

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032824\
 Data File : VX040828.D
 Acq On : 28 Mar 2024 17:11
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2024
 Supervised By : Mahesh Dadoda 03/29/2024

Quant Time: Mar 29 04:54:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 29 04:49:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	3305	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	29463	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	36892	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	18594	32.826	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	= 109.433%		
60) 4-Bromofluorobenzene	11.079	95	24065	29.861	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	= 99.533%		
63) Toluene-d8	8.647	98	41541	28.723	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	= 95.733%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	92635	160.100	ug/l	98
3) Chloromethane	1.301	50	83461	158.010	ug/l	95
4) Vinyl Chloride	1.374	62	84822	155.833	ug/l	97
5) Bromomethane	1.599	94	45863	133.388	ug/l	97
6) Chloroethane	1.672	64	54918	159.524	ug/l	99
7) Trichlorofluoromethane	1.880	101	146133	154.846	ug/l	96
8) Diethyl Ether	2.136	74	46846	159.208	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	81896	155.124	ug/l	95
10) 1,1-Dichloroethene	2.319	96	78365	158.375	ug/l	97
11) Methyl Iodide	2.447	142	102339	151.311	ug/l	93
12) Methyl Acetate	2.703	43	116537	164.058	ug/l	99
13) Acrolein	2.239	56	69924	898.556	ug/l	98
14) Acrylonitrile	3.069	53	251508	813.265	ug/l	98
15) Acetone	2.380	58	68346	779.315	ug/l #	69
16) Carbon Disulfide	2.508	76	222647	160.214	ug/l	98
17) Allyl chloride	2.660	41	147976	162.898	ug/l	87
18) Methylene Chloride	2.788	84	85053	159.747	ug/l	100
19) trans-1,2-Dichloroethene	3.093	96	80806	156.273	ug/l	100
20) Diisopropyl ether	3.757	45	290226	164.092	ug/l	93
21) 1,1-Dichloroethane	3.611	63	159015	159.258	ug/l	100
22) cis-1,2-Dichloroethene	4.489	96	97617	160.677	ug/l	95
23) tert-Butyl Alcohol	2.977	59	123019	857.522	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	283842	161.206	ug/l	93
25) Chloroform	5.093	83	168201	155.413	ug/l	96
26) Cyclohexane	5.471	56	129351	155.847	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	117450	142.860	ug/l	96
30) 2-Butanone	4.556	43	378357	727.357	ug/l	97
31) 2,2-Dichloropropane	4.471	77	146481	150.864	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	153603	141.505	ug/l	98
33) Carbon Tetrachloride	5.678	117	136002	145.150	ug/l	96
34) Benzene	6.038	78	334645	141.901	ug/l	98
35) Methacrylonitrile	4.922	41	83476	150.444	ug/l	94
36) 1,2-Dichloroethane	6.086	62	146330	142.806	ug/l #	95
37) Trichloroethene	7.123	130	82788	142.103	ug/l	96
38) Methylcyclohexane	7.379	83	137902	142.081	ug/l	97
39) 1,2-Dichloropropane	7.428	63	78521	140.141	ug/l	99
40) Dibromomethane	7.580	93	64752	139.379	ug/l	97
41) Bromodichloromethane	7.824	83	135545	143.719	ug/l	100
42) Vinyl Acetate	3.721	43	1420248	738.680	ug/l	100

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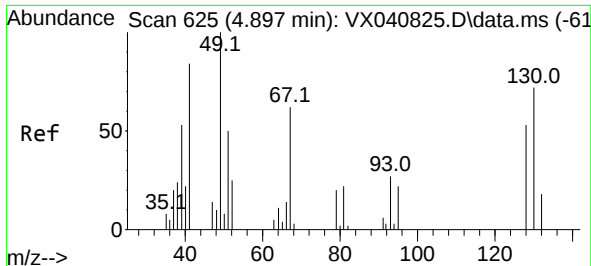
Manual Integrations
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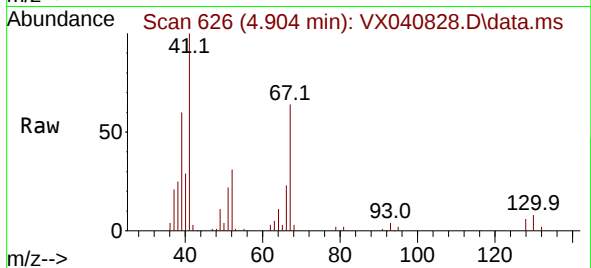
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	153336	149.301	ug/l	98
44) Isopropyl Acetate	6.342	43	245518	151.779	ug/l	95
45) 1,4-Dioxane	7.659	88	45716	3018.219	ug/l	96
46) Methyl methacrylate	7.690	41	118265	151.857	ug/l	93
47) n-amyl Acetate	10.842	43	227036	155.868	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	142221	152.008	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	141369	146.255	ug/l	92
50) 1,1,2-Trichloroethane	9.153	97	82098	144.100	ug/l	97
51) Ethyl methacrylate	9.116	69	151339	152.090	ug/l	97
52) 1,3-Dichloropropane	9.305	76	140847	143.836	ug/l	99
53) Dibromochloromethane	9.519	129	101214	148.270	ug/l	99
54) 1,2-Dibromoethane	9.610	107	88261	139.964	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	366552	753.100	ug/l	99
56) Bromoform	10.799	173	73992	155.903	ug/l #	97
58) 4-Methyl-2-Pentanone	8.574	43	777020	745.750	ug/l	98
59) 2-Hexanone	9.433	43	635649	765.510	ug/l	96
61) Tetrachloroethene	9.275	164	73068	147.752	ug/l	98
62) Toluene	8.720	91	358163	143.546	ug/l	99
64) Chlorobenzene	10.079	112	232481	144.131	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	84662	149.771	ug/l	97
66) Ethyl Benzene	10.195	91	430228	146.693	ug/l	100
67) m/p-Xylenes	10.299	106	315640	293.151	ug/l	95
68) o-Xylene	10.640	106	148836	146.734	ug/l	93
69) Styrene	10.653	104	264115	150.063	ug/l	97
70) Isopropylbenzene	10.963	105	405349	146.699	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	143696	149.744	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	122369m	150.622	ug/l	
73) Bromobenzene	11.195	156	99165	150.505	ug/l	97
74) n-propylbenzene	11.305	91	516109	149.619	ug/l	100
75) 2-Chlorotoluene	11.366	91	302623	148.365	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	355431	148.651	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	54108	167.401	ug/l	87
78) 4-Chlorotoluene	11.457	91	362486	149.543	ug/l	98
79) tert-butylbenzene	11.713	119	345722	150.259	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	357402	150.834	ug/l	98
81) sec-Butylbenzene	11.890	105	438426	148.601	ug/l	100
82) p-Isopropyltoluene	12.006	119	376244	150.604	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	188044	146.982	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	194237	147.322	ug/l	99
85) n-Butylbenzene	12.329	91	381322	153.480	ug/l	99
86) Hexachloroethane	12.536	117	69200	155.907	ug/l	88
87) 1,2-Dichlorobenzene	12.335	146	187812	151.763	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	40021	162.037	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	129564	150.072	ug/l	97
90) Hexachlorobutadiene	13.725	225	48076	148.482	ug/l	97
91) Naphthalene	13.774	128	444883	154.074	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	126314	153.485	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

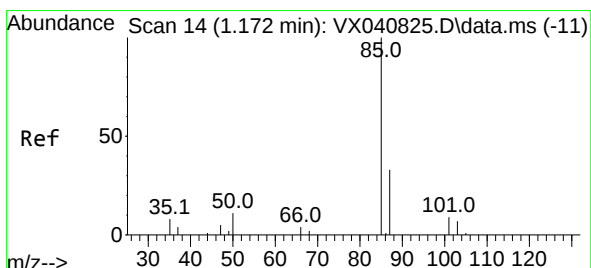
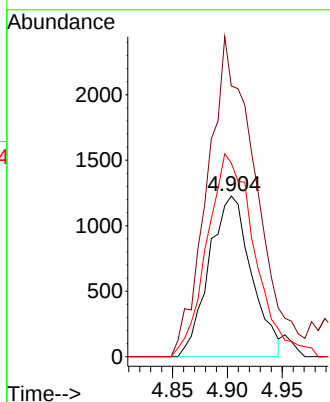
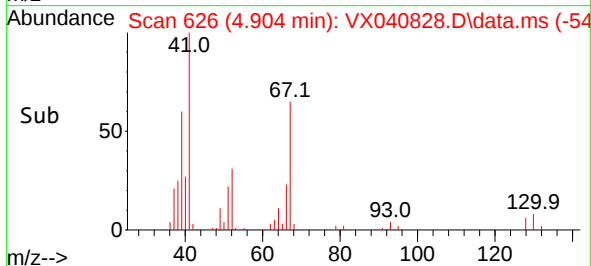
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:128 Resp: 330
Ion Ratio Lower Upper
128 100
49 225.3 0.0 444.0
130 141.8 0.0 297.8

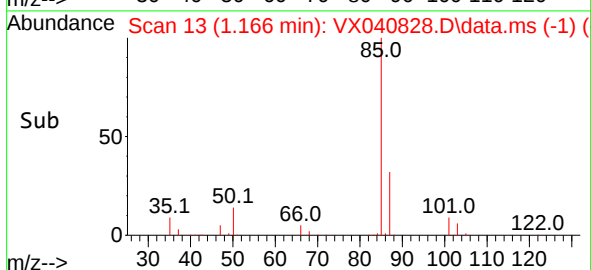
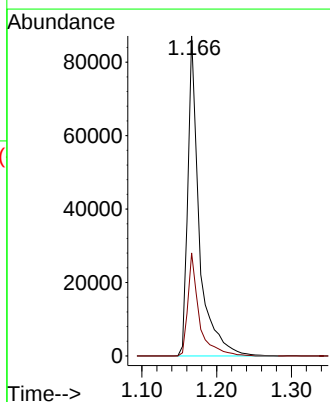
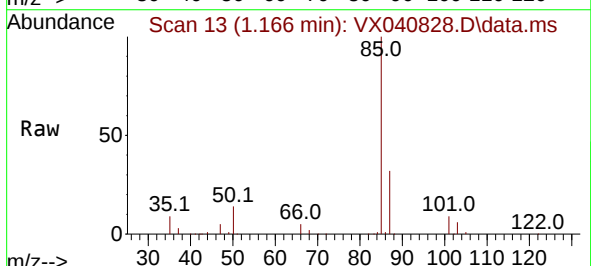
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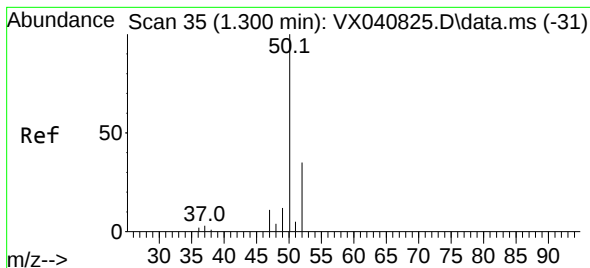
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#2
Dichlorodifluoromethane
Concen: 160.100 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.006 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

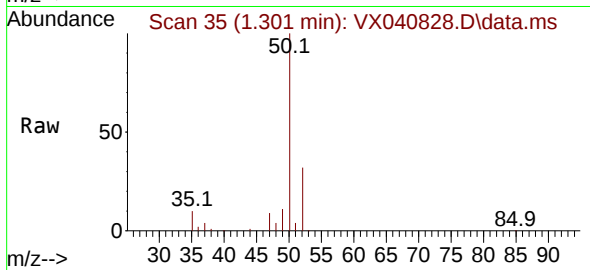
Tgt Ion: 85 Resp: 92635
Ion Ratio Lower Upper
85 100
87 32.2 16.7 50.1





#3
Chloromethane
Concen: 158.010 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

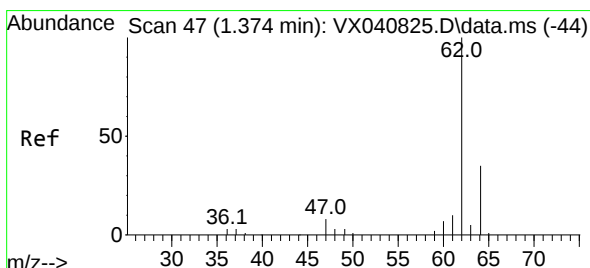
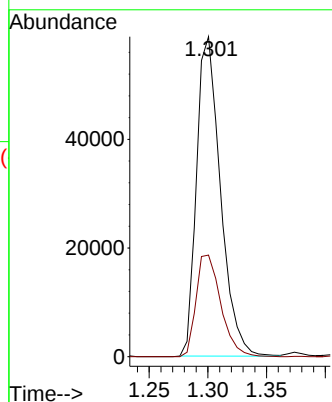
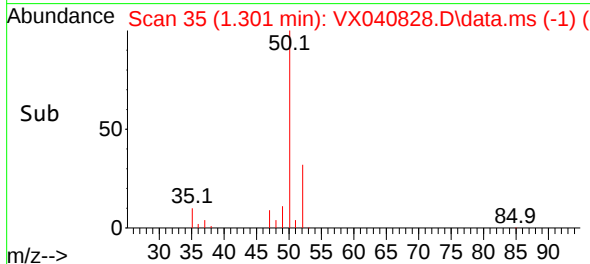
Instrument :
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ClientSampleId :
VSTDICC150



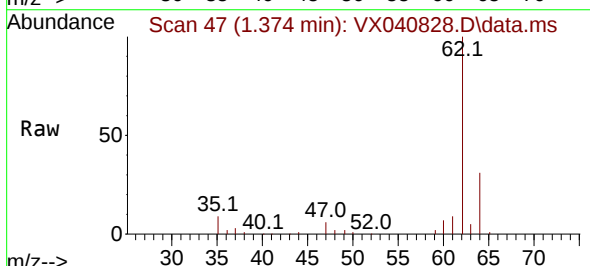
Tgt Ion: 50 Resp: 8346
Ion Ratio Lower Upper
50 100
52 31.8 27.8 41.8

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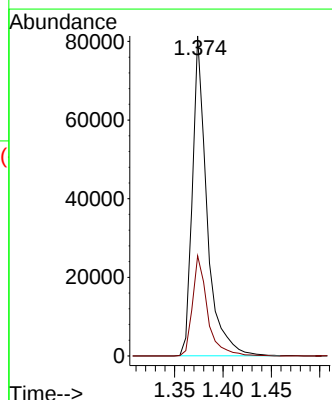
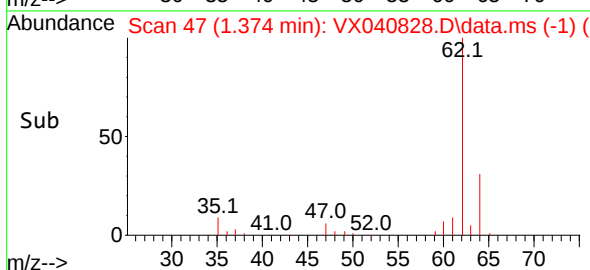
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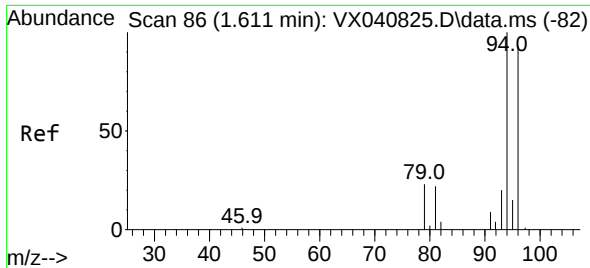


#4
Vinyl Chloride
Concen: 155.833 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11



Tgt Ion: 62 Resp: 84822
Ion Ratio Lower Upper
62 100
64 31.3 26.3 39.5





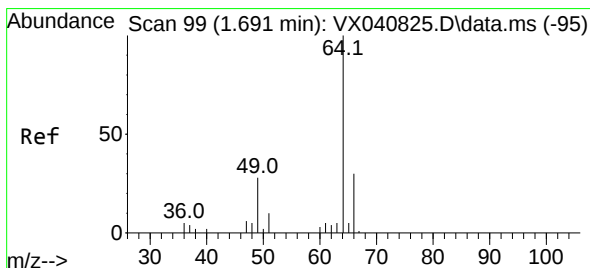
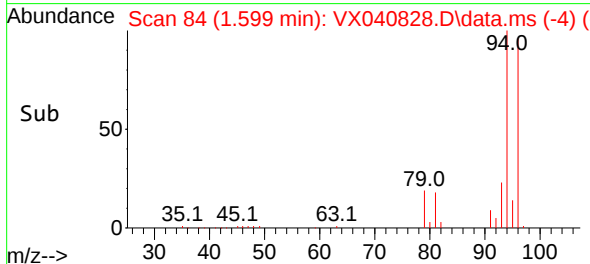
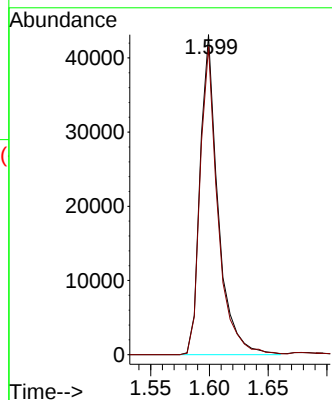
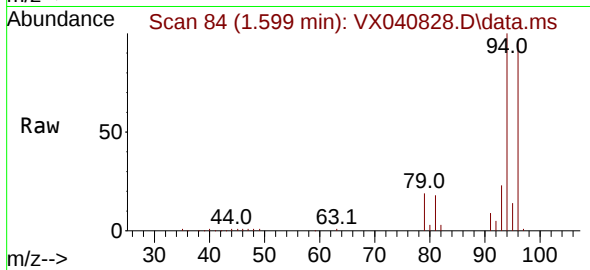
#5
Bromomethane
Concen: 133.388 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.012 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

Instrument :
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ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 4586
Ion Ratio Lower Upper
94 100
96 96.3 74.9 112.3

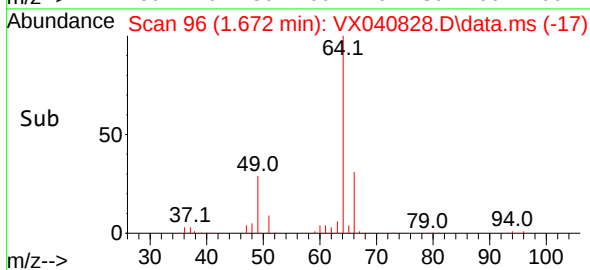
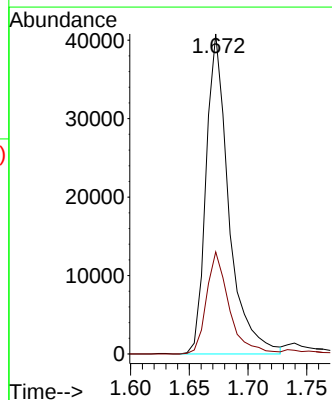
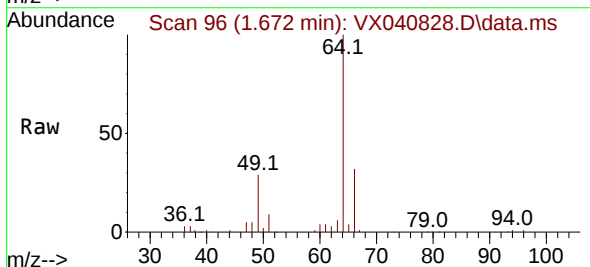
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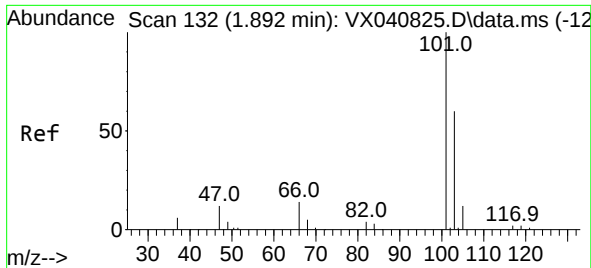
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#6
Chloroethane
Concen: 159.524 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.018 min
Lab File: VX040828.D
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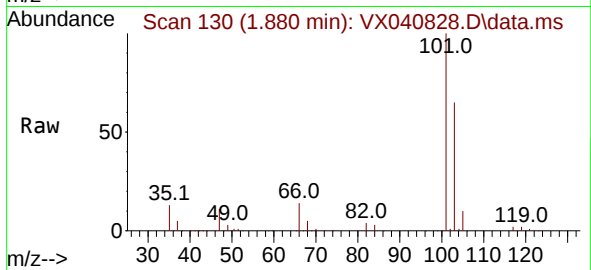
Tgt Ion: 64 Resp: 54918
Ion Ratio Lower Upper
64 100
66 31.9 25.0 37.6





#7
Trichlorofluoromethane
Concen: 154.846 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

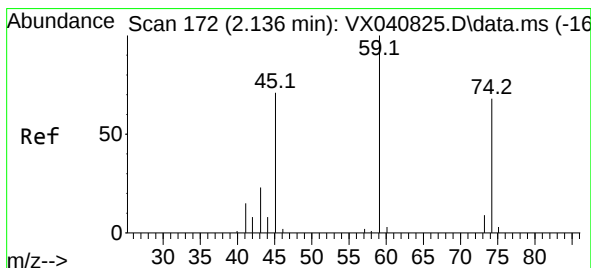
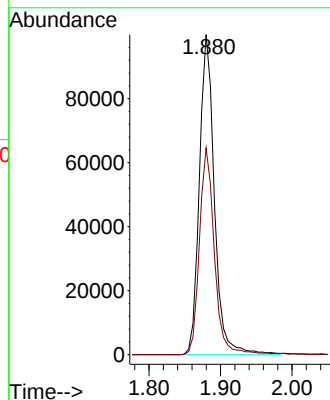
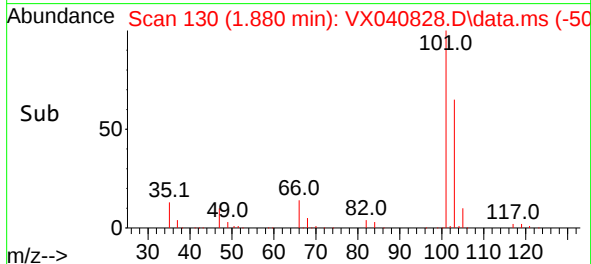
Instrument :
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Tgt Ion:101 Resp: 14613
Ion Ratio Lower Upper
101 100
103 64.6 49.1 73.7

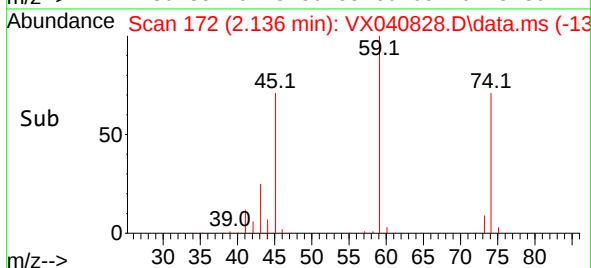
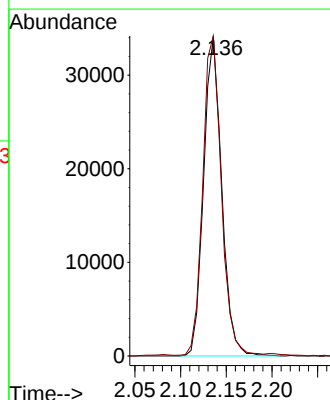
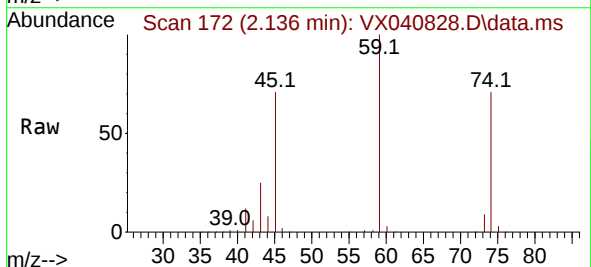
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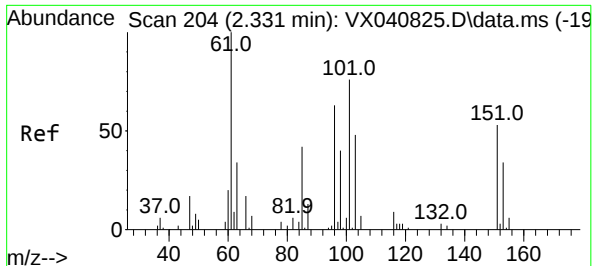
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#8
Diethyl Ether
Concen: 159.208 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

Tgt Ion: 74 Resp: 46846
Ion Ratio Lower Upper
74 100
45 103.0 20.5 184.5





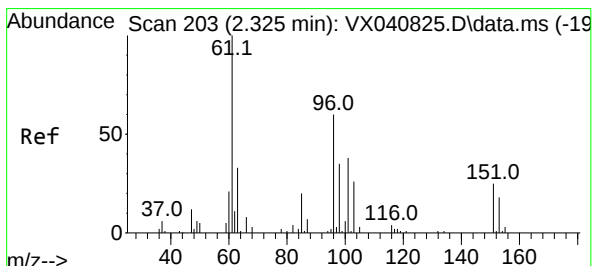
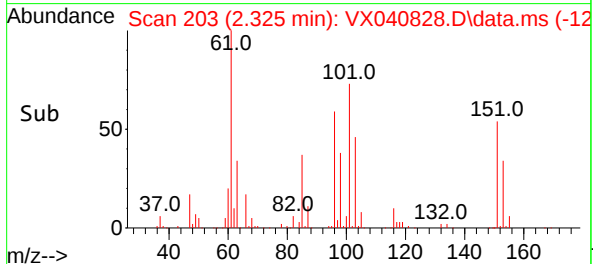
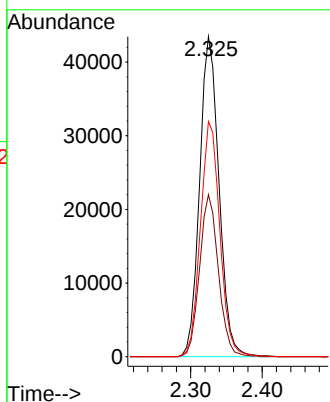
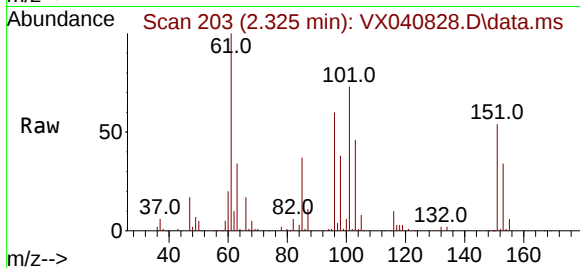
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1,1,2-Trichlorotrifluoroethane
Concen: 155.124 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 81890
Ion Ratio Lower Upper
101 100
85 49.1 0.0 95.2
151 73.8 0.0 136.8

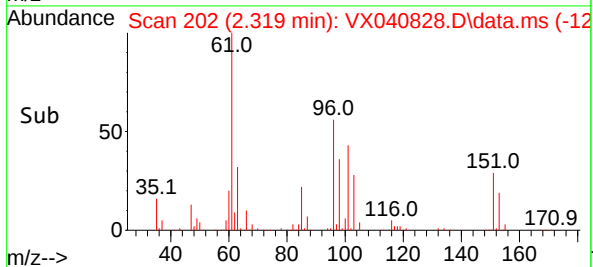
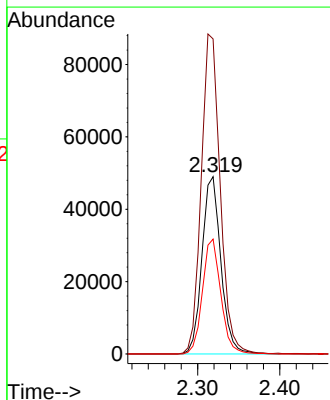
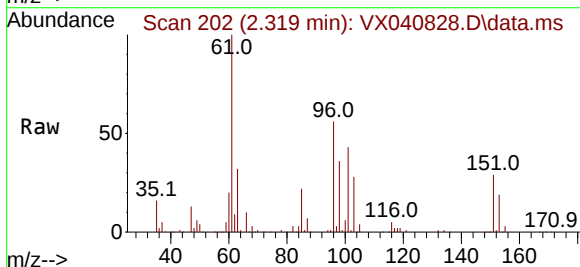
Manual Integrations
APPROVED

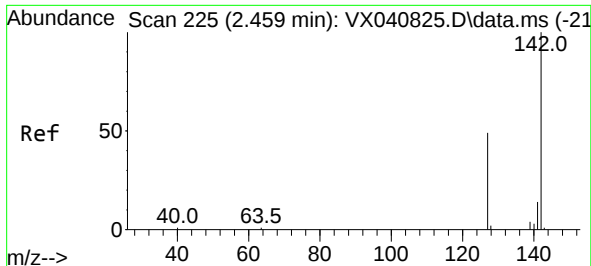
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#10
1,1-Dichloroethene
Concen: 158.375 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

Tgt Ion: 96 Resp: 78365
Ion Ratio Lower Upper
96 100
61 177.7 138.3 207.5
98 64.8 49.8 74.6





#11

Methyl Iodide

Concen: 151.311 ug/l

RT: 2.447 min Scan# 21

Delta R.T. -0.012 min

Lab File: VX040828.D

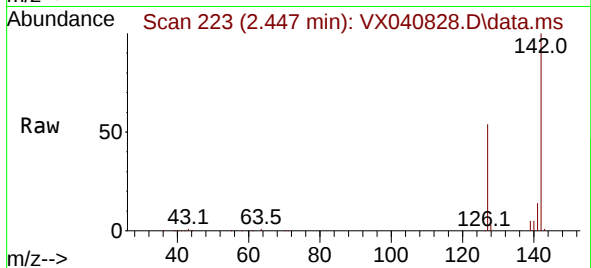
Acq: 28 Mar 2024 17:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150



Tgt Ion:142 Resp: 102339

Ion Ratio Lower Upper

142 100

127 53.8 23.8 71.4

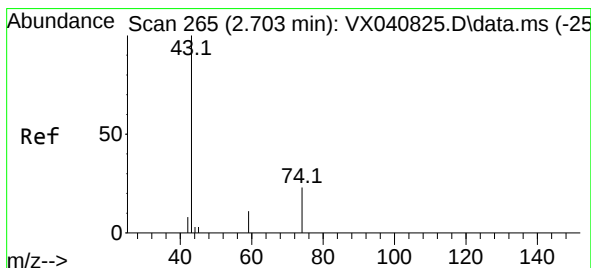
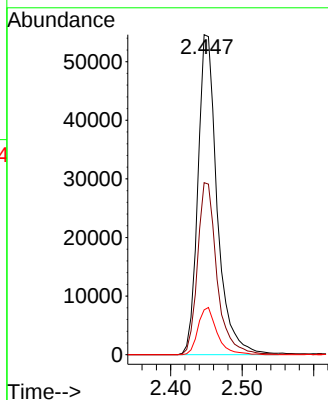
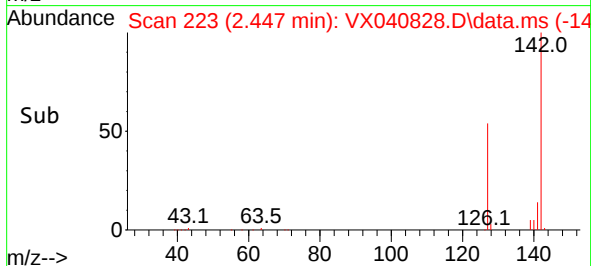
141 14.0 6.9 20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#12

Methyl Acetate

Concen: 164.058 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX040828.D

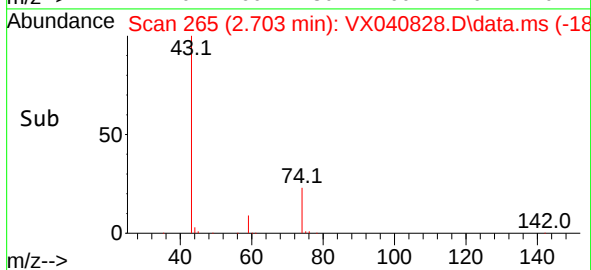
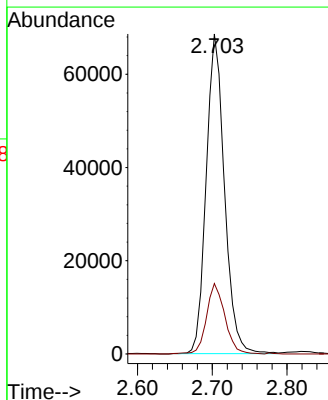
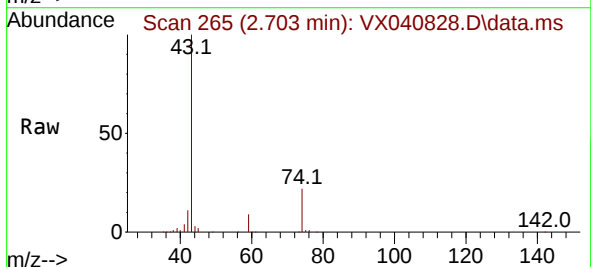
Acq: 28 Mar 2024 17:11

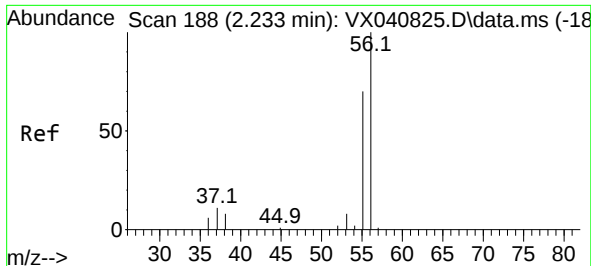
Tgt Ion: 43 Resp: 116537

Ion Ratio Lower Upper

43 100

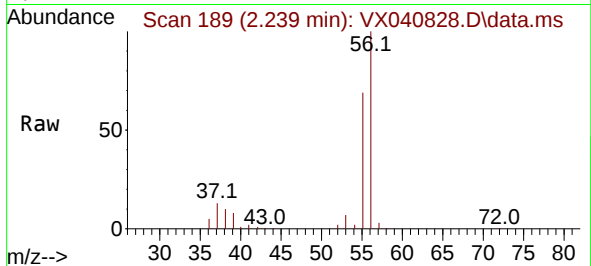
74 21.9 17.8 26.6





#13
Acrolein
Concen: 898.556 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

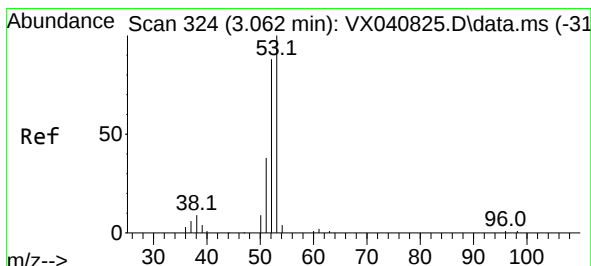
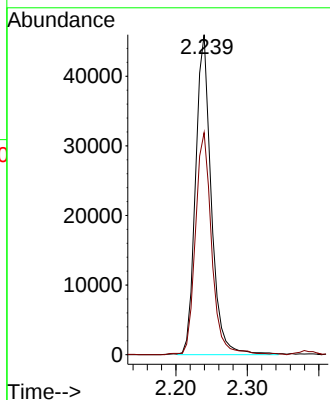
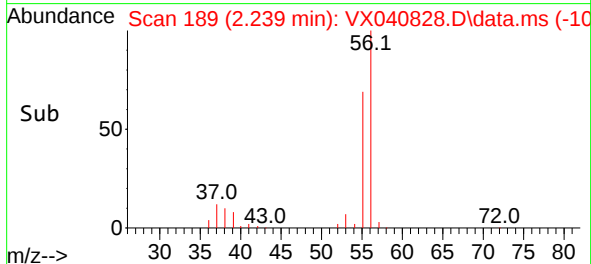
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 69924
Ion Ratio Lower Upper
56 100
55 69.8 57.2 85.8

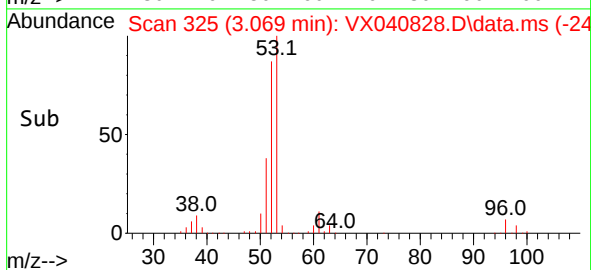
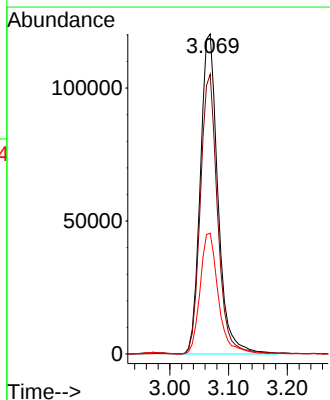
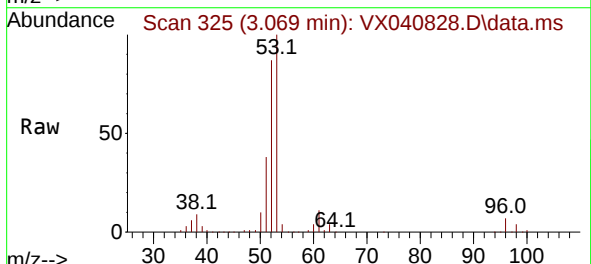
Manual Integrations
APPROVED

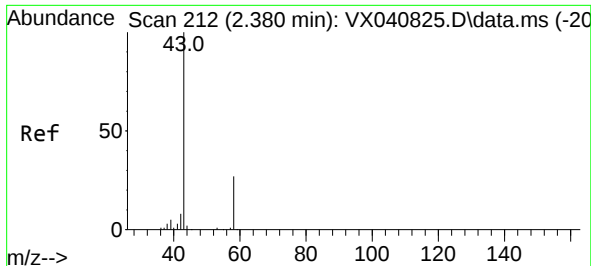
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#14
Acrylonitrile
Concen: 813.265 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.006 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

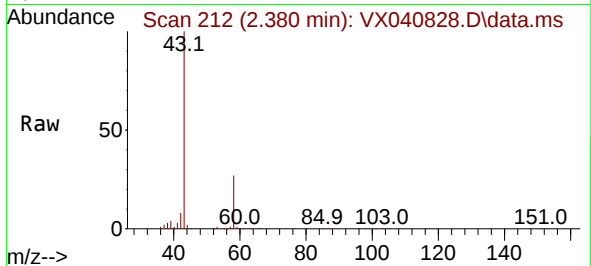
Tgt Ion: 53 Resp: 251508
Ion Ratio Lower Upper
53 100
52 85.1 41.9 125.6
51 38.9 18.3 54.9





#15
Acetone
Concen: 779.315 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

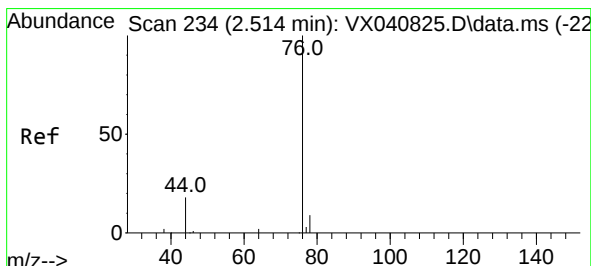
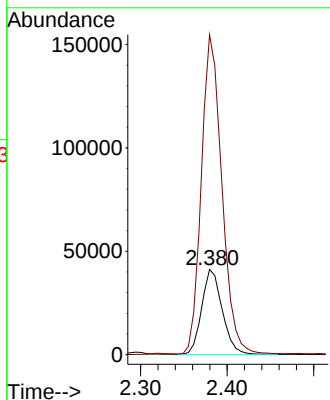
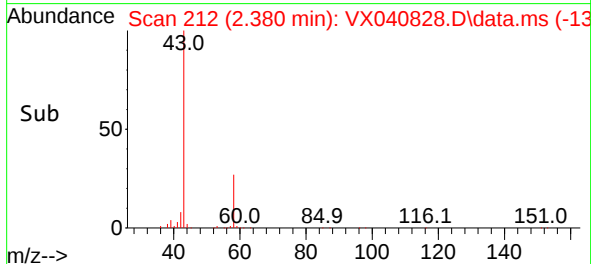
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 58 Resp: 68340
Ion Ratio Lower Upper
58 100
43 375.4 249.9 374.9

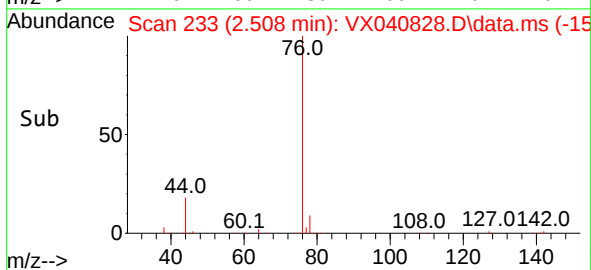
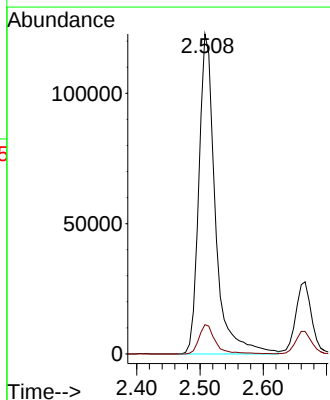
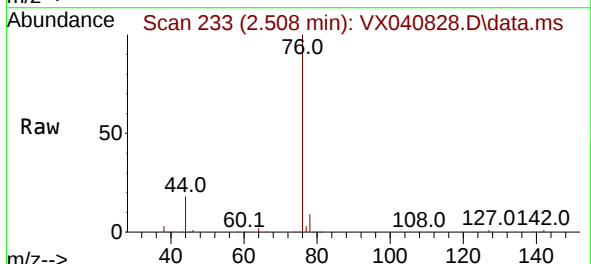
Manual Integrations
APPROVED

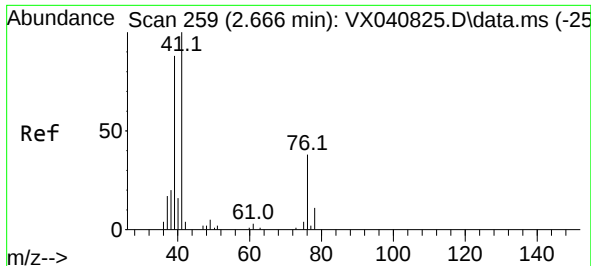
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#16
Carbon Disulfide
Concen: 160.214 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

Tgt Ion: 76 Resp: 222647
Ion Ratio Lower Upper
76 100
78 9.2 8.0 12.0





#17

Allyl chloride

Concen: 162.898 ug/l

RT: 2.660 min Scan# 259

Delta R.T. -0.006 min

Lab File: VX040828.D

Acq: 28 Mar 2024 17:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 41 Resp: 147970

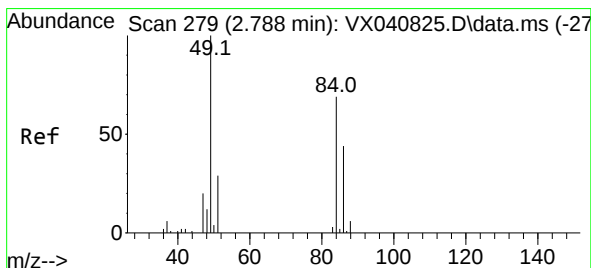
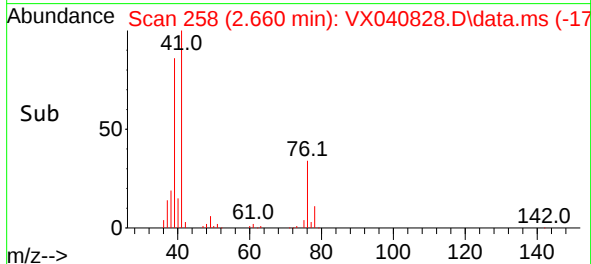
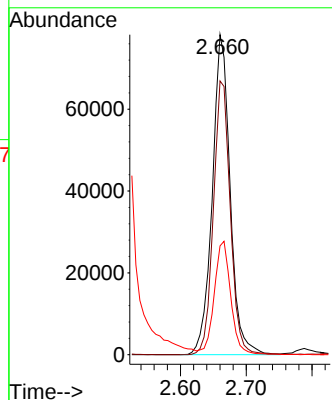
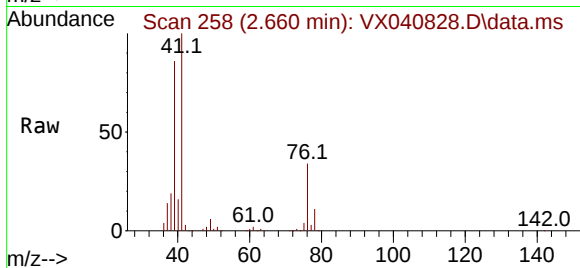
Ion	Ratio	Lower	Upper
41	100		
39	85.5	36.5	109.5
76	33.9	19.7	59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#18

Methylene Chloride

Concen: 159.747 ug/l

RT: 2.788 min Scan# 279

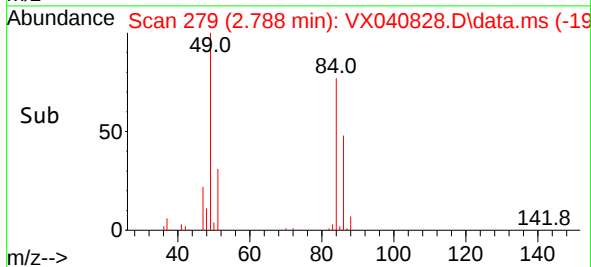
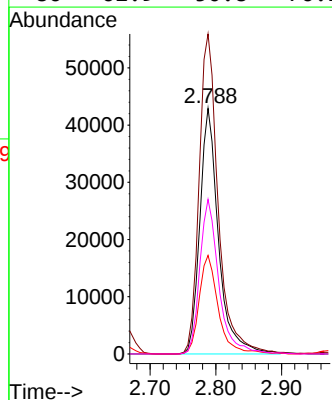
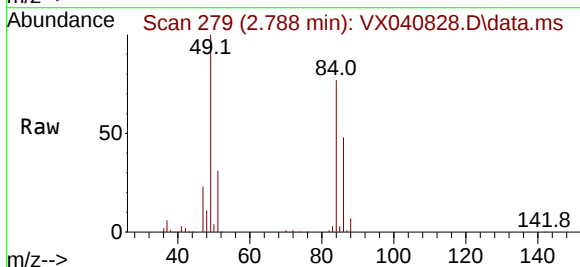
Delta R.T. 0.000 min

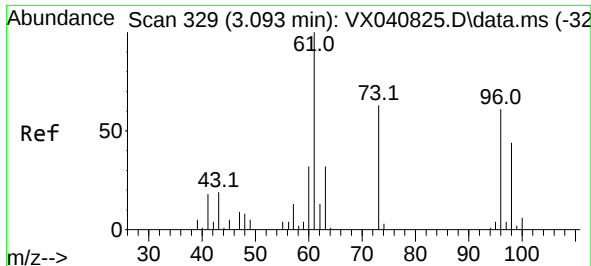
Lab File: VX040828.D

Acq: 28 Mar 2024 17:11

Tgt Ion: 84 Resp: 85053

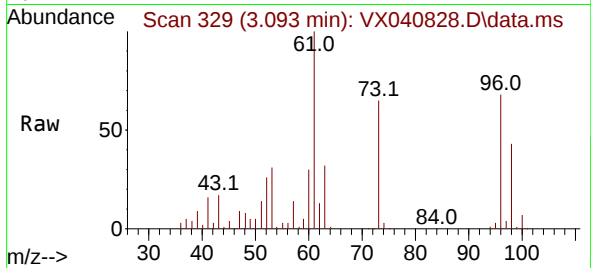
Ion	Ratio	Lower	Upper
84	100		
49	130.1	103.8	155.8
51	40.2	31.8	47.6
86	62.9	50.8	76.2





#19
trans-1,2-Dichloroethene
Concen: 156.273 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

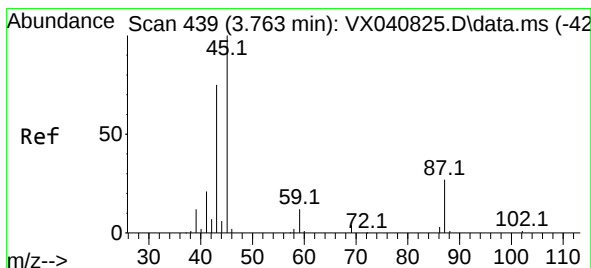
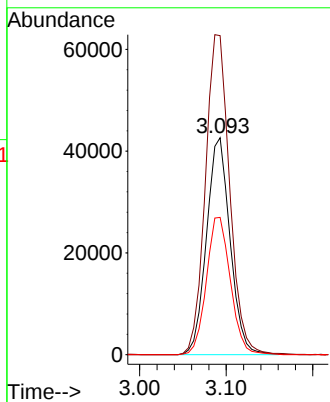
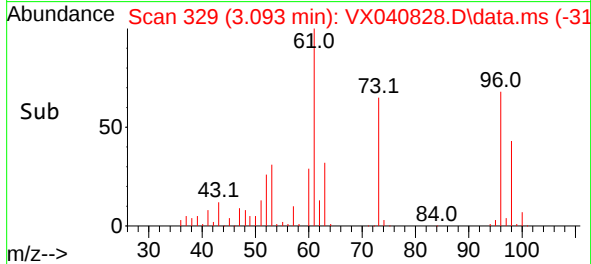
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



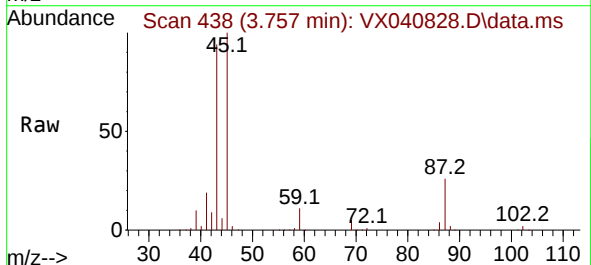
Tgt Ion: 96 Resp: 80800
Ion Ratio Lower Upper
96 100
61 147.1 117.9 176.9
98 63.3 51.0 76.6

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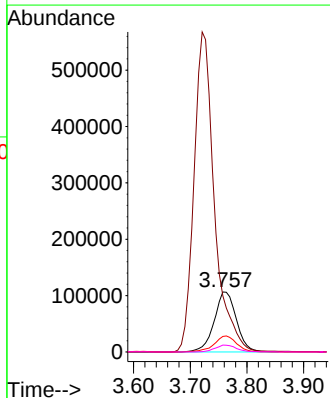
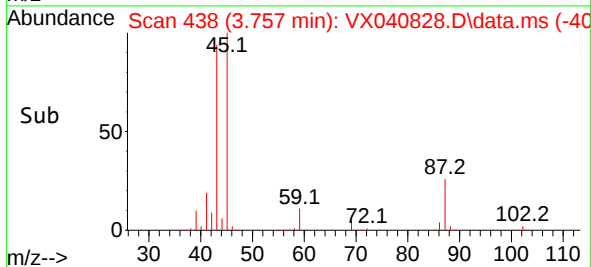
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

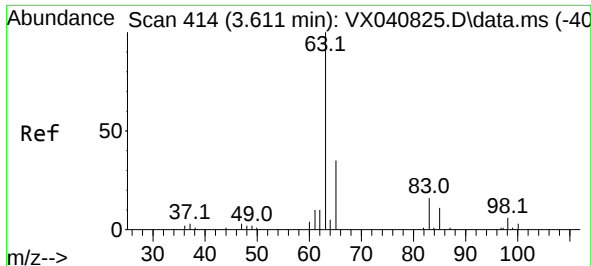


#20
Diisopropyl ether
Concen: 164.092 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11



Tgt Ion: 45 Resp: 290226
Ion Ratio Lower Upper
45 100
43 92.4 67.7 101.5
87 25.9 21.5 32.3
59 11.3 10.9 16.3





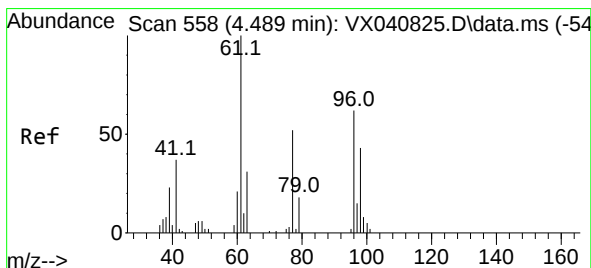
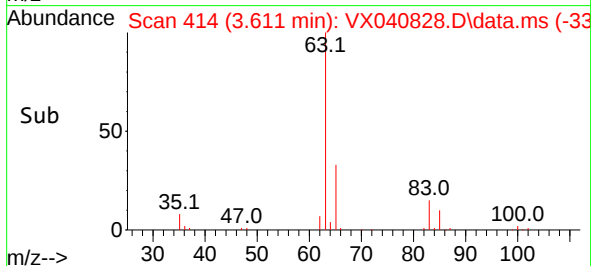
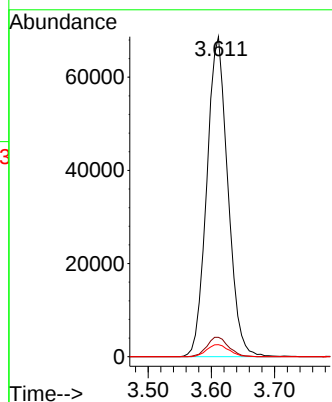
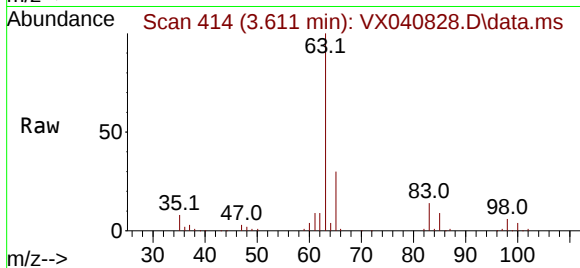
#21
1,1-Dichloroethane
Concen: 159.258 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 159015
Ion Ratio Lower Upper
63 100
98 6.1 2.9 8.8
100 3.7 2.0 5.8

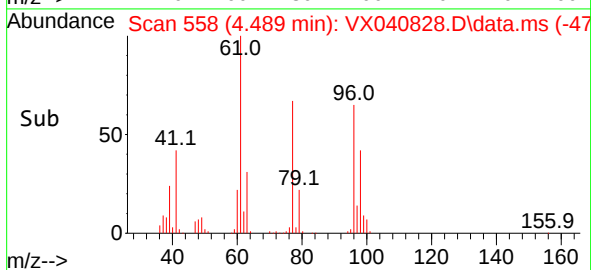
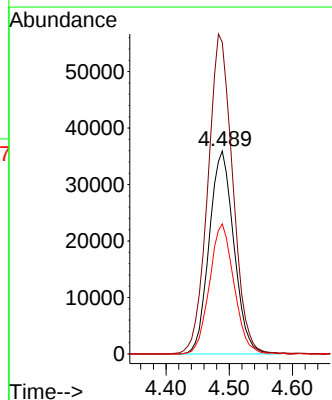
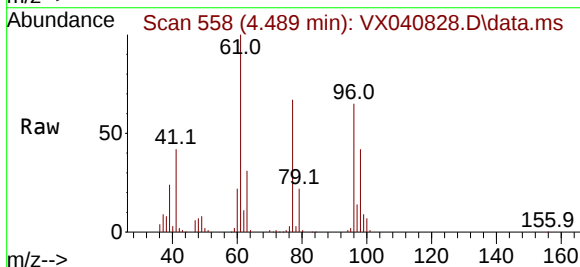
Manual Integrations
APPROVED

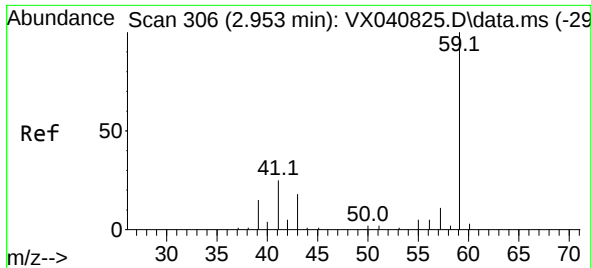
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#22
cis-1,2-Dichloroethene
Concen: 160.677 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

Tgt Ion: 96 Resp: 97617
Ion Ratio Lower Upper
96 100
61 159.0 119.8 179.6
98 63.4 50.9 76.3





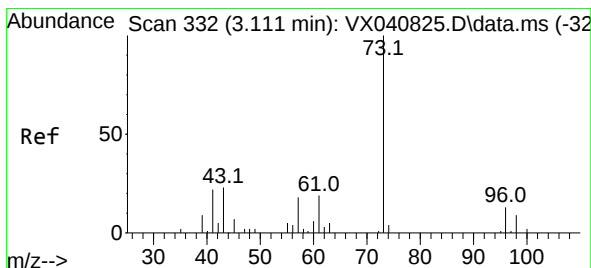
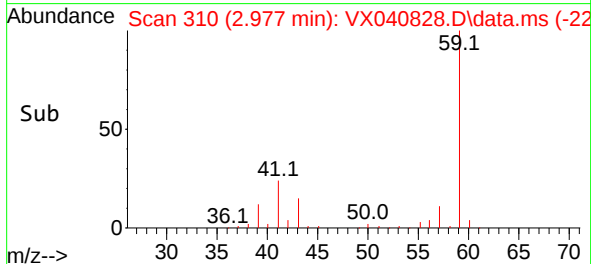
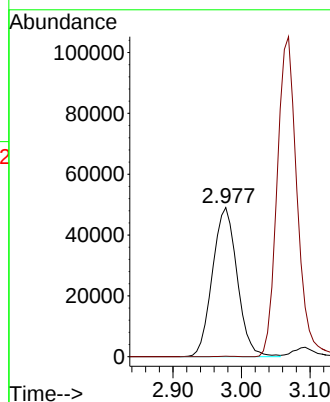
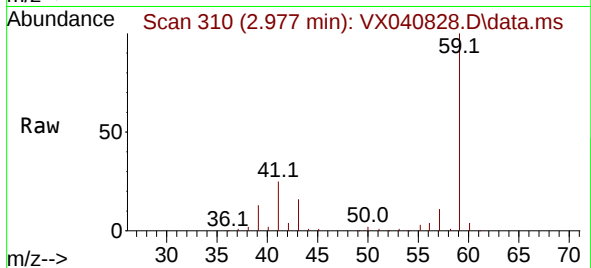
#23
tert-Butyl Alcohol
Concen: 857.522 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.024 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 123019
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

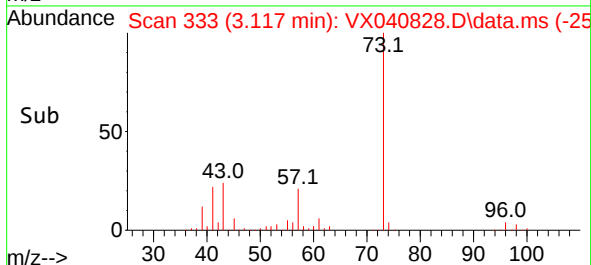
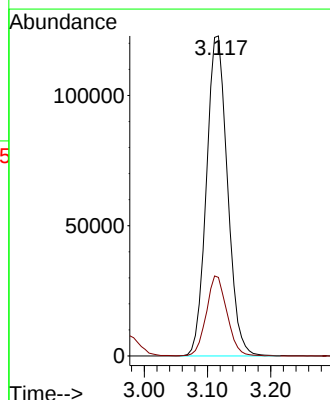
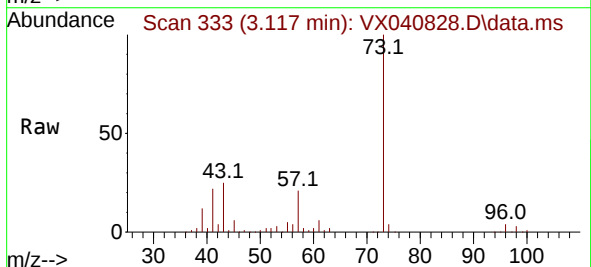
Manual Integrations
APPROVED

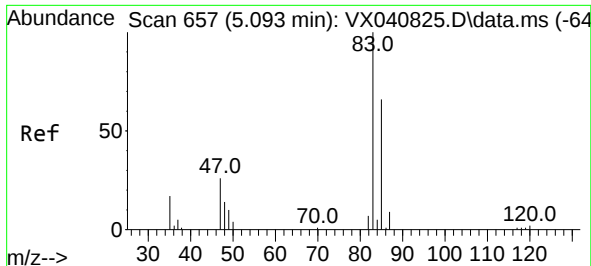
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#24
Methyl tert-Butyl Ether
Concen: 161.206 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

Tgt Ion: 73 Resp: 283842
Ion Ratio Lower Upper
73 100
43 24.6 17.0 25.6





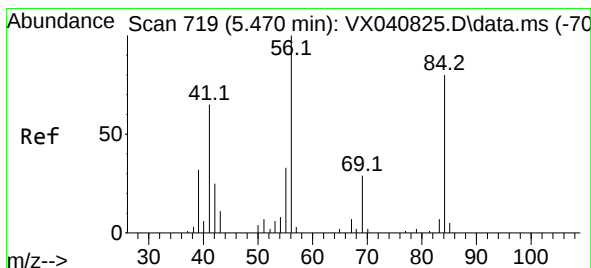
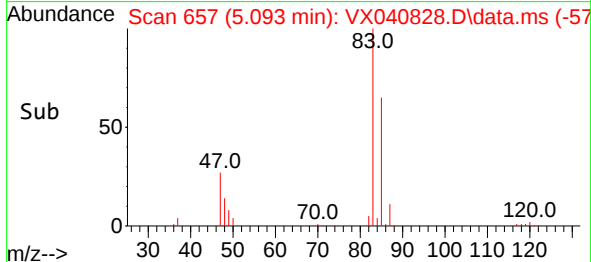
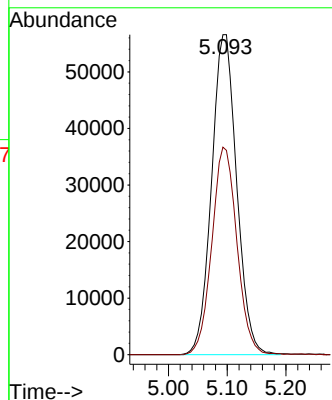
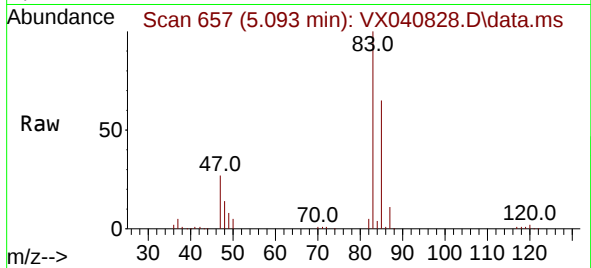
#25
Chloroform
Concen: 155.413 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 16820
Ion Ratio Lower Upper
83 100
85 64.8 54.6 81.8

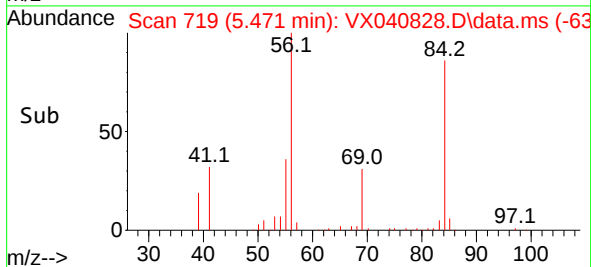
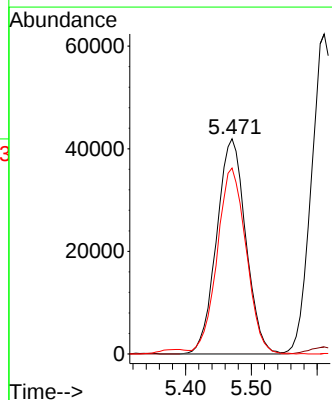
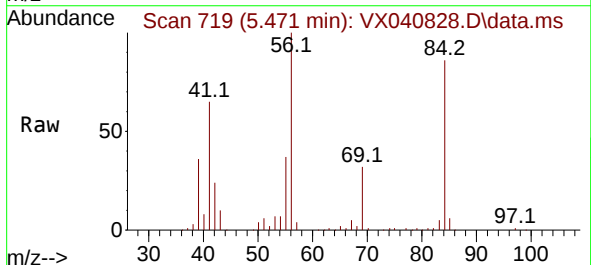
Manual Integrations
APPROVED

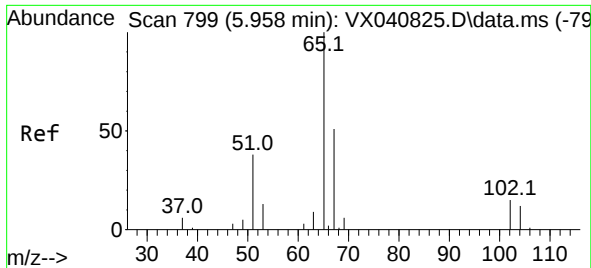
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#26
Cyclohexane
Concen: 155.847 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

Tgt Ion: 56 Resp: 129351
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.2 67.2 100.8





#27
1,2-Dichloroethane-d4
Concen: 32.826 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

Instrument :

MSVOA_X

ClientSampleId :

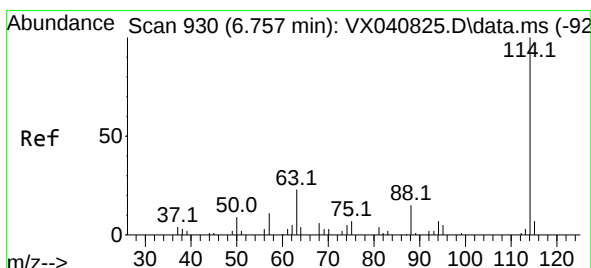
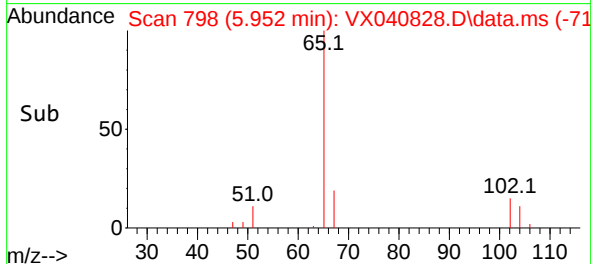
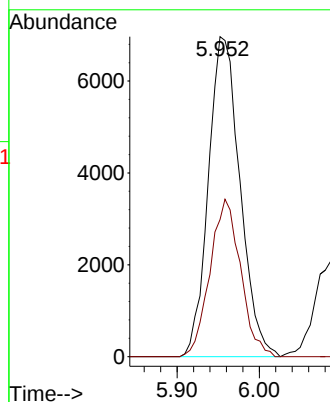
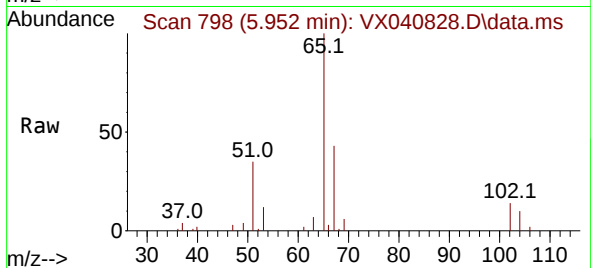
VSTDICC150

Tgt Ion: 65 Resp: 18594
Ion Ratio Lower Upper
65 100
67 47.6 42.5 63.7

Manual Integrations

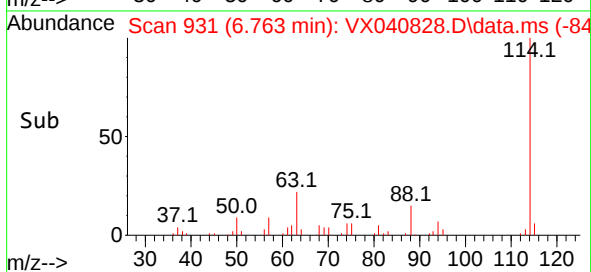
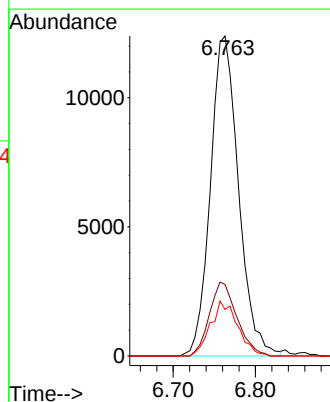
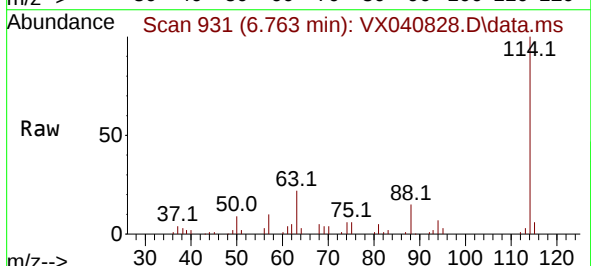
APPROVED

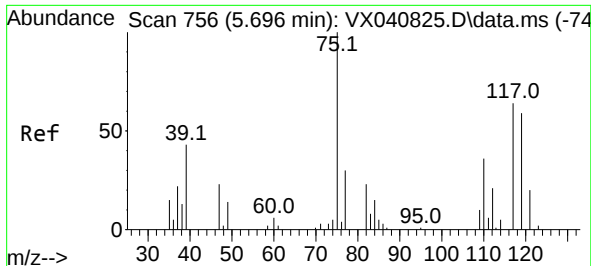
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

Tgt Ion:114 Resp: 29463
Ion Ratio Lower Upper
114 100
63 22.5 17.0 25.4
88 16.6 12.7 19.1





#29
1,1-Dichloropropene
Concen: 142.860 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

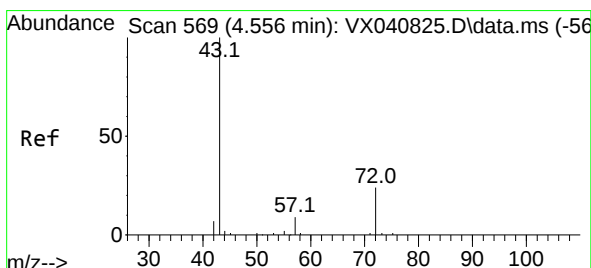
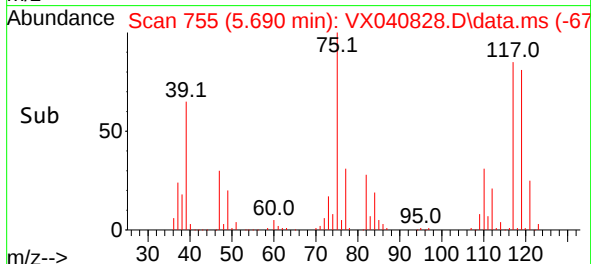
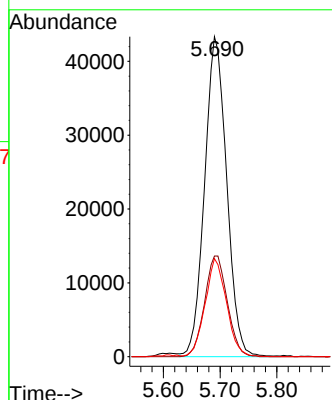
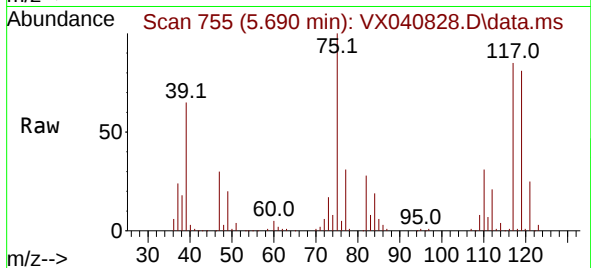
Tgt Ion: 75 Resp: 117450
Ion Ratio Lower Upper
75 100
110 32.2 0.0 71.2
77 29.7 0.0 62.6

Manual Integrations

APPROVED

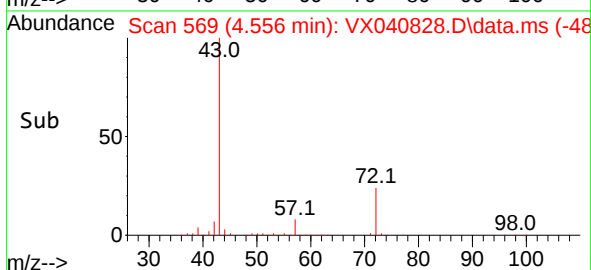
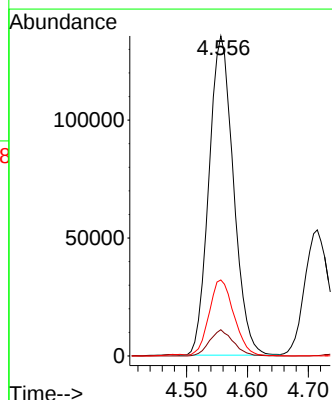
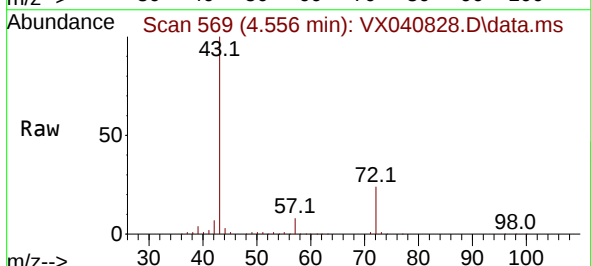
Reviewed By :John Carlone 03/29/2024

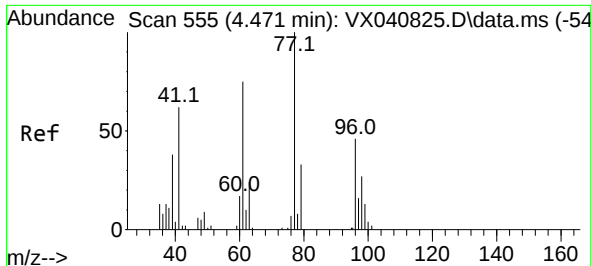
Supervised By :Mahesh Dadoda 03/29/2024



#30
2-Butanone
Concen: 727.357 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

Tgt Ion: 43 Resp: 378357
Ion Ratio Lower Upper
43 100
57 8.0 6.6 10.0
72 24.1 20.6 31.0





#31

2,2-Dichloropropane

Concen: 150.864 ug/l

RT: 4.471 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX040828.D

Acq: 28 Mar 2024 17:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 77 Resp: 14648

Ion Ratio Lower Upper

77 100

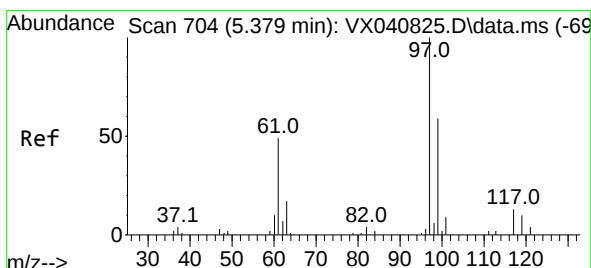
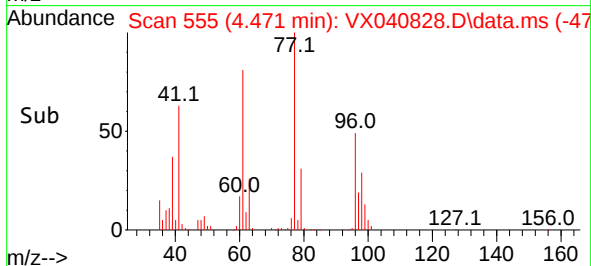
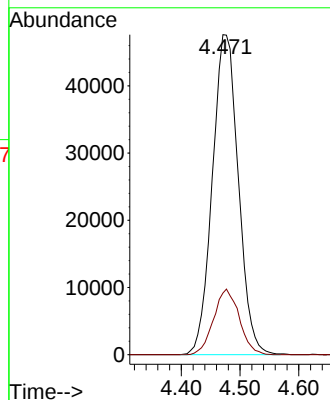
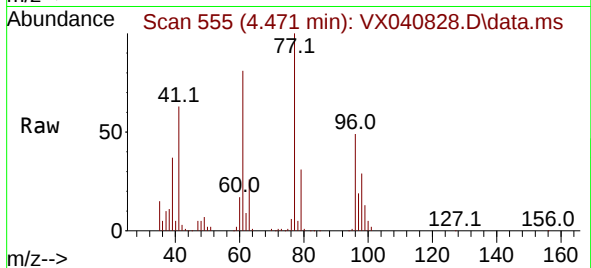
97 20.2 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#32

1,1,1-Trichloroethane

Concen: 141.505 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX040828.D

Acq: 28 Mar 2024 17:11

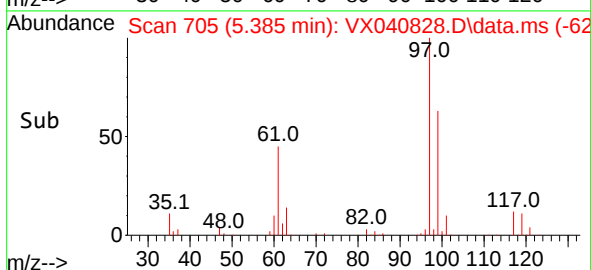
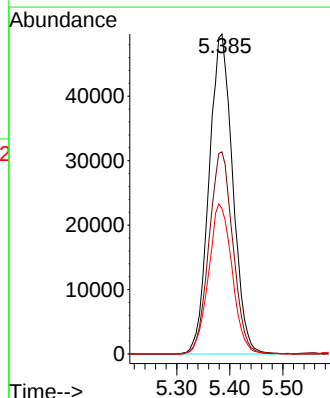
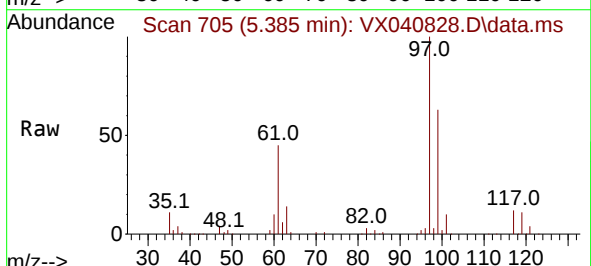
Tgt Ion: 97 Resp: 153603

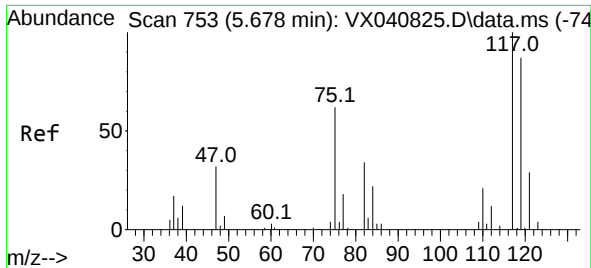
Ion Ratio Lower Upper

97 100

99 63.7 52.6 79.0

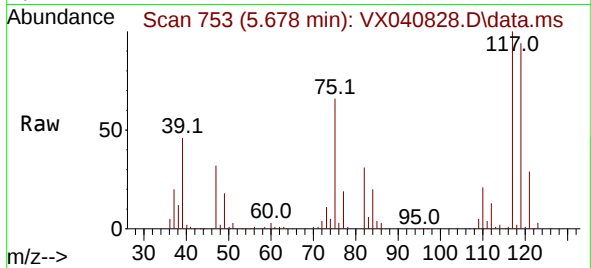
61 47.0 36.9 55.3





#33
Carbon Tetrachloride
Concen: 145.150 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

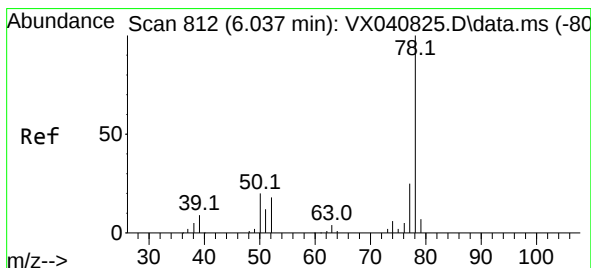
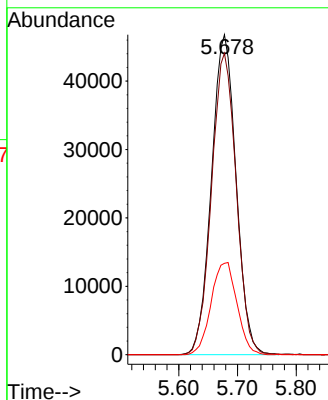
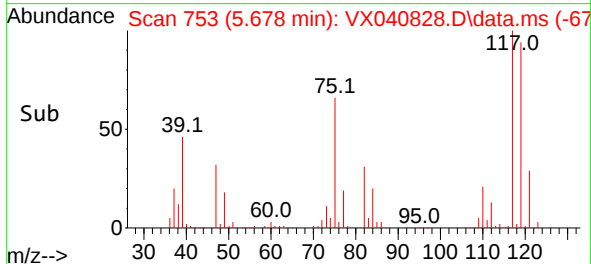
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:117 Resp: 136002
Ion Ratio Lower Upper
117 100
119 94.2 78.2 117.4
121 28.6 24.7 37.1

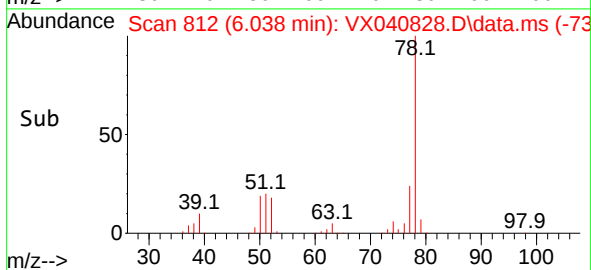
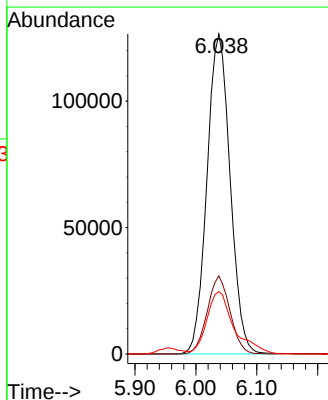
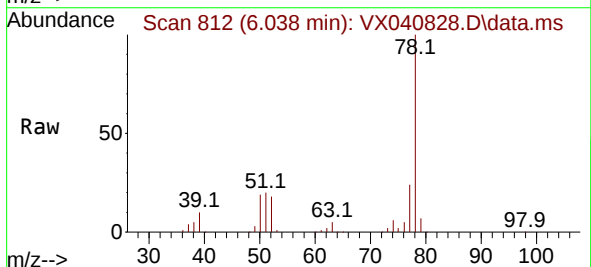
Manual Integrations
APPROVED

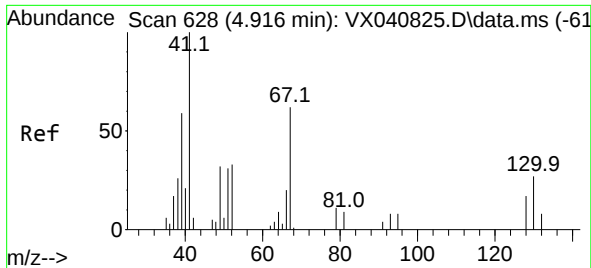
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#34
Benzene
Concen: 141.901 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

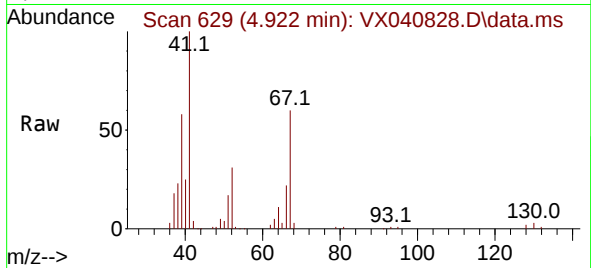
Tgt Ion: 78 Resp: 334645
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9
51 19.4 14.4 21.6





#35
Methacrylonitrile
Concen: 150.444 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

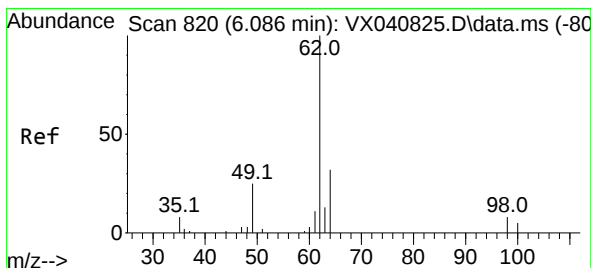
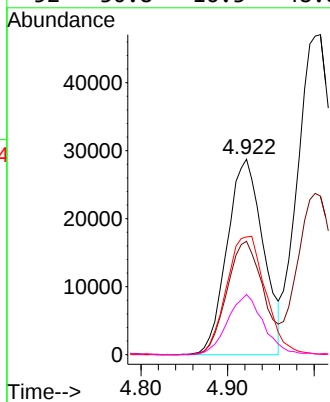
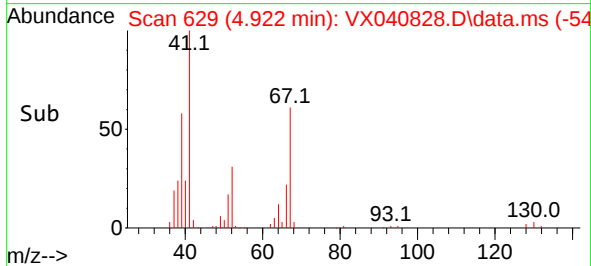
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 83470
Ion Ratio Lower Upper
41 100
39 58.0 28.2 84.7
67 60.2 34.5 103.5
52 30.8 16.3 48.8

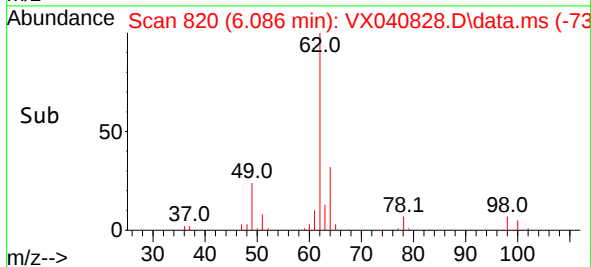
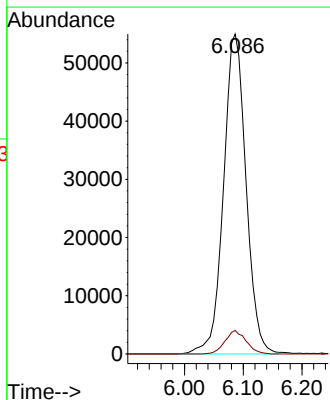
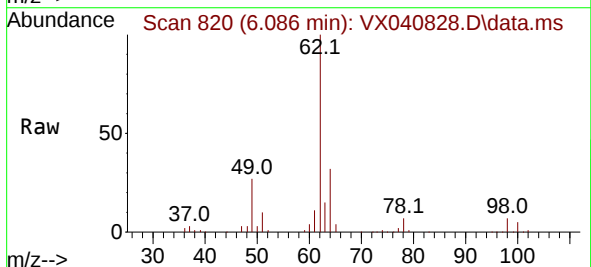
Manual Integrations
APPROVED

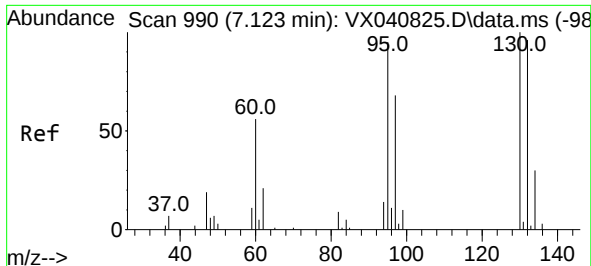
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#36
1,2-Dichloroethane
Concen: 142.806 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

Tgt Ion: 62 Resp: 146330
Ion Ratio Lower Upper
62 100
98 6.9 7.0 10.4#





#37

Trichloroethene

Concen: 142.103 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX040828.D

Acq: 28 Mar 2024 17:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:130 Resp: 8278

Ion Ratio Lower Upper

130 100

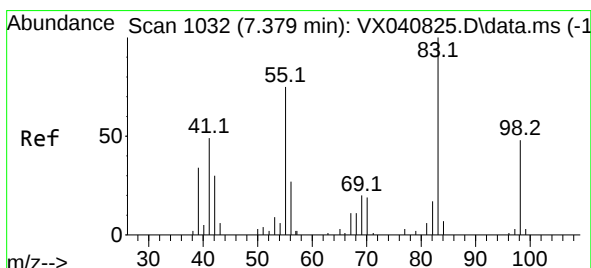
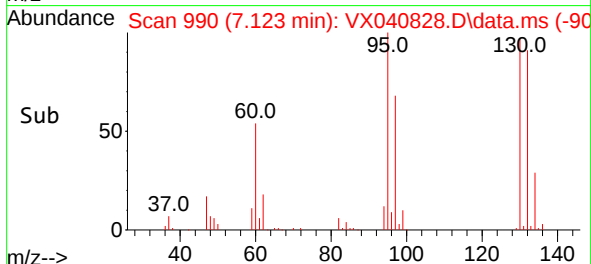
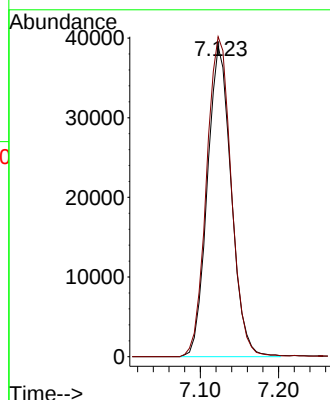
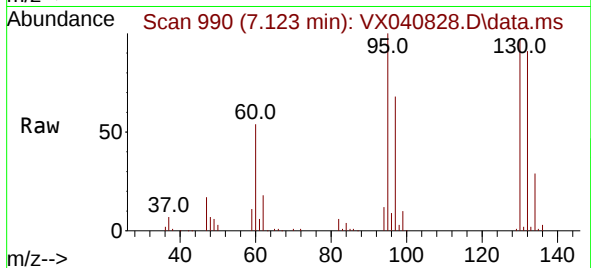
95 103.1 85.8 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#38

Methylcyclohexane

Concen: 142.081 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX040828.D

Acq: 28 Mar 2024 17:11

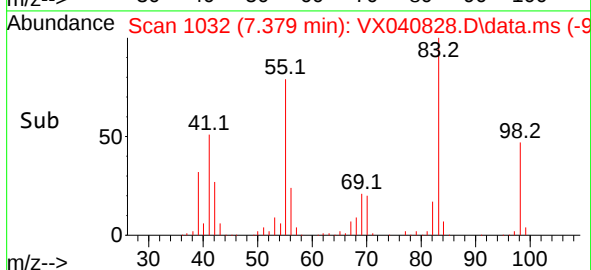
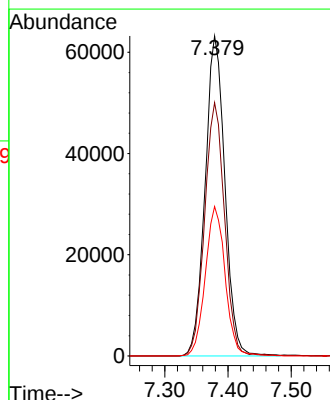
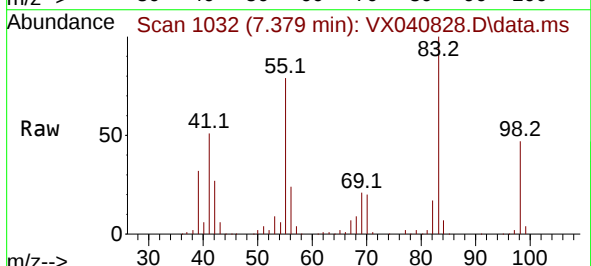
Tgt Ion: 83 Resp: 137902

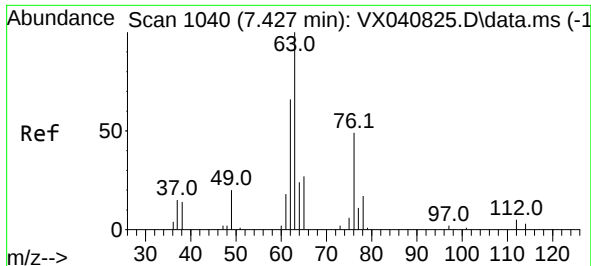
Ion Ratio Lower Upper

83 100

55 79.1 38.6 116.0

98 46.8 22.3 66.8





#39

1,2-Dichloropropane

Concen: 140.141 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX040828.D

Acq: 28 Mar 2024 17:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 7852

Ion Ratio Lower Upper

63 100

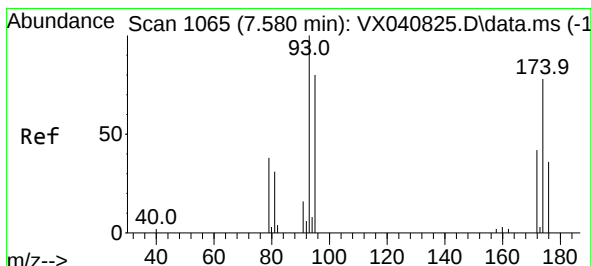
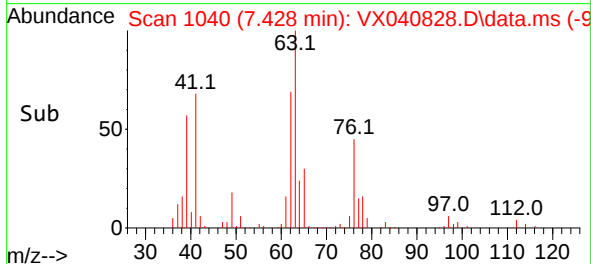
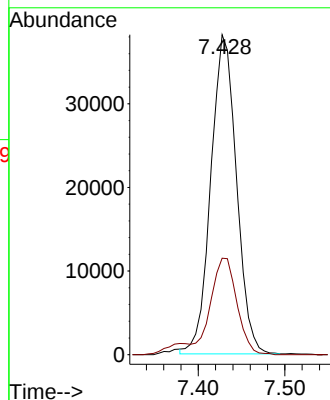
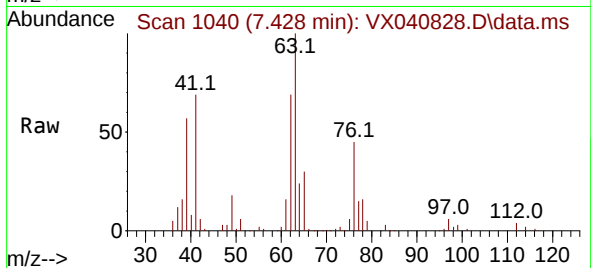
65 30.2 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#40

Dibromomethane

Concen: 139.379 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX040828.D

Acq: 28 Mar 2024 17:11

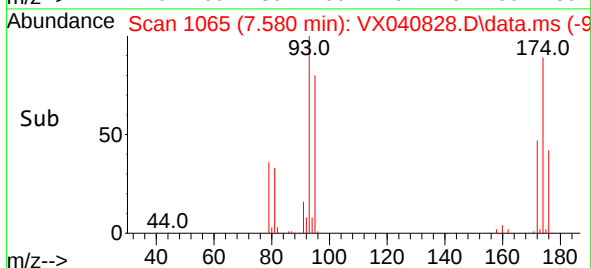
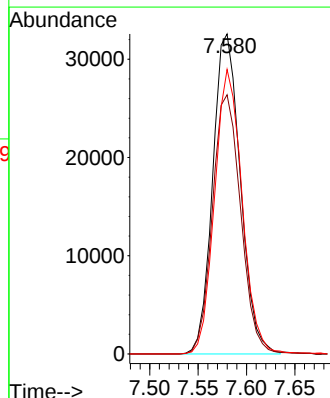
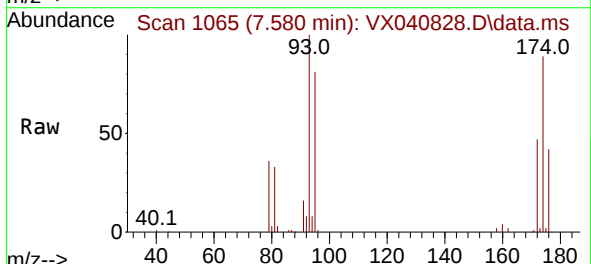
Tgt Ion: 93 Resp: 64752

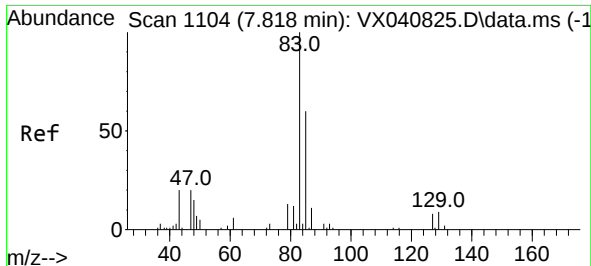
Ion Ratio Lower Upper

93 100

95 82.7 0.0 163.4

174 88.3 0.0 166.4





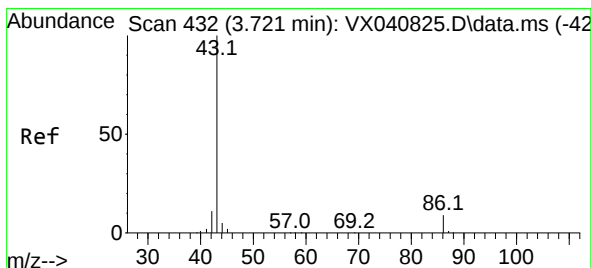
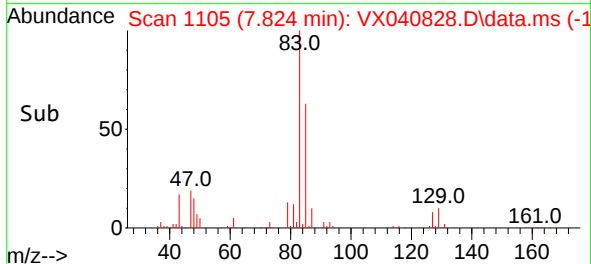
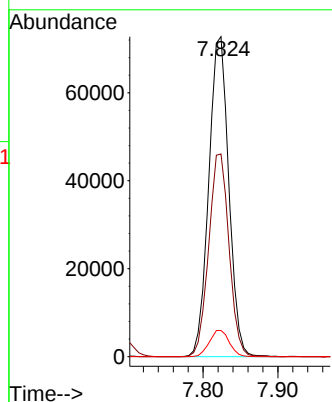
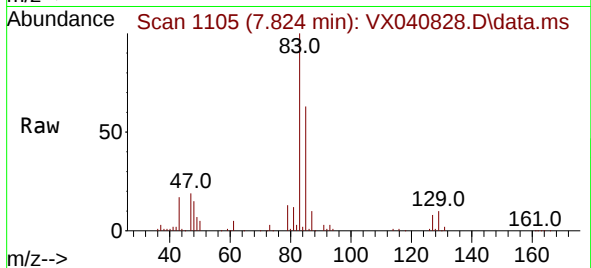
#41
Bromodichloromethane
Concen: 143.719 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 135549
Ion Ratio Lower Upper
83 100
85 63.4 50.8 76.2
127 8.2 5.9 8.9

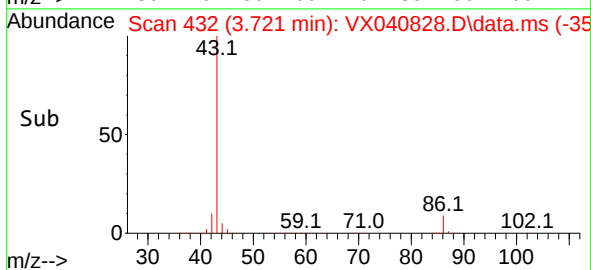
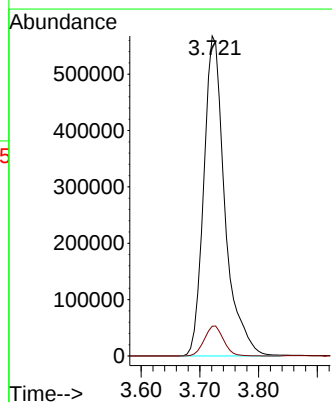
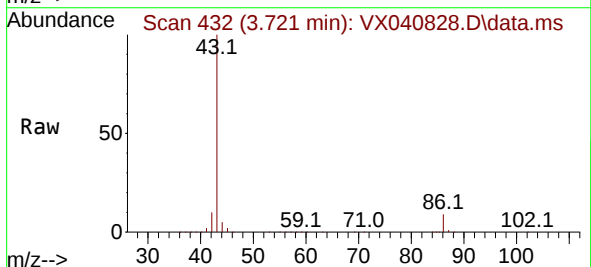
Manual Integrations
APPROVED

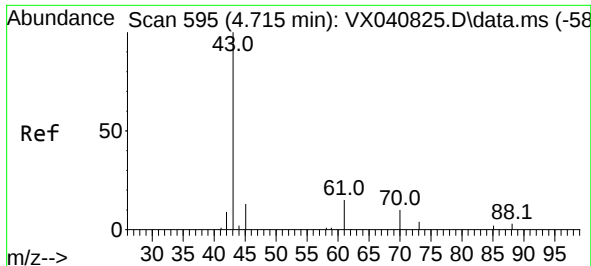
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#42
Vinyl Acetate
Concen: 738.680 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

Tgt Ion: 43 Resp: 1420248
Ion Ratio Lower Upper
43 100
86 8.5 6.7 10.1





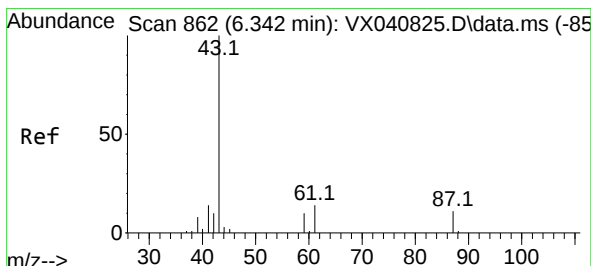
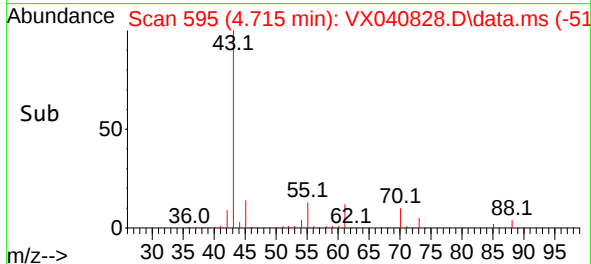
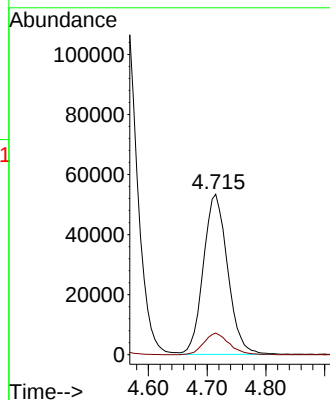
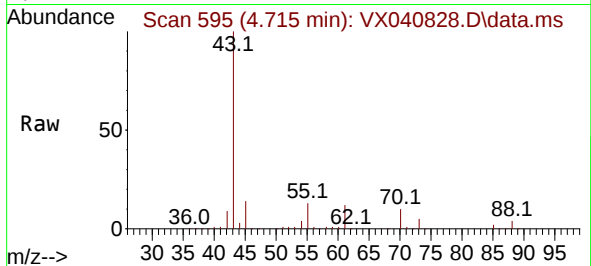
#43
Ethyl Acetate
Concen: 149.301 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 153336
Ion Ratio Lower Upper
43 100
45 14.0 11.8 17.8

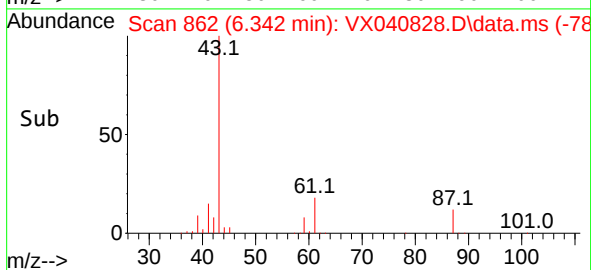
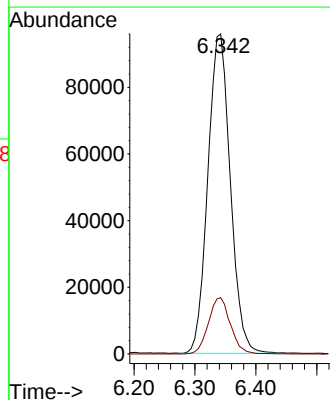
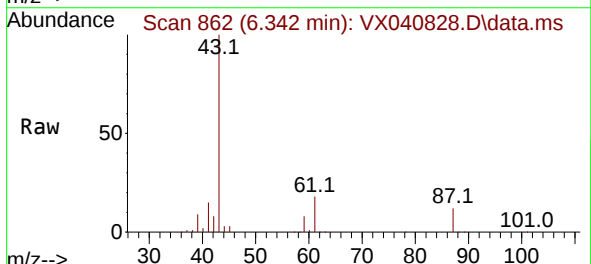
Manual Integrations
APPROVED

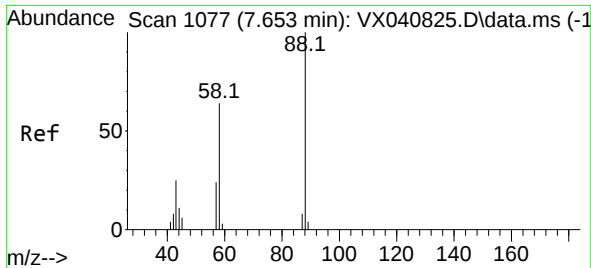
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#44
Isopropyl Acetate
Concen: 151.779 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

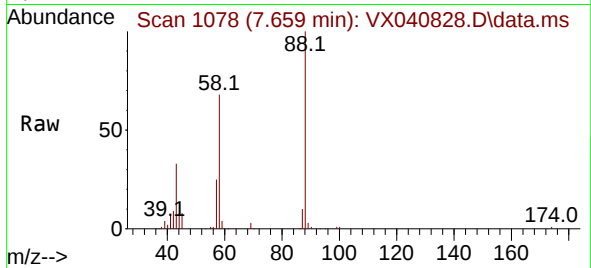
Tgt Ion: 43 Resp: 245518
Ion Ratio Lower Upper
43 100
61 17.3 15.6 23.4





#45
1,4-Dioxane
Concen: 3018.219 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

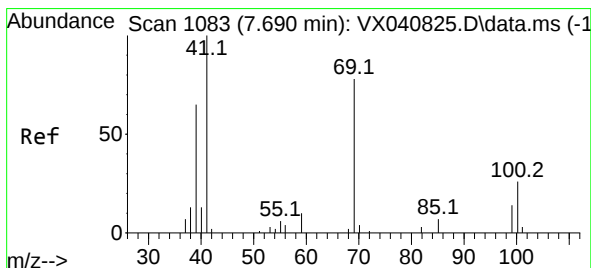
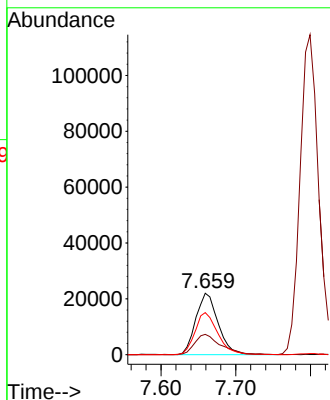
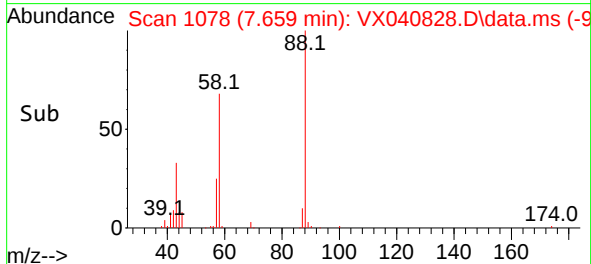
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 88 Resp: 45710
Ion Ratio Lower Upper
88 100
43 38.0 28.1 42.1
58 69.1 57.7 86.5

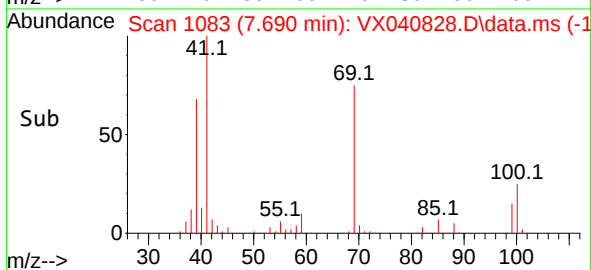
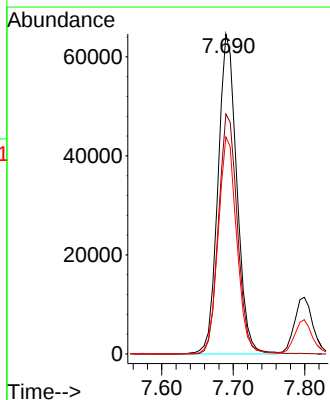
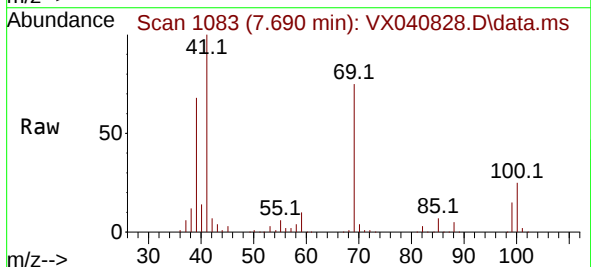
Manual Integrations
APPROVED

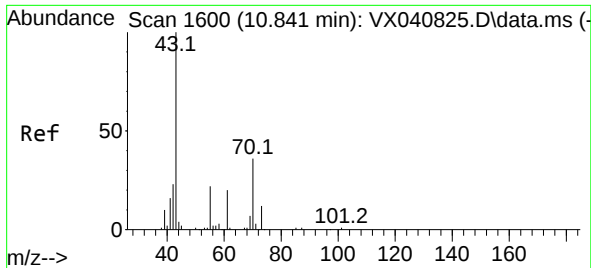
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#46
Methyl methacrylate
Concen: 151.857 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

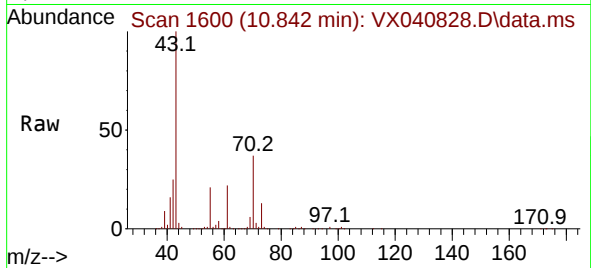
Tgt Ion: 41 Resp: 118265
Ion Ratio Lower Upper
41 100
69 74.9 39.6 118.8
39 67.8 30.1 90.3





#47
n-amy1 Acetate
Concen: 155.868 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

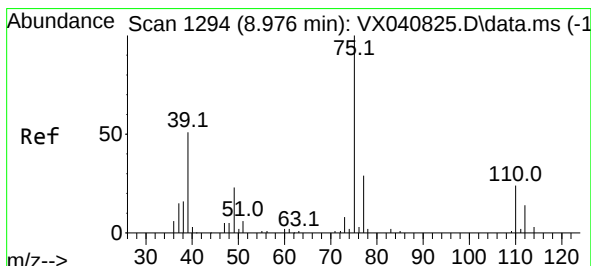
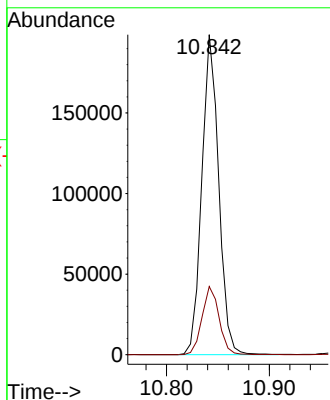
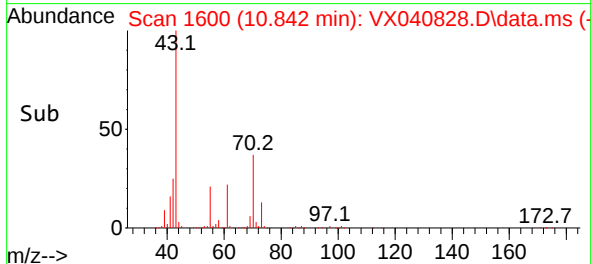
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 227030
Ion Ratio Lower Upper
43 100
55 21.5 18.2 27.2

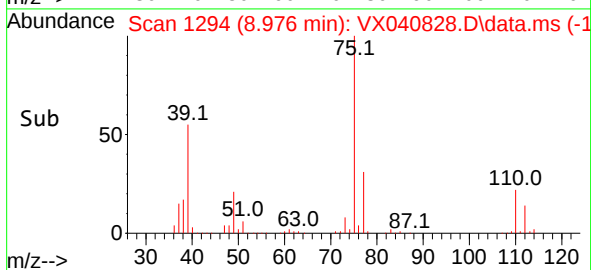
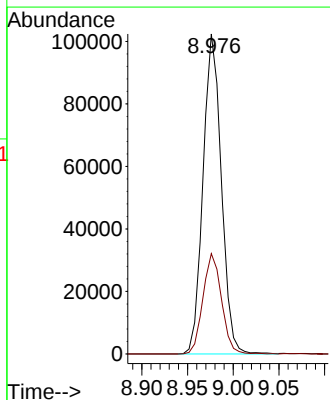
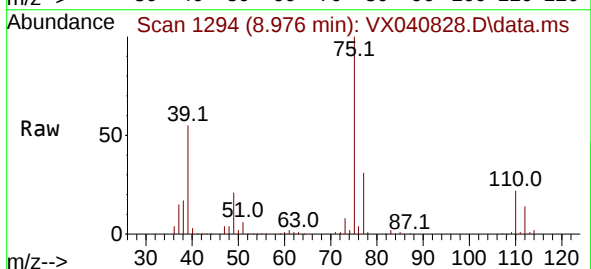
Manual Integrations
APPROVED

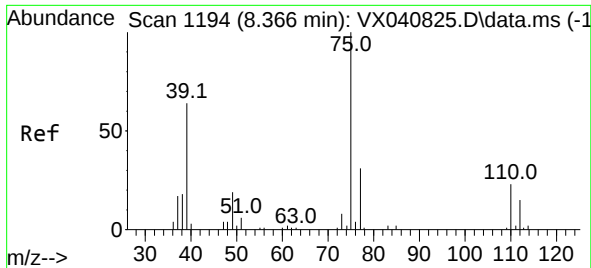
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#48
t-1,3-Dichloropropene
Concen: 152.008 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

Tgt Ion: 75 Resp: 142221
Ion Ratio Lower Upper
75 100
77 31.4 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 146.255 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040828.D

Acq: 28 Mar 2024 17:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 75 Resp: 141369

Ion Ratio Lower Upper

75 100

77 30.8 24.4 36.6

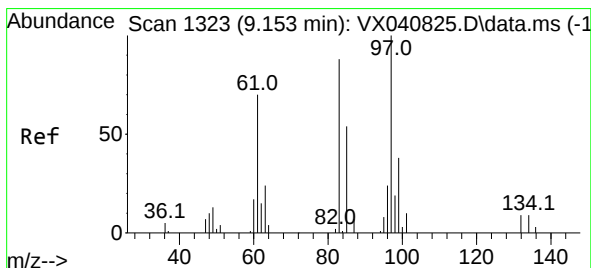
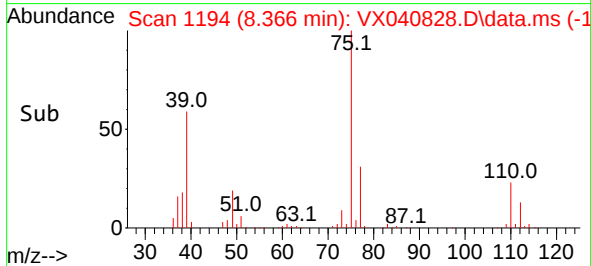
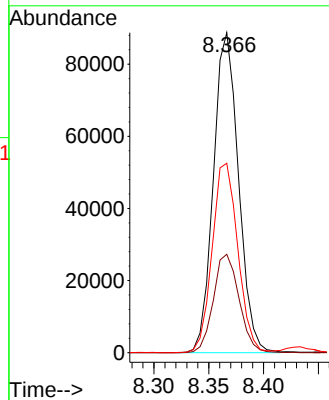
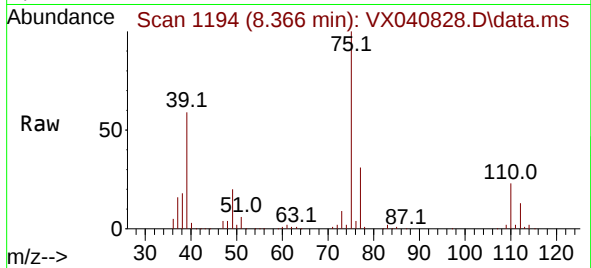
39 59.1 40.6 60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#50

1,1,2-Trichloroethane

Concen: 144.100 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX040828.D

Acq: 28 Mar 2024 17:11

Tgt Ion: 97 Resp: 82098

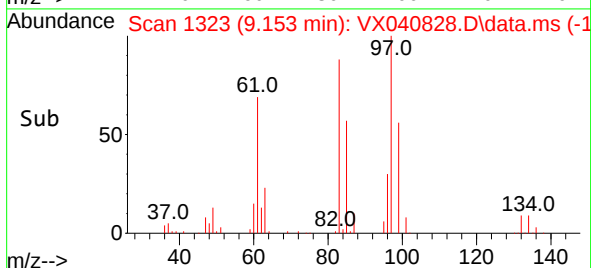
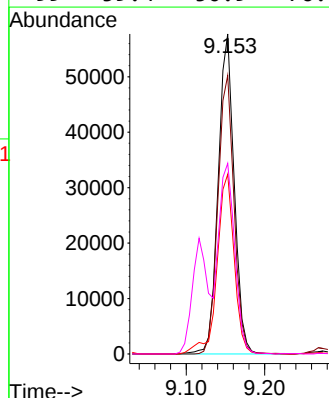
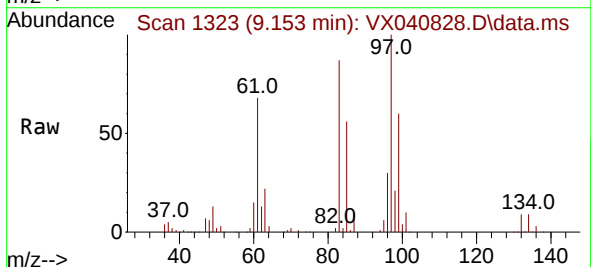
Ion Ratio Lower Upper

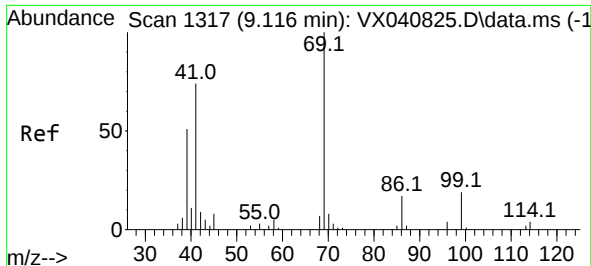
97 100

83 87.0 69.0 103.6

85 56.1 46.3 69.5

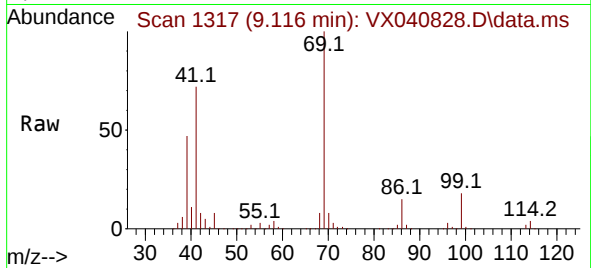
99 59.4 50.9 76.3





#51
Ethyl methacrylate
Concen: 152.090 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

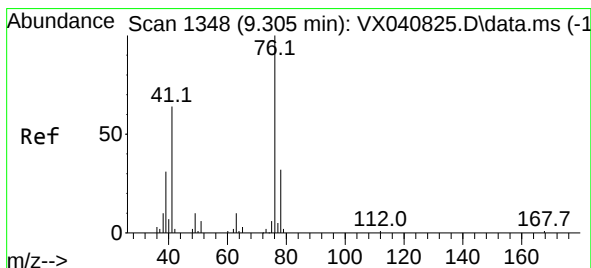
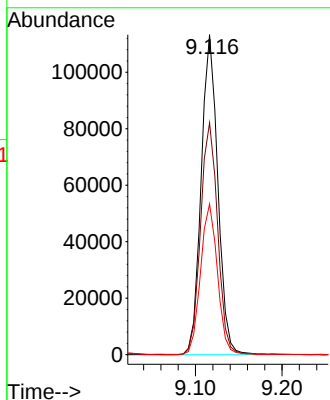
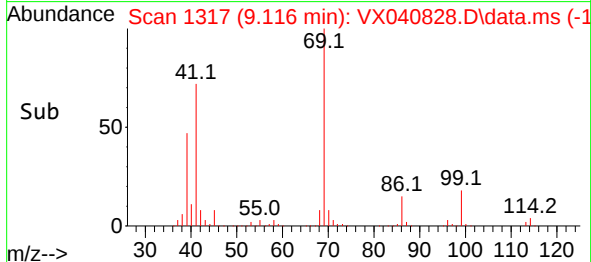
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 69 Resp: 151339
Ion Ratio Lower Upper
69 100
41 72.4 36.2 108.6
39 47.0 21.1 63.4

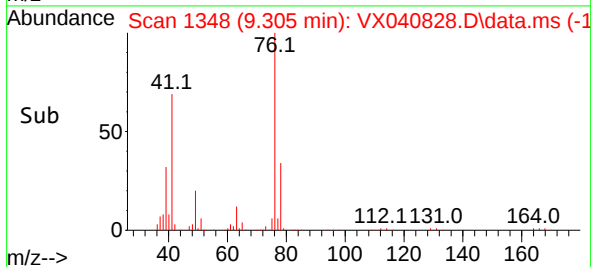
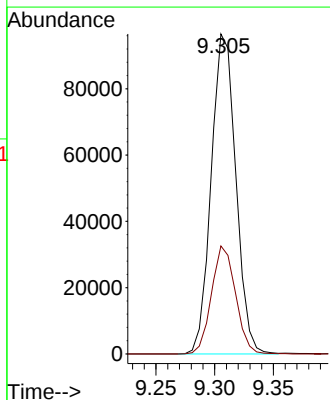
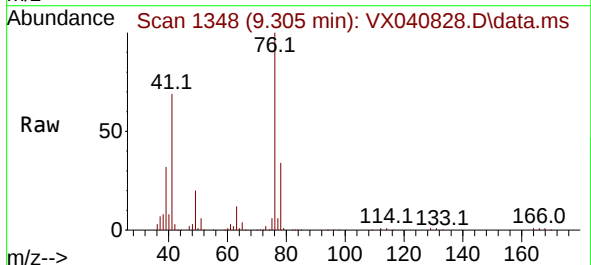
Manual Integrations
APPROVED

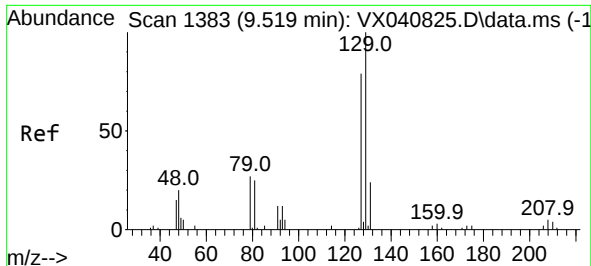
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#52
1,3-Dichloropropane
Concen: 143.836 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

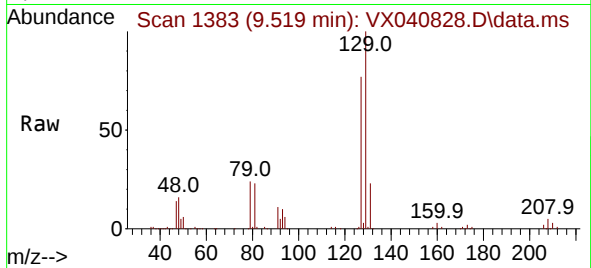
Tgt Ion: 76 Resp: 140847
Ion Ratio Lower Upper
76 100
78 33.0 0.0 65.0





#53
Dibromochloromethane
Concen: 148.270 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

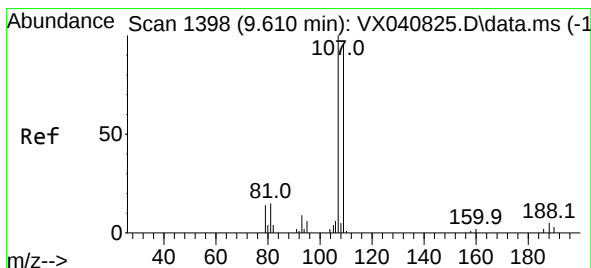
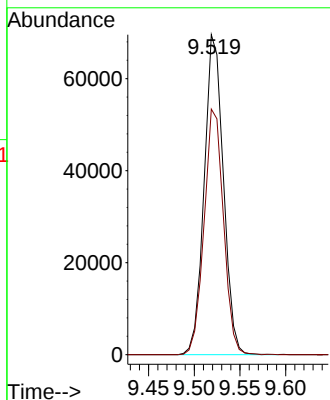
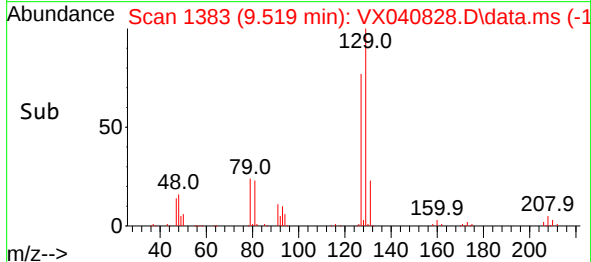
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:129 Resp: 101214
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.9

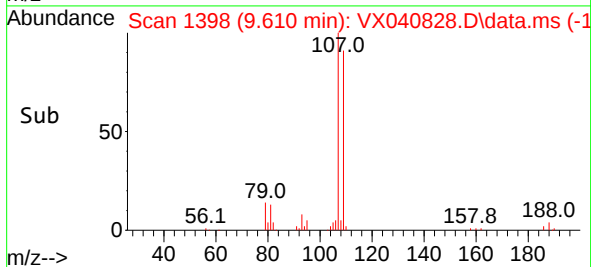
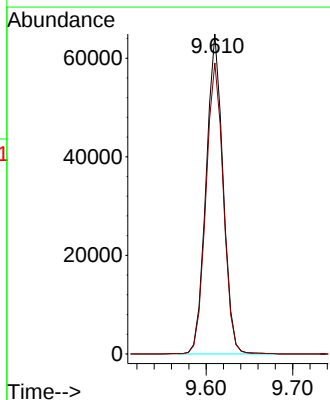
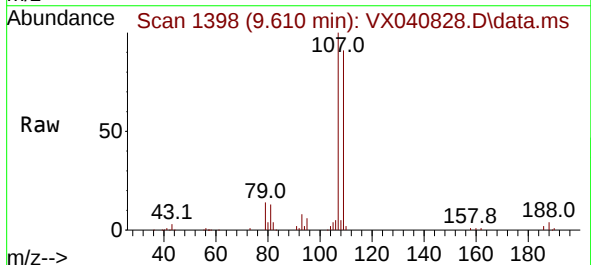
Manual Integrations
APPROVED

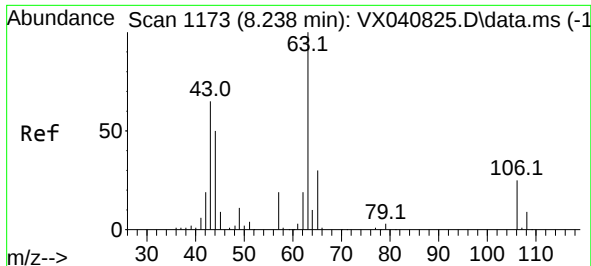
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#54
1,2-Dibromoethane
Concen: 139.964 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

Tgt Ion:107 Resp: 88261
Ion Ratio Lower Upper
107 100
109 93.3 75.1 112.7





#55

2-Chloroethyl vinyl ether

Concen: 753.100 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX040828.D

Acq: 28 Mar 2024 17:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 366552

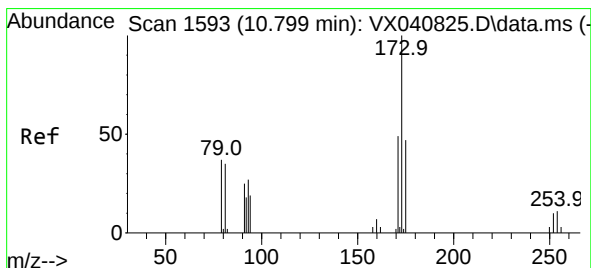
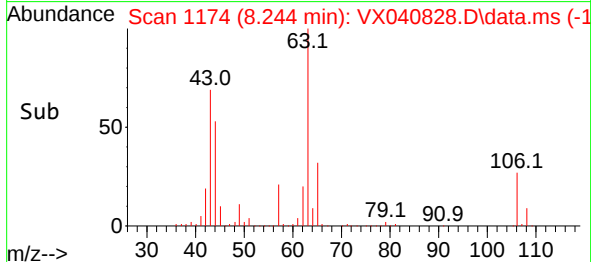
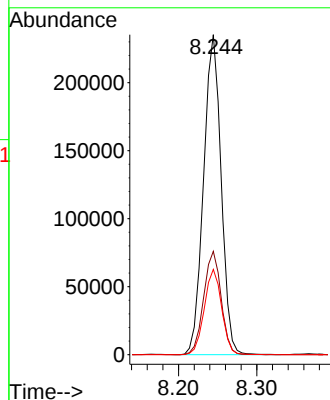
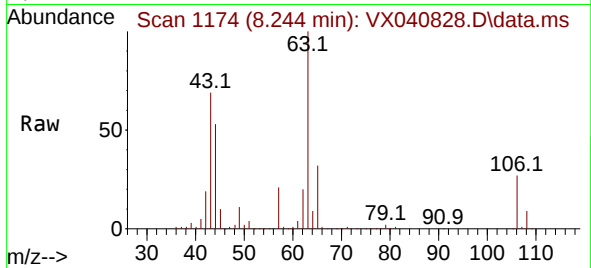
Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.8	38.6
106	26.3	20.6	31.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#56

Bromoform

Concen: 155.903 ug/l

RT: 10.799 min Scan# 1593

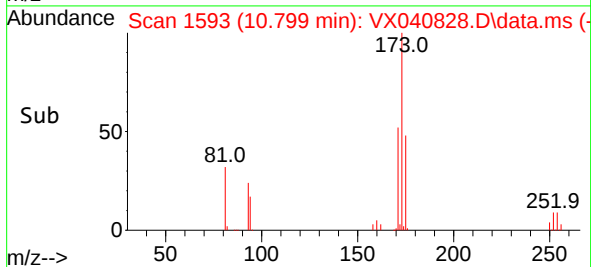
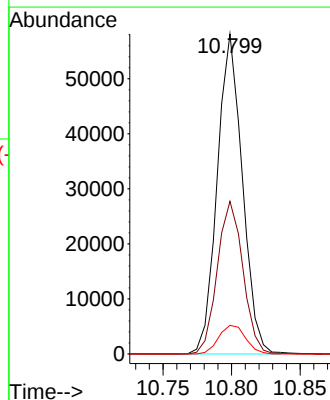
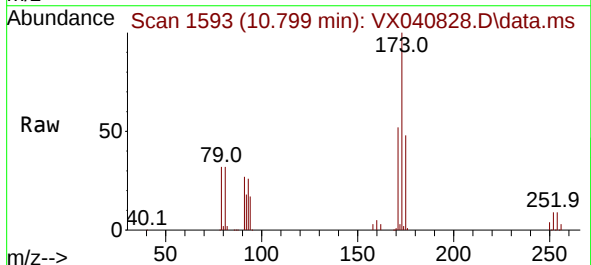
Delta R.T. 0.000 min

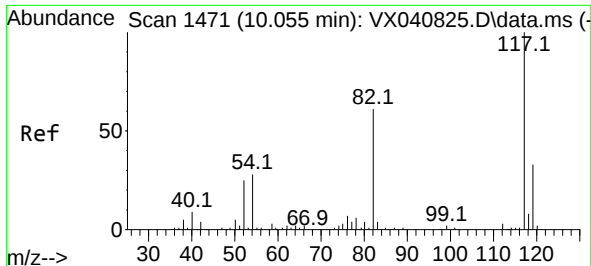
Lab File: VX040828.D

Acq: 28 Mar 2024 17:11

Tgt Ion:173 Resp: 73992

Ion	Ratio	Lower	Upper
173	100		
175	48.7	37.6	56.4
254	9.6	5.8	8.8#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX040828.D

Acq: 28 Mar 2024 17:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:117 Resp: 36892

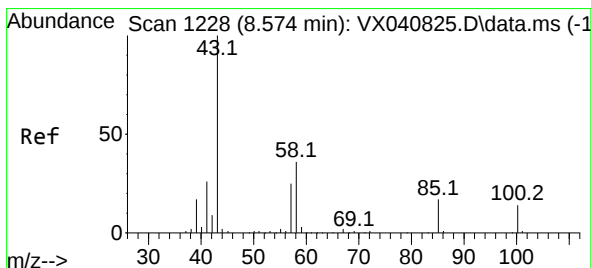
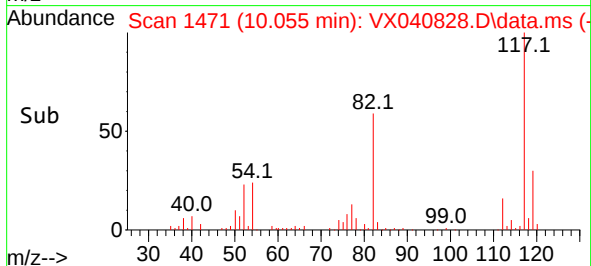
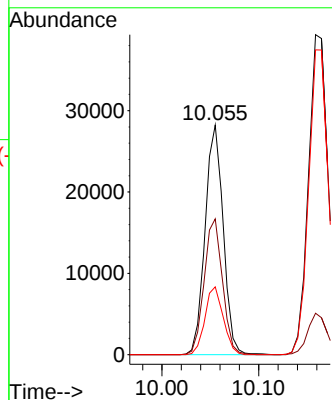
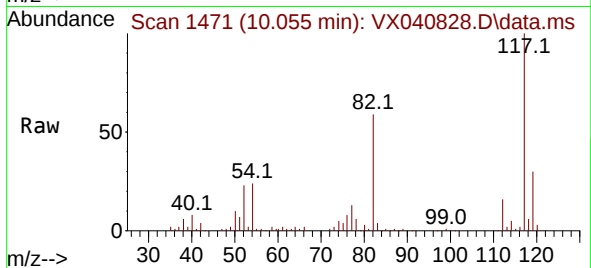
Ion	Ratio	Lower	Upper
117	100		
82	59.7	47.0	70.6
119	29.8	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#58

4-Methyl-2-Pentanone

Concen: 745.750 ug/l

RT: 8.574 min Scan# 1228

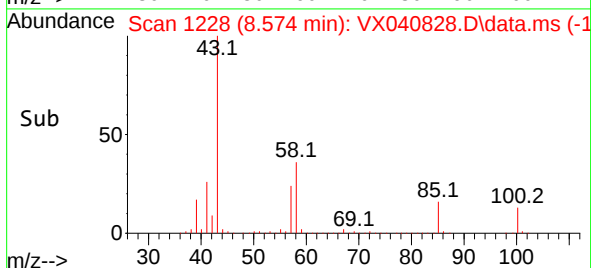
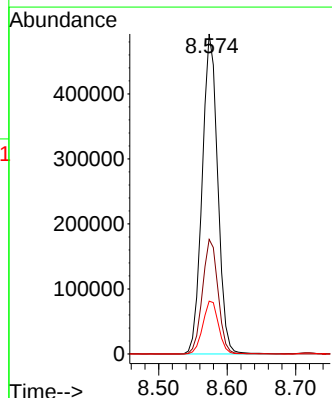
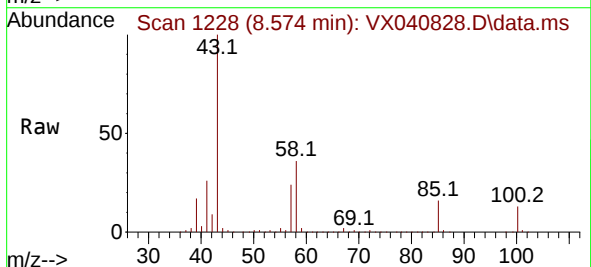
Delta R.T. 0.000 min

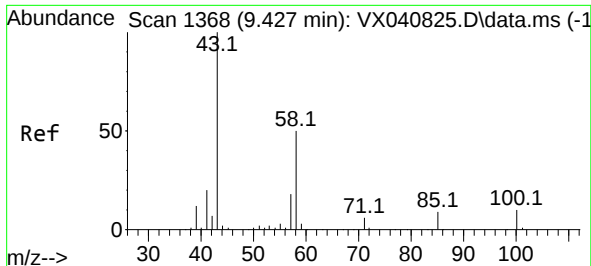
Lab File: VX040828.D

Acq: 28 Mar 2024 17:11

Tgt Ion: 43 Resp: 777020

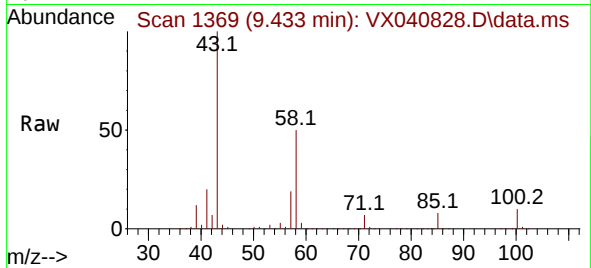
Ion	Ratio	Lower	Upper
43	100		
58	35.9	30.1	45.1
85	16.7	13.9	20.9





#59
2-Hexanone
Concen: 765.510 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

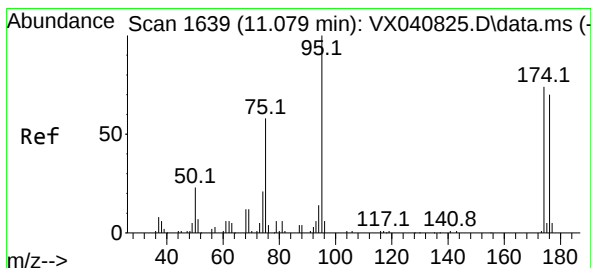
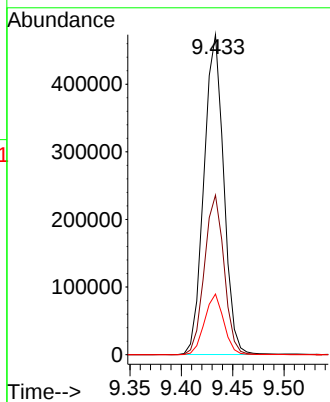
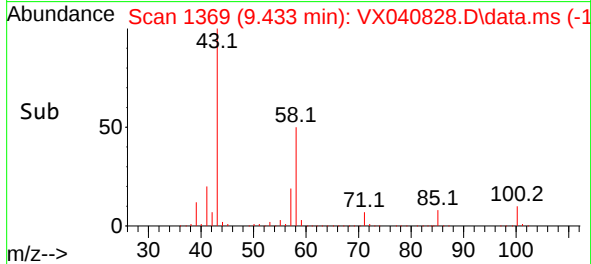
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 635649
Ion Ratio Lower Upper
43 100
58 49.7 42.7 64.1
57 18.4 14.8 22.2

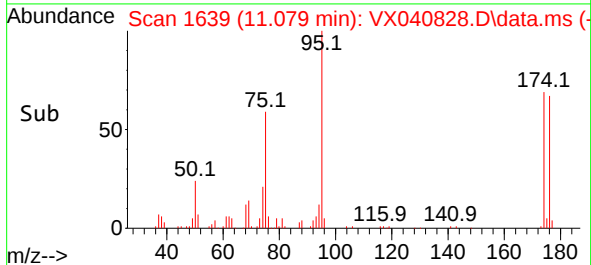
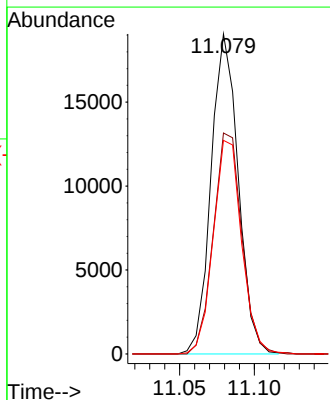
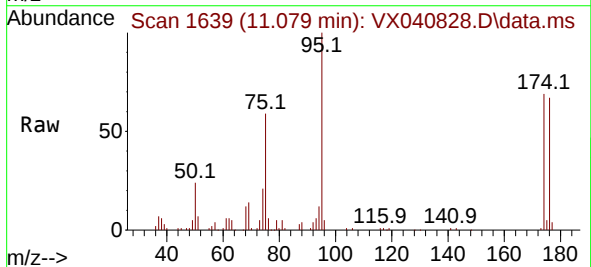
Manual Integrations
APPROVED

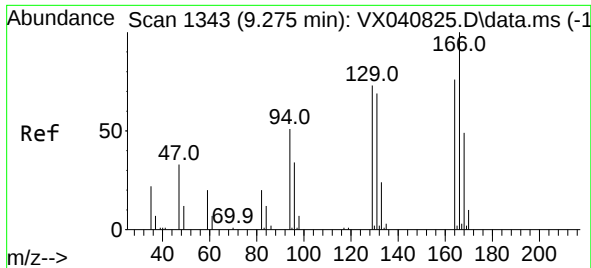
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#60
4-Bromofluorobenzene
Concen: 29.861 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

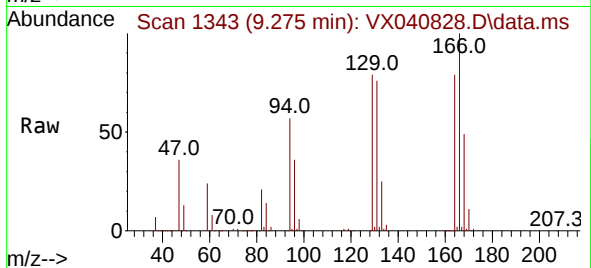
Tgt Ion: 95 Resp: 24065
Ion Ratio Lower Upper
95 100
174 72.5 55.4 83.2
176 70.0 52.6 78.8





#61
Tetrachloroethene
Concen: 147.752 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

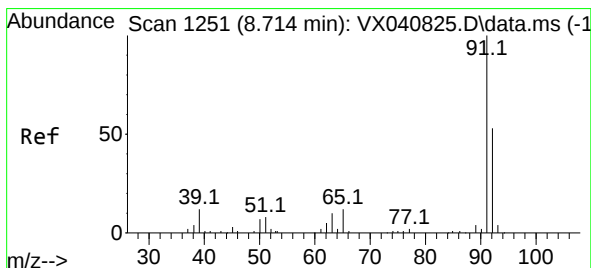
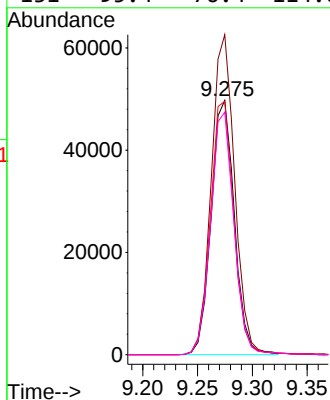
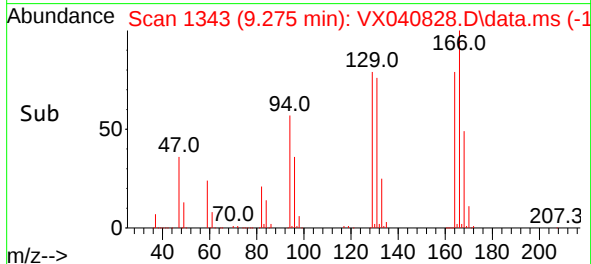
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:164 Resp: 73068
Ion Ratio Lower Upper
164 100
166 125.9 104.0 156.0
129 99.7 82.0 123.0
131 95.4 76.4 114.6

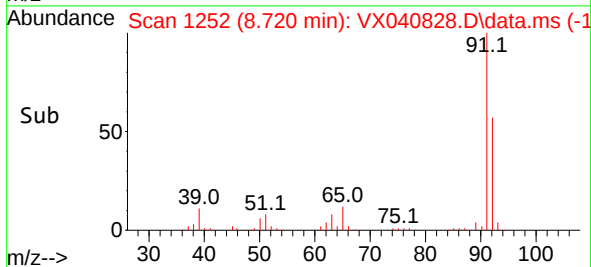
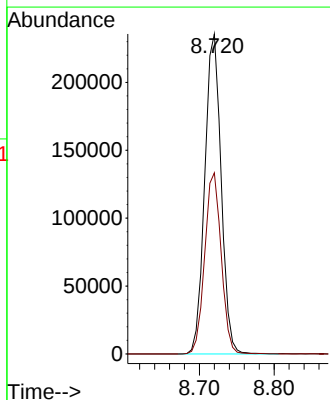
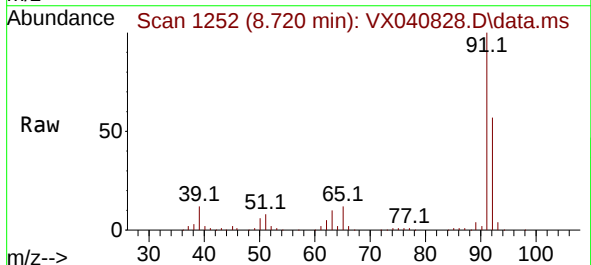
Manual Integrations
APPROVED

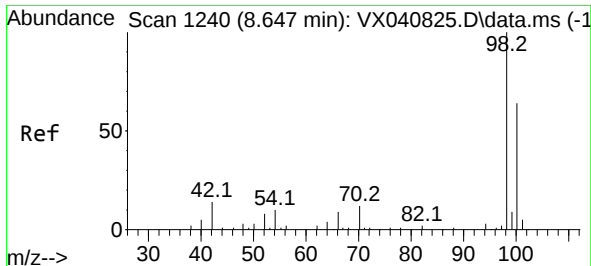
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#62
Toluene
Concen: 143.546 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

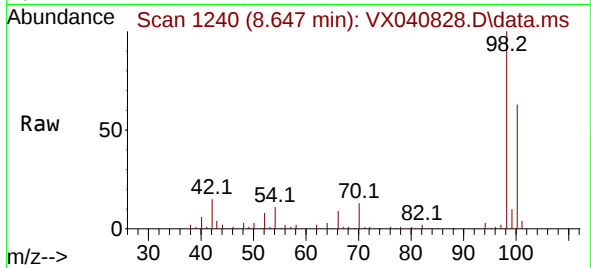
Tgt Ion: 91 Resp: 358163
Ion Ratio Lower Upper
91 100
92 57.0 45.9 68.9





#63
Toluene-d8
Concen: 28.723 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

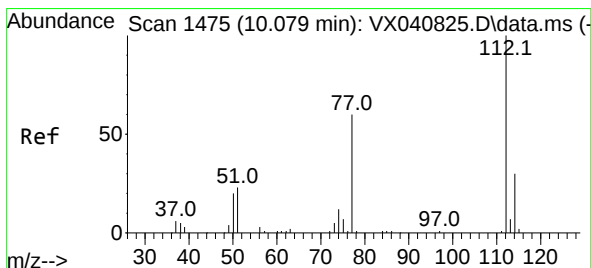
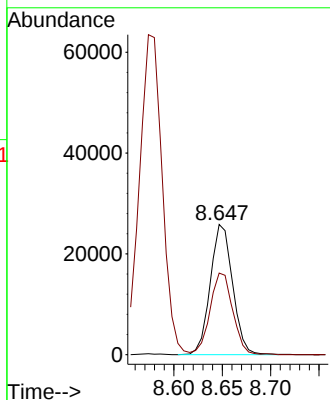
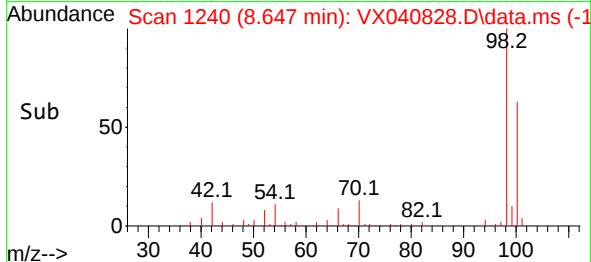
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 98 Resp: 4154
Ion Ratio Lower Upper
98 100
100 63.4 51.0 76.4

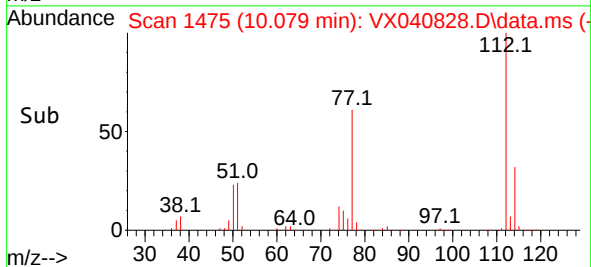
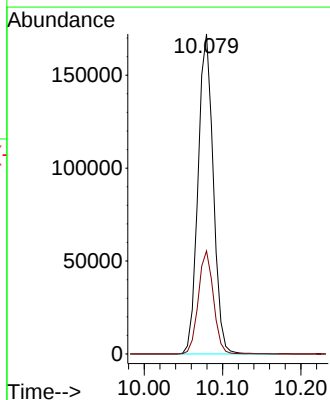
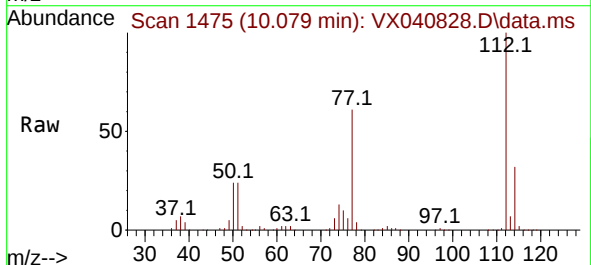
Manual Integrations
APPROVED

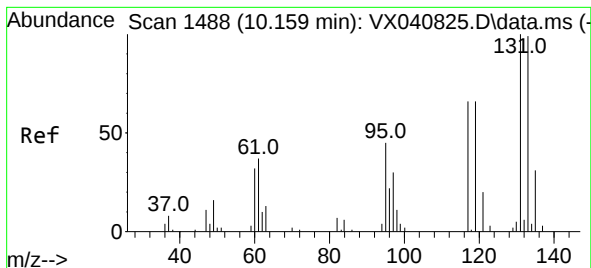
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#64
Chlorobenzene
Concen: 144.131 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

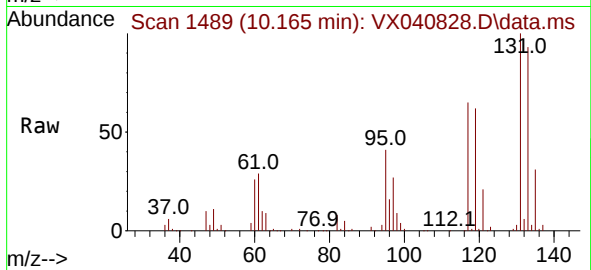
Tgt Ion:112 Resp: 232481
Ion Ratio Lower Upper
112 100
114 32.2 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 149.771 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

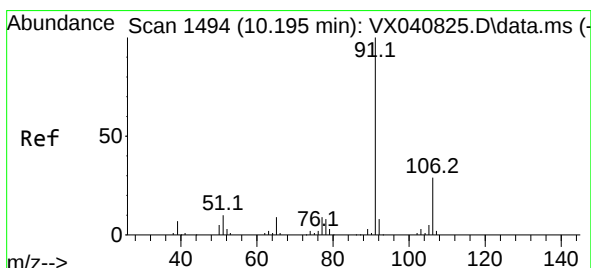
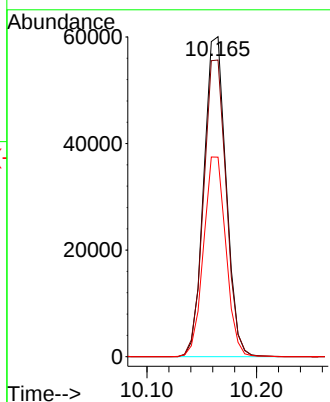
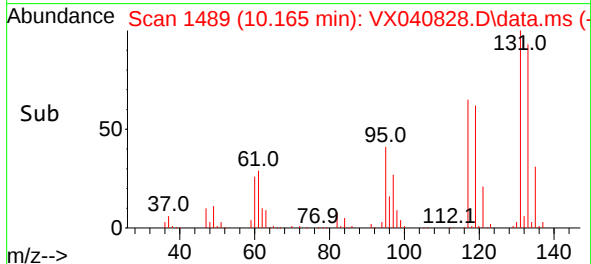
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:131 Resp: 84662
Ion Ratio Lower Upper
131 100
133 94.4 0.0 191.8
119 62.7 0.0 135.4

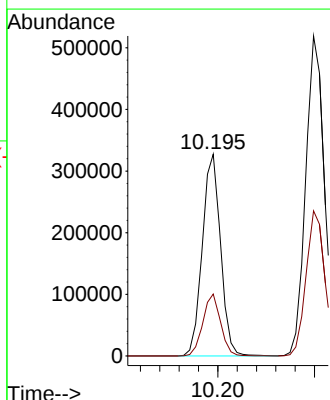
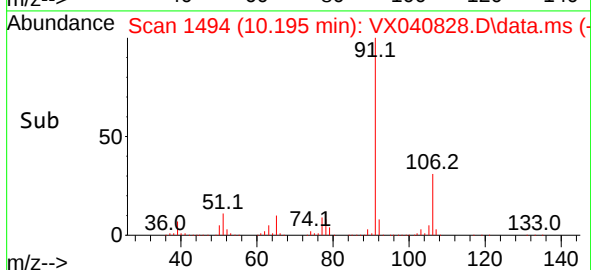
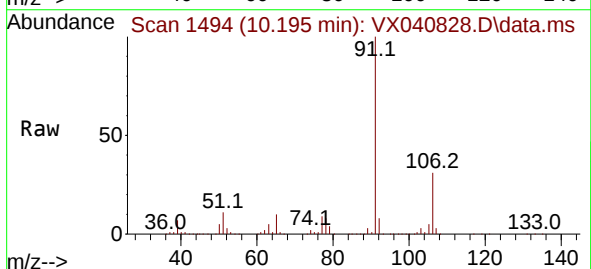
Manual Integrations
APPROVED

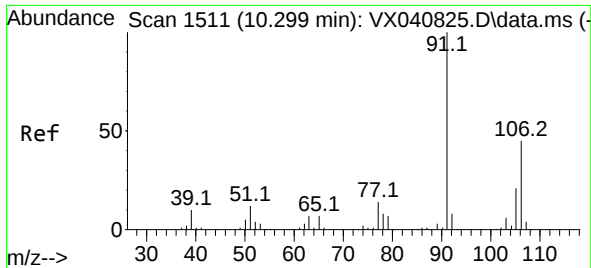
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#66
Ethyl Benzene
Concen: 146.693 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

Tgt Ion: 91 Resp: 430228
Ion Ratio Lower Upper
91 100
106 30.7 24.4 36.6





#67

m/p-Xylenes

Concen: 293.151 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX040828.D

Acq: 28 Mar 2024 17:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:106 Resp: 315640

Ion Ratio Lower Upper

106 100

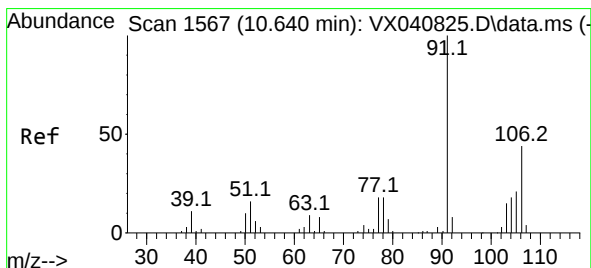
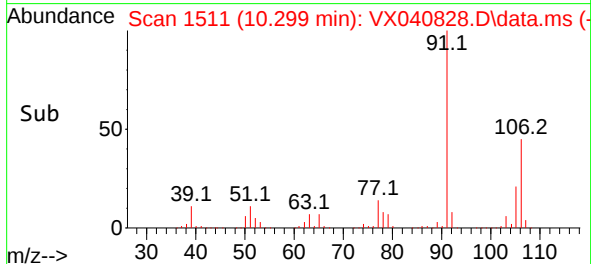
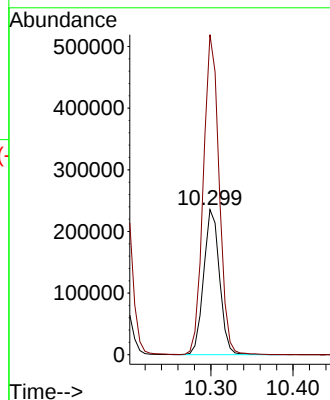
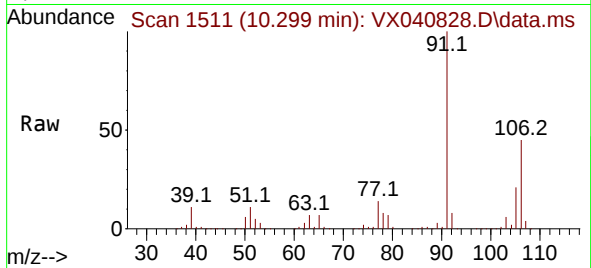
91 219.5 169.4 254.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#68

o-Xylene

Concen: 146.734 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX040828.D

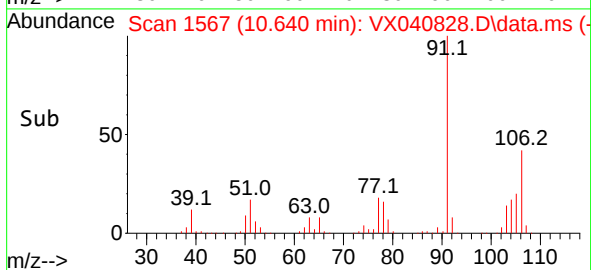
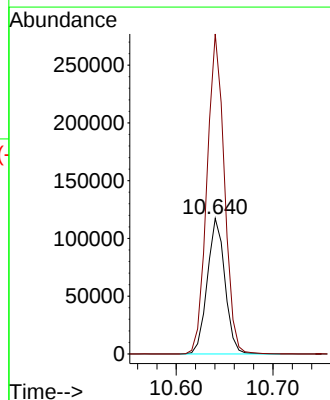
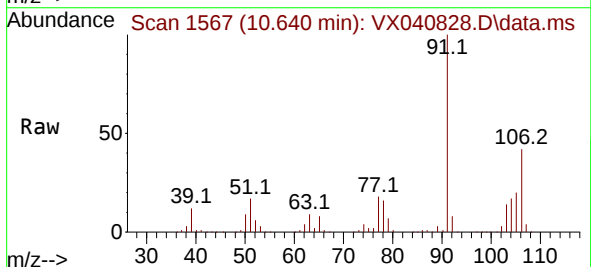
Acq: 28 Mar 2024 17:11

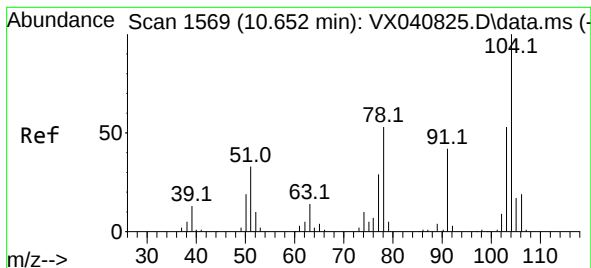
Tgt Ion:106 Resp: 148836

Ion Ratio Lower Upper

106 100

91 233.7 111.2 333.6





#69

Styrene

Concen: 150.063 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX040828.D

Acq: 28 Mar 2024 17:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

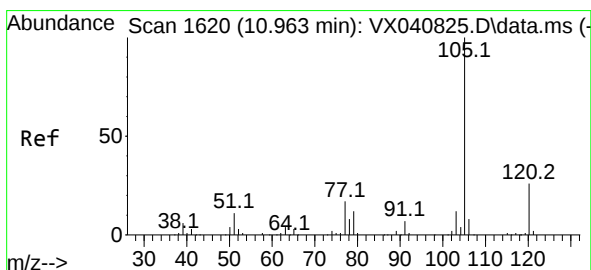
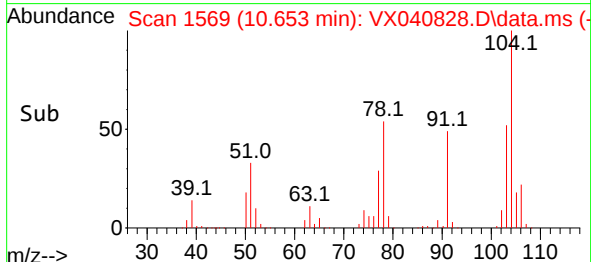
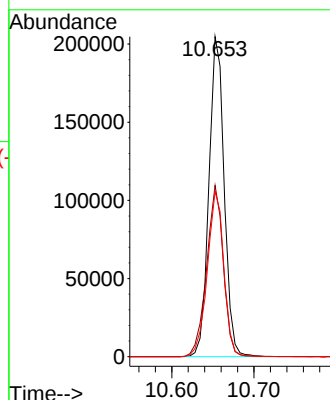
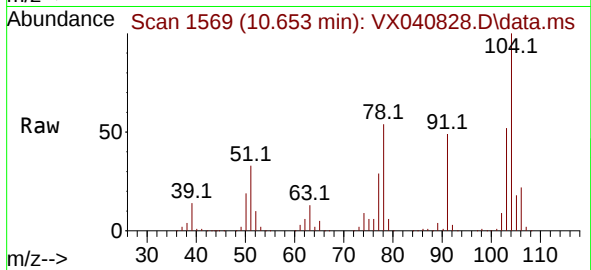
Tgt Ion:104 Resp: 264115
 Ion Ratio Lower Upper
 104 100
 78 58.2 43.7 65.5
 103 55.9 44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#70

Isopropylbenzene

Concen: 146.699 ug/l

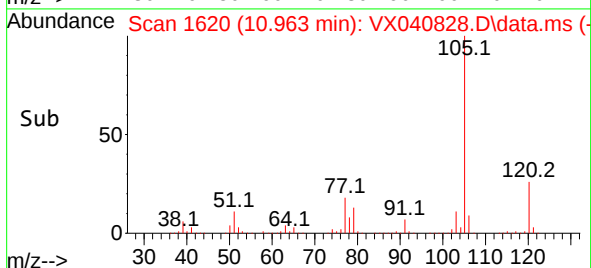
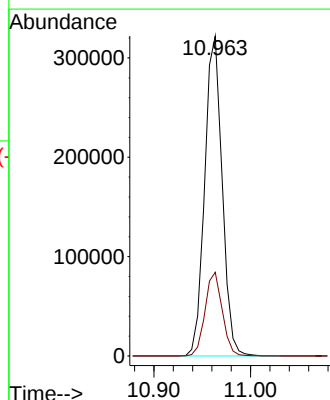
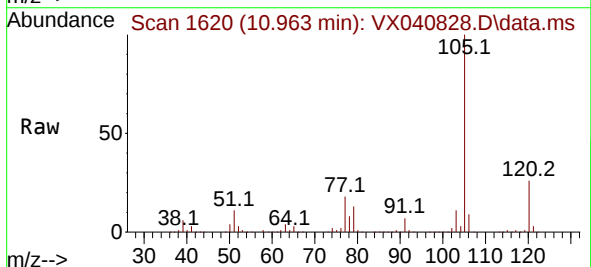
RT: 10.963 min Scan# 1620

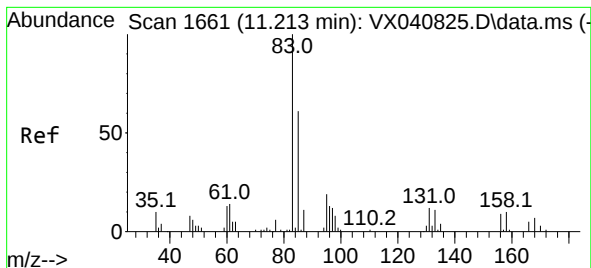
Delta R.T. 0.000 min

Lab File: VX040828.D

Acq: 28 Mar 2024 17:11

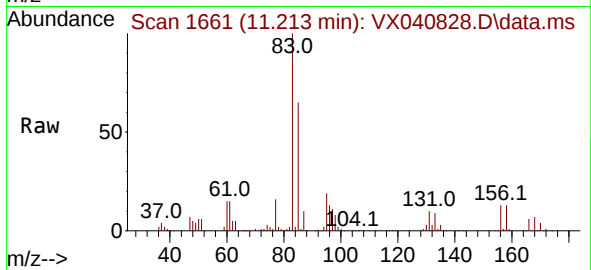
Tgt Ion:105 Resp: 405349
 Ion Ratio Lower Upper
 105 100
 120 25.8 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 149.744 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

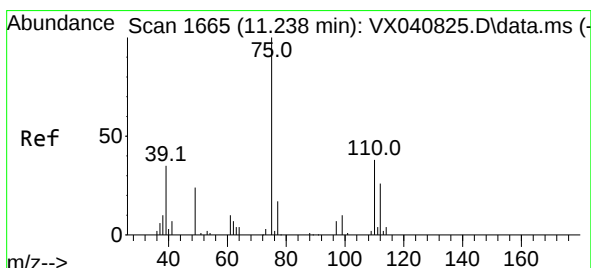
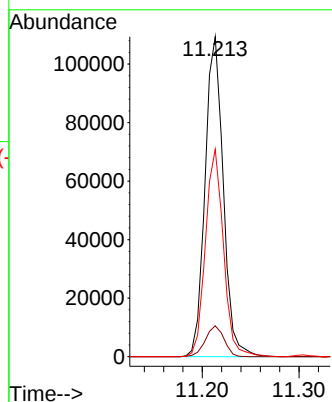
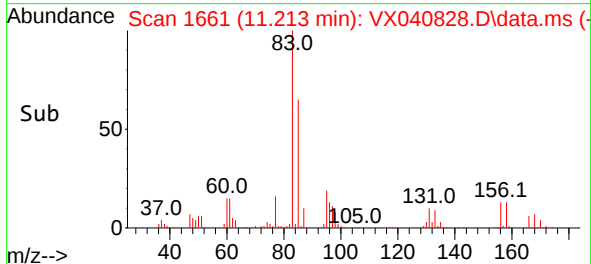
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



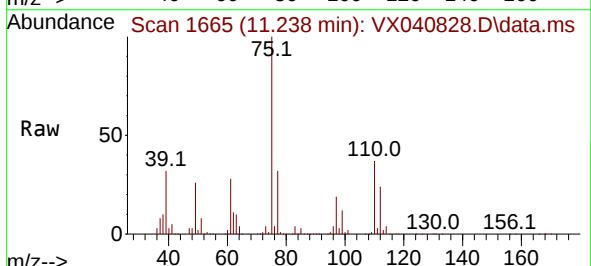
Tgt Ion: 83 Resp: 143690
Ion Ratio Lower Upper
83 100
131 9.9 4.6 13.8
85 64.1 32.5 97.4

Manual Integrations
APPROVED

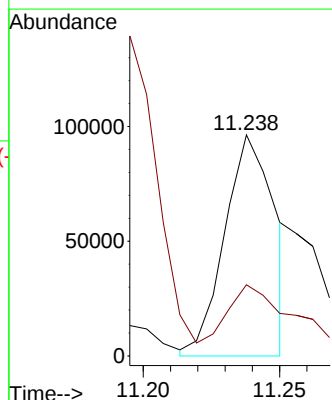
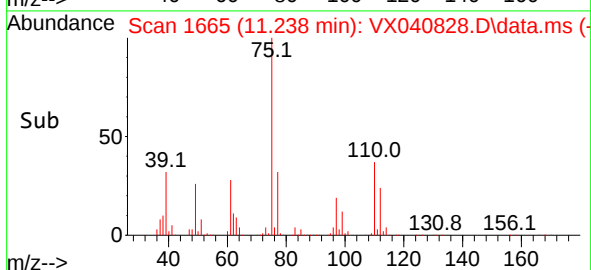
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

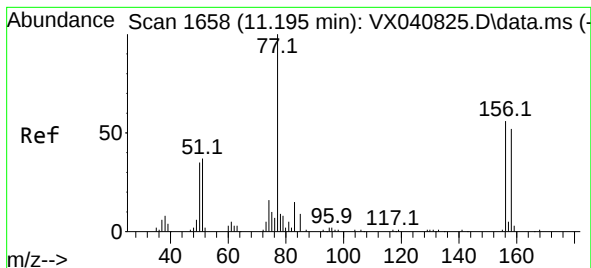


#72
1,2,3-Trichloropropane
Concen: 150.622 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11



Tgt Ion: 75 Resp: 122369
Ion Ratio Lower Upper
75 100
77 45.1 0.0 76.4





#73

Bromobenzene

Concen: 150.505 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040828.D

Acq: 28 Mar 2024 17:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:156 Resp: 9916

Ion Ratio Lower Upper

156 100

77 176.7 0.0 363.2

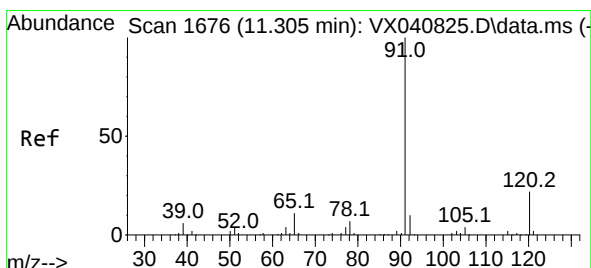
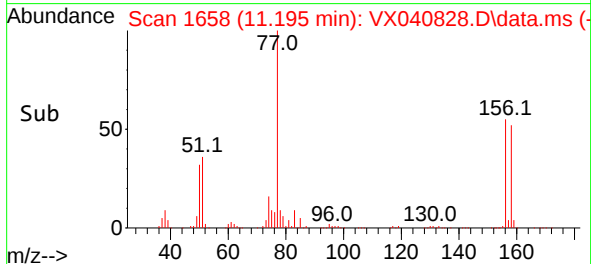
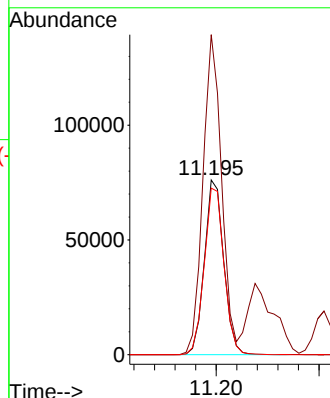
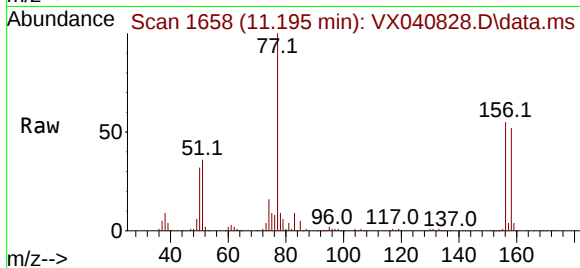
158 97.9 0.0 197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#74

n-propylbenzene

Concen: 149.619 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX040828.D

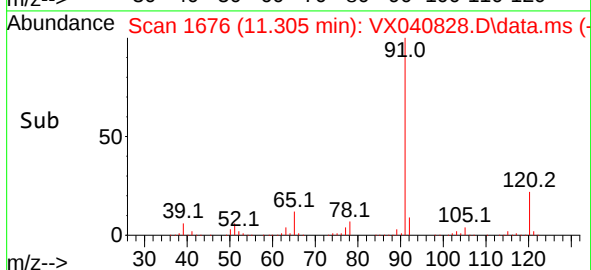
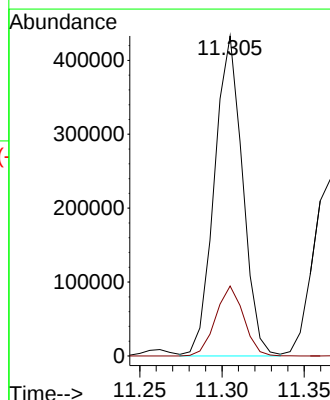
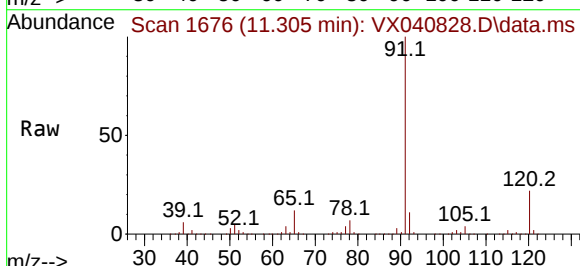
Acq: 28 Mar 2024 17:11

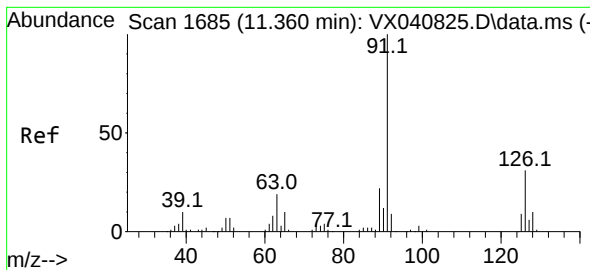
Tgt Ion: 91 Resp: 516109

Ion Ratio Lower Upper

91 100

120 21.6 0.0 43.4





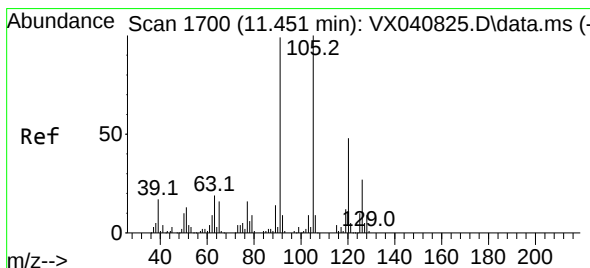
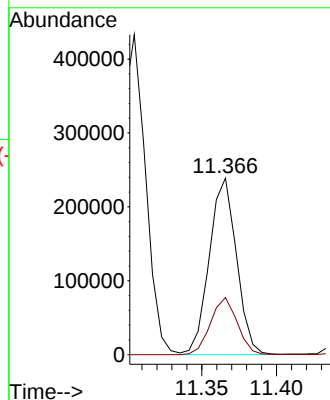
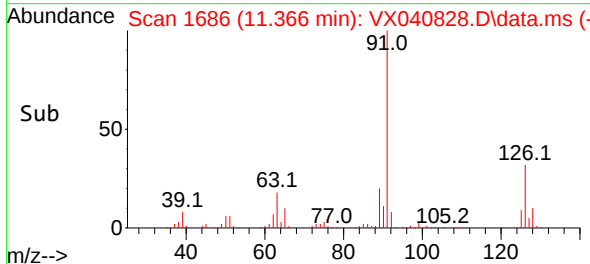
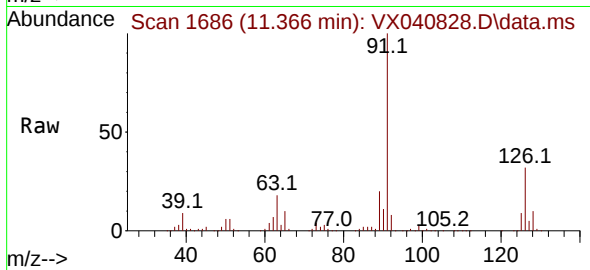
#75
2-Chlorotoluene
Concen: 148.365 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 30262
Ion Ratio Lower Upper
91 100
126 31.7 0.0 64.2

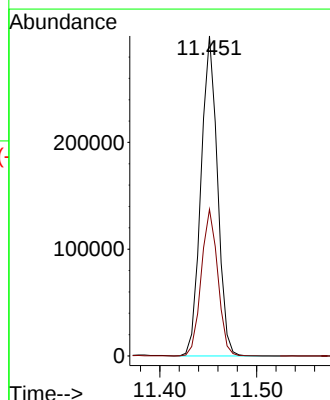
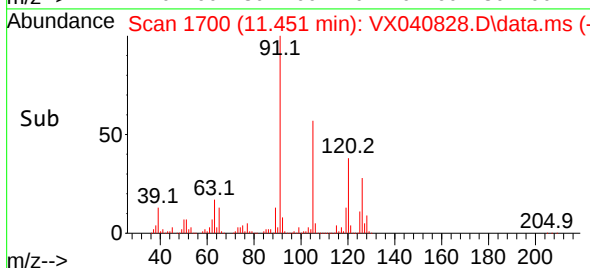
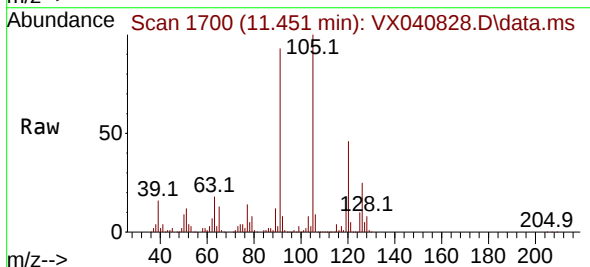
Manual Integrations
APPROVED

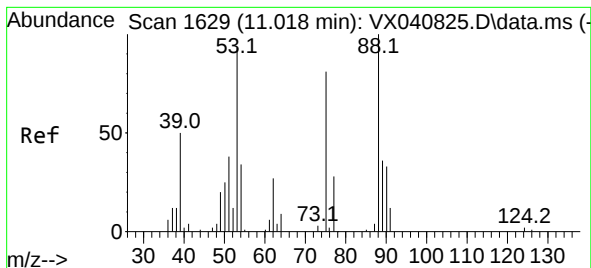
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#76
1,3,5-Trimethylbenzene
Concen: 148.651 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

Tgt Ion:105 Resp: 355431
Ion Ratio Lower Upper
105 100
120 46.0 0.0 92.6





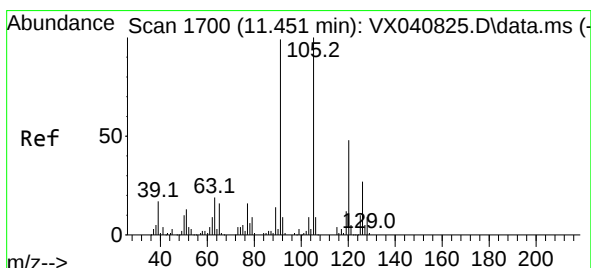
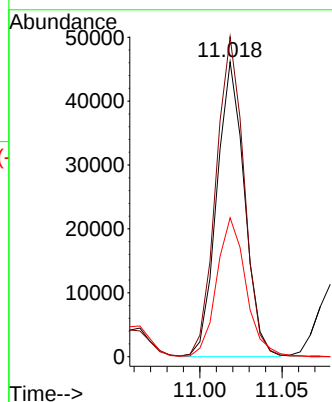
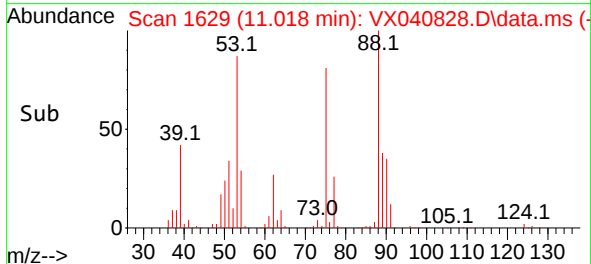
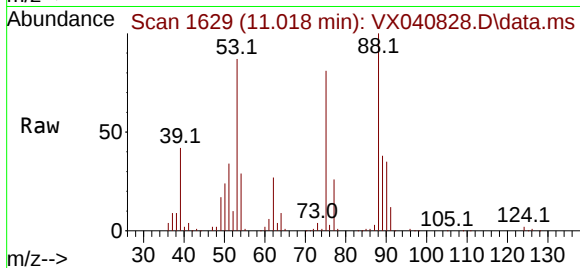
#77
t-1,4-Dichloro-2-butene
Concen: 167.401 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 54108
Ion Ratio Lower Upper
75 100
53 108.5 46.9 140.8
89 47.0 21.3 63.7

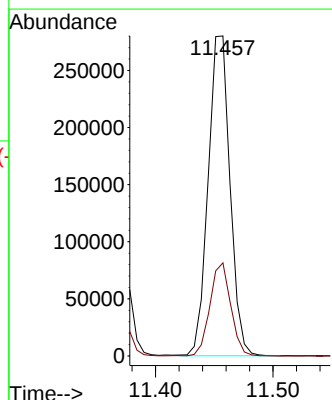
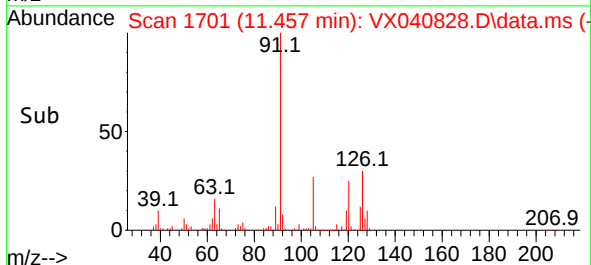
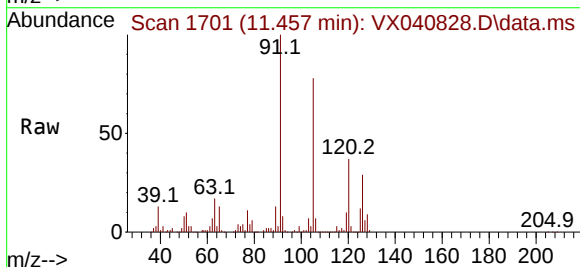
Manual Integrations
APPROVED

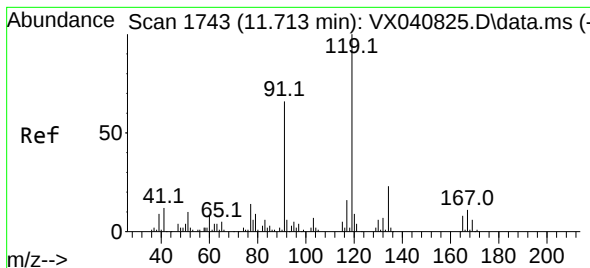
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#78
4-Chlorotoluene
Concen: 149.543 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

Tgt Ion: 91 Resp: 362486
Ion Ratio Lower Upper
91 100
126 27.7 0.0 57.4





#79

tert-butylbenzene

Concen: 150.259 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040828.D

Acq: 28 Mar 2024 17:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

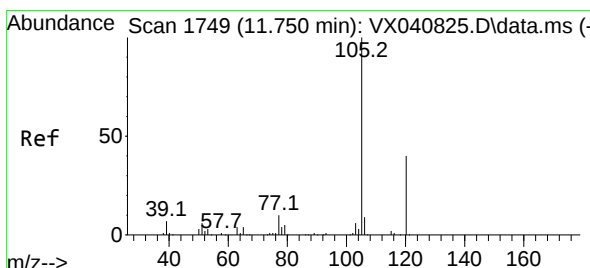
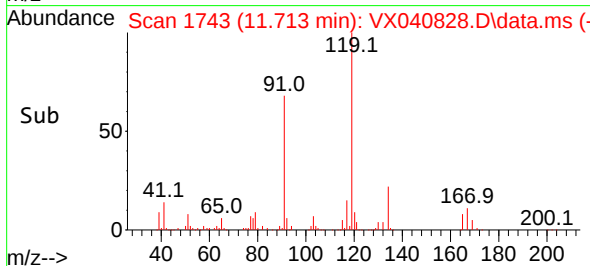
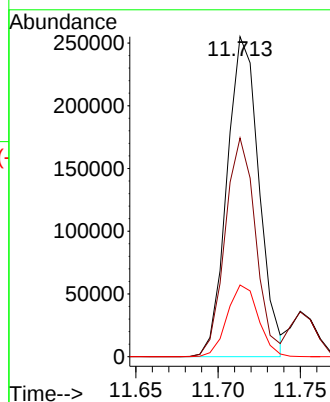
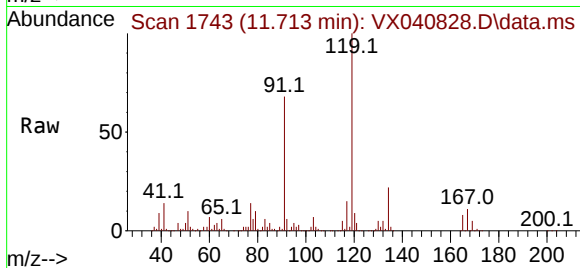
Tgt Ion:	119	Resp:	34572
Ion Ratio	Lower	Upper	
119	100		
91	65.6	0.0	125.6
134	21.9	0.0	43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2024

Supervised By :Mahesh Dadoda 03/29/2024



#80

1,2,4-Trimethylbenzene

Concen: 150.834 ug/l

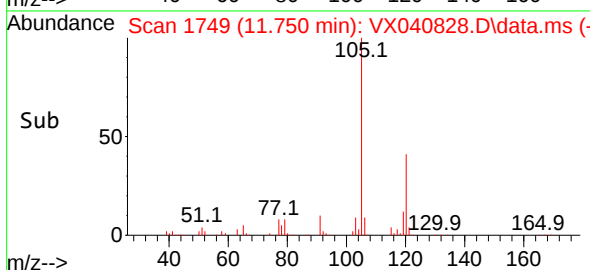
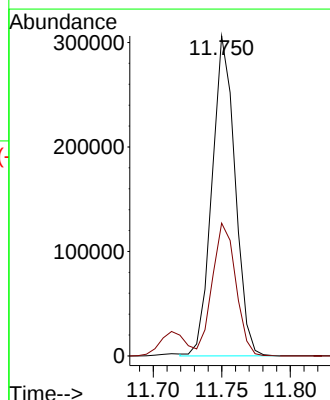
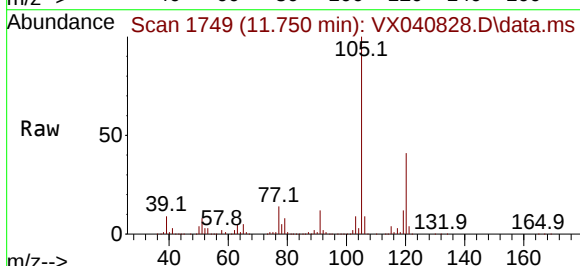
RT: 11.750 min Scan# 1749

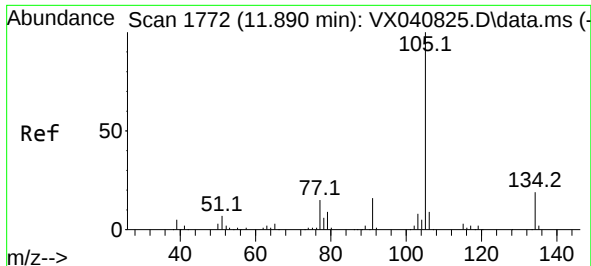
Delta R.T. 0.000 min

Lab File: VX040828.D

Acq: 28 Mar 2024 17:11

Tgt Ion:	105	Resp:	357402
Ion Ratio	Lower	Upper	
105	100		
120	42.2	0.0	86.4





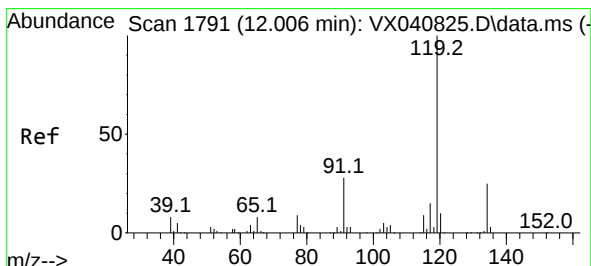
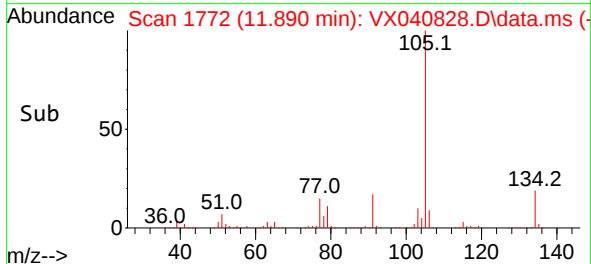
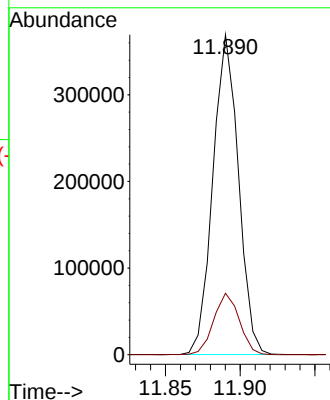
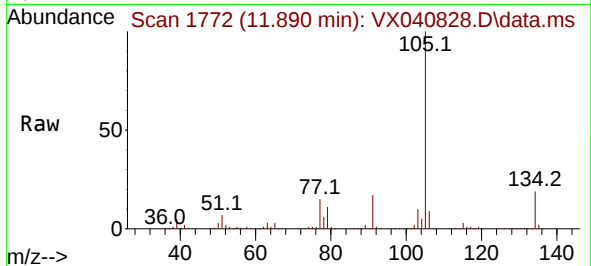
#81
 sec-Butylbenzene
 Concen: 148.601 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040828.D
 Acq: 28 Mar 2024 17:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 438420
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.4

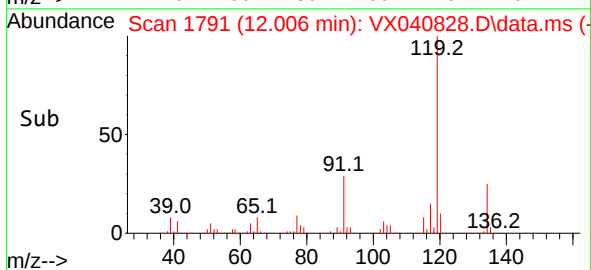
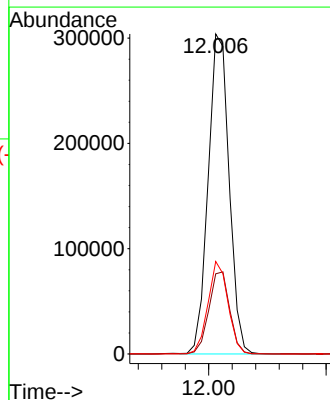
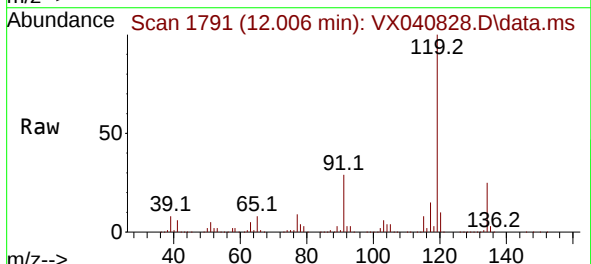
Manual Integrations
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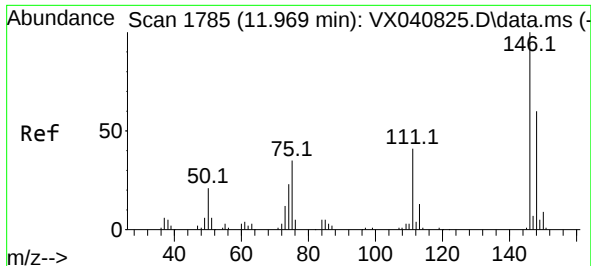
Reviewed By :John Carlone 03/29/2024
 Supervised By :Mahesh Dadoda 03/29/2024



#82
 p-Isopropyltoluene
 Concen: 150.604 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040828.D
 Acq: 28 Mar 2024 17:11

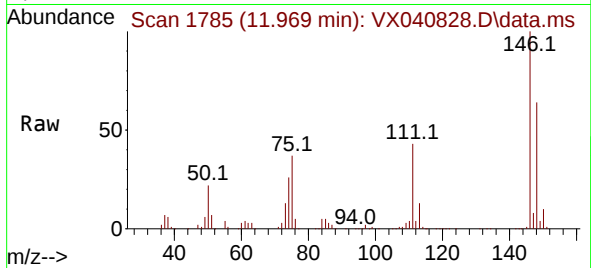
Tgt Ion:119 Resp: 376244
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 52.6
 91 27.6 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 146.982 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

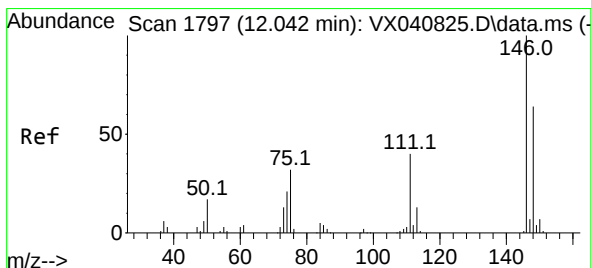
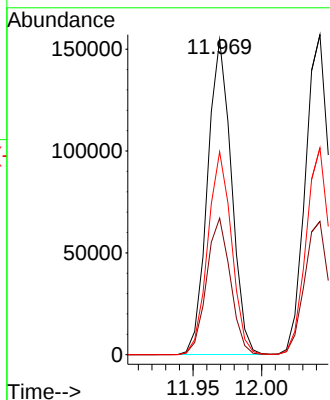
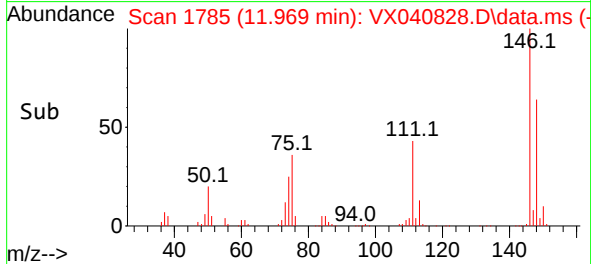
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



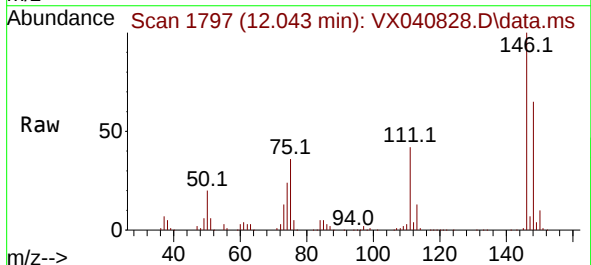
Tgt Ion:146 Resp: 188044
Ion Ratio Lower Upper
146 100
111 43.0 22.3 66.9
148 63.8 32.8 98.3

Manual Integrations
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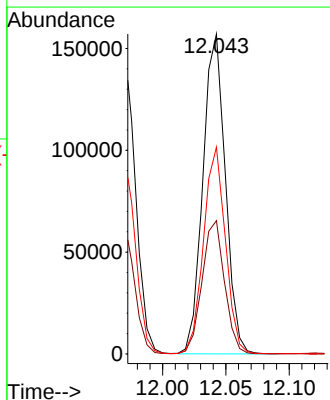
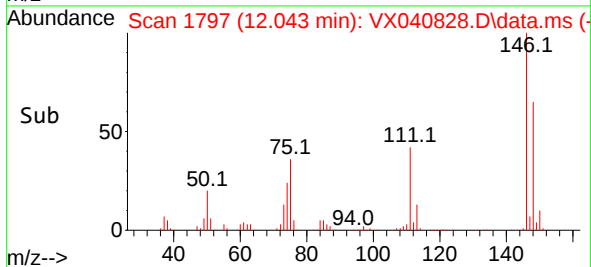
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

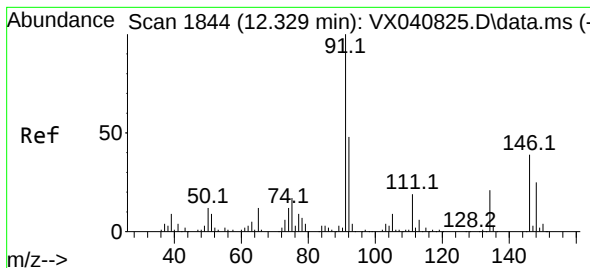


#84
1,4-Dichlorobenzene
Concen: 147.322 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11



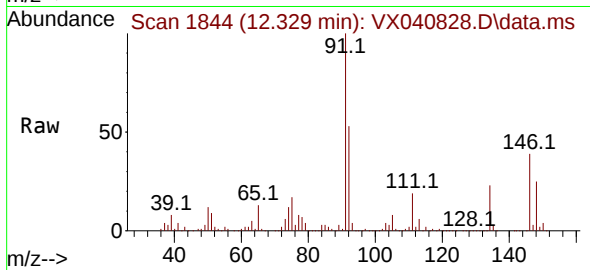
Tgt Ion:146 Resp: 194237
Ion Ratio Lower Upper
146 100
111 41.7 21.4 64.2
148 63.1 31.8 95.4





#85
n-Butylbenzene
Concen: 153.480 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

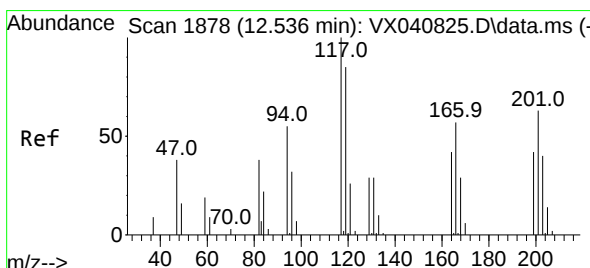
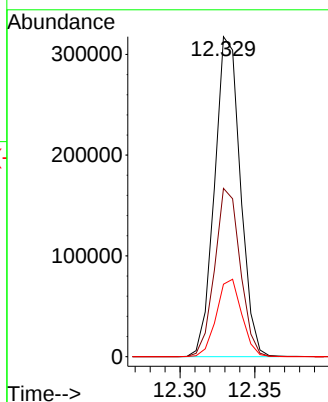
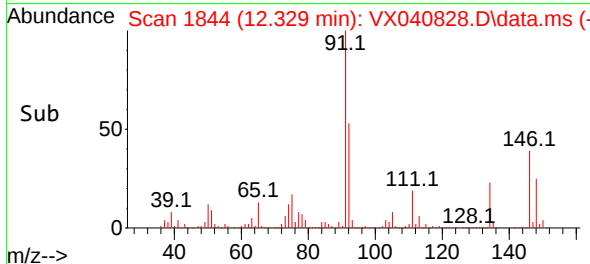
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 91 Resp: 38132
Ion Ratio Lower Upper
91 100
92 52.0 0.0 106.2
134 23.8 0.0 48.8

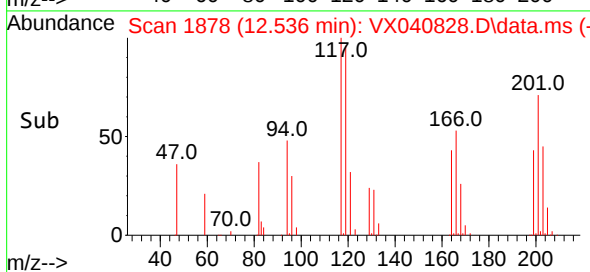
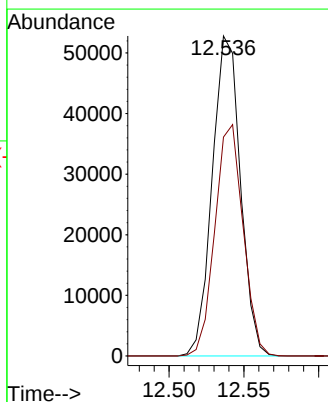
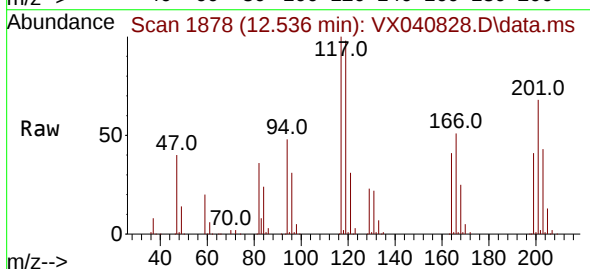
Manual Integrations
APPROVED

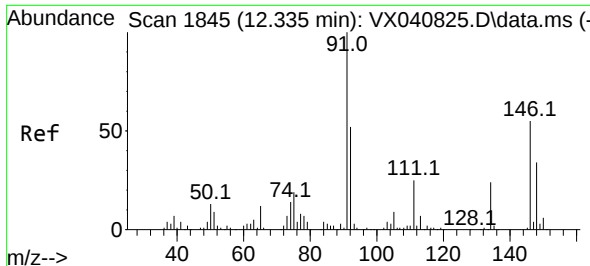
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#86
Hexachloroethane
Concen: 155.907 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

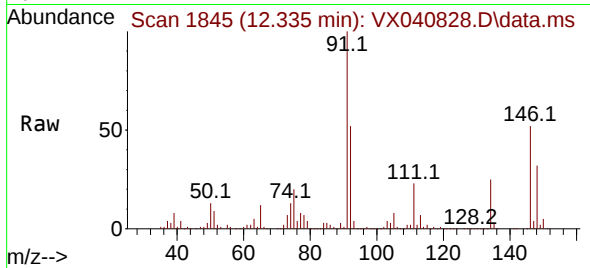
Tgt Ion:117 Resp: 69200
Ion Ratio Lower Upper
117 100
201 72.6 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 151.763 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

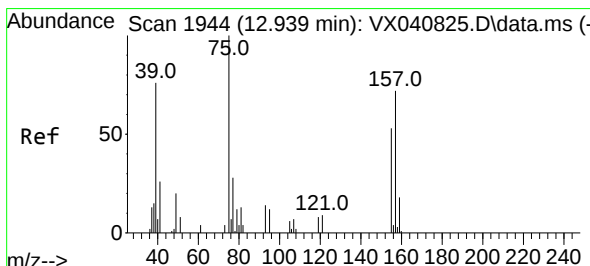
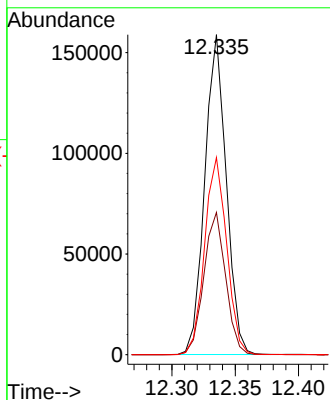
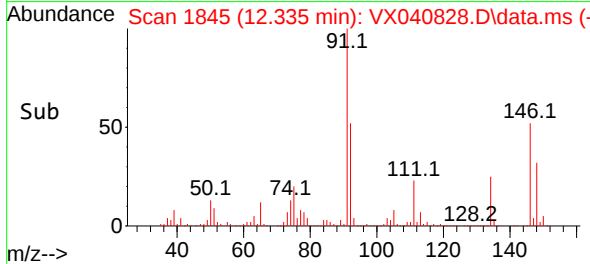
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



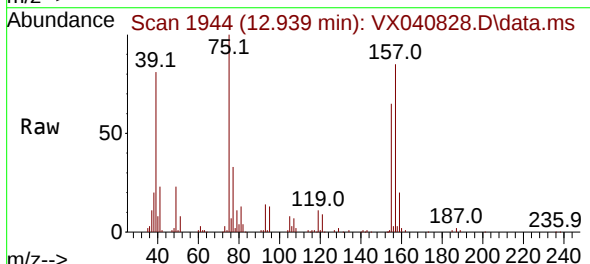
Tgt Ion:146 Resp: 18781
Ion Ratio Lower Upper
146 100
111 45.2 22.4 67.2
148 63.4 31.9 95.7

Manual Integrations
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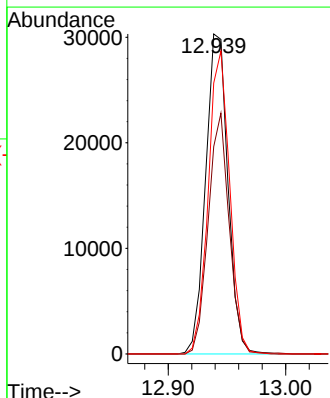
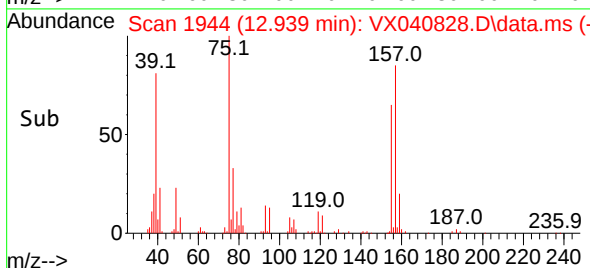
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024

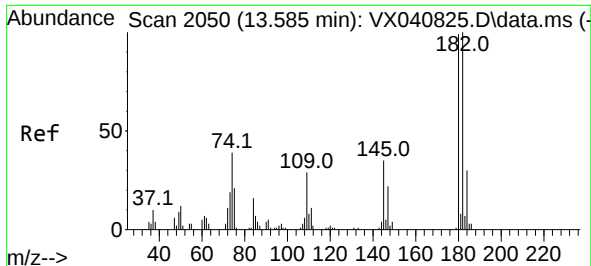


#88
1,2-Dibromo-3-Chloropropane
Concen: 162.037 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11



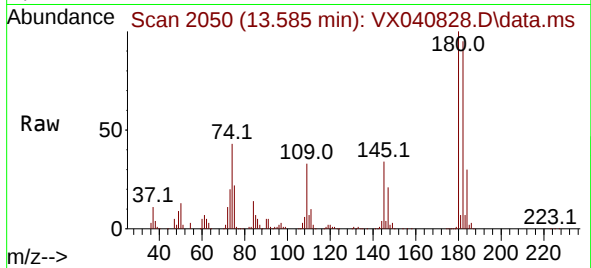
Tgt Ion: 75 Resp: 40021
Ion Ratio Lower Upper
75 100
155 70.5 58.2 87.4
157 90.6 76.5 114.7





#89
1,2,4-Trichlorobenzene
Concen: 150.072 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

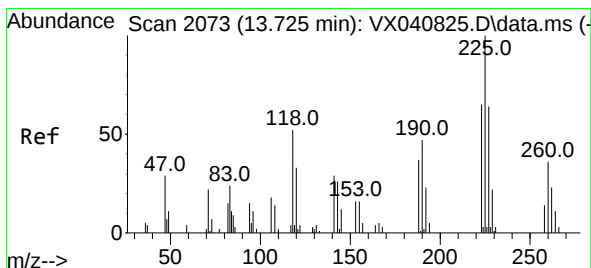
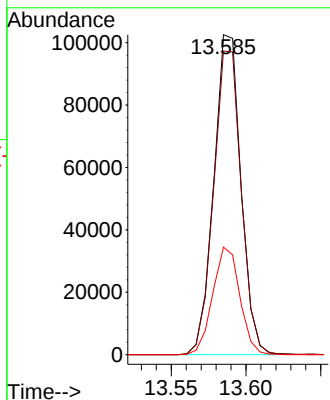
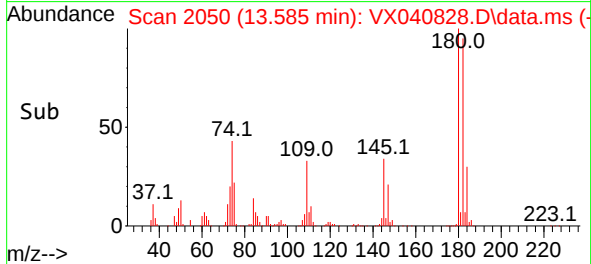
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:180 Resp: 129564
Ion Ratio Lower Upper
180 100
182 96.7 74.5 111.7
145 33.5 26.6 40.0

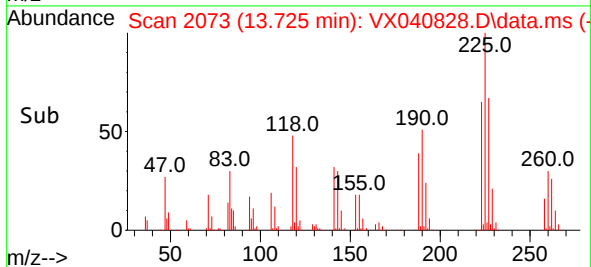
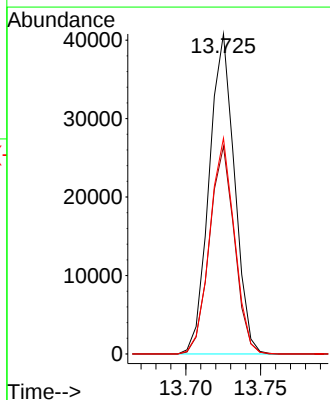
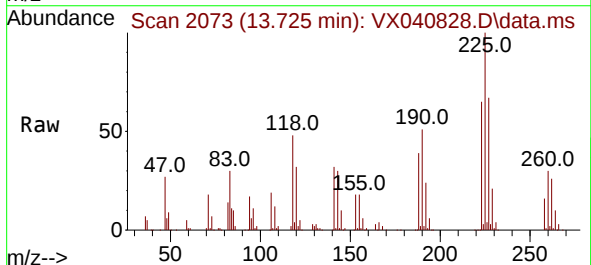
Manual Integrations
APPROVED

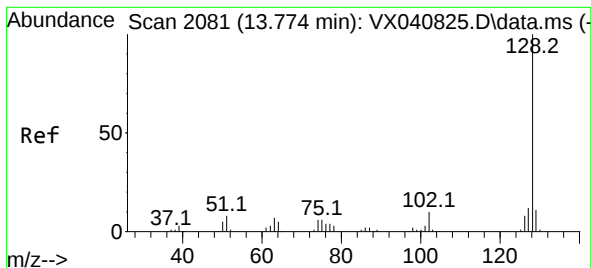
Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#90
Hexachlorobutadiene
Concen: 148.482 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

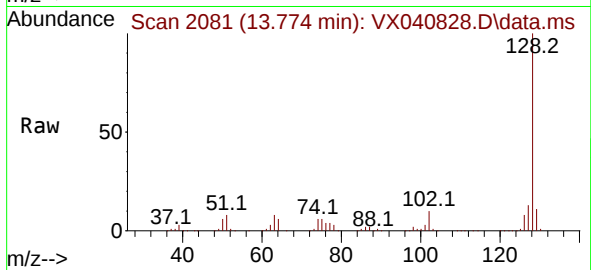
Tgt Ion:225 Resp: 48076
Ion Ratio Lower Upper
225 100
223 63.6 0.0 124.4
227 65.7 0.0 124.4





#91
Naphthalene
Concen: 154.074 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11

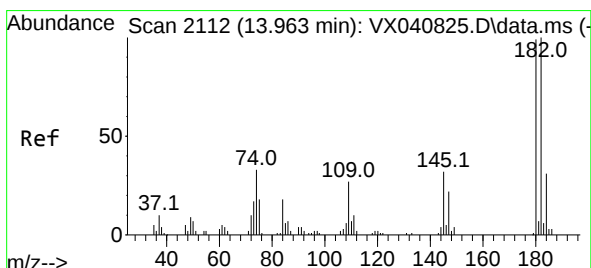
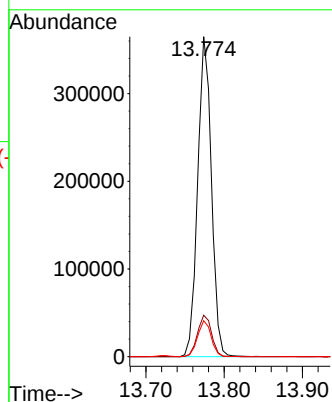
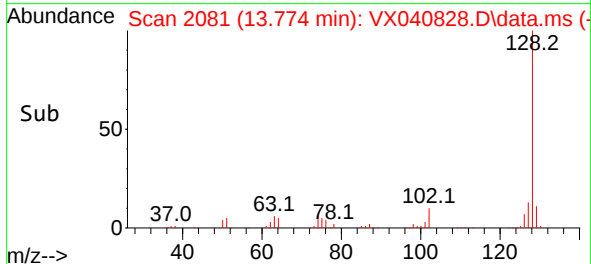
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



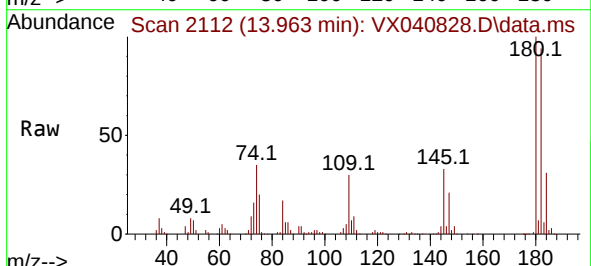
Tgt Ion:128 Resp: 44488
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 11.1 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2024
Supervised By :Mahesh Dadoda 03/29/2024



#92
1,2,3-Trichlorobenzene
Concen: 153.485 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX040828.D
Acq: 28 Mar 2024 17:11



Tgt Ion:180 Resp: 126314
Ion Ratio Lower Upper
180 100
182 93.7 0.0 191.6
145 34.4 0.0 69.6

