl methacrylate	7.696	41	34333	20.085	ug/l	99
47) n-amyl Acetate	10.841	43	60555	19.299	ug/l	100
48) t-1,3-Dichloropropene	8.982	75	39276	19.469	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	44885	19.835	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	33447	21.032	ug/l	95
51) Ethyl methacrylate	9.116	69	49883	19.746	ug/l	99
52) 1,3-Dichloropropane	9.311	76	52809	20.313	ug/l	99
53) Dibromochloromethane	9.519	129	35535	20.419	ug/l	99
54) 1,2-Dibromoethane	9.610	107	34797	20.750	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	128399	109.195	ug/l	99
56) Bromoform	10.799	173	29321	20.662	ug/l	97
58) 4-Methyl-2-Pentanone	8.580	43	254309	108.308	ug/l	99
59) 2-Hexanone	9.433	43	195791	108.035	ug/l	100
61) Tetrachloroethene	9.275	164	32505	19.714	ug/l	98
62) Toluene	8.720	91	133743	20.170	ug/l	99
64) Chlorobenzene	10.079	112	91325	20.226	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	32248	20.679	ug/l	99
66) Ethyl Benzene	10.195	91	145596	20.084	ug/l	98
67) m/p-Xylenes	10.299	106	118914	40.781	ug/l	97
68) o-Xylene	10.640	106	59171	20.354	ug/l	97
69) Styrene	10.659	104	99284	20.437	ug/l	99
70) Isopropylbenzene	10.963	105	148546	20.322	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	53821	21.275	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	41604m	20.305	ug/l	
73) Bromobenzene	11.201	156	43492	20.398	ug/l	98
74) n-propylbenzene	11.305	91	162841	20.280	ug/l	100
75) 2-Chlorotoluene	11.366	91	104027	20.402	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	125389	20.476	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	14374	18.963	ug/l	92
78) 4-Chlorotoluene	11.457	91	114349	20.188	ug/l	100
79) tert-butylbenzene	11.713	119	133304	20.507	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	125937	20.585	ug/l	100
81) sec-Butylbenzene	11.890	105	157896	20.826	ug/l	100
82) p-Isopropyltoluene	12.012	119	136956	20.614	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	76653	20.163	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	75708	20.007	ug/l	100
85) n-Butylbenzene	12.335	91	101887	19.832	ug/l	99
86) Hexachloroethane	12.536	117	21661	19.964	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	78207	20.341	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	10822	20.682	ug/l	99
89) 1,2,4-Trichlorobenzene	13.591	180	49823	19.144	ug/l	99
90) Hexachlorobutadiene	13.725	225	26392	20.579	ug/l	99
91) Naphthalene	13.774	128	153516	19.522	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	53402	19.813	ug/l	99

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

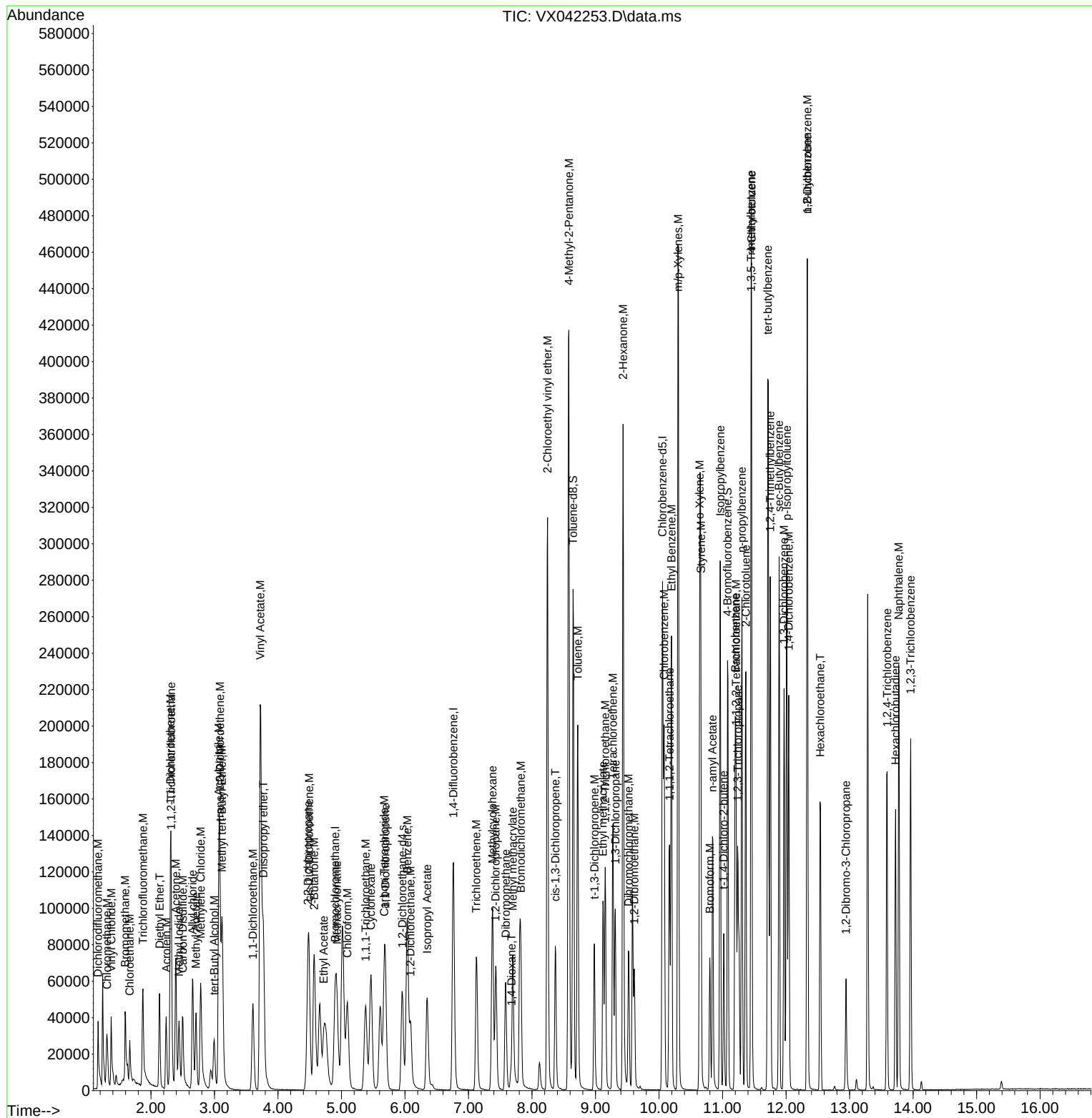
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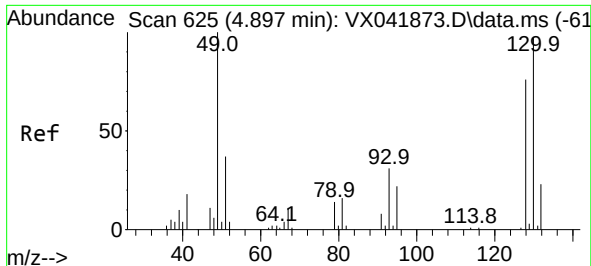
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

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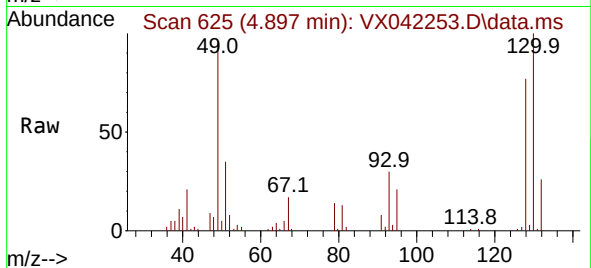
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

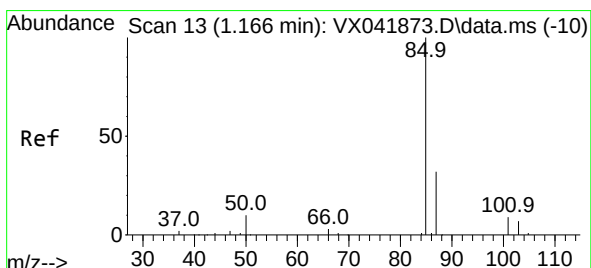
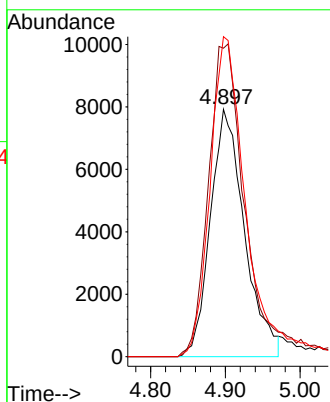
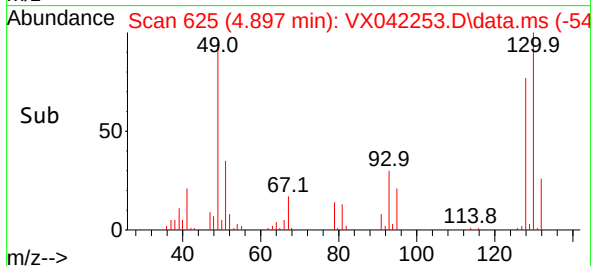
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 2511
Ion Ratio Lower Upper
128 100
49 135.9 0.0 338.5
130 136.7 0.0 324.5

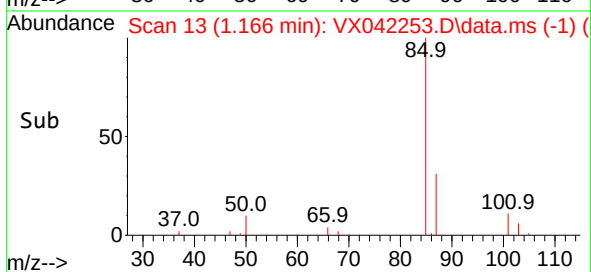
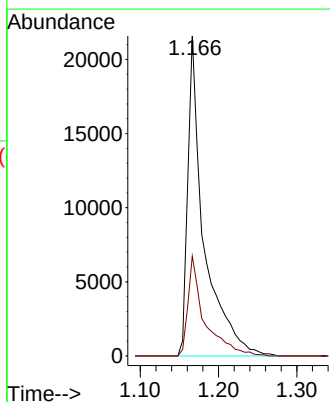
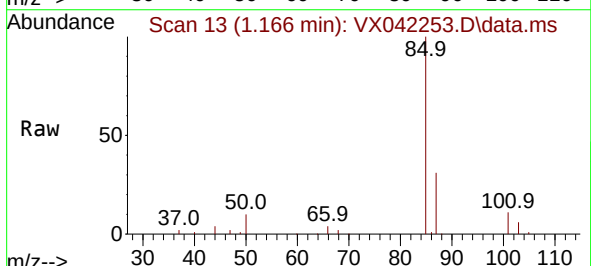
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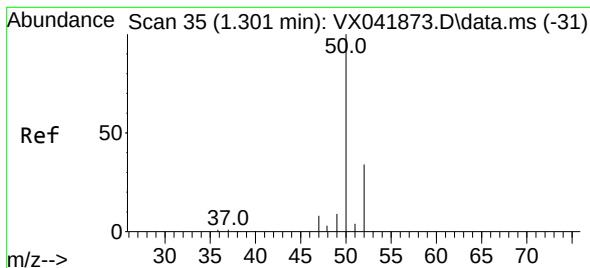
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#2
Dichlorodifluoromethane
Concen: 18.997 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

Tgt Ion: 85 Resp: 30887
Ion Ratio Lower Upper
85 100
87 31.2 15.8 47.3





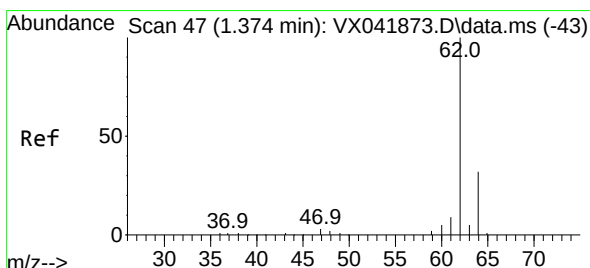
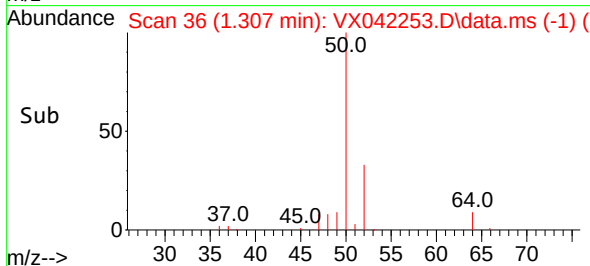
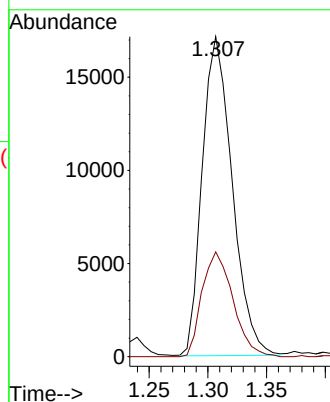
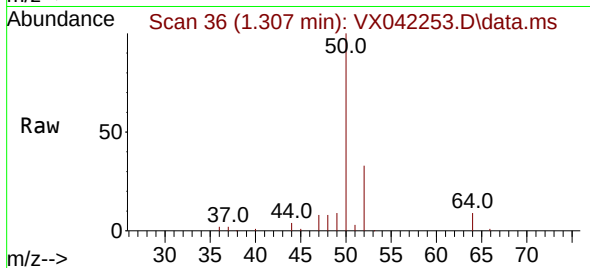
#3
Chloromethane
Concen: 16.740 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

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Tgt Ion: 50 Resp: 30424
Ion Ratio Lower Upper
50 100
52 32.9 26.9 40.3

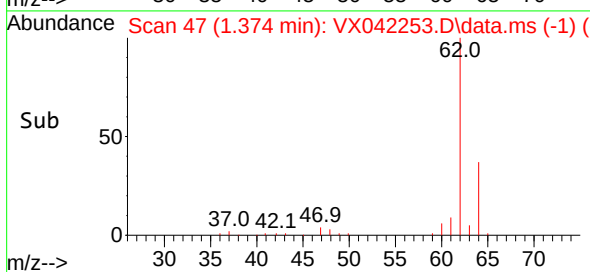
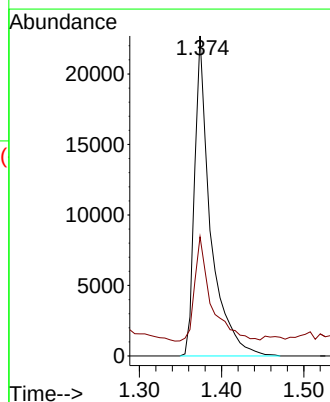
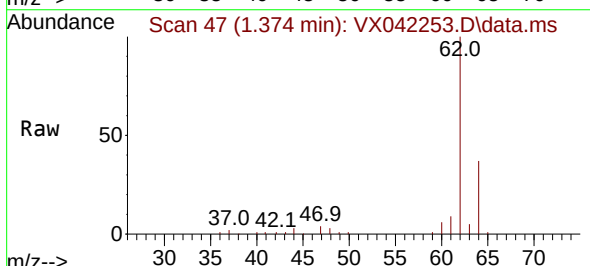
Manual Integrations
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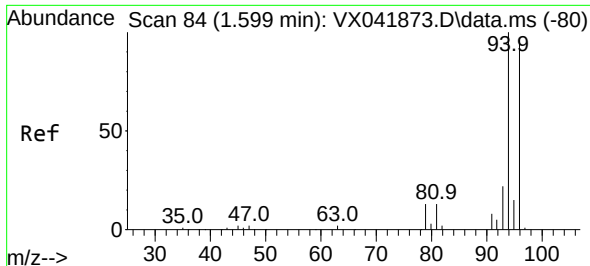
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#4
Vinyl Chloride
Concen: 17.130 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

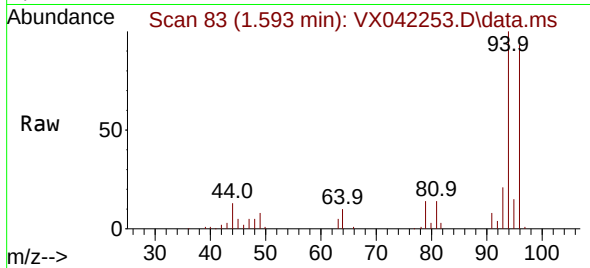
Tgt Ion: 62 Resp: 30447
Ion Ratio Lower Upper
62 100
64 32.6 26.1 39.1





#5
Bromomethane
Concen: 17.319 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

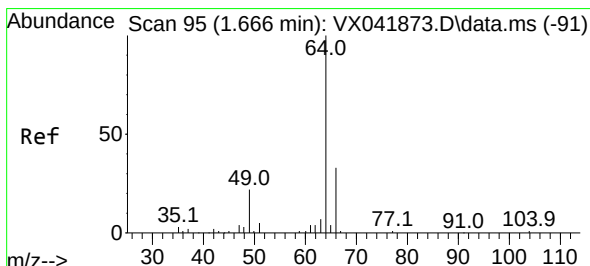
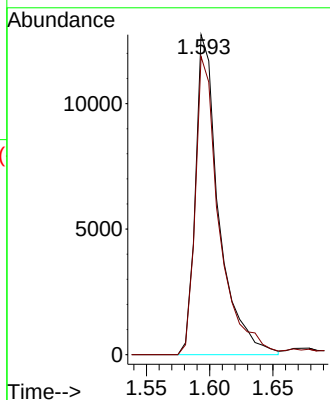
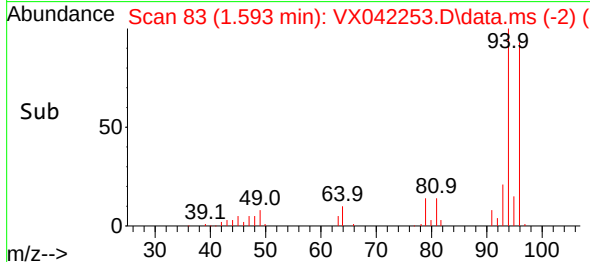
Instrument :
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Tgt Ion: 94 Resp: 1645
Ion Ratio Lower Upper
94 100
96 93.1 76.6 115.0

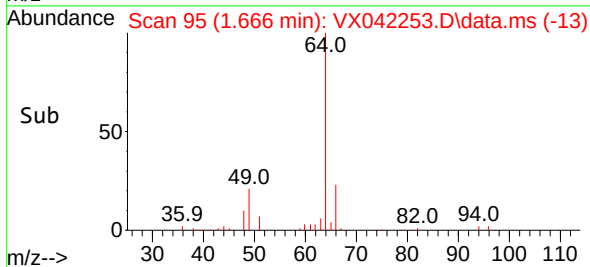
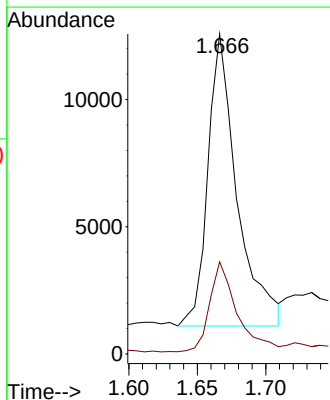
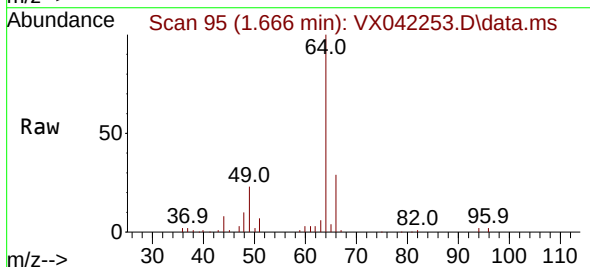
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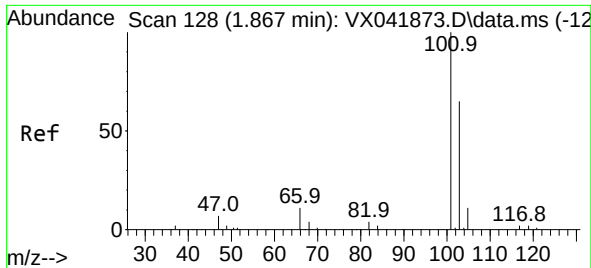
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#6
Chloroethane
Concen: 22.333 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

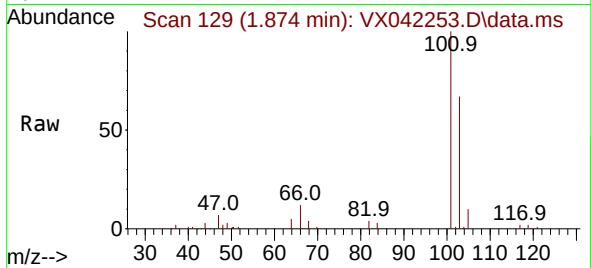
Tgt Ion: 64 Resp: 16959
Ion Ratio Lower Upper
64 100
66 30.8 26.4 39.6





#7
Trichlorofluoromethane
Concen: 17.222 ug/l
RT: 1.874 min Scan# 101
Delta R.T. 0.006 min
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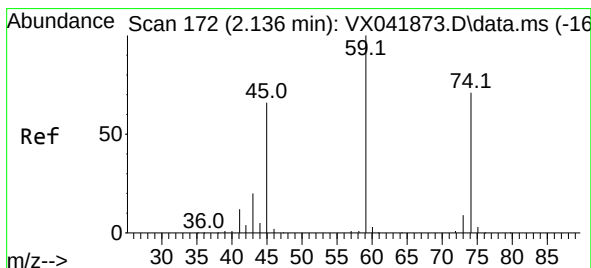
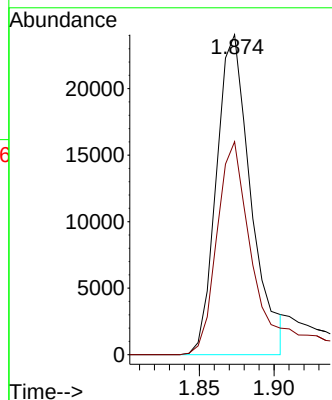
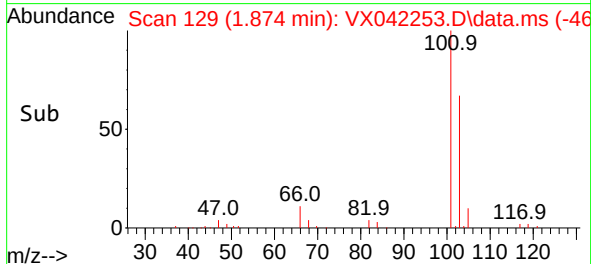
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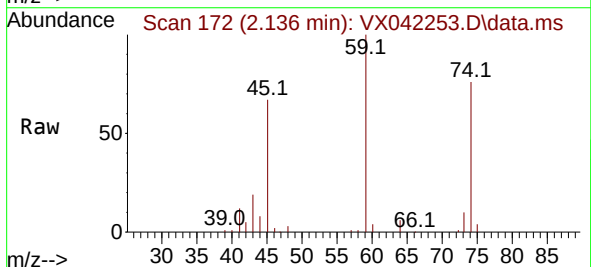
Tgt Ion:101 Resp: 38549
Ion Ratio Lower Upper
101 100
103 66.6 51.8 77.8

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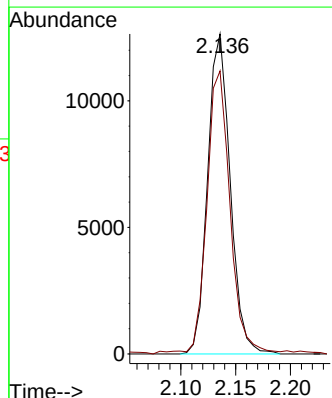
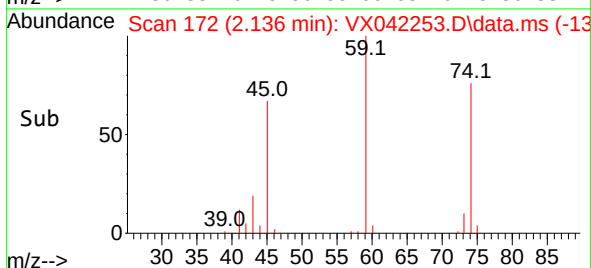
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

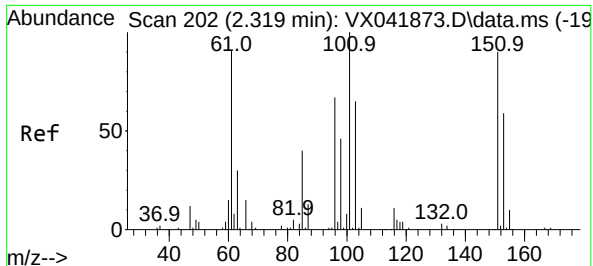


#8
Diethyl Ether
Concen: 18.700 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 18115
Ion Ratio Lower Upper
74 100
45 88.6 18.7 168.7





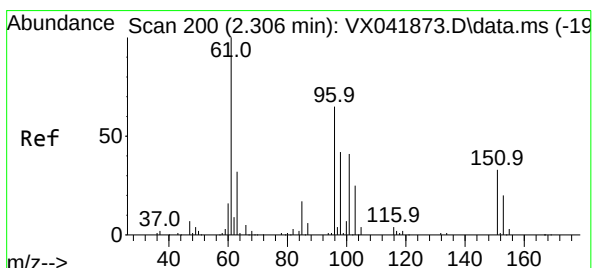
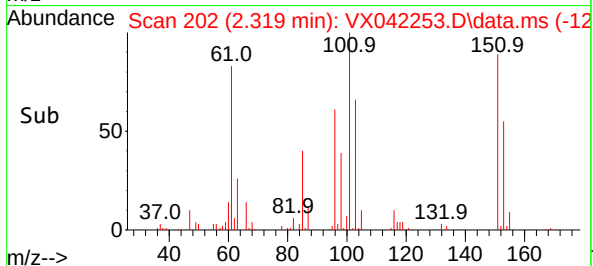
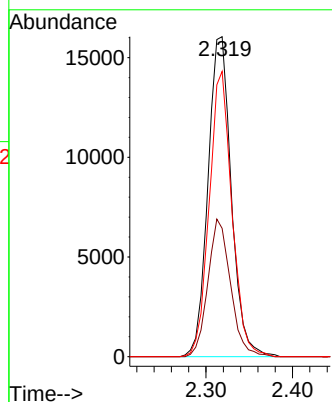
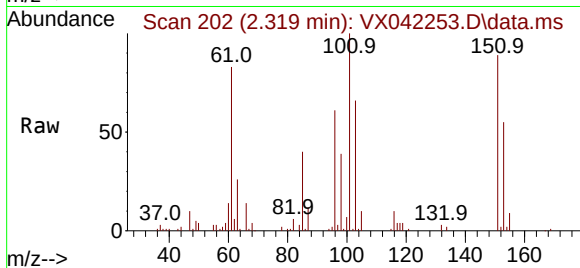
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.743 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
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Tgt Ion:101 Resp: 3004
Ion Ratio Lower Upper
101 100
85 41.7 0.0 80.4
151 86.6 0.0 175.2

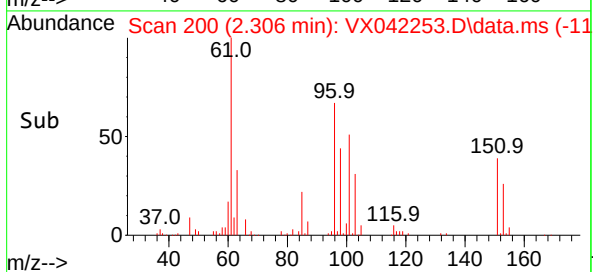
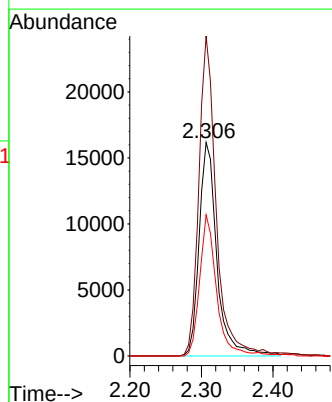
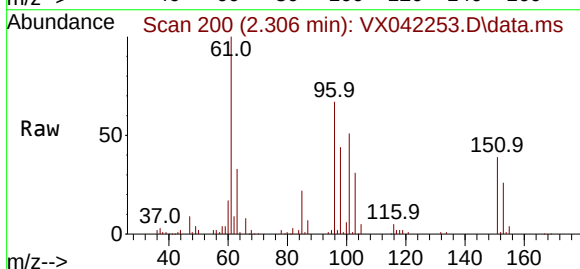
Manual Integrations
APPROVED

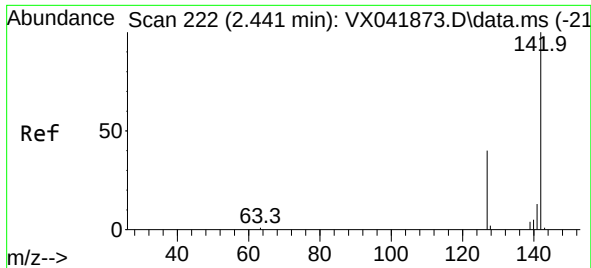
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#10
1,1-Dichloroethene
Concen: 18.276 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

Tgt Ion: 96 Resp: 28054
Ion Ratio Lower Upper
96 100
61 149.9 122.3 183.5
98 66.1 51.5 77.3





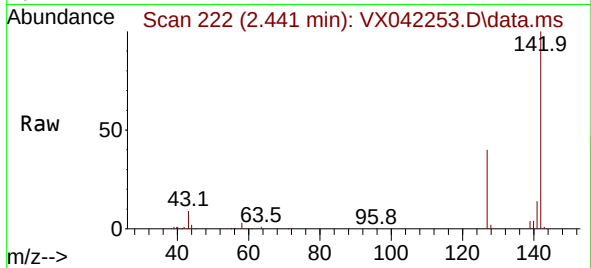
#11
Methyl Iodide
Concen: 19.579 ug/l
RT: 2.441 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



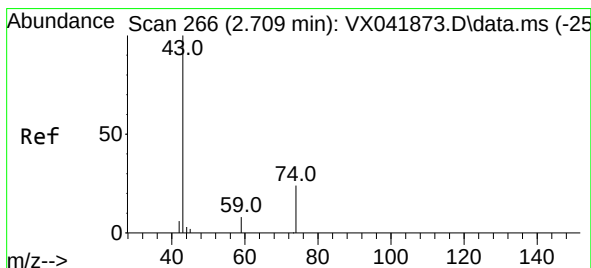
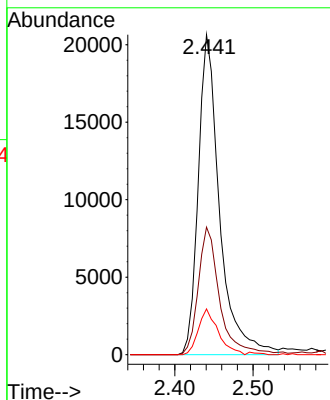
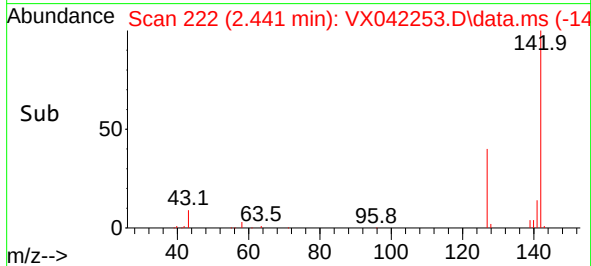
Tgt Ion:142 Resp: 39110
Ion Ratio Lower Upper
142 100
127 39.8 19.8 59.3
141 14.4 6.7 20.1

Manual Integrations

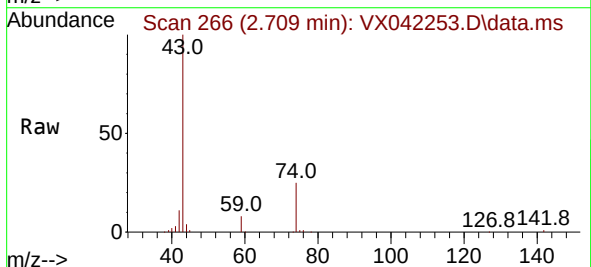
APPROVED

Reviewed By :John Carlone 07/10/2024

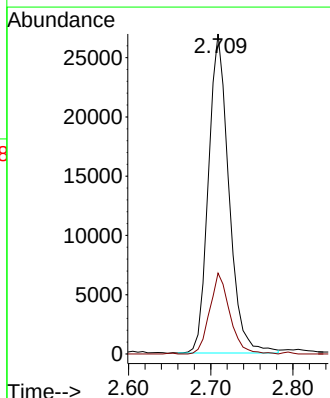
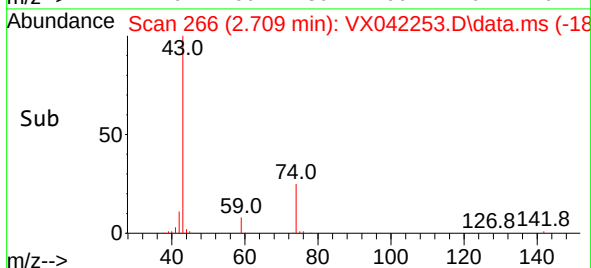
Supervised By :Mahesh Dadoda 07/10/2024

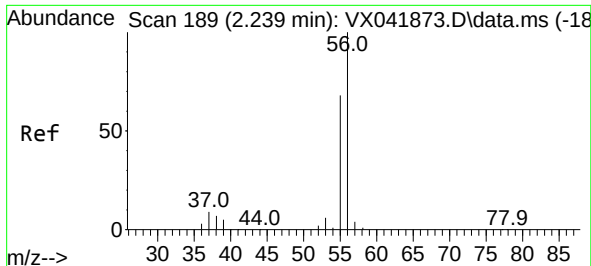


#12
Methyl Acetate
Concen: 23.793 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46



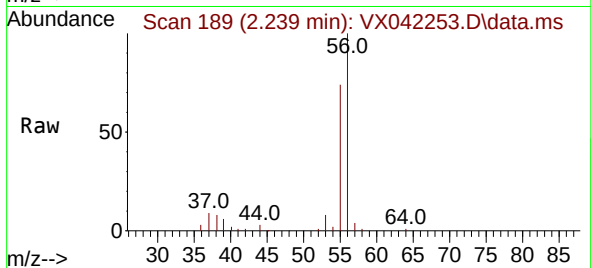
Tgt Ion: 43 Resp: 46564
Ion Ratio Lower Upper
43 100
74 25.4 19.4 29.2





#13
Acrolein
Concen: 74.456 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

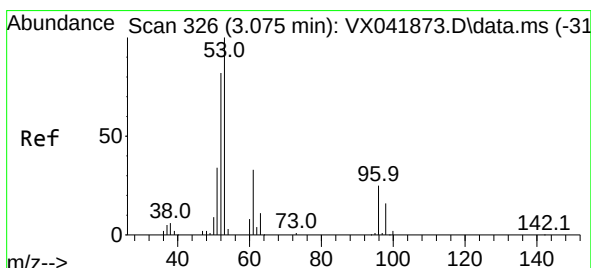
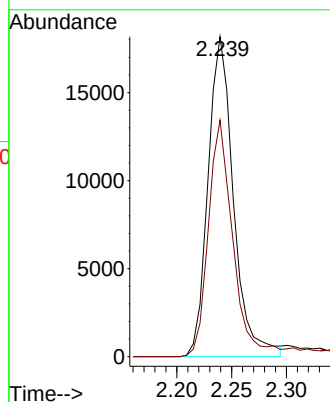
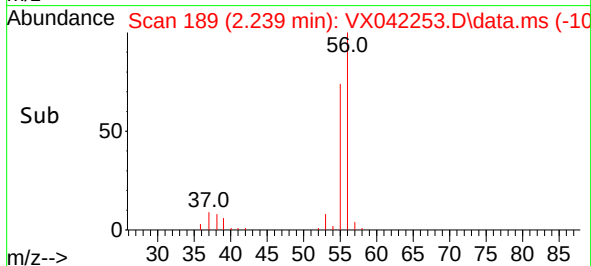
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



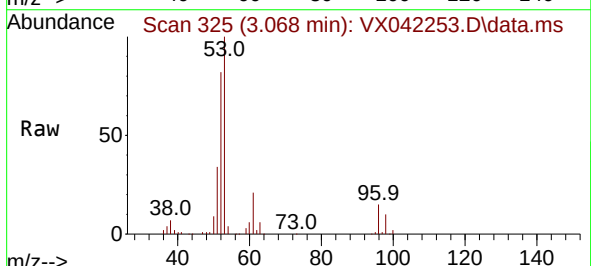
Tgt Ion: 56 Resp: 2938
Ion Ratio Lower Upper
56 100
55 69.6 55.4 83.0

Manual Integrations
APPROVED

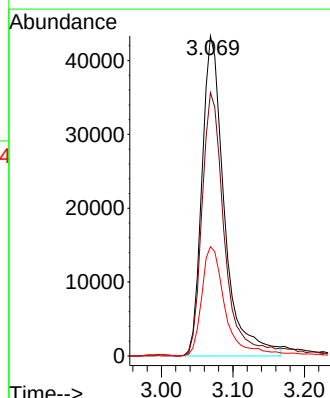
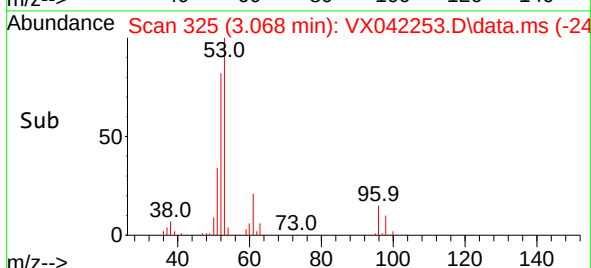
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

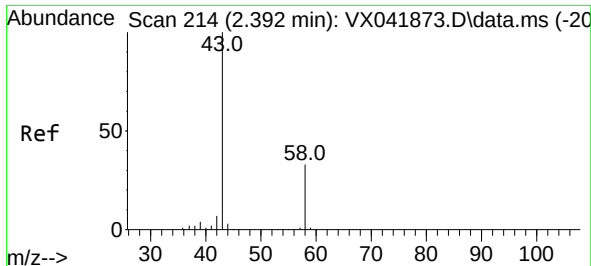


#14
Acrylonitrile
Concen: 101.725 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.006 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46



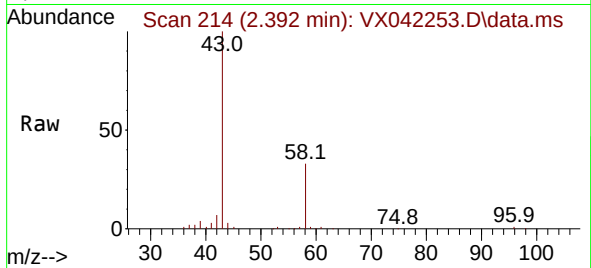
Tgt Ion: 53 Resp: 94490
Ion Ratio Lower Upper
53 100
52 81.5 39.9 119.7
51 34.1 17.4 52.3





#15
Acetone
Concen: 94.378 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

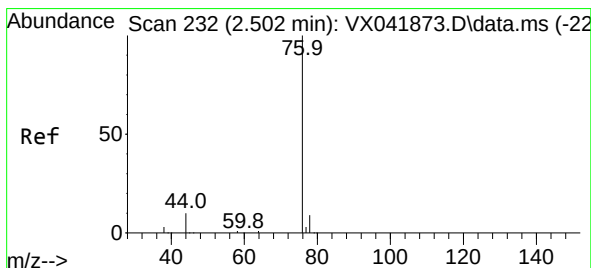
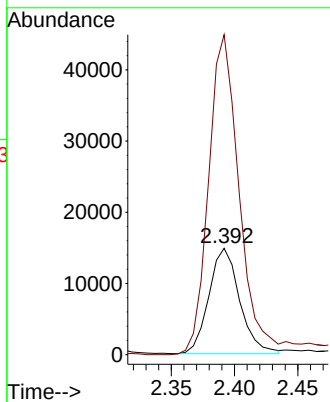
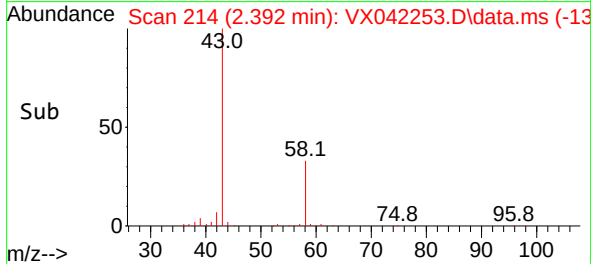
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



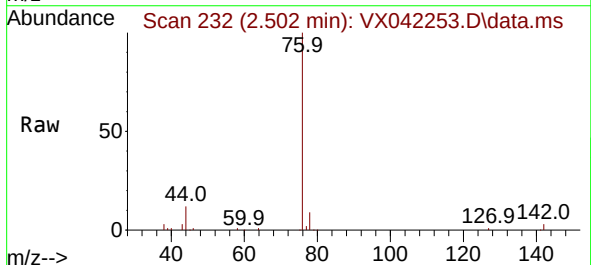
Tgt Ion: 58 Resp: 25078
Ion Ratio Lower Upper
58 100
43 302.7 243.4 365.2

Manual Integrations
APPROVED

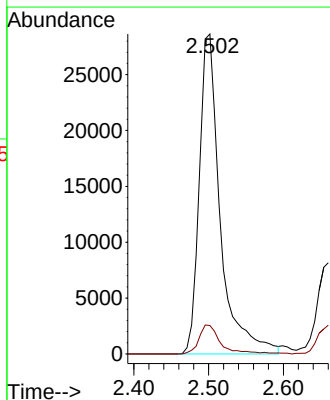
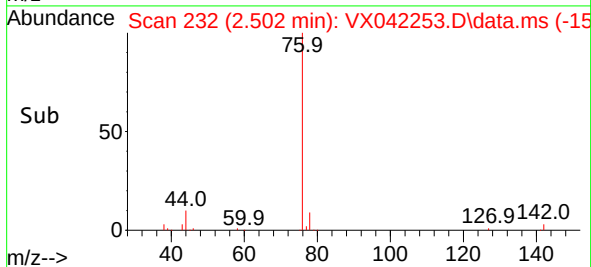
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

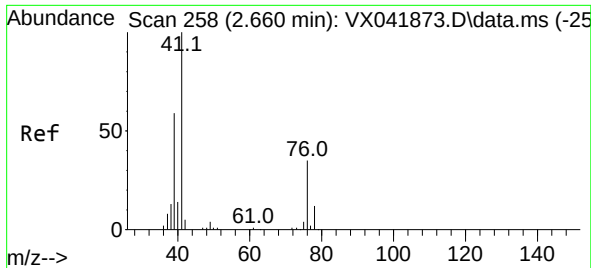


#16
Carbon Disulfide
Concen: 16.654 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46



Tgt Ion: 76 Resp: 56024
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9





#17
 Allyl chloride
 Concen: 18.598 ug/l
 RT: 2.654 min Scan# 217
 Delta R.T. -0.006 min
 Lab File: VX042253.D
 Acq: 09 Jul 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

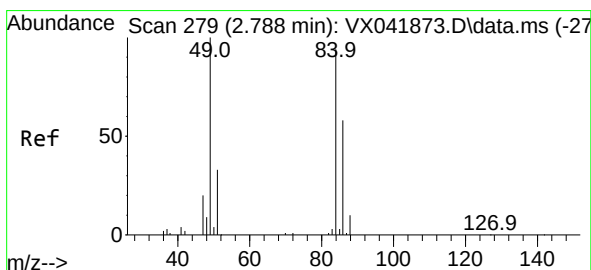
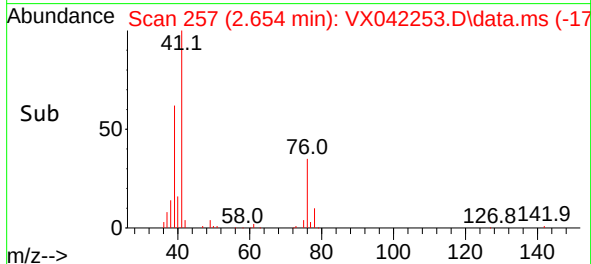
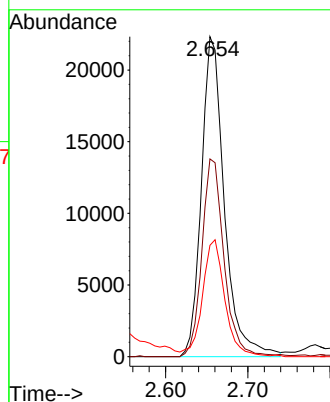
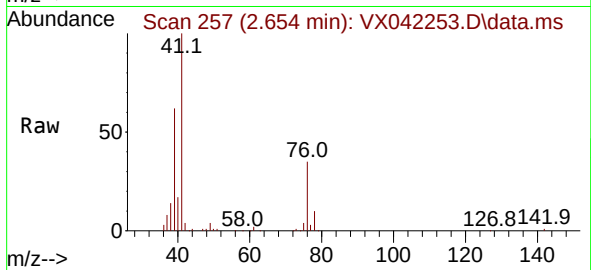
VSTDCCC020EC

Tgt Ion: 41 Resp: 43350
 Ion Ratio Lower Upper
 41 100
 39 61.8 29.6 88.8
 76 34.4 18.1 54.4

Manual Integrations

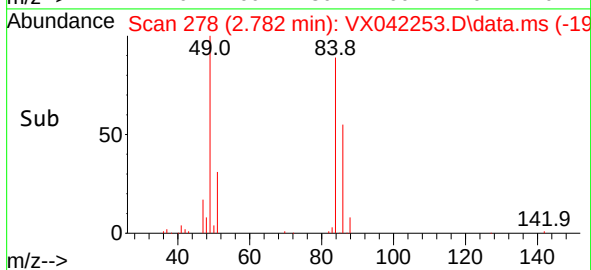
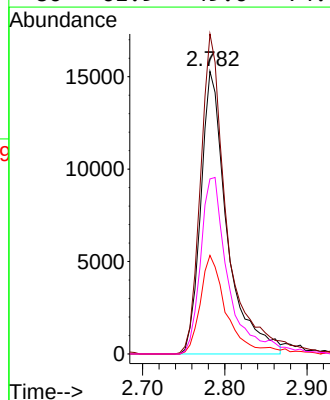
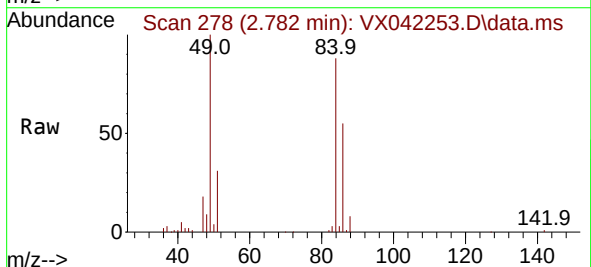
APPROVED

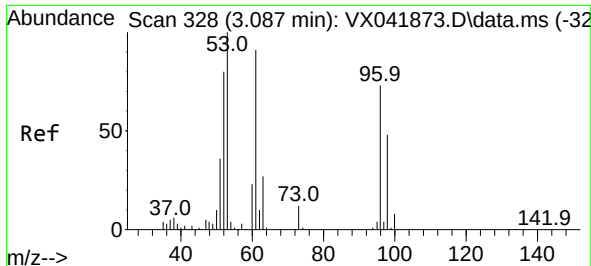
Reviewed By :John Carlone 07/10/2024
 Supervised By :Mahesh Dadoda 07/10/2024



#18
 Methylene Chloride
 Concen: 19.320 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VX042253.D
 Acq: 09 Jul 2024 17:46

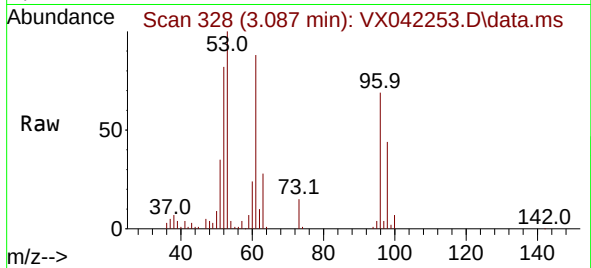
Tgt Ion: 84 Resp: 34016
 Ion Ratio Lower Upper
 84 100
 49 112.8 85.3 127.9
 51 34.9 28.5 42.7
 86 61.9 49.6 74.4





#19
trans-1,2-Dichloroethene
Concen: 18.778 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

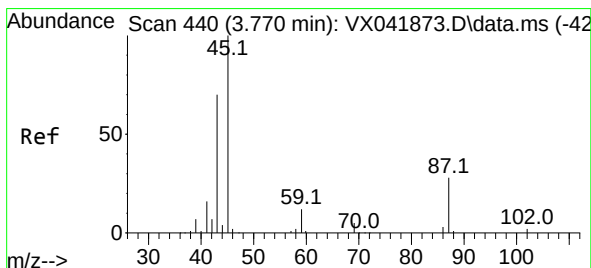
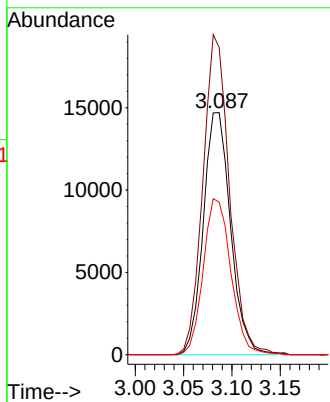
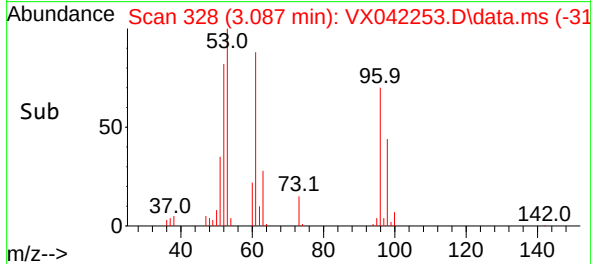
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 28874
Ion Ratio Lower Upper
96 100
61 126.5 100.1 150.1
98 63.0 52.1 78.1

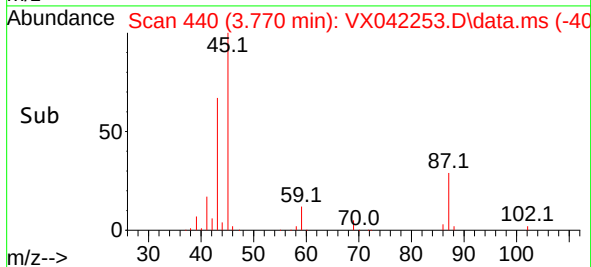
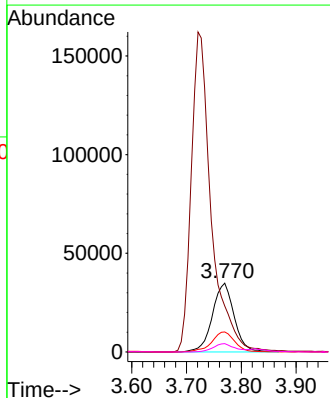
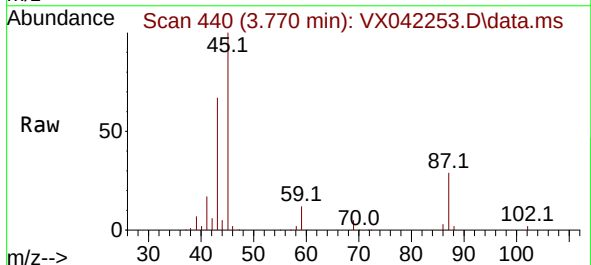
Manual Integrations
APPROVED

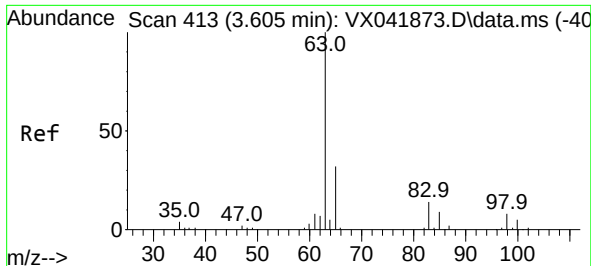
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#20
Diisopropyl ether
Concen: 20.084 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

Tgt Ion: 45 Resp: 96241
Ion Ratio Lower Upper
45 100
43 64.9 55.8 83.8
87 29.1 22.6 34.0
59 12.1 9.5 14.3





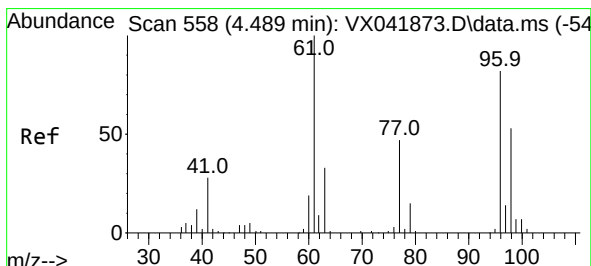
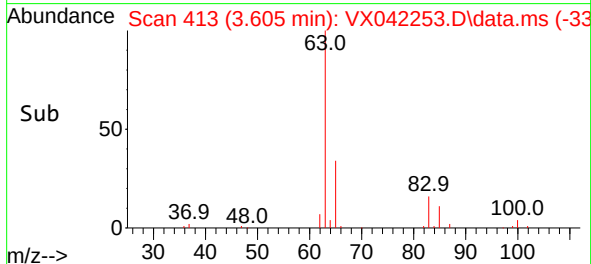
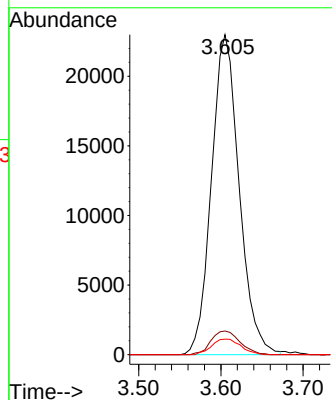
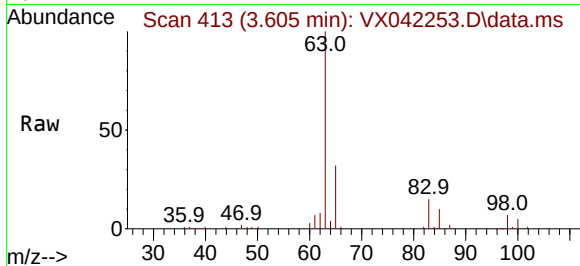
#21
1,1-Dichloroethane
Concen: 19.673 ug/l
RT: 3.605 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 5384
Ion Ratio Lower Upper
63 100
98 7.4 4.2 12.4
100 4.9 2.5 7.4

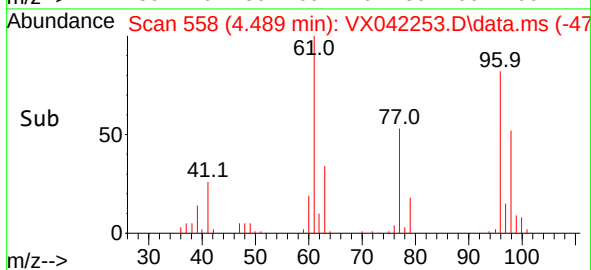
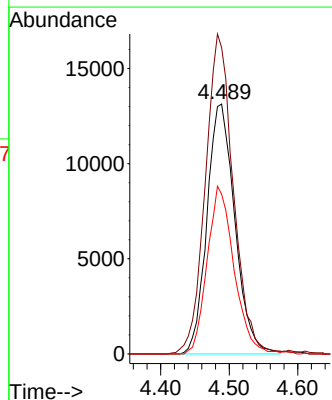
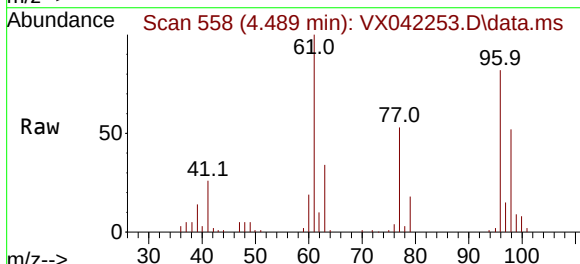
Manual Integrations
APPROVED

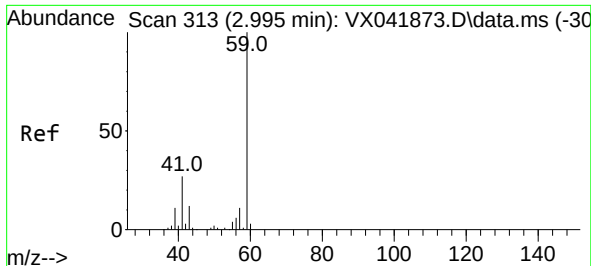
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#22
cis-1,2-Dichloroethene
Concen: 19.962 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

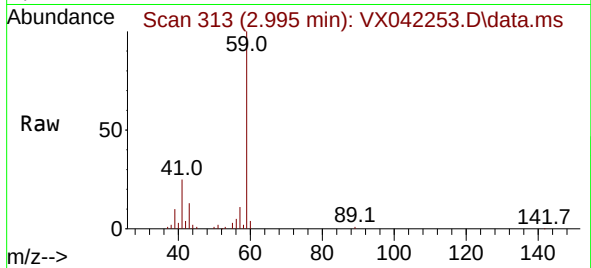
Tgt Ion: 96 Resp: 37157
Ion Ratio Lower Upper
96 100
61 128.4 103.3 154.9
98 64.2 52.2 78.2





#23
tert-Butyl Alcohol
Concen: 88.935 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

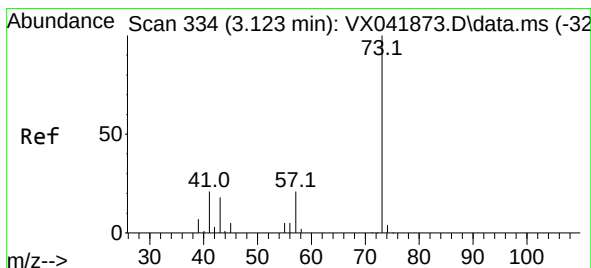
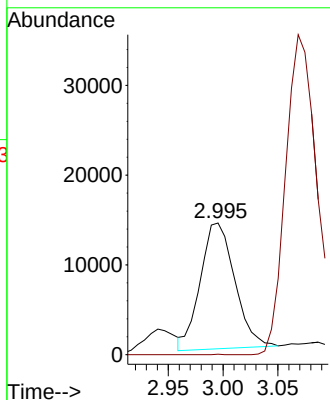
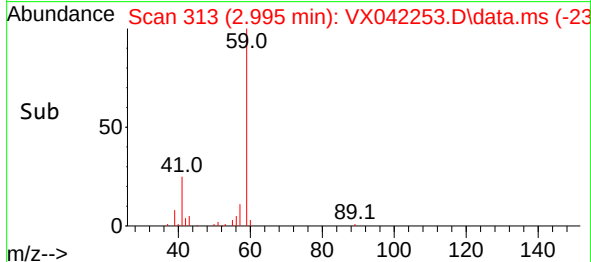
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 3071
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

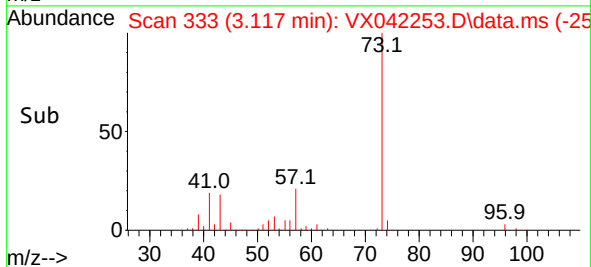
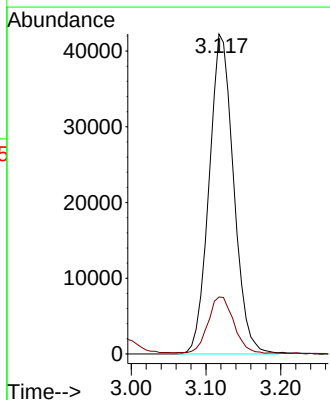
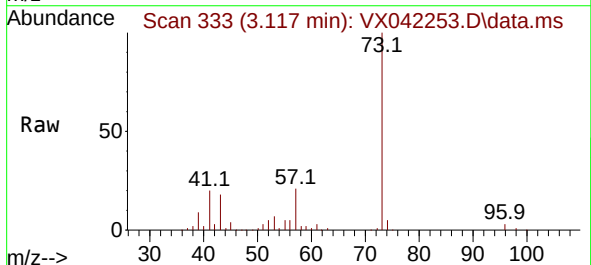
Manual Integrations
APPROVED

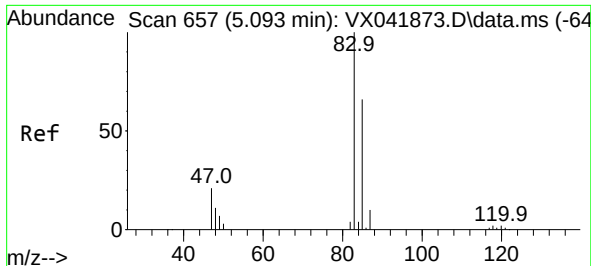
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#24
Methyl tert-Butyl Ether
Concen: 20.340 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

Tgt Ion: 73 Resp: 96583
Ion Ratio Lower Upper
73 100
43 18.9 15.1 22.7





#25

Chloroform

Concen: 20.635 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX042253.D

Acq: 09 Jul 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 5740

Ion Ratio Lower Upper

83 100

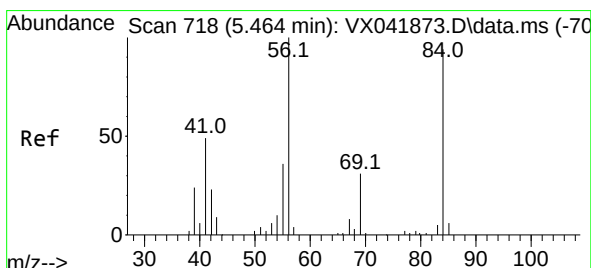
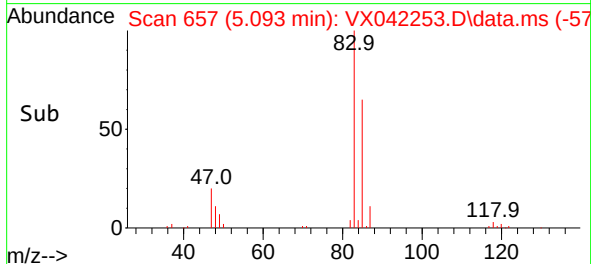
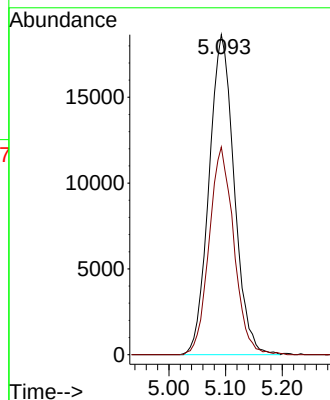
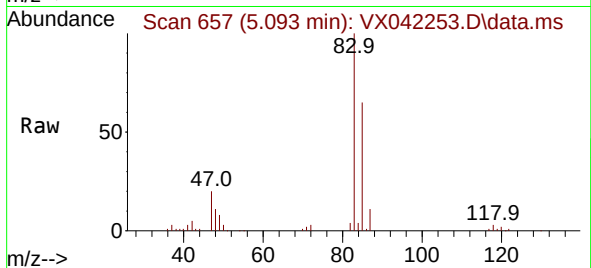
85 64.9 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#26

Cyclohexane

Concen: 18.412 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX042253.D

Acq: 09 Jul 2024 17:46

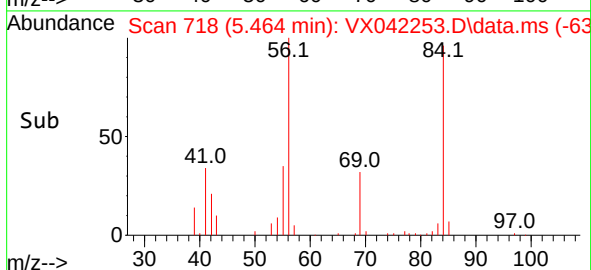
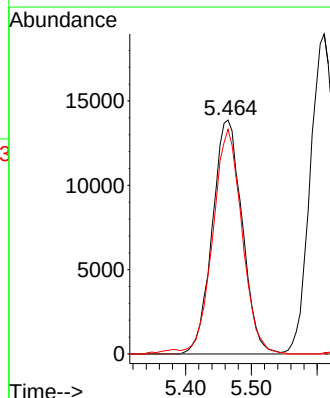
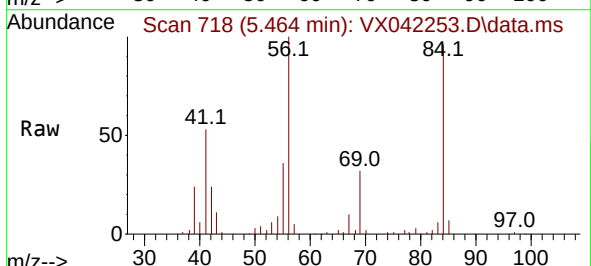
Tgt Ion: 56 Resp: 43773

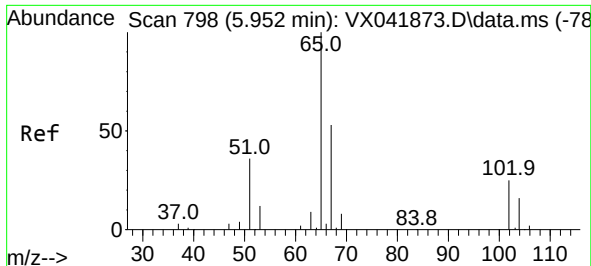
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 93.9 73.1 109.7





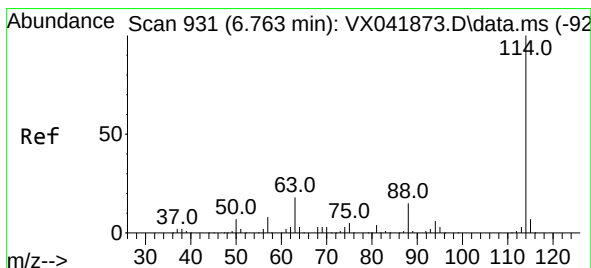
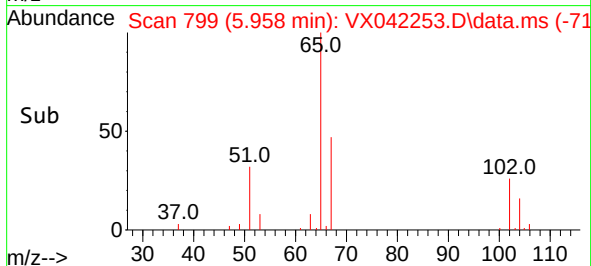
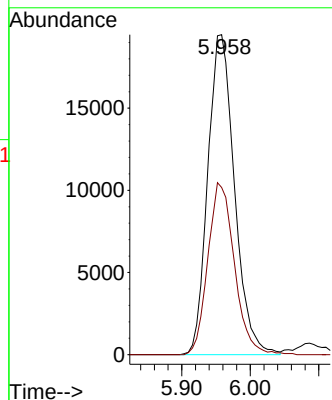
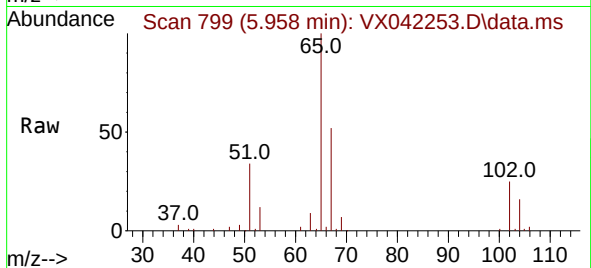
#27
1,2-Dichloroethane-d4
Concen: 30.519 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 65 Resp: 52768
Ion Ratio Lower Upper
65 100
67 53.4 43.4 65.0

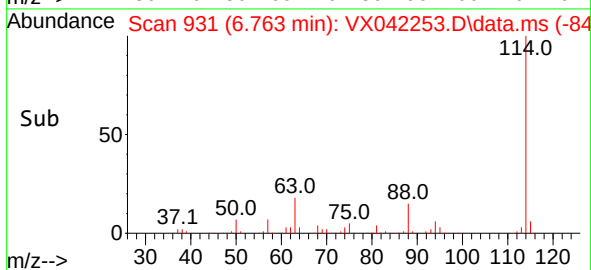
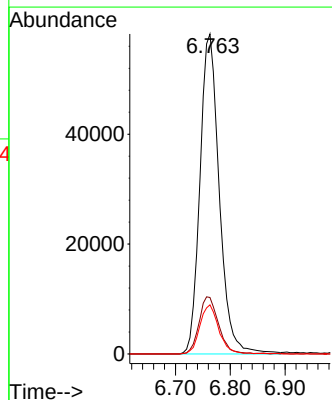
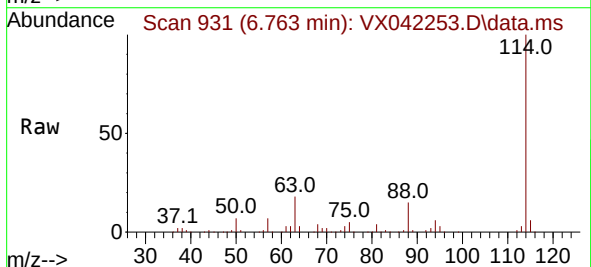
Manual Integrations
APPROVED

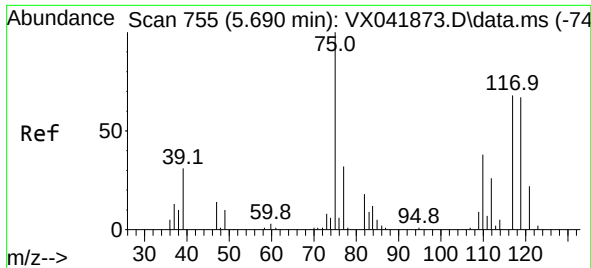
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

Tgt Ion:114 Resp: 142751
Ion Ratio Lower Upper
114 100
63 18.0 14.6 21.8
88 14.9 11.8 17.8





#29
1,1-Dichloropropene
Concen: 18.441 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

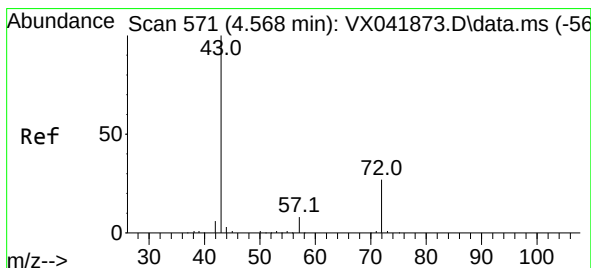
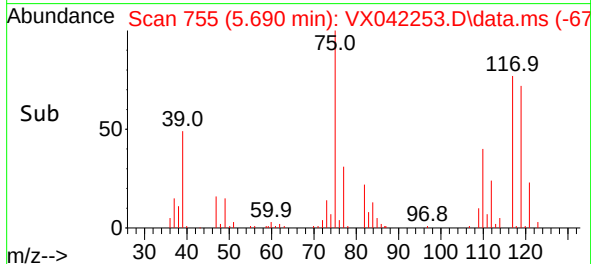
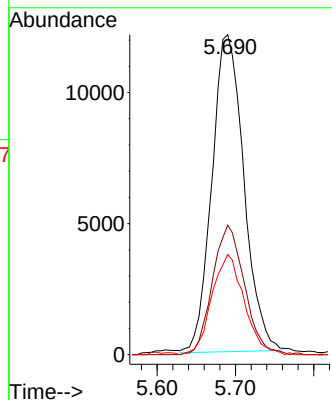
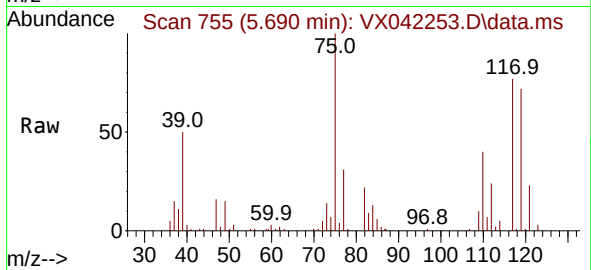
Tgt Ion: 75 Resp: 34358
Ion Ratio Lower Upper
75 100
110 40.8 0.0 80.2
77 31.8 0.0 65.2

Manual Integrations

APPROVED

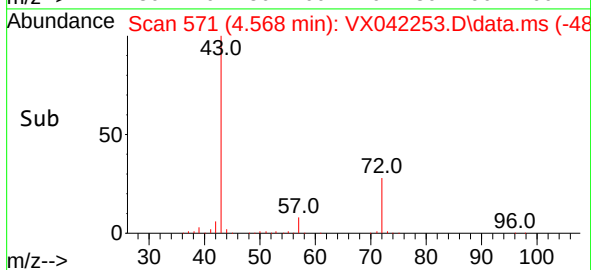
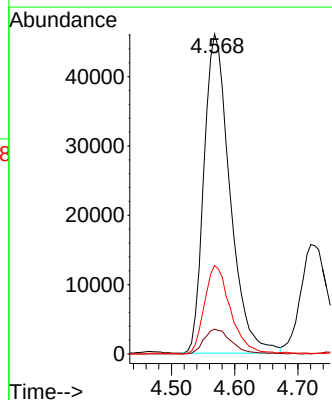
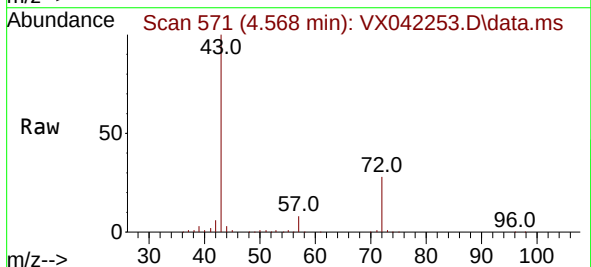
Reviewed By :John Carlone 07/10/2024

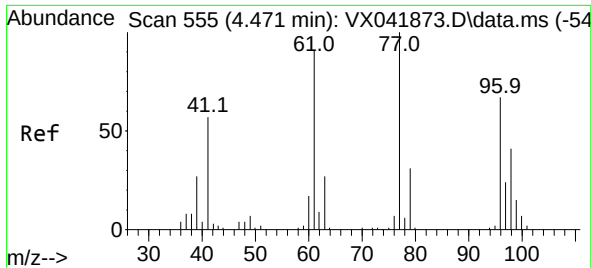
Supervised By :Mahesh Dadoda 07/10/2024



#30
2-Butanone
Concen: 105.899 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

Tgt Ion: 43 Resp: 131834
Ion Ratio Lower Upper
43 100
57 8.2 6.5 9.7
72 27.6 22.0 33.0





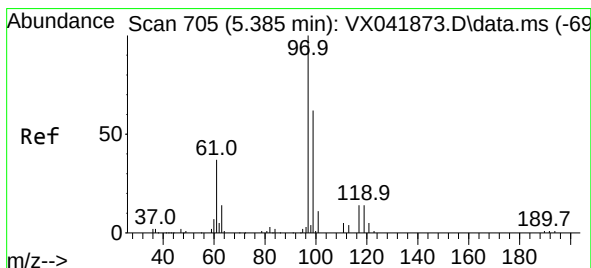
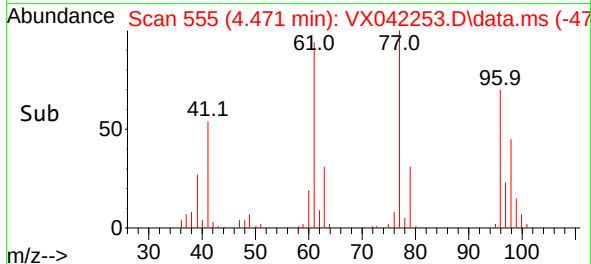
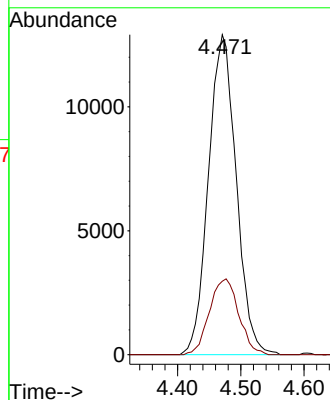
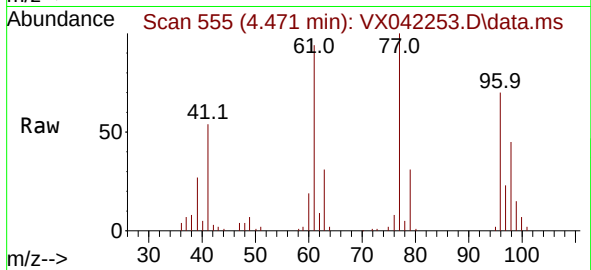
#31
2,2-Dichloropropane
Concen: 19.308 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 39418
Ion Ratio Lower Upper
77 100
97 24.9 20.2 30.2

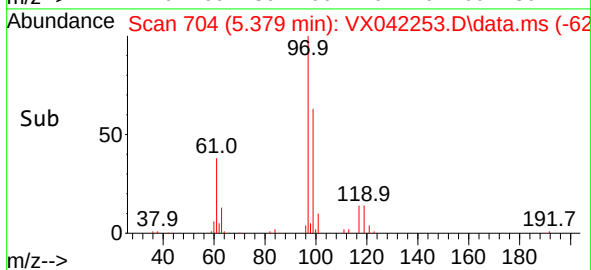
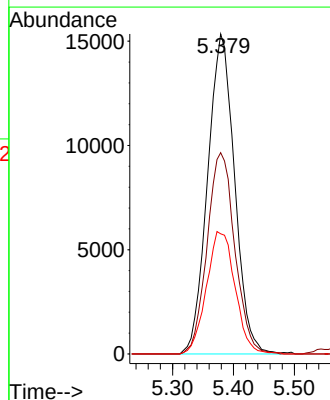
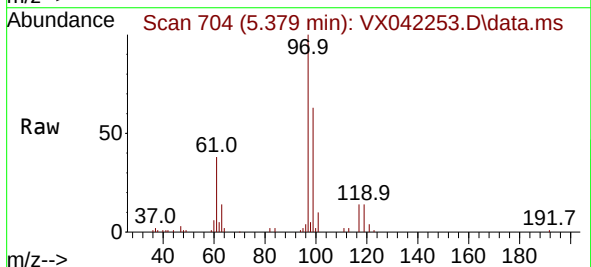
Manual Integrations
APPROVED

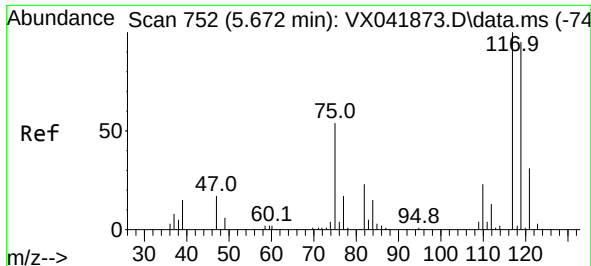
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#32
1,1,1-Trichloroethane
Concen: 19.988 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

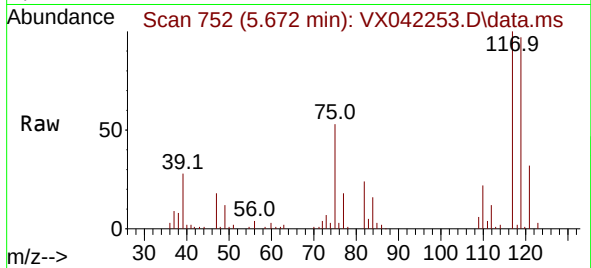
Tgt Ion: 97 Resp: 47207
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 40.6 31.7 47.5





#33
Carbon Tetrachloride
Concen: 20.078 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

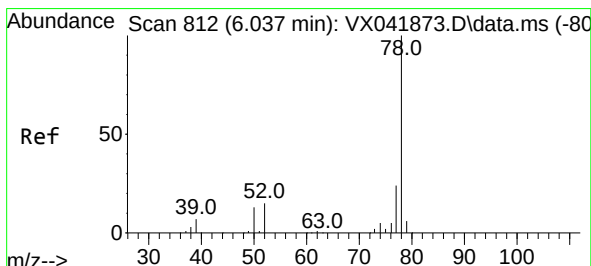
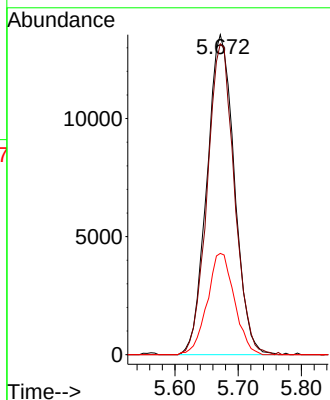
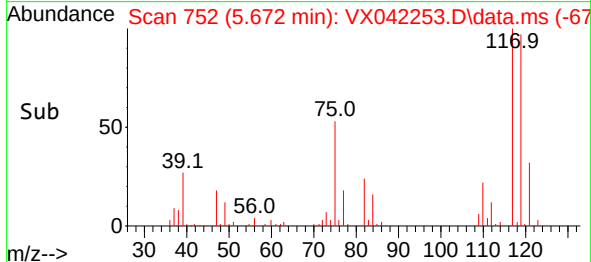
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 4089
Ion Ratio Lower Upper
117 100
119 97.2 75.7 113.5
121 31.6 24.9 37.3

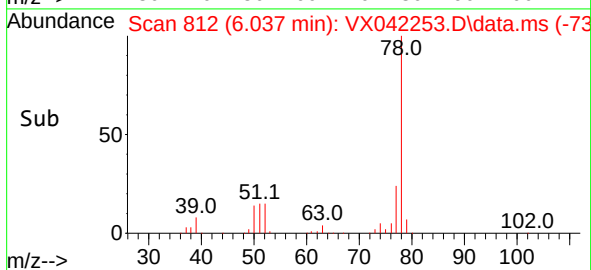
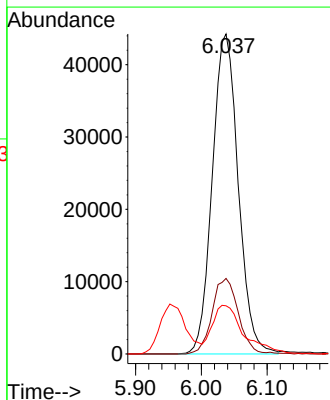
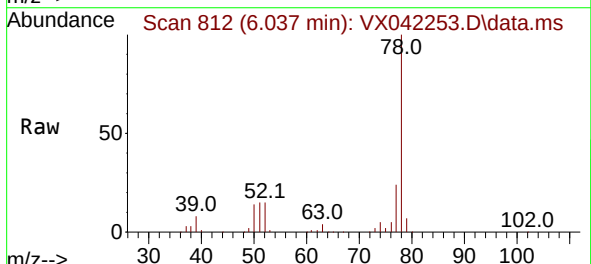
Manual Integrations
APPROVED

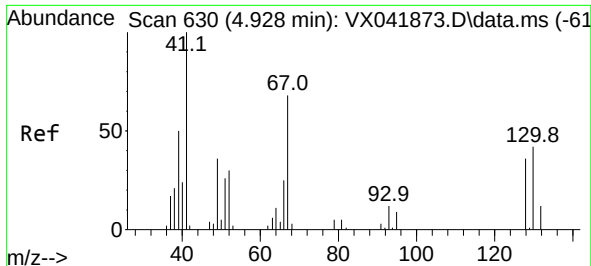
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#34
Benzene
Concen: 19.594 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

Tgt Ion: 78 Resp: 121610
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3
51 13.9 11.8 17.8





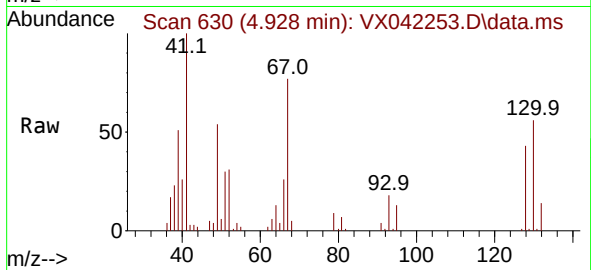
#35
Methacrylonitrile
Concen: 20.752 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



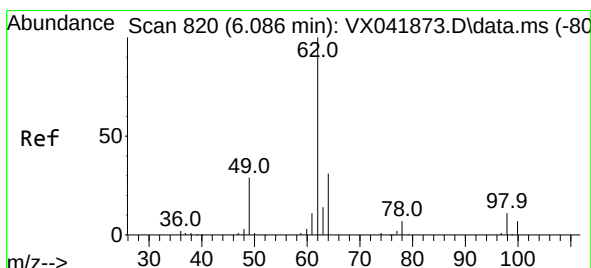
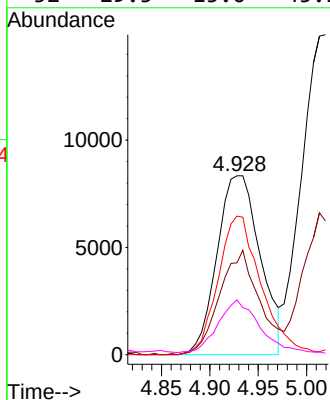
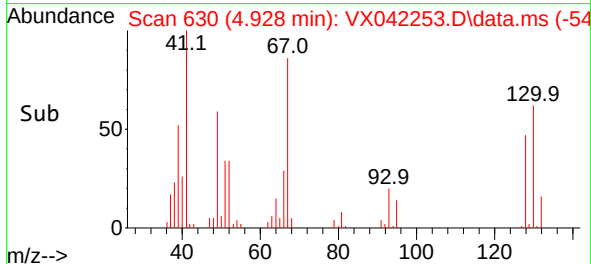
Tgt Ion: 41 Resp: 25949
Ion Ratio Lower Upper
41 100
39 51.3 25.2 75.6
67 77.5 34.2 102.5
52 29.5 15.0 45.1

Manual Integrations

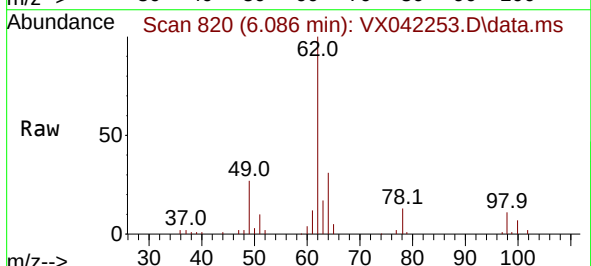
APPROVED

Reviewed By :John Carlone 07/10/2024

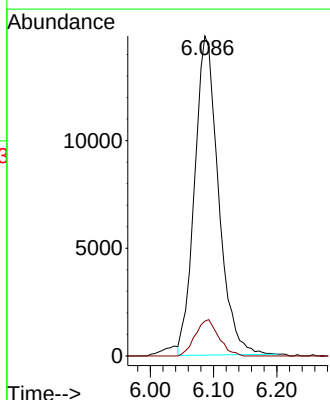
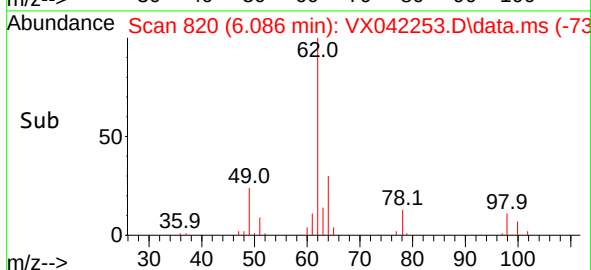
Supervised By :Mahesh Dadoda 07/10/2024

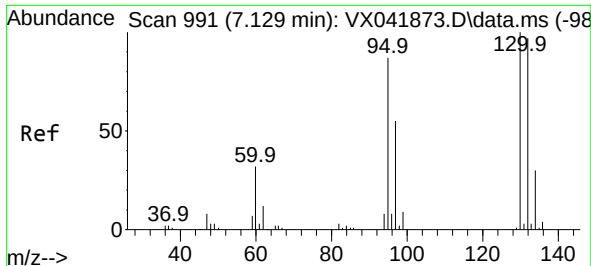


#36
1,2-Dichloroethane
Concen: 20.121 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46



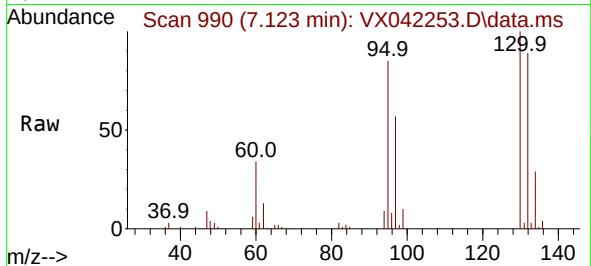
Tgt Ion: 62 Resp: 38905
Ion Ratio Lower Upper
62 100
98 11.2 9.1 13.7





#37
Trichloroethene
Concen: 19.578 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

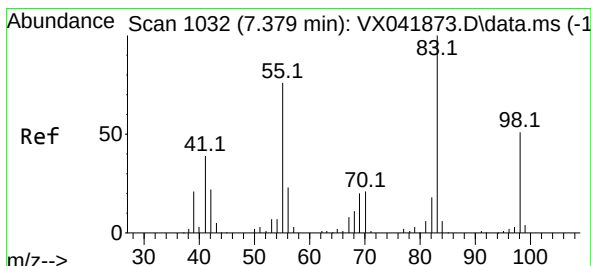
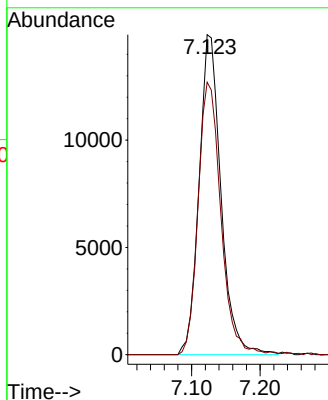
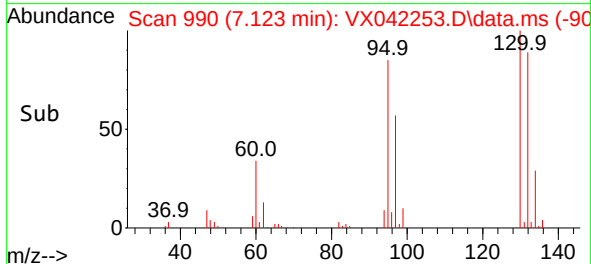
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:130 Resp: 33190
Ion Ratio Lower Upper
130 100
95 85.2 69.4 104.0

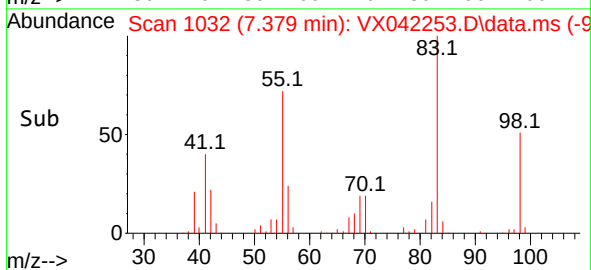
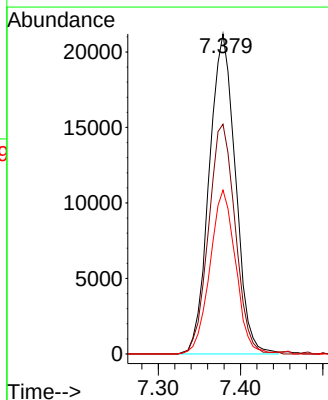
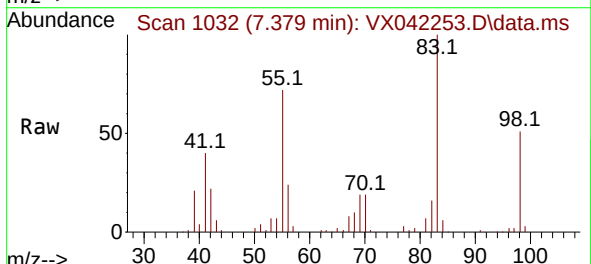
Manual Integrations
APPROVED

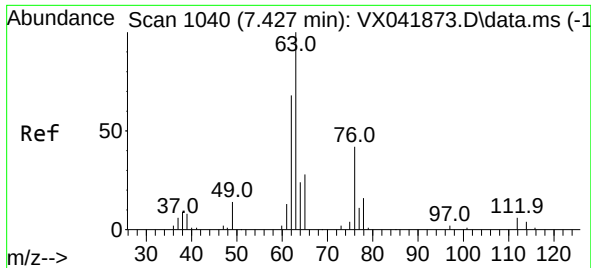
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#38
Methylcyclohexane
Concen: 19.059 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

Tgt Ion: 83 Resp: 47035
Ion Ratio Lower Upper
83 100
55 72.7 37.3 111.9
98 49.9 24.8 74.4





#39

1,2-Dichloropropane

Concen: 19.929 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX042253.D

Acq: 09 Jul 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 2946

Ion Ratio Lower Upper

63 100

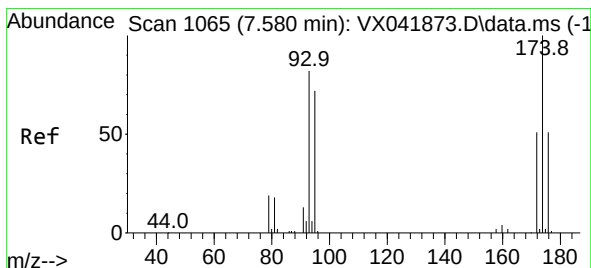
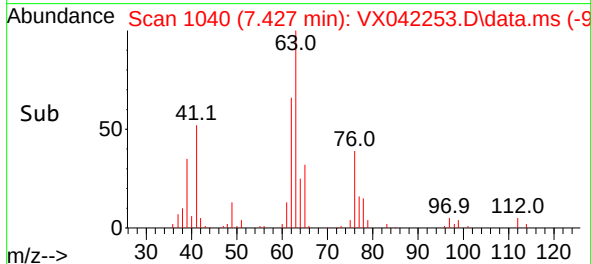
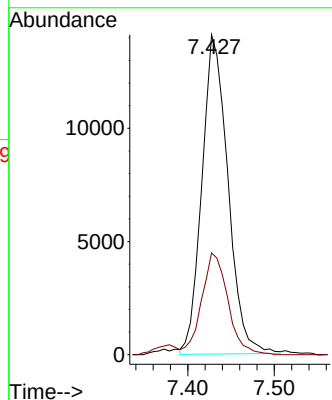
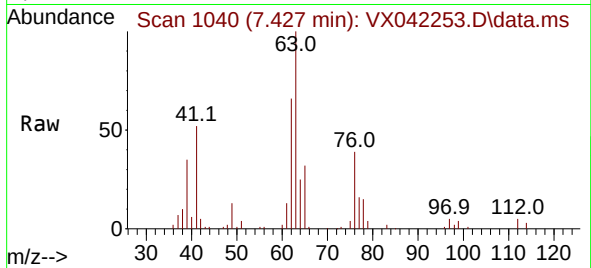
65 32.1 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#40

Dibromomethane

Concen: 20.395 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX042253.D

Acq: 09 Jul 2024 17:46

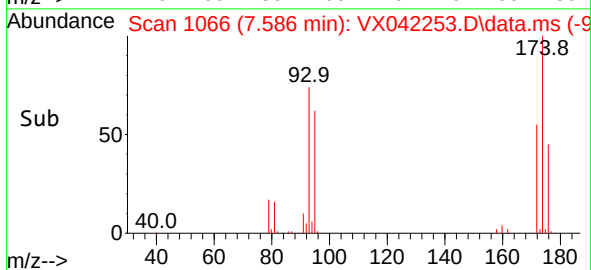
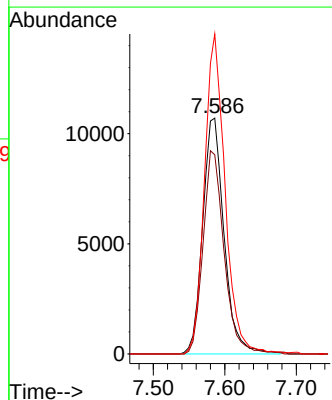
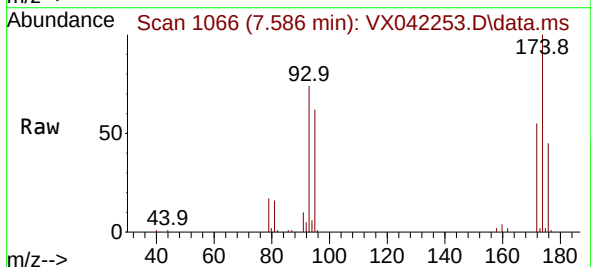
Tgt Ion: 93 Resp: 22305

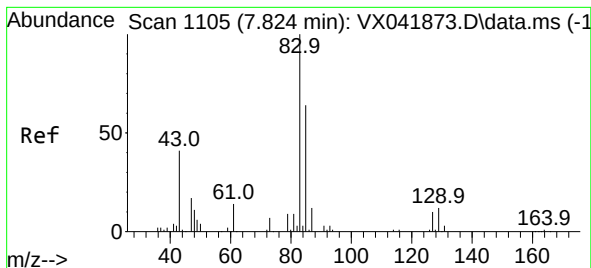
Ion Ratio Lower Upper

93 100

95 84.3 0.0 168.6

174 129.5 0.0 255.0





#41

Bromodichloromethane

Concen: 20.404 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX042253.D

Acq: 09 Jul 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

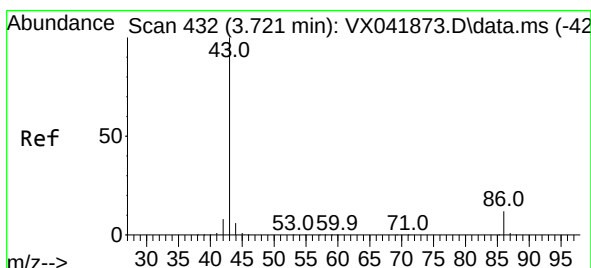
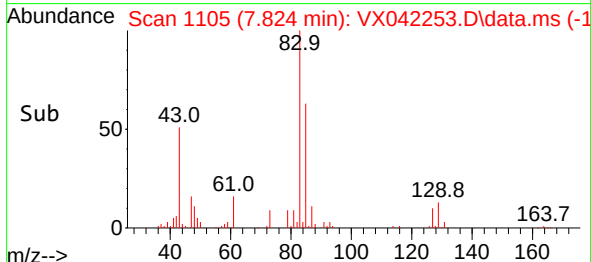
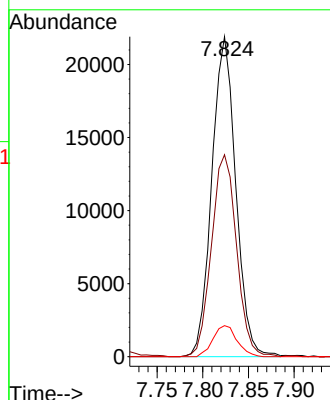
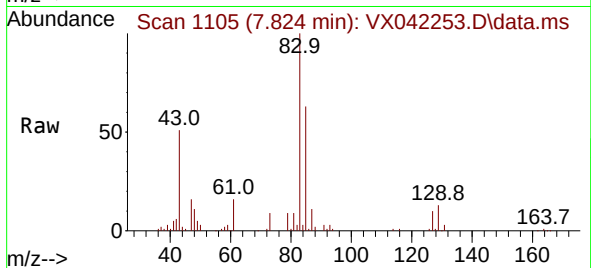
Tgt Ion:	83	Resp:	39978
Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.1	76.7
127	9.7	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#42

Vinyl Acetate

Concen: 98.784 ug/l

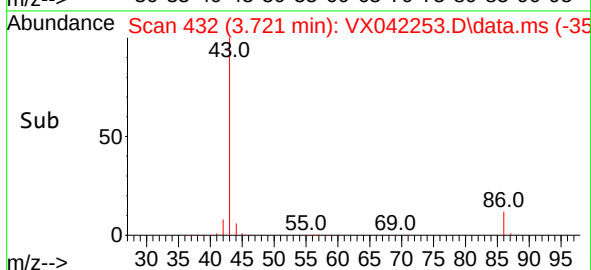
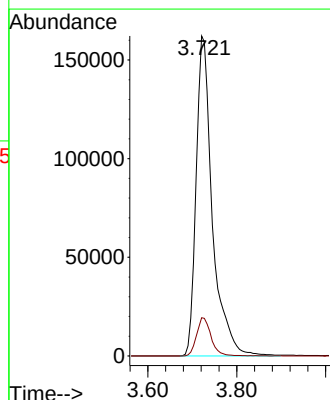
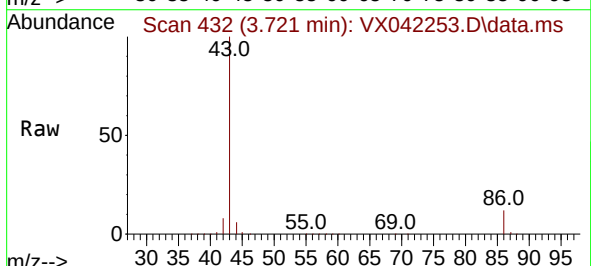
RT: 3.721 min Scan# 432

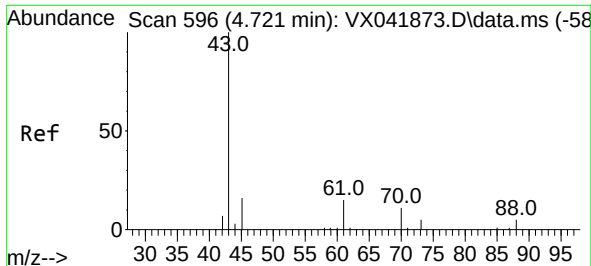
Delta R.T. -0.000 min

Lab File: VX042253.D

Acq: 09 Jul 2024 17:46

Tgt Ion:	43	Resp:	411631
Ion	Ratio	Lower	Upper
43	100		
86	10.6	8.5	12.7





#43
Ethyl Acetate
Concen: 20.574 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

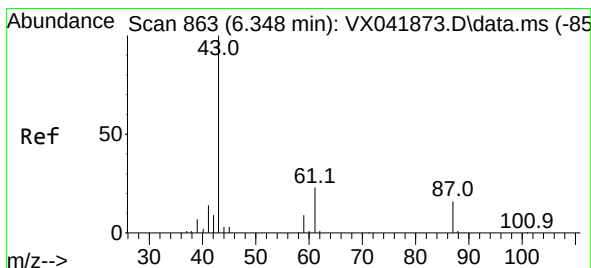
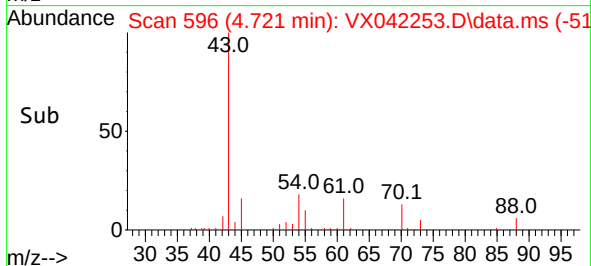
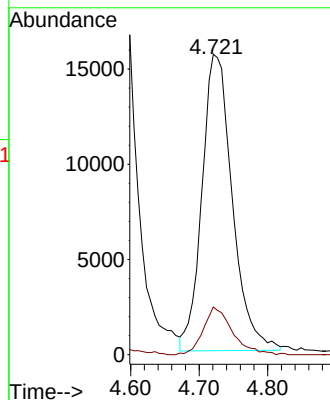
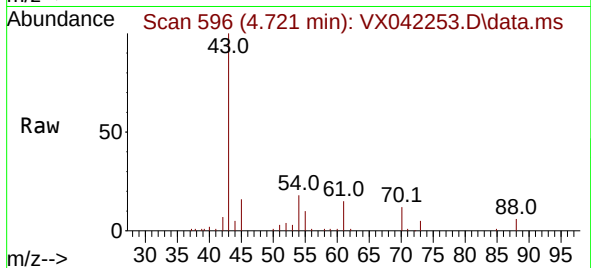
VSTDCCC020EC

Tgt Ion: 43 Resp: 48024
Ion Ratio Lower Upper
43 100
45 15.0 12.4 18.6

Manual Integrations

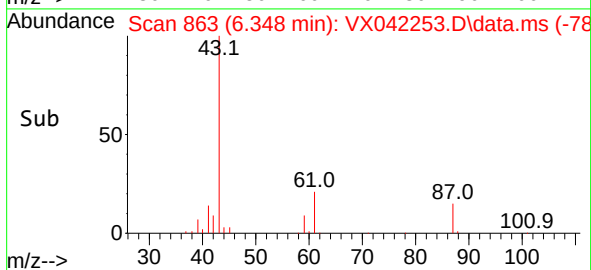
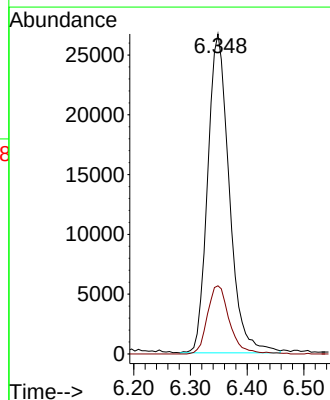
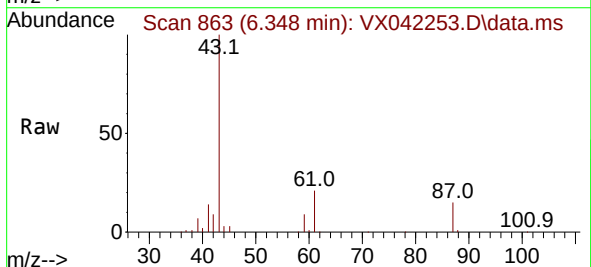
APPROVED

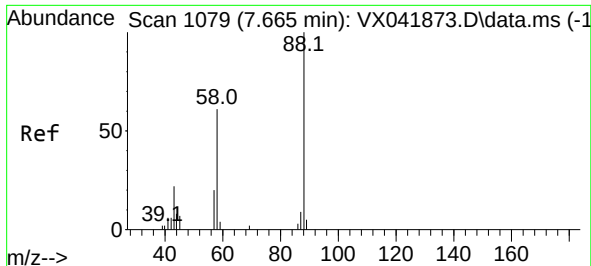
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#44
Isopropyl Acetate
Concen: 20.142 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

Tgt Ion: 43 Resp: 70420
Ion Ratio Lower Upper
43 100
61 21.6 17.4 26.0





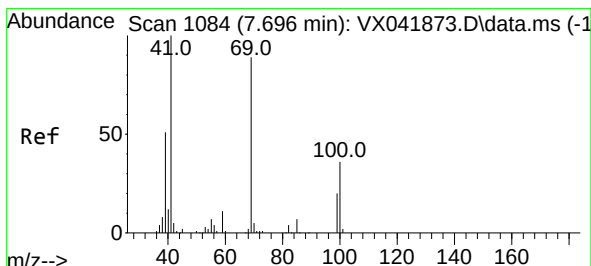
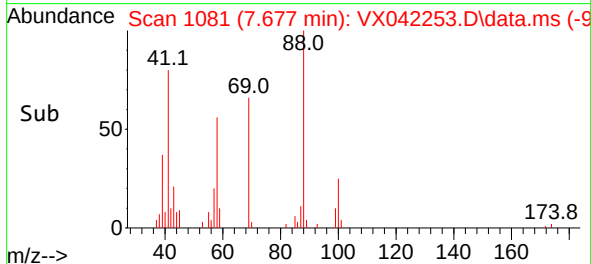
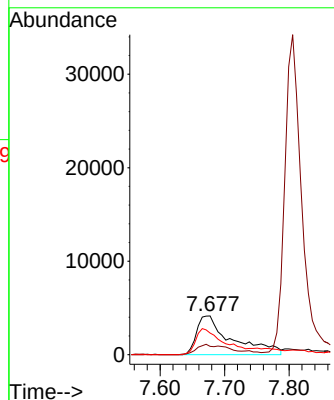
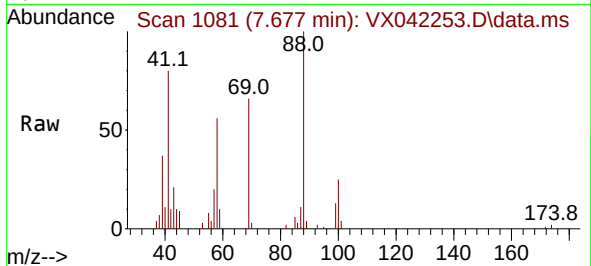
#45
1,4-Dioxane
Concen: 367.331 ug/l m
RT: 7.677 min Scan# 1081
Delta R.T. 0.012 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 88 Resp: 15654
Ion Ratio Lower Upper
88 100
43 12.7 23.2 34.8
58 44.6 52.6 78.8

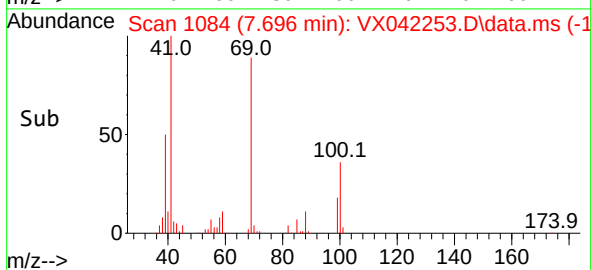
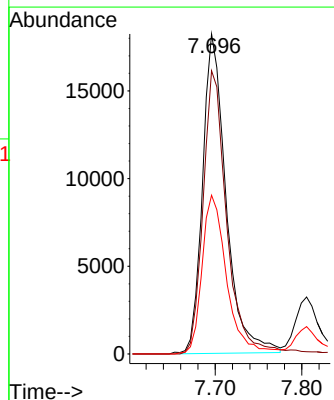
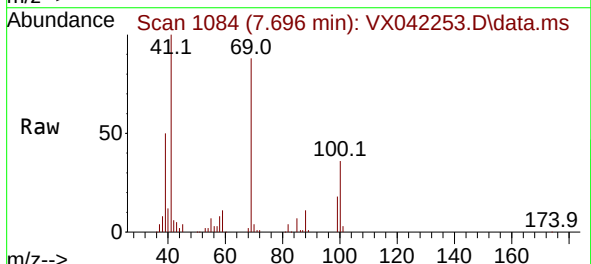
Manual Integrations
APPROVED

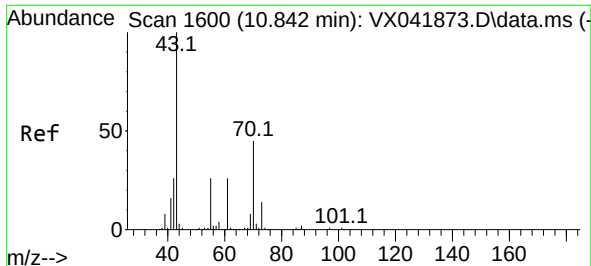
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#46
Methyl methacrylate
Concen: 20.085 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

Tgt Ion: 41 Resp: 34333
Ion Ratio Lower Upper
41 100
69 88.9 44.4 133.1
39 49.5 25.5 76.5





#47

n-amy1 Acetate

Concen: 19.299 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX042253.D

Acq: 09 Jul 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 6055

Ion Ratio Lower Upper

43 100

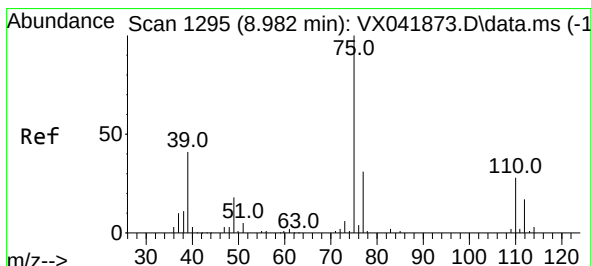
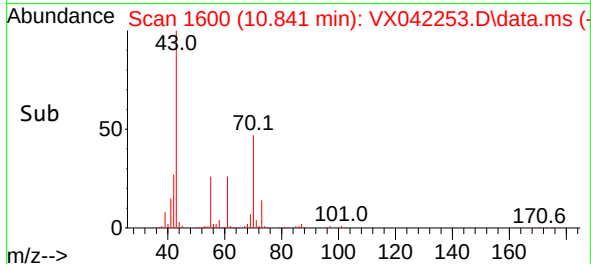
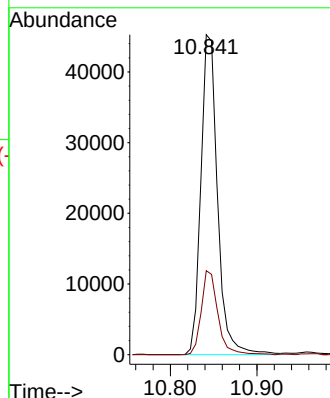
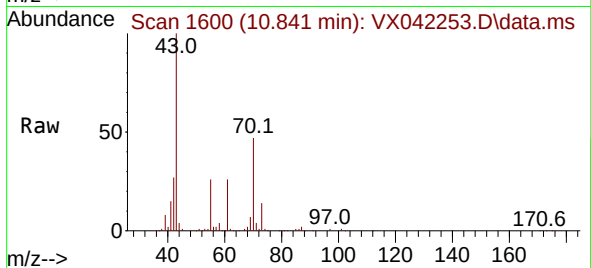
55 26.0 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#48

t-1,3-Dichloropropene

Concen: 19.469 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX042253.D

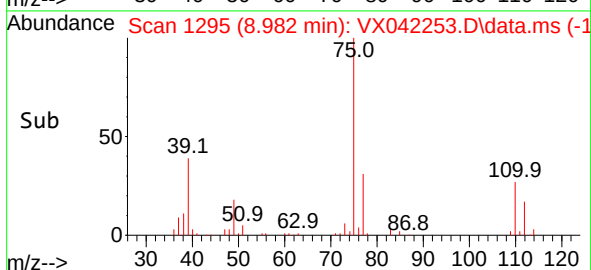
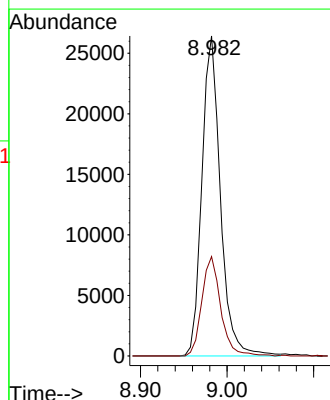
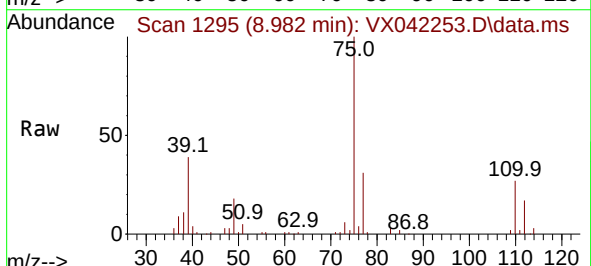
Acq: 09 Jul 2024 17:46

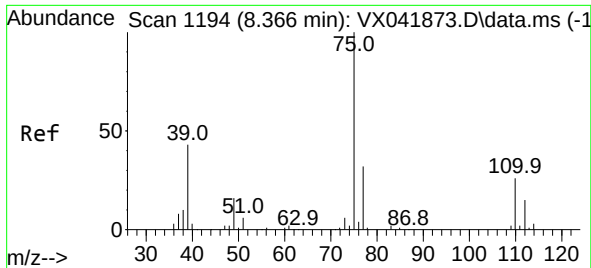
Tgt Ion: 75 Resp: 39276

Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 19.835 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX042253.D

Acq: 09 Jul 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 4488

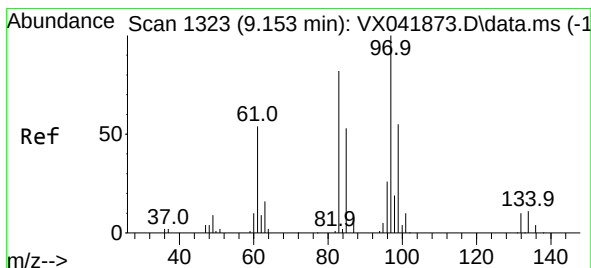
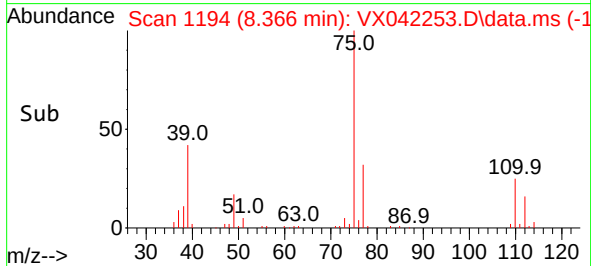
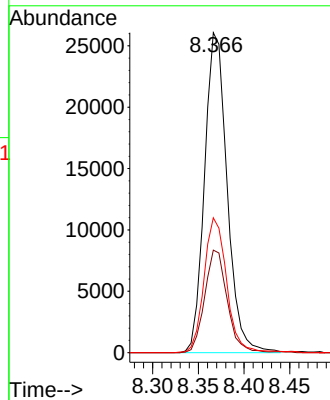
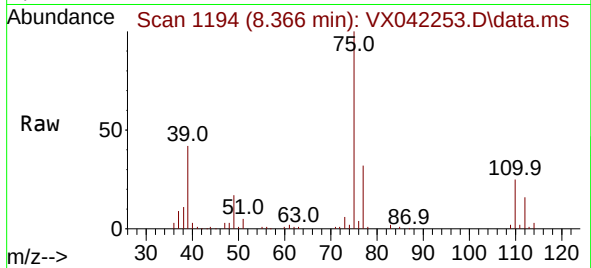
Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.8	38.8
39	42.0	34.8	52.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#50

1,1,2-Trichloroethane

Concen: 21.032 ug/l

RT: 9.153 min Scan# 1323

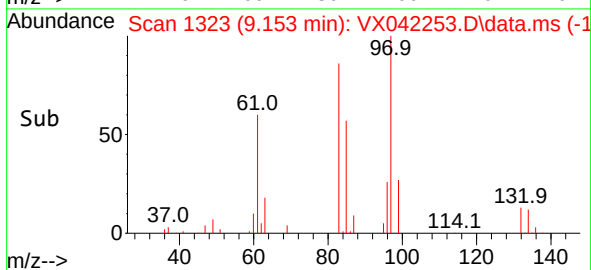
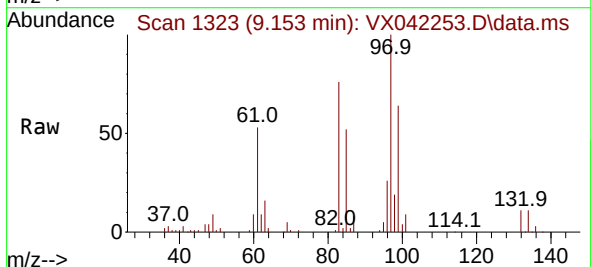
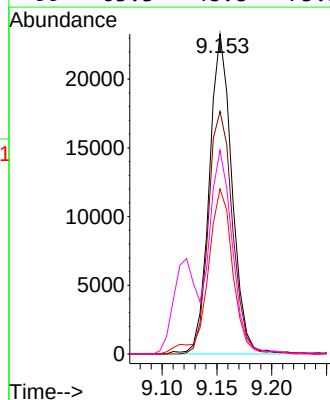
Delta R.T. -0.000 min

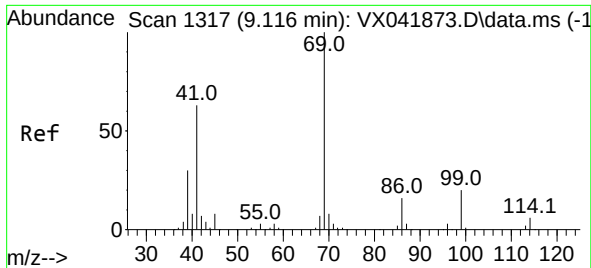
Lab File: VX042253.D

Acq: 09 Jul 2024 17:46

Tgt Ion: 97 Resp: 33447

Ion	Ratio	Lower	Upper
97	100		
83	76.2	65.9	98.9
85	51.5	42.9	64.3
99	63.3	48.8	73.2





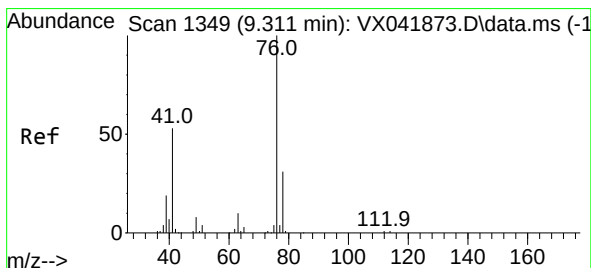
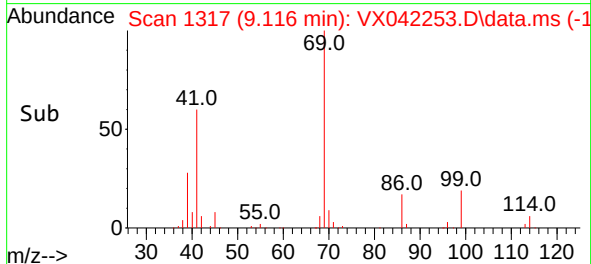
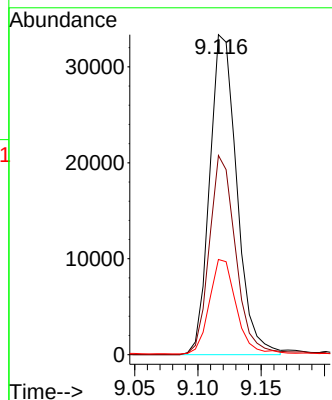
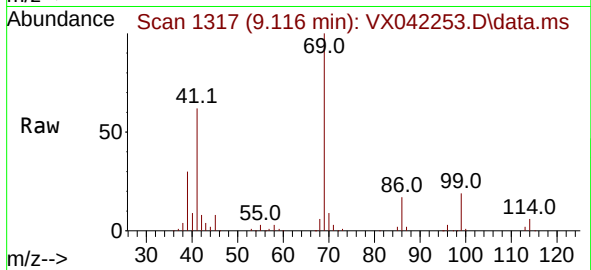
#51
Ethyl methacrylate
Concen: 19.746 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 69 Resp: 4988
Ion Ratio Lower Upper
69 100
41 62.3 31.6 94.7
39 29.5 15.3 45.8

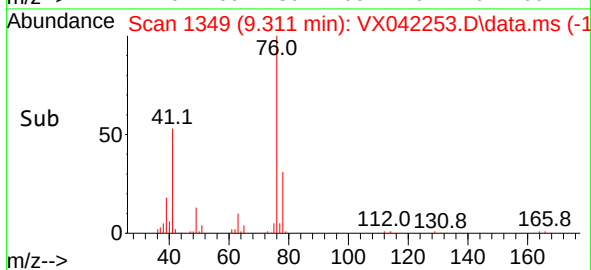
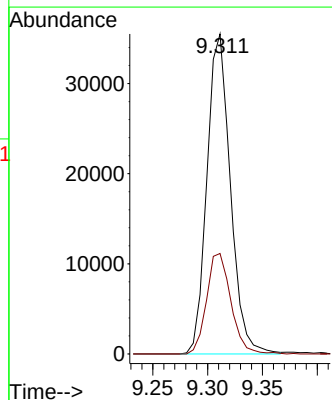
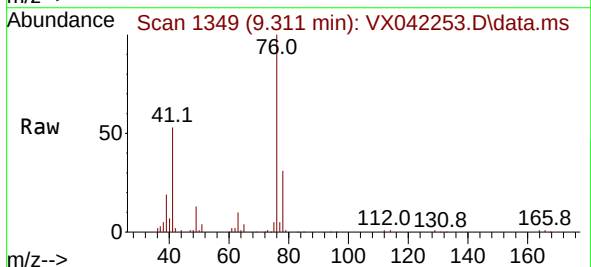
Manual Integrations
APPROVED

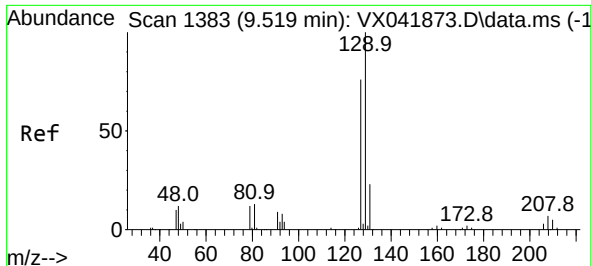
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#52
1,3-Dichloropropane
Concen: 20.313 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

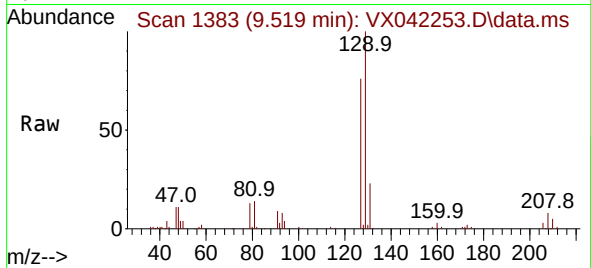
Tgt Ion: 76 Resp: 52809
Ion Ratio Lower Upper
76 100
78 32.4 0.0 66.0





#53
Dibromochloromethane
Concen: 20.419 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

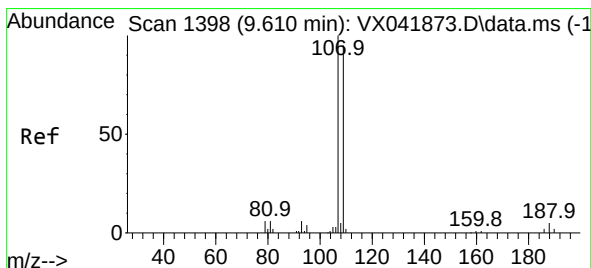
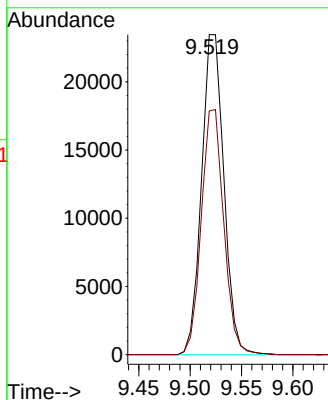
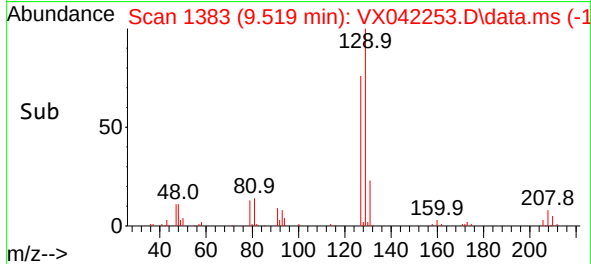
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:129 Resp: 3553
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4

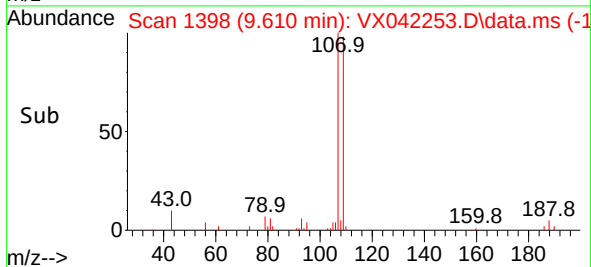
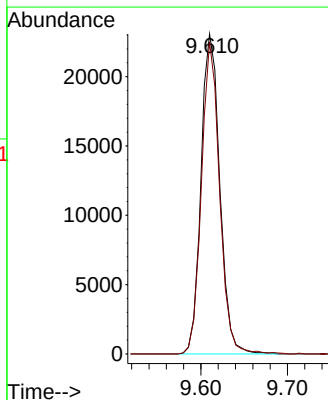
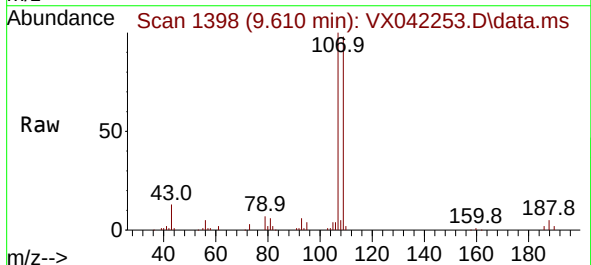
Manual Integrations
APPROVED

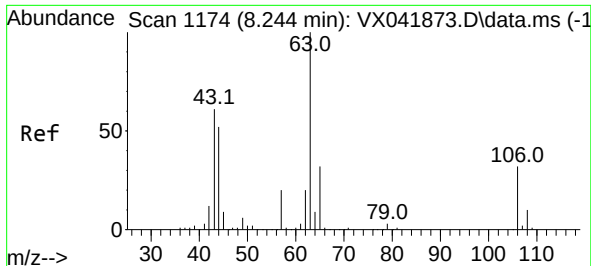
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#54
1,2-Dibromoethane
Concen: 20.750 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

Tgt Ion:107 Resp: 34797
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5





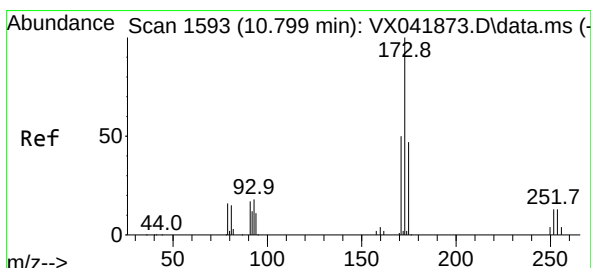
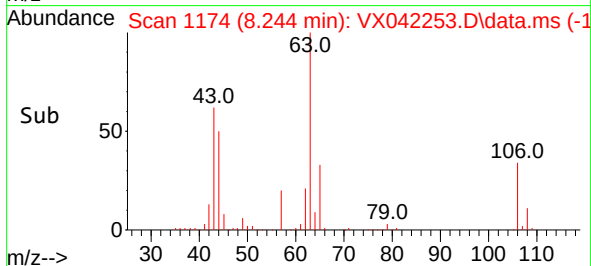
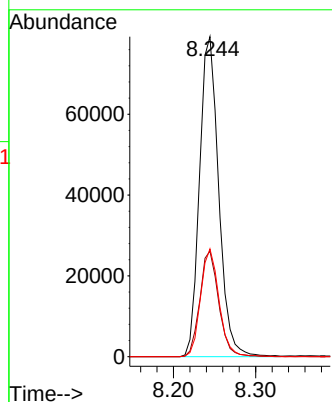
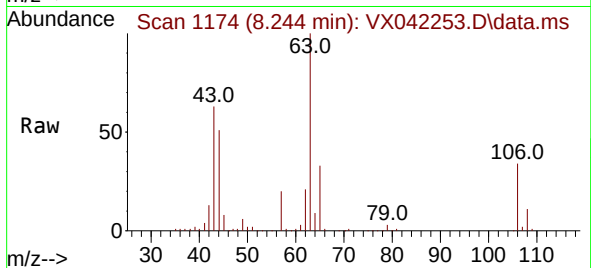
#55
2-Chloroethyl vinyl ether
Concen: 109.195 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 128399
Ion Ratio Lower Upper
63 100
65 32.4 25.7 38.5
106 32.4 25.3 37.9

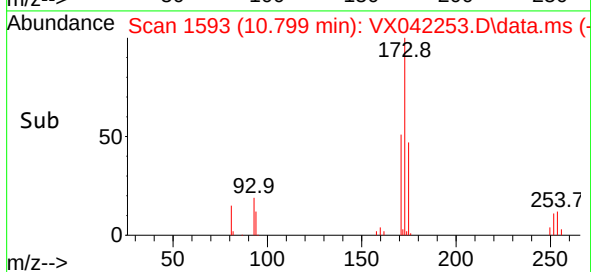
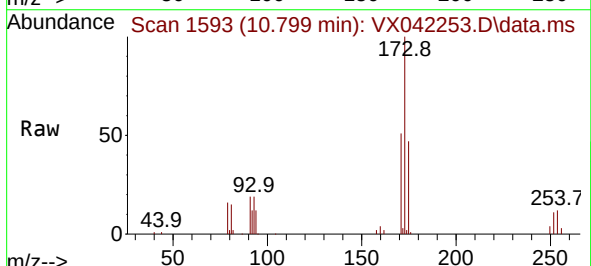
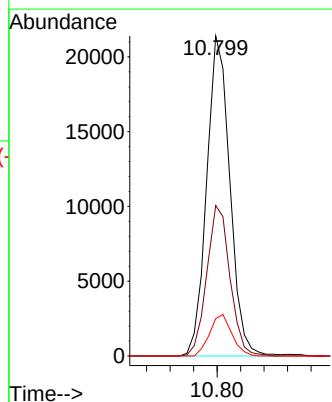
Manual Integrations
APPROVED

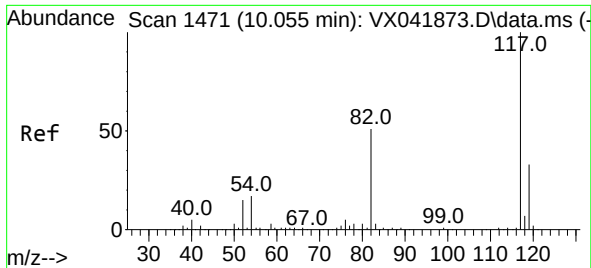
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#56
Bromoform
Concen: 20.662 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

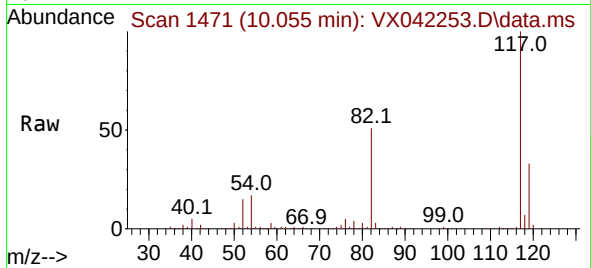
Tgt Ion:173 Resp: 29321
Ion Ratio Lower Upper
173 100
175 47.0 39.3 58.9
254 12.4 9.6 14.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

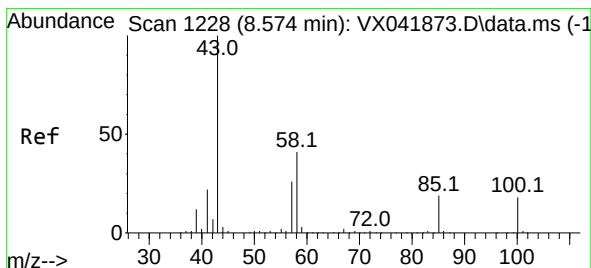
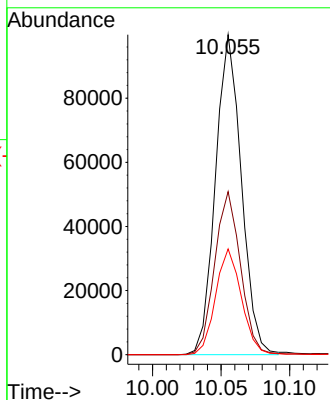
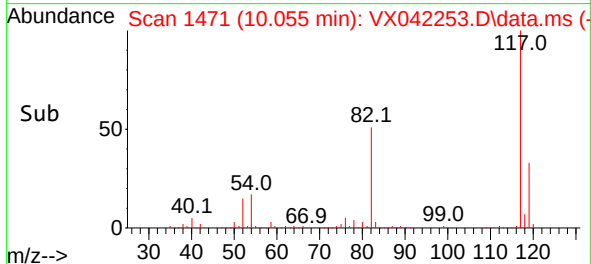
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



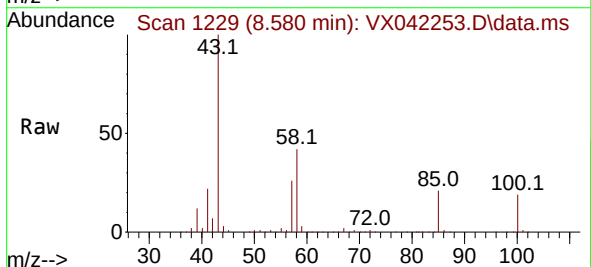
Tgt Ion: 117 Resp: 131034
Ion Ratio Lower Upper
117 100
82 51.1 41.1 61.7
119 33.0 26.1 39.1

Manual Integrations
APPROVED

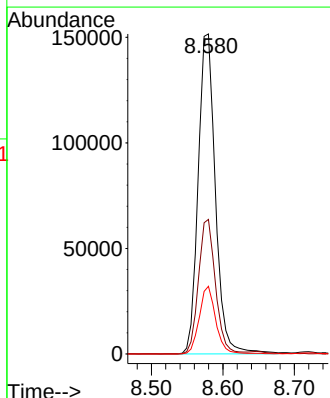
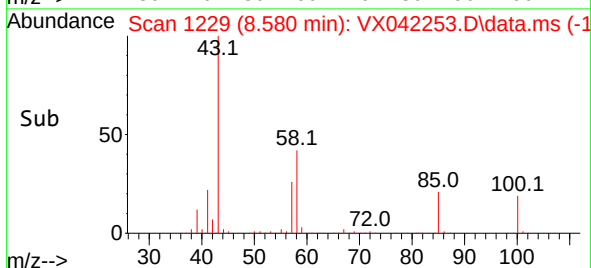
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

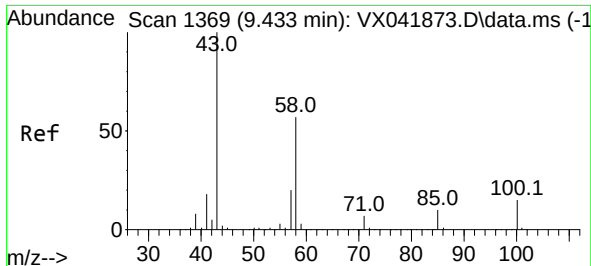


#58
4-Methyl-2-Pentanone
Concen: 108.308 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46



Tgt Ion: 43 Resp: 254309
Ion Ratio Lower Upper
43 100
58 41.5 33.2 49.8
85 20.2 15.5 23.3





#59

2-Hexanone

Concen: 108.035 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX042253.D

Acq: 09 Jul 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 19579

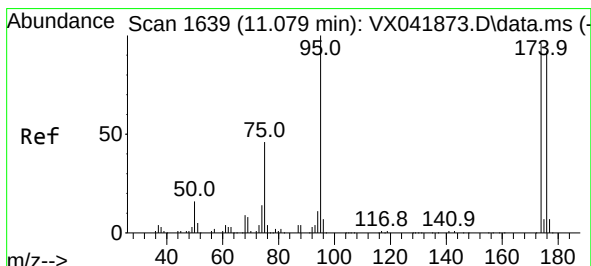
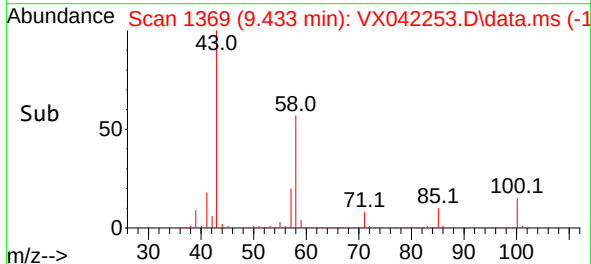
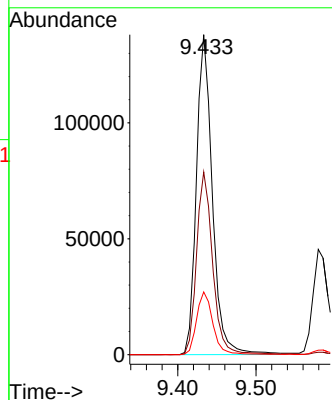
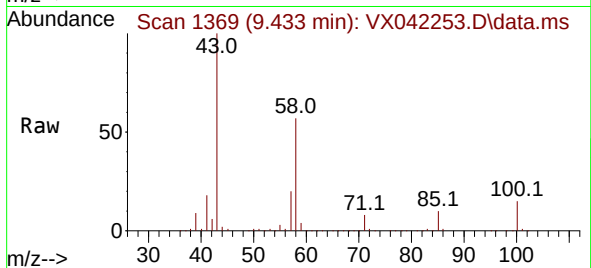
Ion	Ratio	Lower	Upper
43	100		
58	57.7	46.0	69.0
57	20.1	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#60

4-Bromofluorobenzene

Concen: 30.909 ug/l

RT: 11.079 min Scan# 1639

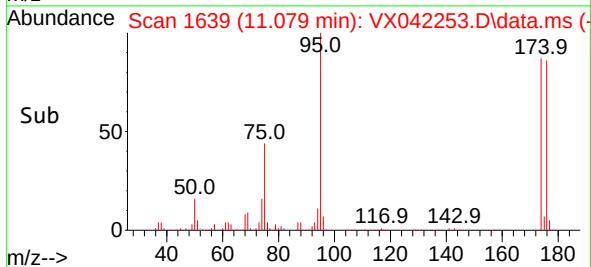
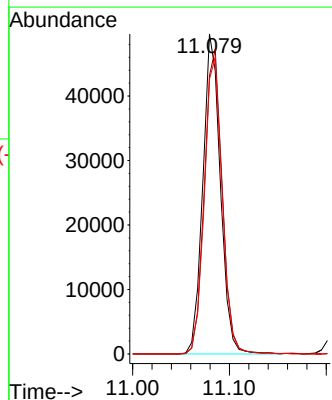
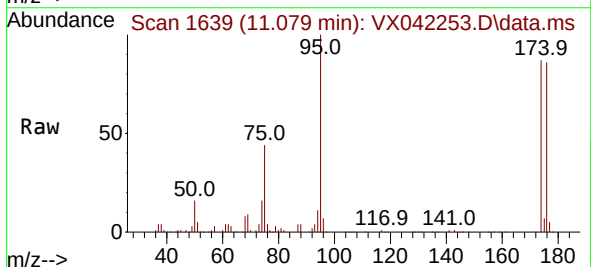
Delta R.T. -0.000 min

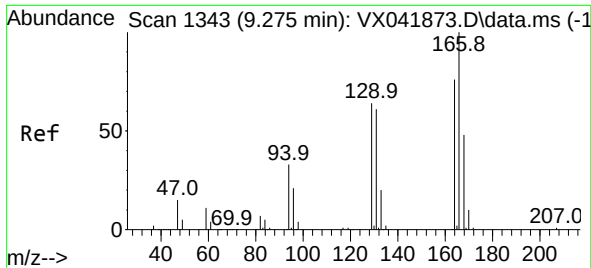
Lab File: VX042253.D

Acq: 09 Jul 2024 17:46

Tgt Ion: 95 Resp: 62692

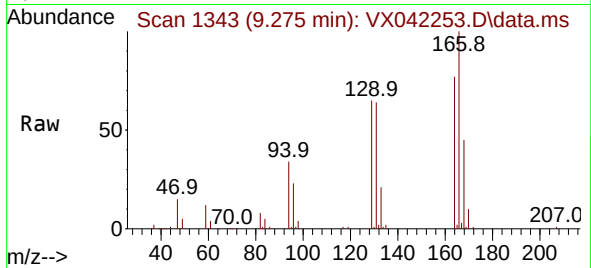
Ion	Ratio	Lower	Upper
95	100		
174	97.0	78.9	118.3
176	94.3	77.1	115.7





#61
Tetrachloroethene
Concen: 19.714 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

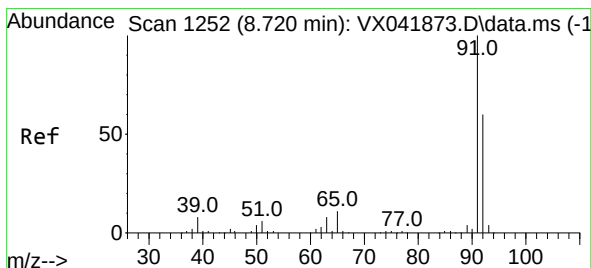
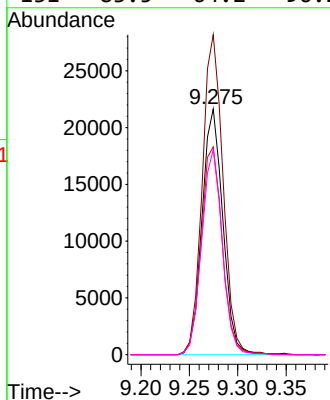
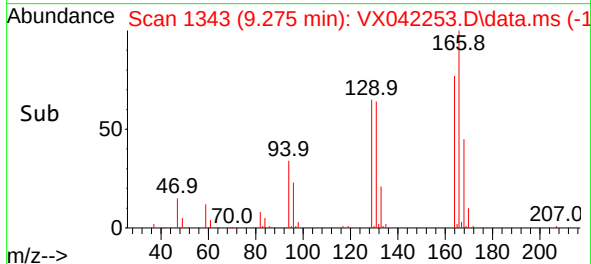
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 3250
Ion Ratio Lower Upper
164 100
166 130.2 105.0 157.6
129 84.6 67.1 100.7
131 83.5 64.2 96.2

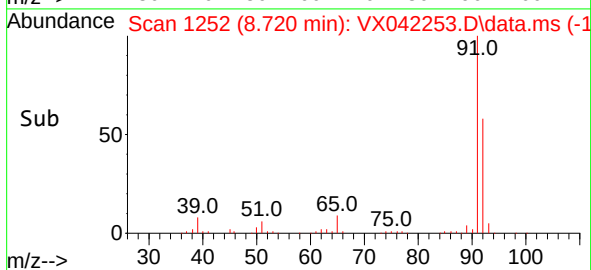
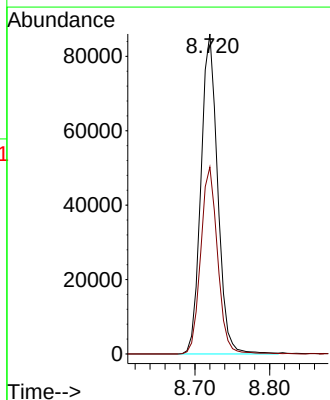
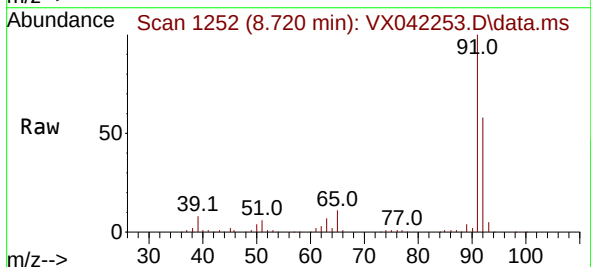
Manual Integrations
APPROVED

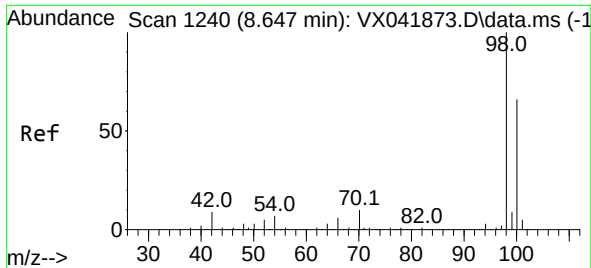
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#62
Toluene
Concen: 20.170 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

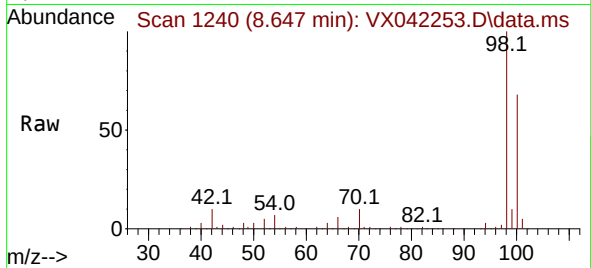
Tgt Ion: 91 Resp: 133743
Ion Ratio Lower Upper
91 100
92 58.6 47.4 71.2





#63
Toluene-d8
Concen: 30.233 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

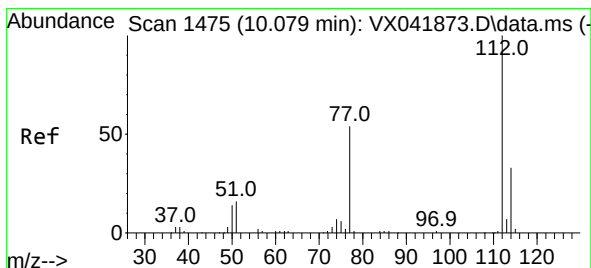
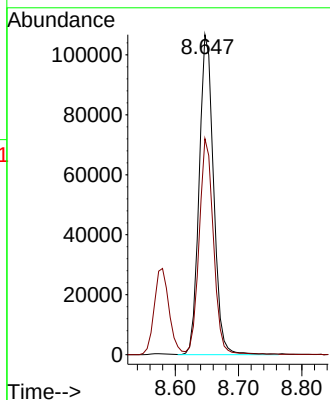
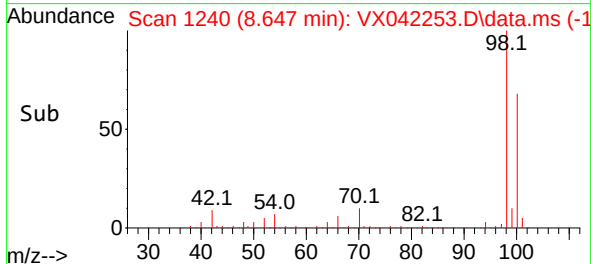
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



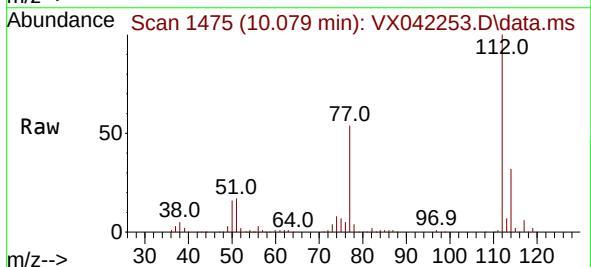
Tgt Ion: 98 Resp: 16948
Ion Ratio Lower Upper
98 100
100 67.1 52.7 79.1

Manual Integrations
APPROVED

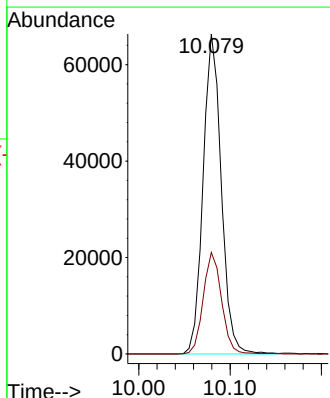
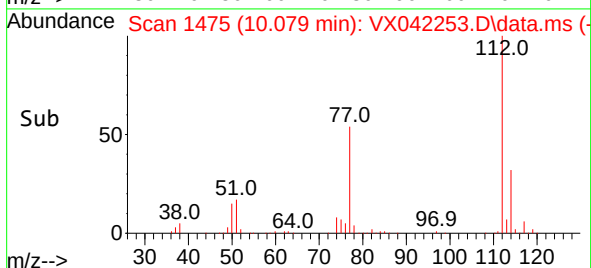
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

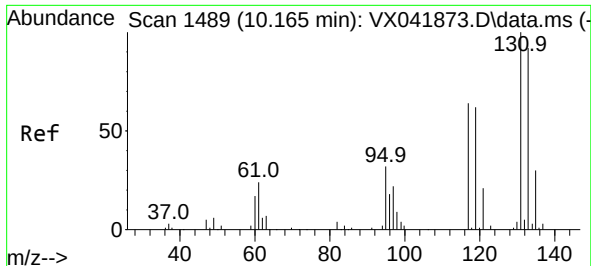


#64
Chlorobenzene
Concen: 20.226 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46



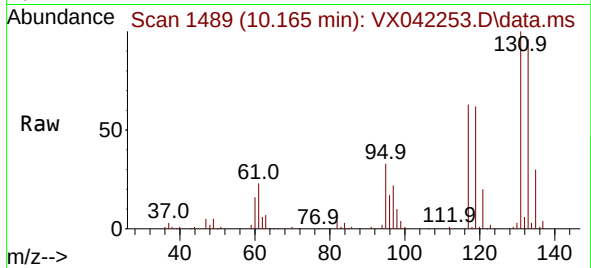
Tgt Ion:112 Resp: 91325
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.4





#65
1,1,1,2-Tetrachloroethane
Concen: 20.679 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

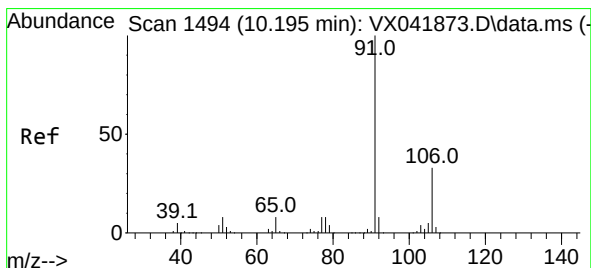
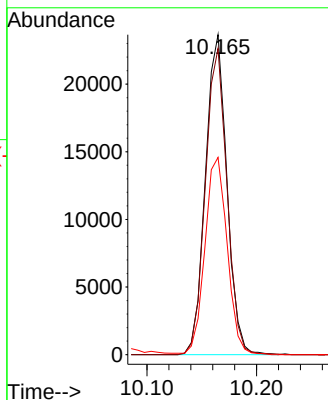
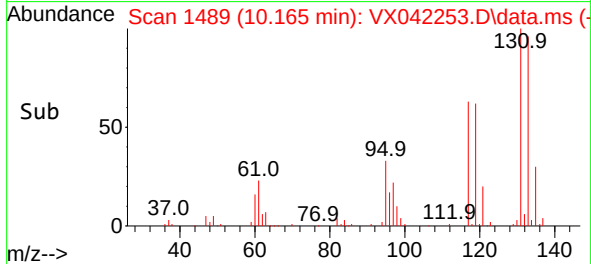
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 32248
Ion Ratio Lower Upper
131 100
133 96.1 0.0 194.8
119 63.8 0.0 127.6

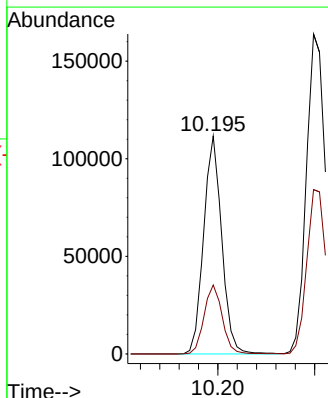
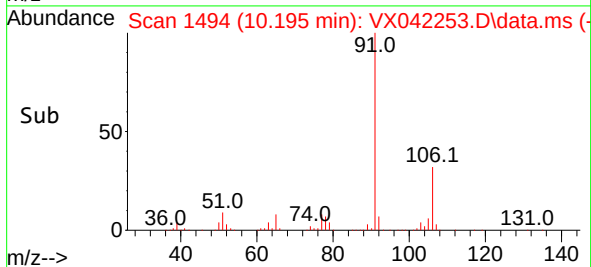
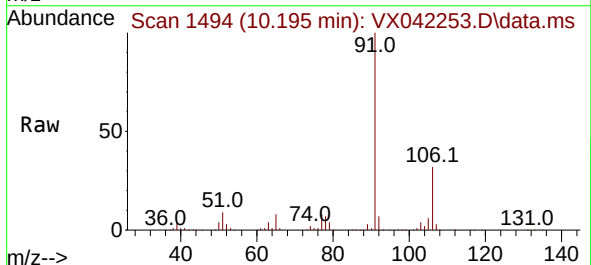
Manual Integrations
APPROVED

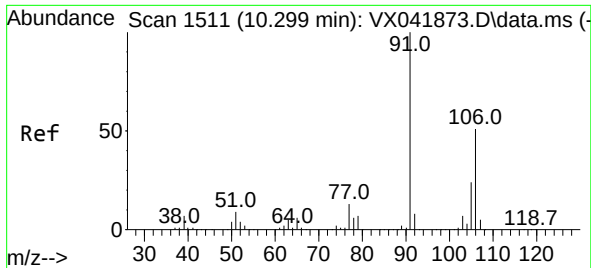
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#66
Ethyl Benzene
Concen: 20.084 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

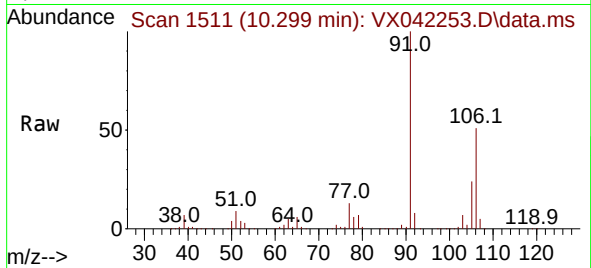
Tgt Ion: 91 Resp: 145596
Ion Ratio Lower Upper
91 100
106 31.6 26.4 39.6





#67
m/p-Xylenes
Concen: 40.781 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

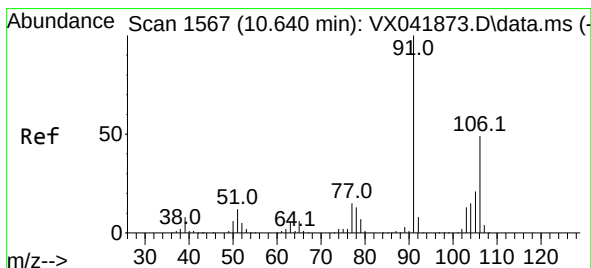
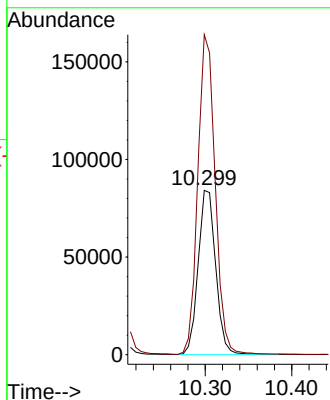
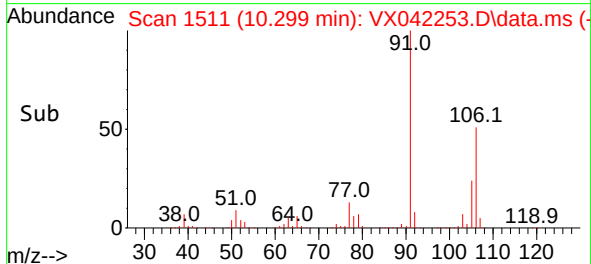
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



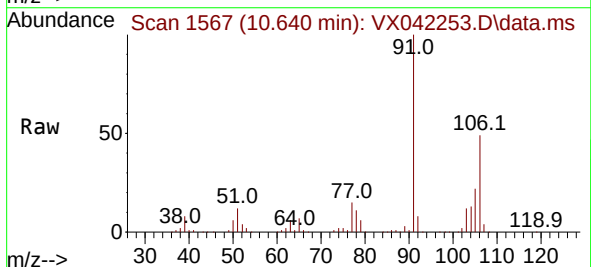
Tgt Ion:106 Resp: 118914
Ion Ratio Lower Upper
106 100
91 192.1 157.0 235.6

Manual Integrations
APPROVED

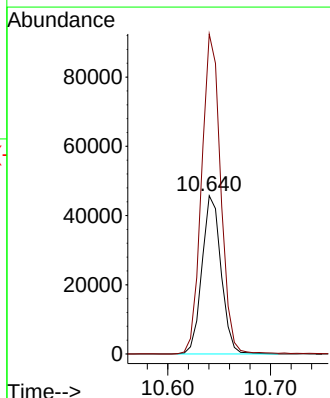
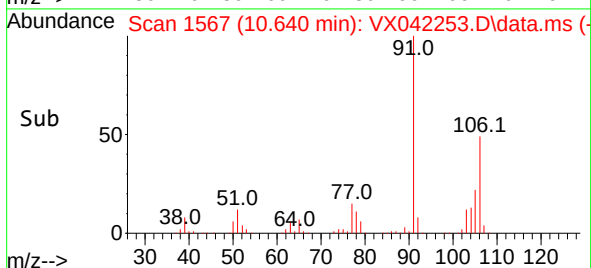
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

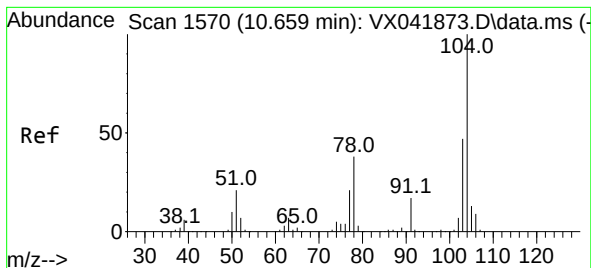


#68
o-Xylene
Concen: 20.354 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46



Tgt Ion:106 Resp: 59171
Ion Ratio Lower Upper
106 100
91 202.5 103.2 309.6





#69

Styrene

Concen: 20.437 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX042253.D

Acq: 09 Jul 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

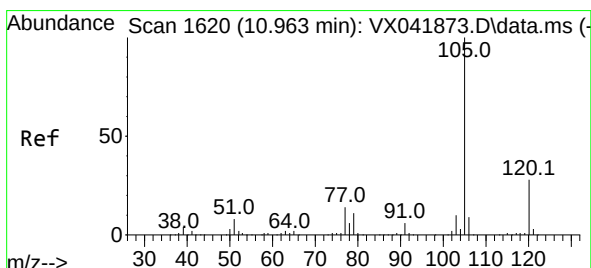
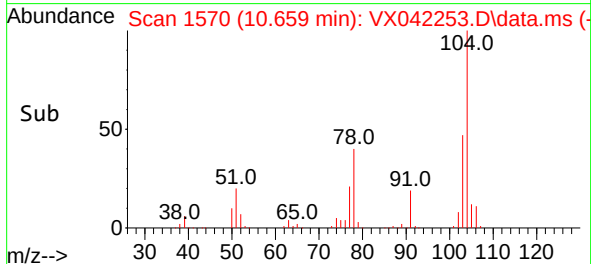
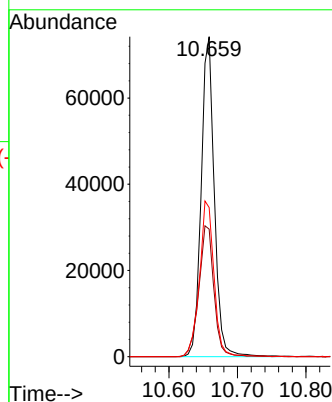
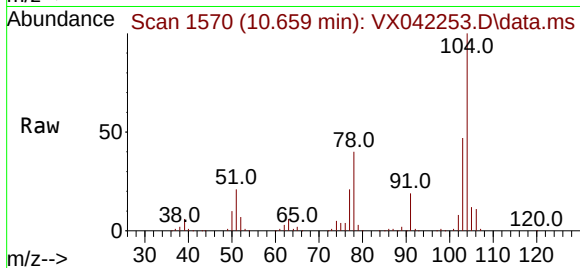
Tgt Ion:	104	Resp:	99284
Ion Ratio	Lower	Upper	
104	100		
78	46.6	36.5	54.7
103	53.4	43.4	65.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#70

Isopropylbenzene

Concen: 20.322 ug/l

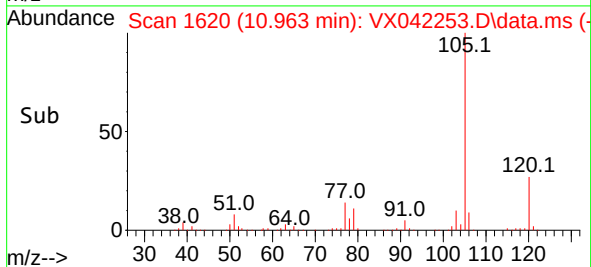
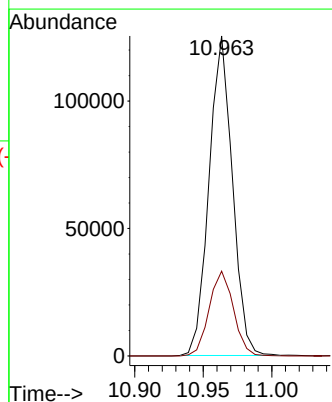
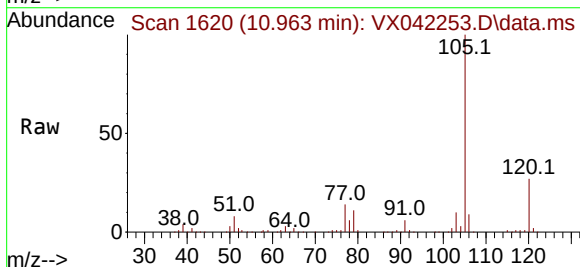
RT: 10.963 min Scan# 1620

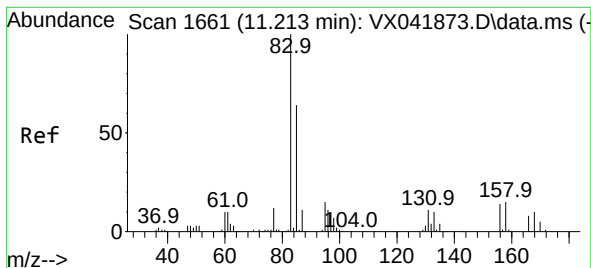
Delta R.T. -0.000 min

Lab File: VX042253.D

Acq: 09 Jul 2024 17:46

Tgt Ion:	105	Resp:	148546
Ion Ratio	Lower	Upper	
105	100		
120	27.6	19.2	35.6





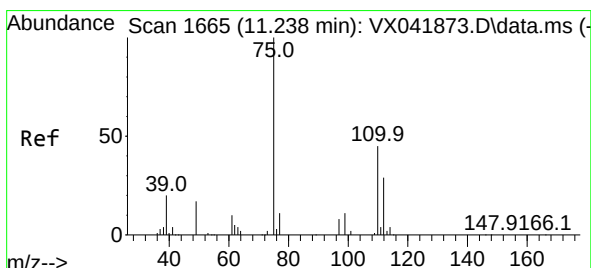
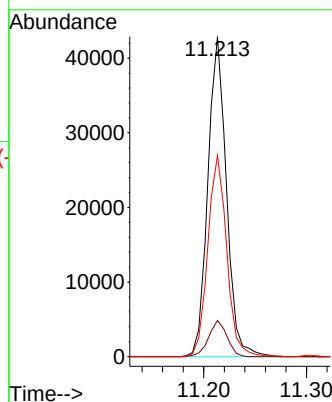
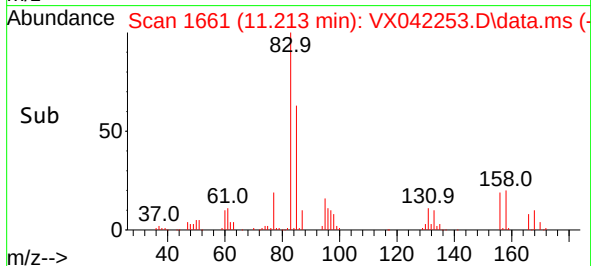
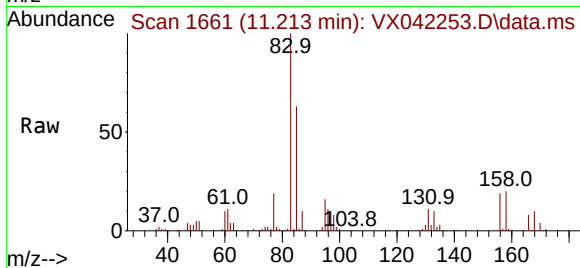
#71
1,1,2,2-Tetrachloroethane
Concen: 21.275 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 5382
Ion Ratio Lower Upper
83 100
131 11.2 5.5 16.7
85 64.2 32.6 97.7

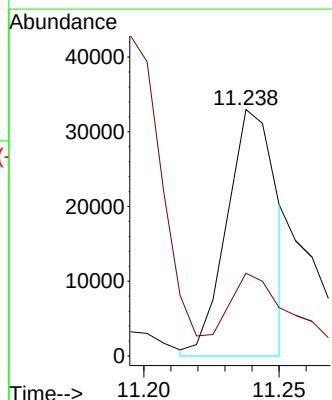
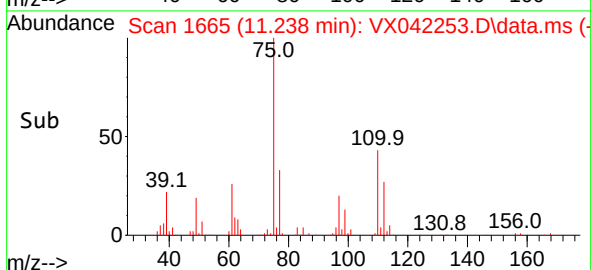
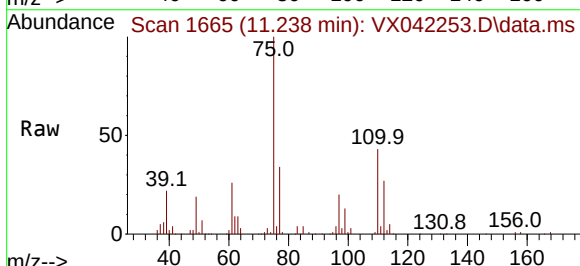
Manual Integrations
APPROVED

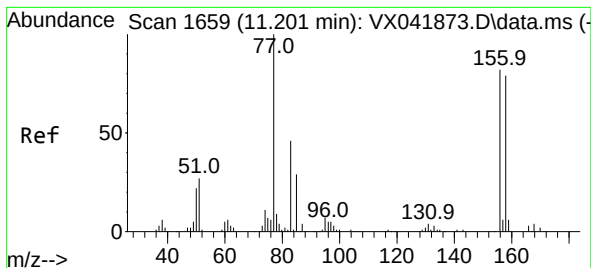
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#72
1,2,3-Trichloropropane
Concen: 20.305 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

Tgt Ion: 75 Resp: 41604
Ion Ratio Lower Upper
75 100
77 45.3 0.0 79.6





#73

Bromobenzene

Concen: 20.398 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX042253.D

Acq: 09 Jul 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

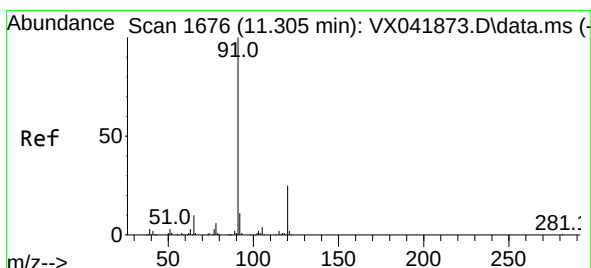
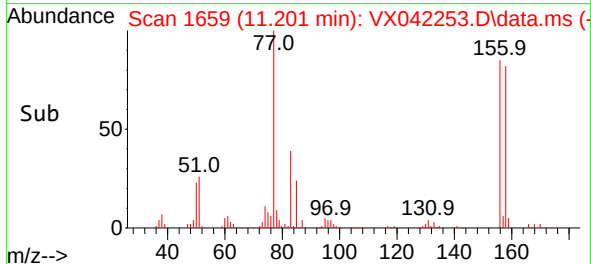
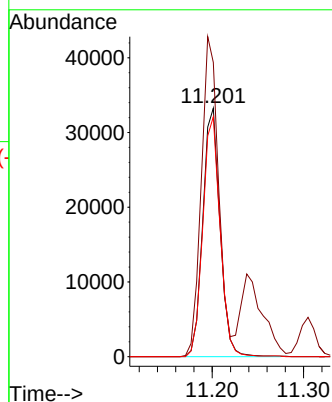
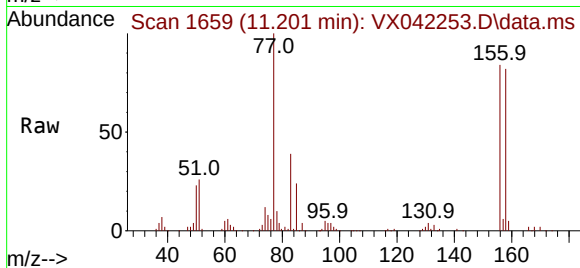
Tgt Ion:	156	Resp:	43492
Ion Ratio	Lower	Upper	
156	100		
77	128.6	0.0	266.2
158	97.0	0.0	195.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#74

n-propylbenzene

Concen: 20.280 ug/l

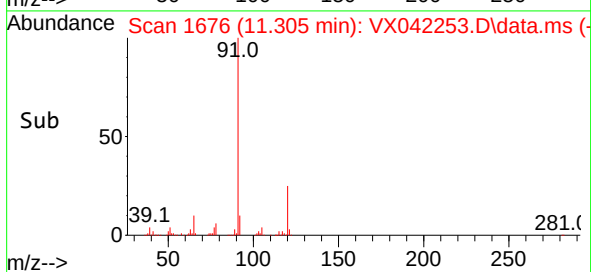
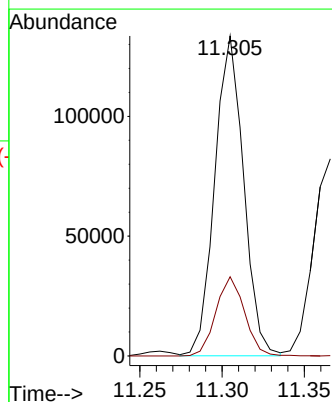
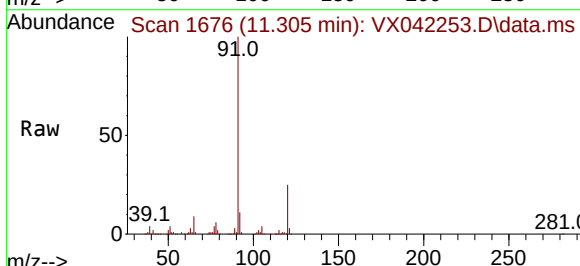
RT: 11.305 min Scan# 1676

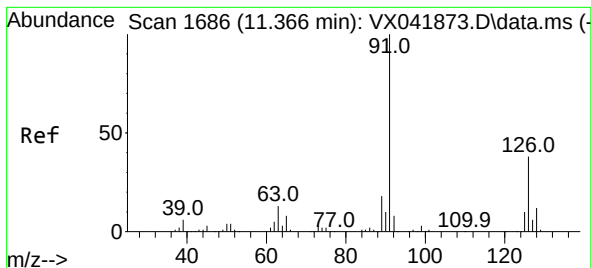
Delta R.T. -0.000 min

Lab File: VX042253.D

Acq: 09 Jul 2024 17:46

Tgt Ion:	91	Resp:	162841
Ion Ratio	Lower	Upper	
91	100		
120	24.6	0.0	49.6





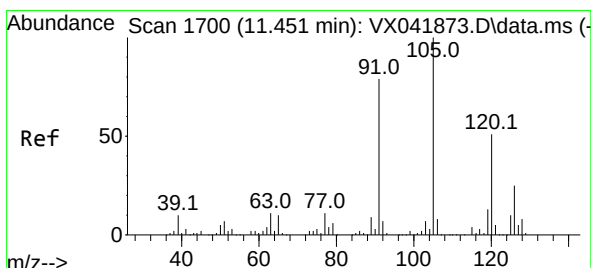
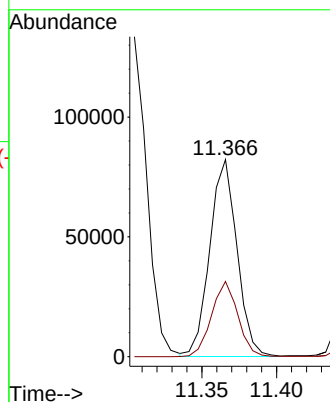
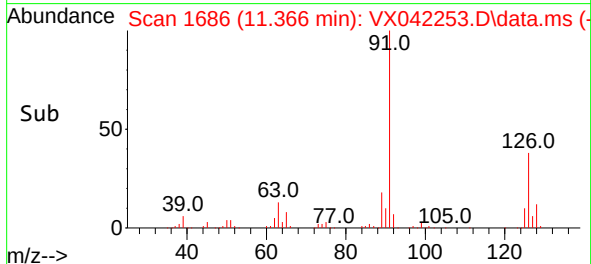
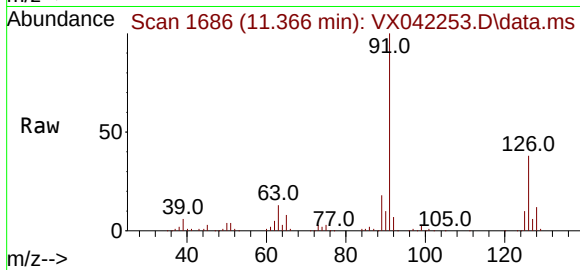
#75
2-Chlorotoluene
Concen: 20.402 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 10402
Ion Ratio Lower Upper
91 100
126 36.9 0.0 72.6

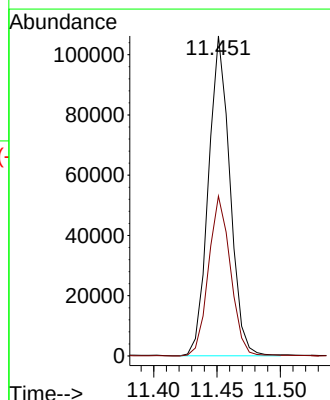
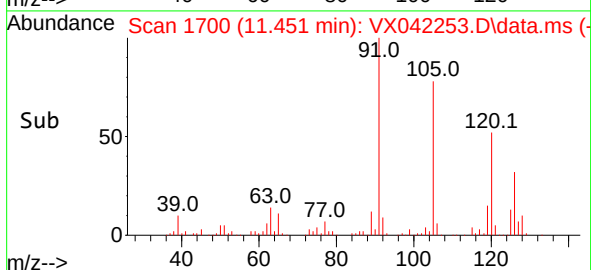
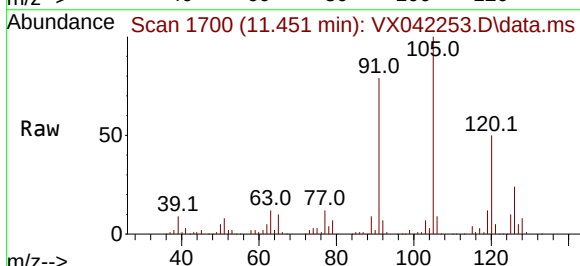
Manual Integrations
APPROVED

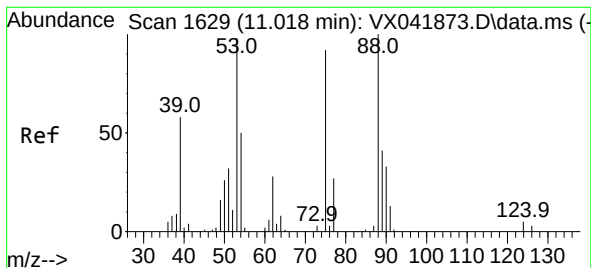
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#76
1,3,5-Trimethylbenzene
Concen: 20.476 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

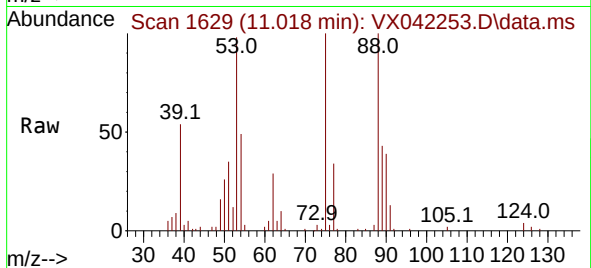
Tgt Ion:105 Resp: 125389
Ion Ratio Lower Upper
105 100
120 51.3 0.0 103.0





#77
t-1,4-Dichloro-2-butene
Concen: 18.963 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

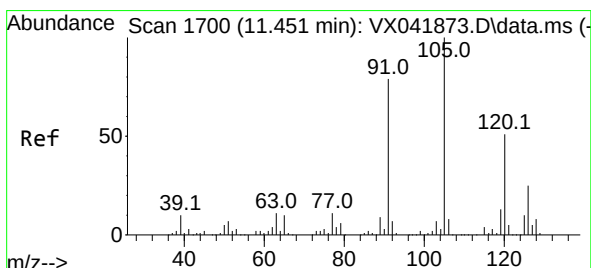
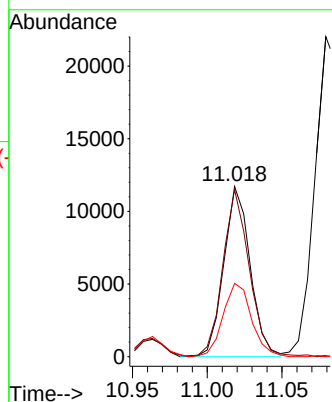
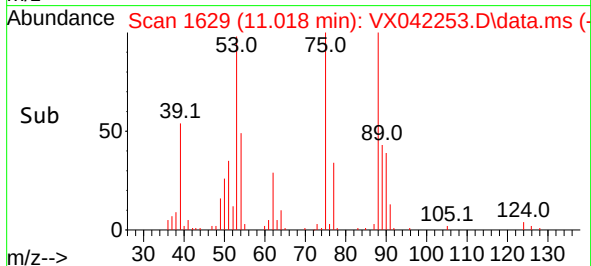
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



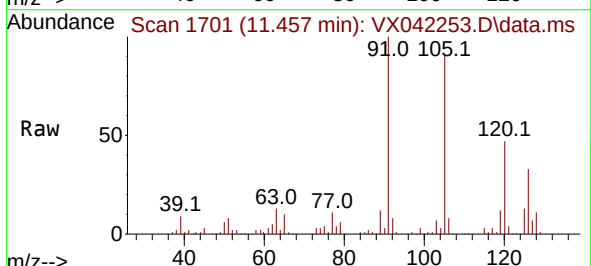
Tgt Ion: 75 Resp: 14374
Ion Ratio Lower Upper
75 100
53 97.1 53.4 160.2
89 42.0 22.5 67.5

Manual Integrations
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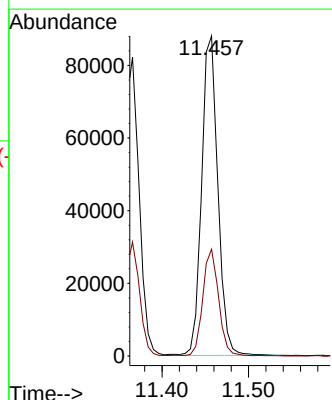
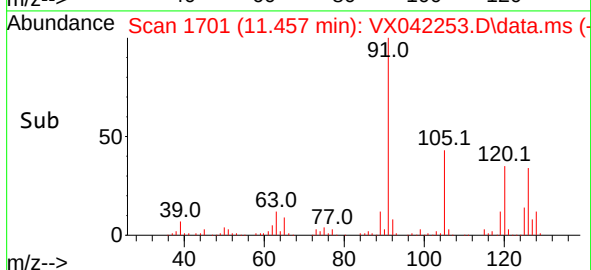
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

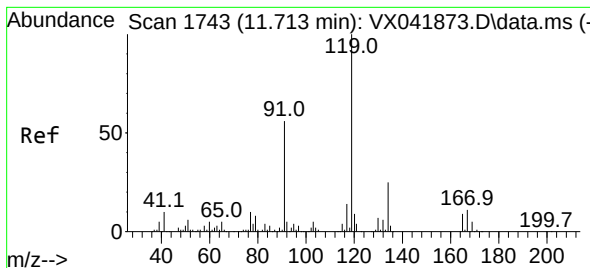


#78
4-Chlorotoluene
Concen: 20.188 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46



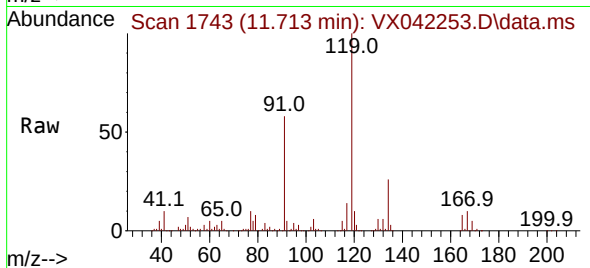
Tgt Ion: 91 Resp: 114349
Ion Ratio Lower Upper
91 100
126 32.2 0.0 64.8





#79
tert-butylbenzene
Concen: 20.507 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

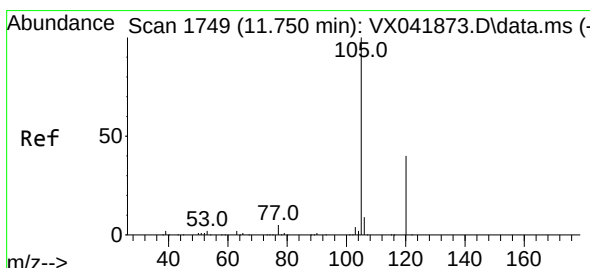
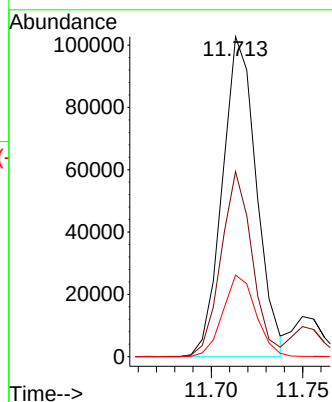
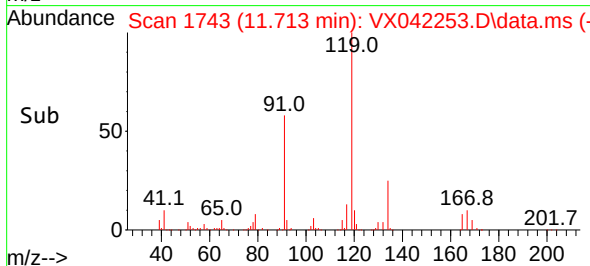
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:119 Resp: 133304
Ion Ratio Lower Upper
119 100
91 53.0 0.0 106.0
134 24.8 0.0 49.4

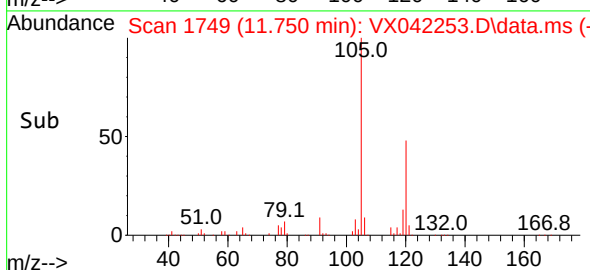
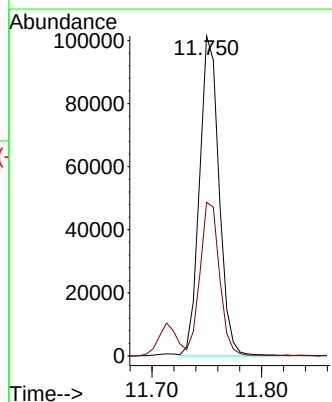
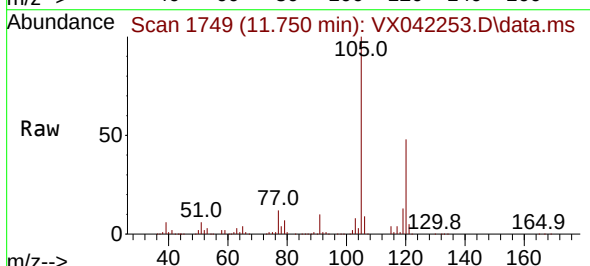
Manual Integrations
APPROVED

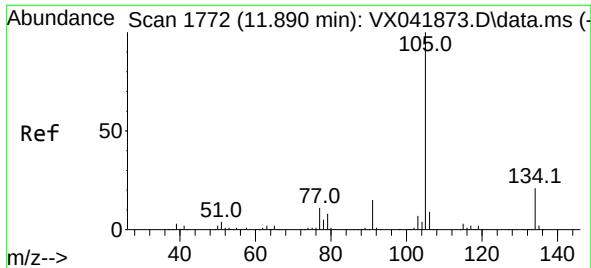
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#80
1,2,4-Trimethylbenzene
Concen: 20.585 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

Tgt Ion:105 Resp: 125937
Ion Ratio Lower Upper
105 100
120 47.9 0.0 96.2





#81
 sec-Butylbenzene
 Concen: 20.826 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX042253.D
 Acq: 09 Jul 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

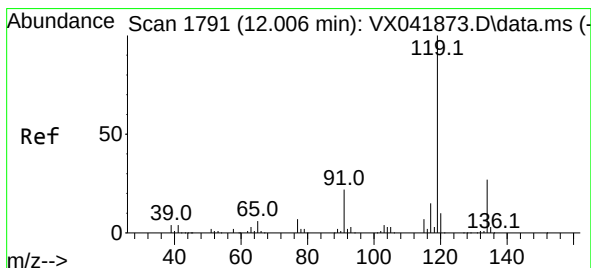
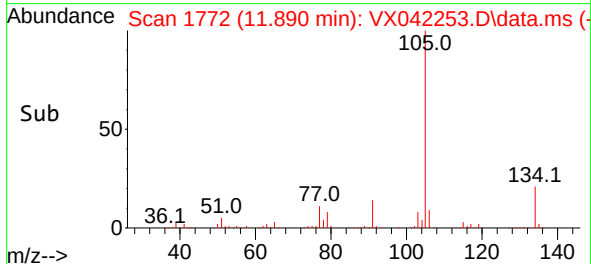
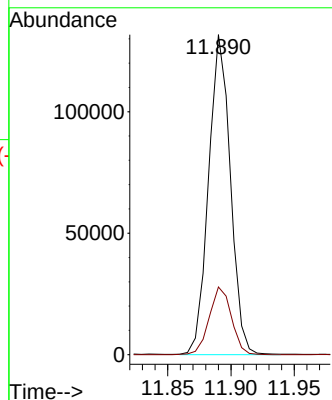
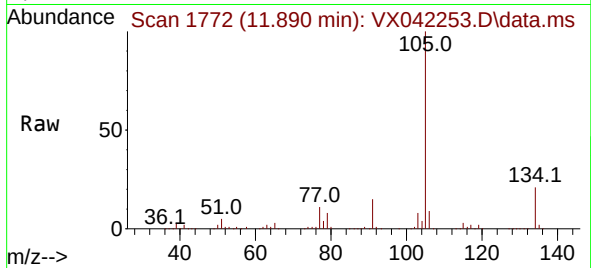
Tgt Ion:105 Resp: 157890
 Ion Ratio Lower Upper
 105 100
 134 21.6 0.0 43.2

Manual Integrations

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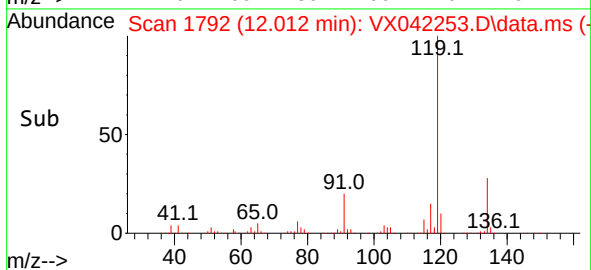
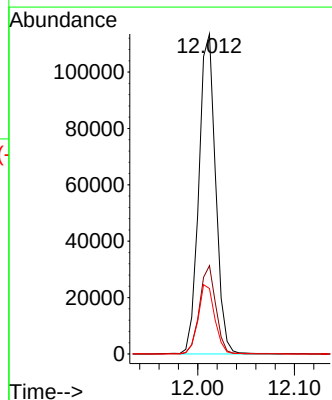
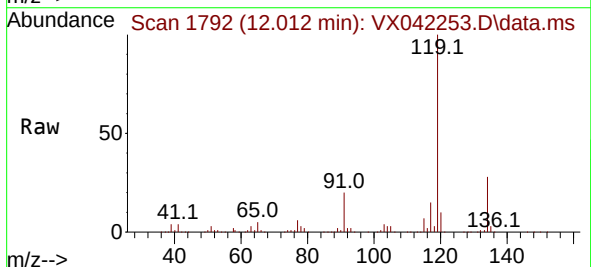
Reviewed By :John Carlone 07/10/2024

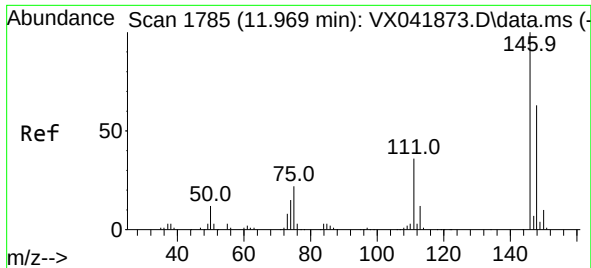
Supervised By :Mahesh Dadoda 07/10/2024



#82
 p-Isopropyltoluene
 Concen: 20.614 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX042253.D
 Acq: 09 Jul 2024 17:46

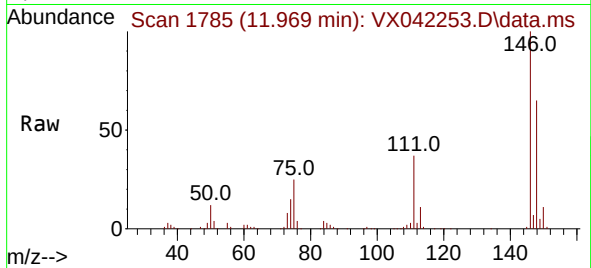
Tgt Ion:119 Resp: 136956
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 54.0
 91 21.5 0.0 42.2





#83
1,3-Dichlorobenzene
Concen: 20.163 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

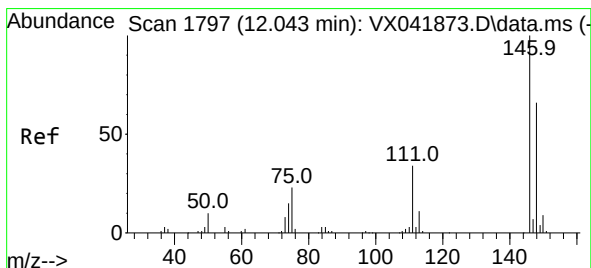
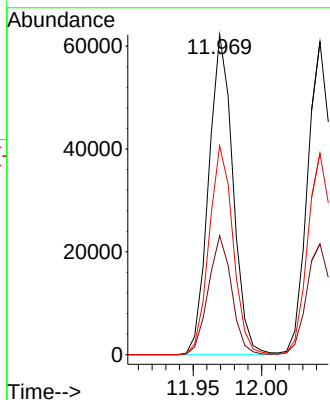
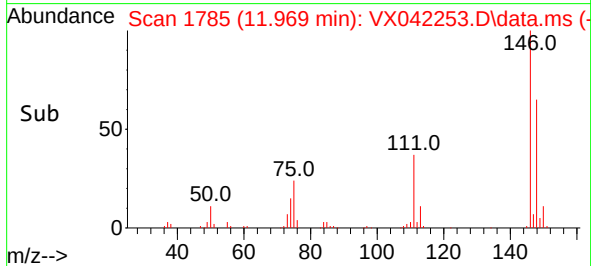
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



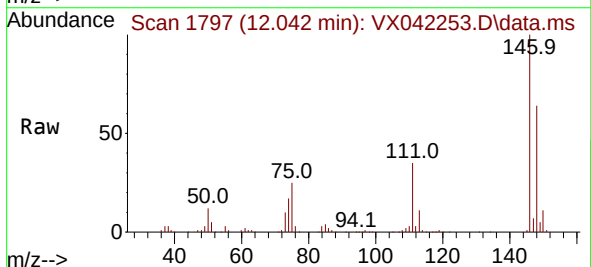
Tgt Ion:146 Resp: 7665
Ion Ratio Lower Upper
146 100
111 35.8 18.0 54.0
148 64.5 31.9 95.7

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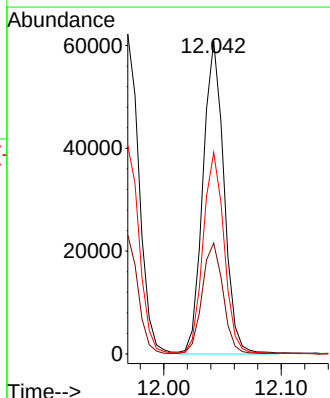
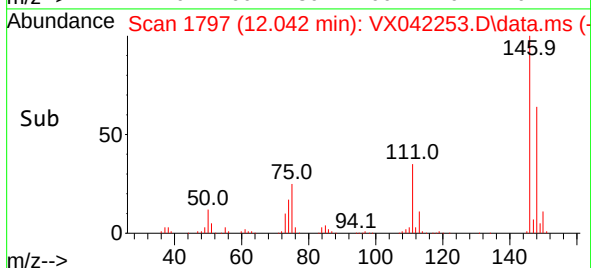
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

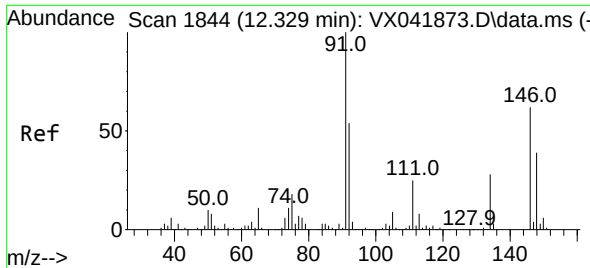


#84
1,4-Dichlorobenzene
Concen: 20.007 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46



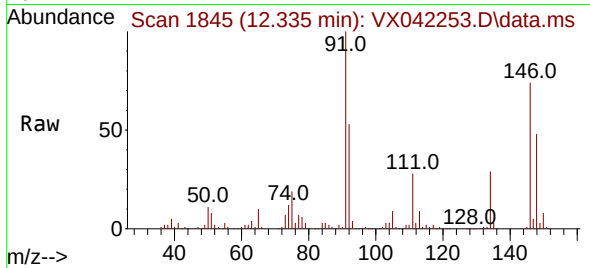
Tgt Ion:146 Resp: 75708
Ion Ratio Lower Upper
146 100
111 35.4 17.4 52.3
148 64.6 32.3 96.9





#85
n-Butylbenzene
Concen: 19.832 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

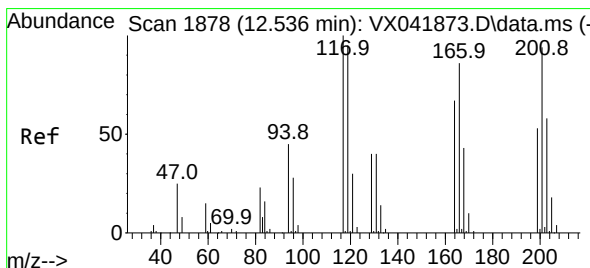
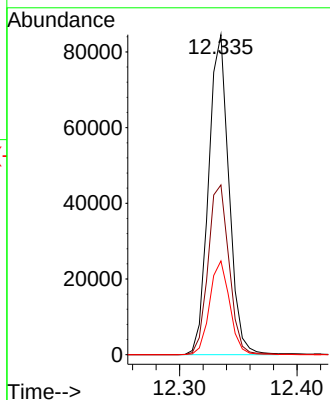
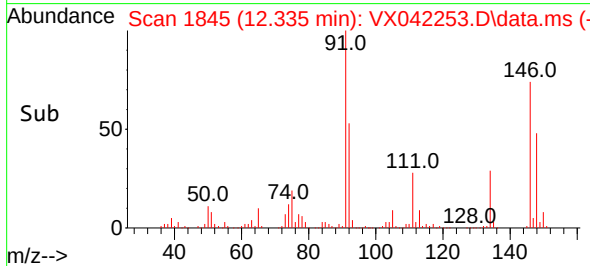
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 10188
Ion Ratio Lower Upper
91 100
92 54.6 0.0 109.8
134 28.7 0.0 58.4

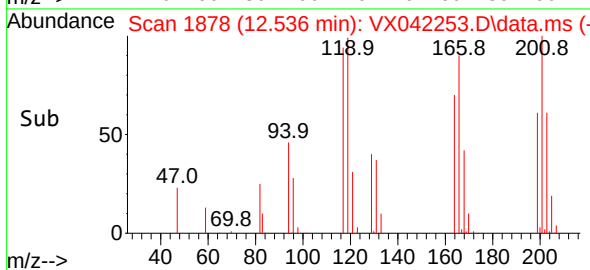
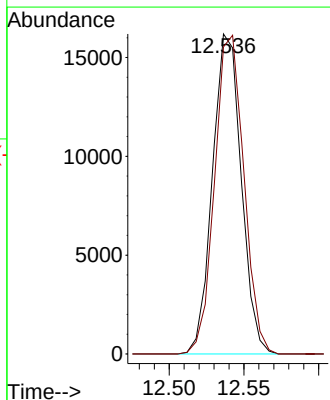
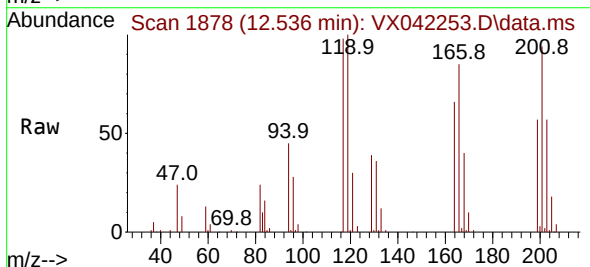
Manual Integrations
APPROVED

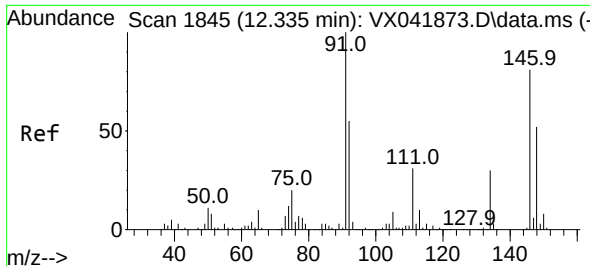
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#86
Hexachloroethane
Concen: 19.964 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

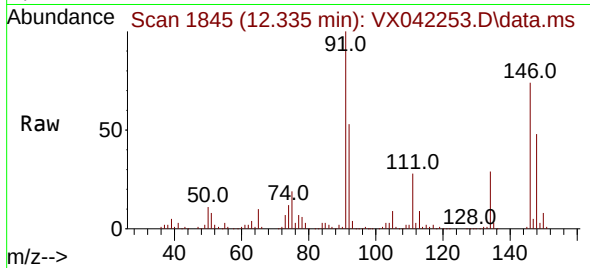
Tgt Ion:117 Resp: 21661
Ion Ratio Lower Upper
117 100
201 101.3 48.9 146.8





#87
1,2-Dichlorobenzene
Concen: 20.341 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

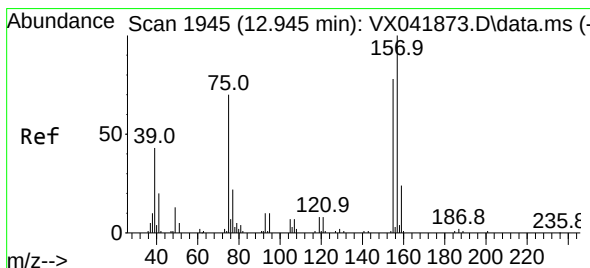
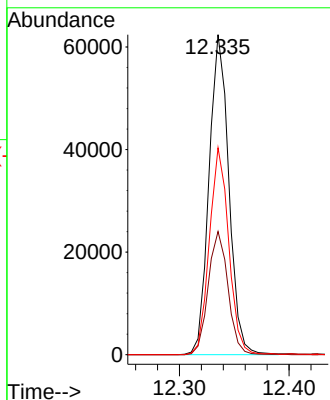
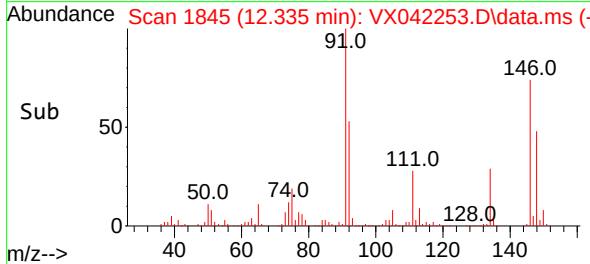
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



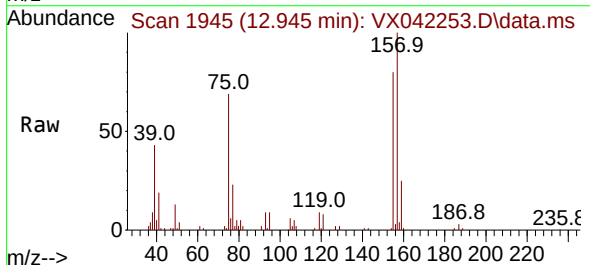
Tgt Ion:146 Resp: 7820
Ion Ratio Lower Upper
146 100
111 38.5 19.1 57.3
148 63.3 32.4 97.0

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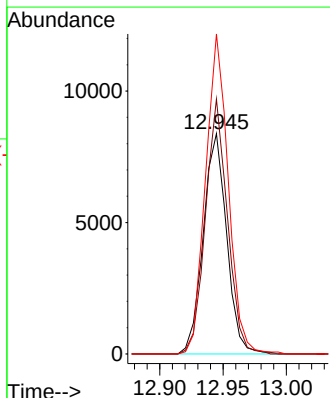
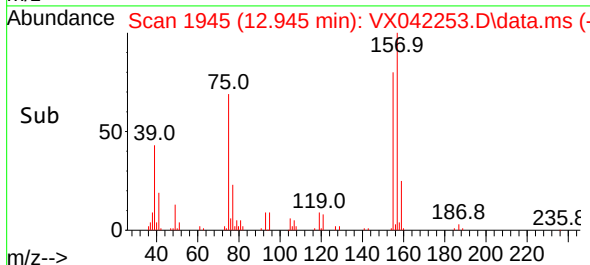
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

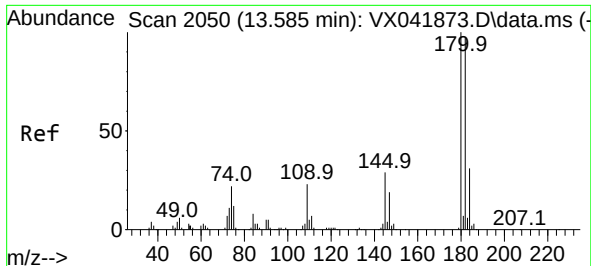


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.682 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46



Tgt Ion: 75 Resp: 10822
Ion Ratio Lower Upper
75 100
155 108.6 88.6 133.0
157 140.4 112.8 169.2





#89

1,2,4-Trichlorobenzene

Concen: 19.144 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX042253.D

Acq: 09 Jul 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

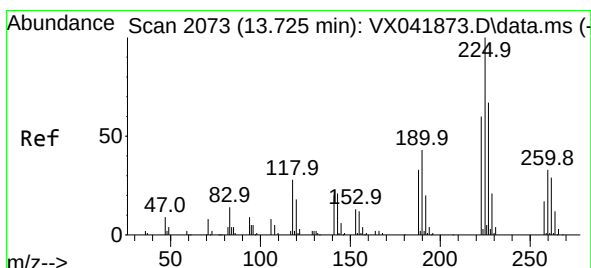
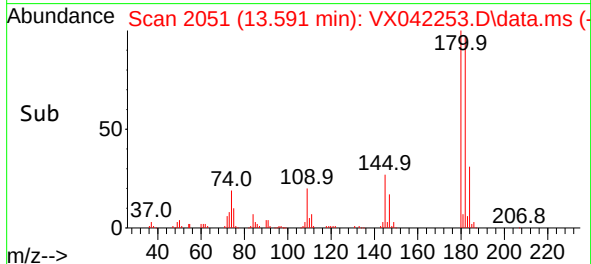
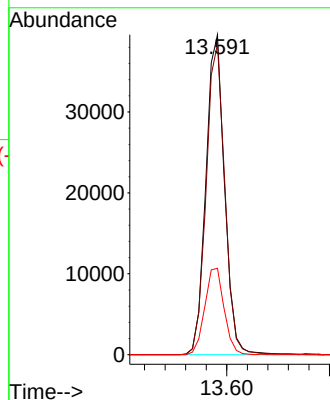
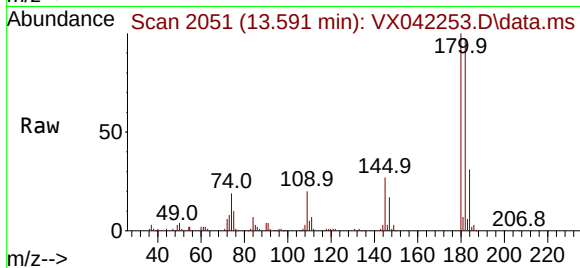
Tgt Ion:180	Resp:	4982
Ion Ratio	Lower	Upper
180	100	
182	97.4	76.9 115.3
145	28.0	22.8 34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#90

Hexachlorobutadiene

Concen: 20.579 ug/l

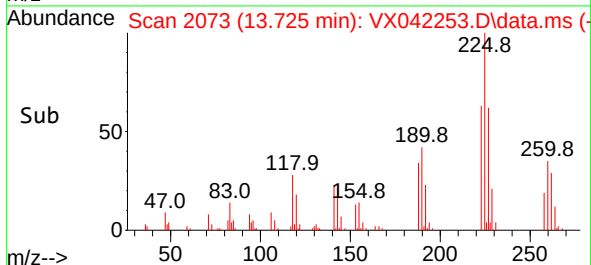
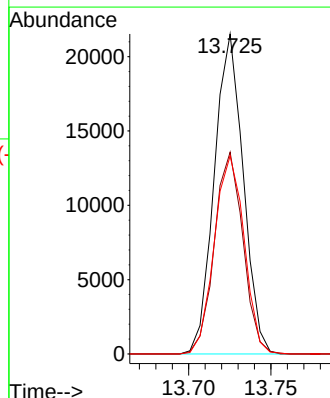
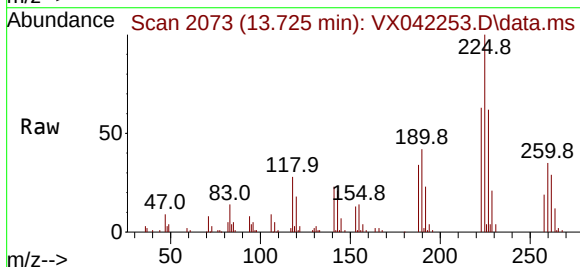
RT: 13.725 min Scan# 2073

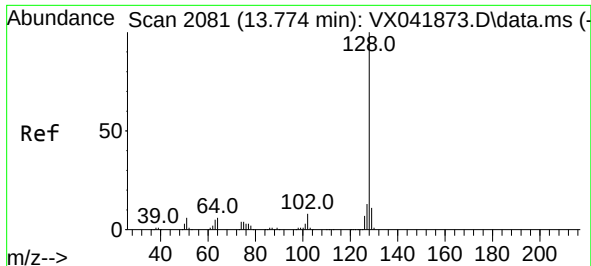
Delta R.T. -0.000 min

Lab File: VX042253.D

Acq: 09 Jul 2024 17:46

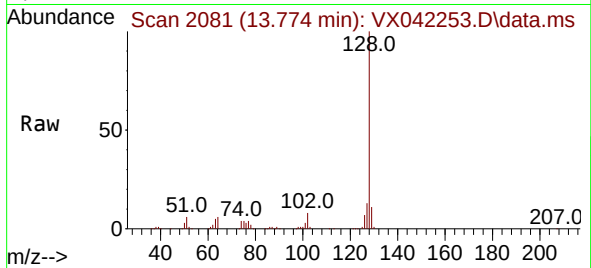
Tgt Ion:225	Resp:	26392
Ion Ratio	Lower	Upper
225	100	
223	62.3	0.0 120.8
227	63.6	0.0 126.6





#91
Naphthalene
Concen: 19.522 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

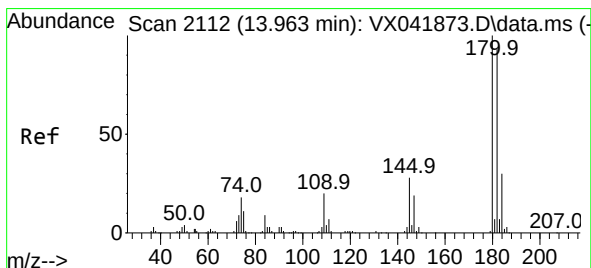
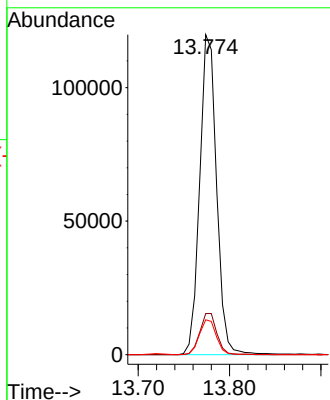
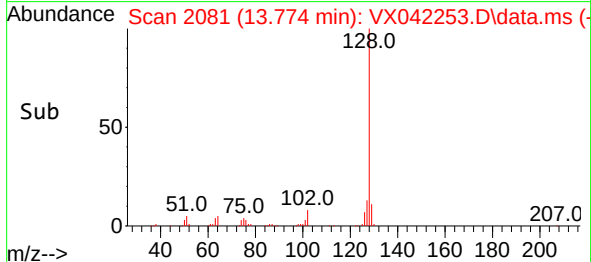
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 153510
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#92
1,2,3-Trichlorobenzene
Concen: 19.813 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX042253.D
Acq: 09 Jul 2024 17:46

Tgt Ion:180 Resp: 53402
Ion Ratio Lower Upper
180 100
182 95.0 0.0 187.8
145 28.7 0.0 58.4

