

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039825.D
 Acq On : 19 Jan 2024 09:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/22/2024
 Supervised By : Mahesh Dadoda 01/22/2024

Quant Time: Jan 20 00:19:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	96940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	170299	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	157761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	75787	46.670	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.340%		
35) Dibromofluoromethane	5.379	113	56282	49.067	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.140%		
50) Toluene-d8	8.647	98	210366	48.627	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.260%		
62) 4-Bromofluorobenzene	11.079	95	85731	50.677	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.360%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	53380	42.560	ug/l	97
3) Chloromethane	1.295	50	58621	40.925	ug/l	99
4) Vinyl Chloride	1.374	62	59798	44.236	ug/l	98
5) Bromomethane	1.599	94	38345	49.714	ug/l	98
6) Chloroethane	1.685	64	36636	47.674	ug/l	97
7) Trichlorofluoromethane	1.886	101	96379	49.424	ug/l	99
8) Diethyl Ether	2.130	74	34285	47.576	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	58099	48.057	ug/l	98
10) Methyl Iodide	2.453	142	65198	51.120	ug/l	95
11) Tert butyl alcohol	2.953	59	79525	188.130	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	54881	47.038	ug/l	91
13) Acrolein	2.233	56	56528	215.297	ug/l	100
14) Allyl chloride	2.660	41	104466	45.492	ug/l	99
15) Acrylonitrile	3.056	53	185646	212.610	ug/l	99
16) Acetone	2.374	43	215109	235.539	ug/l	94
17) Carbon Disulfide	2.508	76	155651	46.415	ug/l	99
18) Methyl Acetate	2.697	43	86593	45.321	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	192900	46.570	ug/l	99
20) Methylene Chloride	2.788	84	62568	45.293	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	59106	48.139	ug/l	98
22) Diisopropyl ether	3.751	45	203118	46.350	ug/l	95
23) Vinyl Acetate	3.715	43	956985	234.925	ug/l	100
24) 1,1-Dichloroethane	3.605	63	112992	46.868	ug/l	99
25) 2-Butanone	4.544	43	281101	214.185	ug/l	99
26) 2,2-Dichloropropane	4.471	77	93953	48.556	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	68505	48.646	ug/l	97
28) Bromochloromethane	4.891	49	52586	48.119	ug/l	98
29) Tetrahydrofuran	4.989	42	174385	206.438	ug/l	99
30) Chloroform	5.087	83	117206	49.247	ug/l	98
31) Cyclohexane	5.464	56	99606	46.477	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	100910	49.526	ug/l	99
36) 1,1-Dichloropropene	5.690	75	87469	48.991	ug/l	99
37) Ethyl Acetate	4.702	43	101408	42.575	ug/l	99
38) Carbon Tetrachloride	5.672	117	84836	51.880	ug/l	97
39) Methylcyclohexane	7.373	83	104714	48.842	ug/l	97
40) Benzene	6.031	78	243380	48.140	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	54066	46.418	ug/l	95
42) 1,2-Dichloroethane	6.080	62	96637	50.278	ug/l	100
43) Isopropyl Acetate	6.330	43	165472	47.358	ug/l	99
44) Trichloroethene	7.117	130	62903	50.768	ug/l	98
45) 1,2-Dichloropropane	7.421	63	64791	47.773	ug/l	100
46) Dibromomethane	7.574	93	47603	50.818	ug/l	97
47) Bromodichloromethane	7.818	83	90779	52.325	ug/l	94
48) Methyl methacrylate	7.684	41	80712	46.995	ug/l	93
49) 1,4-Dioxane	7.653	88	27024	813.181	ug/l #	92
51) 4-Methyl-2-Pentanone	8.568	43	547512	227.521	ug/l	98
52) Toluene	8.714	92	153270	50.757	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	99415	54.003	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	105529	52.133	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	63803	49.627	ug/l	96
56) Ethyl methacrylate	9.110	69	103764	49.867	ug/l	96
57) 1,3-Dichloropropane	9.305	76	107053	49.135	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	231486	235.359	ug/l	96
59) 2-Hexanone	9.427	43	445716	234.026	ug/l	98
60) Dibromochloromethane	9.519	129	67690	55.829	ug/l	100
61) 1,2-Dibromoethane	9.604	107	68777	51.659	ug/l	100
64) Tetrachloroethene	9.269	164	52470	51.144	ug/l	96
65) Chlorobenzene	10.073	112	163045	49.621	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	59483	53.165	ug/l	98
67) Ethyl Benzene	10.189	91	308638	50.594	ug/l	98
68) m/p-Xylenes	10.299	106	226104	100.782	ug/l	94
69) o-Xylene	10.640	106	111008	49.964	ug/l	94
70) Styrene	10.653	104	186233	51.313	ug/l	98
71) Bromoform	10.799	173	46954	55.890	ug/l #	99
73) Isopropylbenzene	10.957	105	302540	48.803	ug/l	100
74) N-amyl acetate	10.842	43	153938	47.638	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	108269	45.737	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	94291m	46.709	ug/l	
77) Bromobenzene	11.195	156	68001	49.266	ug/l	98
78) n-propylbenzene	11.299	91	374974	49.975	ug/l	97
79) 2-Chlorotoluene	11.360	91	219920	47.423	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	261094	49.589	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	31978	47.556	ug/l	96
82) 4-Chlorotoluene	11.451	91	259757	49.382	ug/l	98
83) tert-Butylbenzene	11.713	119	250675	49.869	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	263851	50.230	ug/l	100
85) sec-Butylbenzene	11.890	105	335269	51.381	ug/l	99
86) p-Isopropyltoluene	12.006	119	270673	51.902	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	133053	50.287	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	133214	48.748	ug/l	99
89) n-Butylbenzene	12.329	91	273457	54.290	ug/l	95
90) Hexachloroethane	12.536	117	47146	53.587	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	127792	48.855	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	27199	46.889	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	83520	52.248	ug/l	98
94) Hexachlorobutadiene	13.725	225	36904	55.537	ug/l	97
95) Naphthalene	13.774	128	283144	48.115	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	80135	49.671	ug/l	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

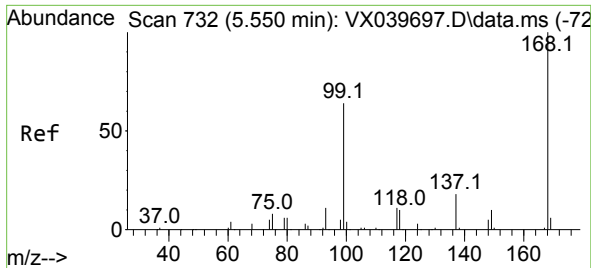
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

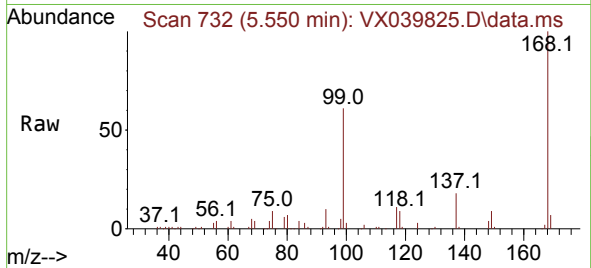
Quant Time: Jan 20 00:19:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

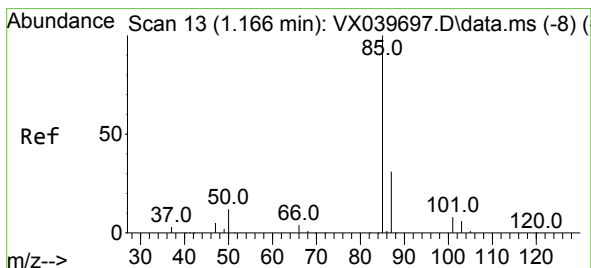
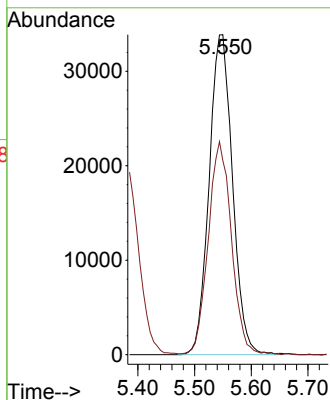
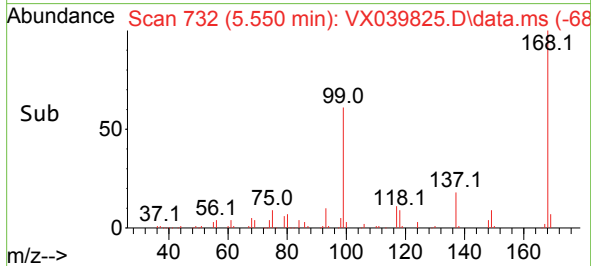
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 96940
Ion Ratio Lower Upper
168 100
99 60.4 56.6 85.0

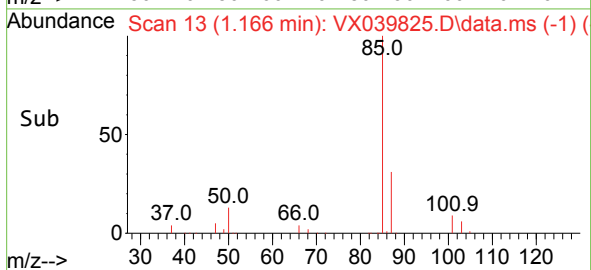
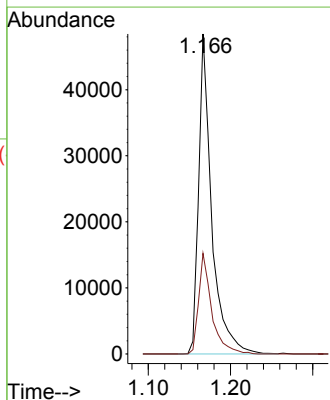
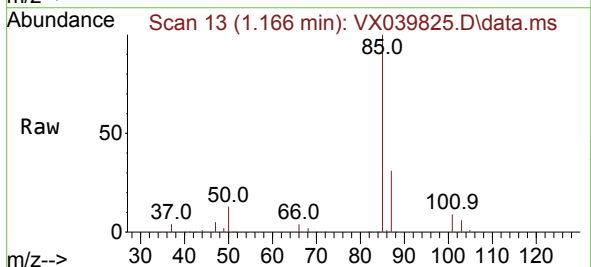
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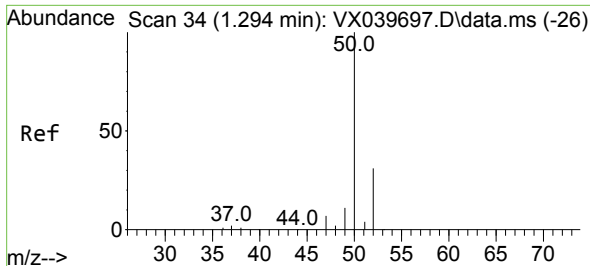
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024



#2
Dichlorodifluoromethane
Concen: 42.560 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

Tgt Ion: 85 Resp: 53380
Ion Ratio Lower Upper
85 100
87 31.4 16.7 50.1





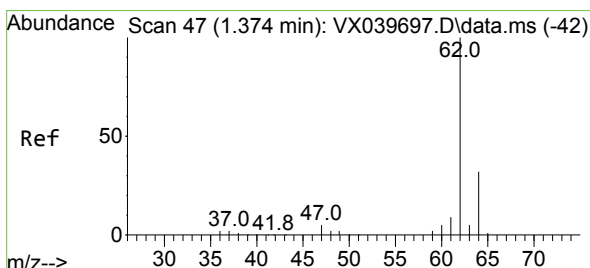
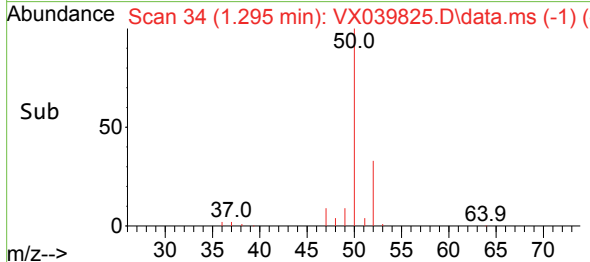
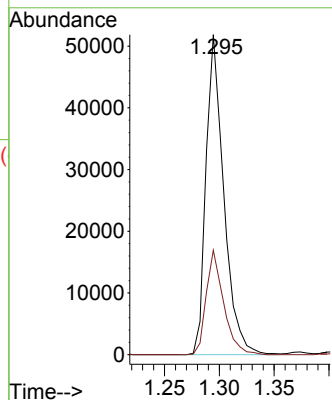
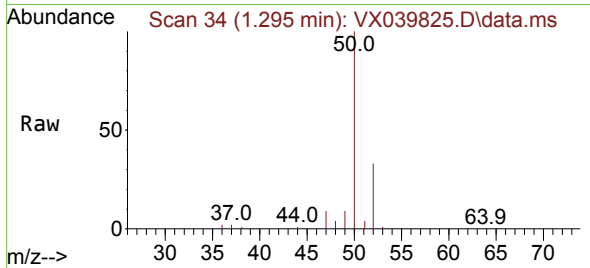
#3
Chloromethane
Concen: 40.925 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

Instrument :
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Tgt Ion: 50 Resp: 5862
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3

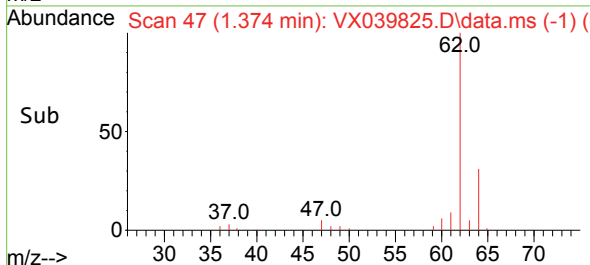
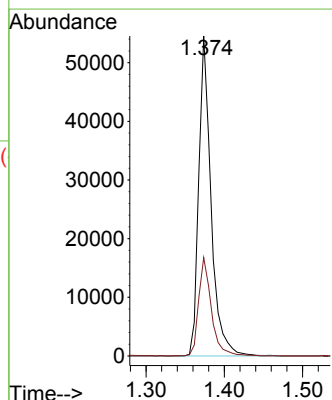
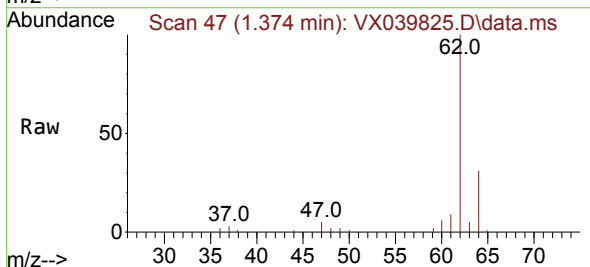
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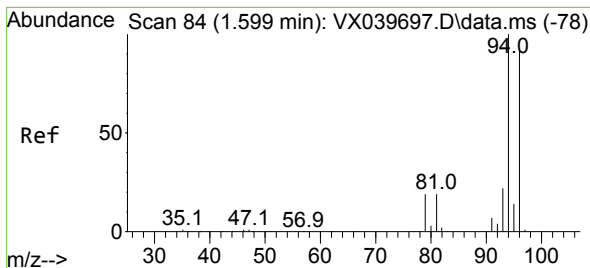
Reviewed By :John Carlone 01/22/2024
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#4
Vinyl Chloride
Concen: 44.236 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

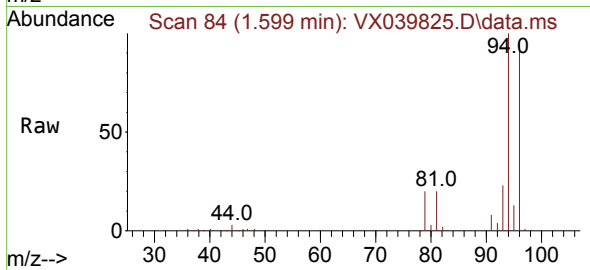
Tgt Ion: 62 Resp: 59798
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.0





#5
Bromomethane
Concen: 49.714 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

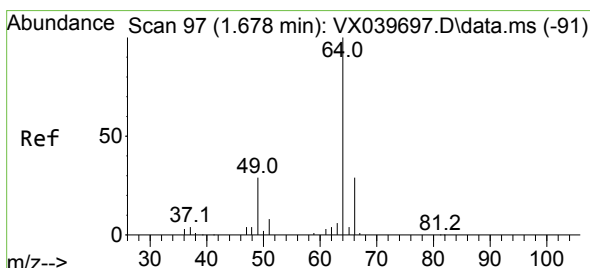
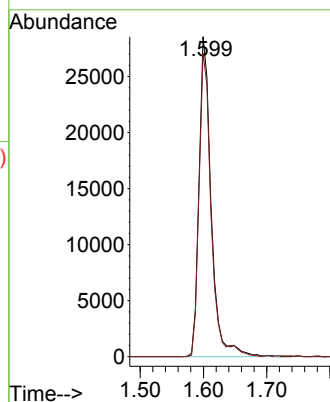
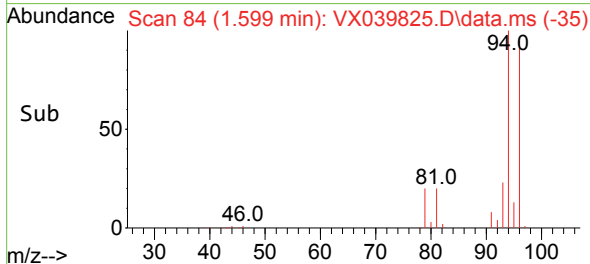
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 3834
Ion Ratio Lower Upper
94 100
96 94.9 74.6 111.8

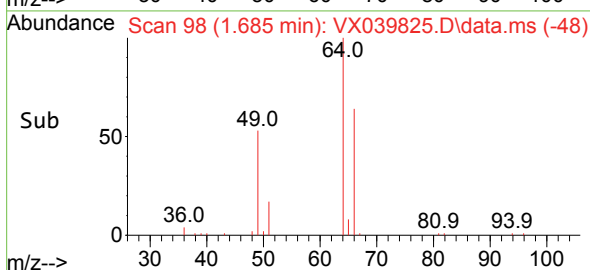
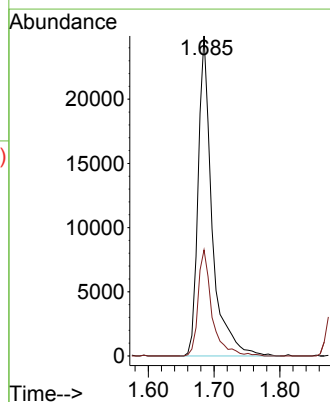
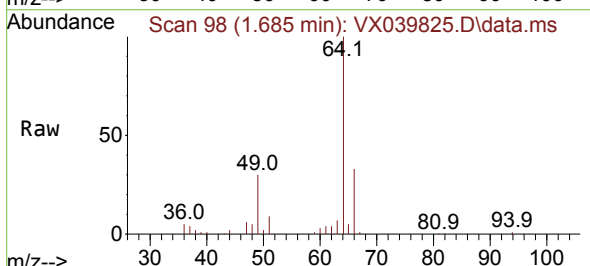
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#6
Chloroethane
Concen: 47.674 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

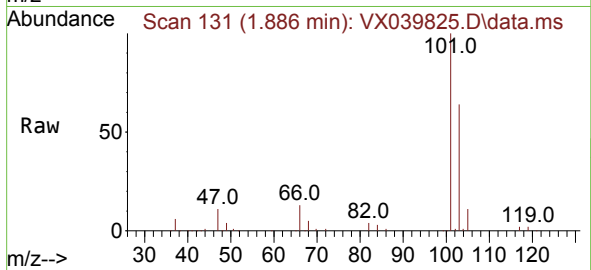
Tgt Ion: 64 Resp: 36636
Ion Ratio Lower Upper
64 100
66 33.2 25.1 37.7





#7
Trichlorofluoromethane
Concen: 49.424 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

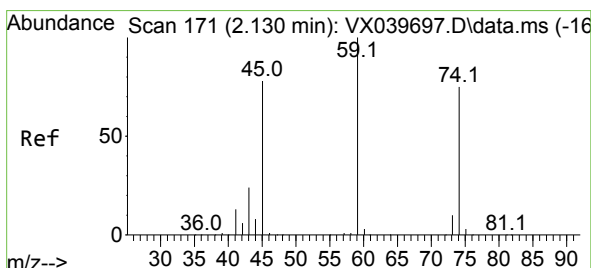
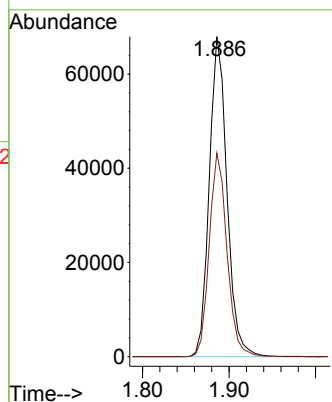
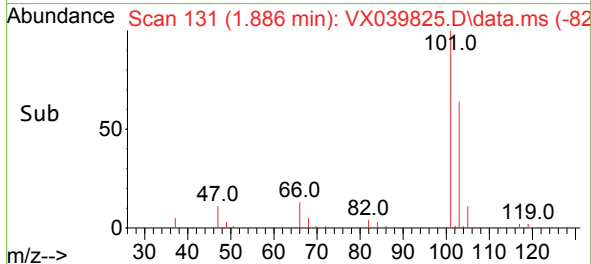
Instrument :
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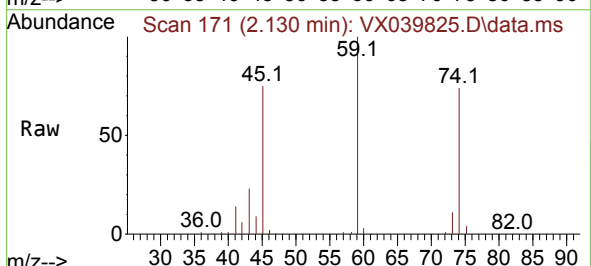
Tgt Ion:101 Resp: 96379
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.2

Manual Integrations
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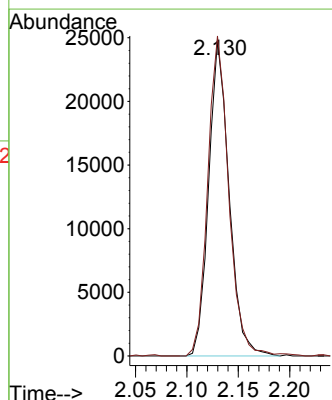
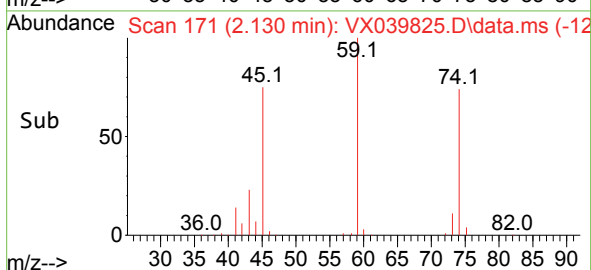
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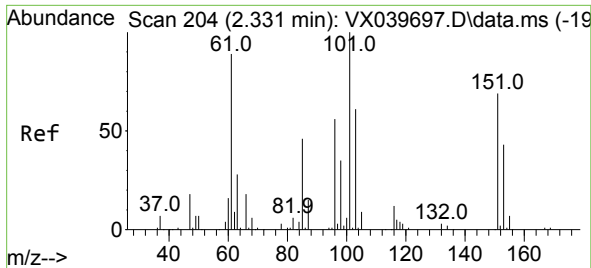


#8
Diethyl Ether
Concen: 47.576 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04



Tgt Ion: 74 Resp: 34285
Ion Ratio Lower Upper
74 100
45 104.6 53.3 159.8





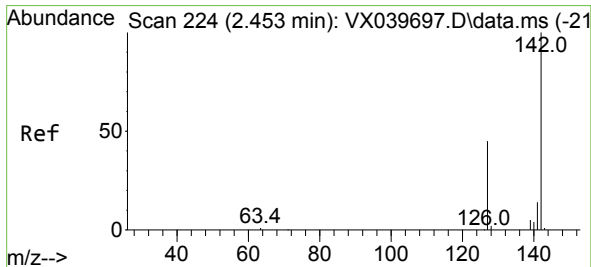
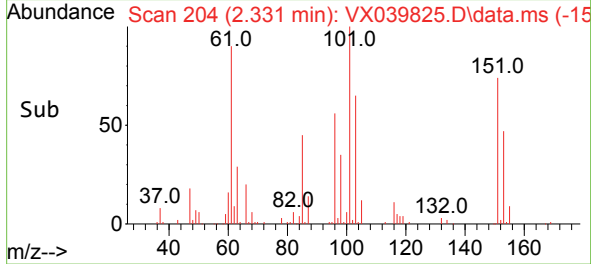
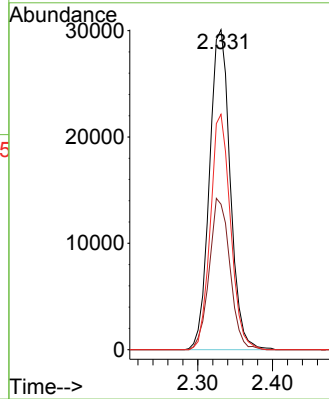
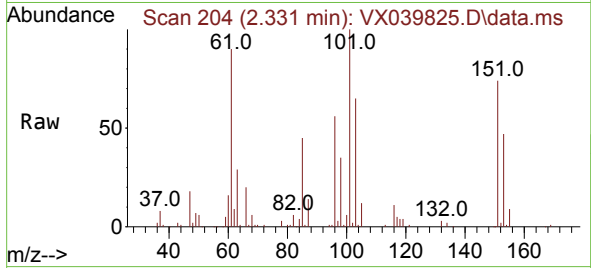
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.057 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 58099
Ion Ratio Lower Upper
101 100
85 47.1 37.0 55.6
151 71.4 58.6 87.8

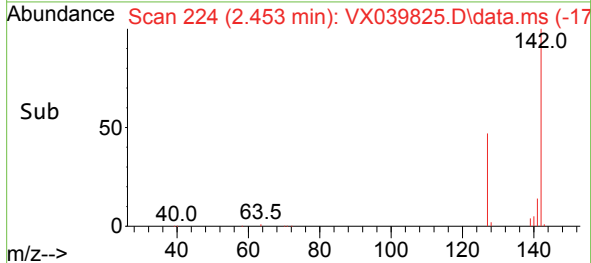
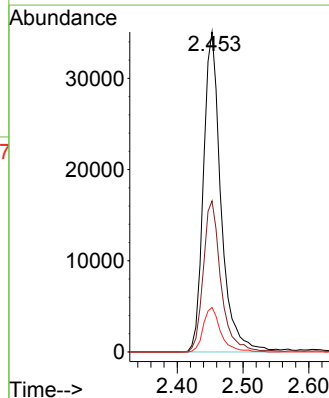
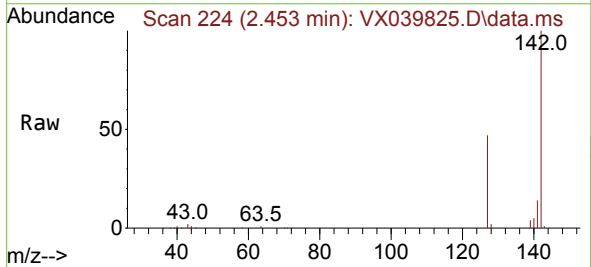
Manual Integrations
APPROVED

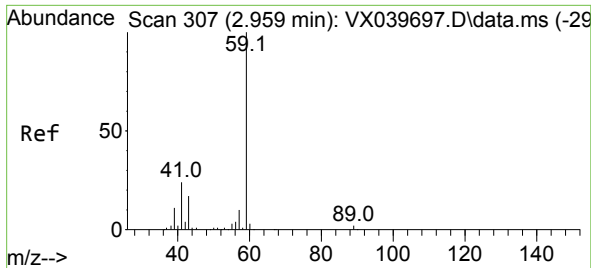
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024



#10
Methyl Iodide
Concen: 51.120 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

Tgt Ion:142 Resp: 65198
Ion Ratio Lower Upper
142 100
127 47.6 41.6 62.4
141 13.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 188.130 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX039825.D

Acq: 19 Jan 2024 09:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 7952

Ion Ratio Lower Upper

59 100

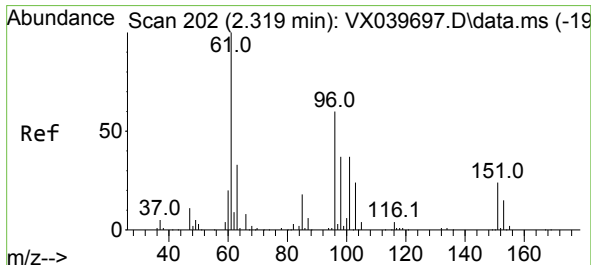
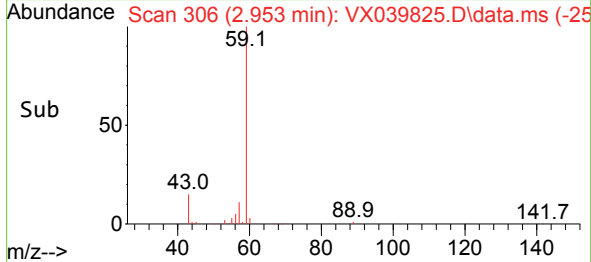
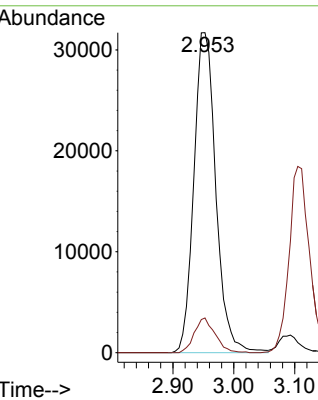
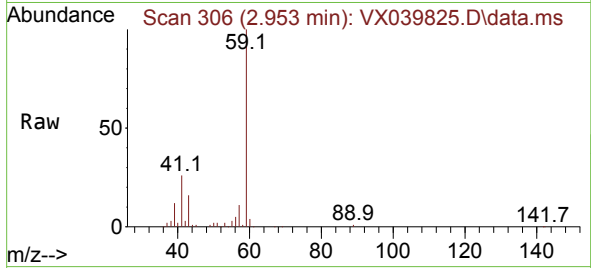
57 10.2 6.0 9.0

Manual Integrations

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Reviewed By :John Carlone 01/22/2024

Supervised By :Mahesh Dadoda 01/22/2024



#12

1,1-Dichloroethene

Concen: 47.038 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039825.D

Acq: 19 Jan 2024 09:04

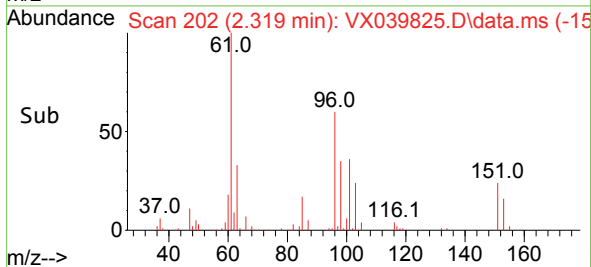
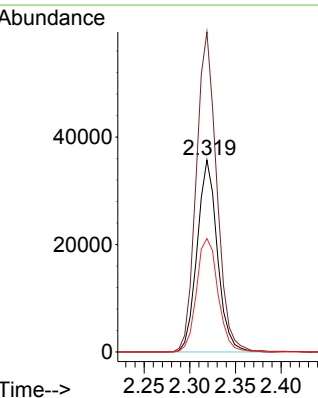
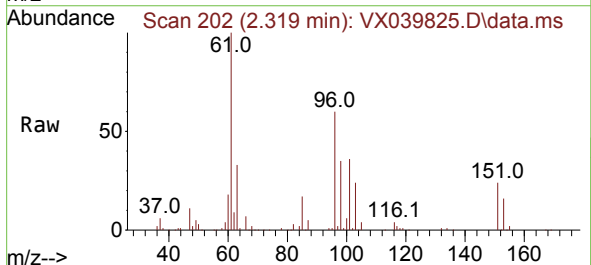
Tgt Ion: 96 Resp: 54881

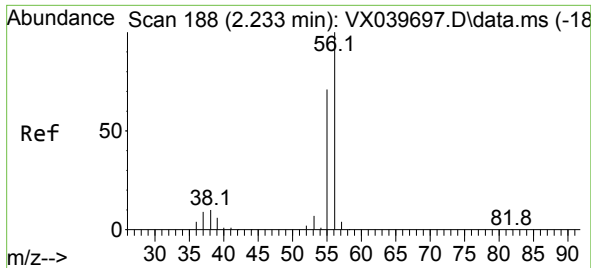
Ion Ratio Lower Upper

96 100

61 166.6 144.6 216.8

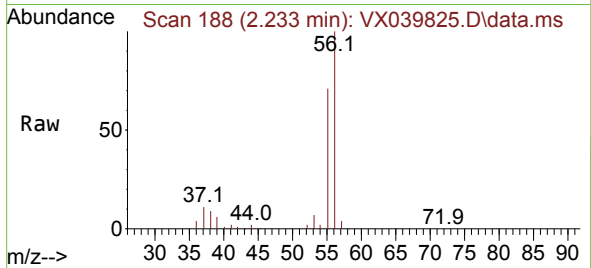
98 59.0 50.4 75.6





#13
Acrolein
Concen: 215.297 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

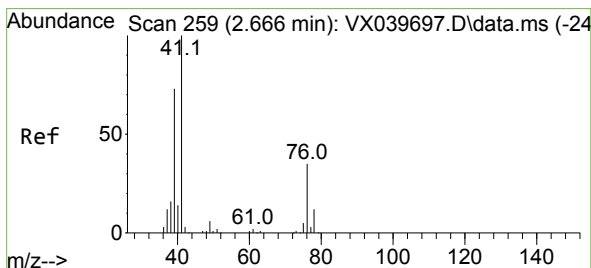
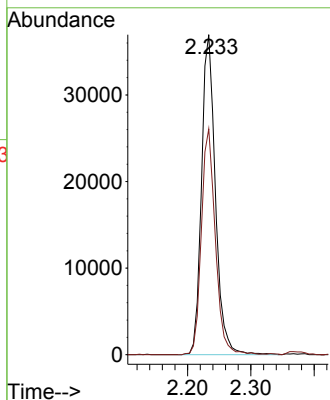
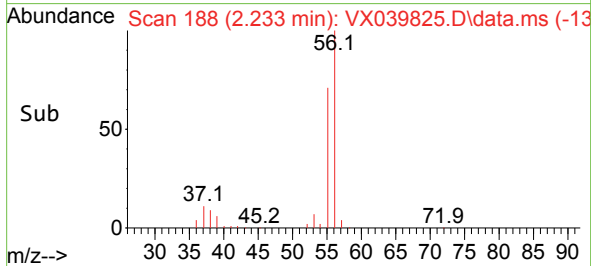
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 56528
Ion Ratio Lower Upper
56 100
55 71.1 57.1 85.7

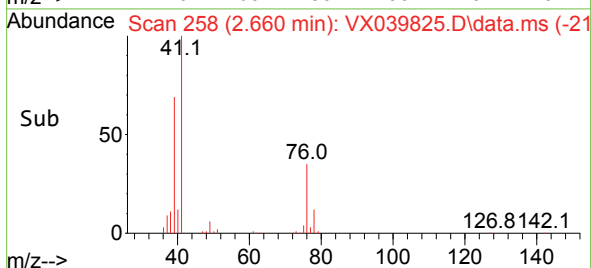
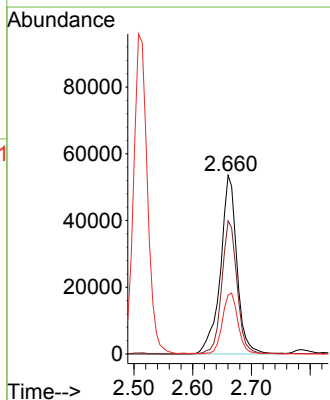
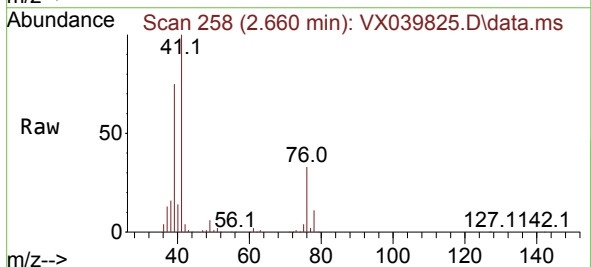
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024



#14
Allyl chloride
Concen: 45.492 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

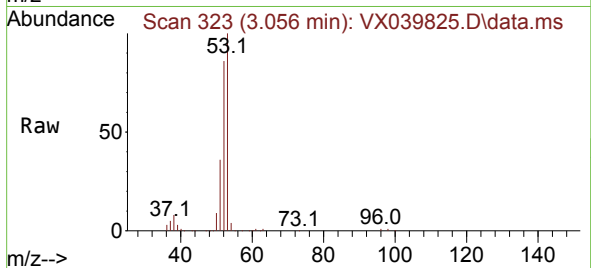
Tgt Ion: 41 Resp: 104466
Ion Ratio Lower Upper
41 100
39 69.3 55.8 83.6
76 31.5 24.3 36.5





#15
Acrylonitrile
Concen: 212.610 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

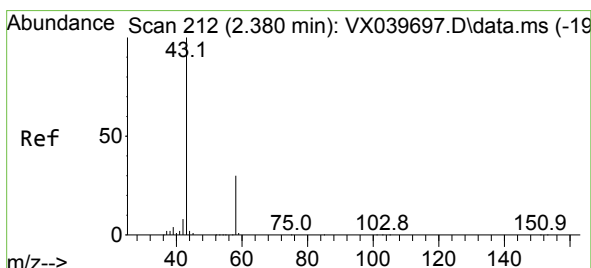
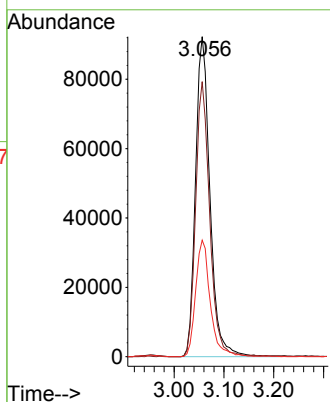
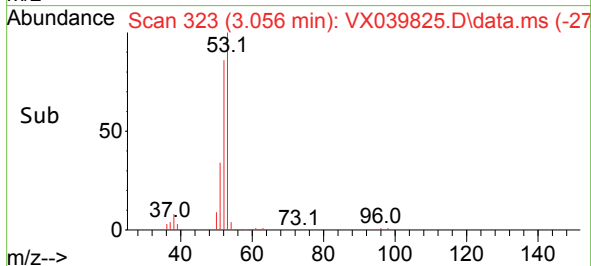
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 185640
Ion Ratio Lower Upper
53 100
52 83.4 66.0 99.0
51 36.9 29.8 44.6

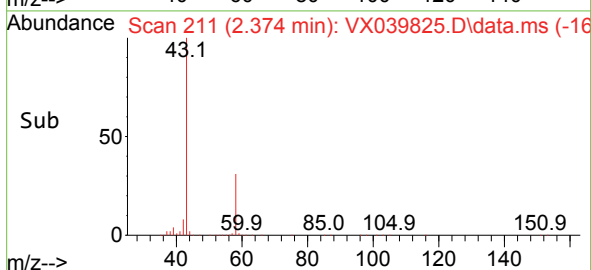
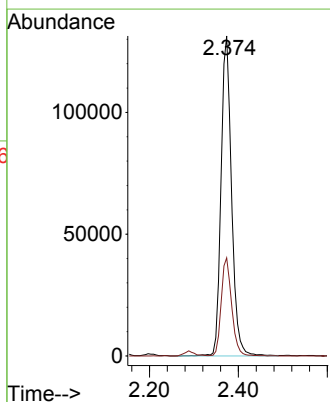
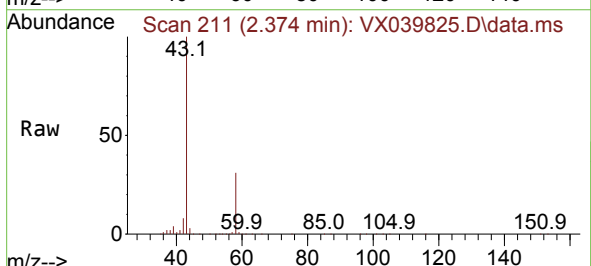
Manual Integrations
APPROVED

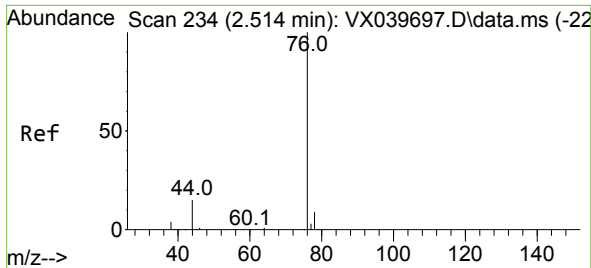
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024



#16
Acetone
Concen: 235.539 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

Tgt Ion: 43 Resp: 215109
Ion Ratio Lower Upper
43 100
58 30.7 21.9 32.9





#17

Carbon Disulfide

Concen: 46.415 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX039825.D

Acq: 19 Jan 2024 09:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 15565

Ion Ratio Lower Upper

76 100

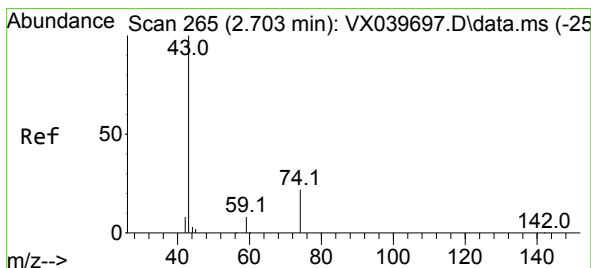
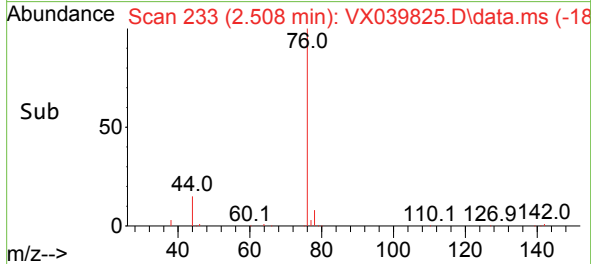
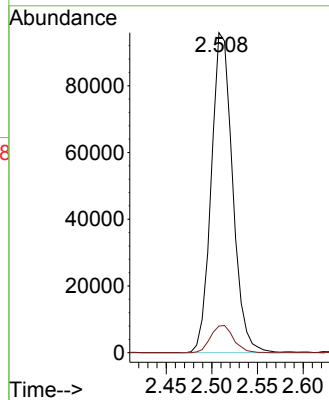
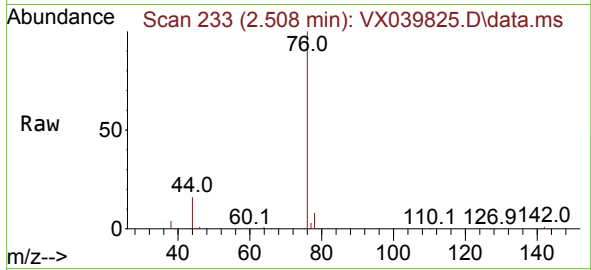
78 8.3 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/22/2024

Supervised By :Mahesh Dadoda 01/22/2024



#18

Methyl Acetate

Concen: 45.321 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX039825.D

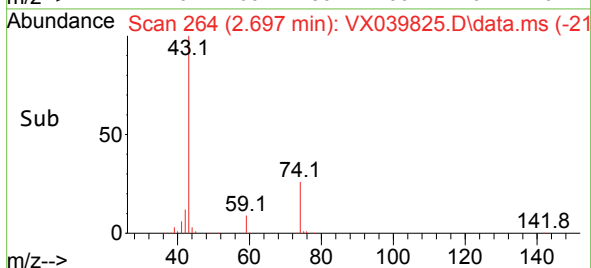
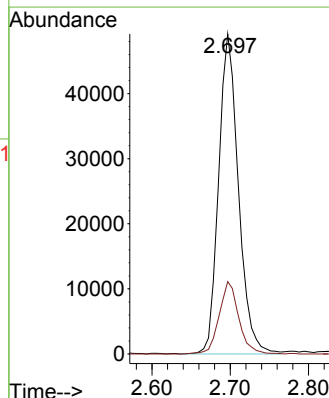
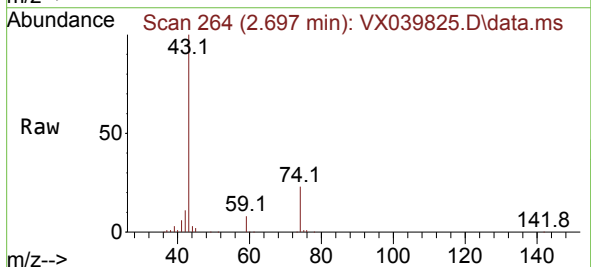
Acq: 19 Jan 2024 09:04

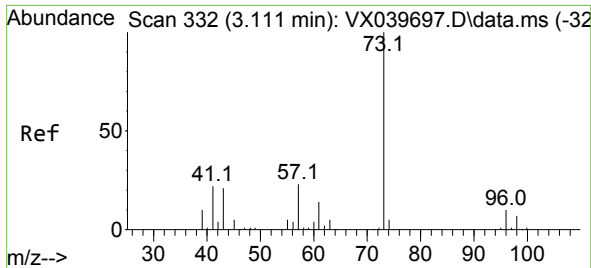
Tgt Ion: 43 Resp: 86593

Ion Ratio Lower Upper

43 100

74 22.4 17.8 26.8





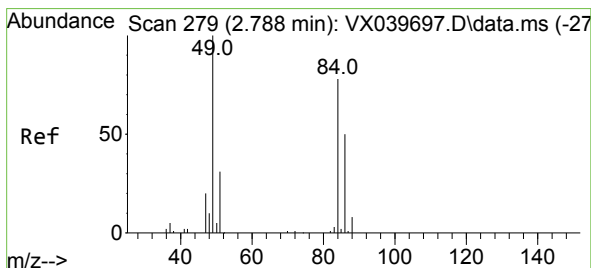
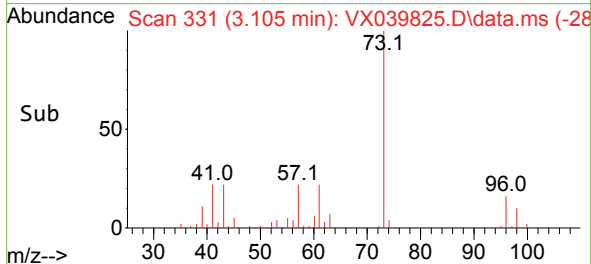
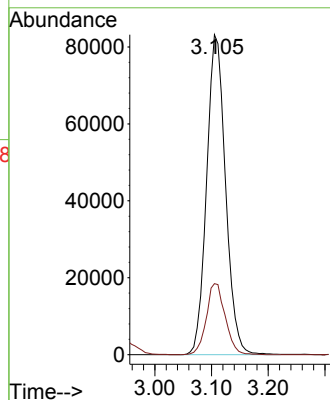
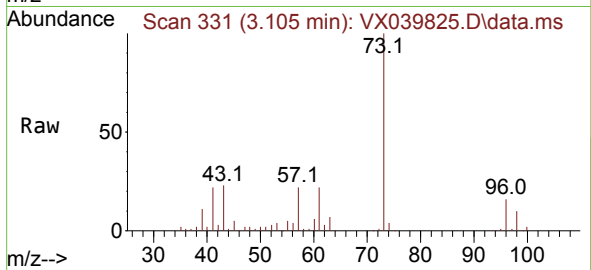
#19
Methyl tert-butyl Ether
Concen: 46.570 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 192900
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9

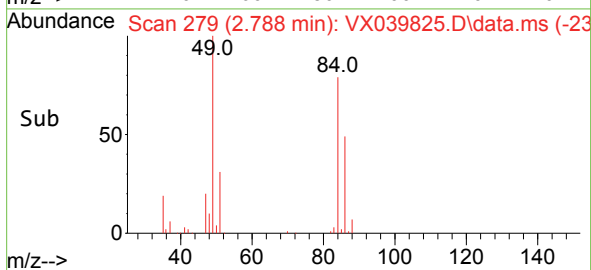
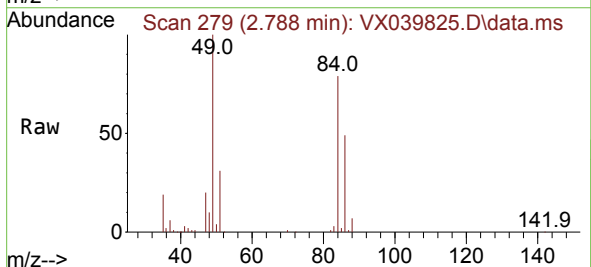
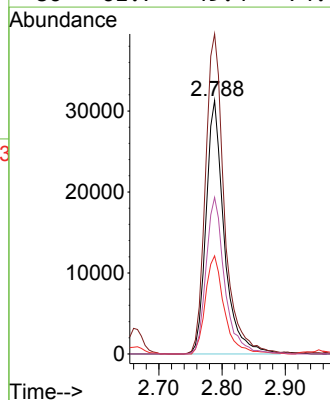
Manual Integrations
APPROVED

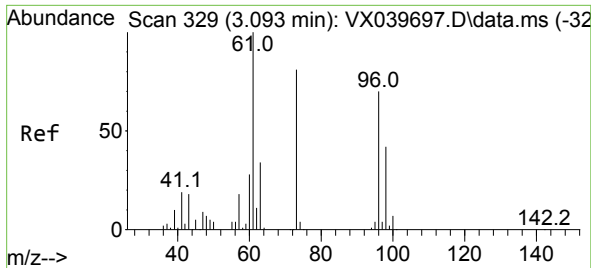
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024



#20
Methylene Chloride
Concen: 45.293 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

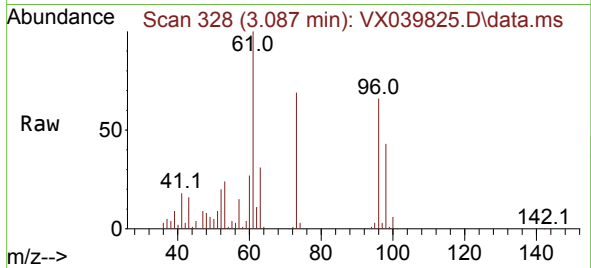
Tgt Ion: 84 Resp: 62568
Ion Ratio Lower Upper
84 100
49 126.2 103.6 155.4
51 38.7 33.8 50.6
86 61.7 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.139 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

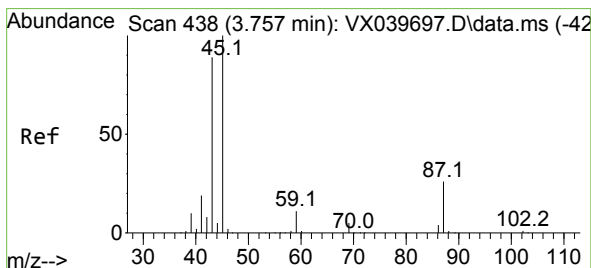
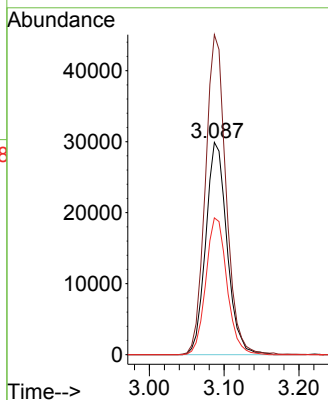
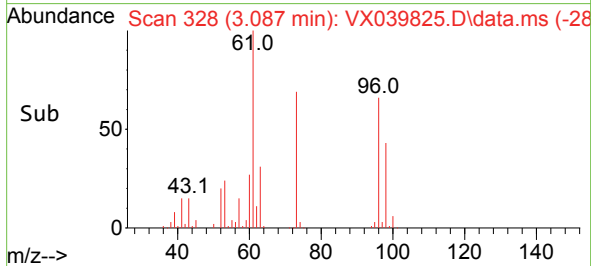
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 59100
Ion Ratio Lower Upper
96 100
61 150.7 119.2 178.8
98 64.5 48.7 73.1

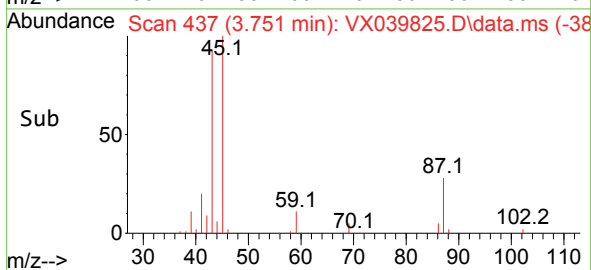
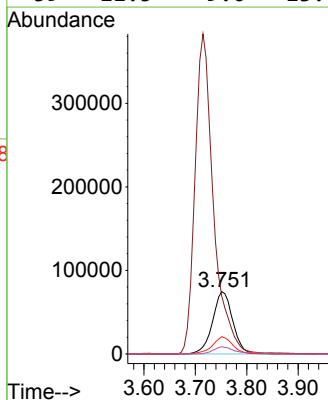
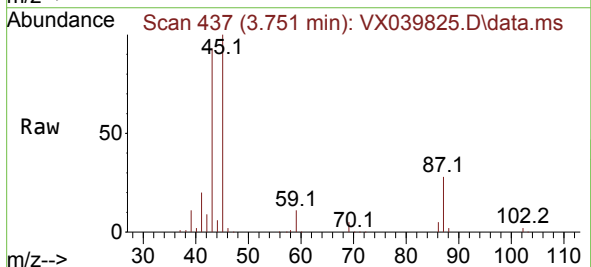
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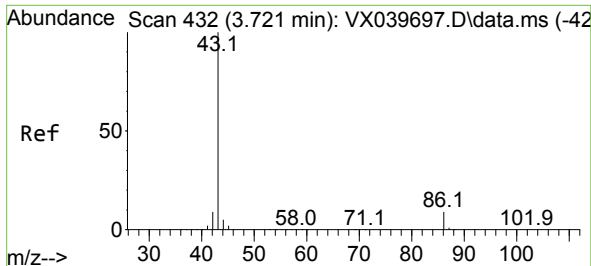
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024



#22
Diisopropyl ether
Concen: 46.350 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

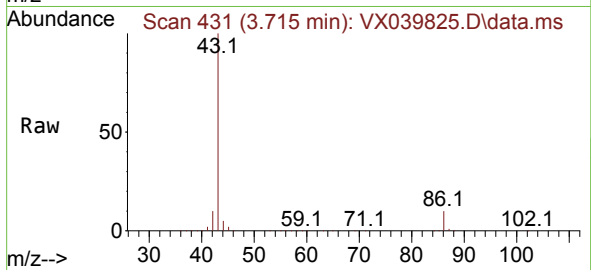
Tgt Ion: 45 Resp: 203118
Ion Ratio Lower Upper
45 100
43 92.7 69.7 104.5
87 27.7 20.8 31.2
59 11.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 234.925 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX039825.D
 Acq: 19 Jan 2024 09:04

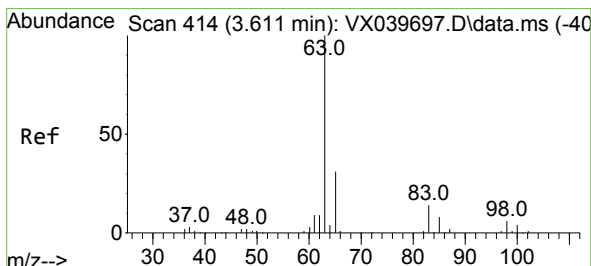
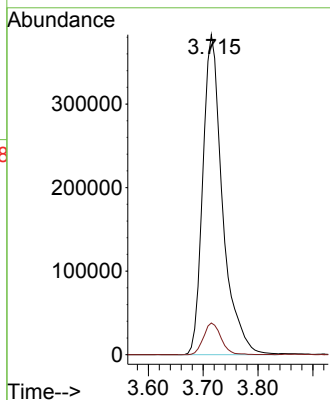
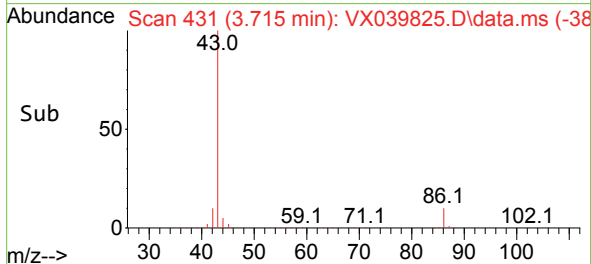
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



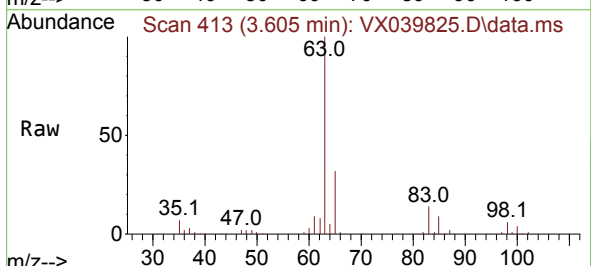
Tgt Ion: 43 Resp: 95698
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8

Manual Integrations
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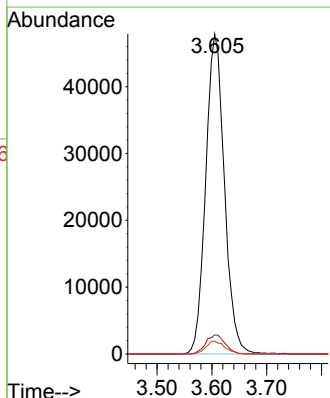
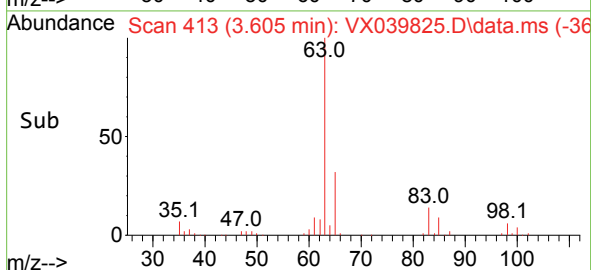
Reviewed By :John Carlone 01/22/2024
 Supervised By :Mahesh Dadoda 01/22/2024

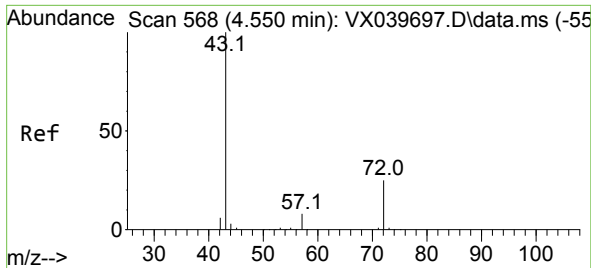


#24
 1,1-Dichloroethane
 Concen: 46.868 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039825.D
 Acq: 19 Jan 2024 09:04



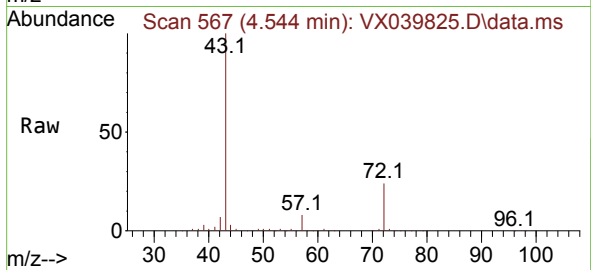
Tgt Ion: 63 Resp: 112992
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.8
 100 4.1 2.1 6.5





#25
2-Butanone
Concen: 214.185 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

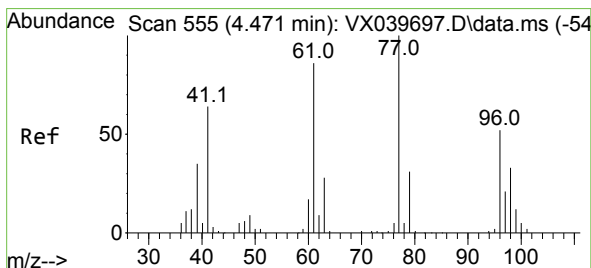
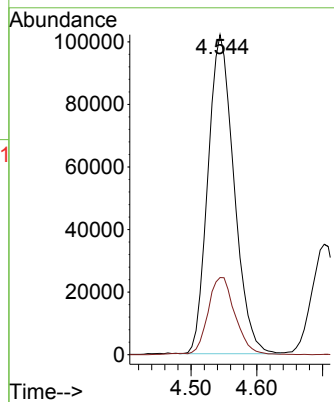
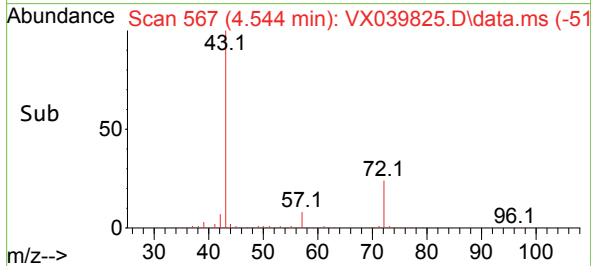
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 28110
Ion Ratio Lower Upper
43 100
72 24.0 19.4 29.2

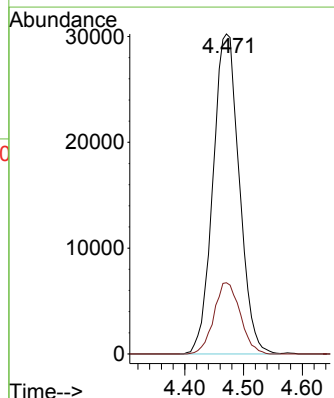
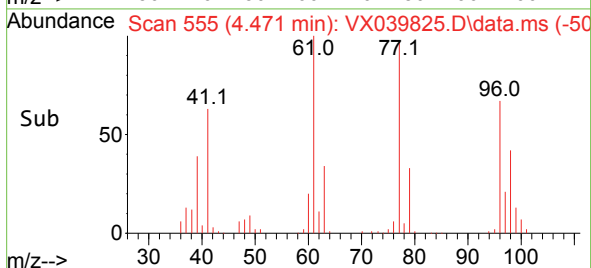
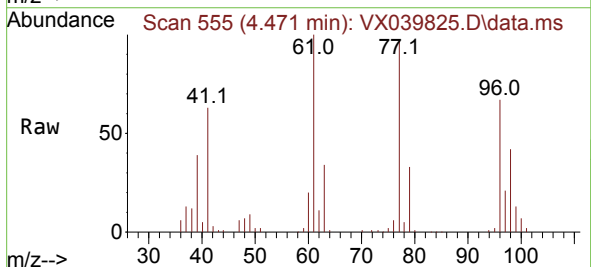
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024



#26
2,2-Dichloropropane
Concen: 48.556 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

Tgt Ion: 77 Resp: 93953
Ion Ratio Lower Upper
77 100
97 22.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 48.646 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX039825.D

Acq: 19 Jan 2024 09:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 6850

Ion Ratio Lower Upper

96 100

61 150.9 0.0 312.2

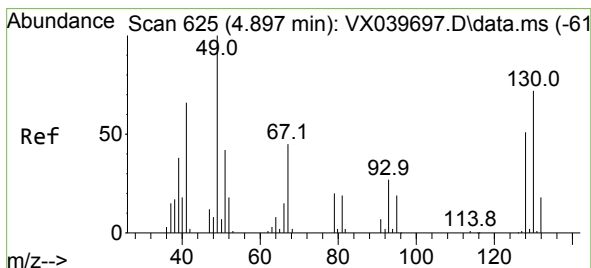
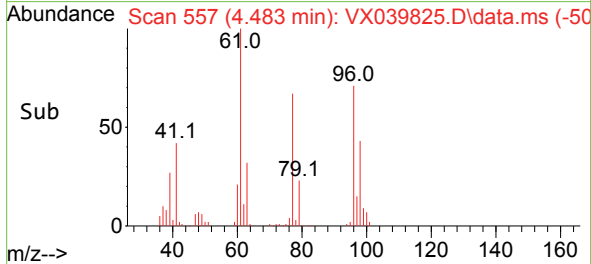
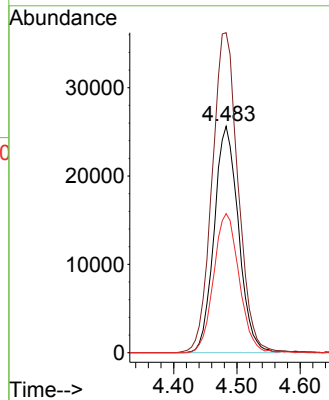
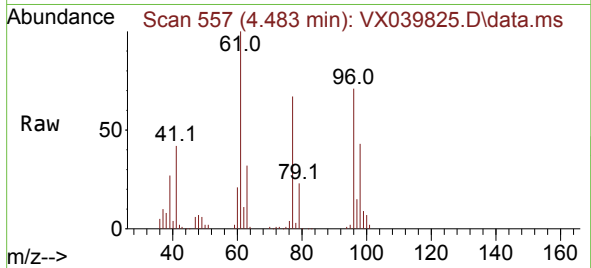
98 64.3 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/22/2024

Supervised By :Mahesh Dadoda 01/22/2024



#28

Bromochloromethane

Concen: 48.119 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX039825.D

Acq: 19 Jan 2024 09:04

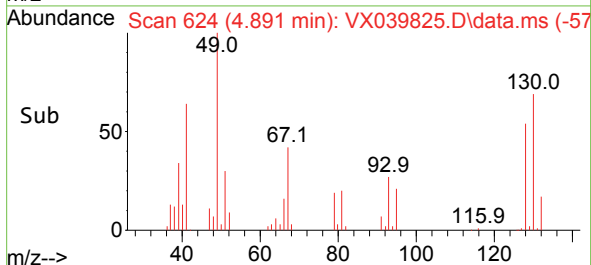
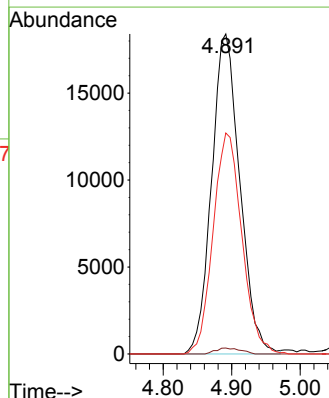
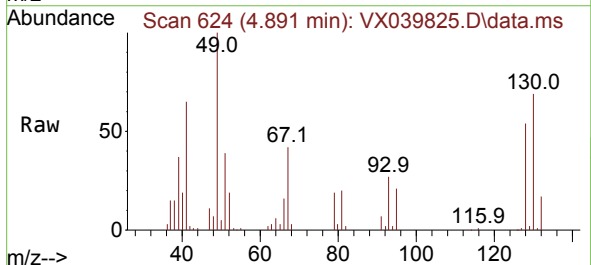
Tgt Ion: 49 Resp: 52586

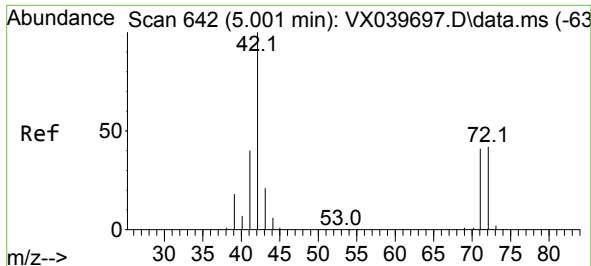
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

130 70.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 206.438 ug/l

RT: 4.989 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX039825.D

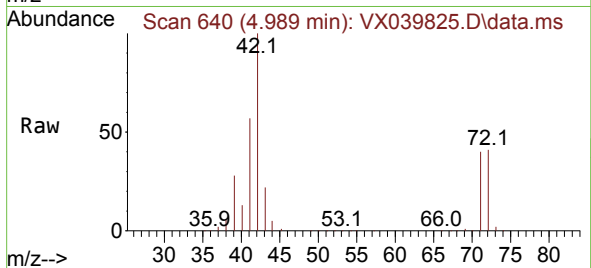
Acq: 19 Jan 2024 09:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



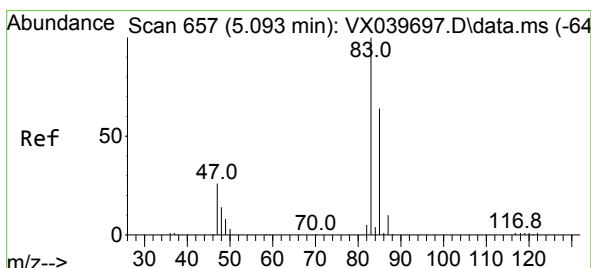
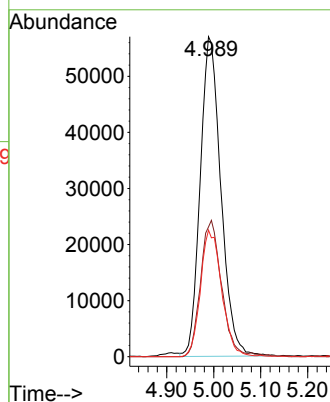
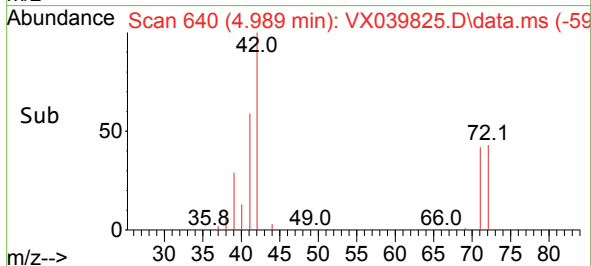
Tgt Ion:	42	Resp:	17438
Ion Ratio	Lower	Upper	
42	100		
72	43.8	34.2	51.4
71	40.4	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/22/2024

Supervised By :Mahesh Dadoda 01/22/2024



#30

Chloroform

Concen: 49.247 ug/l

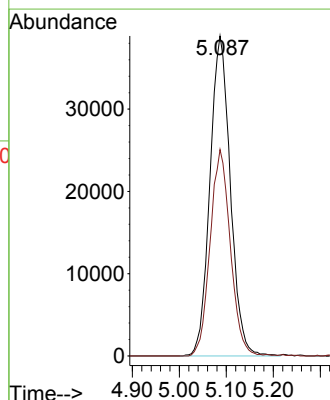
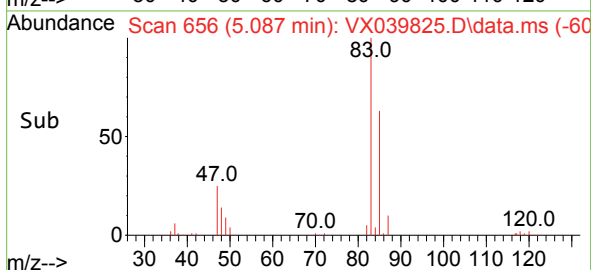
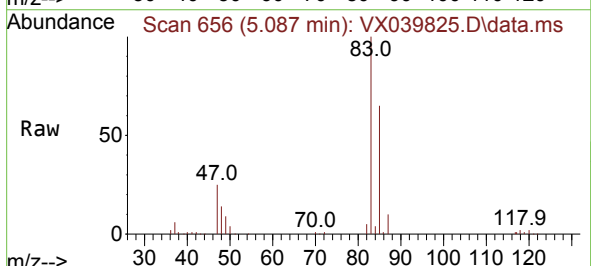
RT: 5.087 min Scan# 656

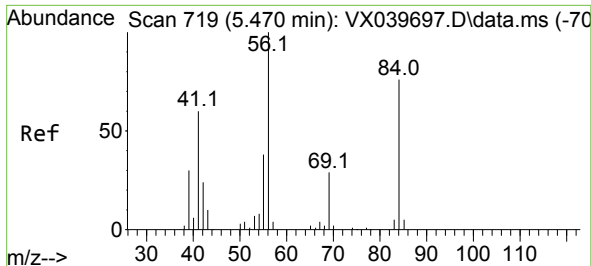
Delta R.T. -0.006 min

Lab File: VX039825.D

Acq: 19 Jan 2024 09:04

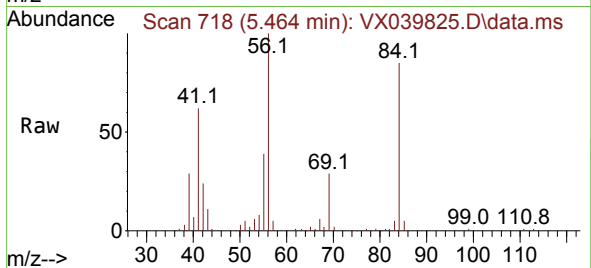
Tgt Ion:	83	Resp:	117206
Ion Ratio	Lower	Upper	
83	100		
85	64.5	50.3	75.5





#31
Cyclohexane
Concen: 46.477 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

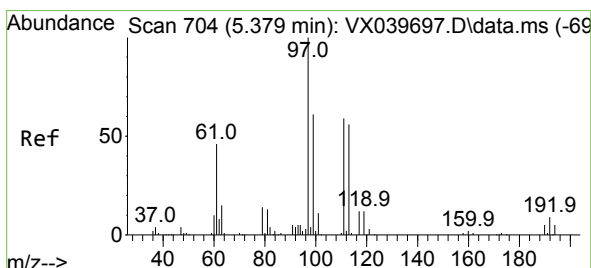
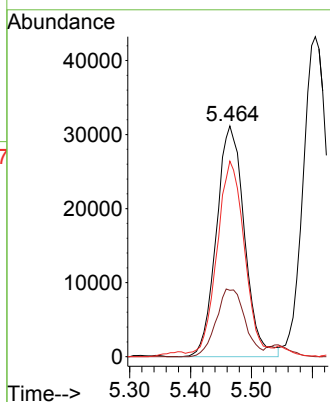
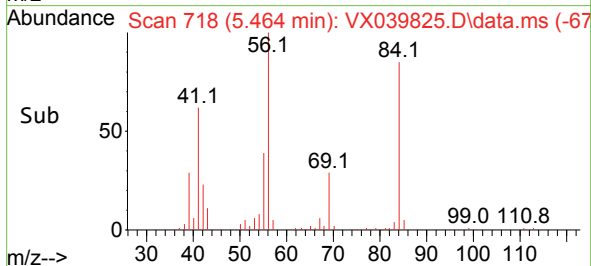
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



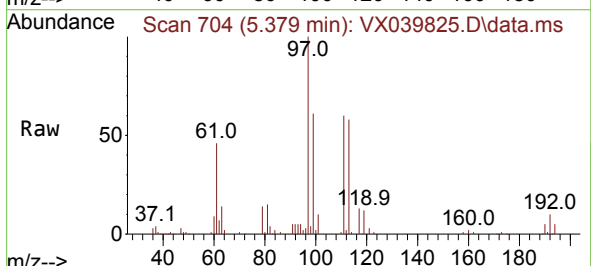
Tgt Ion: 56 Resp: 99600
Ion Ratio Lower Upper
56 100
69 28.8 23.4 35.2
84 82.6 65.9 98.9

Manual Integrations
APPROVED

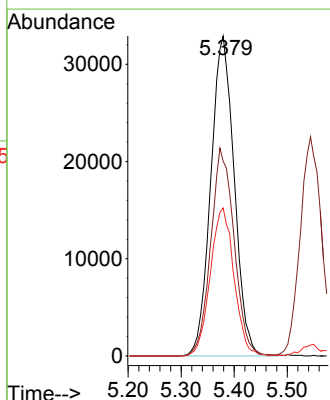
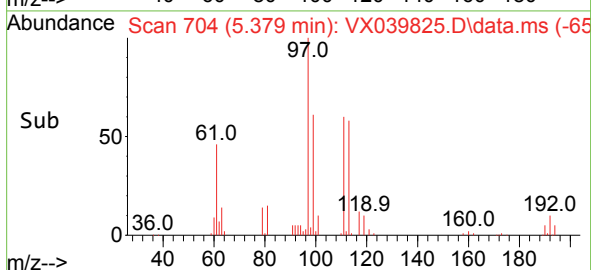
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024

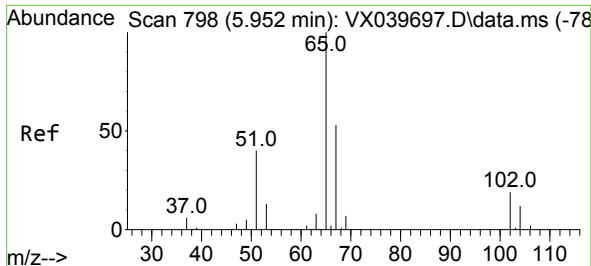


#32
1,1,1-Trichloroethane
Concen: 49.526 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04



Tgt Ion: 97 Resp: 100910
Ion Ratio Lower Upper
97 100
99 64.8 51.1 76.7
61 46.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.670 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX039825.D

Acq: 19 Jan 2024 09:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 7578

Ion Ratio Lower Upper

65 100

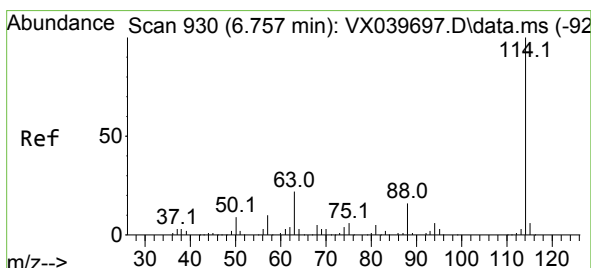
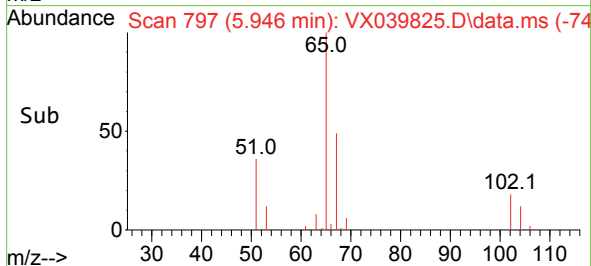
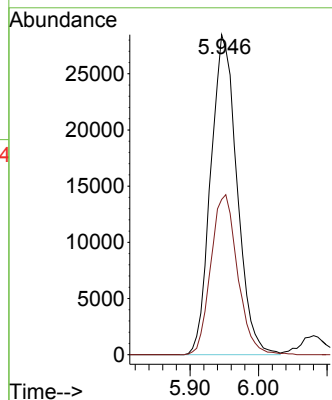
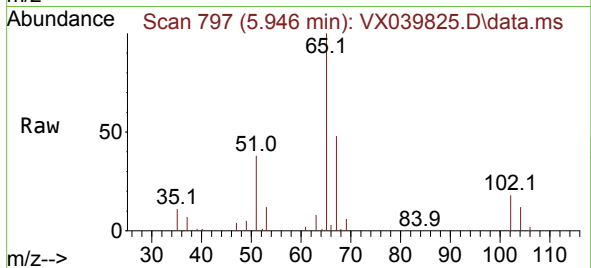
67 50.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/22/2024

Supervised By :Mahesh Dadoda 01/22/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX039825.D

Acq: 19 Jan 2024 09:04

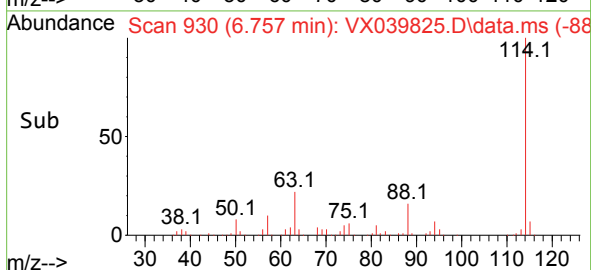
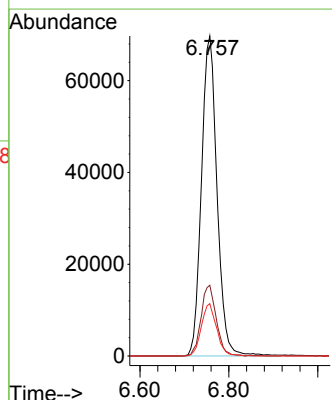
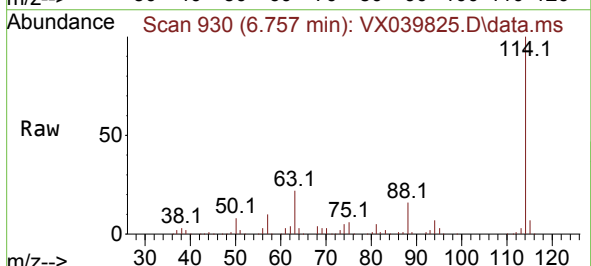
Tgt Ion:114 Resp: 170299

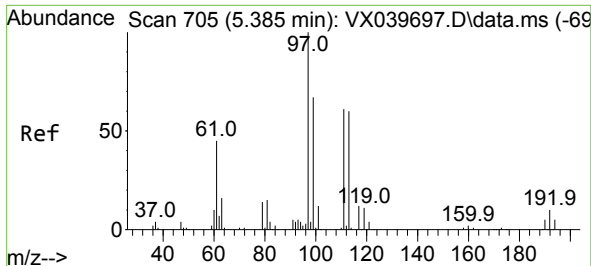
Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.0

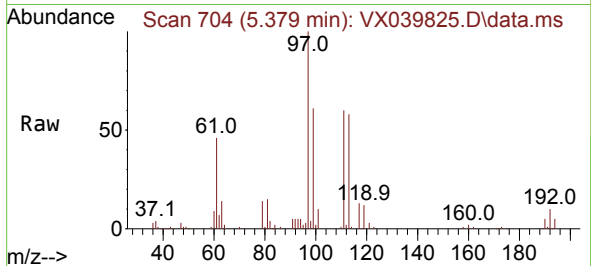
88 16.3 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.067 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

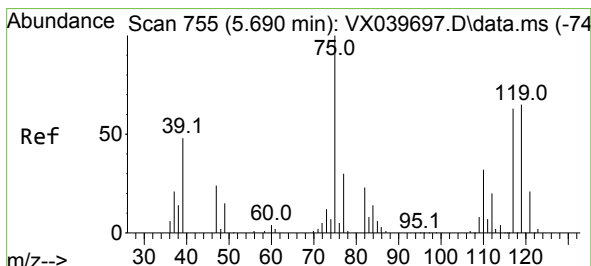
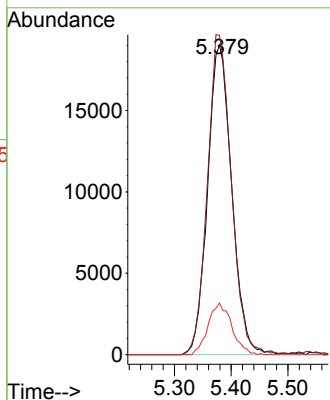
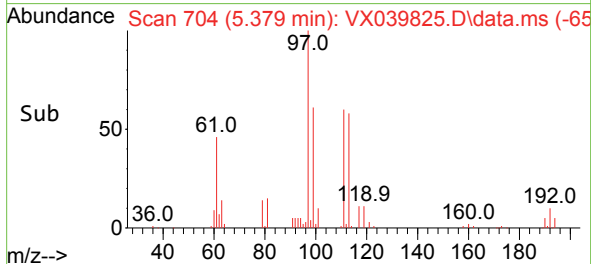
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



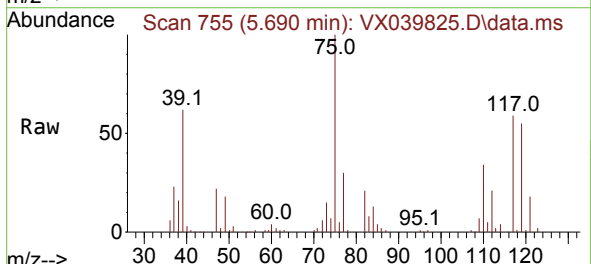
Tgt Ion: 113 Resp: 5628
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 16.4 13.3 19.9

Manual Integrations
APPROVED

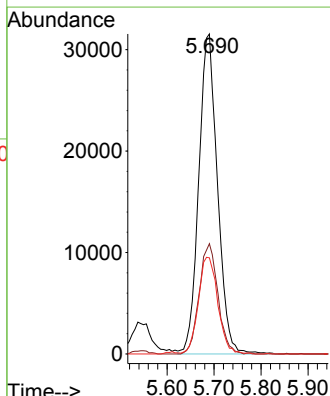
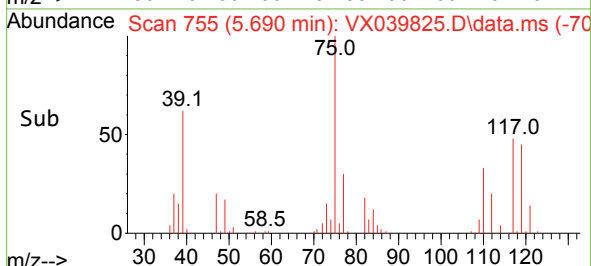
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024

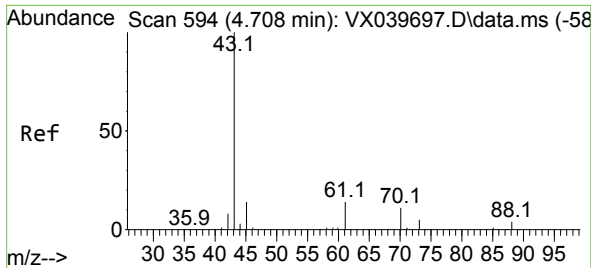


#36
1,1-Dichloropropene
Concen: 48.991 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04



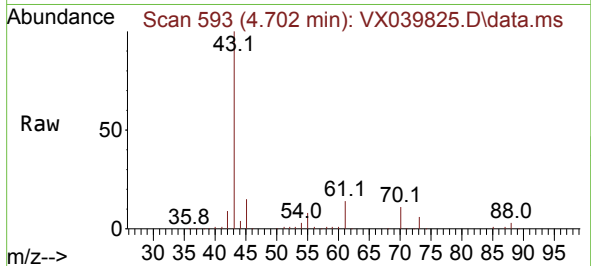
Tgt Ion: 75 Resp: 87469
Ion Ratio Lower Upper
75 100
110 34.4 17.0 50.9
77 31.4 24.7 37.1





#37
Ethyl Acetate
Concen: 42.575 ug/l
RT: 4.702 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

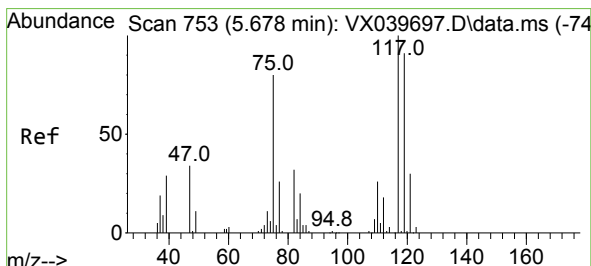
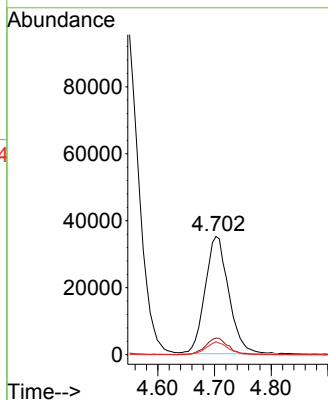
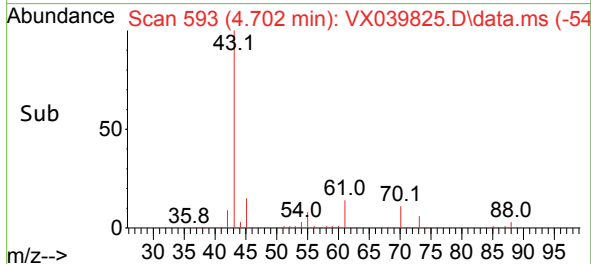
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 101408
Ion Ratio Lower Upper
43 100
61 13.9 10.6 16.0
70 10.2 8.3 12.5

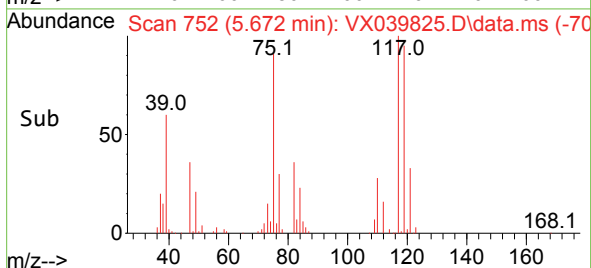
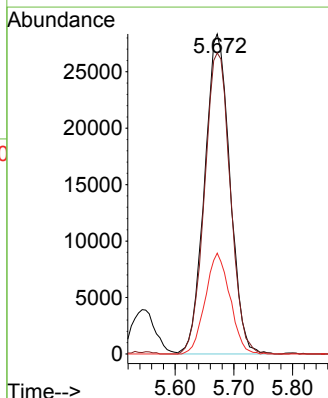
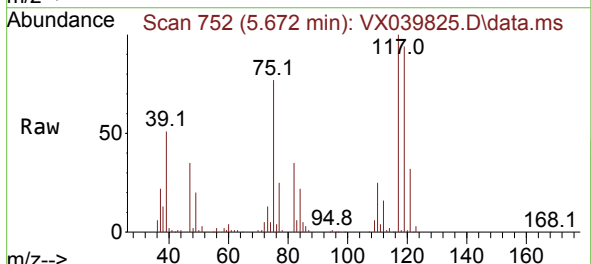
Manual Integrations
APPROVED

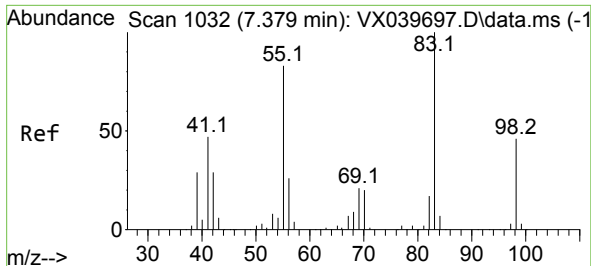
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024



#38
Carbon Tetrachloride
Concen: 51.880 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

Tgt Ion:117 Resp: 84836
Ion Ratio Lower Upper
117 100
119 94.0 78.2 117.2
121 31.5 24.4 36.6





#39

Methylcyclohexane

Concen: 48.842 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX039825.D

Acq: 19 Jan 2024 09:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 104714

Ion Ratio Lower Upper

83 100

55 78.1 64.6 97.0

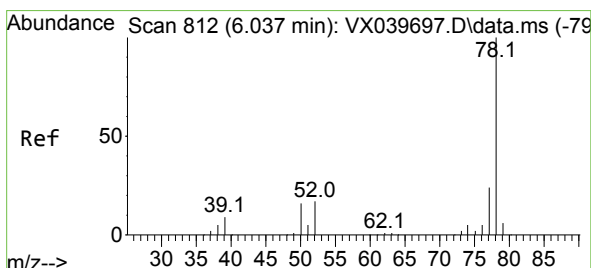
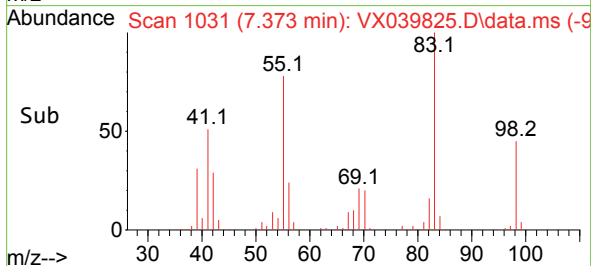
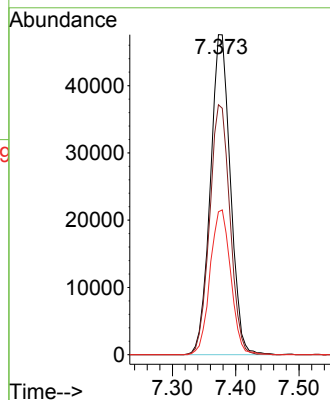
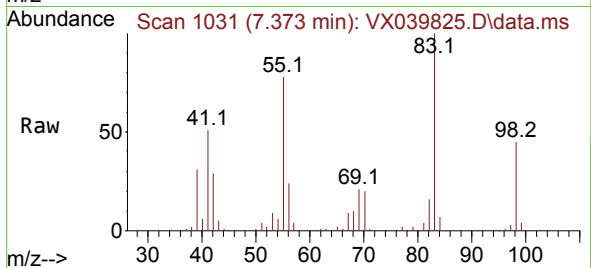
98 44.6 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/22/2024

Supervised By :Mahesh Dadoda 01/22/2024



#40

Benzene

Concen: 48.140 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX039825.D

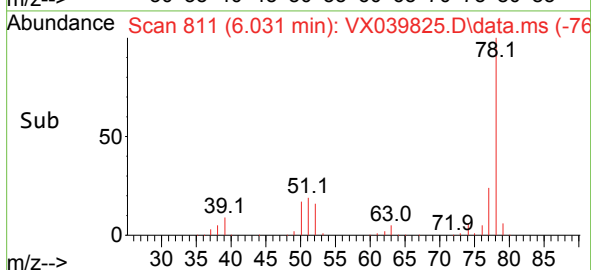
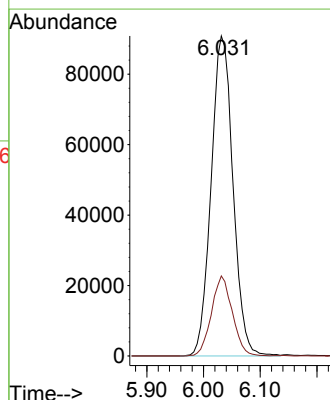
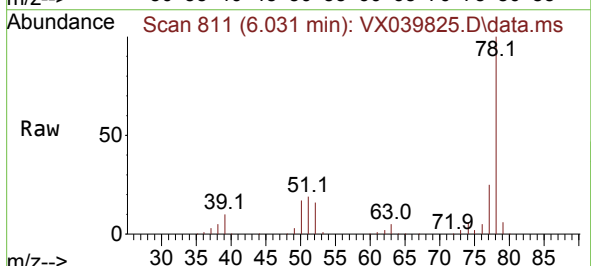
Acq: 19 Jan 2024 09:04

Tgt Ion: 78 Resp: 243380

Ion Ratio Lower Upper

78 100

77 25.0 19.3 28.9





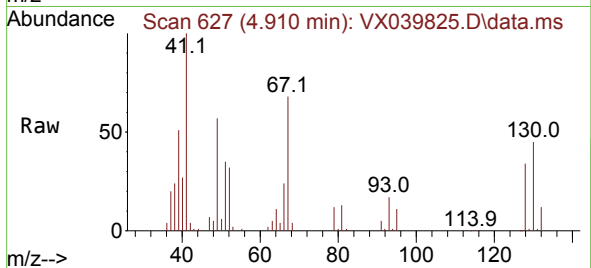
#41
Methacrylonitrile
Concen: 46.418 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



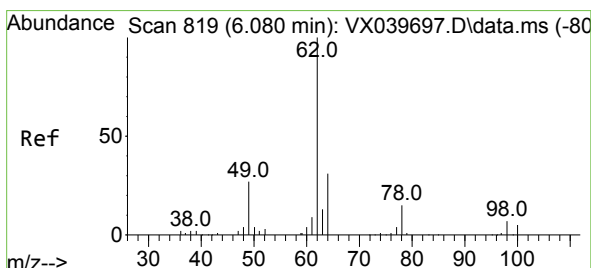
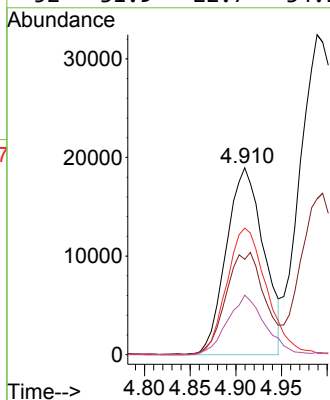
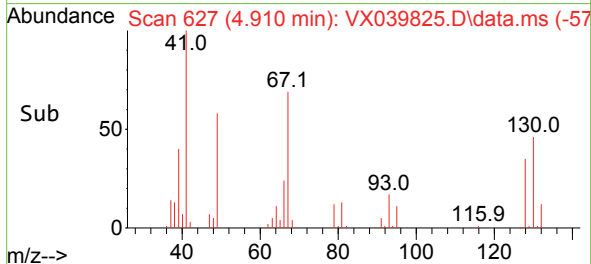
Tgt Ion: 41 Resp: 5406
Ion Ratio Lower Upper
41 100
39 56.4 45.2 67.8
67 72.2 52.6 78.8
52 31.9 22.7 34.1

Manual Integrations

APPROVED

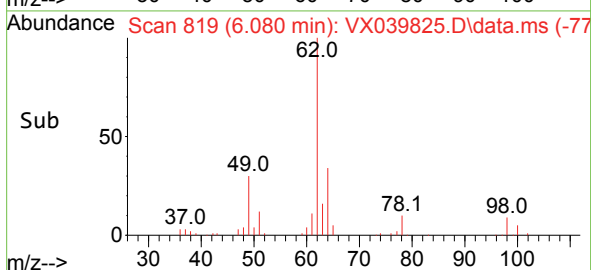
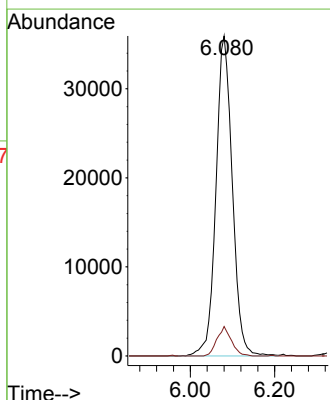
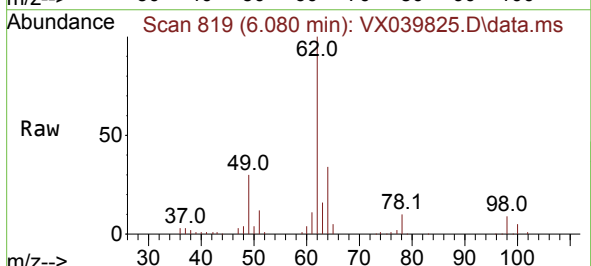
Reviewed By :John Carlone 01/22/2024

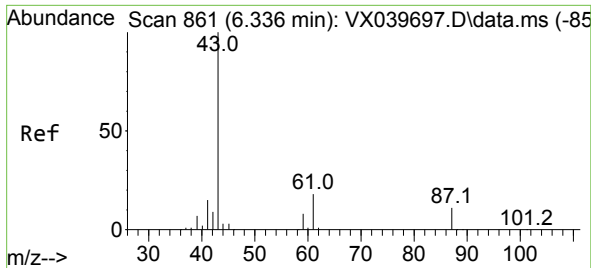
Supervised By :Mahesh Dadoda 01/22/2024



#42
1,2-Dichloroethane
Concen: 50.278 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

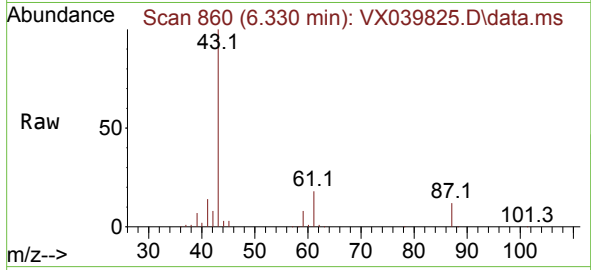
Tgt Ion: 62 Resp: 96637
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.0





#43
Isopropyl Acetate
Concen: 47.358 ug/l
RT: 6.330 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

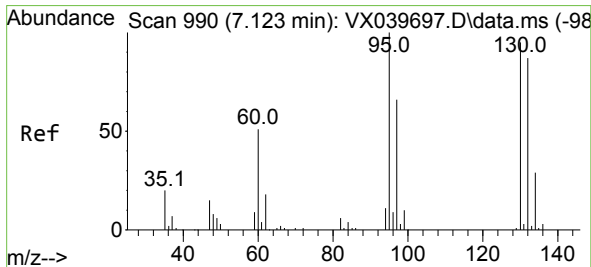
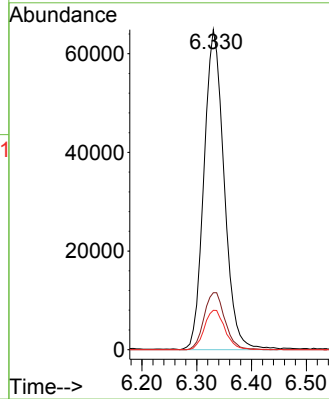
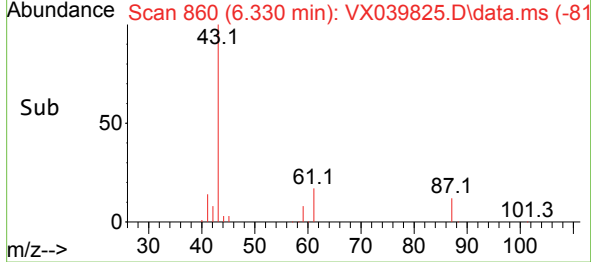
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 165472
Ion Ratio Lower Upper
43 100
61 18.5 15.2 22.8
87 12.6 9.8 14.6

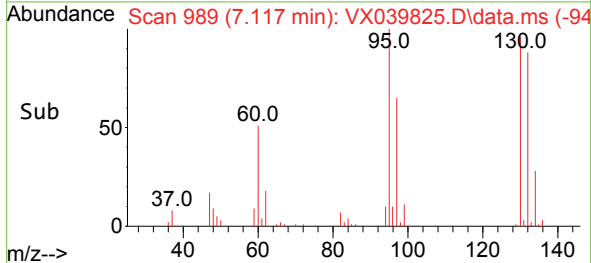
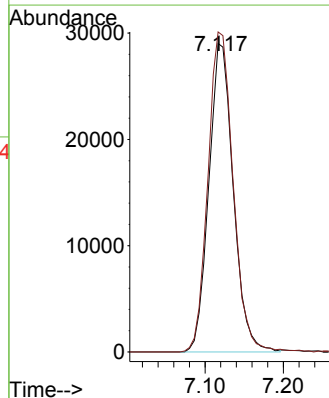
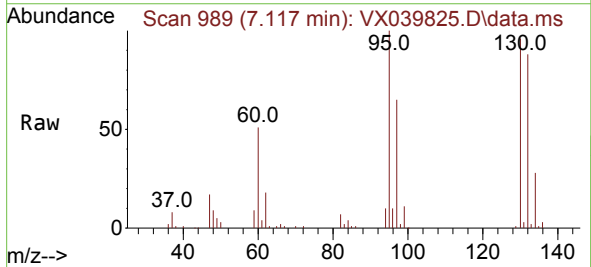
Manual Integrations
APPROVED

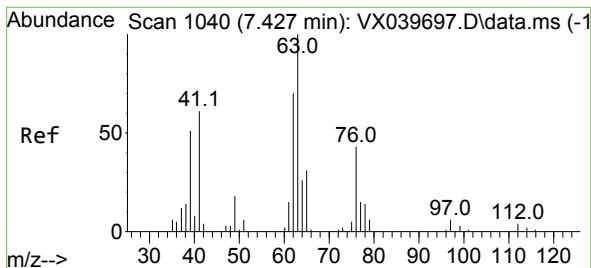
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024



#44
Trichloroethene
Concen: 50.768 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

Tgt Ion:130 Resp: 62903
Ion Ratio Lower Upper
130 100
95 103.7 0.0 204.4





#45

1,2-Dichloropropane

Concen: 47.773 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX039825.D

Acq: 19 Jan 2024 09:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 6479

Ion Ratio Lower Upper

63 100

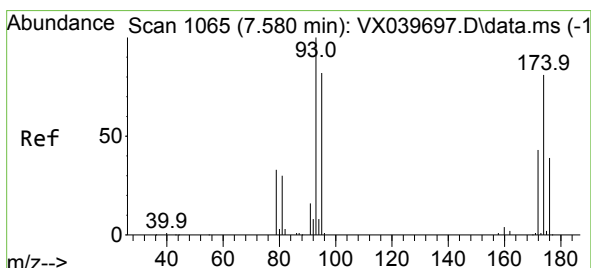
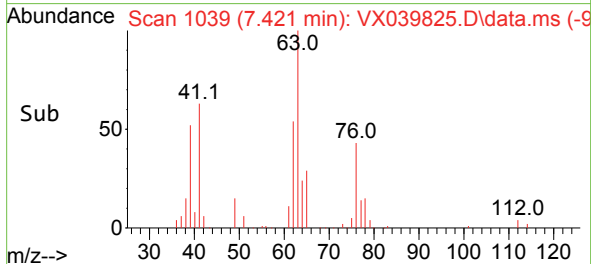
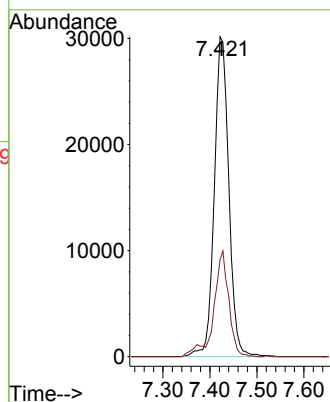
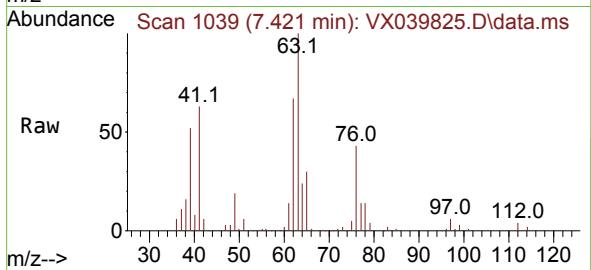
65 30.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/22/2024

Supervised By :Mahesh Dadoda 01/22/2024



#46

Dibromomethane

Concen: 50.818 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX039825.D

Acq: 19 Jan 2024 09:04

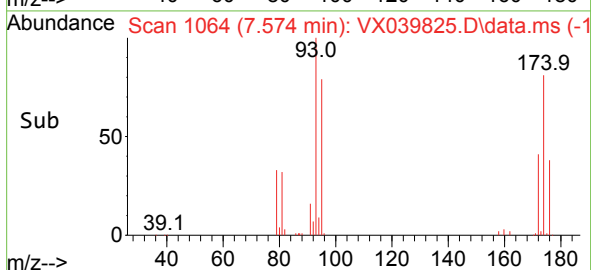
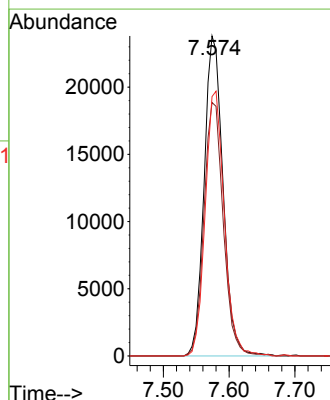
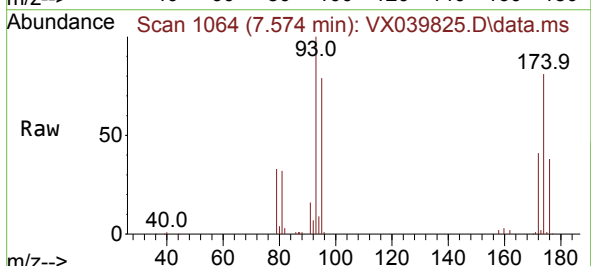
Tgt Ion: 93 Resp: 47603

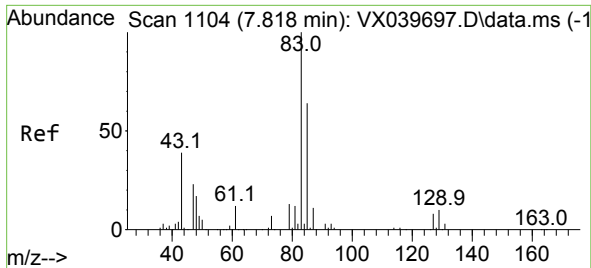
Ion Ratio Lower Upper

93 100

95 81.0 66.6 100.0

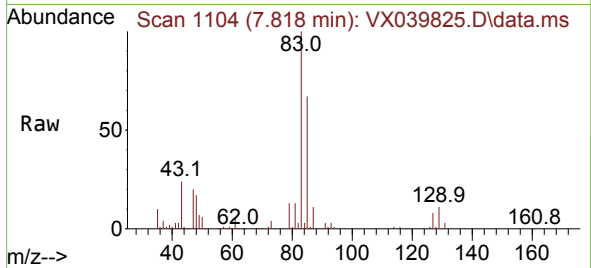
174 83.7 69.4 104.0





#47
Bromodichloromethane
Concen: 52.325 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

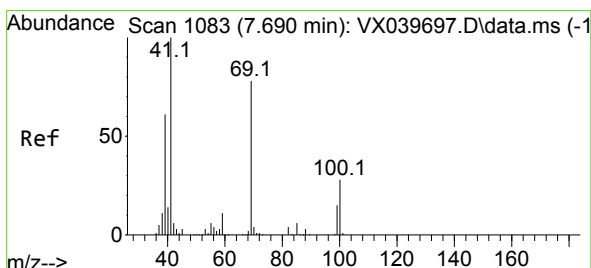
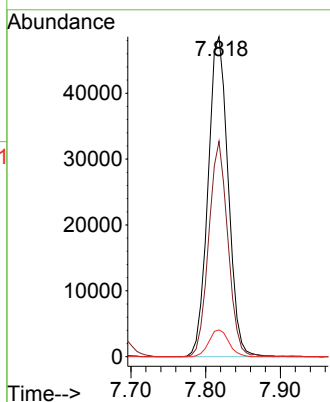
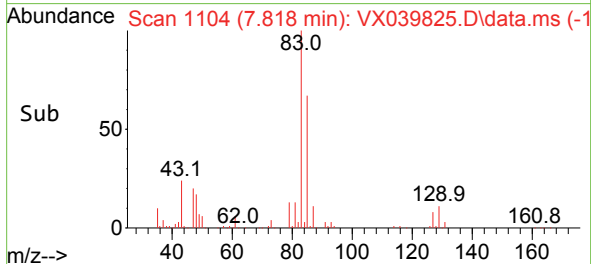
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 90779
Ion Ratio Lower Upper
83 100
85 67.3 49.8 74.6
127 8.3 7.1 10.7

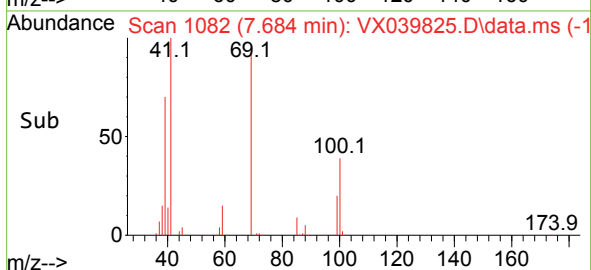
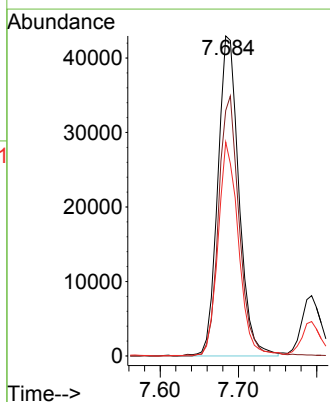
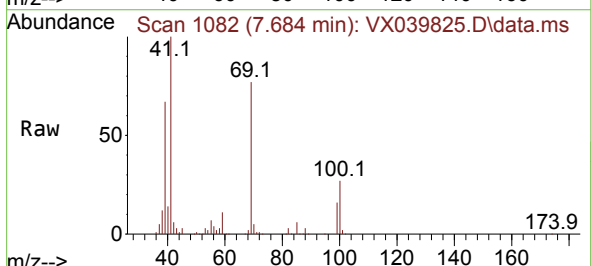
Manual Integrations
APPROVED

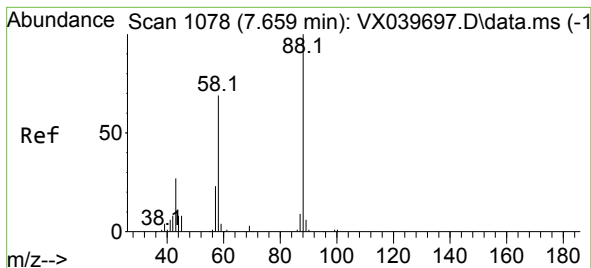
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024



#48
Methyl methacrylate
Concen: 46.995 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

Tgt Ion: 41 Resp: 80712
Ion Ratio Lower Upper
41 100
69 79.6 59.2 88.8
39 64.9 47.7 71.5





#49

1,4-Dioxane

Concen: 813.181 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX039825.D

Acq: 19 Jan 2024 09:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 27024

Ion Ratio Lower Upper

88 100

43 37.0 0.0 0.0

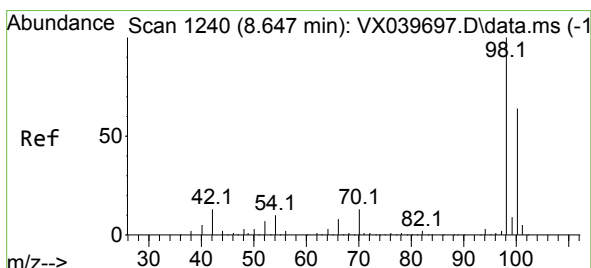
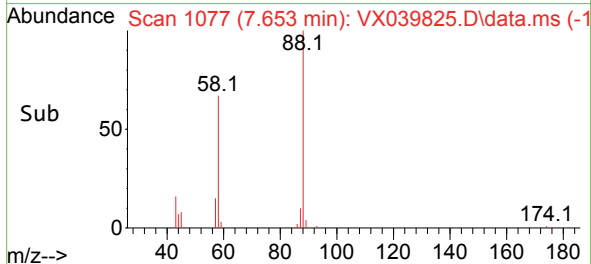
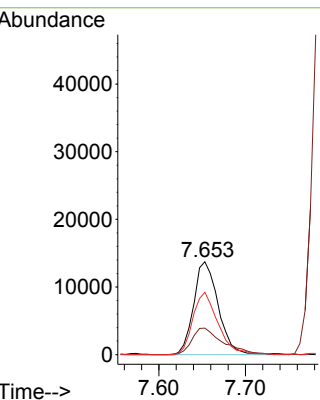
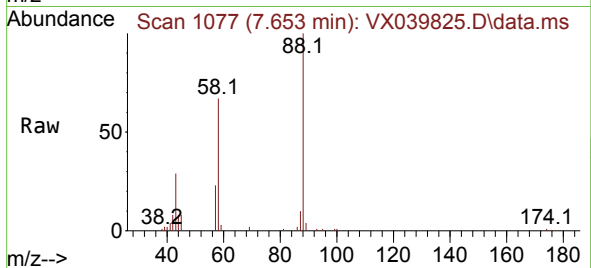
58 68.6 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/22/2024

Supervised By :Mahesh Dadoda 01/22/2024



#50

Toluene-d8

Concen: 48.627 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039825.D

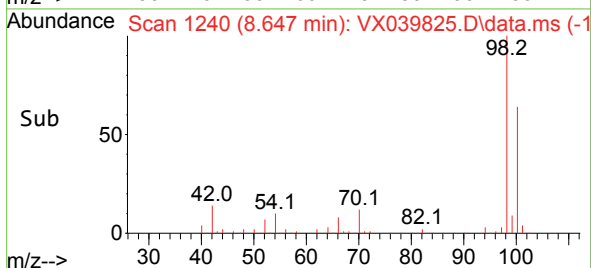
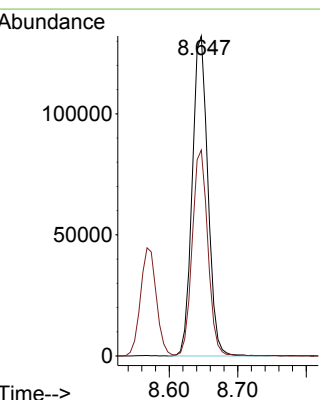
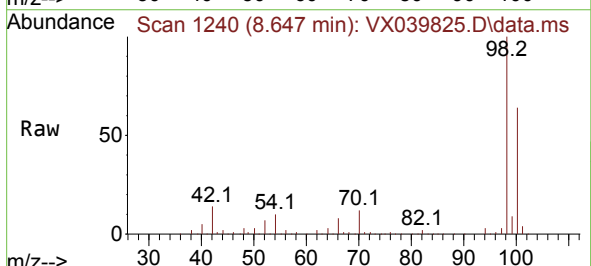
Acq: 19 Jan 2024 09:04

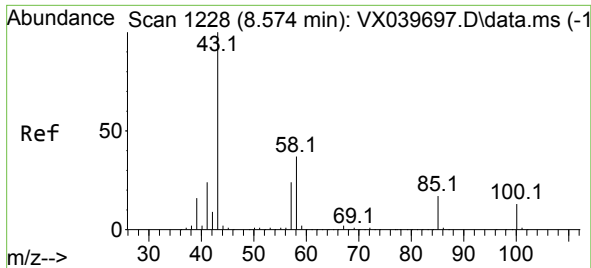
Tgt Ion: 98 Resp: 210366

Ion Ratio Lower Upper

98 100

100 64.0 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 227.521 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

Instrument :

MSVOA_X

ClientSampleId :

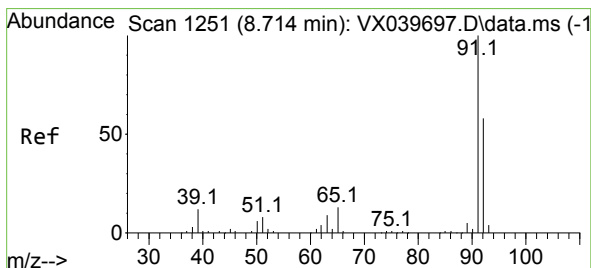
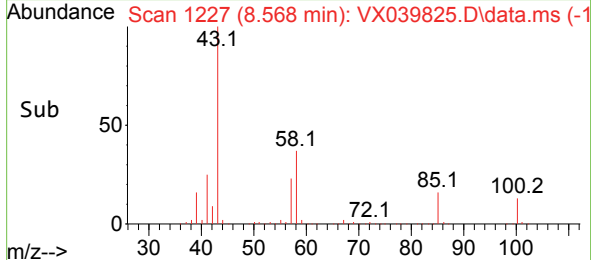
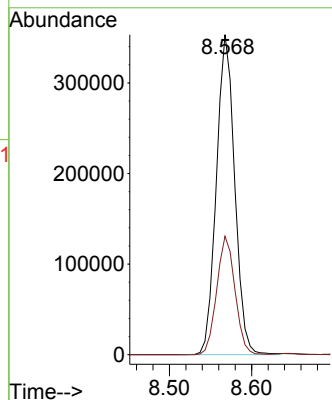
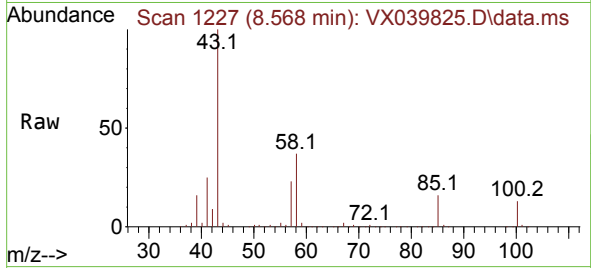
VSTDCCC050

Tgt Ion: 43 Resp: 547512
Ion Ratio Lower Upper
43 100
58 36.9 30.4 45.6

Manual Integrations

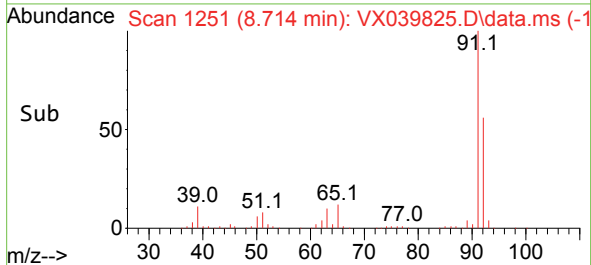
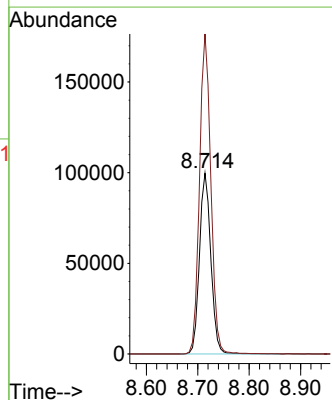
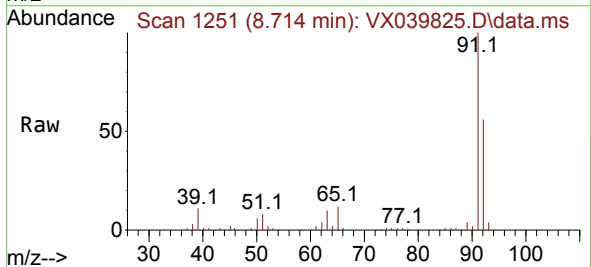
APPROVED

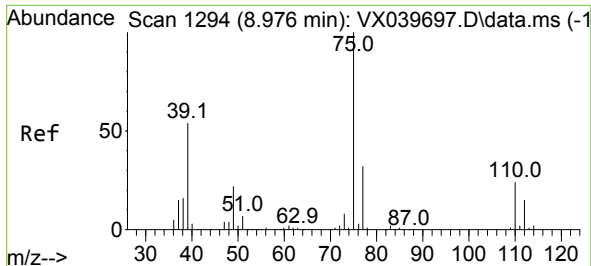
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024



#52
Toluene
Concen: 50.757 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

Tgt Ion: 92 Resp: 153270
Ion Ratio Lower Upper
92 100
91 176.1 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 54.003 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

Instrument :

MSVOA_X

ClientSampleId :

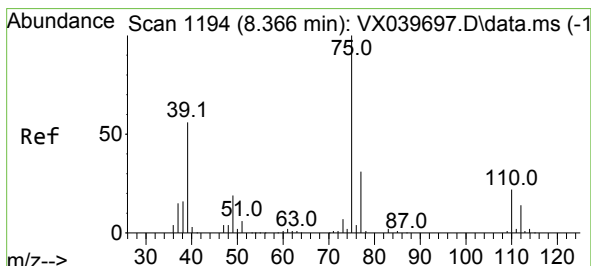
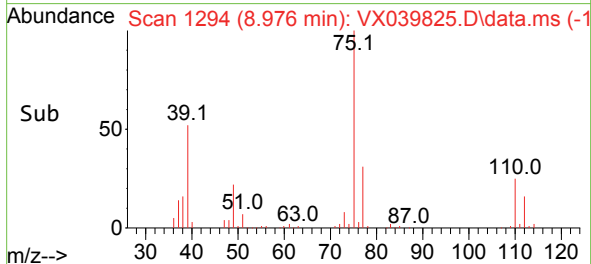
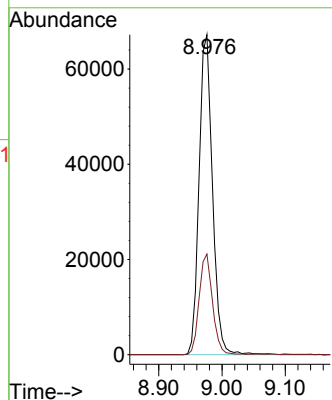
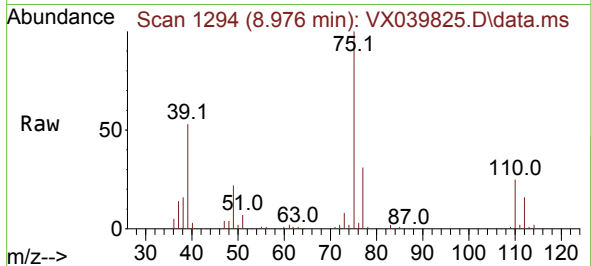
VSTDCCC050

Tgt Ion: 75 Resp: 99415
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5

Manual Integrations

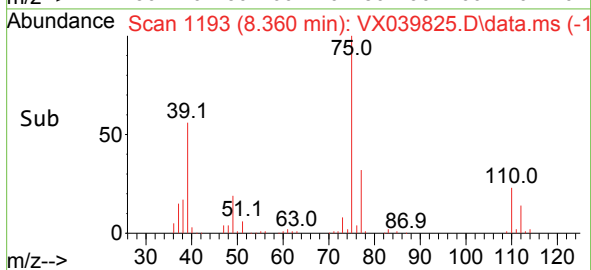
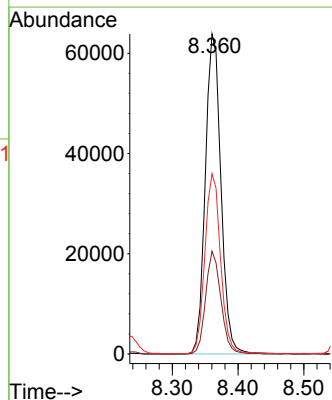
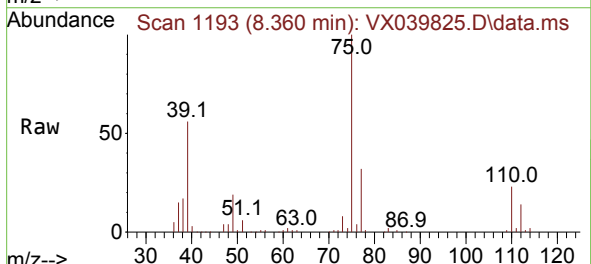
APPROVED

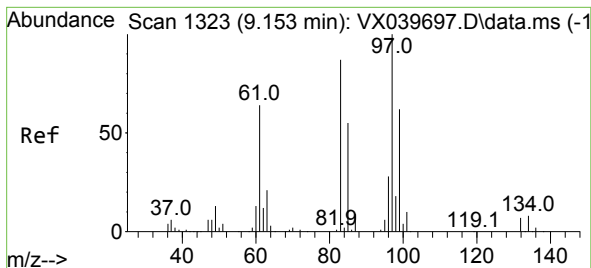
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024



#54
cis-1,3-Dichloropropene
Concen: 52.133 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

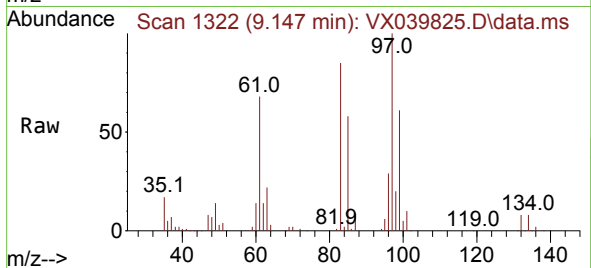
Tgt Ion: 75 Resp: 105529
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9
39 56.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 49.627 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

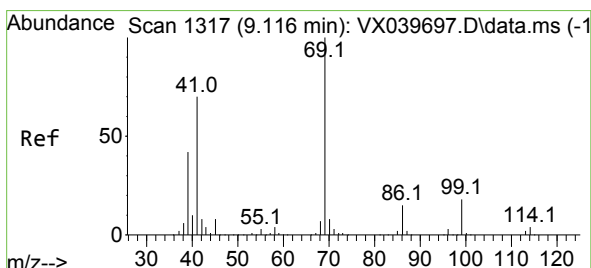
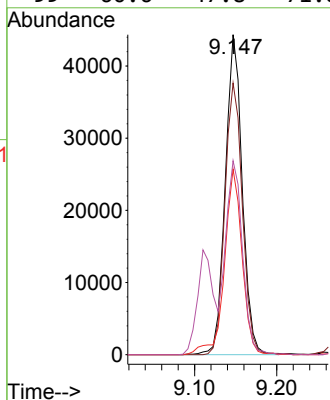
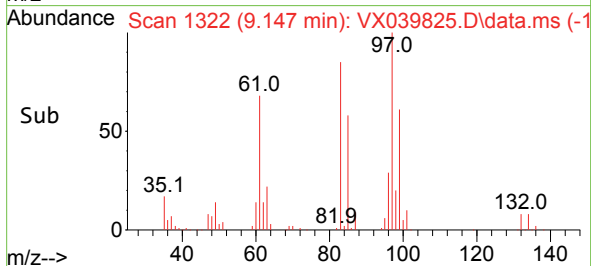
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



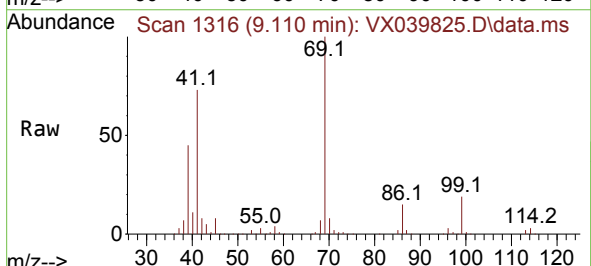
Tgt Ion: 97 Resp: 6380
Ion Ratio Lower Upper
97 100
83 84.9 65.8 98.8
85 58.0 41.6 62.4
99 60.6 47.8 71.8

Manual Integrations
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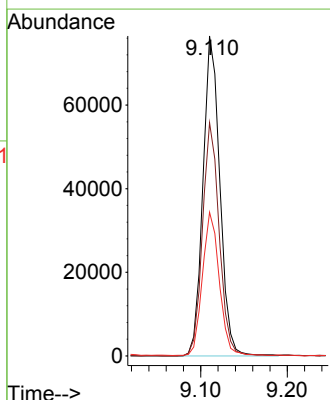
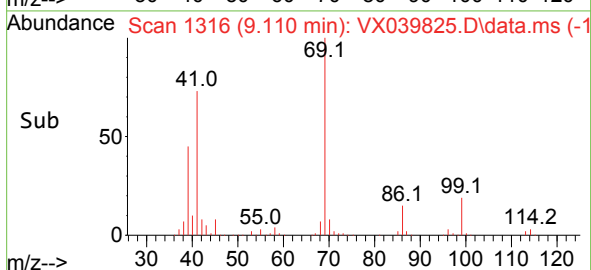
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024

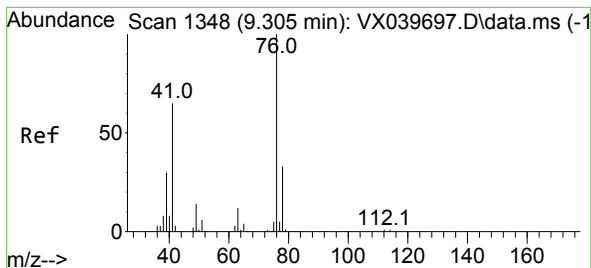


#56
Ethyl methacrylate
Concen: 49.867 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04



Tgt Ion: 69 Resp: 103764
Ion Ratio Lower Upper
69 100
41 72.2 56.8 85.2
39 44.7 32.0 48.0





#57

1,3-Dichloropropane

Concen: 49.135 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039825.D

Acq: 19 Jan 2024 09:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 10705

Ion Ratio Lower Upper

76 100

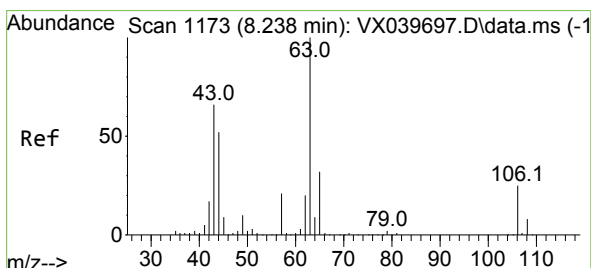
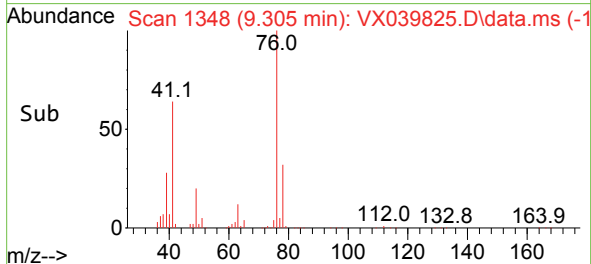
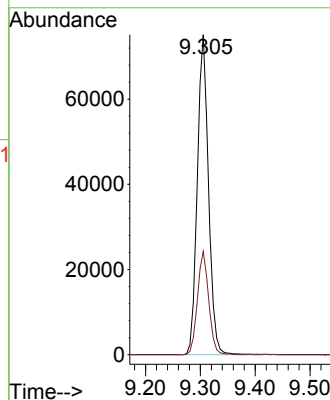
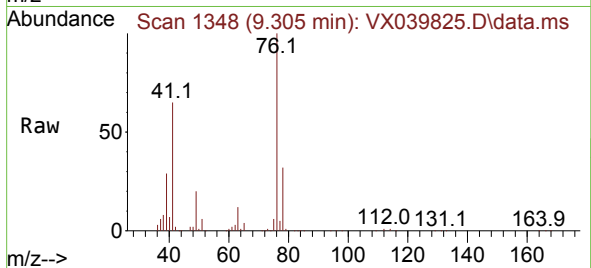
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/22/2024

Supervised By :Mahesh Dadoda 01/22/2024



#58

2-Chloroethyl Vinyl ether

Concen: 235.359 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039825.D

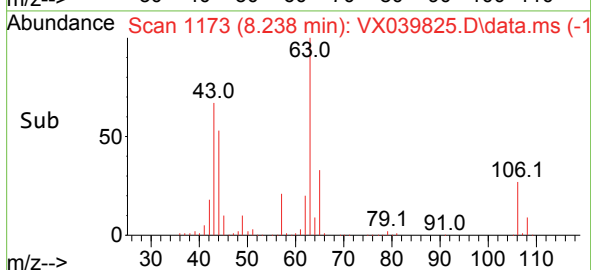
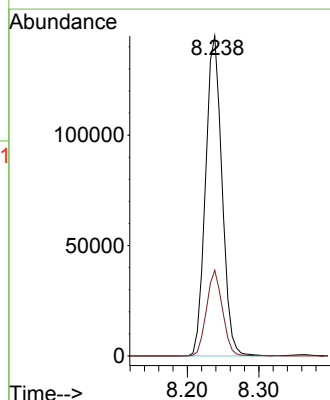
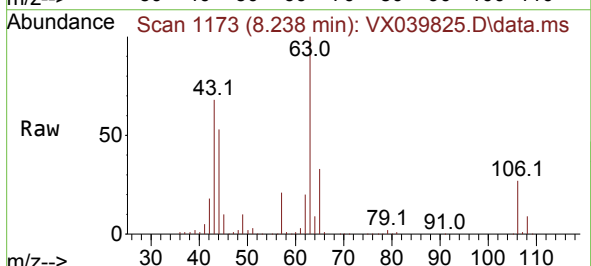
Acq: 19 Jan 2024 09:04

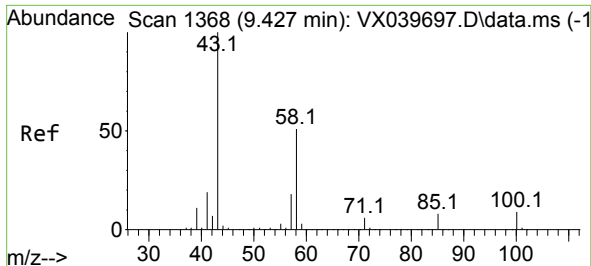
Tgt Ion: 63 Resp: 231486

Ion Ratio Lower Upper

63 100

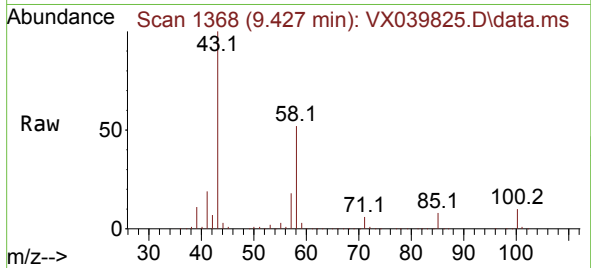
106 26.0 22.5 33.7





#59
2-Hexanone
Concen: 234.026 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

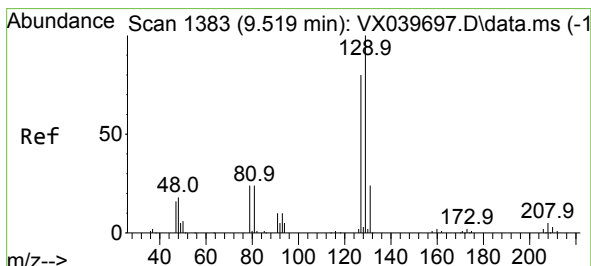
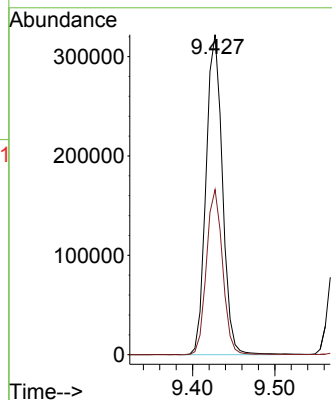
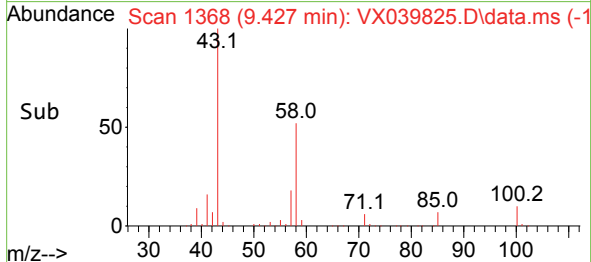
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 445710
Ion Ratio Lower Upper
43 100
58 51.1 26.2 78.5

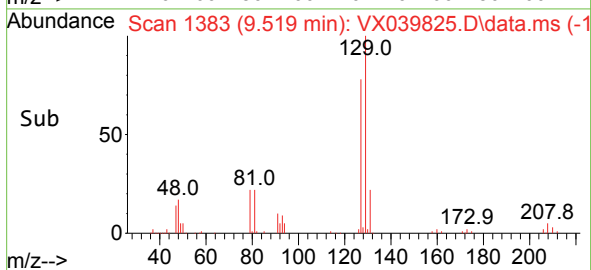
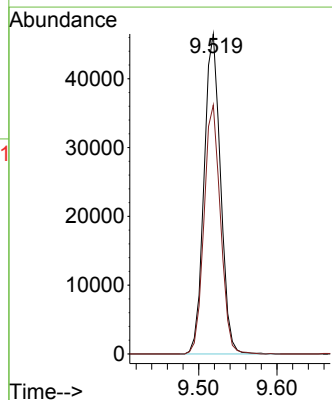
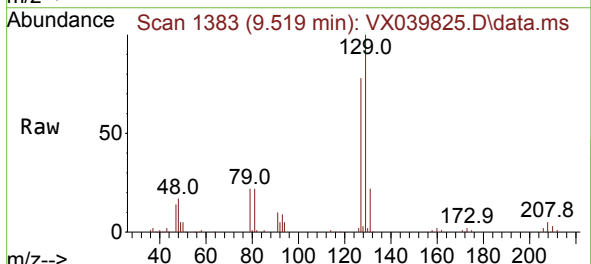
Manual Integrations
APPROVED

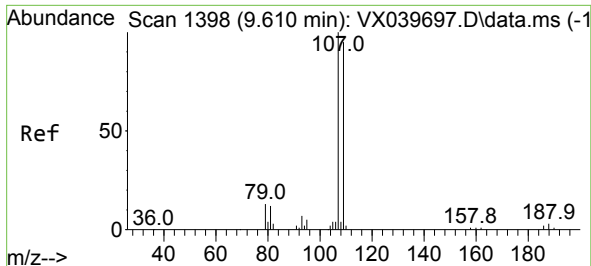
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024



#60
Dibromochloromethane
Concen: 55.829 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

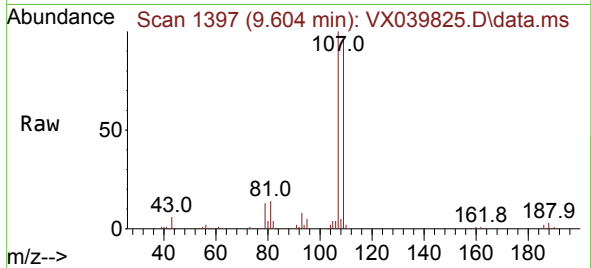
Tgt Ion:129 Resp: 67690
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.659 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

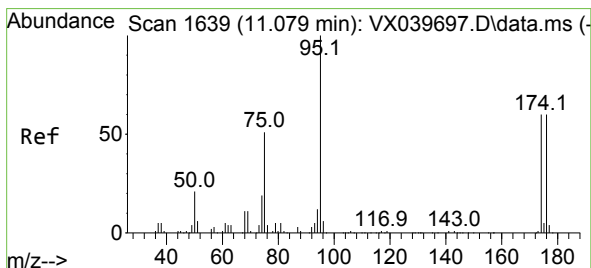
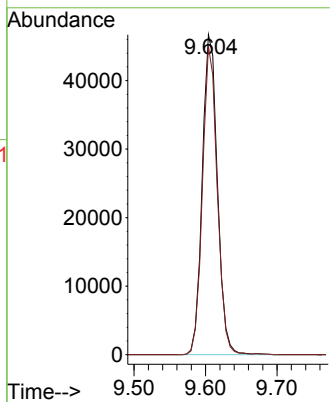
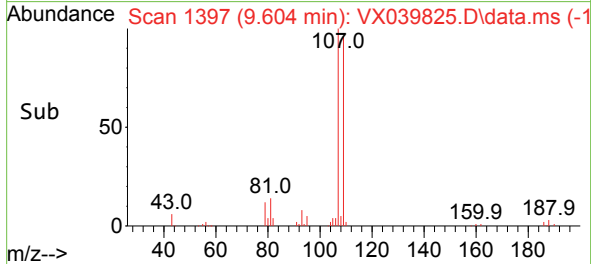
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



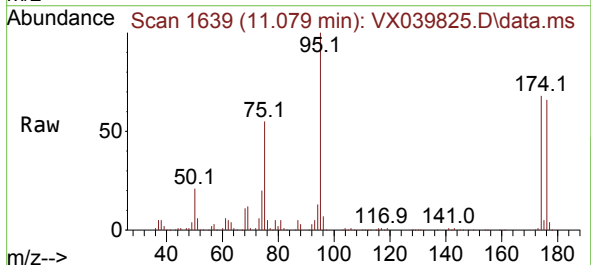
Tgt Ion:107 Resp: 6877
Ion Ratio Lower Upper
107 100
109 93.9 75.2 112.8

Manual Integrations
APPROVED

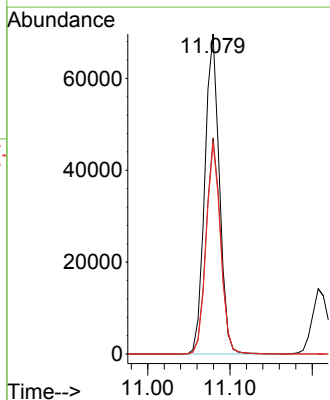
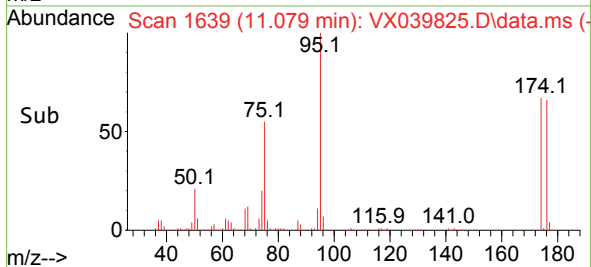
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024

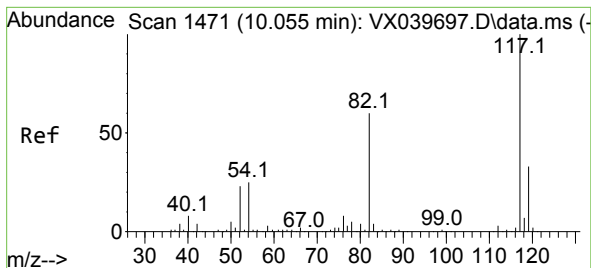


#62
4-Bromofluorobenzene
Concen: 50.677 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04



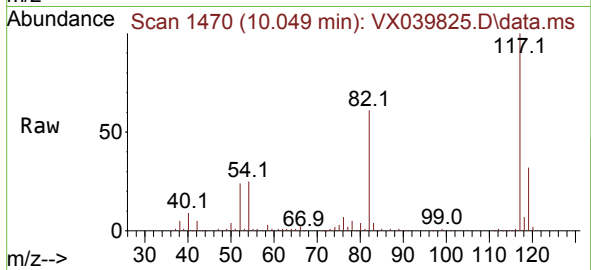
Tgt Ion: 95 Resp: 85731
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.6
176 64.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

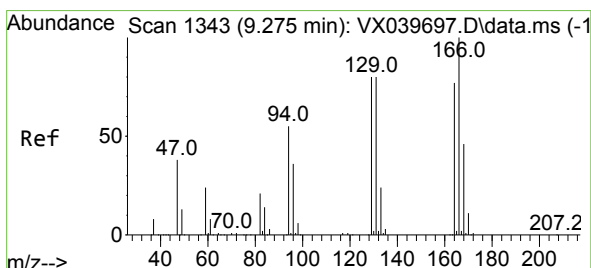
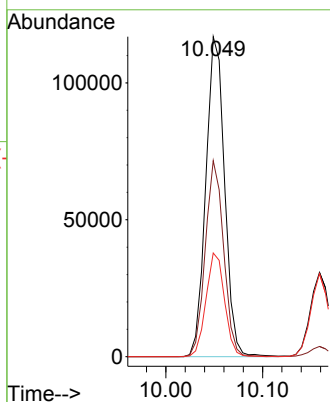
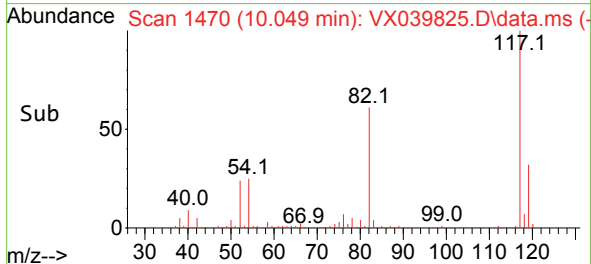
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 15776
Ion Ratio Lower Upper
117 100
82 61.2 46.2 69.4
119 32.4 25.5 38.3

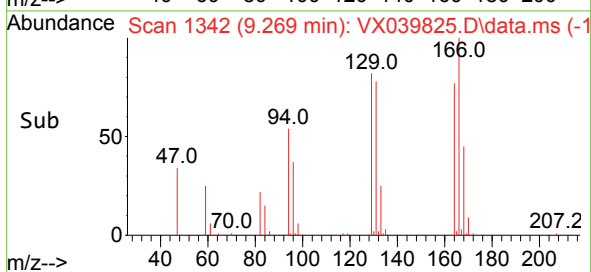
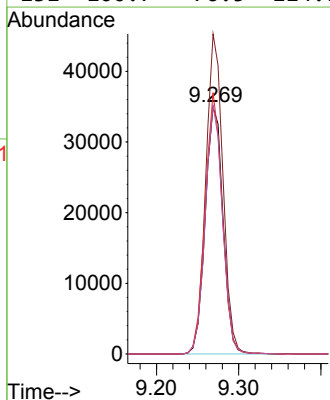
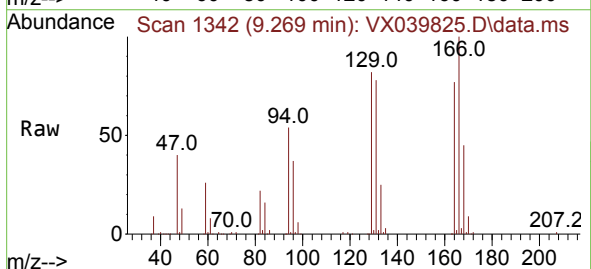
Manual Integrations
APPROVED

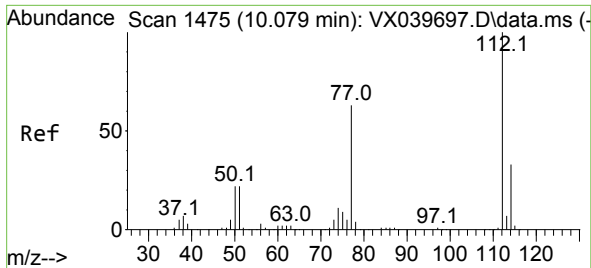
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024



#64
Tetrachloroethene
Concen: 51.144 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

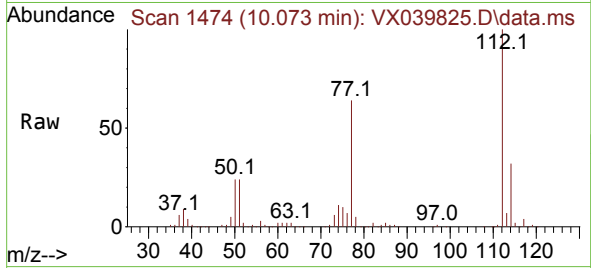
Tgt Ion:164 Resp: 52470
Ion Ratio Lower Upper
164 100
166 129.7 102.7 154.1
129 105.9 80.4 120.6
131 100.7 76.5 114.7





#65
Chlorobenzene
Concen: 49.621 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

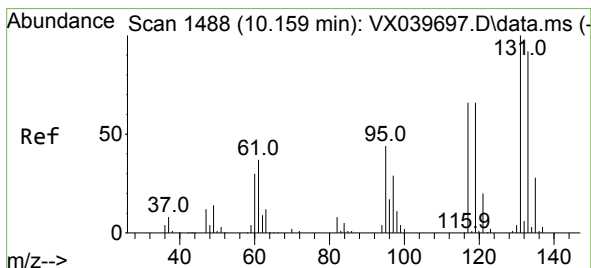
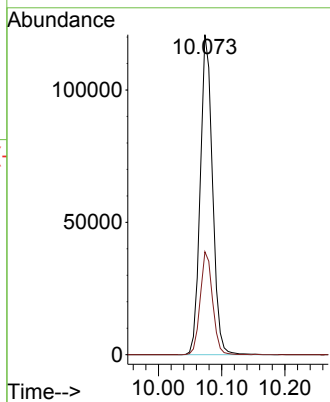
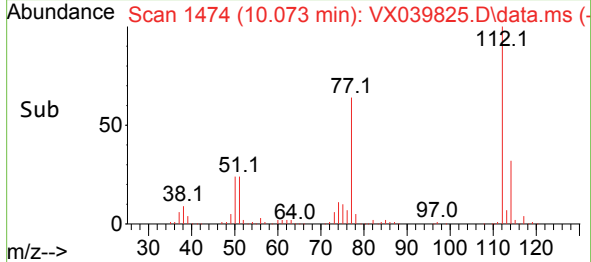
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 163045
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

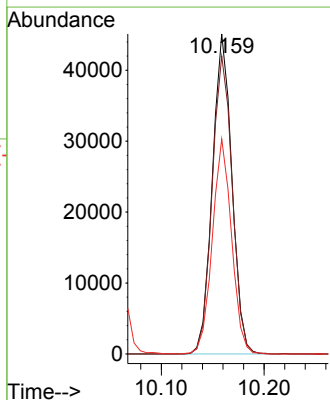
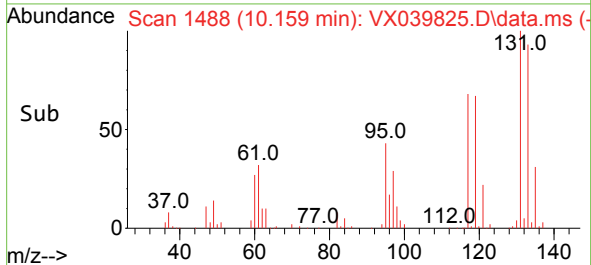
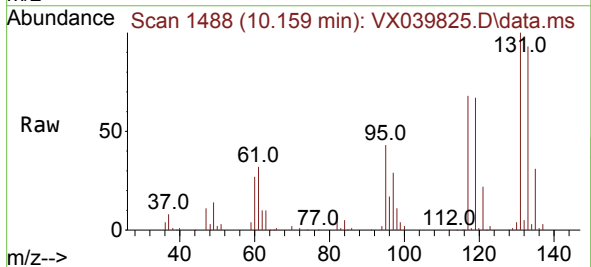
Manual Integrations
APPROVED

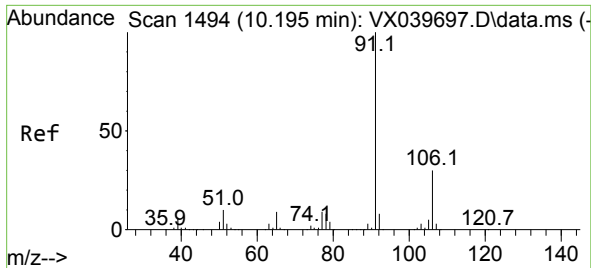
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 53.165 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

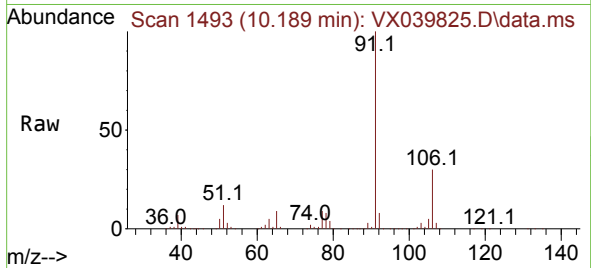
Tgt Ion:131 Resp: 59483
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.4
119 66.2 32.2 96.6





#67
Ethyl Benzene
Concen: 50.594 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

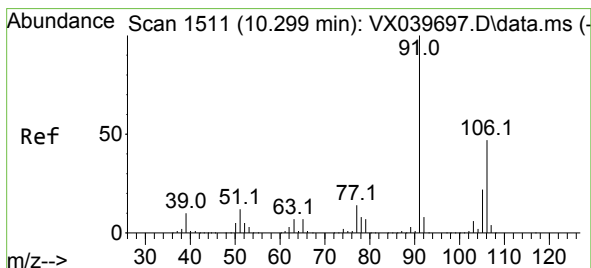
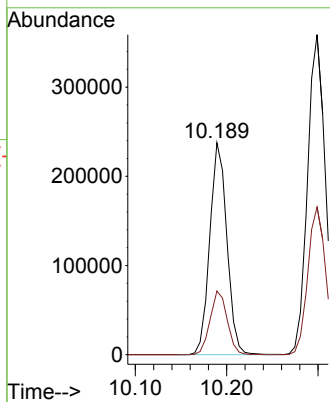
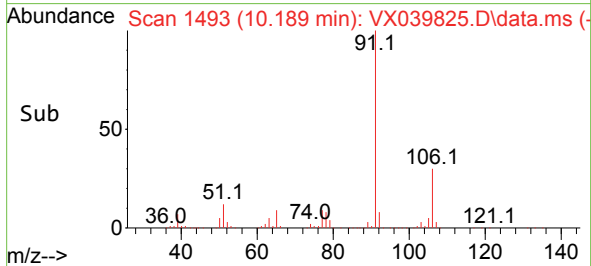
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



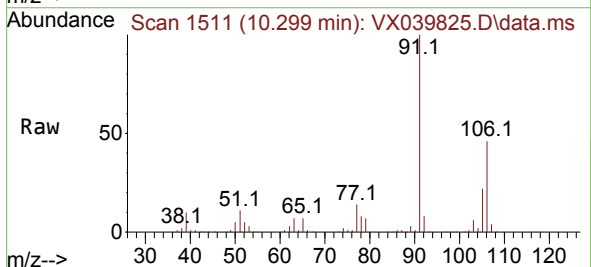
Tgt Ion: 91 Resp: 308638
Ion Ratio Lower Upper
91 100
106 30.0 24.9 37.3

Manual Integrations
APPROVED

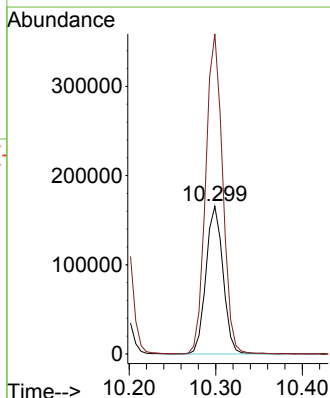
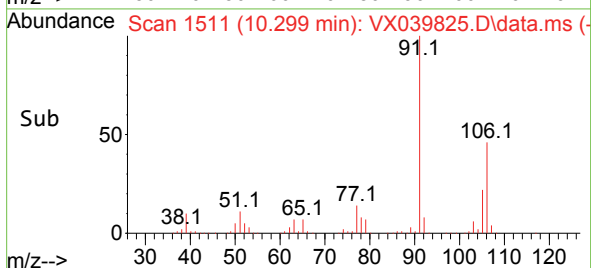
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024

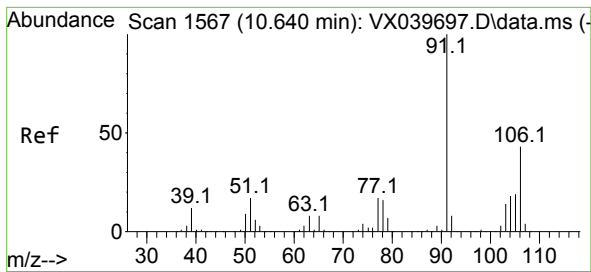


#68
m/p-Xylenes
Concen: 100.782 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04



Tgt Ion:106 Resp: 226104
Ion Ratio Lower Upper
106 100
91 215.9 165.5 248.3





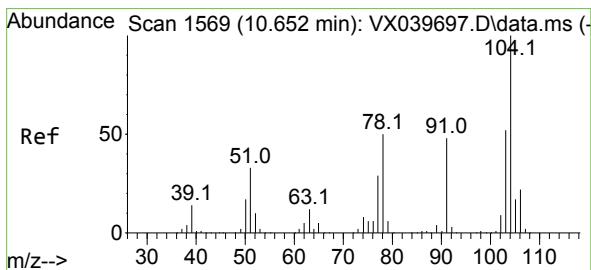
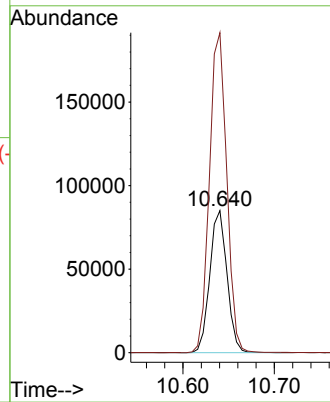
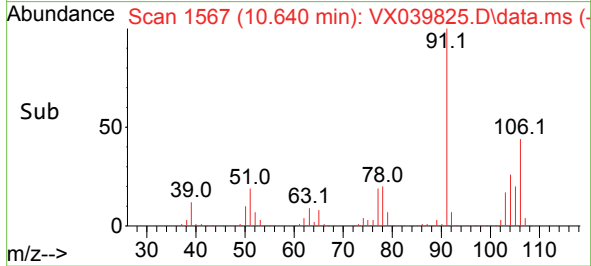
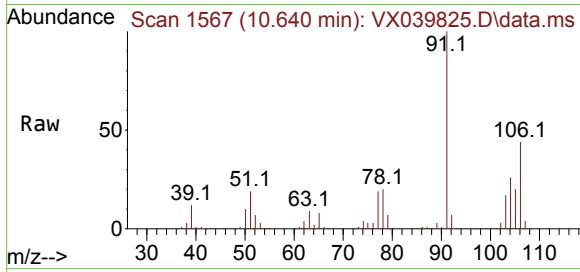
#69
o-Xylene
Concen: 49.964 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 111000
Ion Ratio Lower Upper
106 100
91 226.8 108.9 326.8

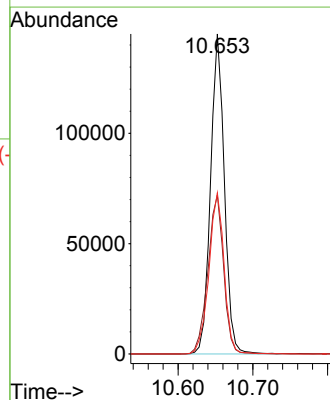
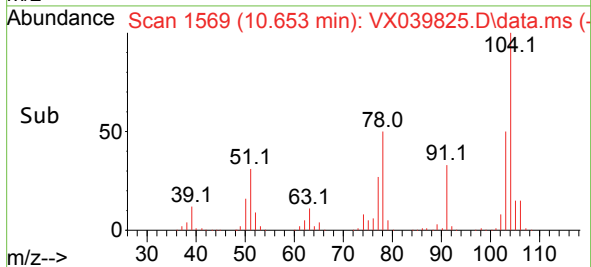
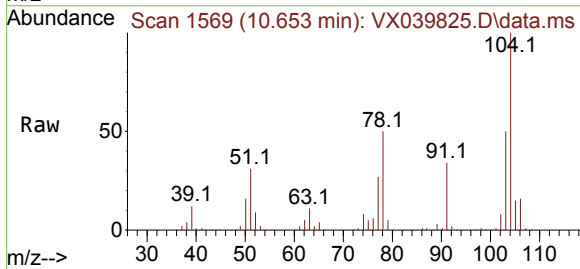
Manual Integrations
APPROVED

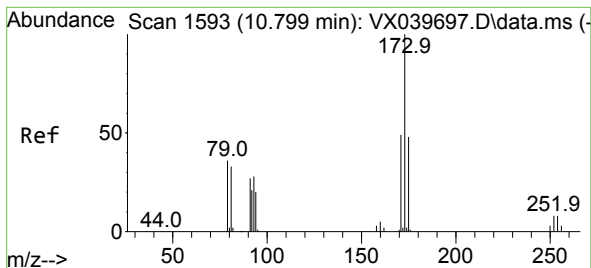
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024



#70
Styrene
Concen: 51.313 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

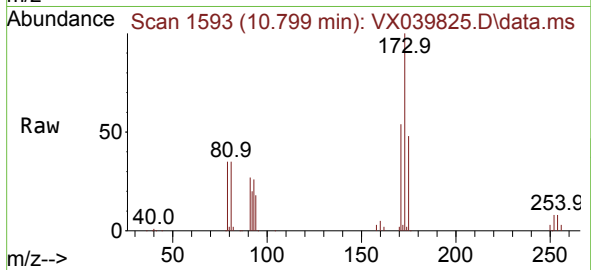
Tgt Ion:104 Resp: 186233
Ion Ratio Lower Upper
104 100
78 56.5 43.6 65.4
103 55.6 43.6 65.4





#71
Bromoform
Concen: 55.890 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

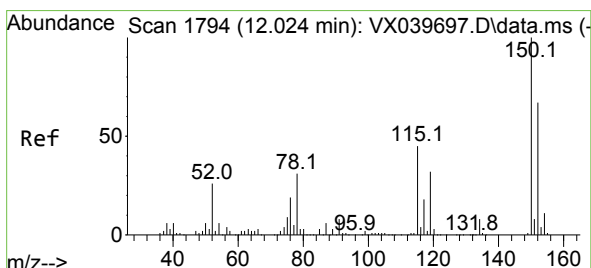
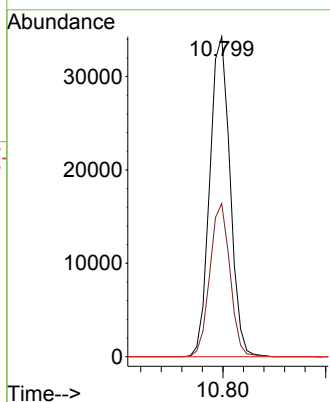
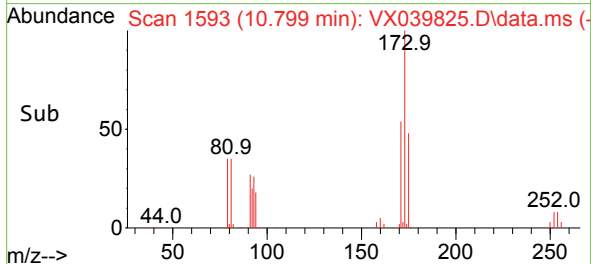
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



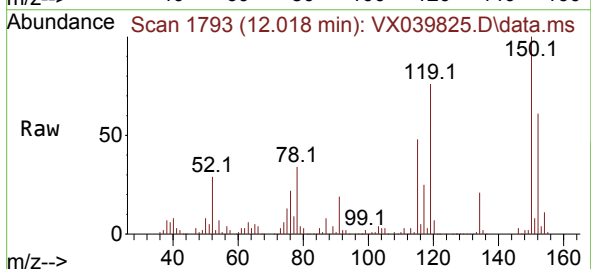
Tgt Ion:173 Resp: 46954
Ion Ratio Lower Upper
173 100
175 47.5 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

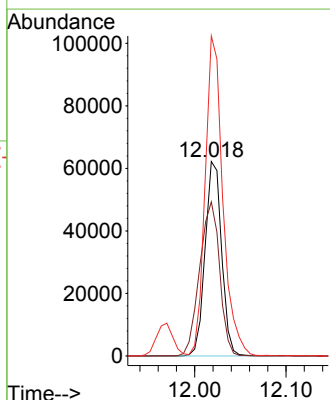
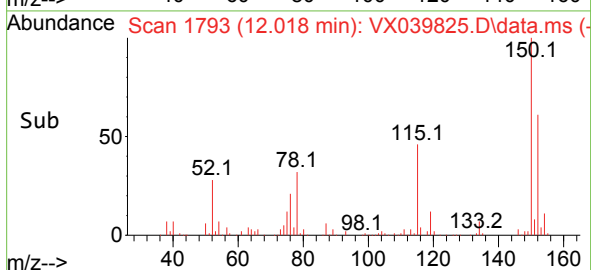
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024

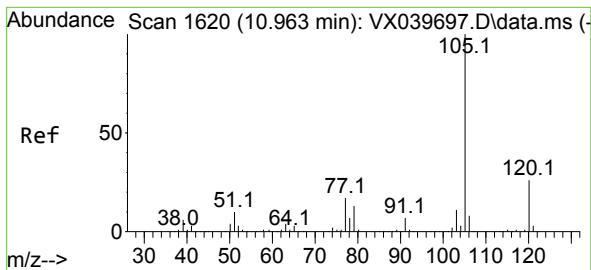


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04



Tgt Ion:152 Resp: 77864
Ion Ratio Lower Upper
152 100
115 96.0 43.3 129.9
150 176.0 0.0 345.0





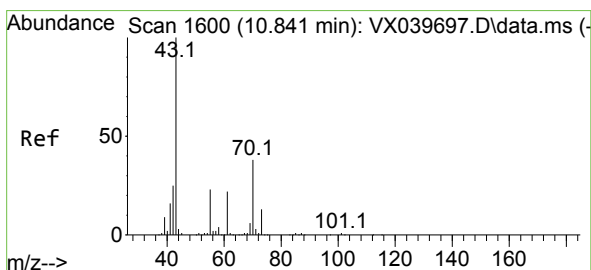
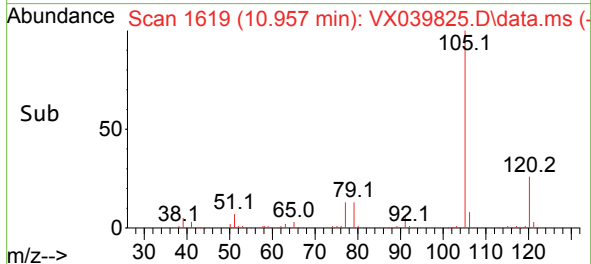
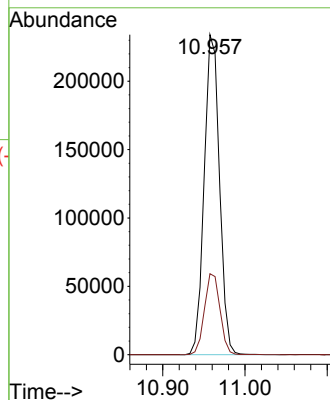
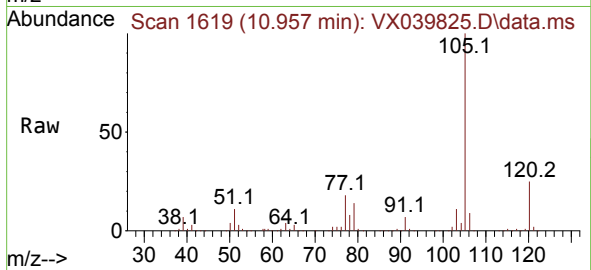
#73
Isopropylbenzene
Concen: 48.803 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 302540
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6

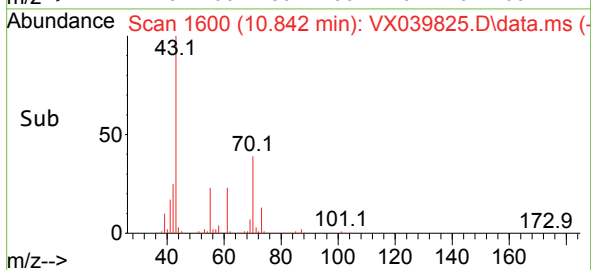
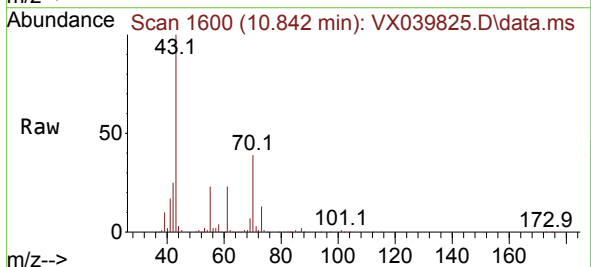
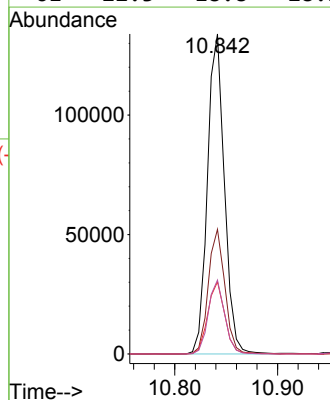
Manual Integrations
APPROVED

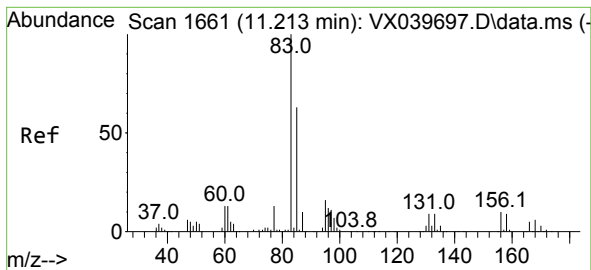
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024



#74
N-ethyl acetate
Concen: 47.638 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

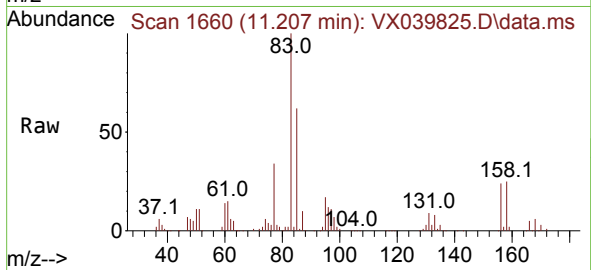
Tgt Ion: 43 Resp: 153938
Ion Ratio Lower Upper
43 100
70 38.2 32.9 49.3
55 22.8 19.3 28.9
61 22.3 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 45.737 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

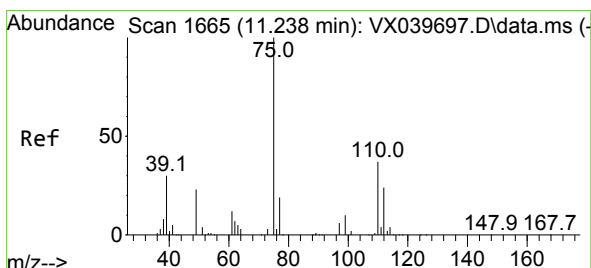
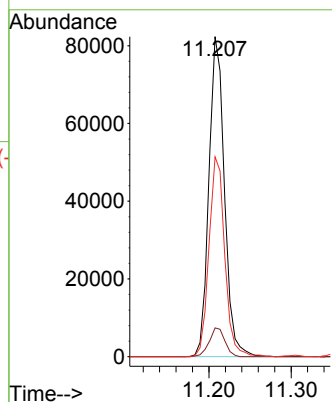
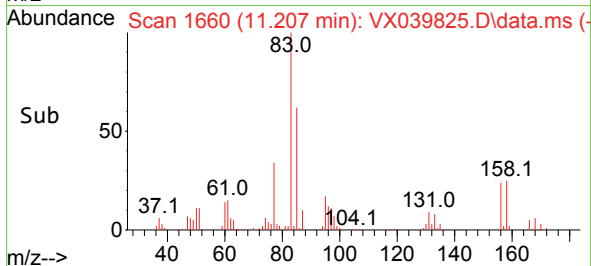
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



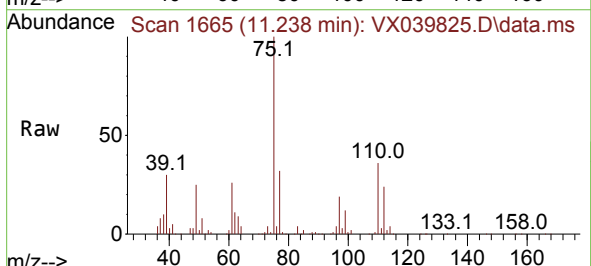
Tgt Ion: 83 Resp: 108269
Ion Ratio Lower Upper
83 100
131 9.1 5.3 15.8
85 63.2 32.0 96.2

Manual Integrations
APPROVED

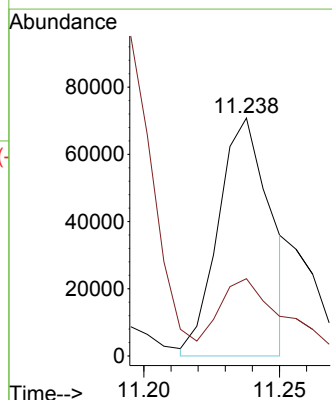
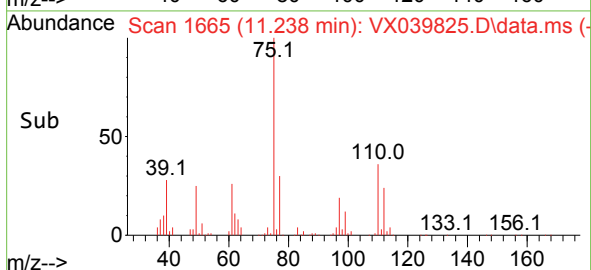
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024

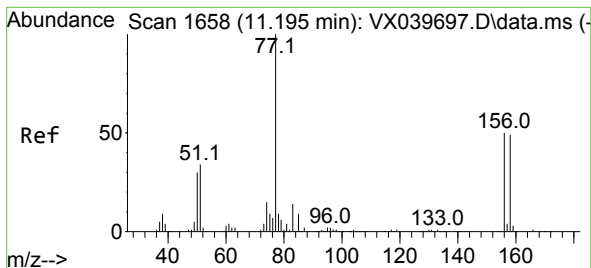


#76
1,2,3-Trichloropropane
Concen: 46.709 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04



Tgt Ion: 75 Resp: 94291
Ion Ratio Lower Upper
75 100
77 41.5 19.1 57.5





#77

Bromobenzene

Concen: 49.266 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039825.D

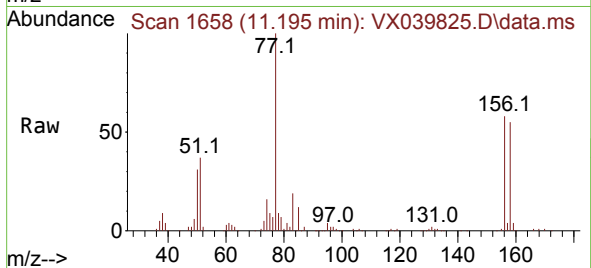
Acq: 19 Jan 2024 09:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:156 Resp: 68000

Ion Ratio Lower Upper

156 100

77 180.9 88.4 265.3

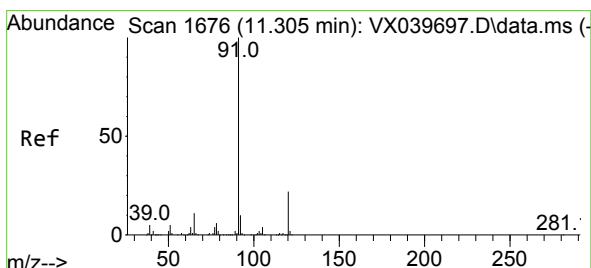
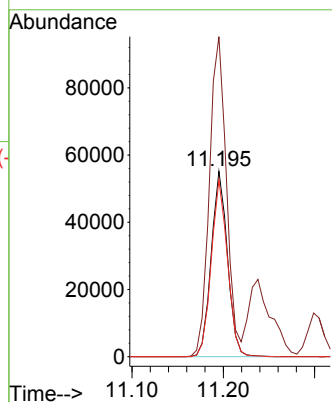
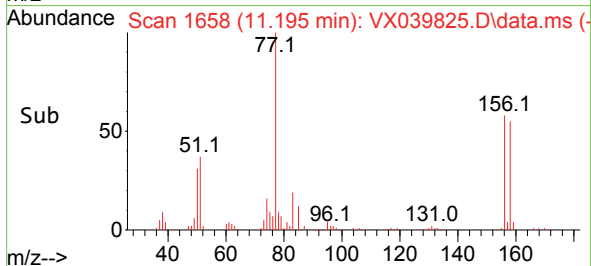
158 95.3 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/22/2024

Supervised By :Mahesh Dadoda 01/22/2024



#78

n-propylbenzene

Concen: 49.975 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.006 min

Lab File: VX039825.D

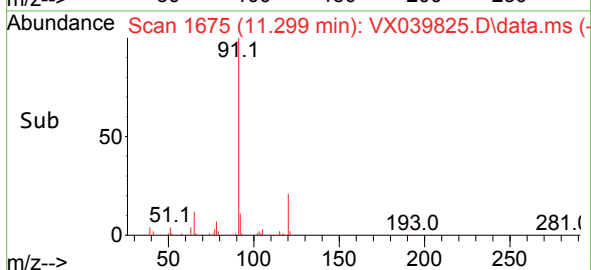
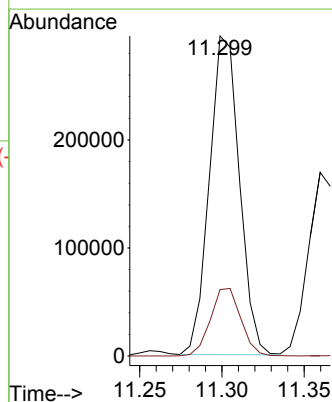
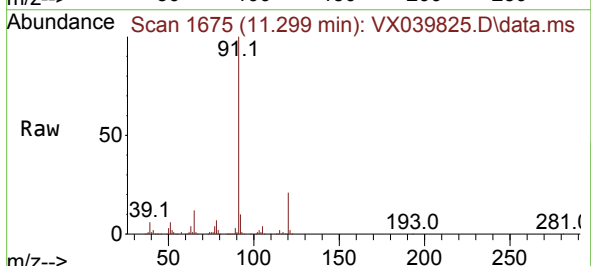
Acq: 19 Jan 2024 09:04

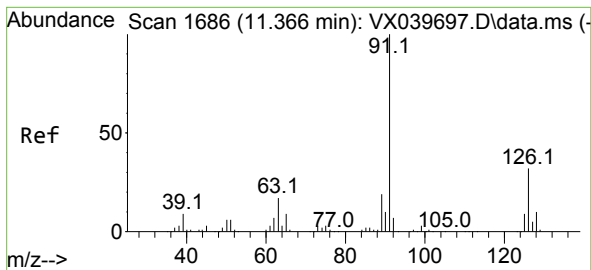
Tgt Ion: 91 Resp: 374974

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4





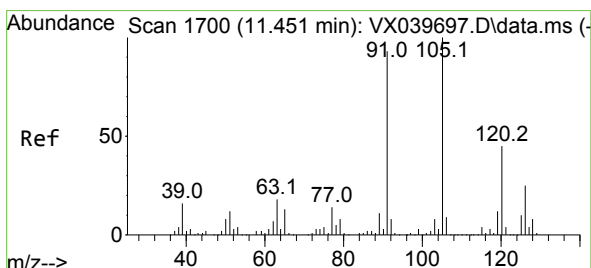
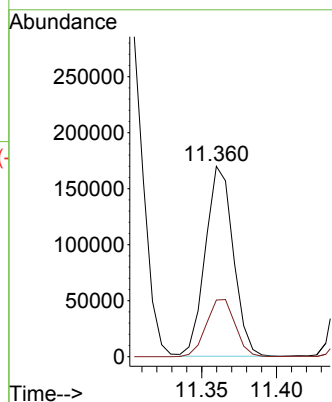
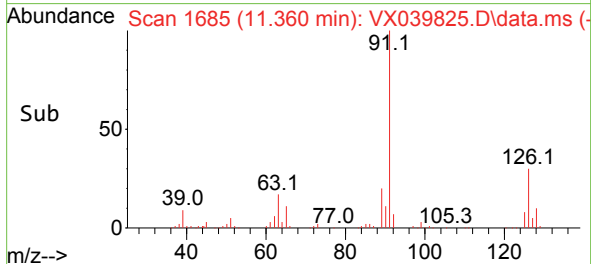
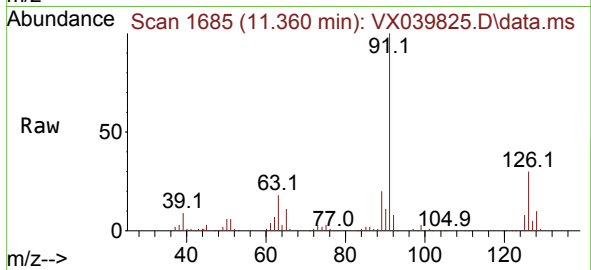
#79
2-Chlorotoluene
Concen: 47.423 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 219920
Ion Ratio Lower Upper
91 100
126 31.3 16.3 48.8

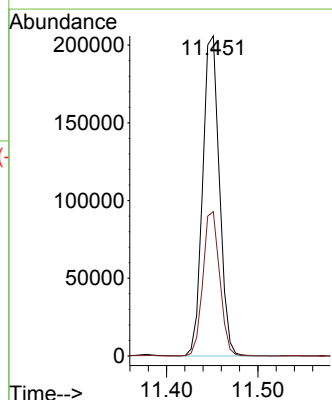
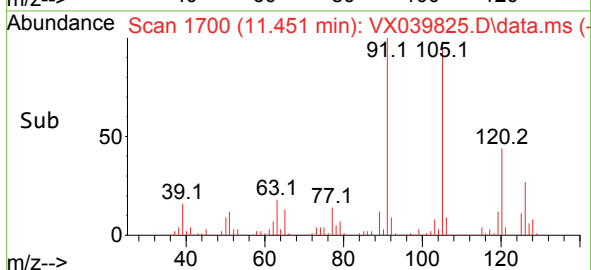
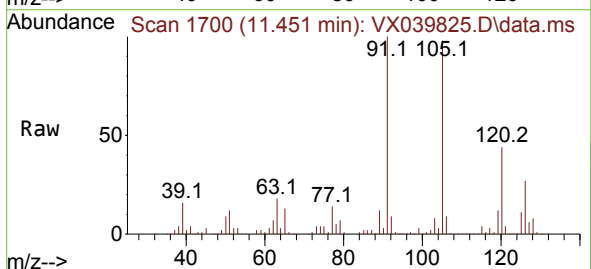
Manual Integrations
APPROVED

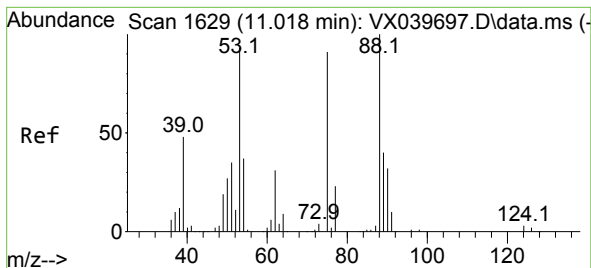
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024



#80
1,3,5-Trimethylbenzene
Concen: 49.589 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

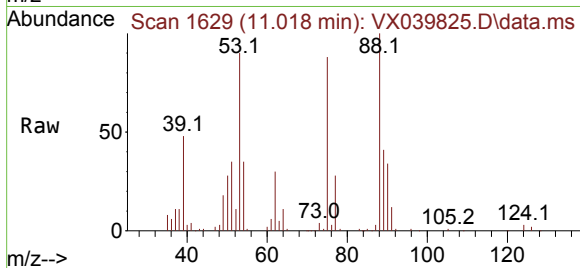
Tgt Ion:105 Resp: 261094
Ion Ratio Lower Upper
105 100
120 45.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 47.556 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

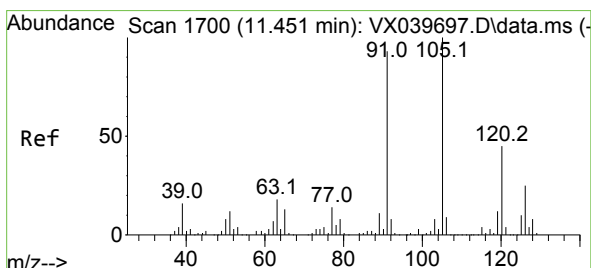
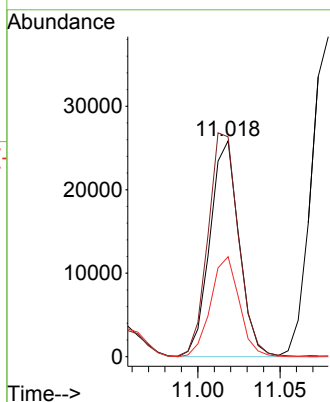
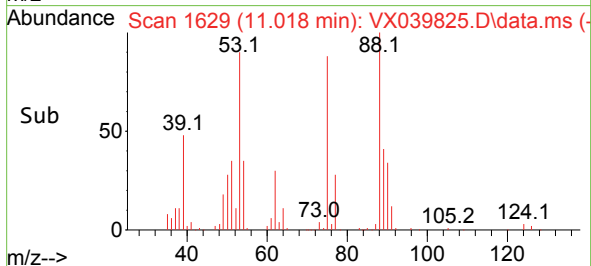
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



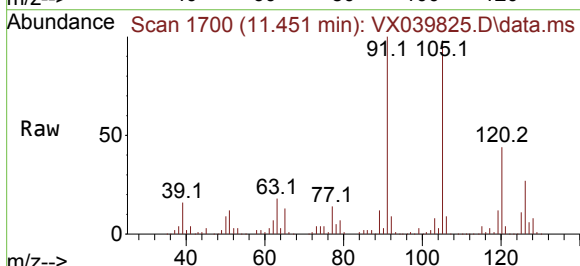
Tgt Ion: 75 Resp: 31978
Ion Ratio Lower Upper
75 100
53 107.8 90.5 135.7
89 45.4 36.9 55.3

Manual Integrations
APPROVED

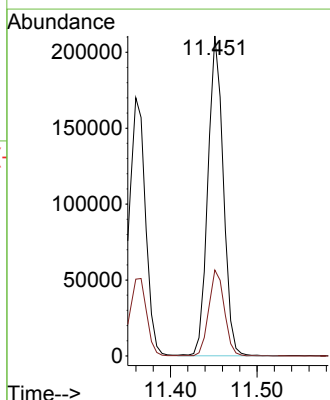
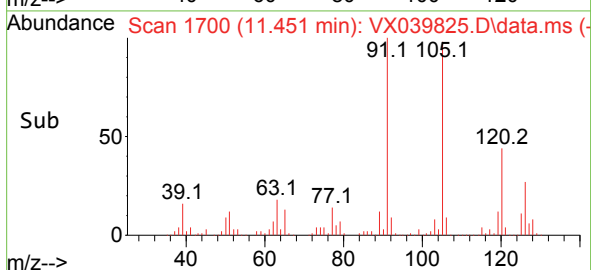
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024

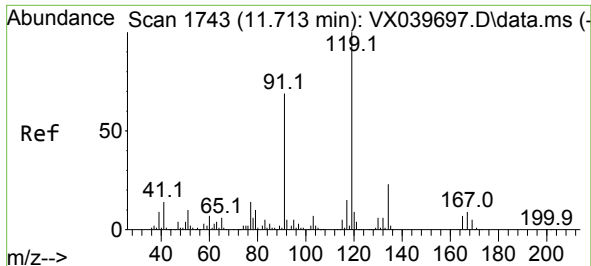


#82
4-Chlorotoluene
Concen: 49.382 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04



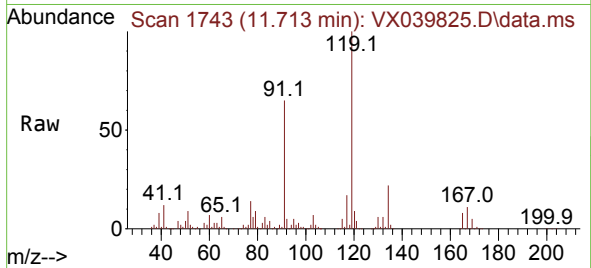
Tgt Ion: 91 Resp: 259757
Ion Ratio Lower Upper
91 100
126 27.4 14.2 42.6





#83
tert-Butylbenzene
Concen: 49.869 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

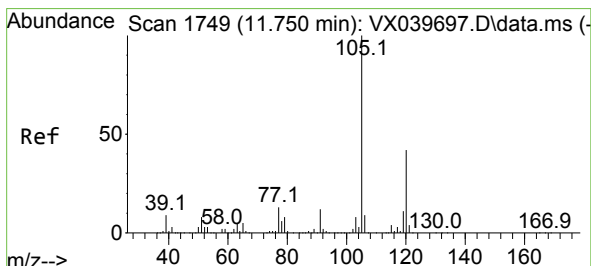
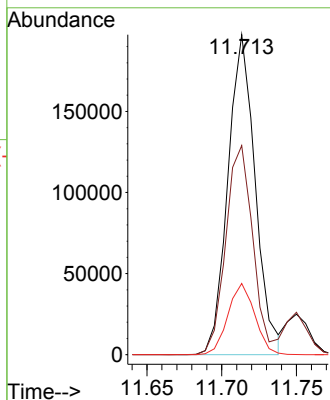
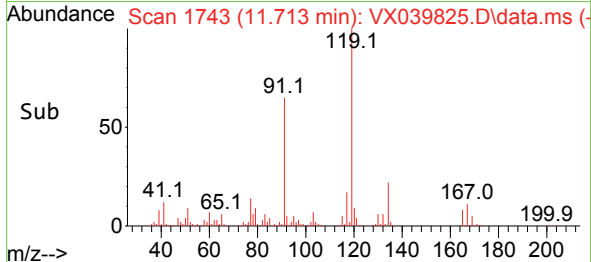
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



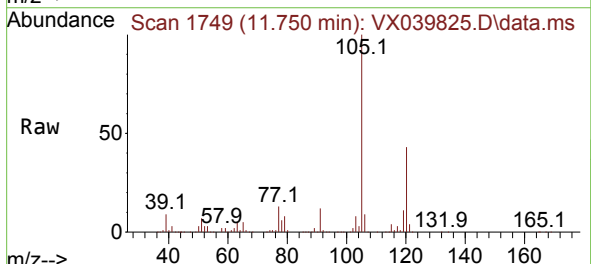
Tgt Ion:119 Resp: 250679
Ion Ratio Lower Upper
119 100
91 64.2 31.2 93.6
134 21.9 11.7 35.0

Manual Integrations
APPROVED

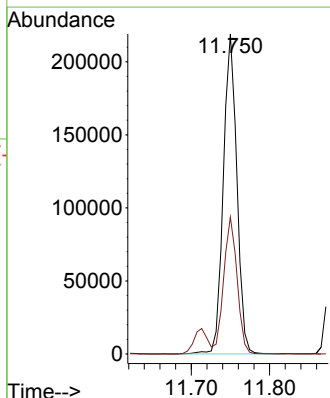
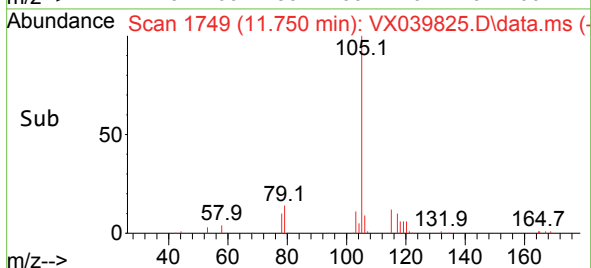
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024

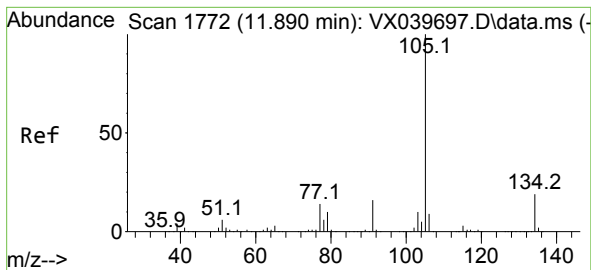


#84
1,2,4-Trimethylbenzene
Concen: 50.230 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04



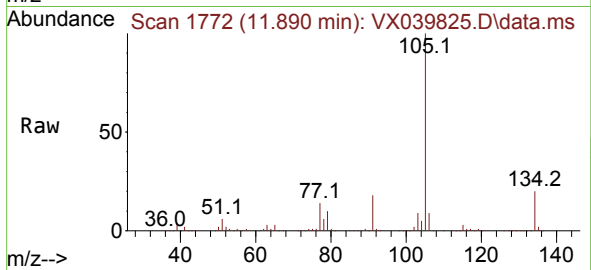
Tgt Ion:105 Resp: 263851
Ion Ratio Lower Upper
105 100
120 42.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 51.381 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039825.D
 Acq: 19 Jan 2024 09:04

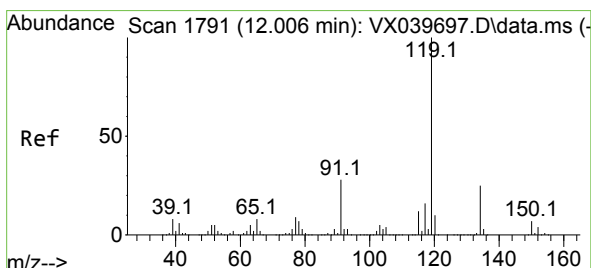
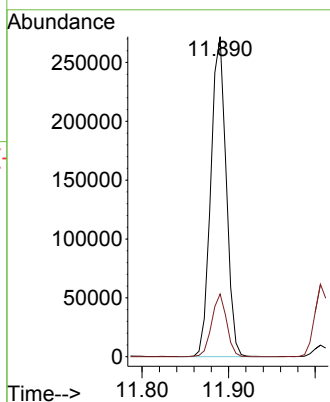
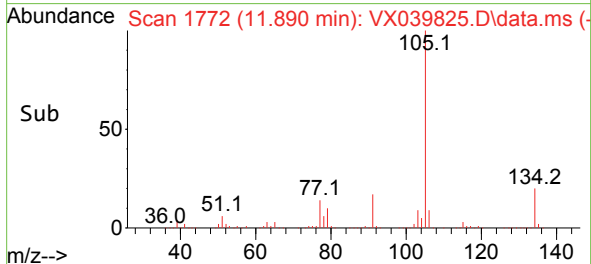
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



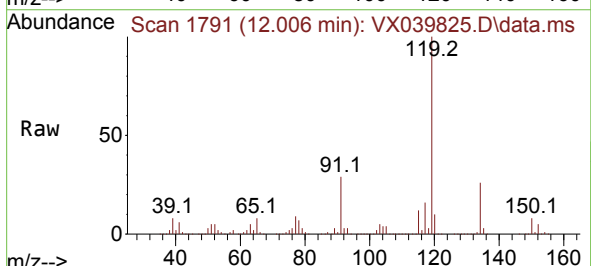
Tgt Ion:105 Resp: 335269
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4

Manual Integrations
 APPROVED

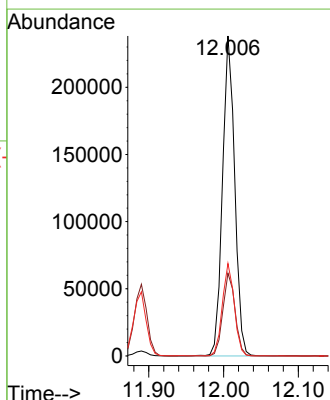
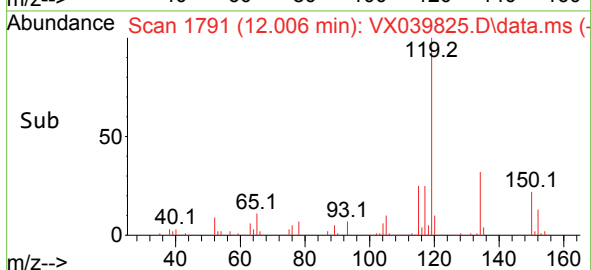
Reviewed By :John Carlone 01/22/2024
 Supervised By :Mahesh Dadoda 01/22/2024

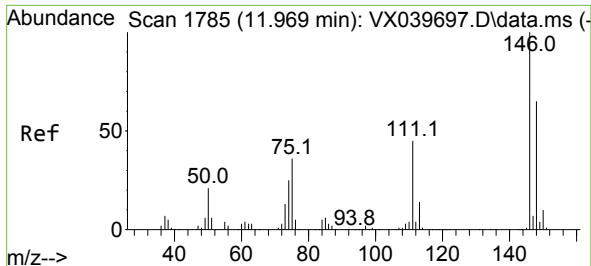


#86
 p-Isopropyltoluene
 Concen: 51.902 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039825.D
 Acq: 19 Jan 2024 09:04



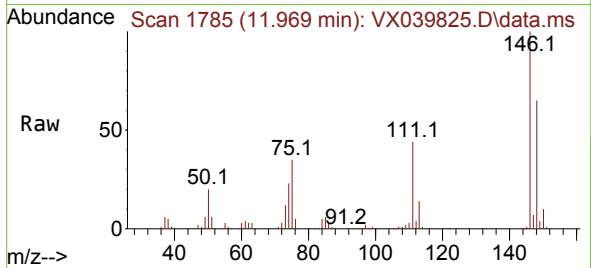
Tgt Ion:119 Resp: 270673
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 28.4 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 50.287 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

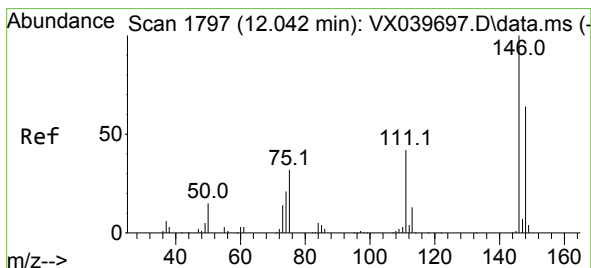
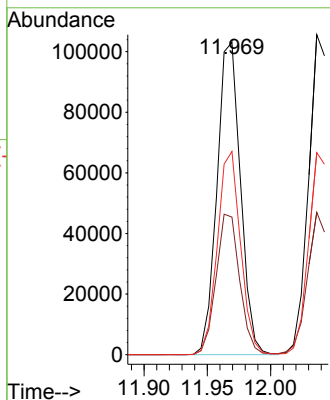
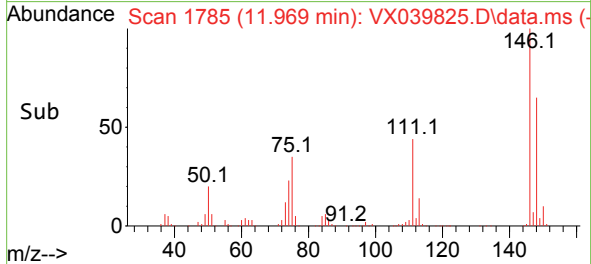
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



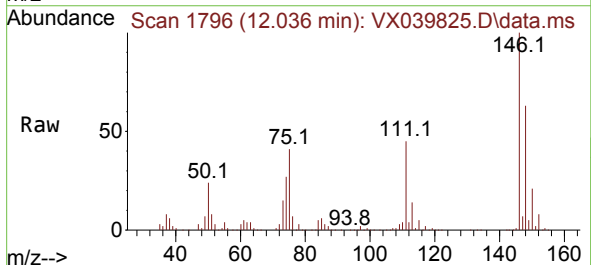
Tgt Ion:146 Resp: 133053
Ion Ratio Lower Upper
146 100
111 45.2 22.1 66.1
148 64.2 31.8 95.3

Manual Integrations
APPROVED

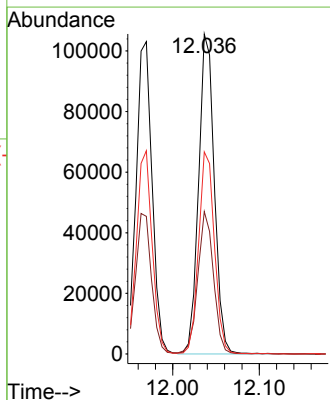
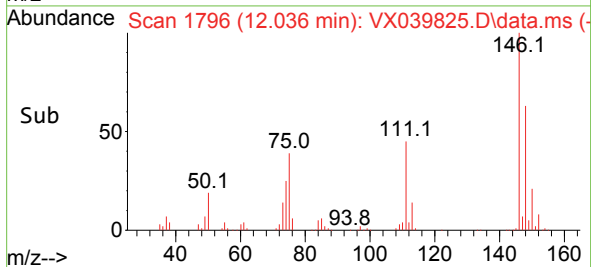
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024

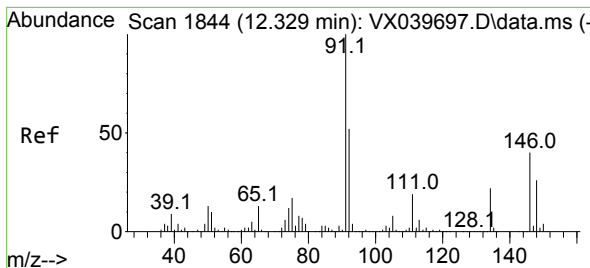


#88
1,4-Dichlorobenzene
Concen: 48.748 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04



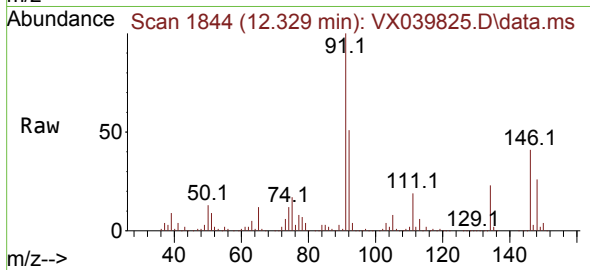
Tgt Ion:146 Resp: 133214
Ion Ratio Lower Upper
146 100
111 44.2 21.3 63.7
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 54.290 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

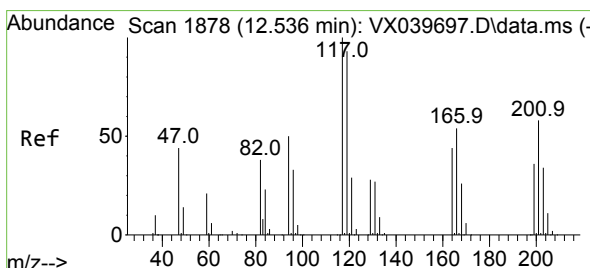
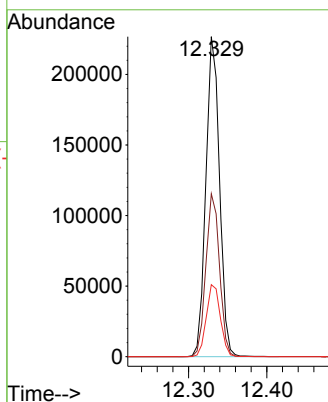
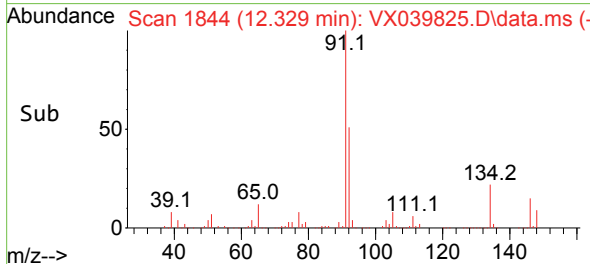
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 27345
Ion Ratio Lower Upper
91 100
92 51.1 27.4 82.0
134 23.2 12.6 37.8

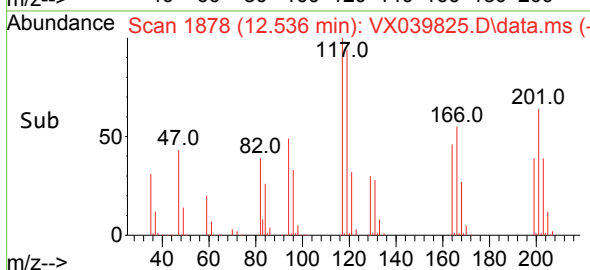
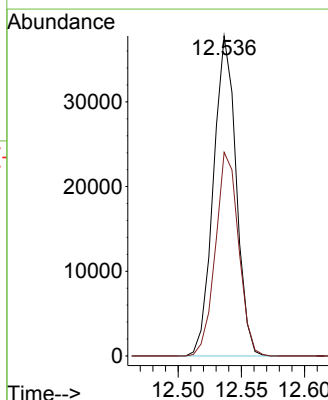
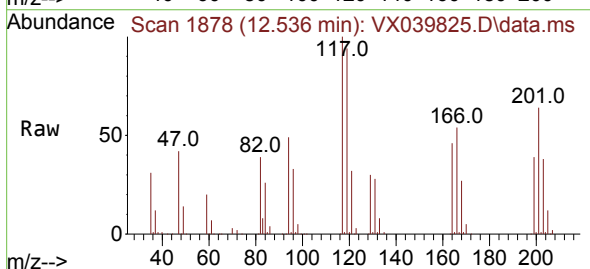
Manual Integrations
APPROVED

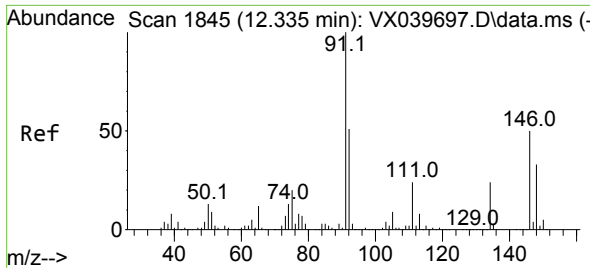
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024



#90
Hexachloroethane
Concen: 53.587 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

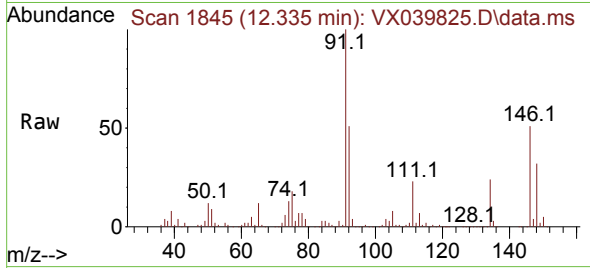
Tgt Ion:117 Resp: 47146
Ion Ratio Lower Upper
117 100
201 64.8 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 48.855 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

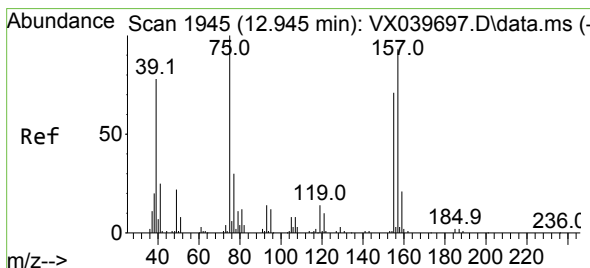
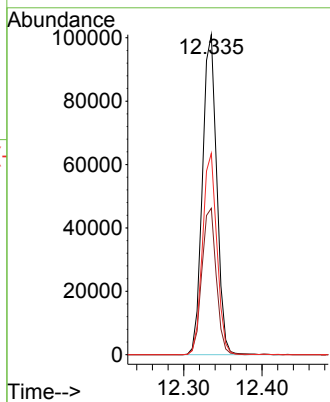
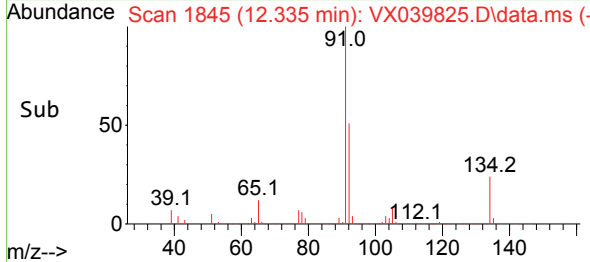
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



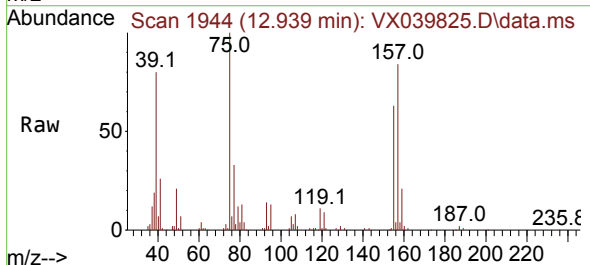
Tgt Ion:146 Resp: 127792
Ion Ratio Lower Upper
146 100
111 46.2 22.4 67.0
148 63.3 31.6 95.0

Manual Integrations
APPROVED

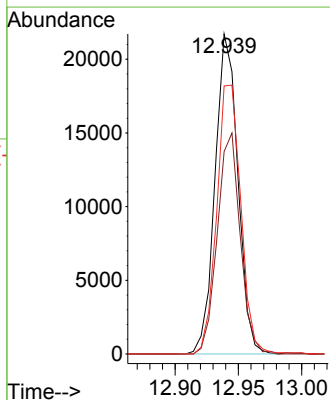
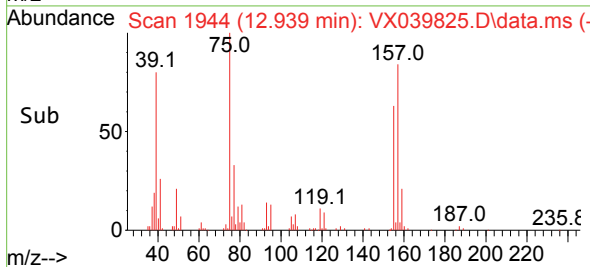
Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.889 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04



Tgt Ion: 75 Resp: 27199
Ion Ratio Lower Upper
75 100
155 69.3 36.1 108.5
157 88.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 52.248 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039825.D

Acq: 19 Jan 2024 09:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

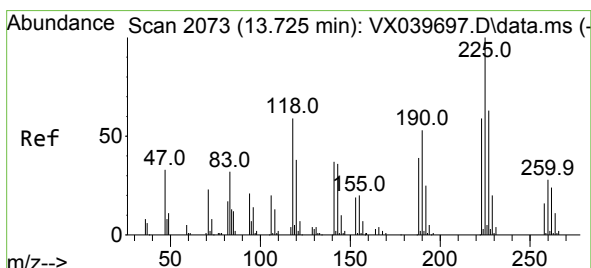
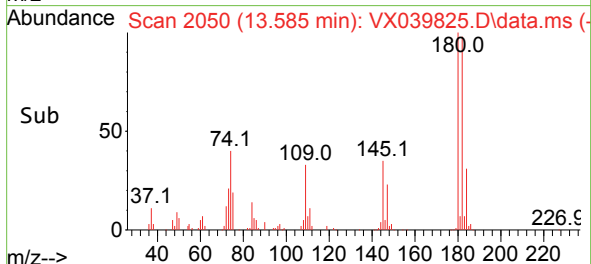
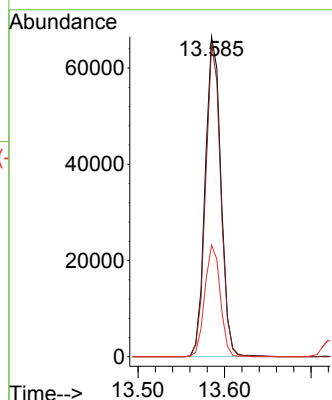
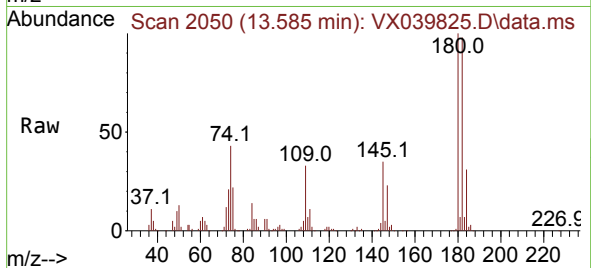
Tgt Ion:180	Resp:	83520
Ion Ratio	Lower	Upper
180	100	
182	94.8	48.3 144.8
145	34.4	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/22/2024

Supervised By :Mahesh Dadoda 01/22/2024



#94

Hexachlorobutadiene

Concen: 55.537 ug/l

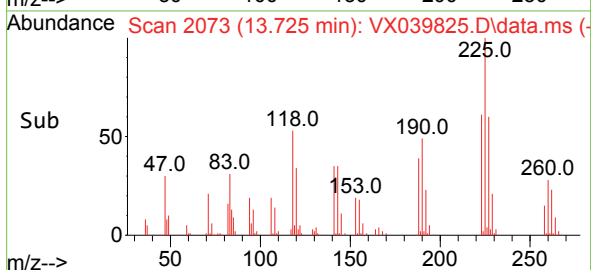
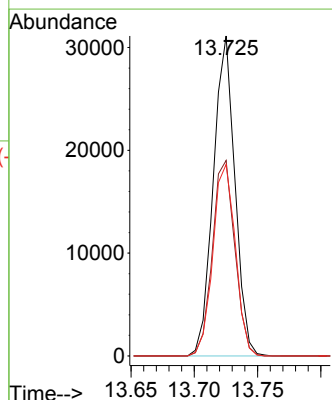
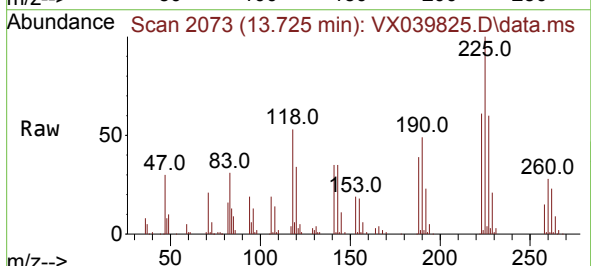
RT: 13.725 min Scan# 2073

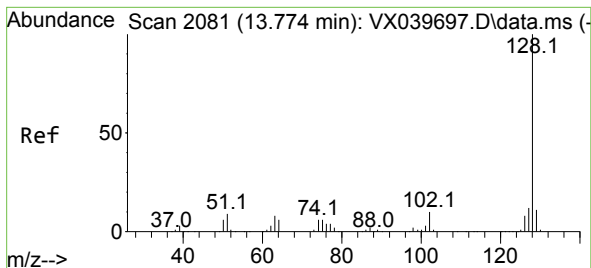
Delta R.T. 0.000 min

Lab File: VX039825.D

Acq: 19 Jan 2024 09:04

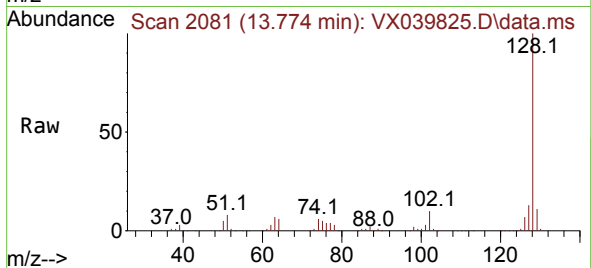
Tgt Ion:225	Resp:	36904
Ion Ratio	Lower	Upper
225	100	
223	63.5	31.1 93.2
227	62.2	32.5 97.5





#95
Naphthalene
Concen: 48.115 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04

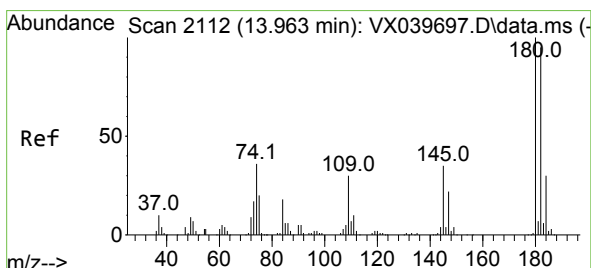
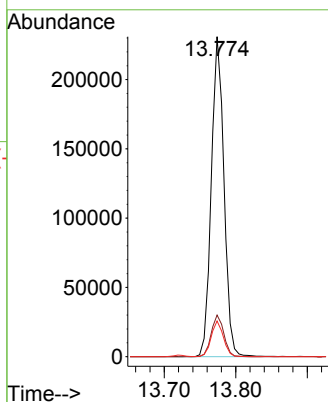
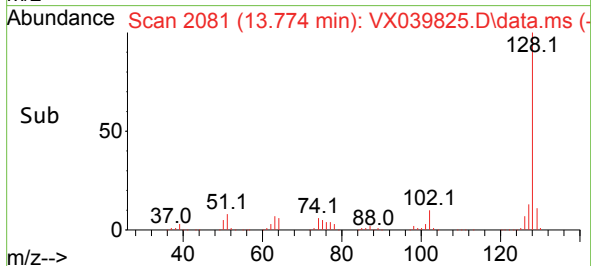
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



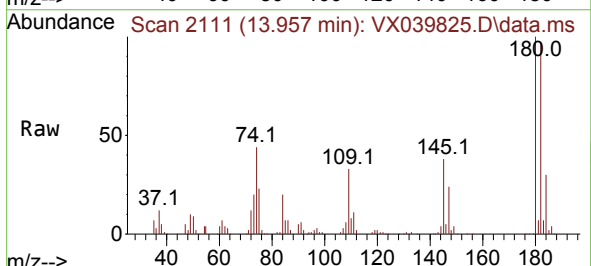
Tgt Ion:128 Resp: 283144
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/22/2024
Supervised By :Mahesh Dadoda 01/22/2024



#96
1,2,3-Trichlorobenzene
Concen: 49.671 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX039825.D
Acq: 19 Jan 2024 09:04



Tgt Ion:180 Resp: 80135
Ion Ratio Lower Upper
180 100
182 95.7 46.9 140.6
145 37.0 17.8 53.5

