

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072324\
 Data File : VX042457.D
 Acq On : 23 Jul 2024 08:46
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/24/2024
 Supervised By : Mahesh Dadoda 07/24/2024

Quant Time: Jul 23 15:08:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 11:30:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	29887	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	164371	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	153597	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	63062	29.457	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.200%		
60) 4-Bromofluorobenzene	11.079	95	71228	29.805	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.333%		
63) Toluene-d8	8.647	98	201186	30.152	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.500%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	33063	18.456	ug/l	97
3) Chloromethane	1.301	50	33681	17.980	ug/l	99
4) Vinyl Chloride	1.374	62	31390	16.868	ug/l	99
5) Bromomethane	1.599	94	14893	15.942	ug/l	94
6) Chloroethane	1.679	64	19205	23.946	ug/l	98
7) Trichlorofluoromethane	1.886	101	47276	20.305	ug/l	96
8) Diethyl Ether	2.136	74	19304	19.769	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	33835	18.659	ug/l	98
10) 1,1-Dichloroethene	2.313	96	31289	17.955	ug/l	98
11) Methyl Iodide	2.447	142	32425	16.457	ug/l	98
12) Methyl Acetate	2.703	43	62514	21.827	ug/l	98
13) Acrolein	2.239	56	21899	60.868	ug/l	96
14) Acrylonitrile	3.062	53	105511	98.100	ug/l	97
15) Acetone	2.386	58	32983	103.096	ug/l	100
16) Carbon Disulfide	2.508	76	61926	17.977	ug/l	99
17) Allyl chloride	2.660	41	54390	19.616	ug/l	97
18) Methylene Chloride	2.788	84	36926	18.555	ug/l	92
19) trans-1,2-Dichloroethene	3.087	96	31607	17.956	ug/l	95
20) Diisopropyl ether	3.764	45	108734	18.610	ug/l	95
21) 1,1-Dichloroethane	3.605	63	61397	18.511	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	40050	18.169	ug/l	95
23) tert-Butyl Alcohol	2.965	59	44252	107.960	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	106438	18.300	ug/l	99
25) Chloroform	5.093	83	64284	18.753	ug/l	97
26) Cyclohexane	5.464	56	47252	17.202	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	40045	18.683	ug/l	97
30) 2-Butanone	4.556	43	151929	106.168	ug/l	100
31) 2,2-Dichloropropane	4.471	77	46394	18.828	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	53911	19.473	ug/l	98
33) Carbon Tetrachloride	5.666	117	46272	19.138	ug/l	96
34) Benzene	6.031	78	135651	19.275	ug/l	99
35) Methacrylonitrile	4.922	41	29168	20.655	ug/l	96
36) 1,2-Dichloroethane	6.086	62	45776	20.054	ug/l	98
37) Trichloroethene	7.123	130	36085	19.066	ug/l	94
38) Methylcyclohexane	7.373	83	50533	18.335	ug/l	100
39) 1,2-Dichloropropane	7.427	63	33865	19.574	ug/l	93
40) Dibromomethane	7.580	93	24223	19.397	ug/l	100
41) Bromodichloromethane	7.818	83	46195	19.723	ug/l	98
42) Vinyl Acetate	3.721	43	444543	96.016	ug/l	98

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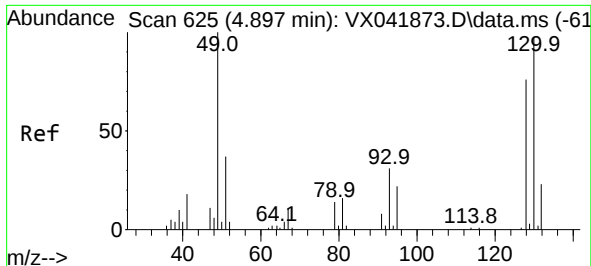
Manual Integrations
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Quant Time: Jul 23 15:08:13 2024
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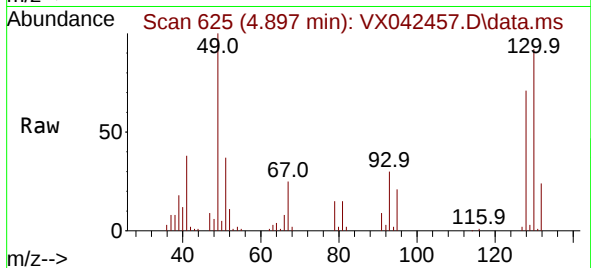
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	51334	20.213	ug/l	100
44) Isopropyl Acetate	6.336	43	78550	19.689	ug/l	98
45) 1,4-Dioxane	7.659	88	17027	380.956	ug/l	96
46) Methyl methacrylate	7.690	41	38756	19.934	ug/l	96
47) n-amyl Acetate	10.841	43	66622	18.794	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	43957	18.825	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	51022	19.441	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	36484	19.922	ug/l	99
51) Ethyl methacrylate	9.116	69	53037	18.519	ug/l	99
52) 1,3-Dichloropropane	9.305	76	58623	19.706	ug/l	99
53) Dibromochloromethane	9.519	129	40065	19.908	ug/l	97
54) 1,2-Dibromoethane	9.610	107	37985	19.944	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	139375	100.404	ug/l	99
56) Bromoform	10.799	173	30799	18.990	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	284805	105.211	ug/l	98
59) 2-Hexanone	9.427	43	218918	103.252	ug/l	98
61) Tetrachloroethene	9.269	164	38969	20.914	ug/l	94
62) Toluene	8.714	91	147730	19.238	ug/l	99
64) Chlorobenzene	10.079	112	99545	19.209	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	35415	18.992	ug/l	99
66) Ethyl Benzene	10.195	91	158336	18.921	ug/l	99
67) m/p-Xylenes	10.299	106	129098	38.586	ug/l	100
68) o-Xylene	10.640	106	62206	18.682	ug/l	99
69) Styrene	10.653	104	105932	18.916	ug/l	99
70) Isopropylbenzene	10.963	105	165588	19.505	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	57524	19.691	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	47465m	20.463	ug/l	
73) Bromobenzene	11.195	156	45849	18.898	ug/l	99
74) n-propylbenzene	11.305	91	181502	19.353	ug/l	99
75) 2-Chlorotoluene	11.366	91	113594	19.260	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	134543	18.970	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	15770	18.536	ug/l	98
78) 4-Chlorotoluene	11.451	91	125520	19.104	ug/l	99
79) tert-butylbenzene	11.713	119	141535	18.693	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	136299	19.098	ug/l	97
81) sec-Butylbenzene	11.890	105	171733	19.196	ug/l	99
82) p-Isopropyltoluene	12.006	119	145001	18.703	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	82691	18.975	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	81456	18.818	ug/l	99
85) n-Butylbenzene	12.335	91	112692	18.508	ug/l	99
86) Hexachloroethane	12.536	117	24546	18.620	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	82929	18.827	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	11862	19.820	ug/l	93
89) 1,2,4-Trichlorobenzene	13.591	180	52191	17.502	ug/l	99
90) Hexachlorobutadiene	13.725	225	27529	18.602	ug/l	99
91) Naphthalene	13.774	128	162579	18.283	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	55769	18.157	ug/l	97

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



#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.897 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VX042457.D
 Acq: 23 Jul 2024 08:46

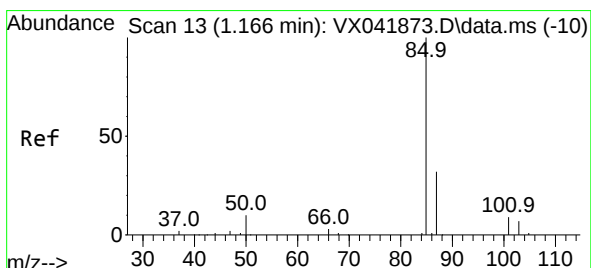
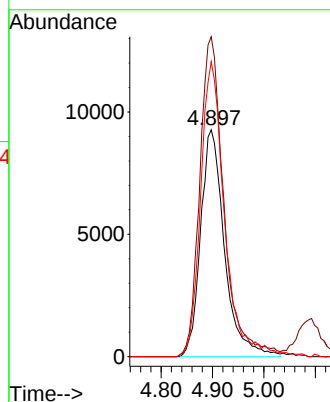
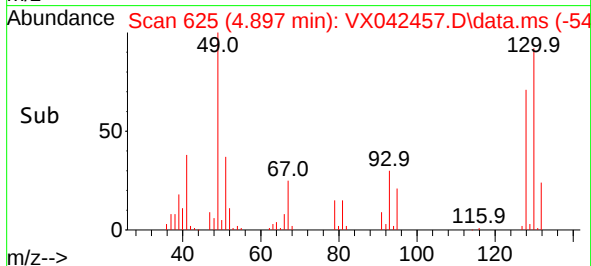
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



Tgt Ion:128 Resp: 2988
 Ion Ratio Lower Upper
 128 100
 49 141.7 0.0 338.5
 130 126.1 0.0 324.5

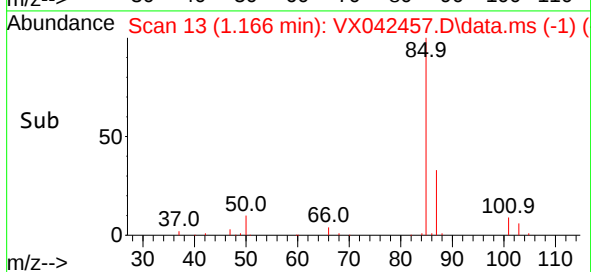
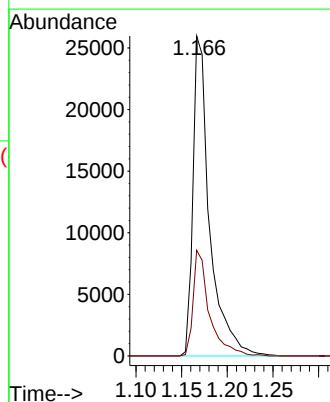
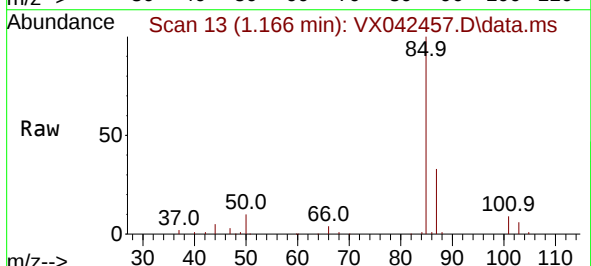
Manual Integrations
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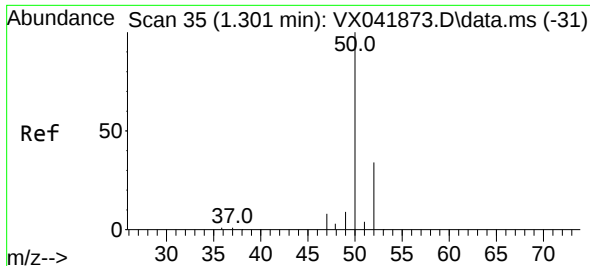
Reviewed By :John Carlone 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024



#2
 Dichlorodifluoromethane
 Concen: 18.456 ug/l
 RT: 1.166 min Scan# 13
 Delta R.T. 0.000 min
 Lab File: VX042457.D
 Acq: 23 Jul 2024 08:46

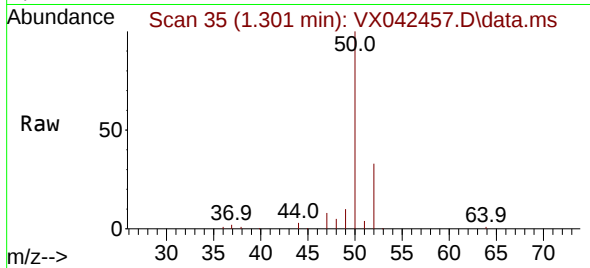
Tgt Ion: 85 Resp: 33063
 Ion Ratio Lower Upper
 85 100
 87 33.0 15.8 47.3





#3
Chloromethane
Concen: 17.980 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

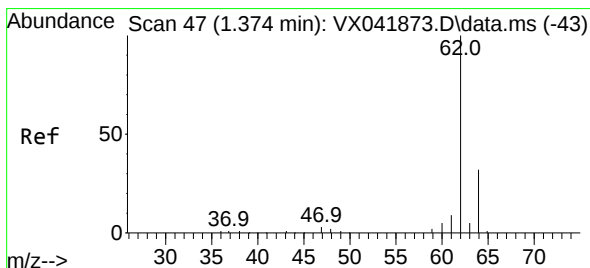
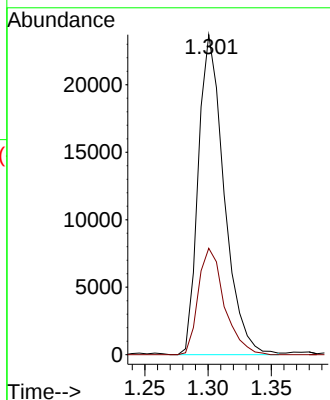
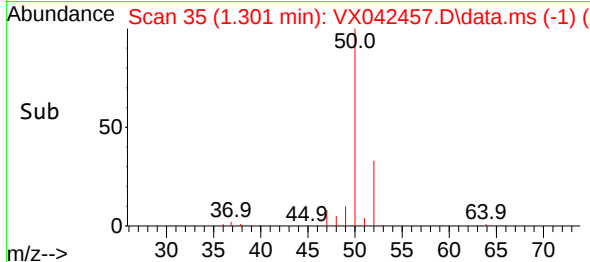
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



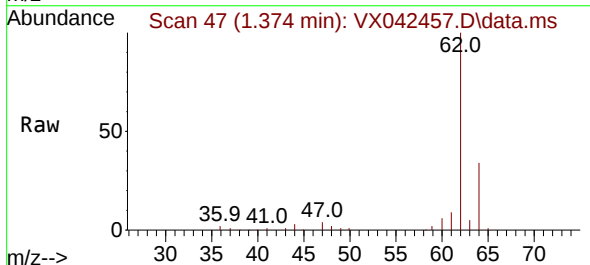
Tgt Ion: 50 Resp: 3368
Ion Ratio Lower Upper
50 100
52 33.2 26.9 40.3

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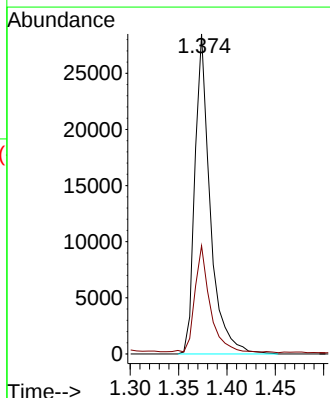
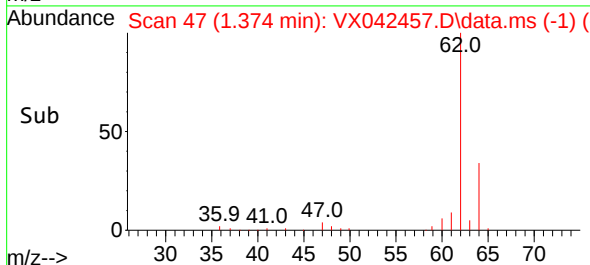
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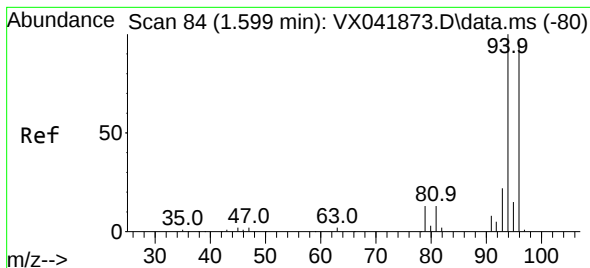


#4
Vinyl Chloride
Concen: 16.868 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46



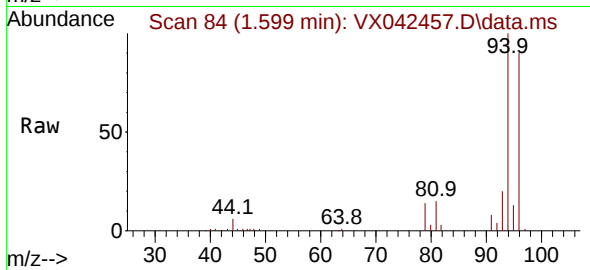
Tgt Ion: 62 Resp: 31390
Ion Ratio Lower Upper
62 100
64 33.4 26.1 39.1





#5
Bromomethane
Concen: 15.942 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

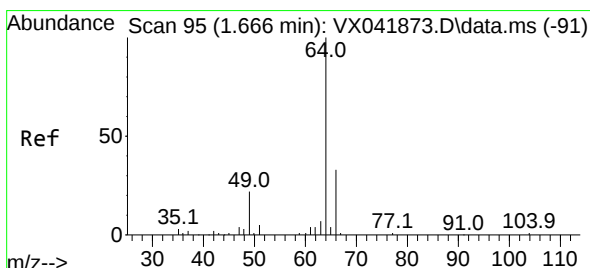
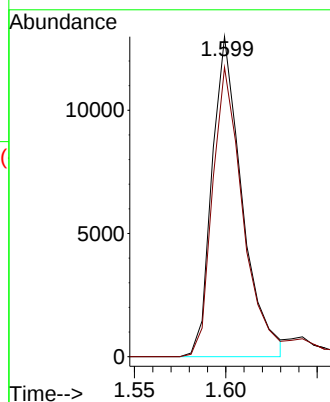
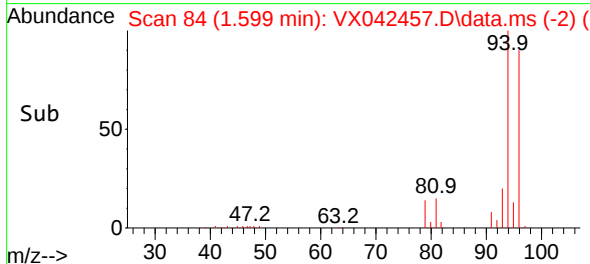
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



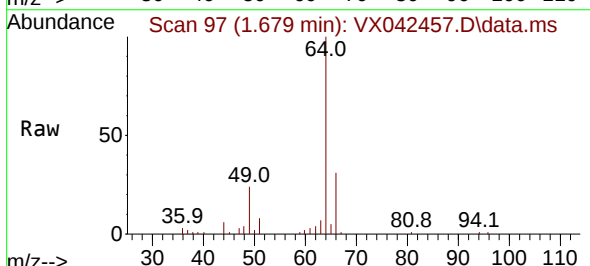
Tgt Ion: 94 Resp: 1489
Ion Ratio Lower Upper
94 100
96 90.4 76.6 115.0

Manual Integrations
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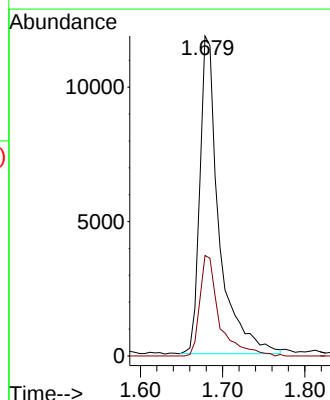
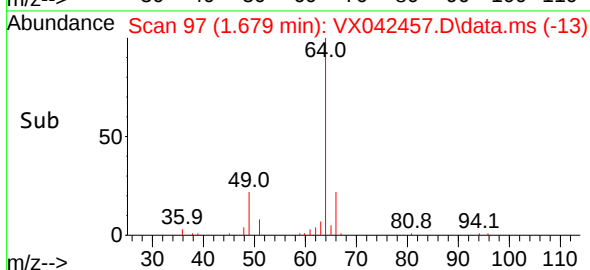
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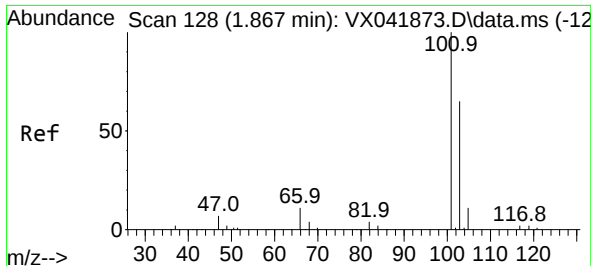


#6
Chloroethane
Concen: 23.946 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.012 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46



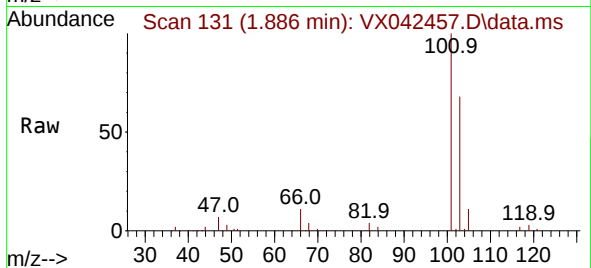
Tgt Ion: 64 Resp: 19205
Ion Ratio Lower Upper
64 100
66 31.6 26.4 39.6





#7
Trichlorofluoromethane
Concen: 20.305 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

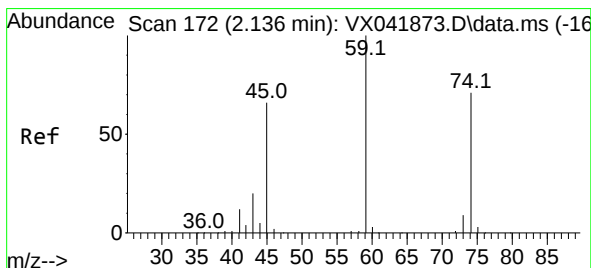
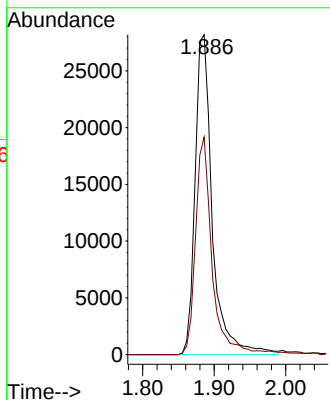
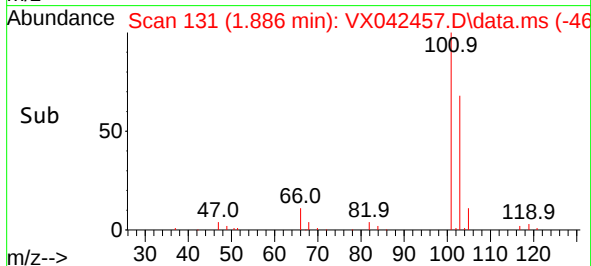
Instrument :
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Tgt Ion:101 Resp: 47270
Ion Ratio Lower Upper
101 100
103 68.0 51.8 77.8

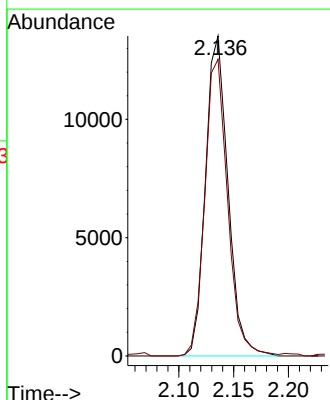
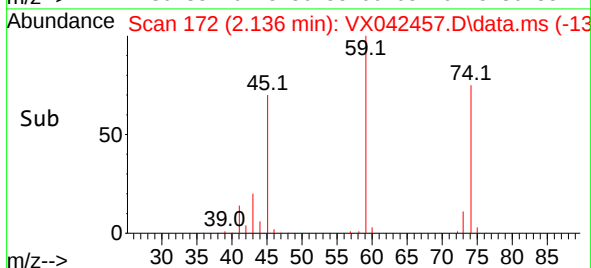
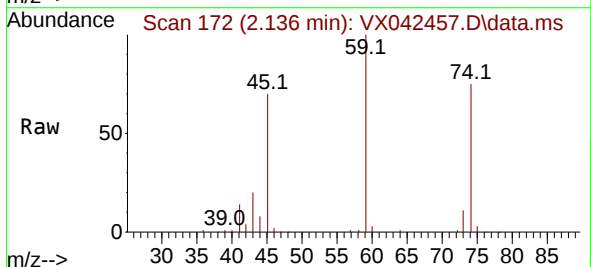
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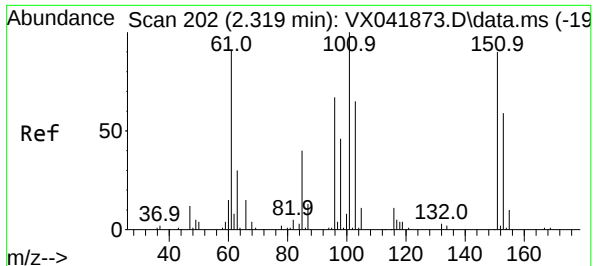
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#8
Diethyl Ether
Concen: 19.769 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Tgt Ion: 74 Resp: 19304
Ion Ratio Lower Upper
74 100
45 94.1 18.7 168.7





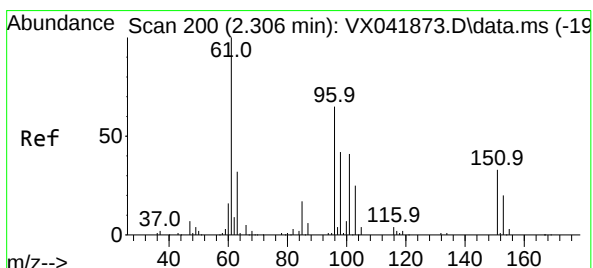
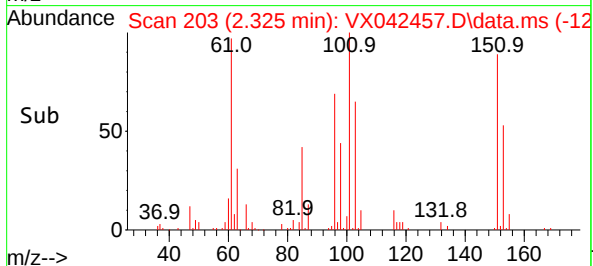
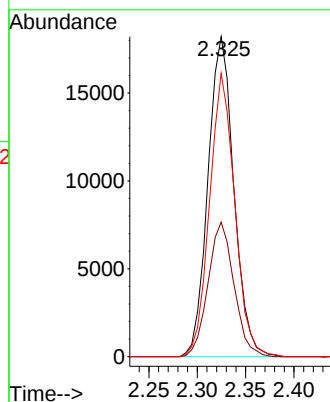
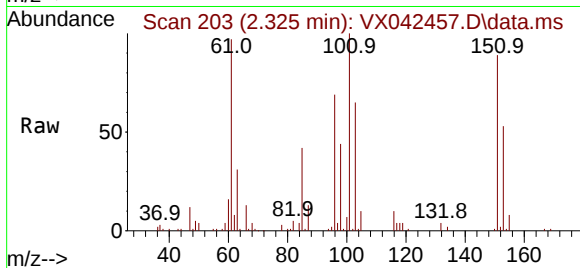
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.659 ug/l
RT: 2.325 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 3383
Ion Ratio Lower Upper
101 100
85 42.1 0.0 80.4
151 86.2 0.0 175.2

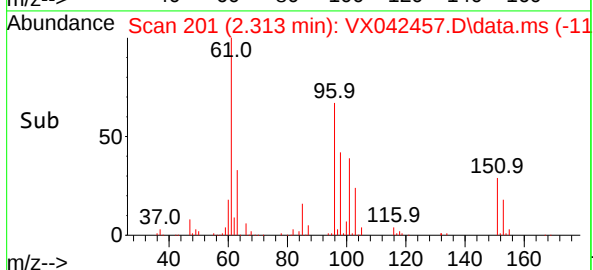
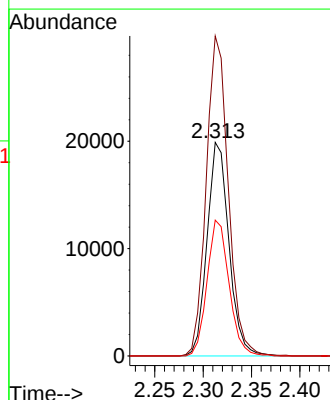
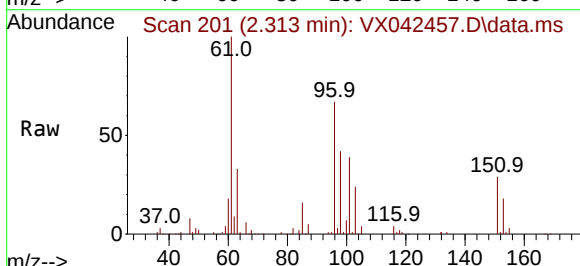
Manual Integrations
APPROVED

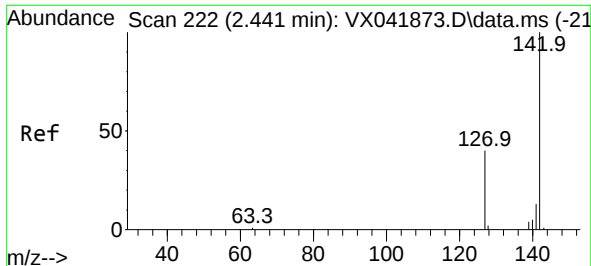
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#10
1,1-Dichloroethene
Concen: 17.955 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Tgt Ion: 96 Resp: 31289
Ion Ratio Lower Upper
96 100
61 149.8 122.3 183.5
98 63.6 51.5 77.3





#11
Methyl Iodide
Concen: 16.457 ug/l
RT: 2.447 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

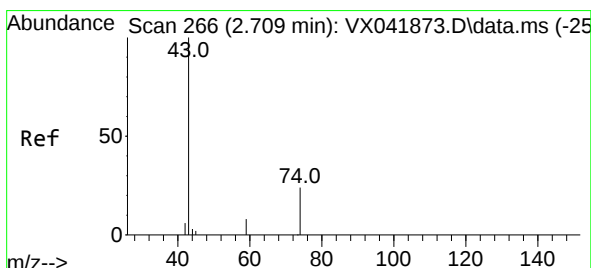
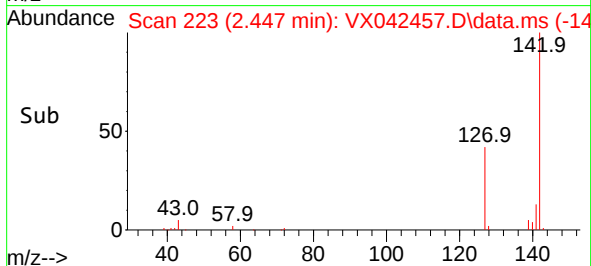
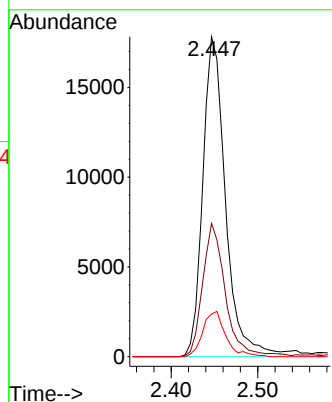
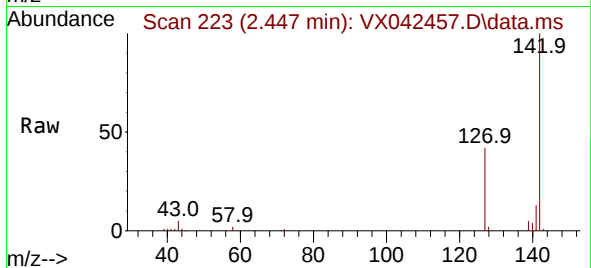
Tgt Ion:142 Resp: 32425
Ion Ratio Lower Upper
142 100
127 41.5 19.8 59.3
141 13.4 6.7 20.1

Manual Integrations

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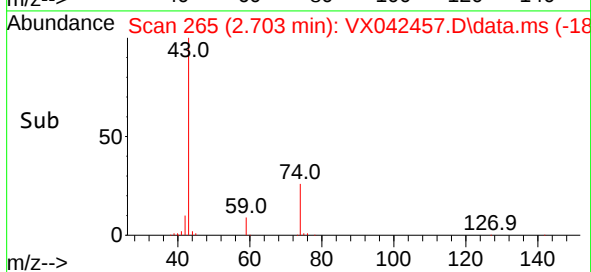
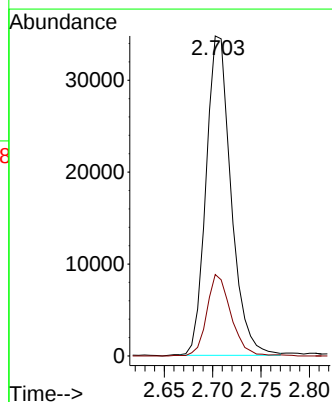
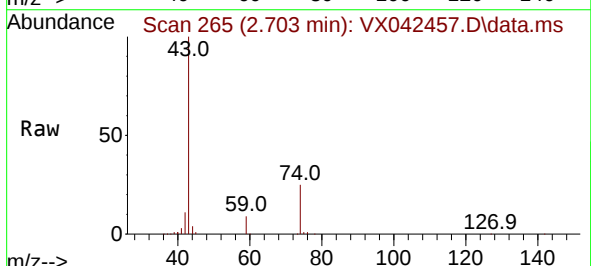
Reviewed By :John Carlone 07/24/2024

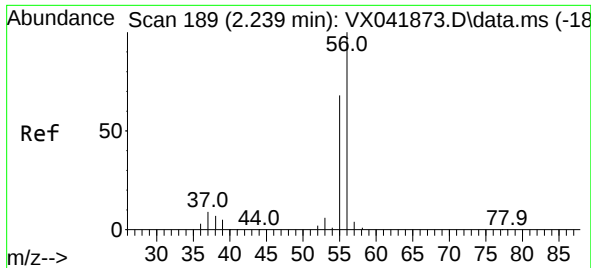
Supervised By :Mahesh Dadoda 07/24/2024



#12
Methyl Acetate
Concen: 21.827 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

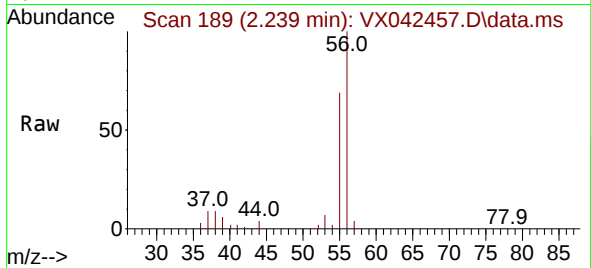
Tgt Ion: 43 Resp: 62514
Ion Ratio Lower Upper
43 100
74 25.3 19.4 29.2





#13
Acrolein
Concen: 60.868 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

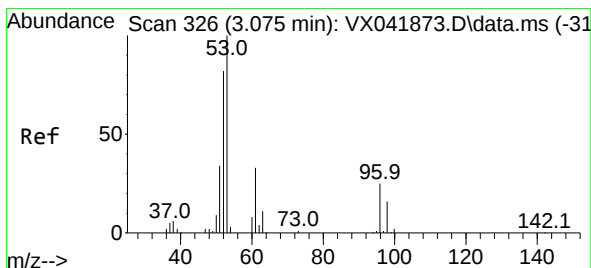
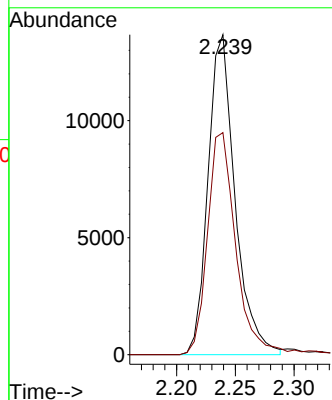
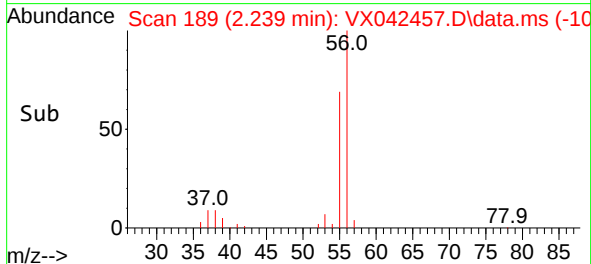
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



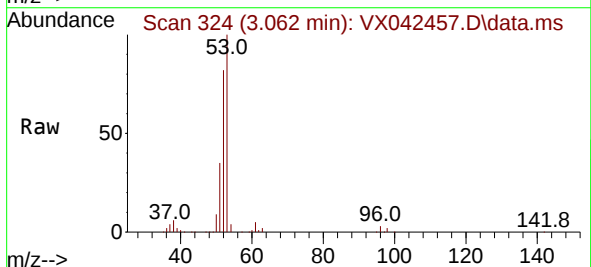
Tgt Ion: 56 Resp: 21899
Ion Ratio Lower Upper
56 100
55 72.8 55.4 83.0

Manual Integrations
APPROVED

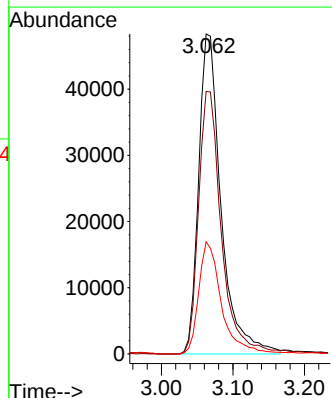
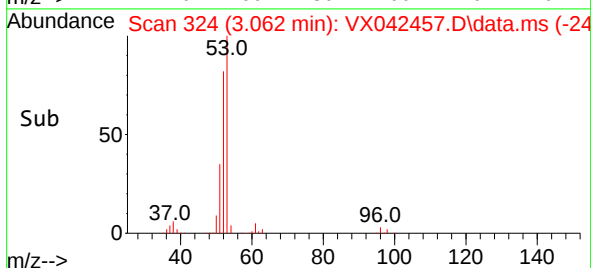
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

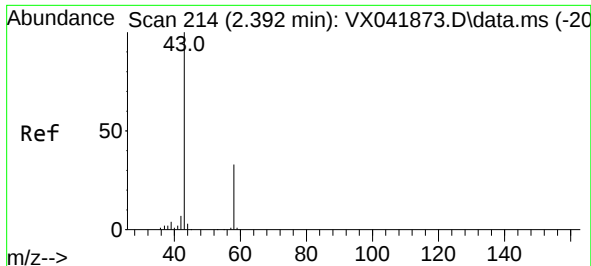


#14
Acrylonitrile
Concen: 98.100 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.012 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46



Tgt Ion: 53 Resp: 105511
Ion Ratio Lower Upper
53 100
52 83.0 39.9 119.7
51 35.6 17.4 52.3





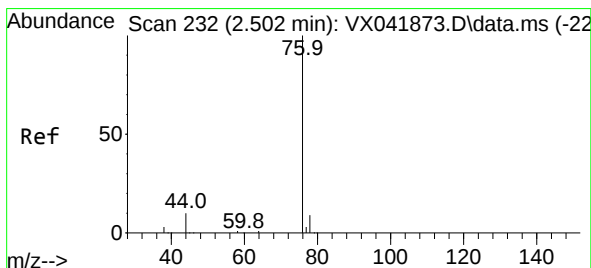
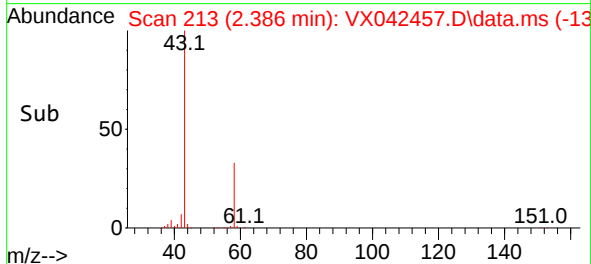
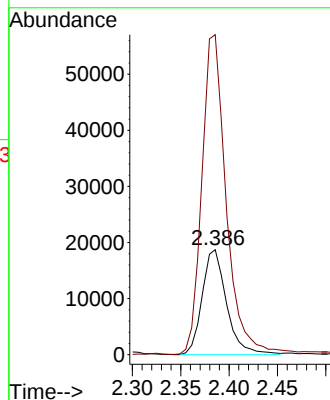
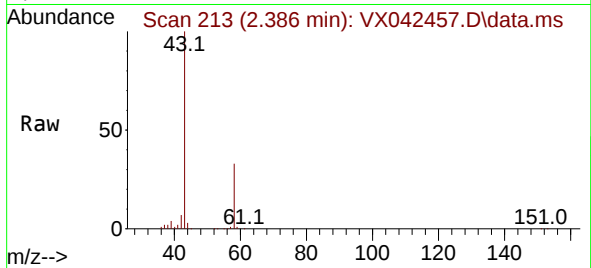
#15
Acetone
Concen: 103.096 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 58 Resp: 3298
Ion Ratio Lower Upper
58 100
43 304.0 243.4 365.2

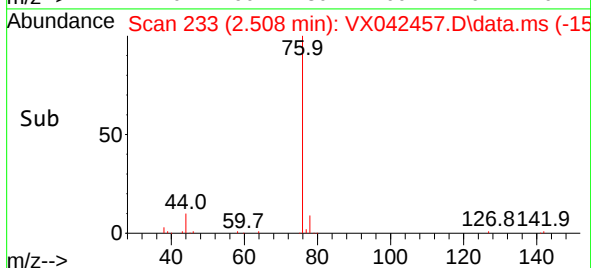
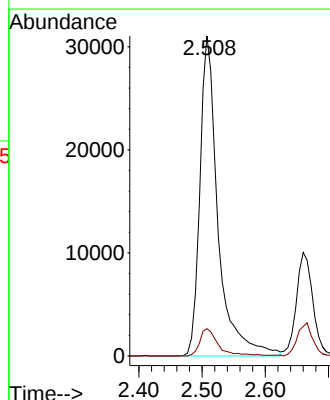
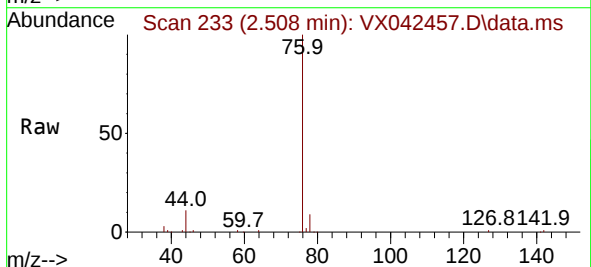
Manual Integrations
APPROVED

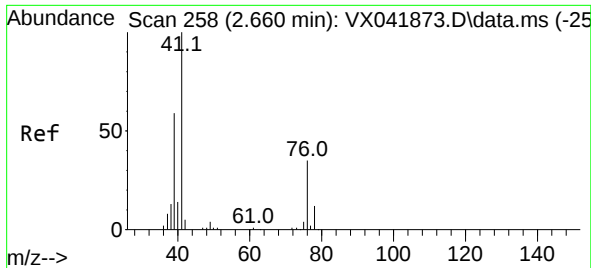
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#16
Carbon Disulfide
Concen: 17.977 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Tgt Ion: 76 Resp: 61926
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9





#17
 Allyl chloride
 Concen: 19.616 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX042457.D
 Acq: 23 Jul 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

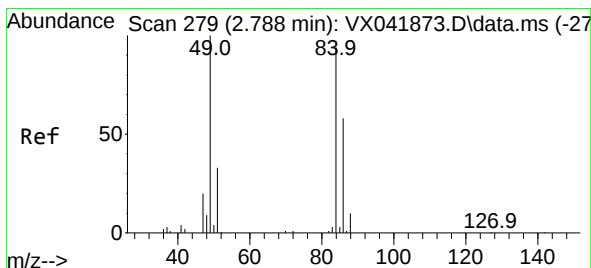
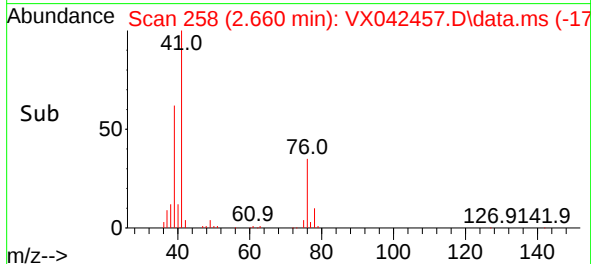
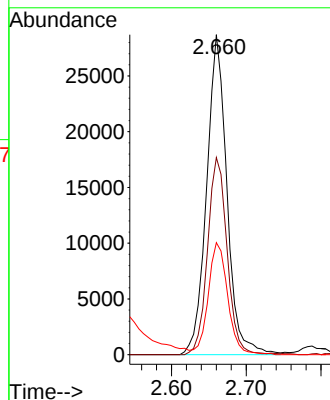
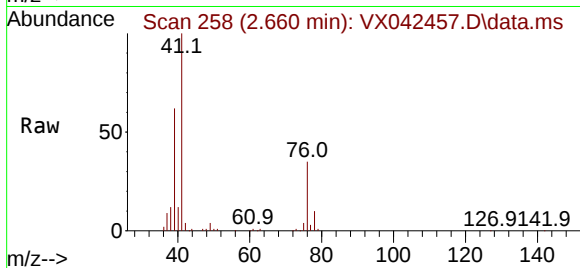
Tgt Ion: 41 Resp: 54390
 Ion Ratio Lower Upper
 41 100
 39 61.6 29.6 88.8
 76 35.0 18.1 54.4

Manual Integrations

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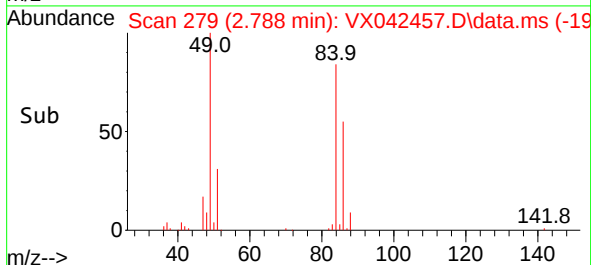
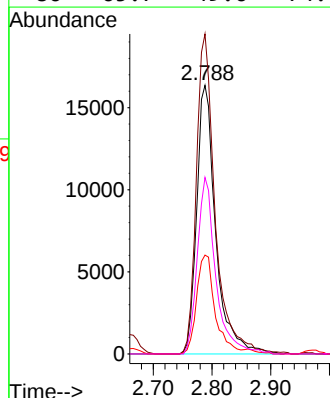
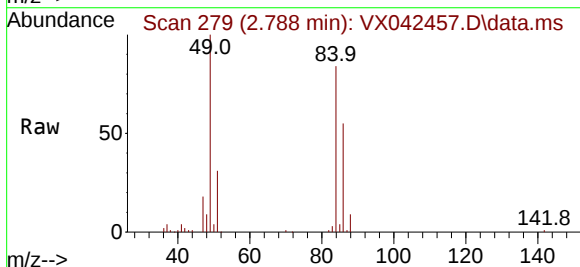
Reviewed By :John Carlone 07/24/2024

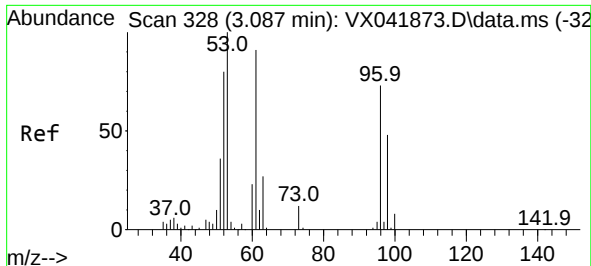
Supervised By :Mahesh Dadoda 07/24/2024



#18
 Methylene Chloride
 Concen: 18.555 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX042457.D
 Acq: 23 Jul 2024 08:46

Tgt Ion: 84 Resp: 36926
 Ion Ratio Lower Upper
 84 100
 49 119.1 85.3 127.9
 51 36.8 28.5 42.7
 86 65.7 49.6 74.4





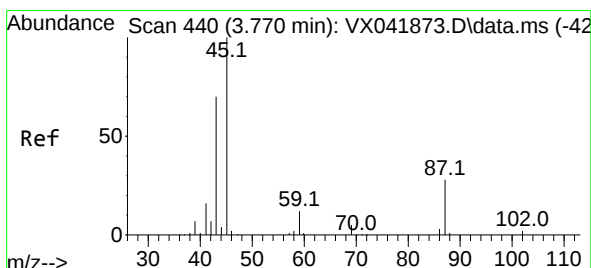
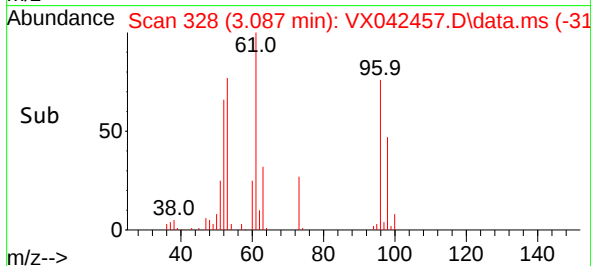
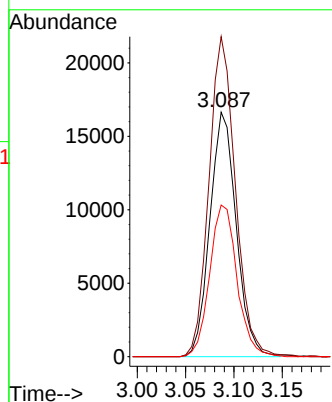
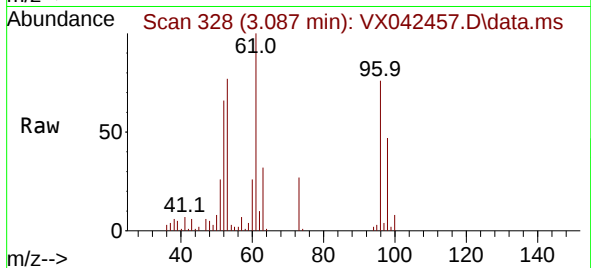
#19
trans-1,2-Dichloroethene
Concen: 17.956 ug/l
RT: 3.087 min Scan# 3160
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 96 Resp: 3160
Ion Ratio Lower Upper
96 100
61 130.9 100.1 150.1
98 62.1 52.1 78.1

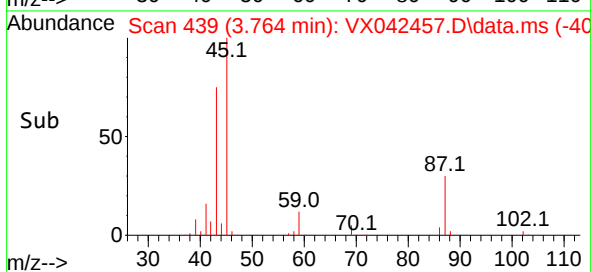
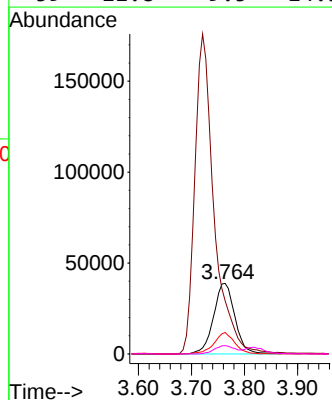
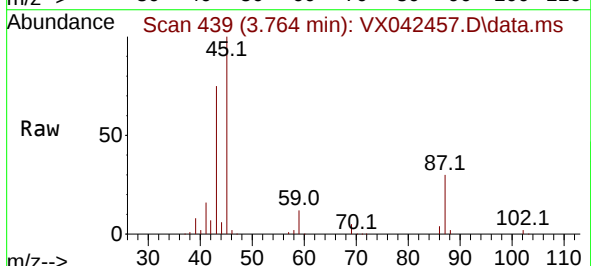
Manual Integrations
APPROVED

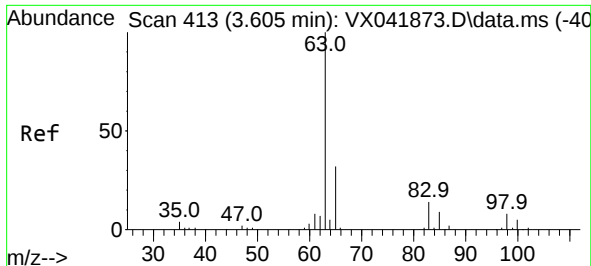
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#20
Diisopropyl ether
Concen: 18.610 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Tgt Ion: 45 Resp: 108734
Ion Ratio Lower Upper
45 100
43 74.4 55.8 83.8
87 30.4 22.6 34.0
59 11.8 9.5 14.3





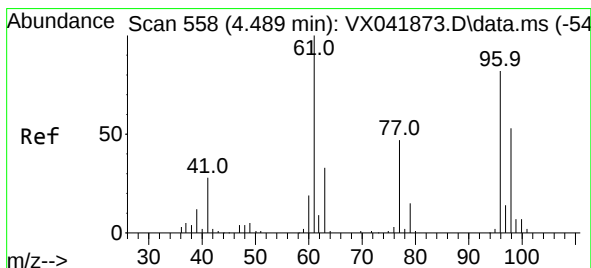
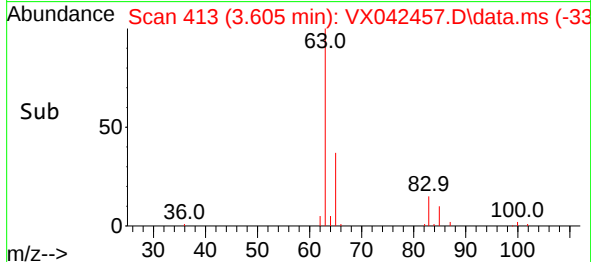
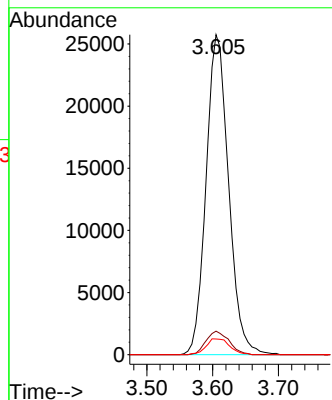
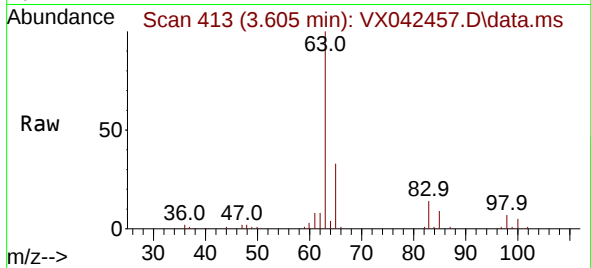
#21
1,1-Dichloroethane
Concen: 18.511 ug/l
RT: 3.605 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 6139
Ion Ratio Lower Upper
63 100
98 7.4 4.2 12.4
100 4.9 2.5 7.4

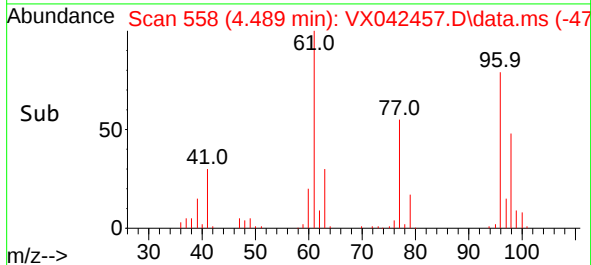
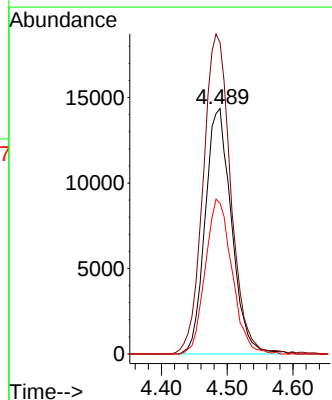
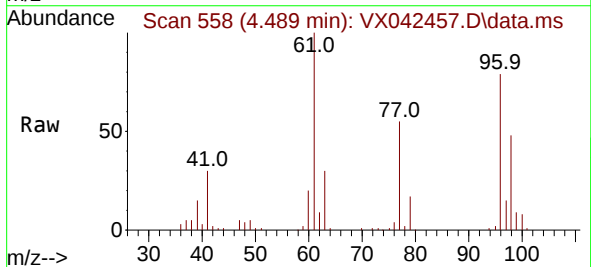
Manual Integrations
APPROVED

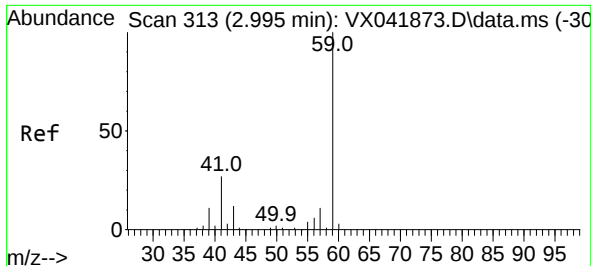
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#22
cis-1,2-Dichloroethene
Concen: 18.169 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Tgt Ion: 96 Resp: 40050
Ion Ratio Lower Upper
96 100
61 136.4 103.3 154.9
98 63.7 52.2 78.2





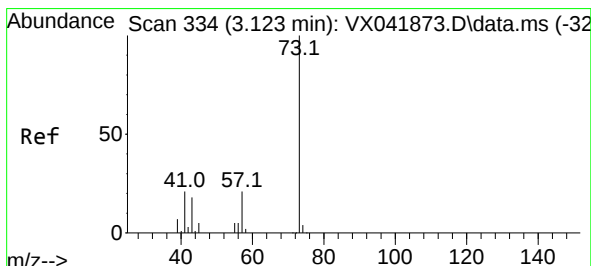
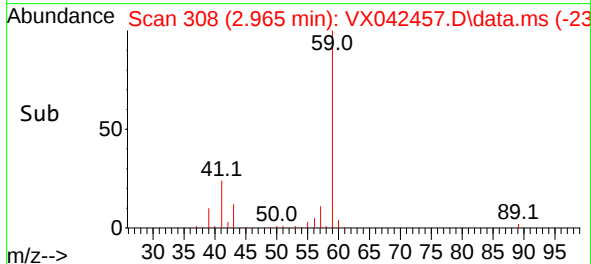
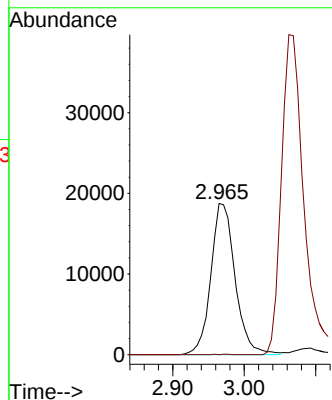
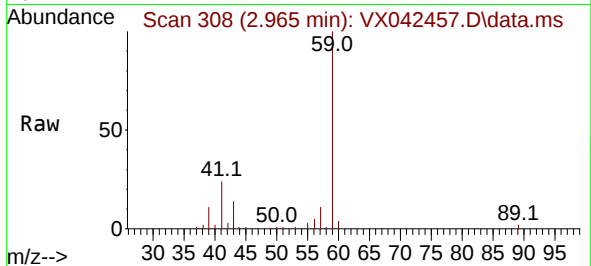
#23
tert-Butyl Alcohol
Concen: 107.960 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.030 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 4425
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

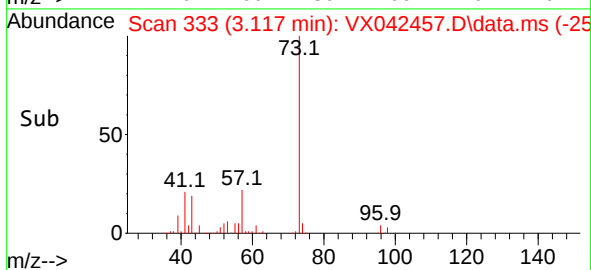
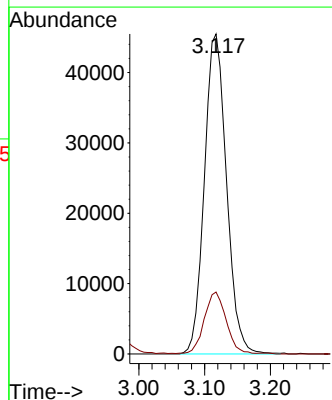
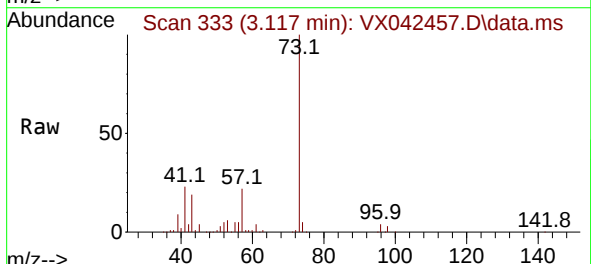
Manual Integrations
APPROVED

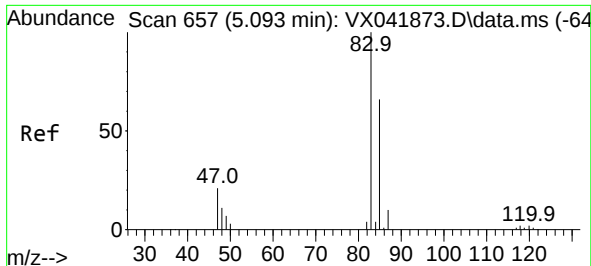
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#24
Methyl tert-Butyl Ether
Concen: 18.300 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Tgt Ion: 73 Resp: 106438
Ion Ratio Lower Upper
73 100
43 19.2 15.1 22.7





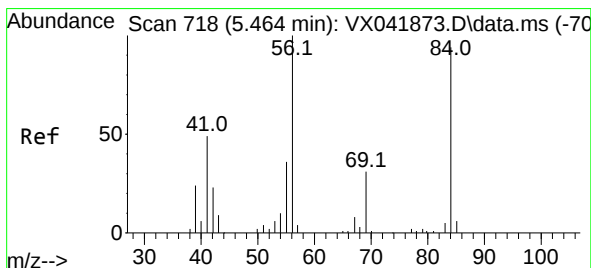
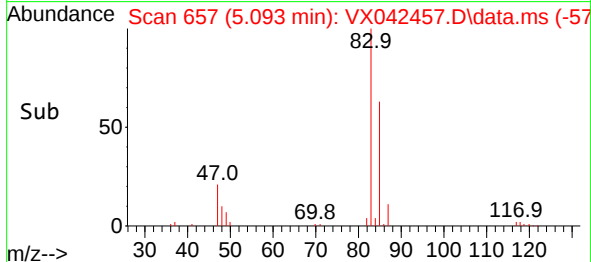
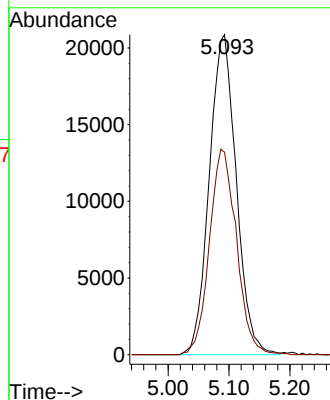
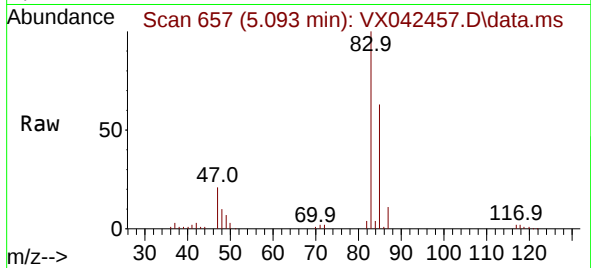
#25
Chloroform
Concen: 18.753 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 64284
Ion Ratio Lower Upper
83 100
85 63.3 52.7 79.1

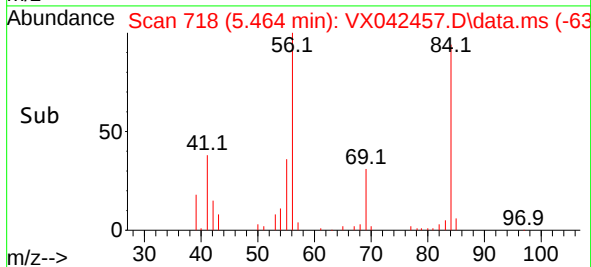
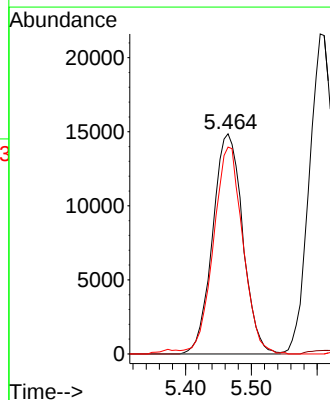
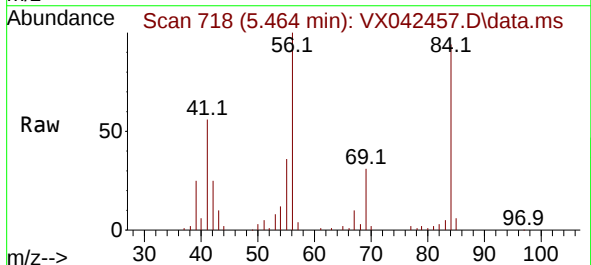
Manual Integrations
APPROVED

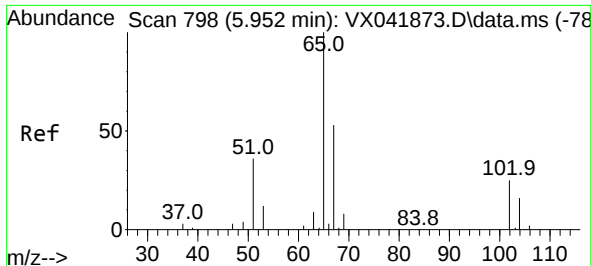
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#26
Cyclohexane
Concen: 17.202 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Tgt Ion: 56 Resp: 47252
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 92.1 73.1 109.7





#27
1,2-Dichloroethane-d4
Concen: 29.457 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

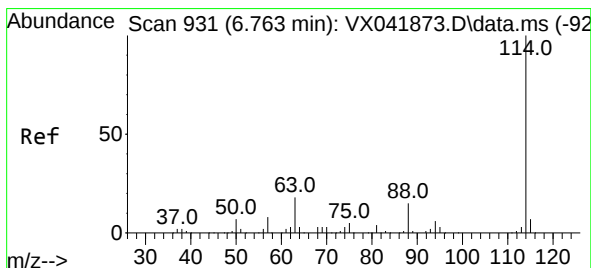
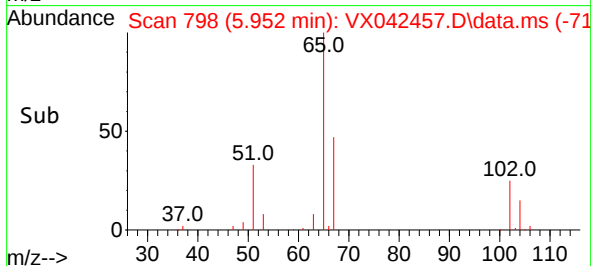
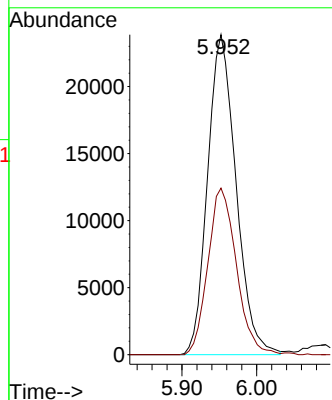
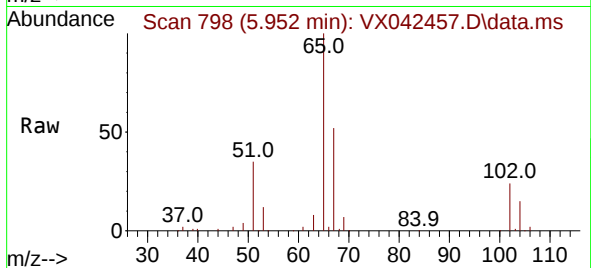
VSTDCCC020

Tgt Ion: 65 Resp: 63062
Ion Ratio Lower Upper
65 100
67 52.2 43.4 65.0

Manual Integrations

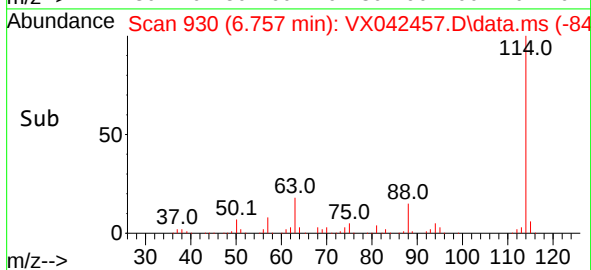
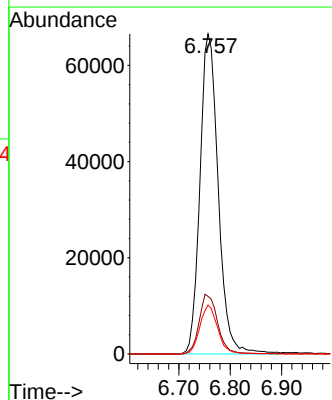
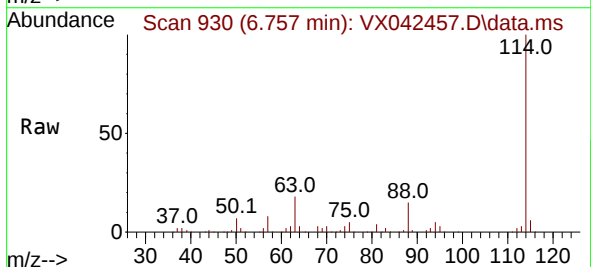
APPROVED

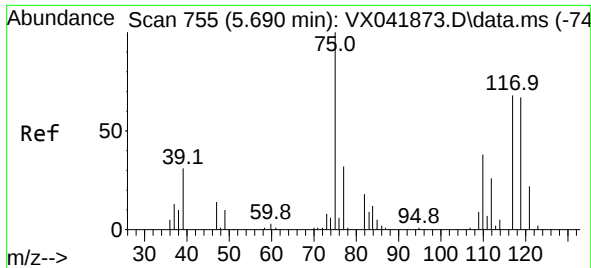
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Tgt Ion:114 Resp: 164371
Ion Ratio Lower Upper
114 100
63 18.7 14.6 21.8
88 14.8 11.8 17.8





#29

1,1-Dichloropropene

Concen: 18.683 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX042457.D

Acq: 23 Jul 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 4004

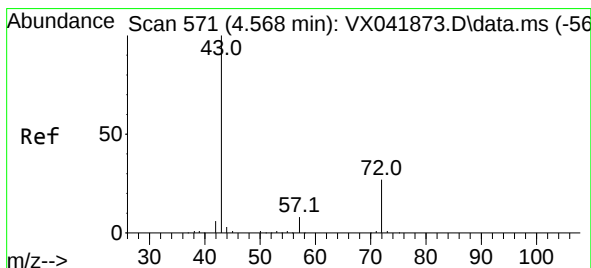
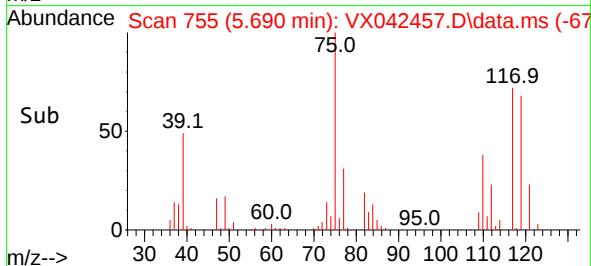
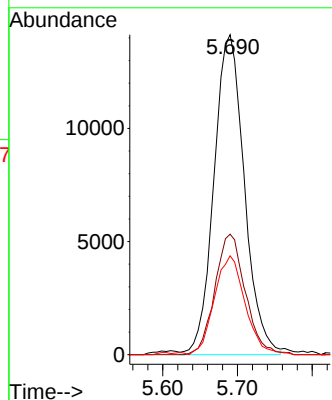
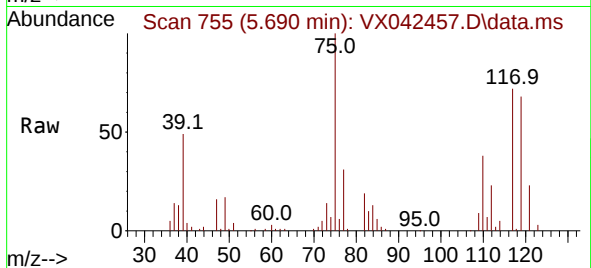
Ion	Ratio	Lower	Upper
75	100		
110	37.6	0.0	80.2
77	31.2	0.0	65.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#30

2-Butanone

Concen: 106.168 ug/l

RT: 4.556 min Scan# 569

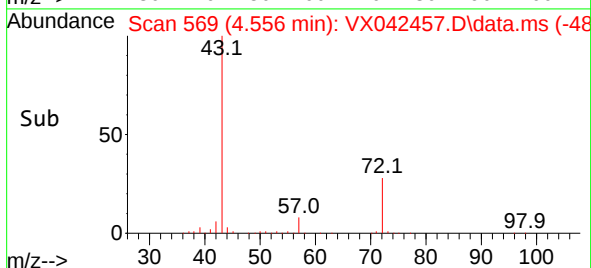
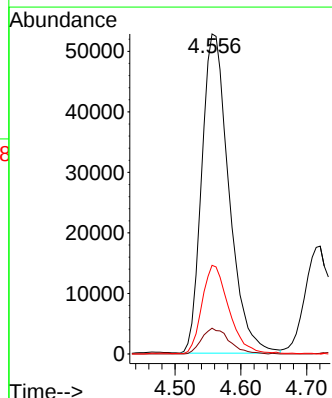
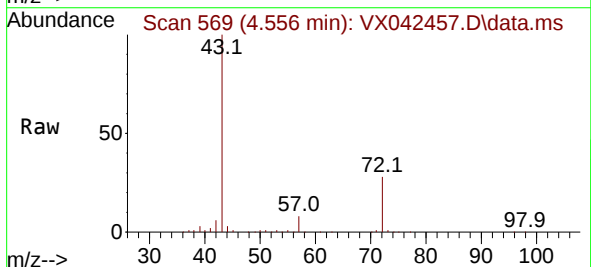
Delta R.T. -0.012 min

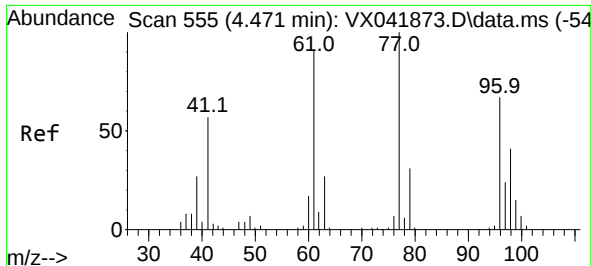
Lab File: VX042457.D

Acq: 23 Jul 2024 08:46

Tgt Ion: 43 Resp: 151929

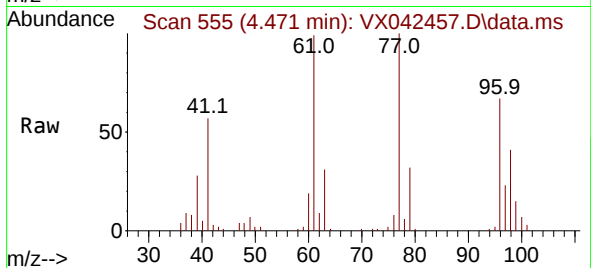
Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.5	9.7
72	27.3	22.0	33.0





#31
2,2-Dichloropropane
Concen: 18.828 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

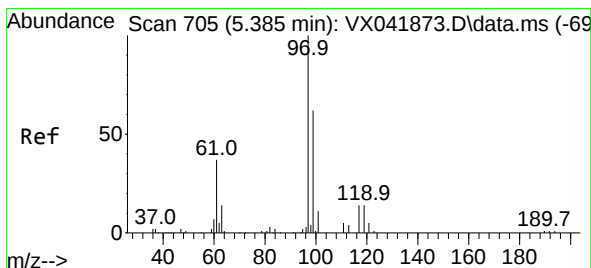
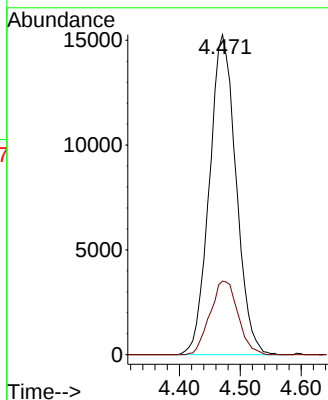
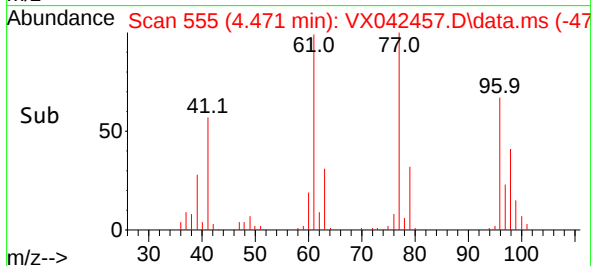
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



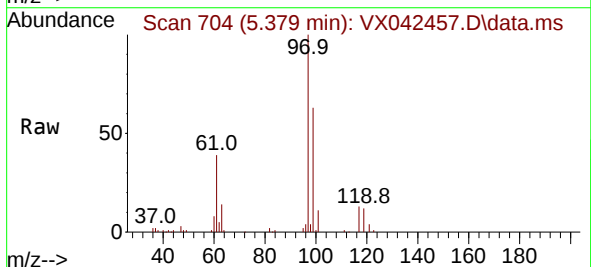
Tgt Ion: 77 Resp: 46394
Ion Ratio Lower Upper
77 100
97 24.1 20.2 30.2

Manual Integrations
APPROVED

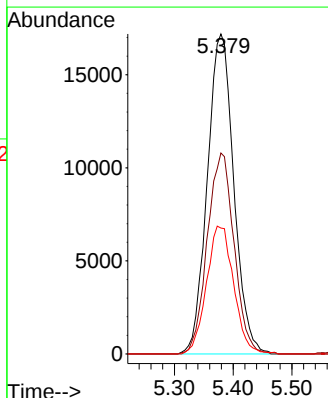
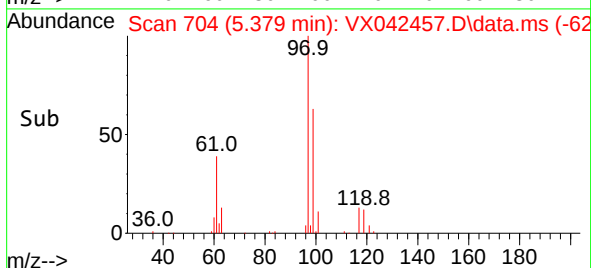
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

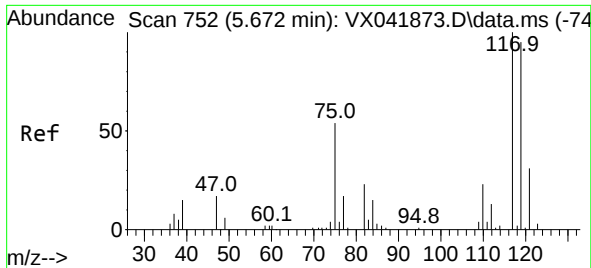


#32
1,1,1-Trichloroethane
Concen: 19.473 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46



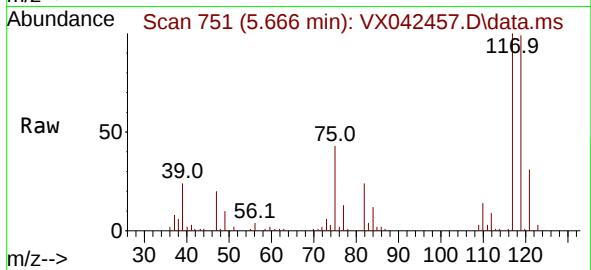
Tgt Ion: 97 Resp: 53911
Ion Ratio Lower Upper
97 100
99 63.4 52.0 78.0
61 40.9 31.7 47.5





#33
Carbon Tetrachloride
Concen: 19.138 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

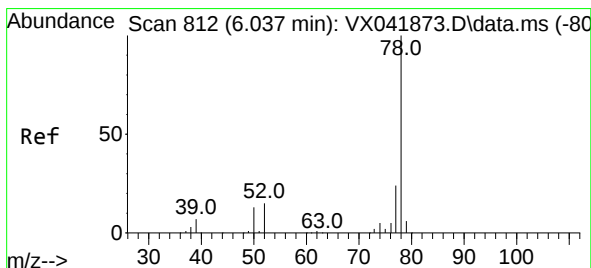
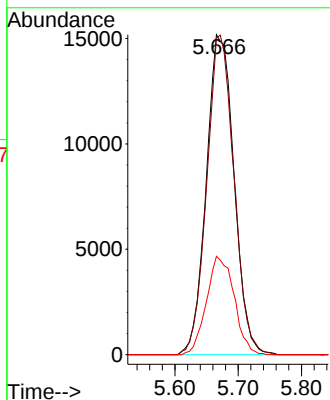
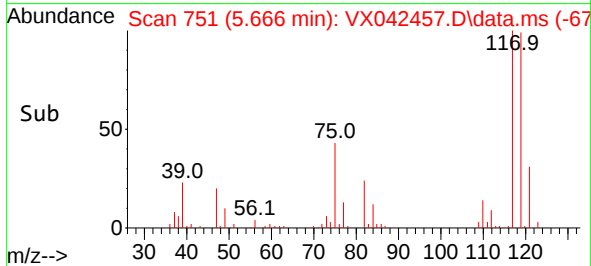
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:117 Resp: 46272
Ion Ratio Lower Upper
117 100
119 99.0 75.7 113.5
121 30.8 24.9 37.3

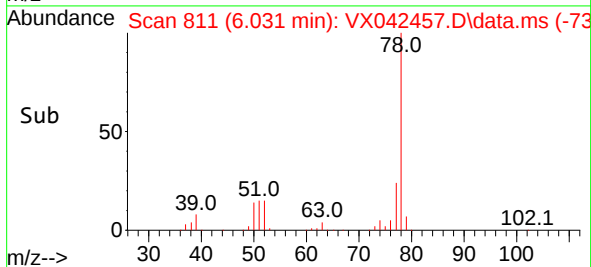
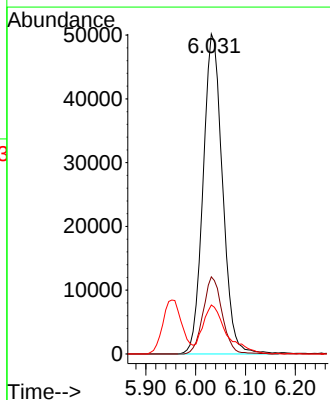
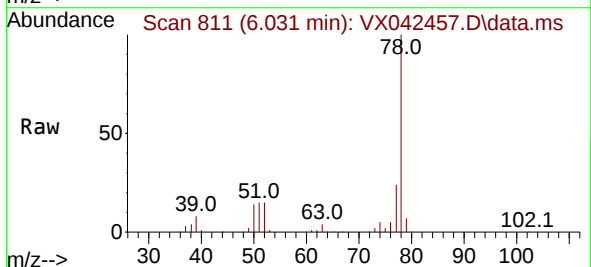
Manual Integrations
APPROVED

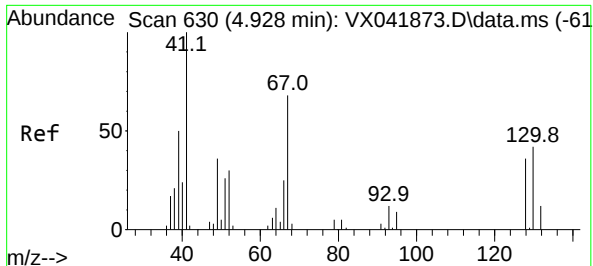
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#34
Benzene
Concen: 19.275 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Tgt Ion: 78 Resp: 135651
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3
51 15.1 11.8 17.8





#35

Methacrylonitrile

Concen: 20.655 ug/l

RT: 4.922 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX042457.D

Acq: 23 Jul 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 41 Resp: 2916

Ion Ratio Lower Upper

41 100

39 51.0 25.2 75.6

67 73.3 34.2 102.5

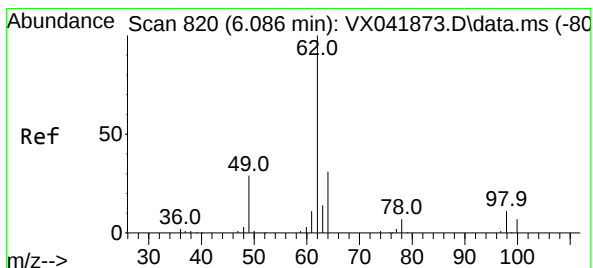
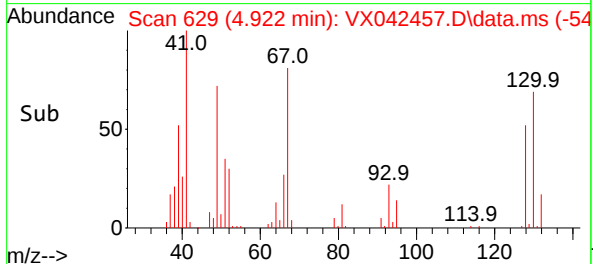
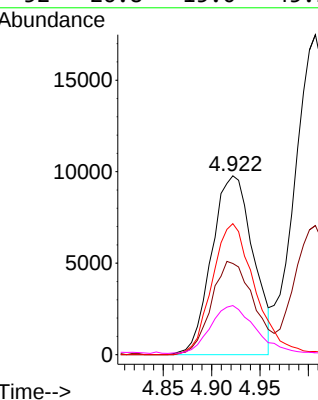
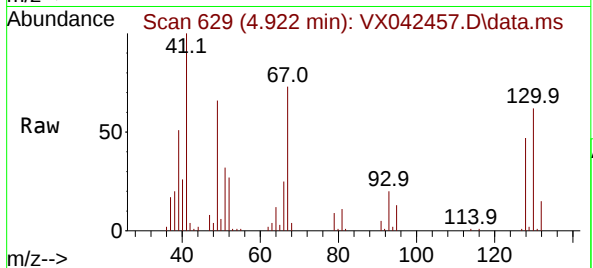
52 26.8 15.0 45.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#36

1,2-Dichloroethane

Concen: 20.054 ug/l

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX042457.D

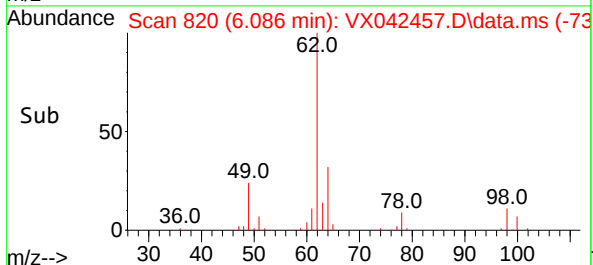
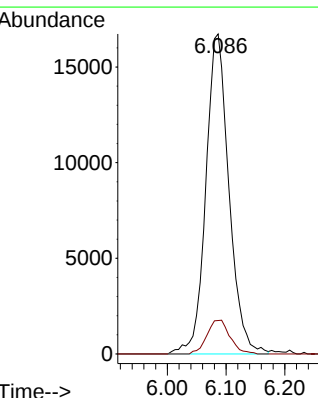
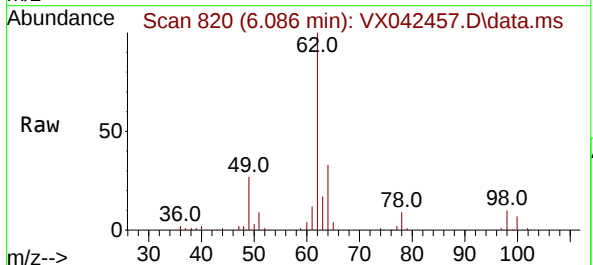
Acq: 23 Jul 2024 08:46

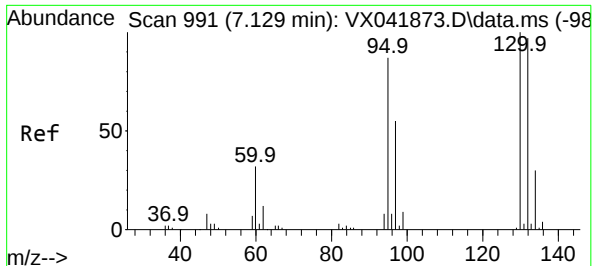
Tgt Ion: 62 Resp: 45776

Ion Ratio Lower Upper

62 100

98 10.5 9.1 13.7





#37

Trichloroethene

Concen: 19.066 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX042457.D

Acq: 23 Jul 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:130 Resp: 3608

Ion Ratio Lower Upper

130 100

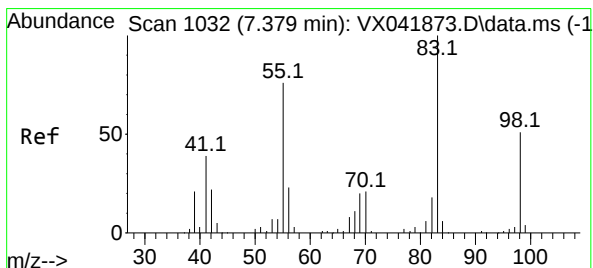
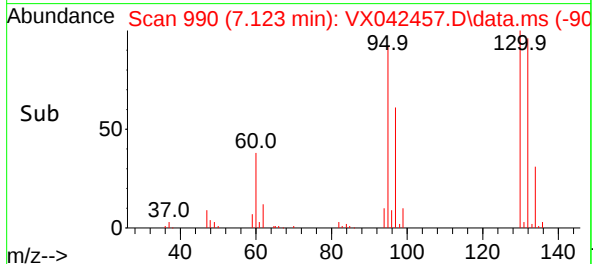
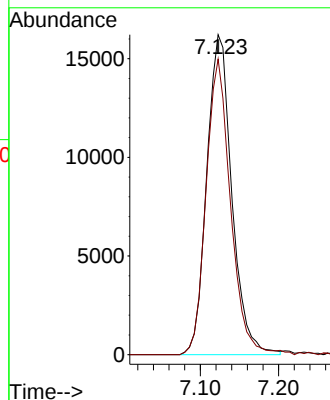
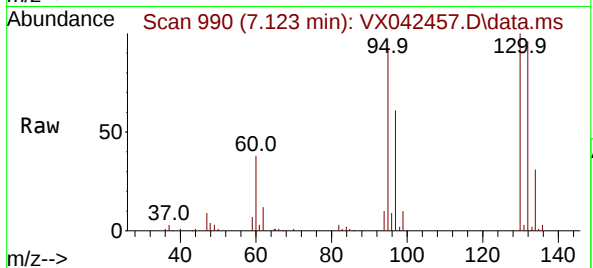
95 92.3 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#38

Methylcyclohexane

Concen: 18.335 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX042457.D

Acq: 23 Jul 2024 08:46

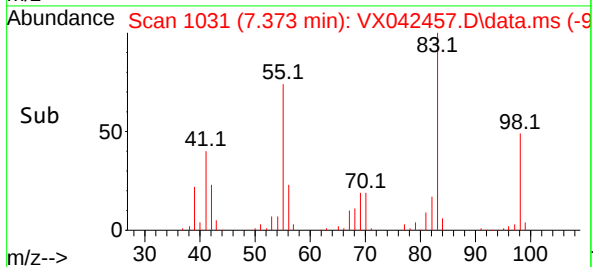
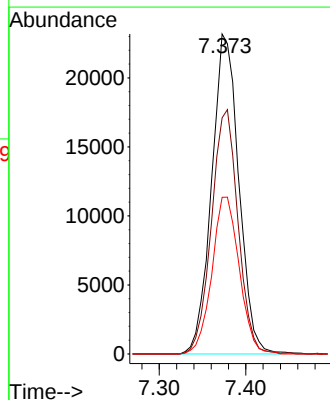
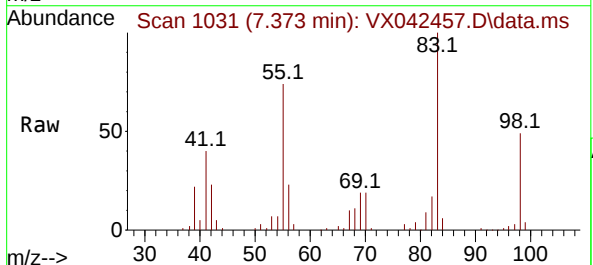
Tgt Ion: 83 Resp: 50533

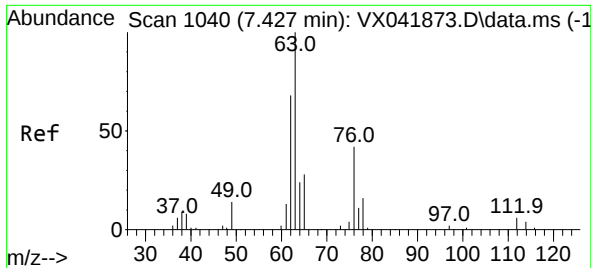
Ion Ratio Lower Upper

83 100

55 74.5 37.3 111.9

98 49.4 24.8 74.4





#39

1,2-Dichloropropane

Concen: 19.574 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX042457.D

Acq: 23 Jul 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 3386

Ion Ratio Lower Upper

63 100

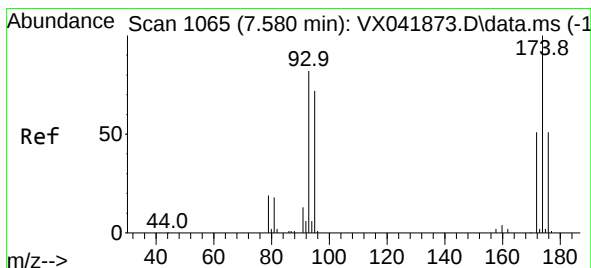
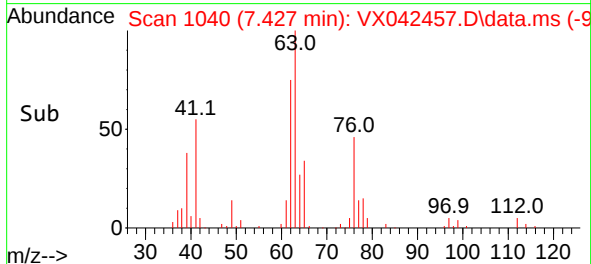
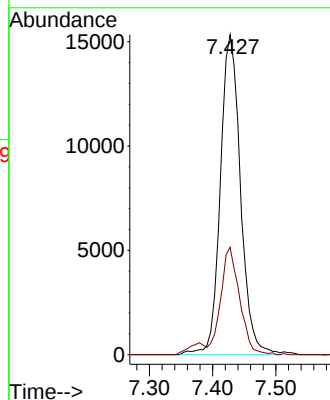
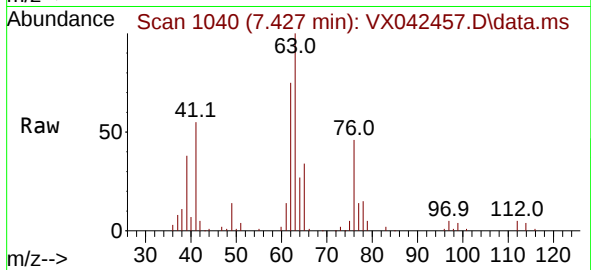
65 33.6 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#40

Dibromomethane

Concen: 19.397 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX042457.D

Acq: 23 Jul 2024 08:46

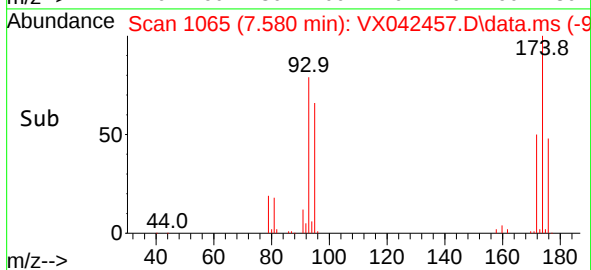
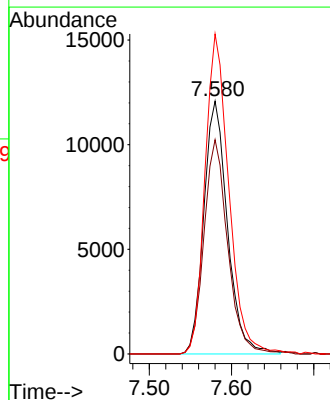
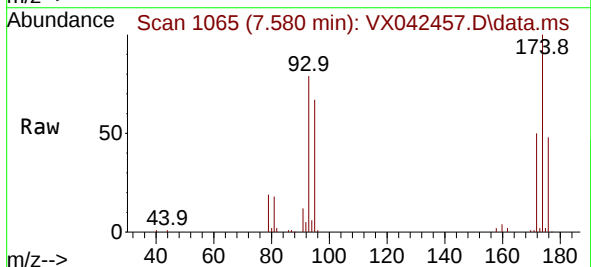
Tgt Ion: 93 Resp: 24223

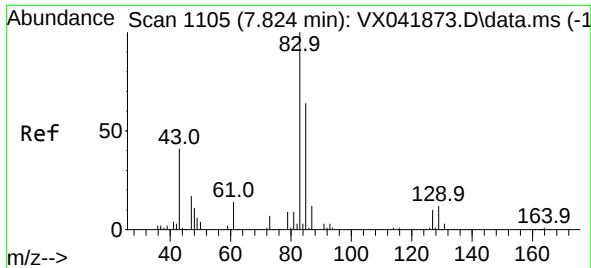
Ion Ratio Lower Upper

93 100

95 84.5 0.0 168.6

174 126.8 0.0 255.0





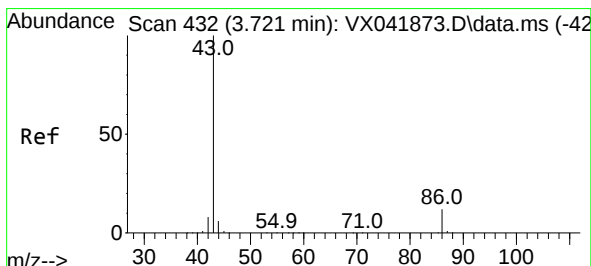
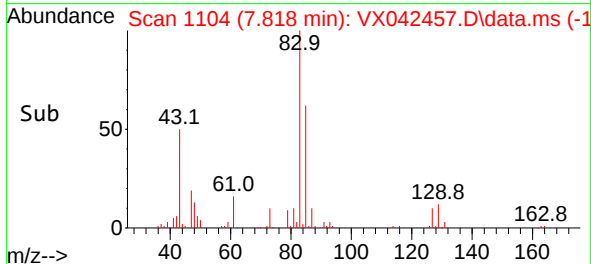
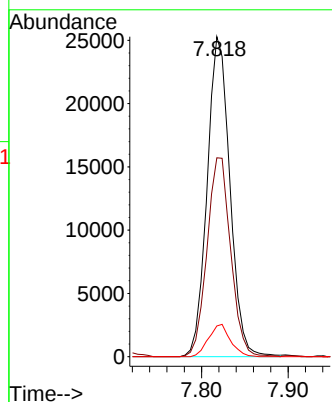
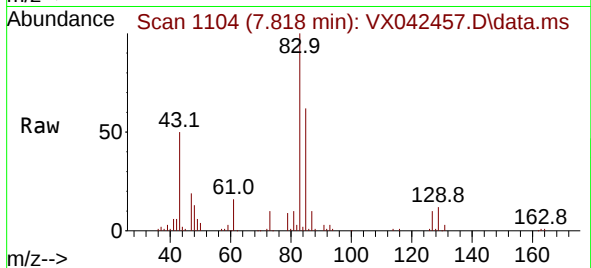
#41
Bromodichloromethane
Concen: 19.723 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 4619
Ion Ratio Lower Upper
83 100
85 62.1 51.1 76.7
127 9.6 8.1 12.1

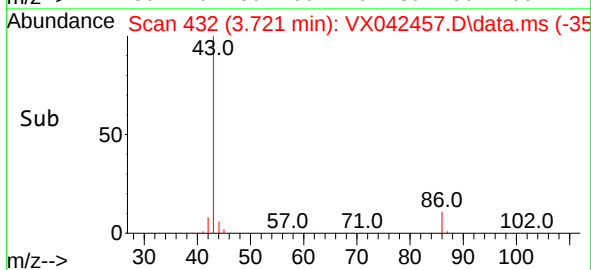
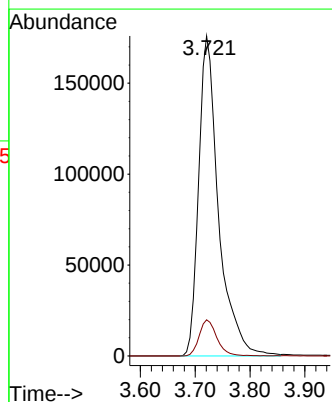
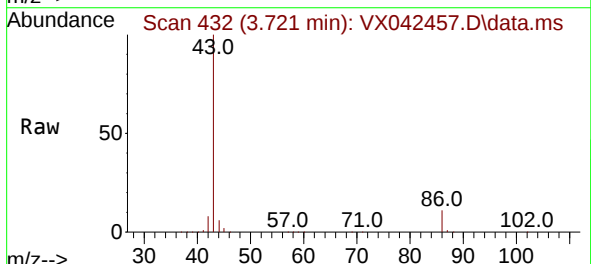
Manual Integrations
APPROVED

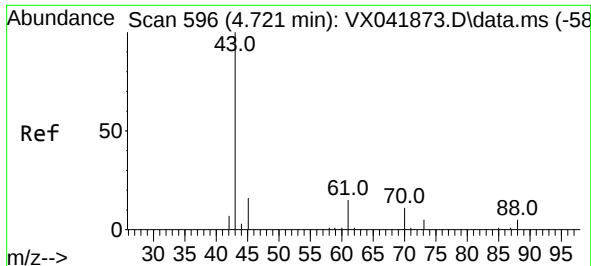
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#42
Vinyl Acetate
Concen: 96.016 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

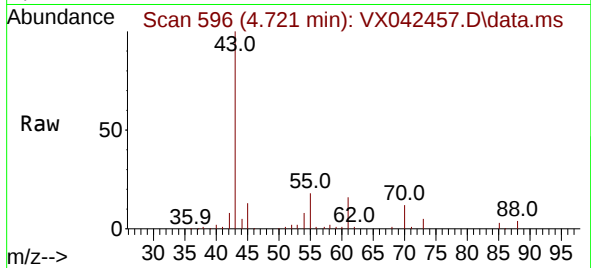
Tgt Ion: 43 Resp: 444543
Ion Ratio Lower Upper
43 100
86 10.0 8.5 12.7





#43
Ethyl Acetate
Concen: 20.213 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

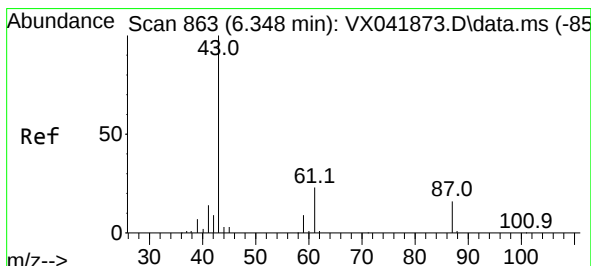
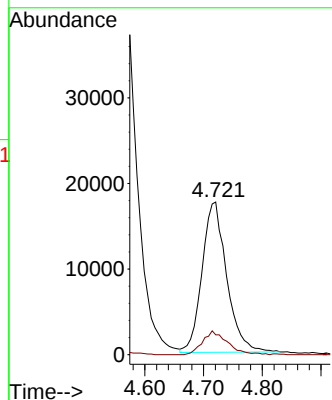
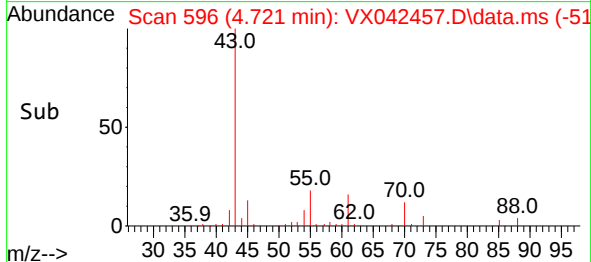
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



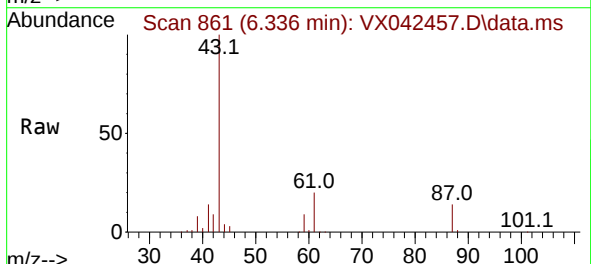
Tgt Ion: 43 Resp: 51334
Ion Ratio Lower Upper
43 100
45 15.5 12.4 18.6

Manual Integrations
APPROVED

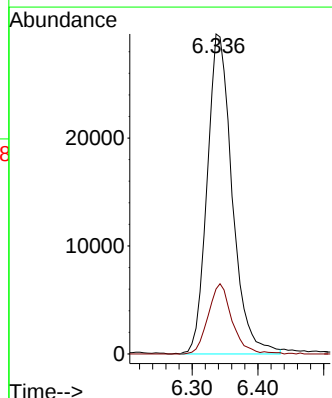
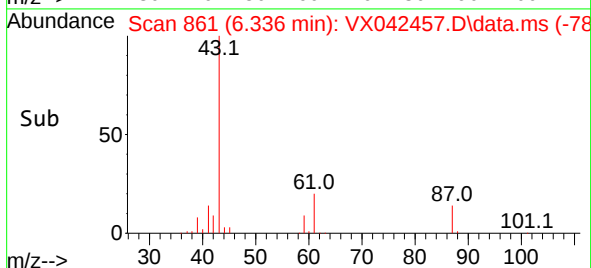
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

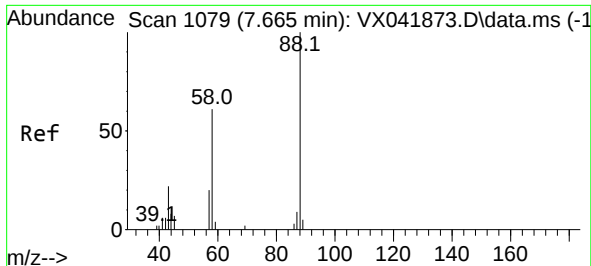


#44
Isopropyl Acetate
Concen: 19.689 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.012 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46



Tgt Ion: 43 Resp: 78550
Ion Ratio Lower Upper
43 100
61 20.6 17.4 26.0





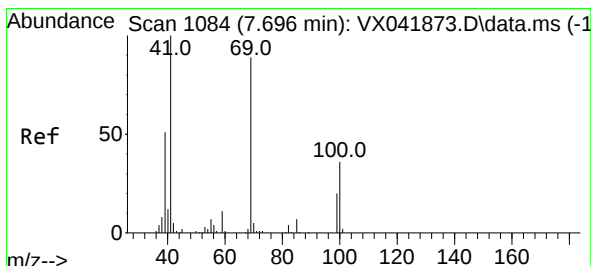
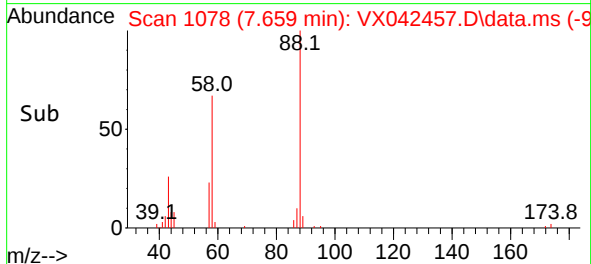
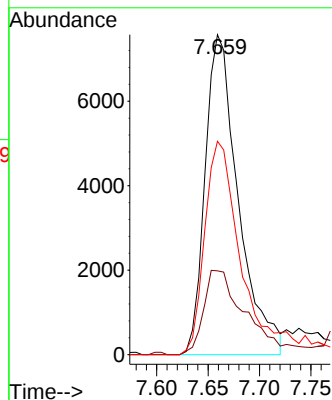
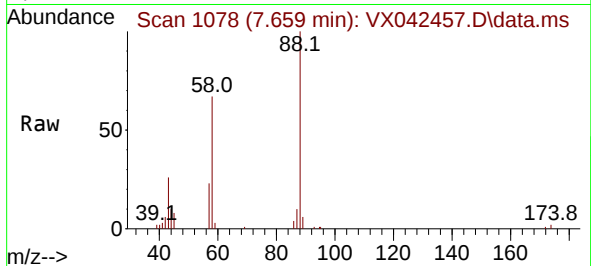
#45
1,4-Dioxane
Concen: 380.956 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 88 Resp: 1702
Ion Ratio Lower Upper
88 100
43 32.1 23.2 34.8
58 68.8 52.6 78.8

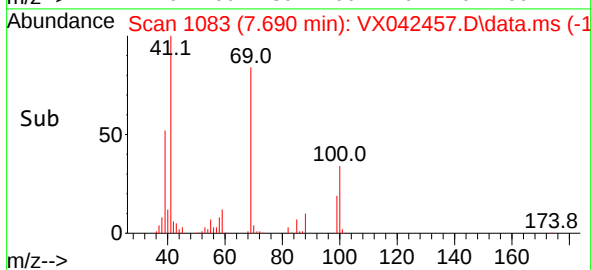
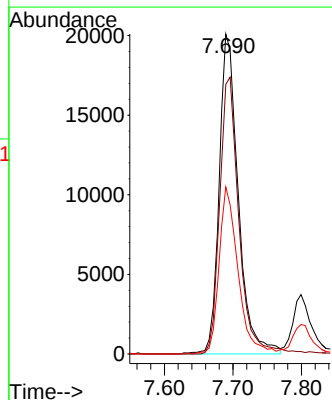
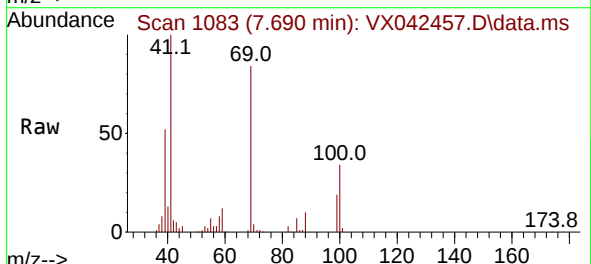
Manual Integrations
APPROVED

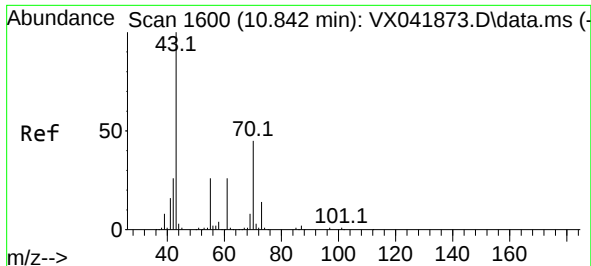
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#46
Methyl methacrylate
Concen: 19.934 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

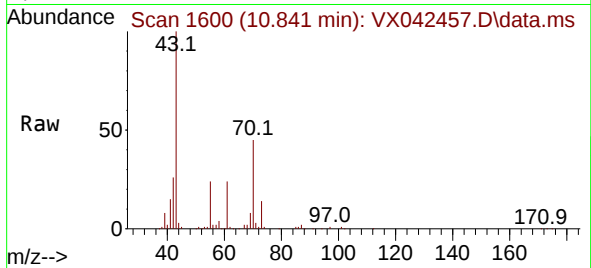
Tgt Ion: 41 Resp: 38756
Ion Ratio Lower Upper
41 100
69 84.2 44.4 133.1
39 52.2 25.5 76.5





#47
n-amy1 Acetate
Concen: 18.794 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

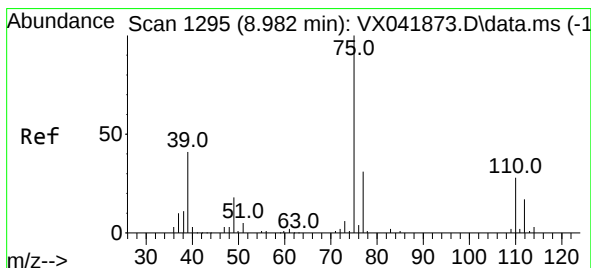
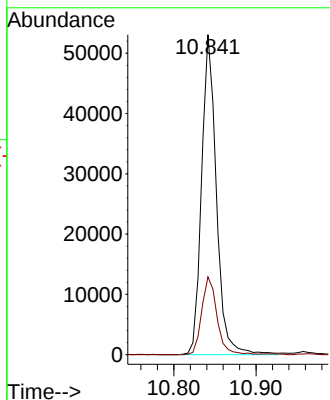
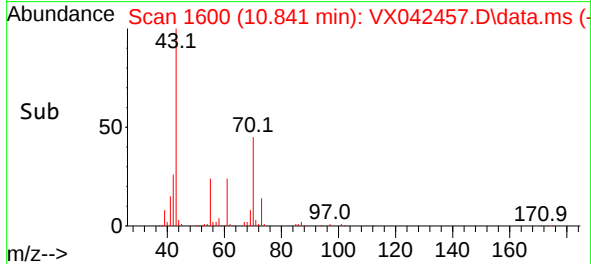
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 6662
Ion Ratio Lower Upper
43 100
55 25.0 21.0 31.4

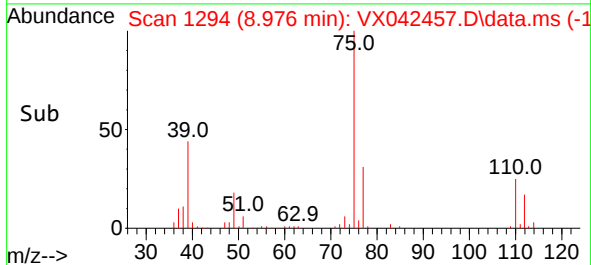
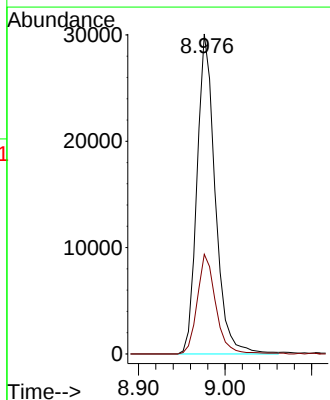
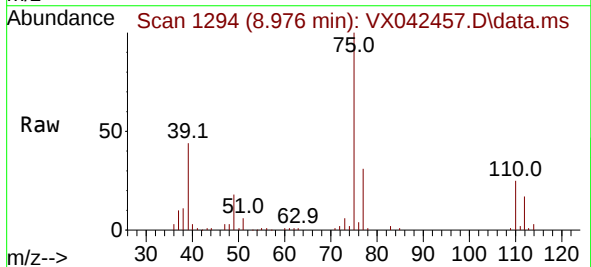
Manual Integrations
APPROVED

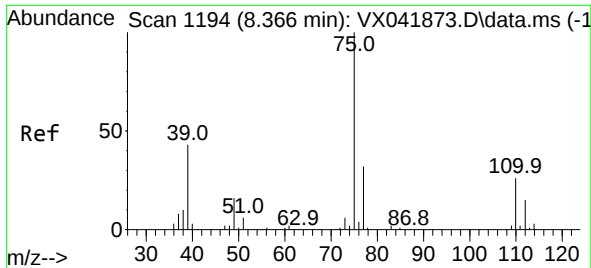
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#48
t-1,3-Dichloropropene
Concen: 18.825 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Tgt Ion: 75 Resp: 43957
Ion Ratio Lower Upper
75 100
77 31.2 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 19.441 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX042457.D

Acq: 23 Jul 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 5102

Ion Ratio Lower Upper

75 100

77 31.4 25.8 38.8

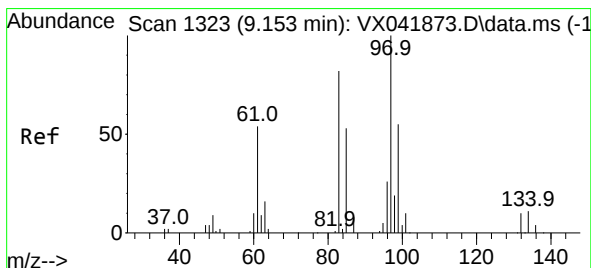
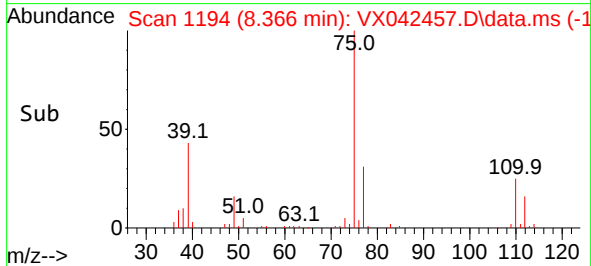
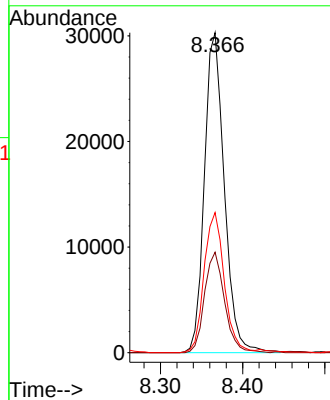
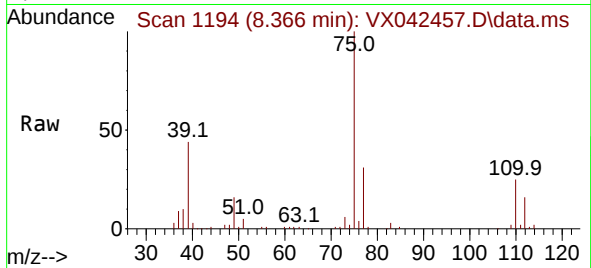
39 43.8 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#50

1,1,2-Trichloroethane

Concen: 19.922 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX042457.D

Acq: 23 Jul 2024 08:46

Tgt Ion: 97 Resp: 36484

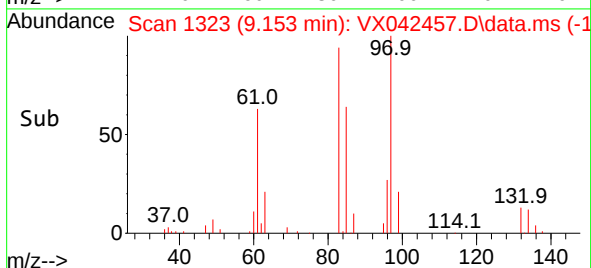
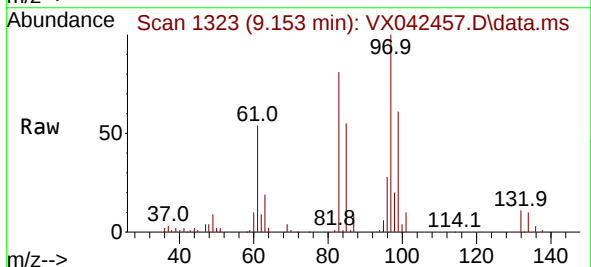
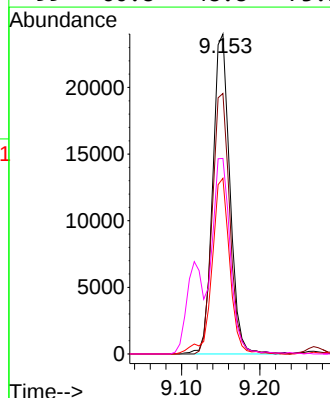
Ion Ratio Lower Upper

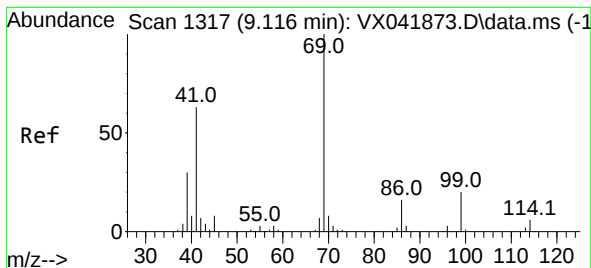
97 100

83 81.4 65.9 98.9

85 54.9 42.9 64.3

99 60.8 48.8 73.2





#51

Ethyl methacrylate

Concen: 18.519 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX042457.D

Acq: 23 Jul 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

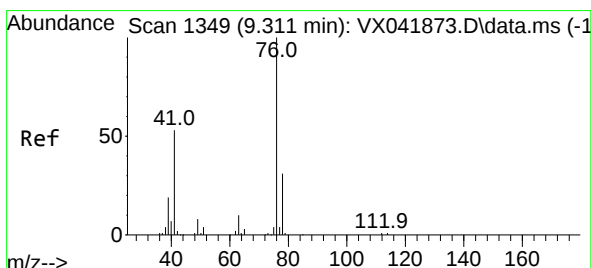
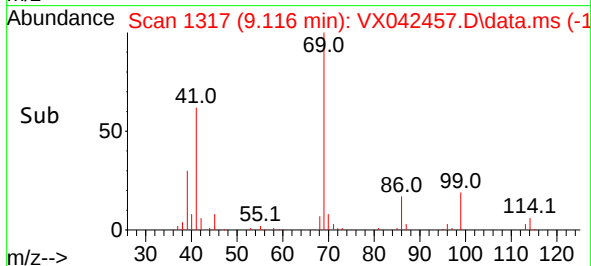
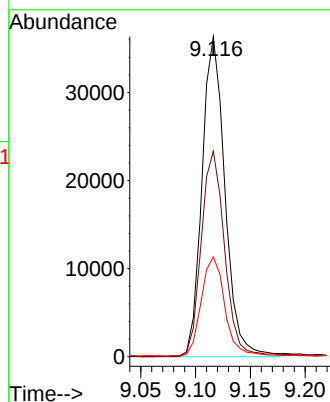
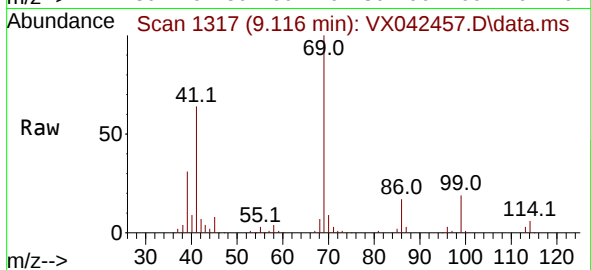
Tgt Ion:	69	Resp:	5303
Ion Ratio	Lower	Upper	
69	100		
41	63.8	31.6	94.7
39	31.0	15.3	45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#52

1,3-Dichloropropane

Concen: 19.706 ug/l

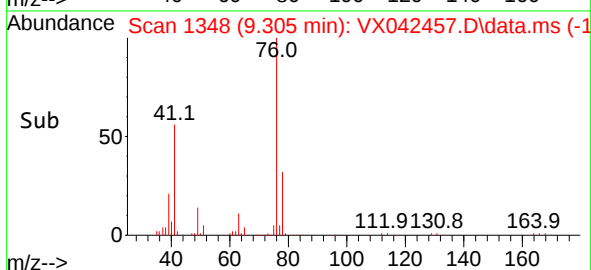
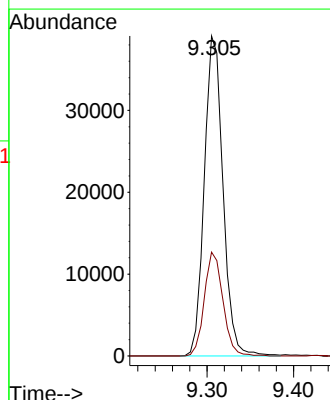
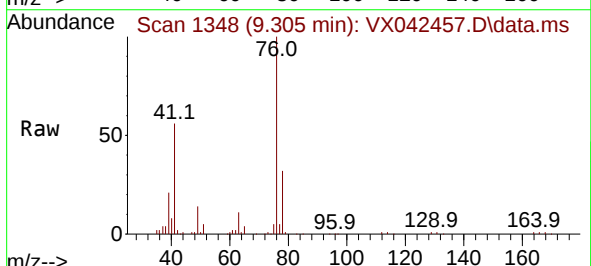
RT: 9.305 min Scan# 1348

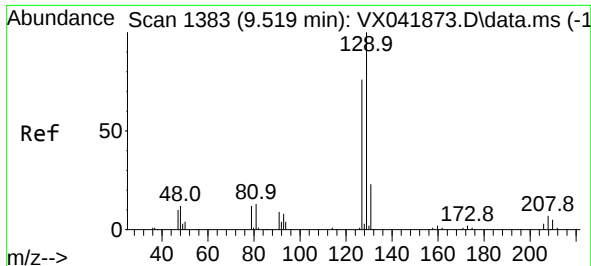
Delta R.T. -0.006 min

Lab File: VX042457.D

Acq: 23 Jul 2024 08:46

Tgt Ion:	76	Resp:	58623
Ion Ratio	Lower	Upper	
76	100		
78	32.2	0.0	66.0





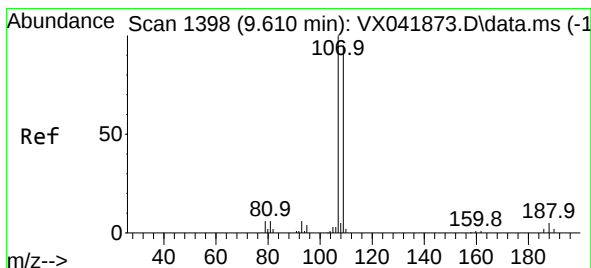
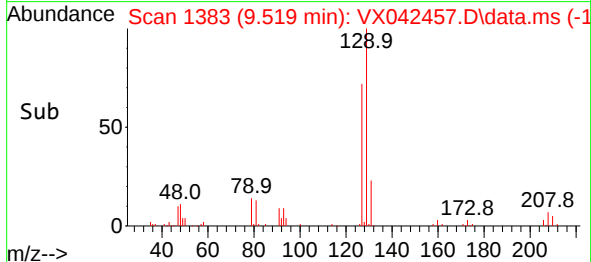
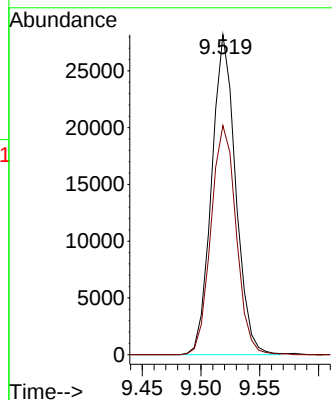
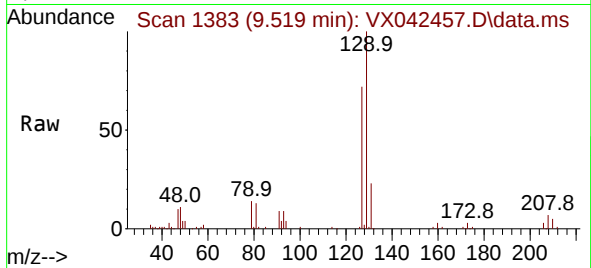
#53
Dibromochloromethane
Concen: 19.908 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 4006
Ion Ratio Lower Upper
129 100
127 74.9 38.8 116.4

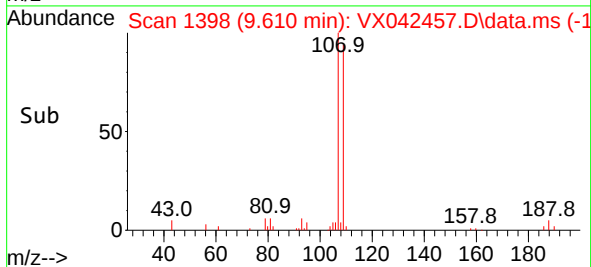
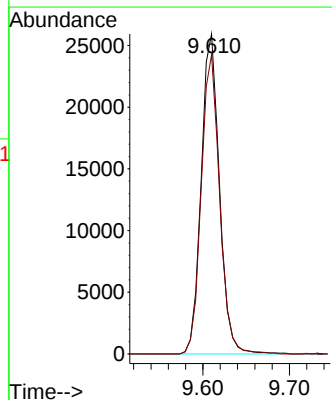
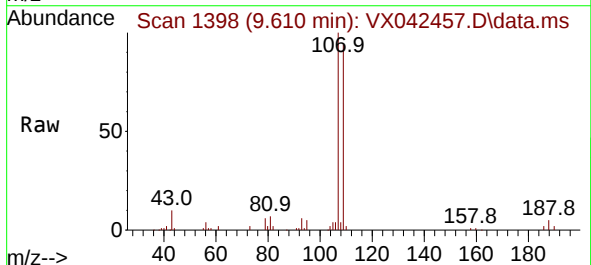
Manual Integrations
APPROVED

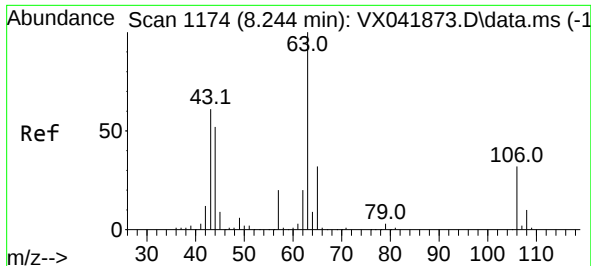
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#54
1,2-Dibromoethane
Concen: 19.944 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

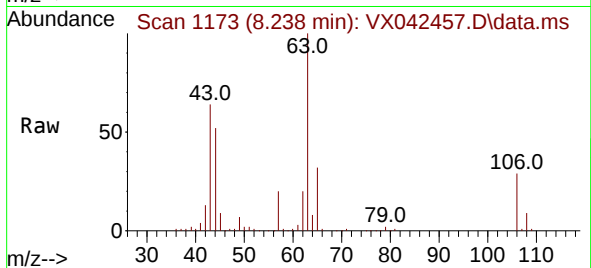
Tgt Ion:107 Resp: 37985
Ion Ratio Lower Upper
107 100
109 94.2 75.7 113.5





#55
2-Chloroethyl vinyl ether
Concen: 100.404 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

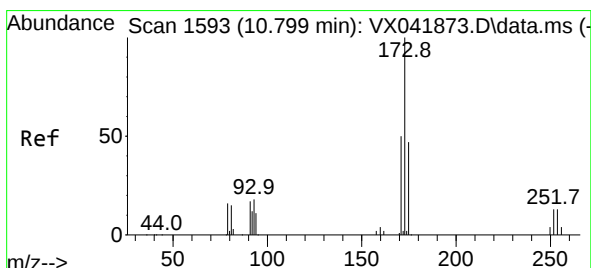
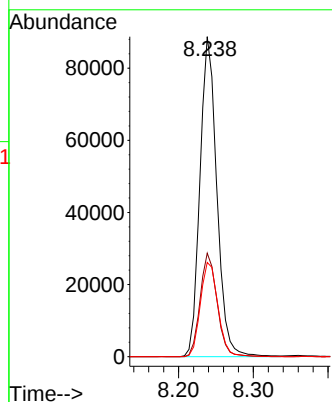
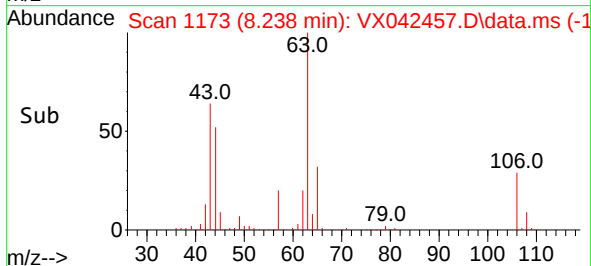
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 139375
Ion Ratio Lower Upper
63 100
65 32.3 25.7 38.5
106 30.6 25.3 37.9

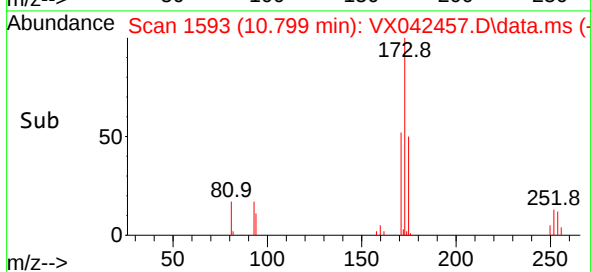
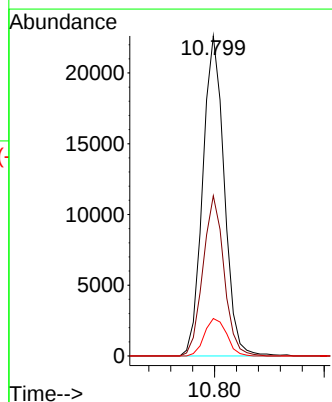
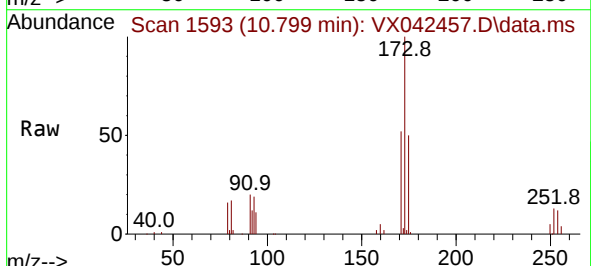
Manual Integrations
APPROVED

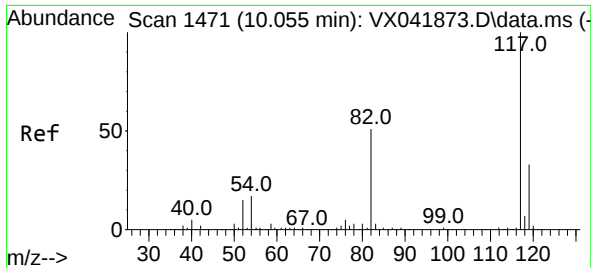
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#56
Bromoform
Concen: 18.990 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

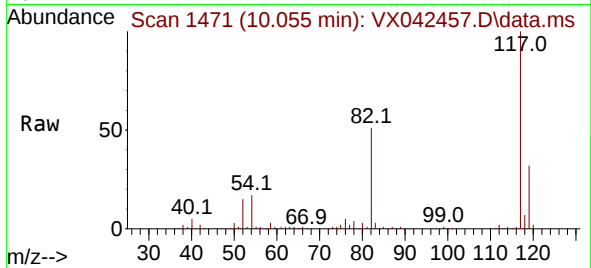
Tgt Ion:173 Resp: 30799
Ion Ratio Lower Upper
173 100
175 49.2 39.3 58.9
254 12.1 9.6 14.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

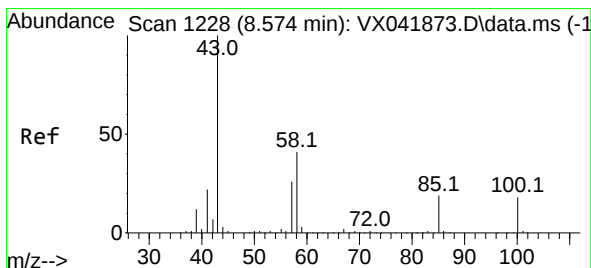
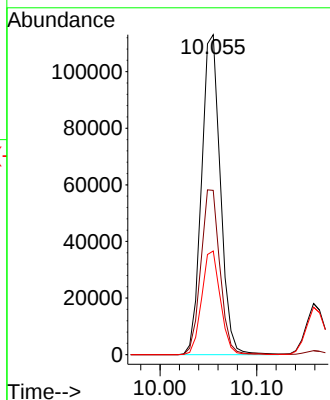
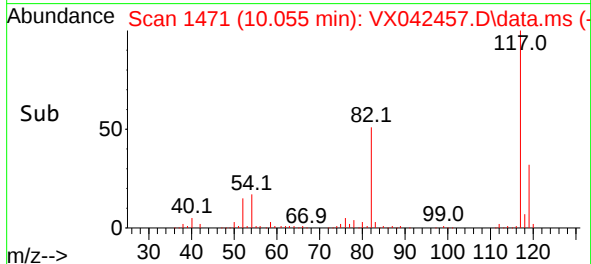
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 153597
Ion Ratio Lower Upper
117 100
82 51.9 41.1 61.7
119 32.2 26.1 39.1

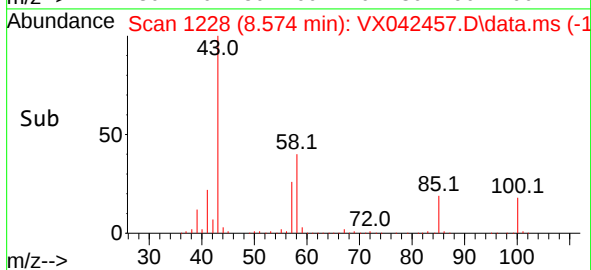
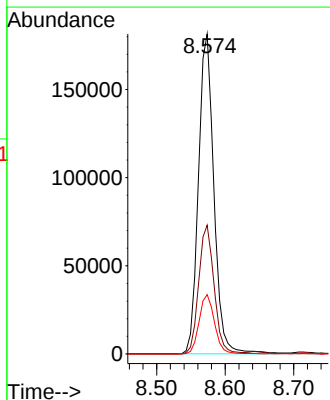
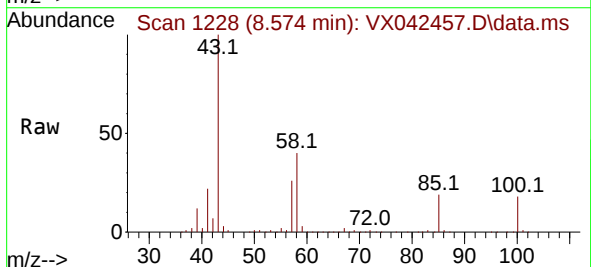
Manual Integrations
APPROVED

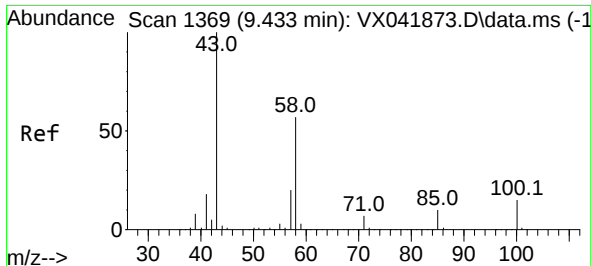
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#58
4-Methyl-2-Pentanone
Concen: 105.211 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

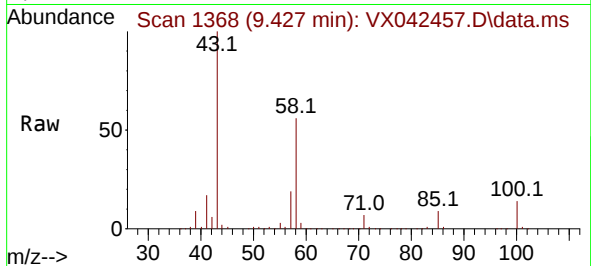
Tgt Ion: 43 Resp: 284805
Ion Ratio Lower Upper
43 100
58 40.1 33.2 49.8
85 18.6 15.5 23.3





#59
2-Hexanone
Concen: 103.252 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

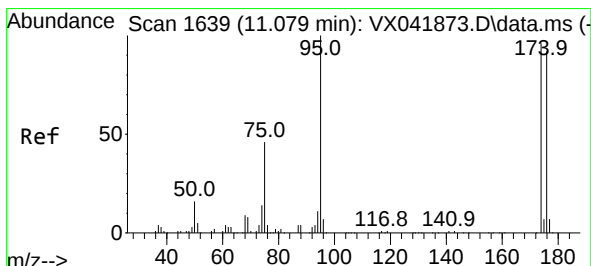
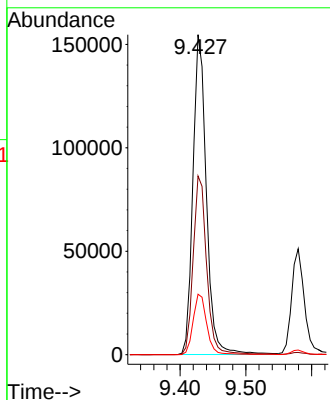
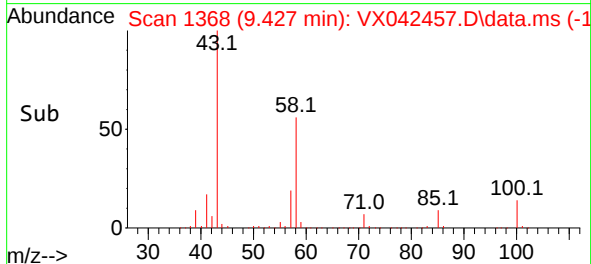
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 218918
Ion Ratio Lower Upper
43 100
58 55.7 46.0 69.0
57 19.2 15.8 23.6

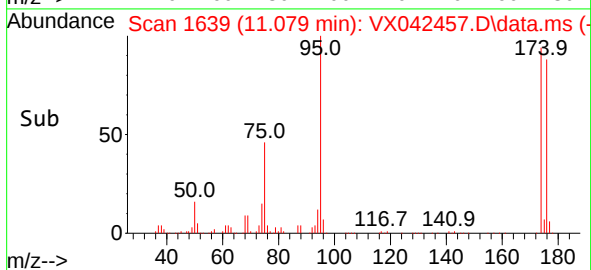
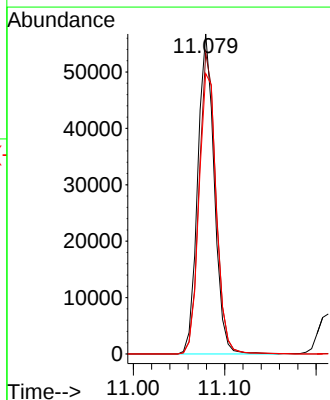
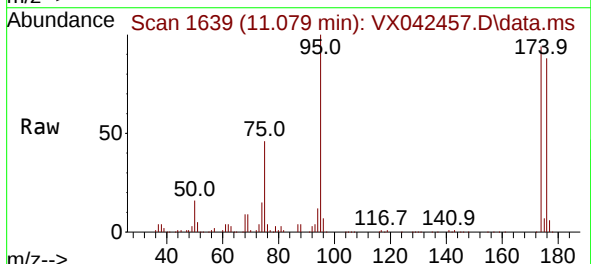
Manual Integrations
APPROVED

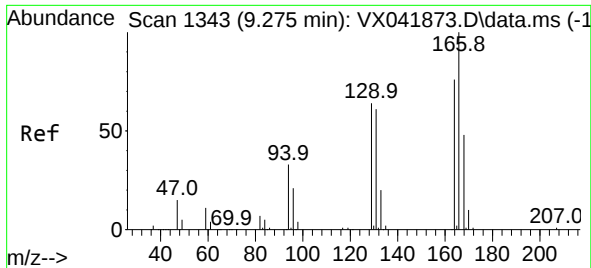
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#60
4-Bromofluorobenzene
Concen: 29.805 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

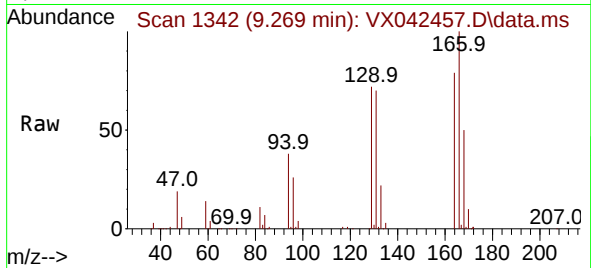
Tgt Ion: 95 Resp: 71228
Ion Ratio Lower Upper
95 100
174 95.5 78.9 118.3
176 92.4 77.1 115.7





#61
Tetrachloroethene
Concen: 20.914 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

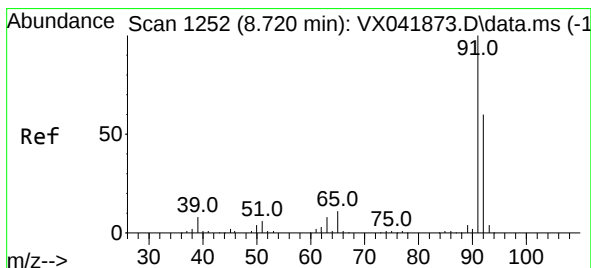
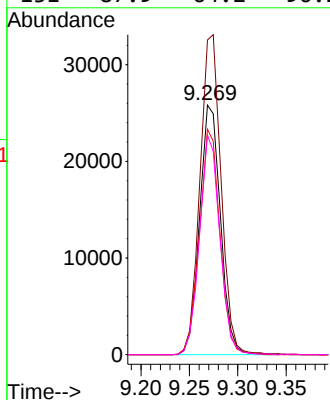
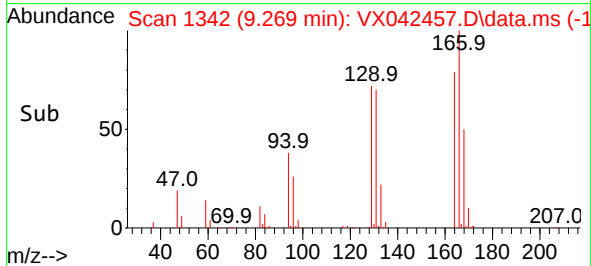
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:164 Resp: 38969
Ion Ratio Lower Upper
164 100
166 125.8 105.0 157.6
129 90.3 67.1 100.7
131 87.9 64.2 96.2

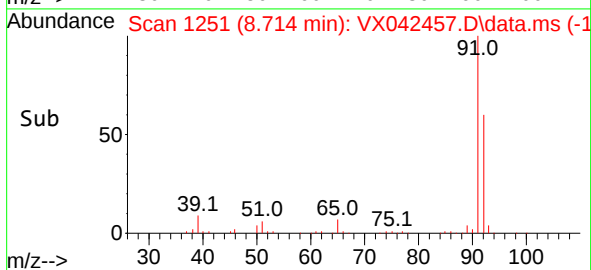
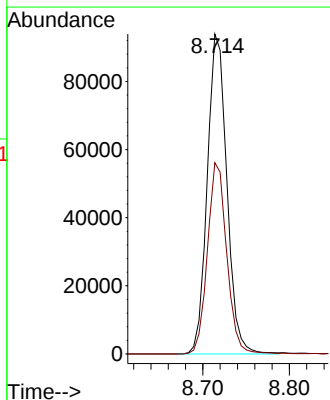
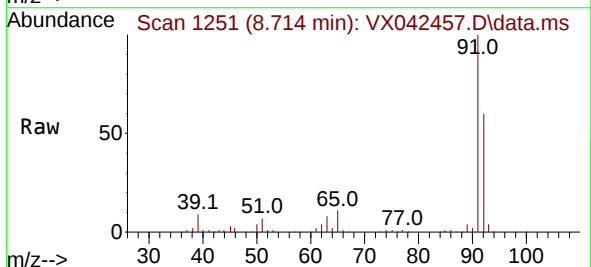
Manual Integrations
APPROVED

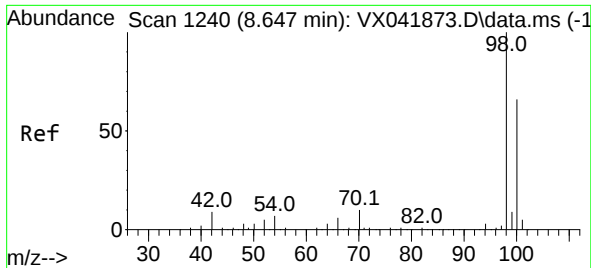
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#62
Toluene
Concen: 19.238 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

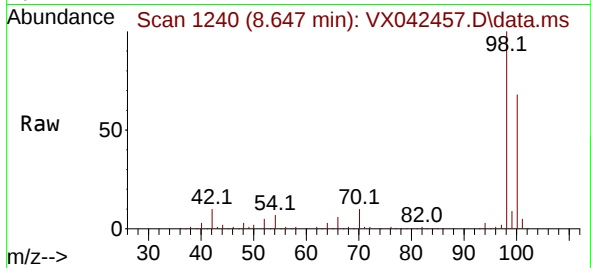
Tgt Ion: 91 Resp: 147730
Ion Ratio Lower Upper
91 100
92 58.7 47.4 71.2





#63
Toluene-d8
Concen: 30.152 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

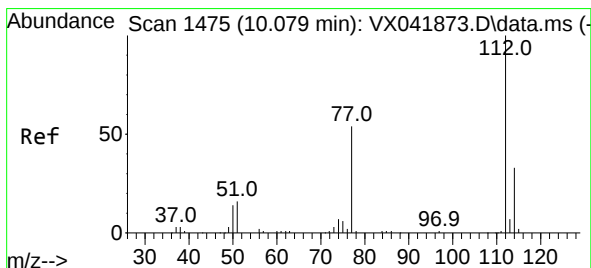
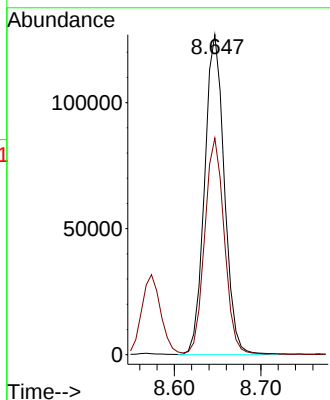
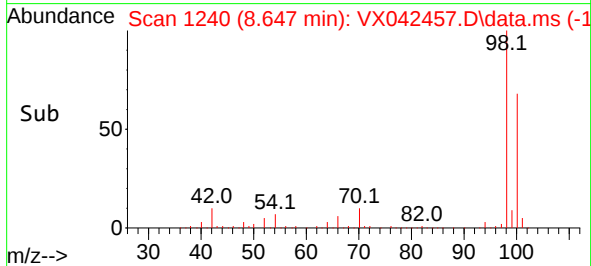
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



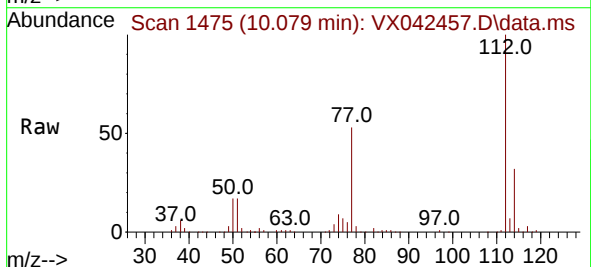
Tgt Ion: 98 Resp: 201186
Ion Ratio Lower Upper
98 100
100 67.4 52.7 79.1

Manual Integrations
APPROVED

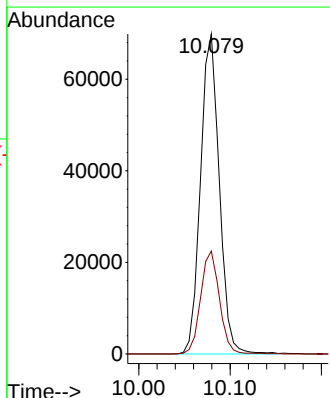
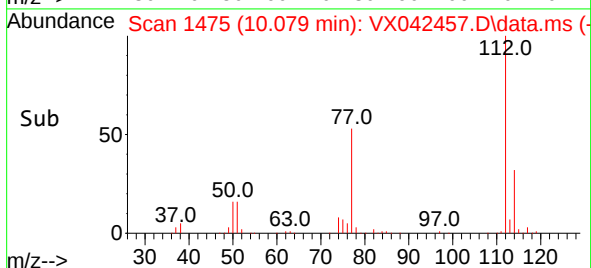
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

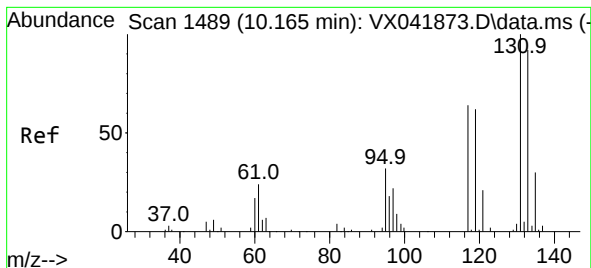


#64
Chlorobenzene
Concen: 19.209 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46



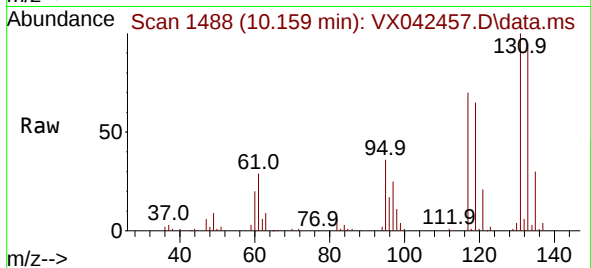
Tgt Ion:112 Resp: 99545
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4





#65
1,1,1,2-Tetrachloroethane
Concen: 18.992 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

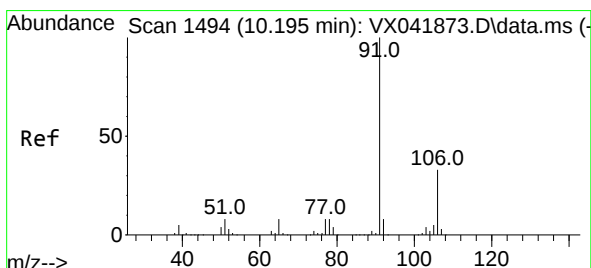
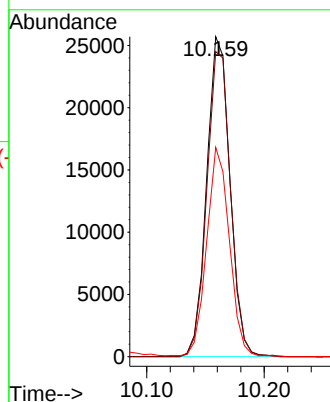
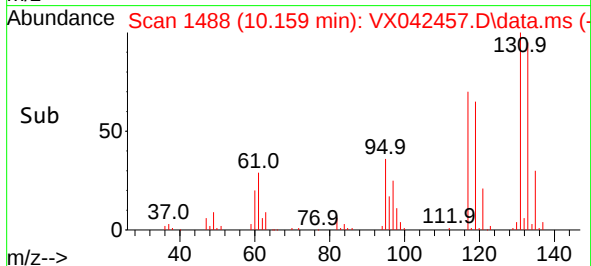
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:131 Resp: 3541
Ion Ratio Lower Upper
131 100
133 96.8 0.0 194.8
119 63.0 0.0 127.6

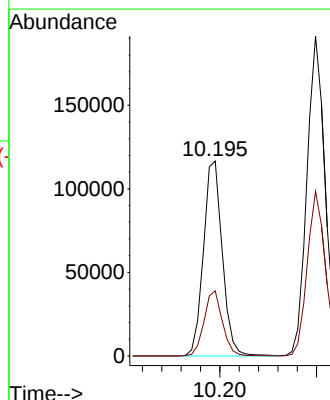
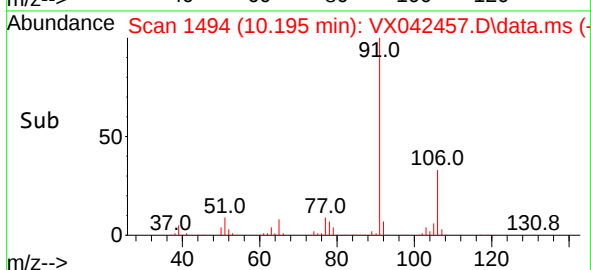
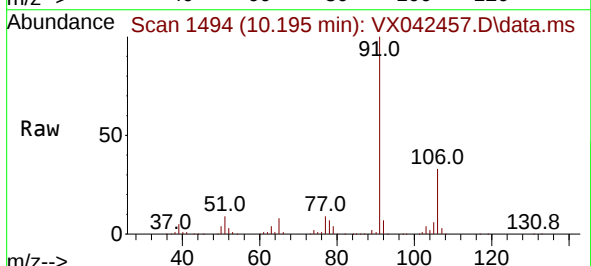
Manual Integrations
APPROVED

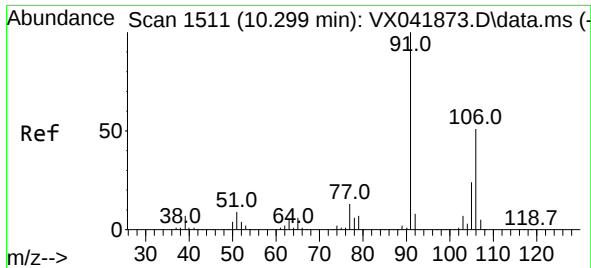
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#66
Ethyl Benzene
Concen: 18.921 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Tgt Ion: 91 Resp: 158336
Ion Ratio Lower Upper
91 100
106 33.4 26.4 39.6





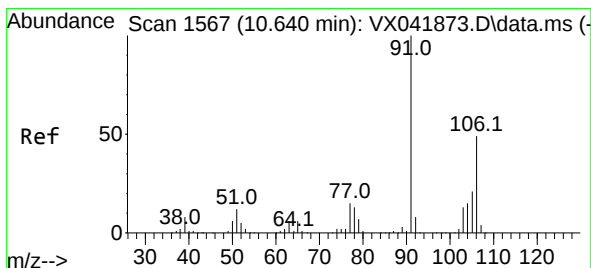
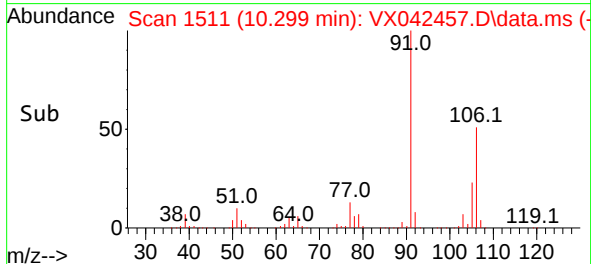
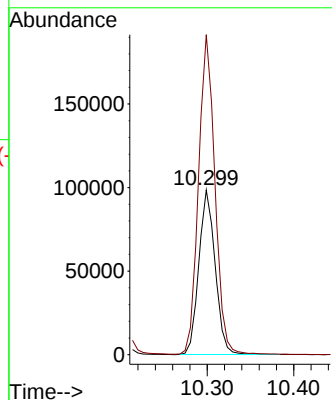
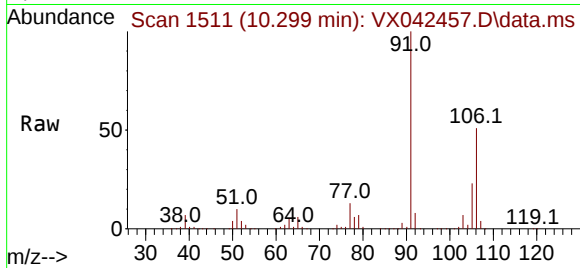
#67
m/p-Xylenes
Concen: 38.586 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 129098
Ion Ratio Lower Upper
106 100
91 196.0 157.0 235.6

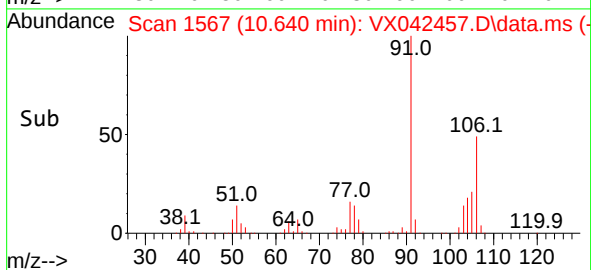
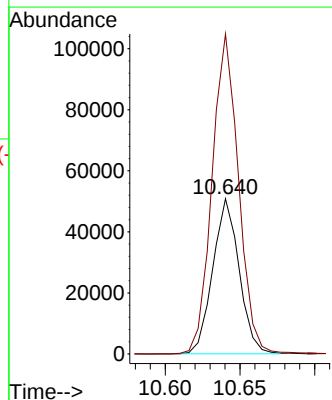
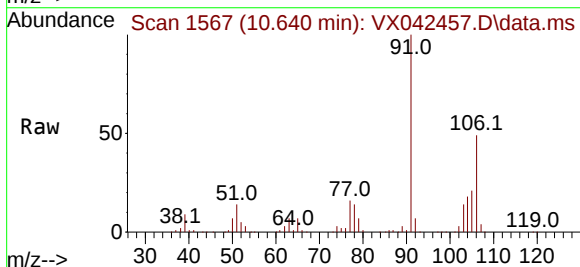
Manual Integrations
APPROVED

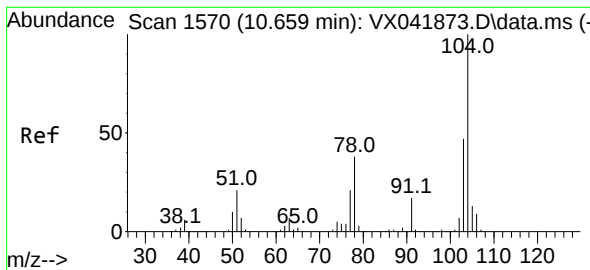
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#68
o-Xylene
Concen: 18.682 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Tgt Ion:106 Resp: 62206
Ion Ratio Lower Upper
106 100
91 207.9 103.2 309.6





#69

Styrene

Concen: 18.916 ug/l

RT: 10.653 min Scan# 1570

Delta R.T. -0.006 min

Lab File: VX042457.D

Acq: 23 Jul 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:104 Resp: 105932

Ion Ratio Lower Upper

104 100

78 46.9 36.5 54.7

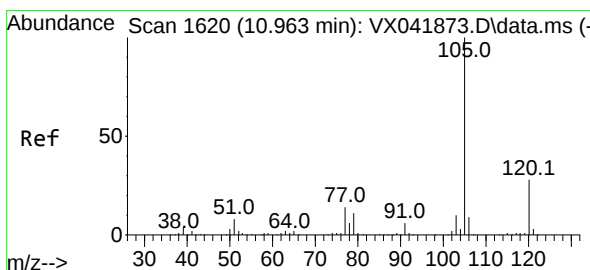
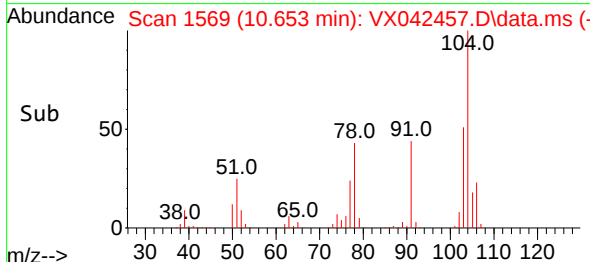
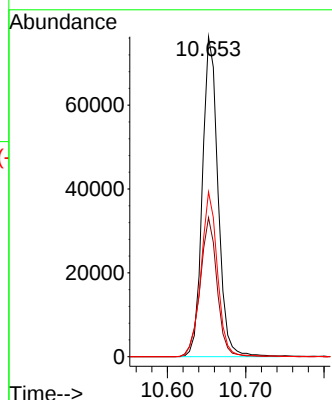
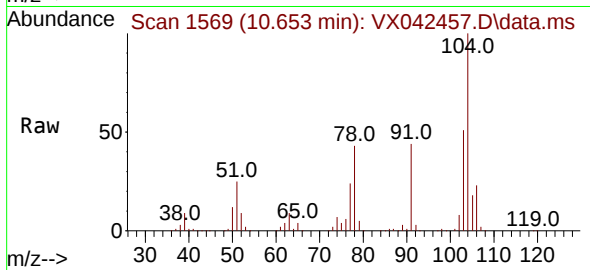
103 54.1 43.4 65.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#70

Isopropylbenzene

Concen: 19.505 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX042457.D

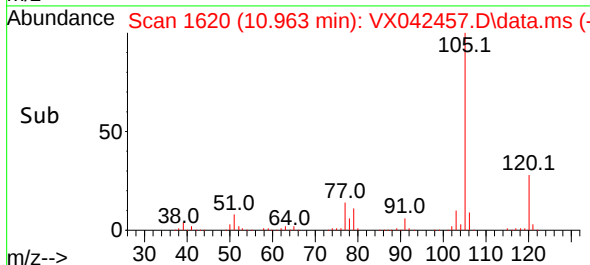
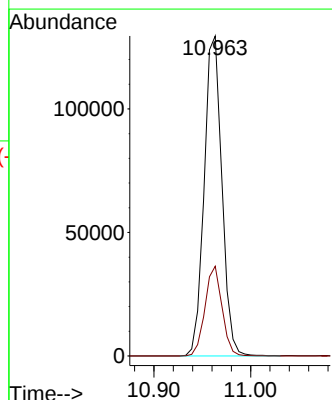
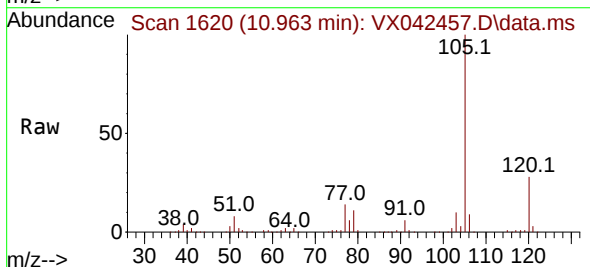
Acq: 23 Jul 2024 08:46

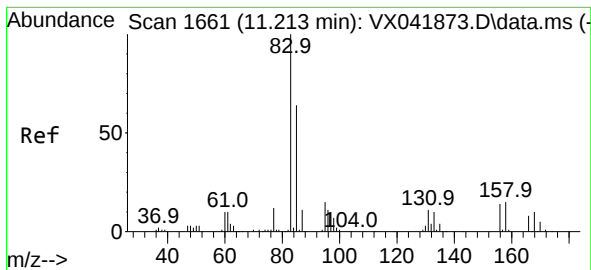
Tgt Ion:105 Resp: 165588

Ion Ratio Lower Upper

105 100

120 27.0 19.2 35.6





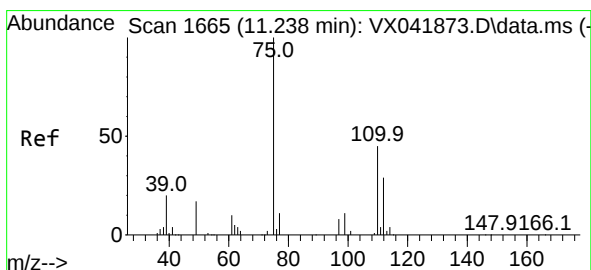
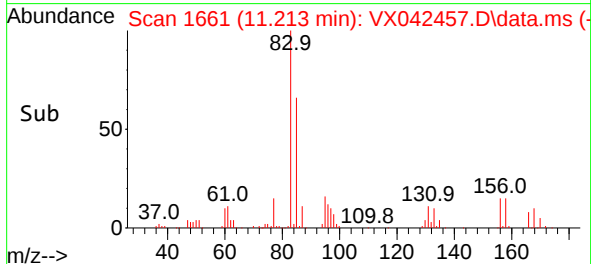
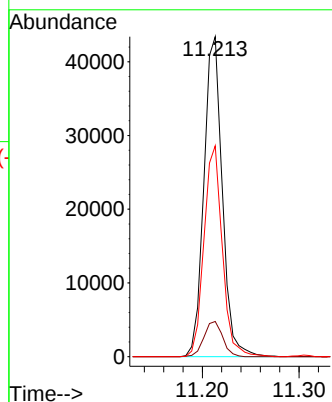
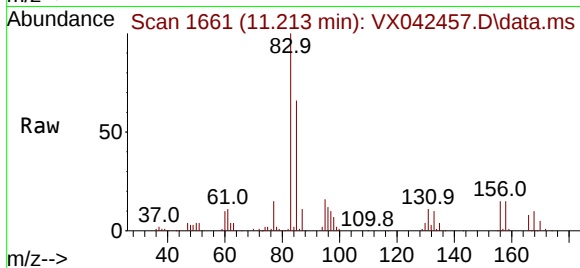
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.691 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. -0.000 min
 Lab File: VX042457.D
 Acq: 23 Jul 2024 08:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 83 Resp: 57524
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.5 16.7
 85 65.6 32.6 97.7

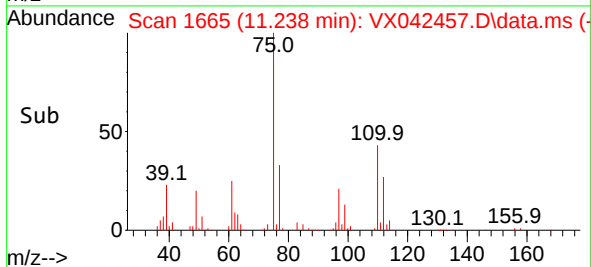
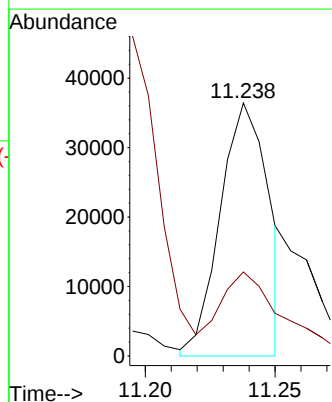
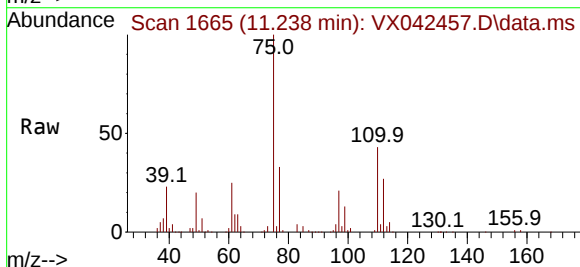
Manual Integrations
 APPROVED

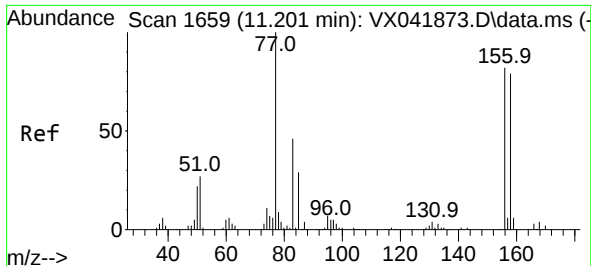
Reviewed By :John Carlone 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024



#72
 1,2,3-Trichloropropane
 Concen: 20.463 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX042457.D
 Acq: 23 Jul 2024 08:46

Tgt Ion: 75 Resp: 47465
 Ion Ratio Lower Upper
 75 100
 77 43.2 0.0 79.6





#73
Bromobenzene
Concen: 18.898 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

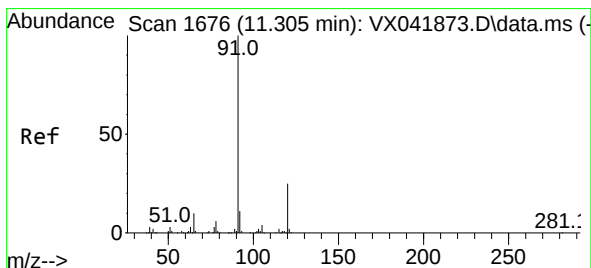
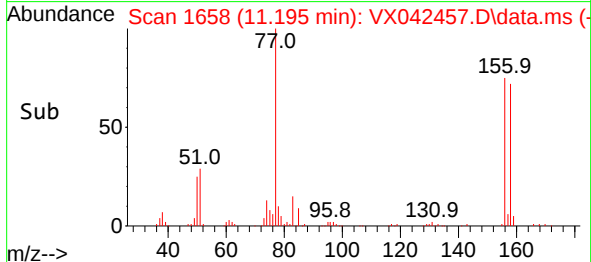
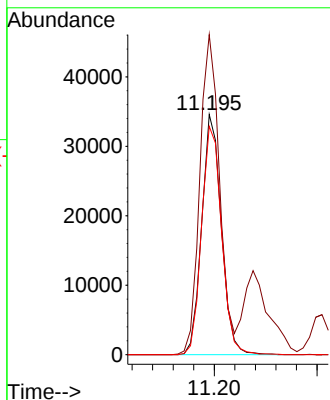
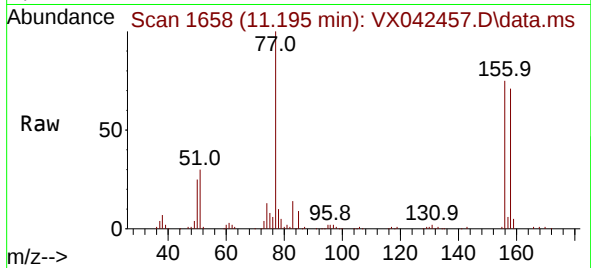
Tgt Ion:156 Resp: 45849
Ion Ratio Lower Upper
156 100
77 134.2 0.0 266.2
158 97.5 0.0 195.2

Manual Integrations

APPROVED

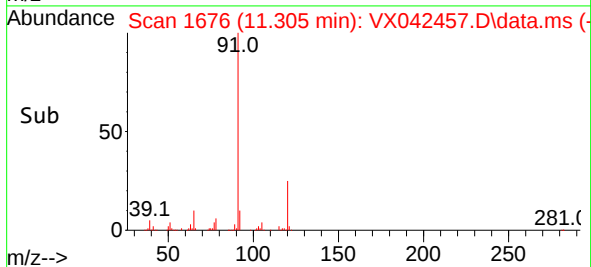
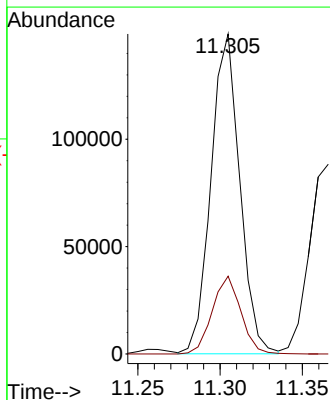
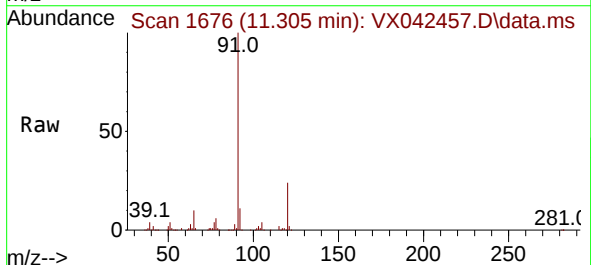
Reviewed By :John Carlone 07/24/2024

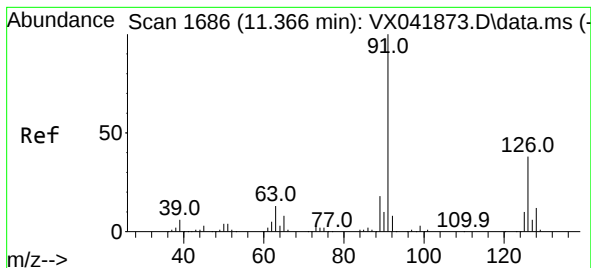
Supervised By :Mahesh Dadoda 07/24/2024



#74
n-propylbenzene
Concen: 19.353 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Tgt Ion: 91 Resp: 181502
Ion Ratio Lower Upper
91 100
120 24.1 0.0 49.6





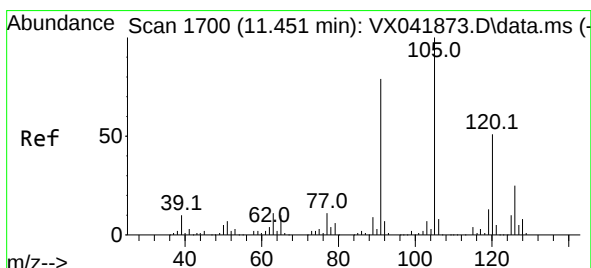
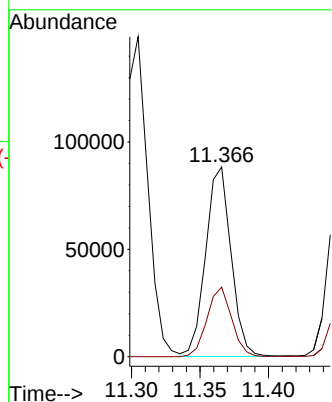
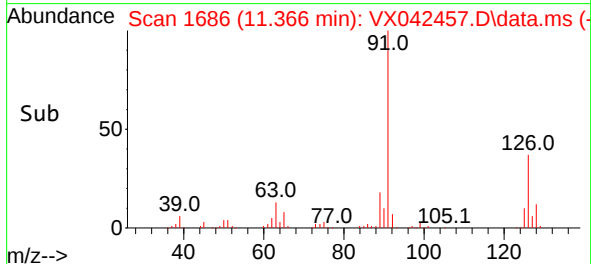
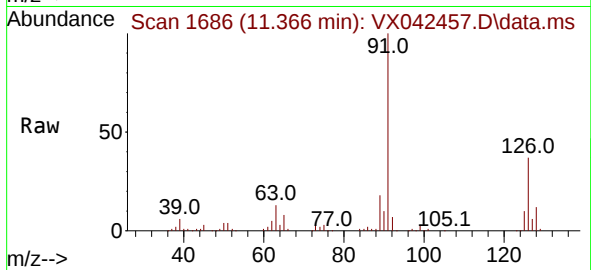
#75
2-Chlorotoluene
Concen: 19.260 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 113594
Ion Ratio Lower Upper
91 100
126 35.7 0.0 72.6

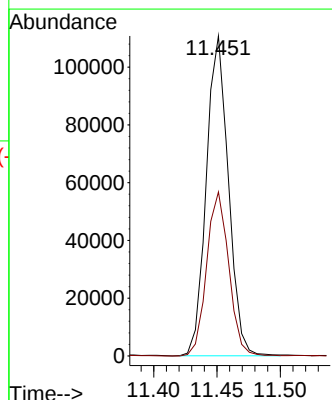
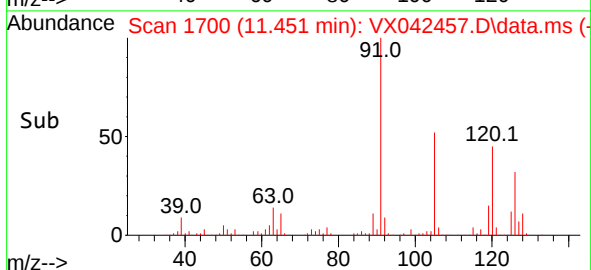
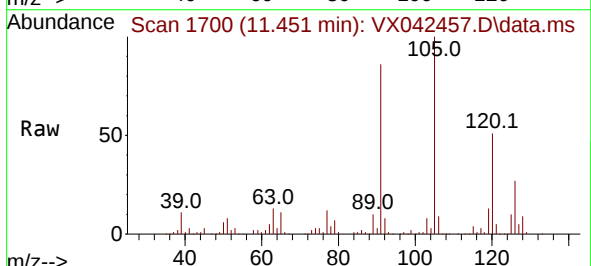
Manual Integrations
APPROVED

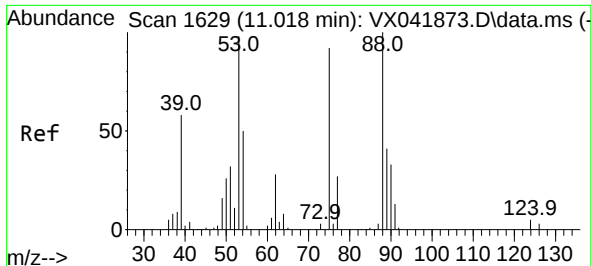
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#76
1,3,5-Trimethylbenzene
Concen: 18.970 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

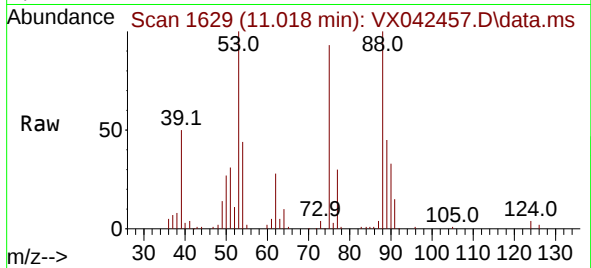
Tgt Ion:105 Resp: 134543
Ion Ratio Lower Upper
105 100
120 51.3 0.0 103.0





#77
t-1,4-Dichloro-2-butene
Concen: 18.536 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

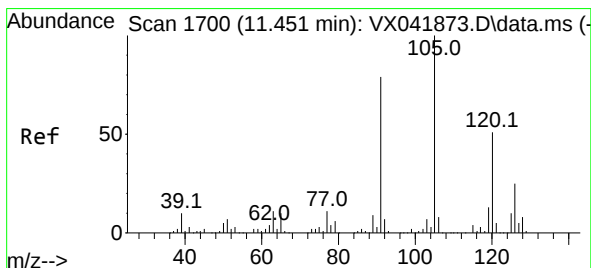
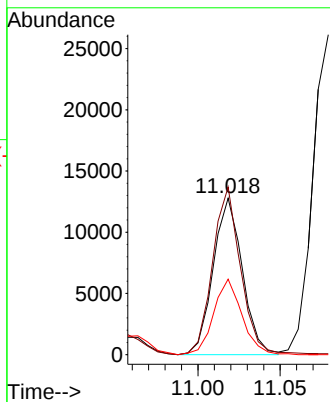
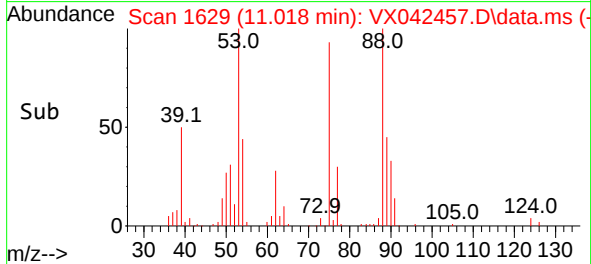
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 15770
Ion Ratio Lower Upper
75 100
53 107.2 53.4 160.2
89 48.3 22.5 67.5

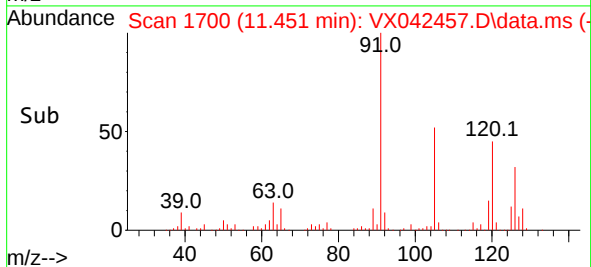
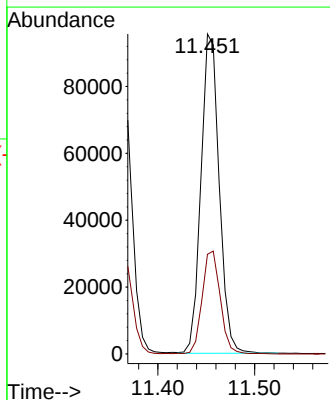
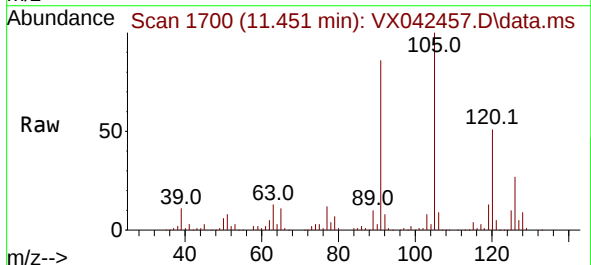
Manual Integrations
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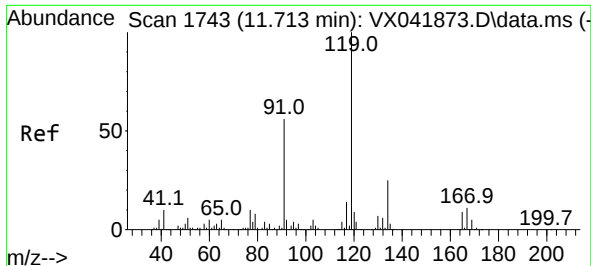
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#78
4-Chlorotoluene
Concen: 19.104 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Tgt Ion: 91 Resp: 125520
Ion Ratio Lower Upper
91 100
126 32.0 0.0 64.8





#79

tert-butylbenzene

Concen: 18.693 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX042457.D

Acq: 23 Jul 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:119 Resp: 14153

Ion Ratio Lower Upper

119 100

91 54.2 0.0 106.0

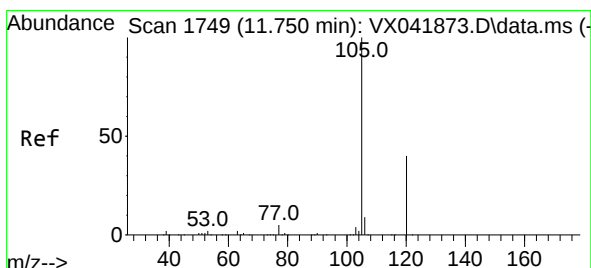
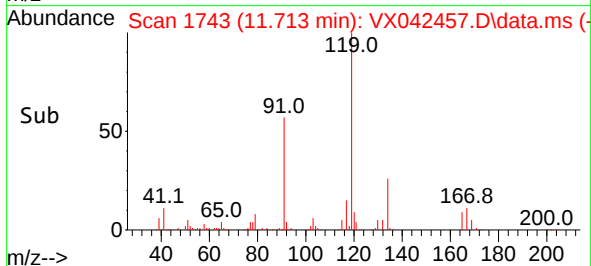
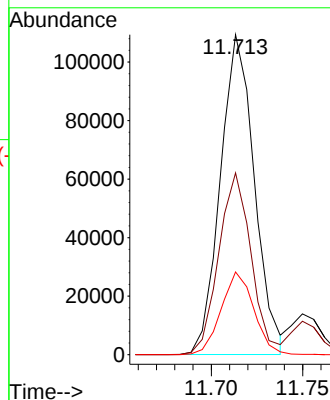
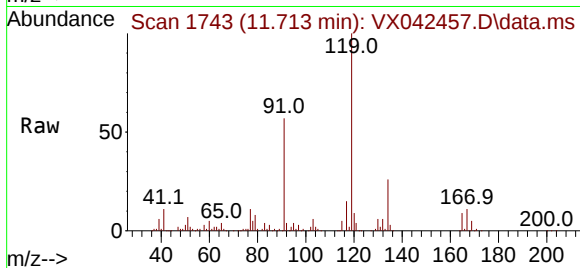
134 24.9 0.0 49.4

Manual Integrations

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Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#80

1,2,4-Trimethylbenzene

Concen: 19.098 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX042457.D

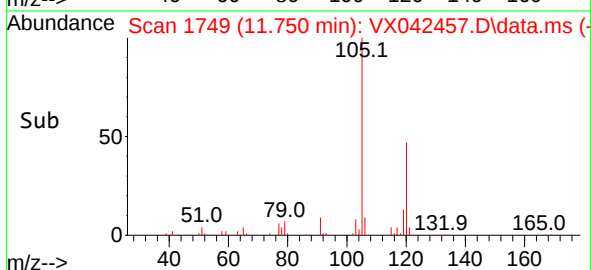
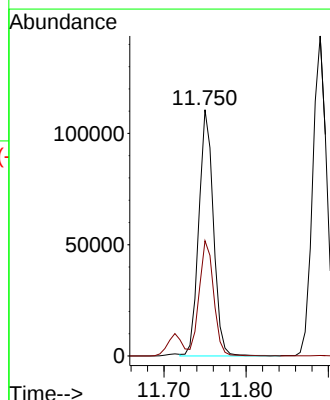
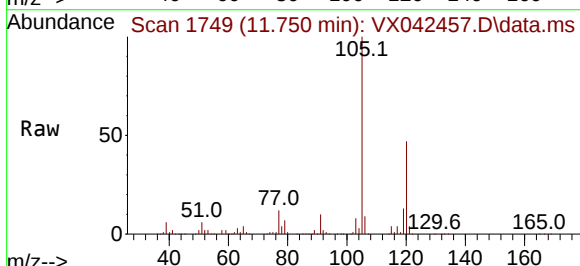
Acq: 23 Jul 2024 08:46

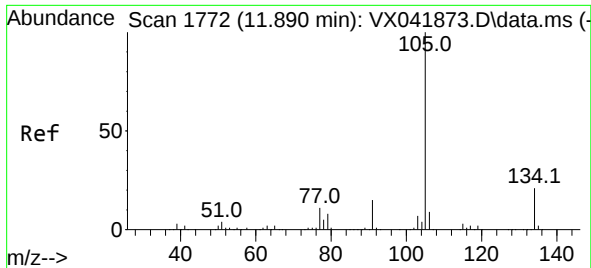
Tgt Ion:105 Resp: 136299

Ion Ratio Lower Upper

105 100

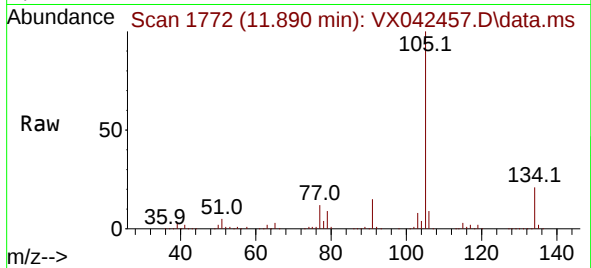
120 45.8 0.0 96.2





#81
 sec-Butylbenzene
 Concen: 19.196 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX042457.D
 Acq: 23 Jul 2024 08:46

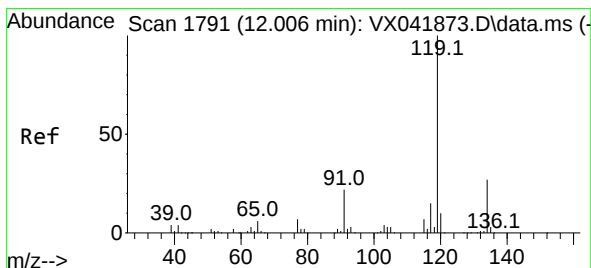
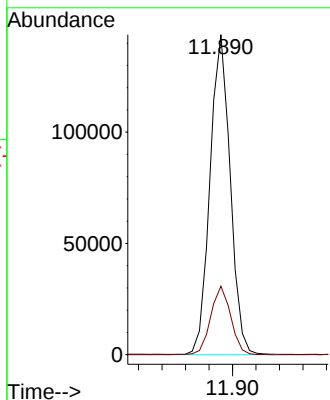
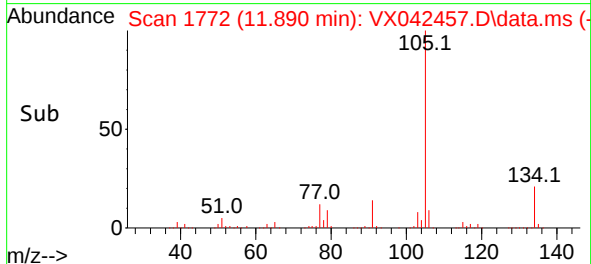
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



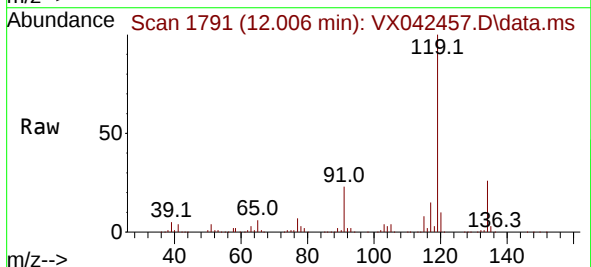
Tgt Ion:105 Resp: 17173
 Ion Ratio Lower Upper
 105 100
 134 21.2 0.0 43.2

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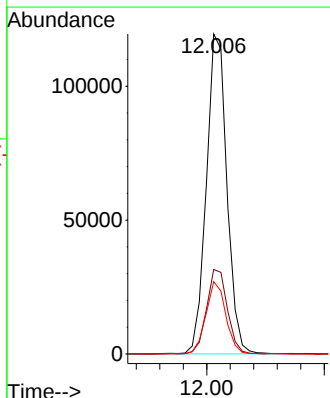
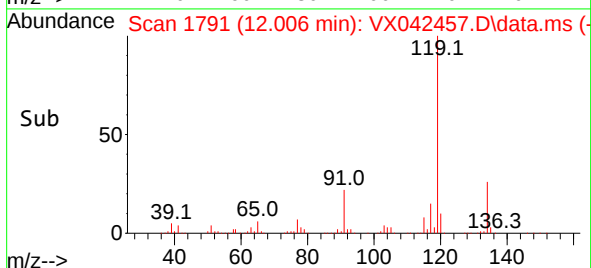
Reviewed By :John Carlone 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024

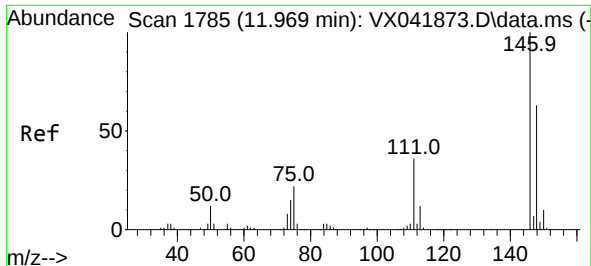


#82
 p-Isopropyltoluene
 Concen: 18.703 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX042457.D
 Acq: 23 Jul 2024 08:46



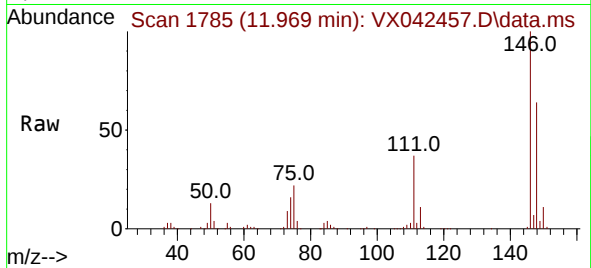
Tgt Ion:119 Resp: 145001
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 54.0
 91 21.9 0.0 42.2





#83
1,3-Dichlorobenzene
Concen: 18.975 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

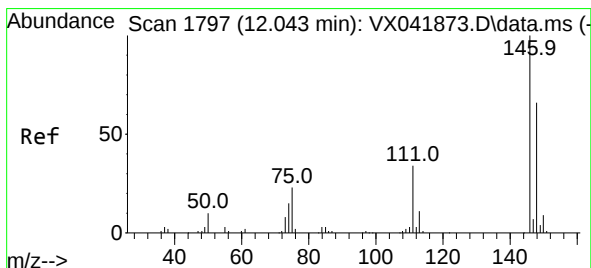
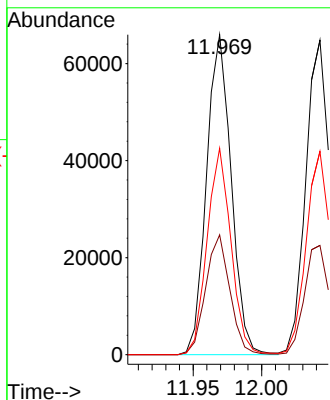
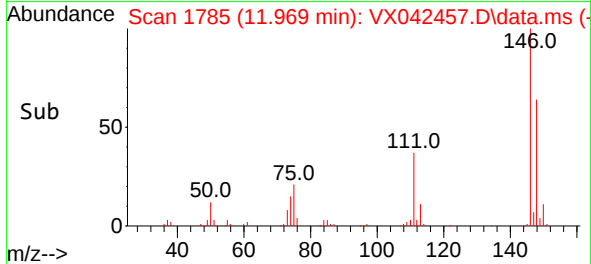
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



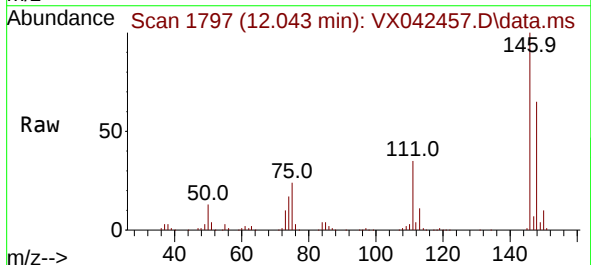
Tgt Ion:146 Resp: 8269
Ion Ratio Lower Upper
146 100
111 36.8 18.0 54.0
148 62.5 31.9 95.7

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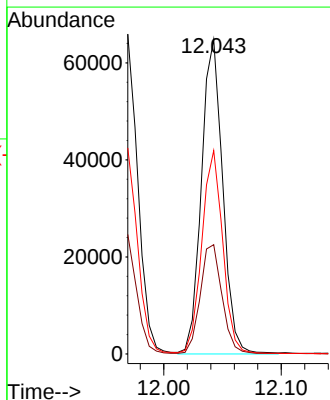
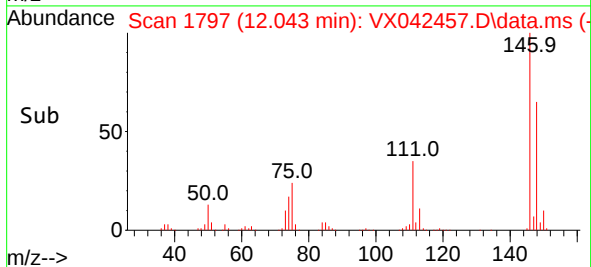
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

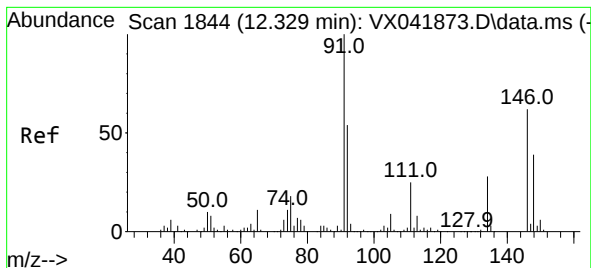


#84
1,4-Dichlorobenzene
Concen: 18.818 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46



Tgt Ion:146 Resp: 81456
Ion Ratio Lower Upper
146 100
111 35.7 17.4 52.3
148 63.9 32.3 96.9





#85

n-Butylbenzene

Concen: 18.508 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX042457.D

Acq: 23 Jul 2024 08:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 91 Resp: 112692

Ion Ratio Lower Upper

91 100

92 54.3 0.0 109.8

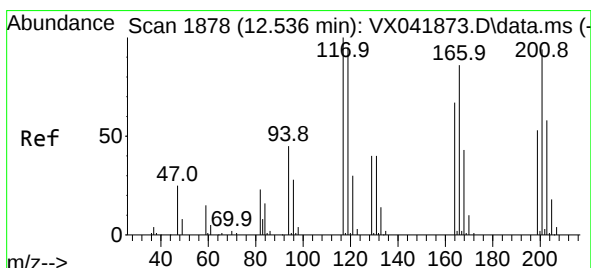
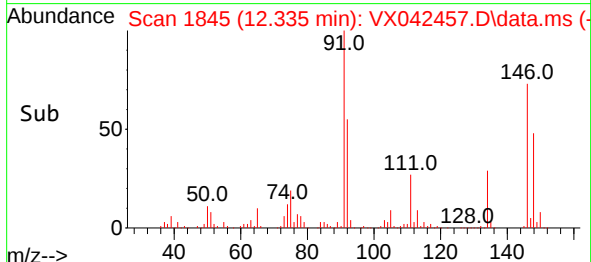
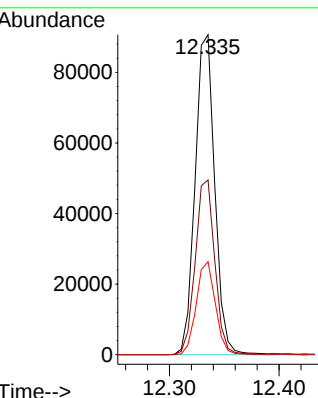
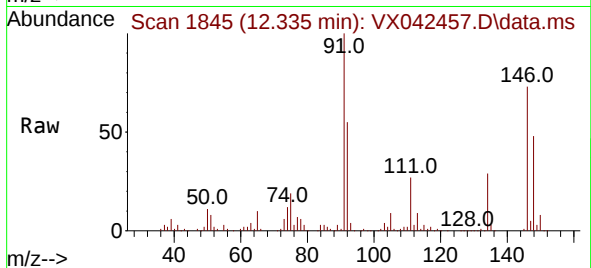
134 28.3 0.0 58.4

Manual Integrations

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Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#86

Hexachloroethane

Concen: 18.620 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX042457.D

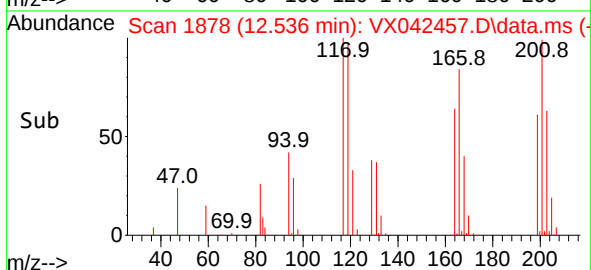
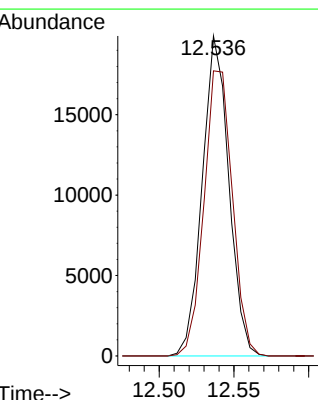
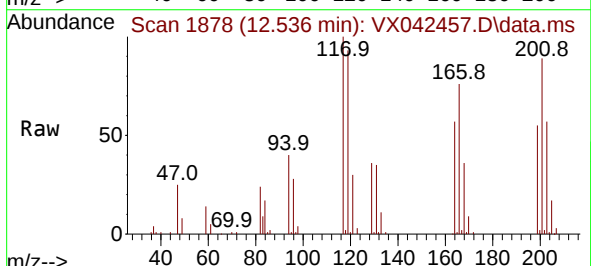
Acq: 23 Jul 2024 08:46

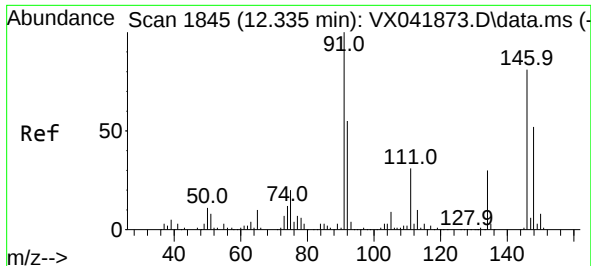
Tgt Ion:117 Resp: 24546

Ion Ratio Lower Upper

117 100

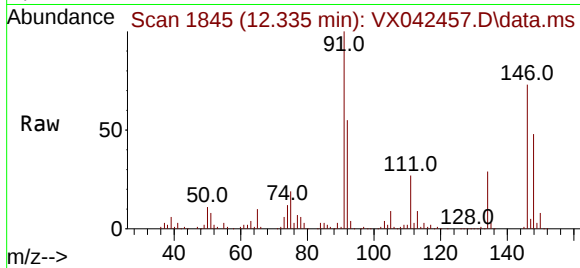
201 95.6 48.9 146.8





#87
1,2-Dichlorobenzene
Concen: 18.827 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

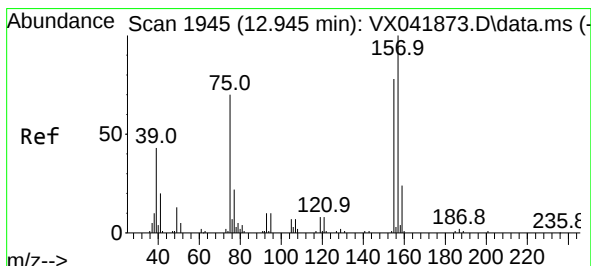
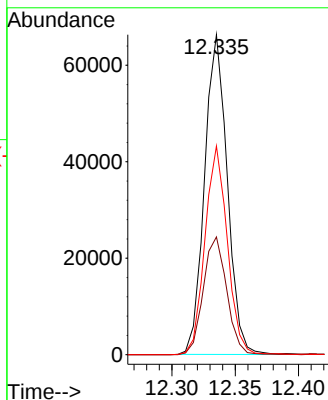
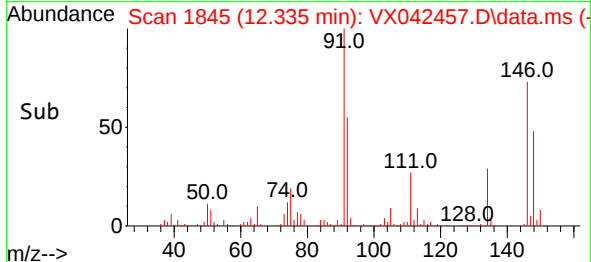
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



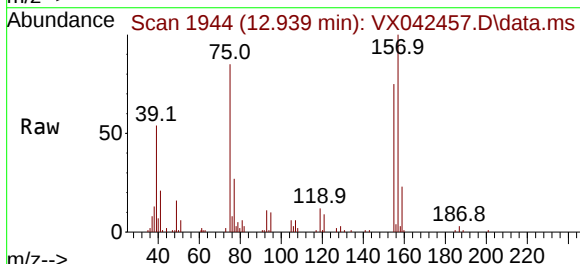
Tgt Ion:146 Resp: 82929
Ion Ratio Lower Upper
146 100
111 38.0 19.1 57.3
148 64.3 32.4 97.0

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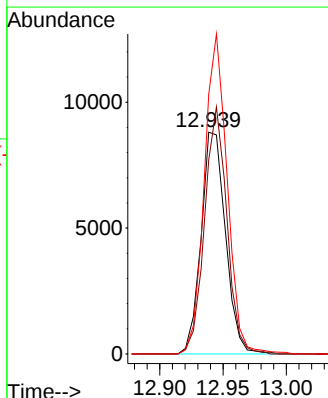
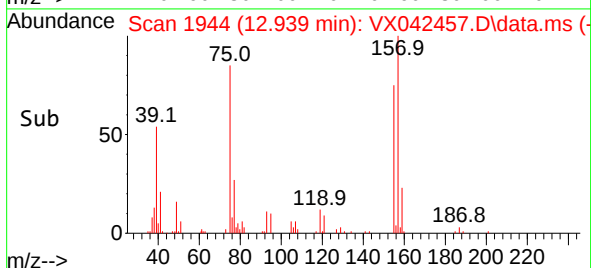
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

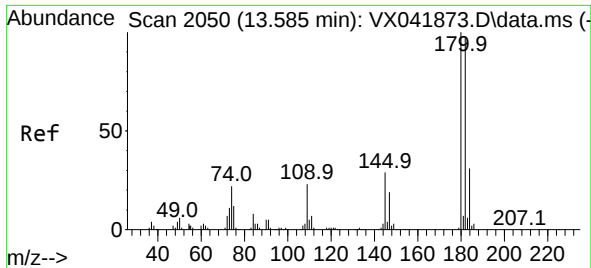


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.820 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46



Tgt Ion: 75 Resp: 11862
Ion Ratio Lower Upper
75 100
155 101.6 88.6 133.0
157 134.6 112.8 169.2





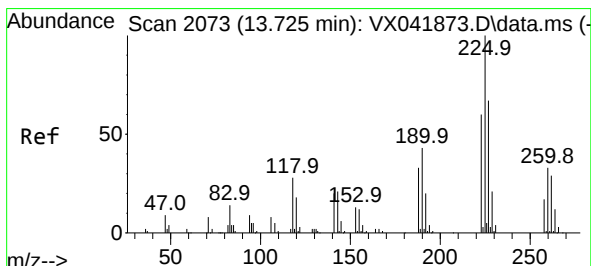
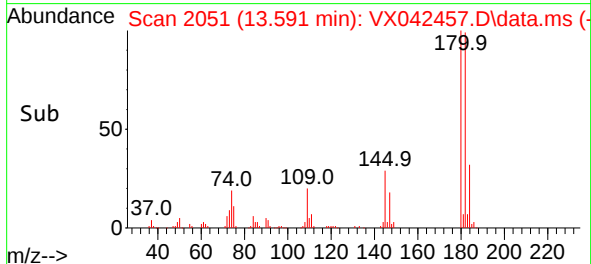
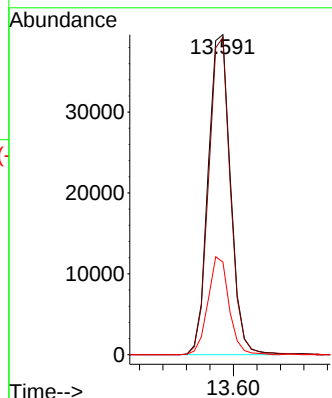
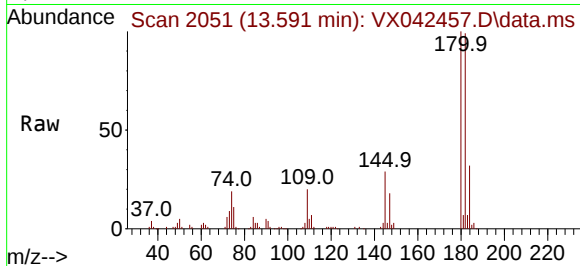
#89
1,2,4-Trichlorobenzene
Concen: 17.502 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:180 Resp: 5219
Ion Ratio Lower Upper
180 100
182 96.7 76.9 115.3
145 28.9 22.8 34.2

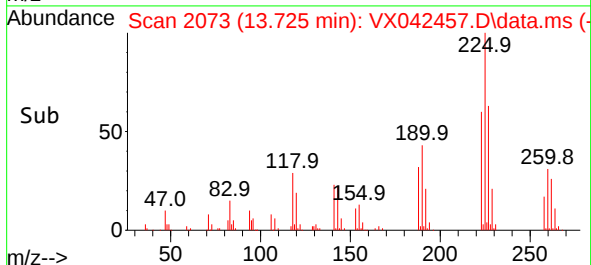
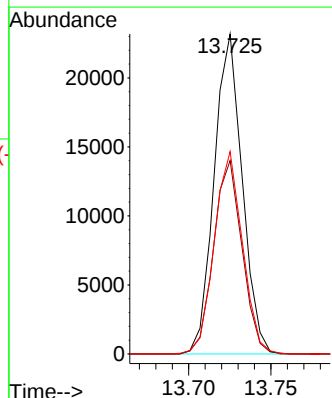
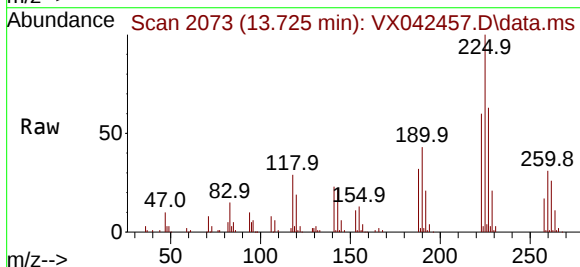
Manual Integrations
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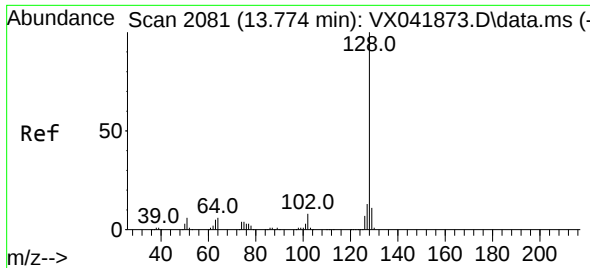
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#90
Hexachlorobutadiene
Concen: 18.602 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

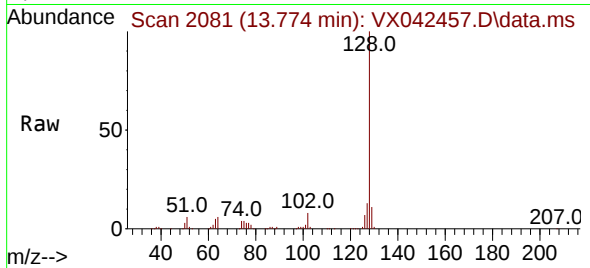
Tgt Ion:225 Resp: 27529
Ion Ratio Lower Upper
225 100
223 61.1 0.0 120.8
227 63.5 0.0 126.6





#91
Naphthalene
Concen: 18.283 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46

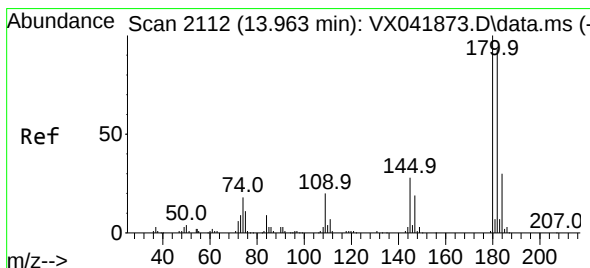
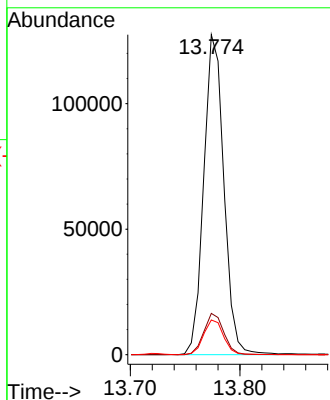
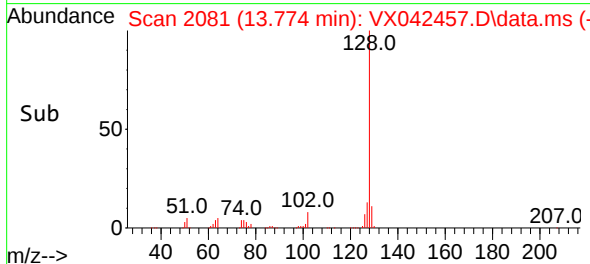
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



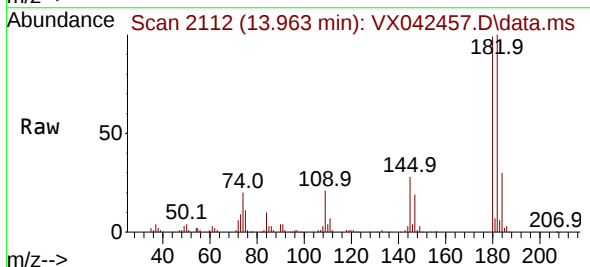
Tgt Ion:128 Resp: 162579
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#92
1,2,3-Trichlorobenzene
Concen: 18.157 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX042457.D
Acq: 23 Jul 2024 08:46



Tgt Ion:180 Resp: 55769
Ion Ratio Lower Upper
180 100
182 97.1 0.0 187.8
145 29.4 0.0 58.4

