

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010824\
 Data File : VX039667.D
 Acq On : 08 Jan 2024 17:30
 Operator : JC/MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC050

Quant Time: Jan 09 06:04:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jan 09 05:58:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/09/2024
 Supervised By : Mahesh Dadoda 01/09/2024

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

Internal Standards						
1) Bromochloromethane	4.897	128	8186	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	67650	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	83069	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	39273	30.602	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.000%			
60) 4-Bromofluorobenzene	11.079	95	54974	30.005	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.000%			
63) Toluene-d8	8.647	98	99868	29.241	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.467%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	70910	51.273	ug/l	96
3) Chloromethane	1.294	50	76225	49.609	ug/l	99
4) Vinyl Chloride	1.374	62	75884	50.604	ug/l	99
5) Bromomethane	1.593	94	33858	47.249	ug/l	99
6) Chloroethane	1.666	64	35664	52.370	ug/l	98
7) Trichlorofluoromethane	1.874	101	106070	50.091	ug/l	98
8) Diethyl Ether	2.136	74	38942	49.150	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	65034	50.143	ug/l	98
10) 1,1-Dichloroethene	2.312	96	61885	49.798	ug/l	99
11) Methyl Iodide	2.447	142	75761	55.634	ug/l	100
12) Methyl Acetate	2.703	43	99493	49.711	ug/l	99
13) Acrolein	2.233	56	69650	233.239	ug/l	100
14) Acrylonitrile	3.062	53	231335	252.045	ug/l	99
15) Acetone	2.380	58	72546	250.585	ug/l	87
16) Carbon Disulfide	2.508	76	170457	50.877	ug/l	97
17) Allyl chloride	2.660	41	125047	51.029	ug/l	95
18) Methylene Chloride	2.788	84	73096	50.317	ug/l	99
19) trans-1,2-Dichloroethene	3.087	96	65235	49.472	ug/l	98
20) Diisopropyl ether	3.757	45	237956	49.748	ug/l	99
21) 1,1-Dichloroethane	3.605	63	133961	50.160	ug/l	100
22) cis-1,2-Dichloroethene	4.483	96	77144	50.049	ug/l	96
23) tert-Butyl Alcohol	3.001	59	111236	257.323	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	227899	50.034	ug/l	98
25) Chloroform	5.092	83	130946	49.959	ug/l	95
26) Cyclohexane	5.464	56	116267	50.183	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	95300	49.089	ug/l	98
30) 2-Butanone	4.556	43	343713	246.852	ug/l	99
31) 2,2-Dichloropropane	4.471	77	108033	50.052	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	112462	50.122	ug/l	97
33) Carbon Tetrachloride	5.672	117	89994	50.878	ug/l	100
34) Benzene	6.037	78	282324	49.023	ug/l	98
35) Methacrylonitrile	4.922	41	66350	49.524	ug/l	98
36) 1,2-Dichloroethane	6.080	62	110009	48.713	ug/l	98
37) Trichloroethene	7.123	130	67451	49.296	ug/l	98
38) Methylcyclohexane	7.379	83	116997	49.257	ug/l	96
39) 1,2-Dichloropropane	7.427	63	74848	48.235	ug/l	98
40) Dibromomethane	7.580	93	52033	49.642	ug/l	98
41) Bromodichloromethane	7.818	83	98407	50.665	ug/l	100
42) Vinyl Acetate	3.721	43	1150714	249.951	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010824\
 Data File : VX039667.D
 Acq On : 08 Jan 2024 17:30
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

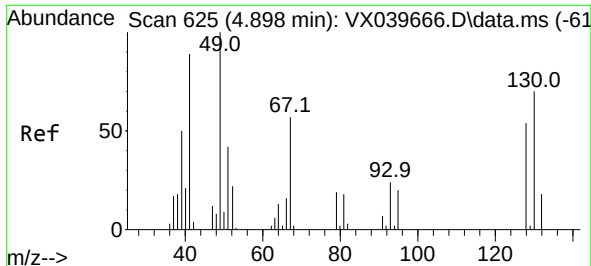
Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/09/2024
 Supervised By : Mahesh Dadoda 01/09/2024

Quant Time: Jan 09 06:04:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jan 09 05:58:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	127943	49.023	ug/l	99
44) Isopropyl Acetate	6.336	43	199214	49.377	ug/l	99
45) 1,4-Dioxane	7.665	88	39117	1005.635	ug/l	98
46) Methyl methacrylate	7.690	41	96742	49.927	ug/l	98
47) n-amyl Acetate	10.841	43	182740	51.863	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	107288	51.323	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	117023	51.115	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	69920	48.664	ug/l	99
51) Ethyl methacrylate	9.116	69	122890	51.202	ug/l	99
52) 1,3-Dichloropropane	9.305	76	122445	49.385	ug/l	99
53) Dibromochloromethane	9.519	129	69237	51.781	ug/l	99
54) 1,2-Dibromoethane	9.610	107	75425	50.090	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	293926	251.675	ug/l	99
56) Bromoform	10.799	173	47922	53.210	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	666249	243.833	ug/l	99
59) 2-Hexanone	9.433	43	540321	244.289	ug/l	97
61) Tetrachloroethene	9.275	164	52874	48.051	ug/l	97
62) Toluene	8.714	91	299109	48.570	ug/l	99
64) Chlorobenzene	10.079	112	175575	49.036	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	63308	49.734	ug/l	99
66) Ethyl Benzene	10.189	91	334306	49.438	ug/l	97
67) m/p-Xylenes	10.299	106	247027	100.010	ug/l	98
68) o-Xylene	10.640	106	121478	48.988	ug/l	96
69) Styrene	10.652	104	200818	50.656	ug/l	98
70) Isopropylbenzene	10.963	105	323687	49.456	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	122092	48.567	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	105923m	49.399	ug/l	
73) Bromobenzene	11.195	156	69994	48.438	ug/l	94
74) n-propylbenzene	11.305	91	395241	50.648	ug/l	100
75) 2-Chlorotoluene	11.360	91	240863	49.683	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	279799	50.041	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	36197	52.457	ug/l	88
78) 4-Chlorotoluene	11.451	91	268969	50.021	ug/l	97
79) tert-butylbenzene	11.713	119	265832	50.176	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	278629	50.212	ug/l	97
81) sec-Butylbenzene	11.890	105	345595	50.756	ug/l	99
82) p-Isopropyltoluene	12.006	119	275268	50.797	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	133288	49.351	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	133481	49.829	ug/l	99
85) n-Butylbenzene	12.329	91	257527	51.924	ug/l	98
86) Hexachloroethane	12.536	117	47975	51.747	ug/l	95
87) 1,2-Dichlorobenzene	12.335	146	132037	48.783	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	30792	51.154	ug/l	94
89) 1,2,4-Trichlorobenzene	13.585	180	76465	50.108	ug/l	98
90) Hexachlorobutadiene	13.725	225	32437	48.556	ug/l	98
91) Naphthalene	13.774	128	302882	50.874	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	79392	50.248	ug/l	97

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



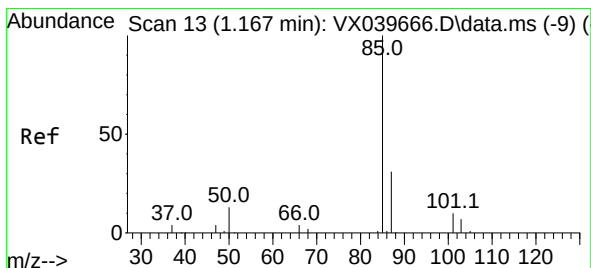
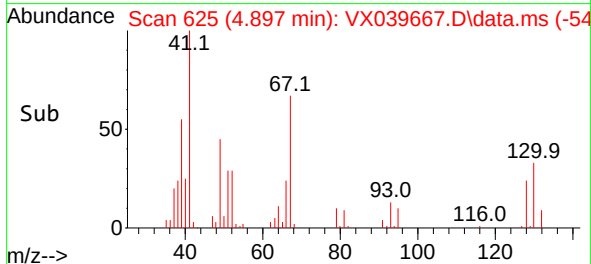
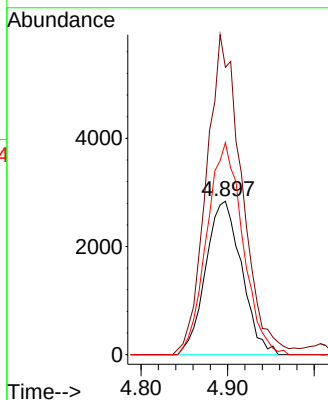
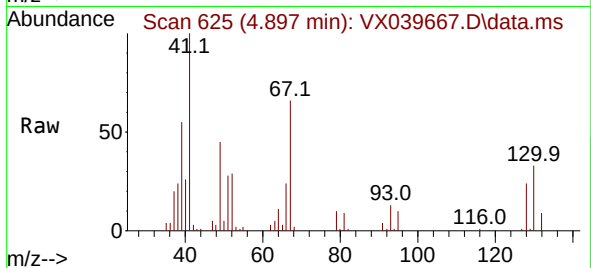
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 8180
Ion Ratio Lower Upper
128 100
49 205.3 0.0 444.0
130 138.4 0.0 297.8

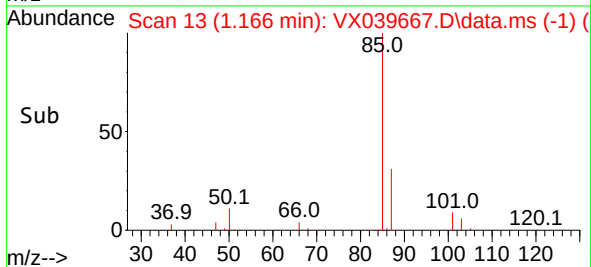
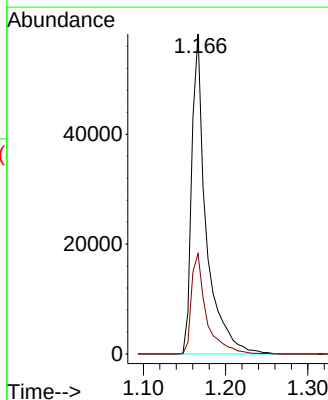
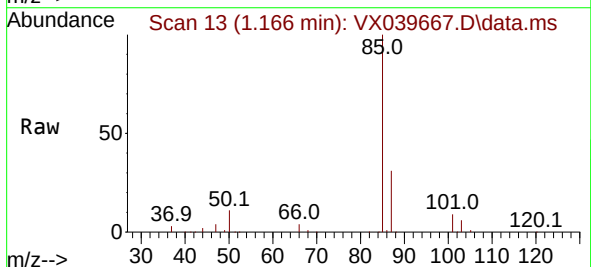
Manual Integrations
APPROVED

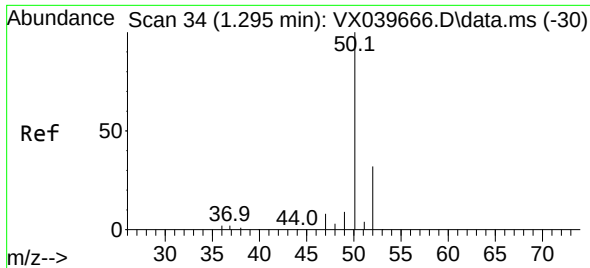
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#2
Dichlorodifluoromethane
Concen: 51.273 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Tgt Ion: 85 Resp: 70910
Ion Ratio Lower Upper
85 100
87 31.4 16.7 50.1





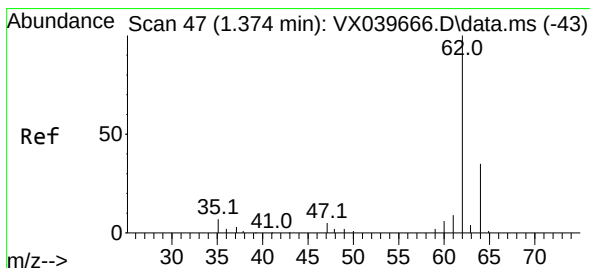
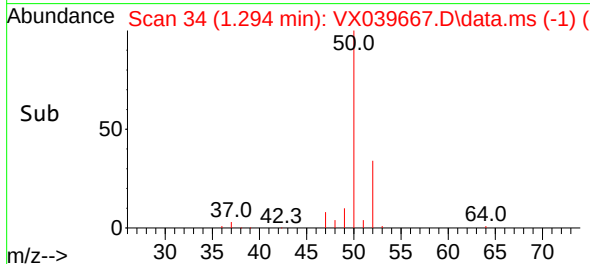
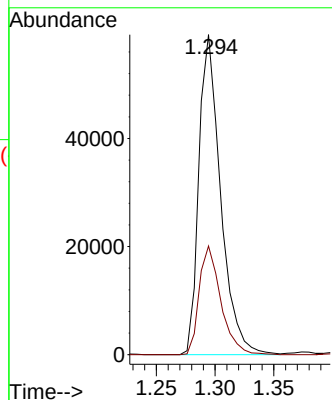
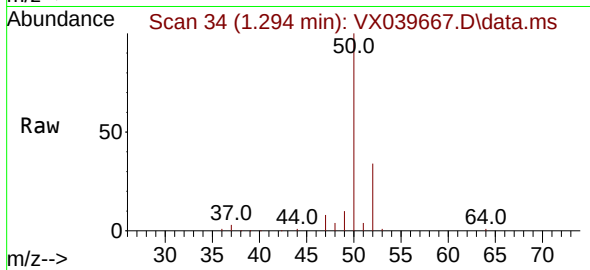
#3
Chloromethane
Concen: 49.609 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 50 Resp: 76225
Ion Ratio Lower Upper
50 100
52 33.9 27.8 41.8

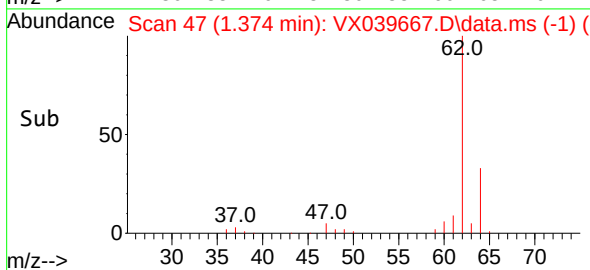
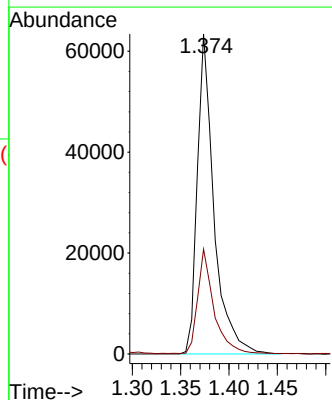
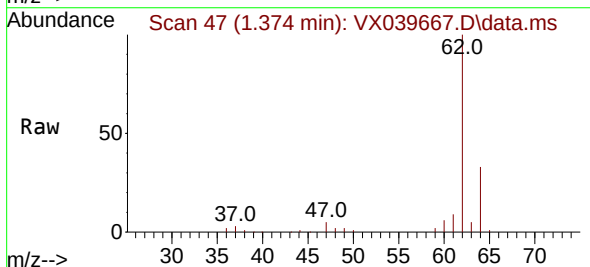
Manual Integrations
APPROVED

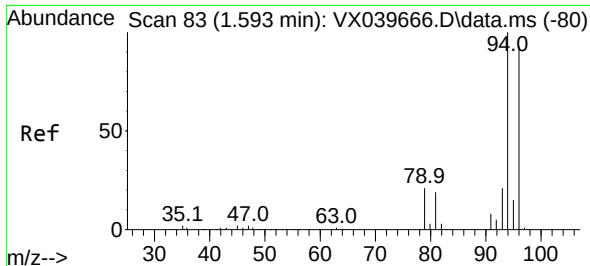
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#4
Vinyl Chloride
Concen: 50.604 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Tgt Ion: 62 Resp: 75884
Ion Ratio Lower Upper
62 100
64 32.6 26.3 39.5





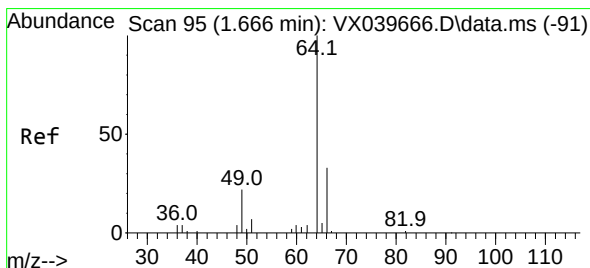
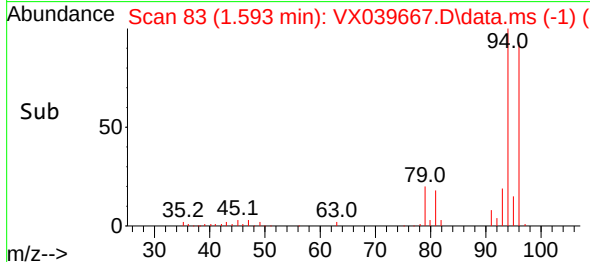
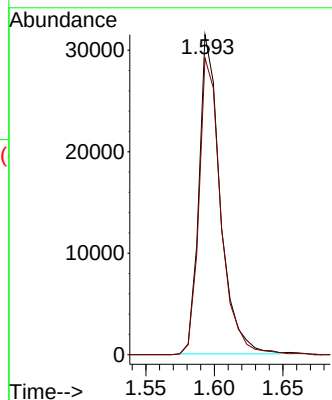
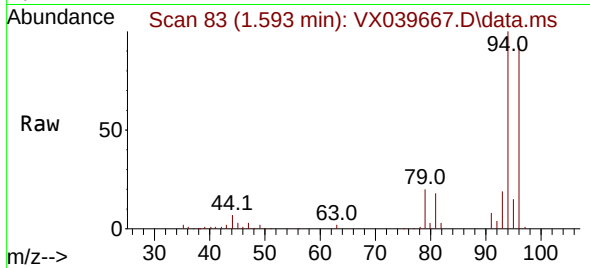
#5
Bromomethane
Concen: 47.249 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Instrument :
MSVOA_X
Client Sample Id :
VSTDIC050

Tgt Ion: 94 Resp: 3385
Ion Ratio Lower Upper
94 100
96 92.6 74.9 112.3

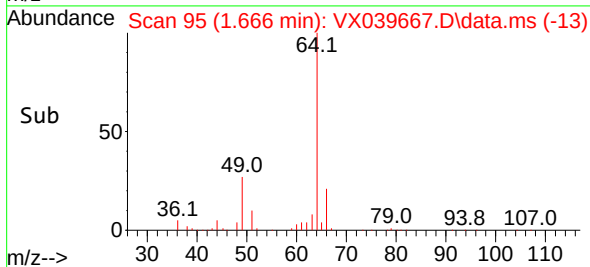
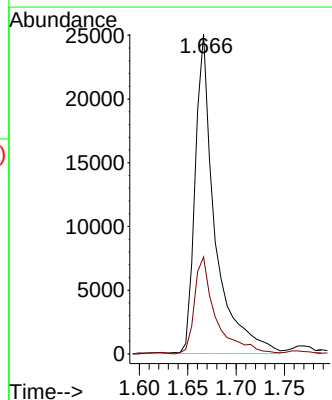
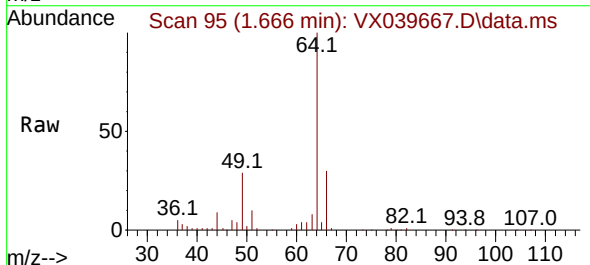
Manual Integrations
APPROVED

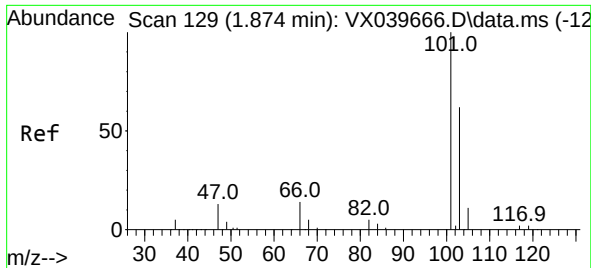
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#6
Chloroethane
Concen: 52.370 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

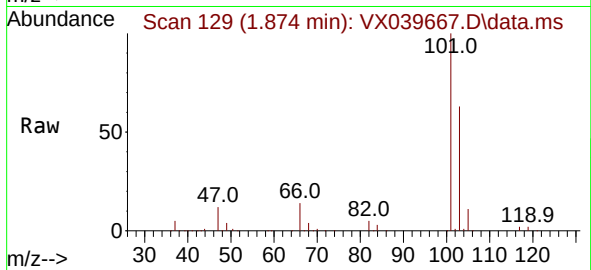
Tgt Ion: 64 Resp: 35664
Ion Ratio Lower Upper
64 100
66 30.1 25.0 37.6





#7
Trichlorofluoromethane
Concen: 50.091 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

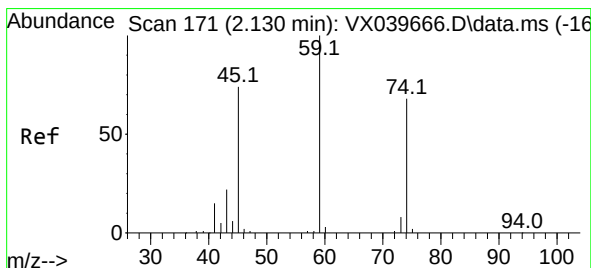
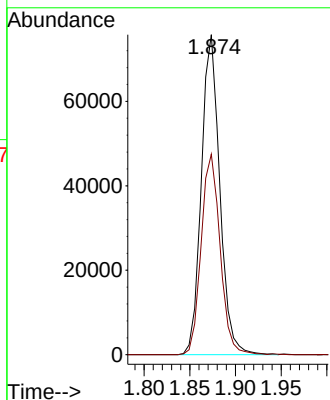
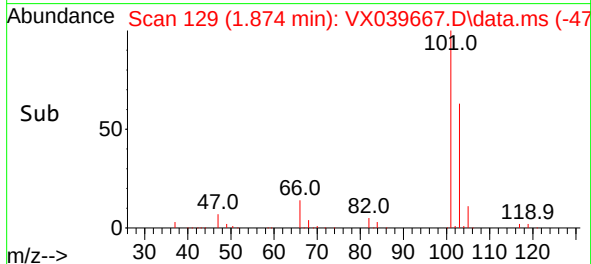
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



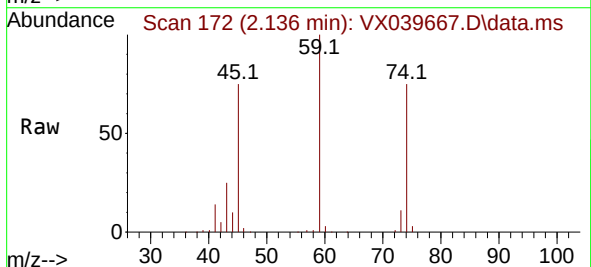
Tgt Ion:101 Resp: 106070
Ion Ratio Lower Upper
101 100
103 62.6 49.1 73.7

Manual Integrations
APPROVED

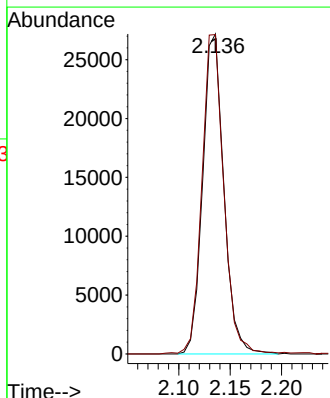
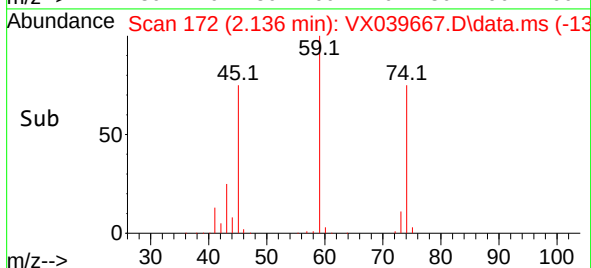
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

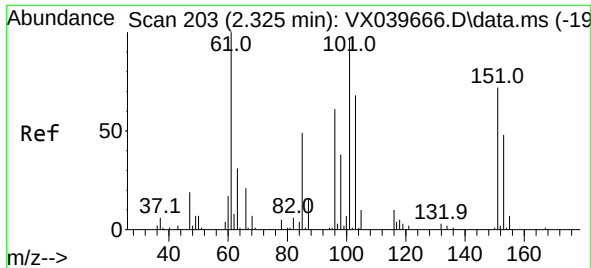


#8
Diethyl Ether
Concen: 49.150 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30



Tgt Ion: 74 Resp: 38942
Ion Ratio Lower Upper
74 100
45 102.8 20.5 184.5





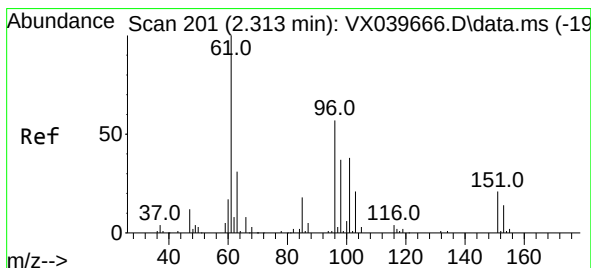
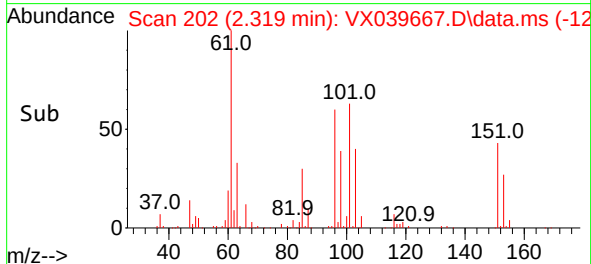
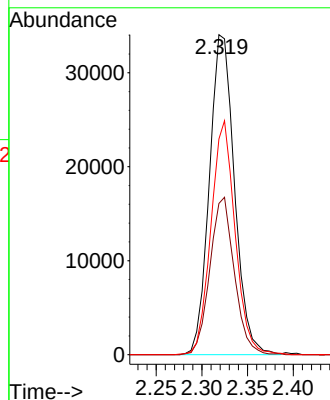
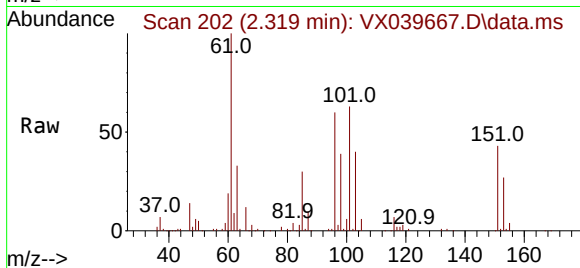
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.143 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Instrument :
MSVOA_X
Client Sample Id :
VSTDICC050

Tgt Ion: 101 Resp: 65034
Ion Ratio Lower Upper
101 100
85 47.9 0.0 95.2
151 70.4 0.0 136.8

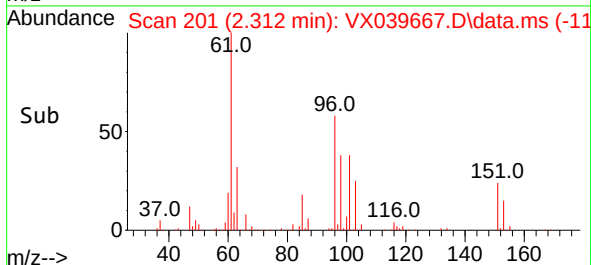
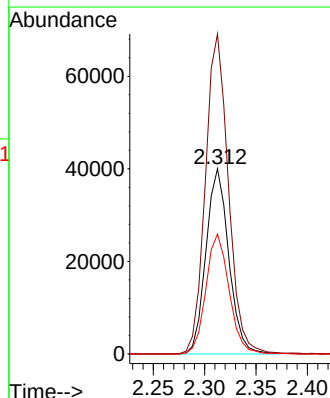
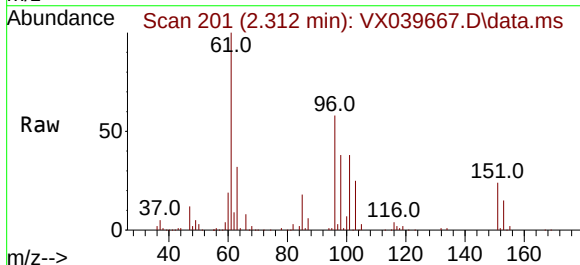
Manual Integrations
APPROVED

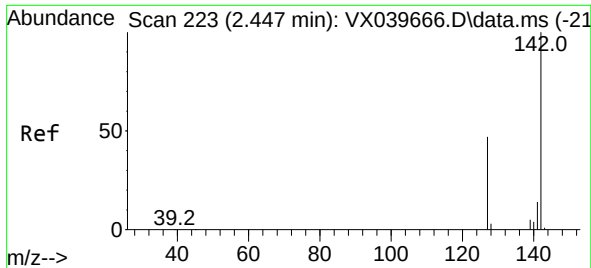
Reviewed By : John Carlone 01/09/2024
Supervised By : Mahesh Dadoda 01/09/2024



#10
1,1-Dichloroethene
Concen: 49.798 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.001 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

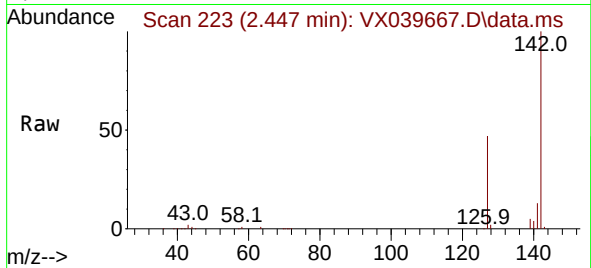
Tgt Ion: 96 Resp: 61885
Ion Ratio Lower Upper
96 100
61 172.4 138.3 207.5
98 64.8 49.8 74.6





#11
Methyl Iodide
Concen: 55.634 ug/l
RT: 2.447 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

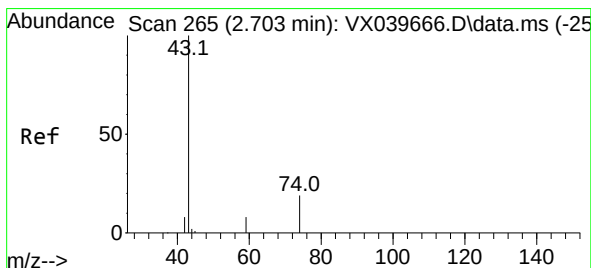
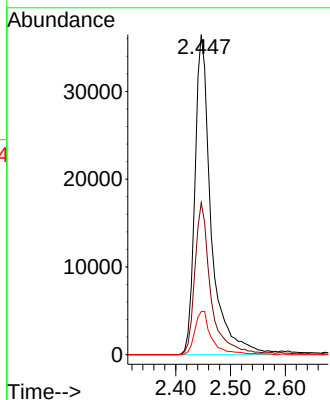
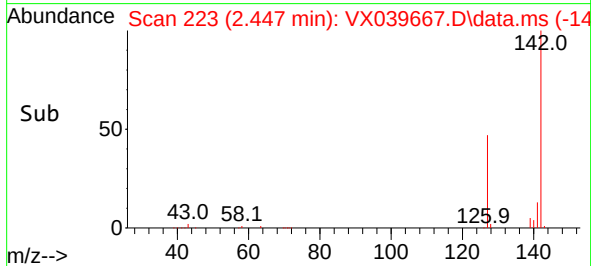
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion:142 Resp: 7576
Ion Ratio Lower Upper
142 100
127 47.4 23.8 71.4
141 13.5 6.9 20.6

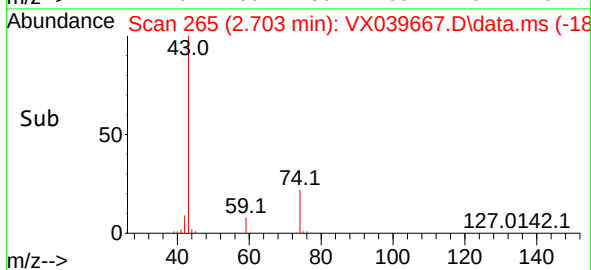
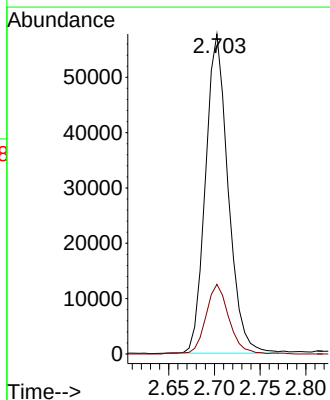
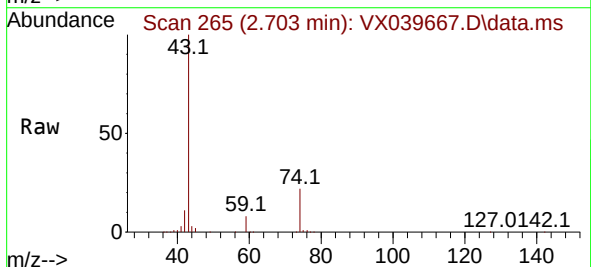
Manual Integrations
APPROVED

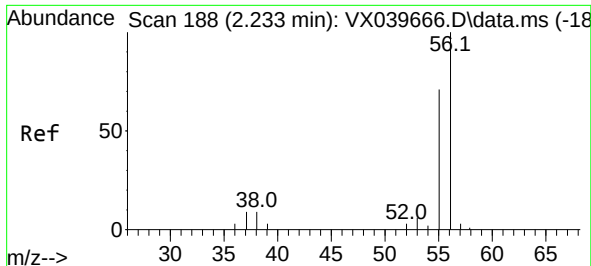
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#12
Methyl Acetate
Concen: 49.711 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

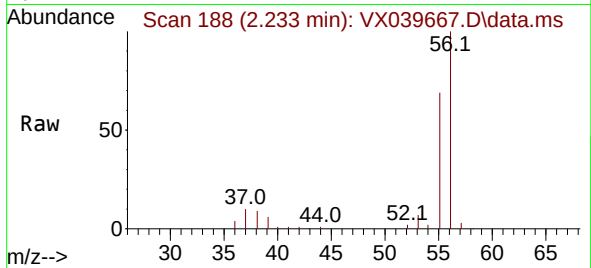
Tgt Ion: 43 Resp: 99493
Ion Ratio Lower Upper
43 100
74 21.6 17.8 26.6





#13
Acrolein
Concen: 233.239 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

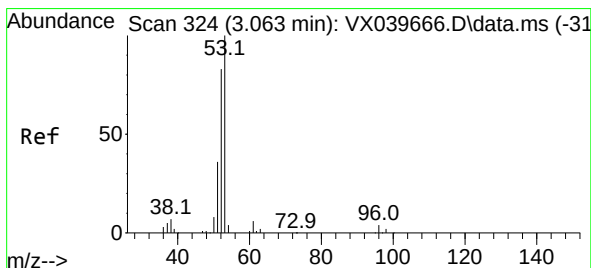
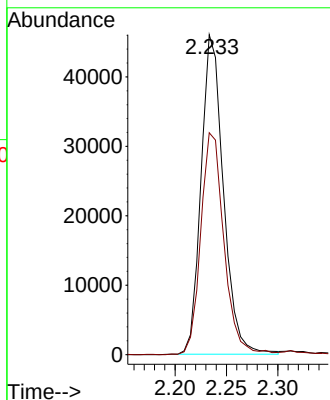
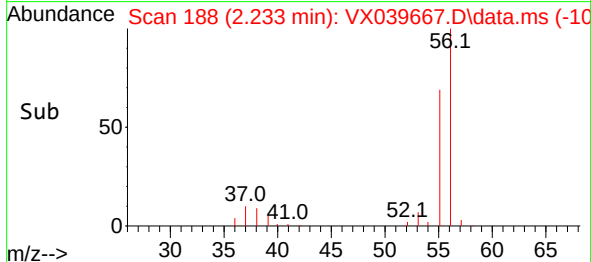
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



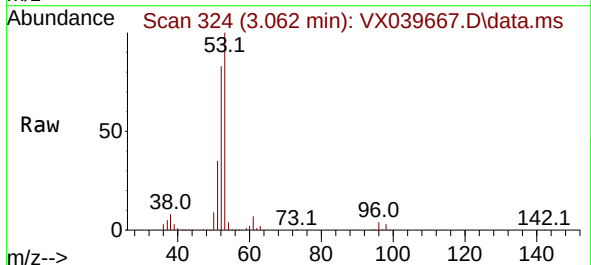
Tgt Ion: 56 Resp: 69650
Ion Ratio Lower Upper
56 100
55 71.7 57.2 85.8

Manual Integrations
APPROVED

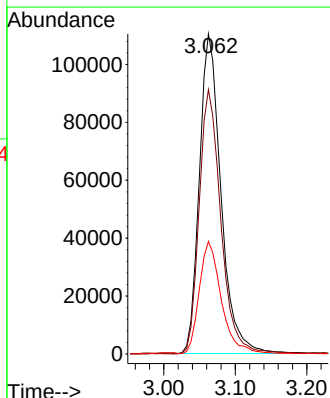
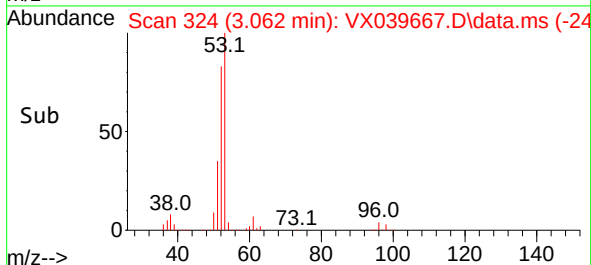
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

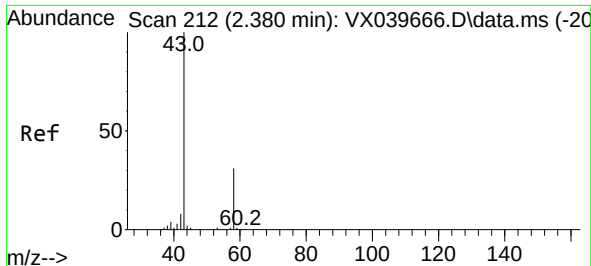


#14
Acrylonitrile
Concen: 252.045 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.001 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30



Tgt Ion: 53 Resp: 231335
Ion Ratio Lower Upper
53 100
52 83.2 41.9 125.6
51 36.1 18.3 54.9





#15

Acetone

Concen: 250.585 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 58 Resp: 72540

Ion Ratio Lower Upper

58 100

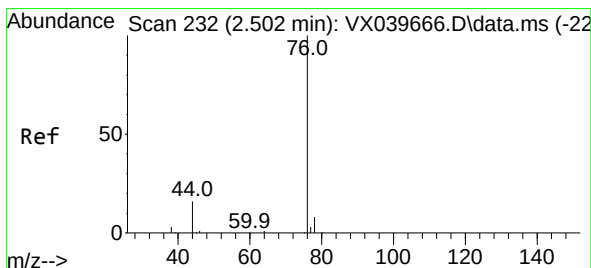
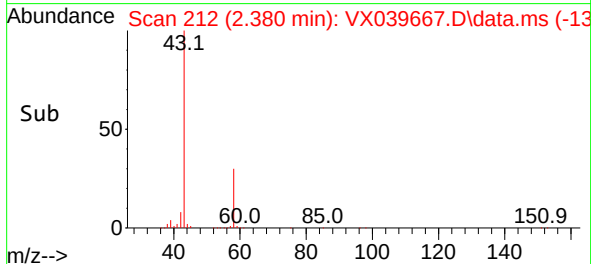
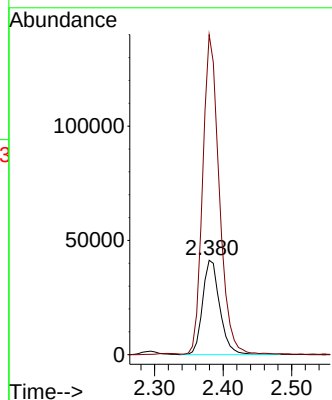
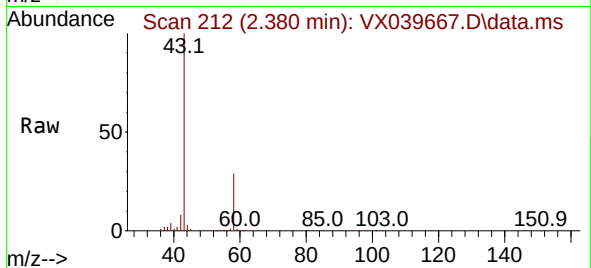
43 338.6 249.9 374.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#16

Carbon Disulfide

Concen: 50.877 ug/l

RT: 2.508 min Scan# 233

Delta R.T. 0.006 min

Lab File: VX039667.D

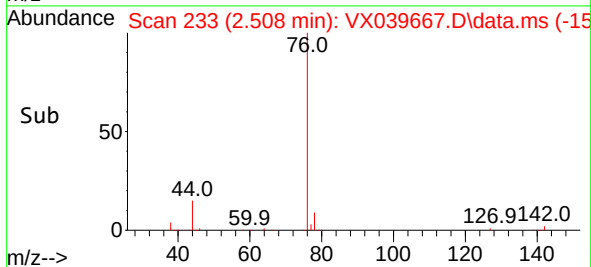
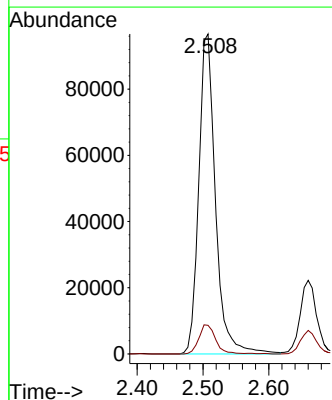
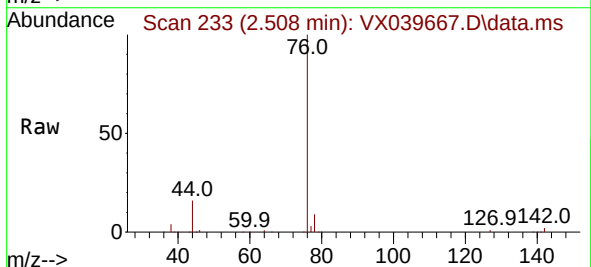
Acq: 08 Jan 2024 17:30

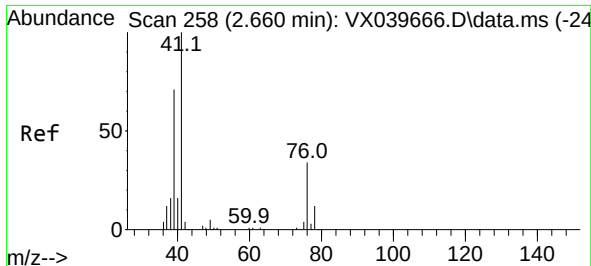
Tgt Ion: 76 Resp: 170457

Ion Ratio Lower Upper

76 100

78 9.0 8.0 12.0





#17

Allyl chloride

Concen: 51.029 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

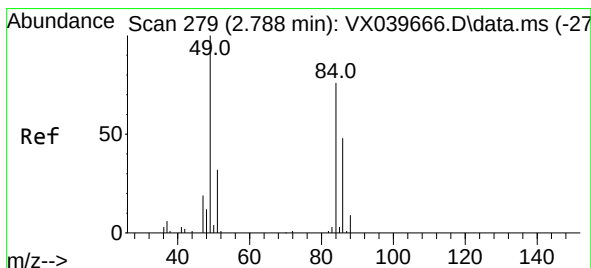
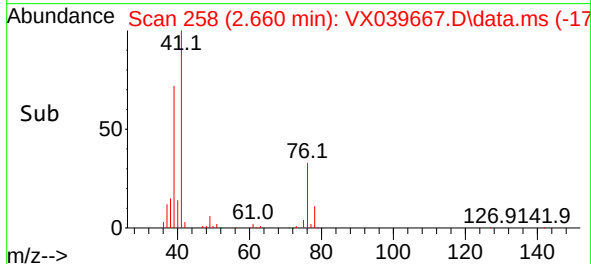
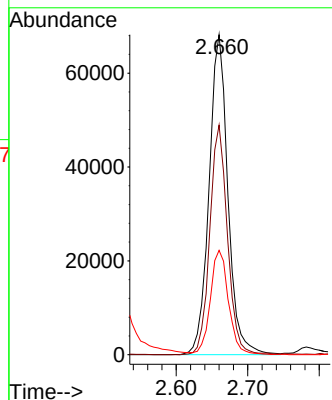
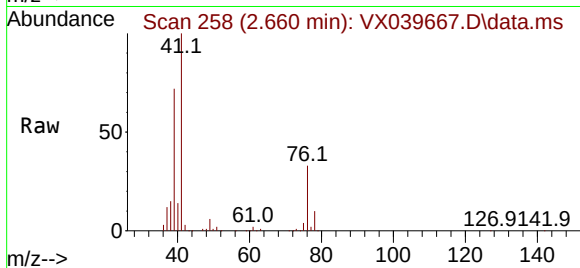
Tgt Ion:	41	Resp:	12504
Ion	Ratio	Lower	Upper
41	100		
39	71.7	36.5	109.5
76	32.5	19.7	59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#18

Methylene Chloride

Concen: 50.317 ug/l

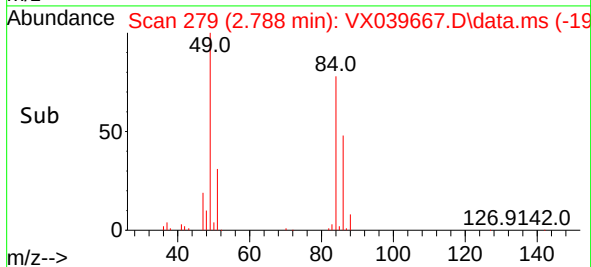
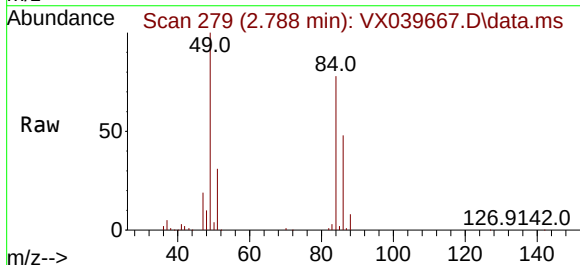
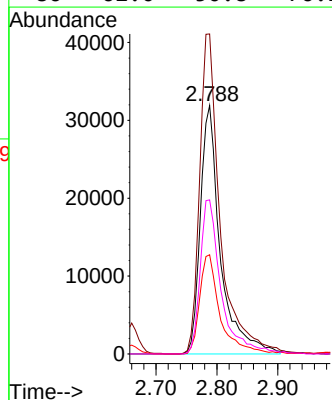
RT: 2.788 min Scan# 279

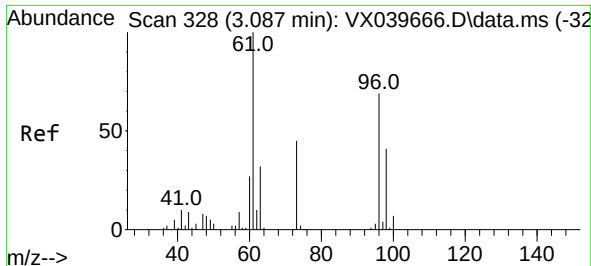
Delta R.T. 0.000 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

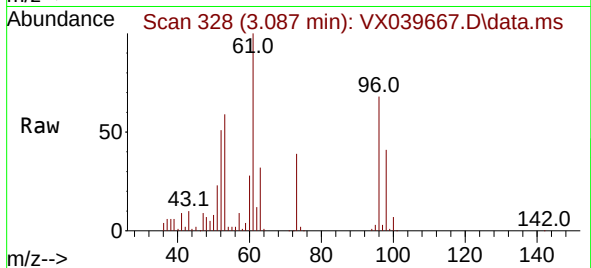
Tgt Ion:	84	Resp:	73096
Ion	Ratio	Lower	Upper
84	100		
49	128.8	103.8	155.8
51	39.9	31.8	47.6
86	62.0	50.8	76.2





#19
trans-1,2-Dichloroethene
Concen: 49.472 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

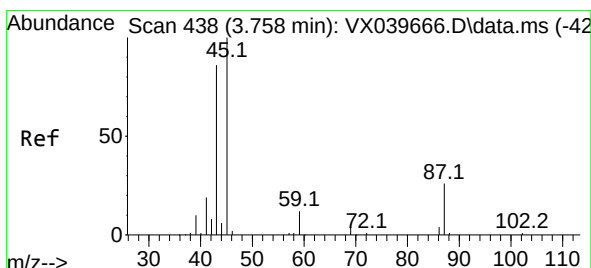
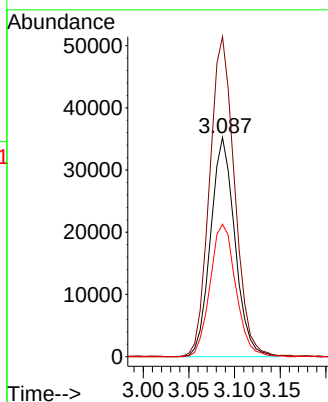
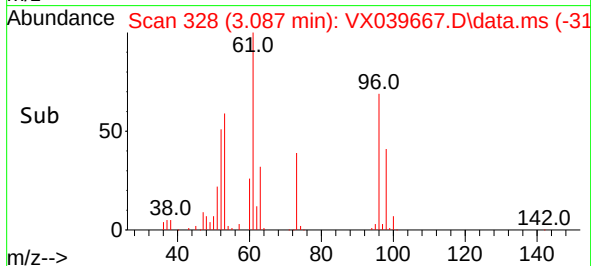
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 96 Resp: 6523
Ion Ratio Lower Upper
96 100
61 146.0 117.9 176.9
98 60.4 51.0 76.6

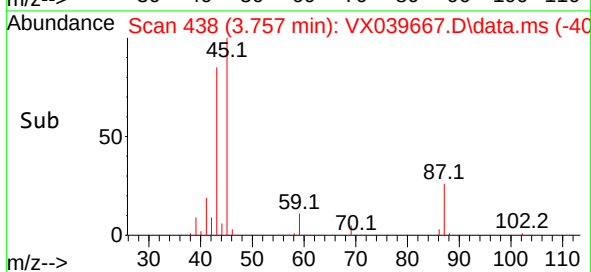
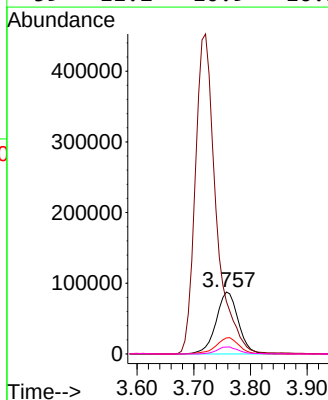
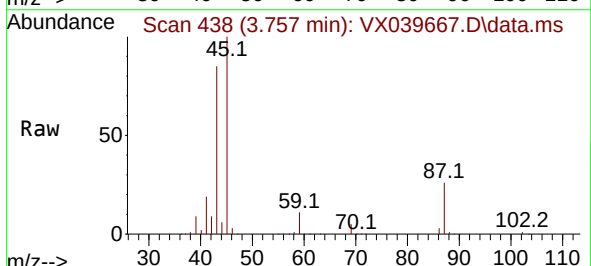
Manual Integrations
APPROVED

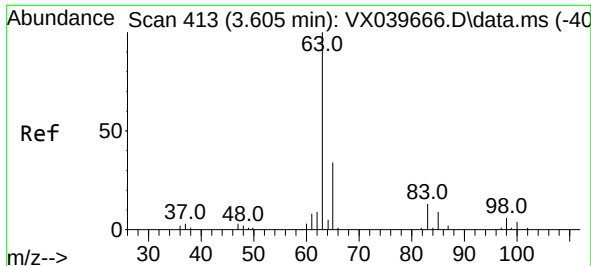
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#20
Diisopropyl ether
Concen: 49.748 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.001 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Tgt Ion: 45 Resp: 237956
Ion Ratio Lower Upper
45 100
43 84.2 67.7 101.5
87 25.8 21.5 32.3
59 11.2 10.9 16.3





#21

1,1-Dichloroethane

Concen: 50.160 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 63 Resp: 13396

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

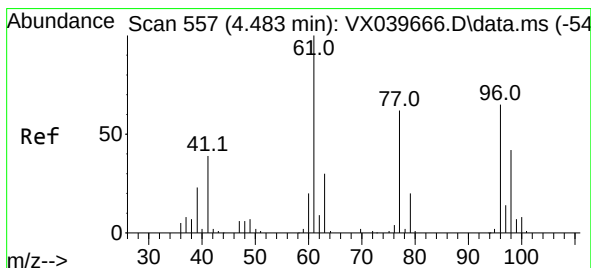
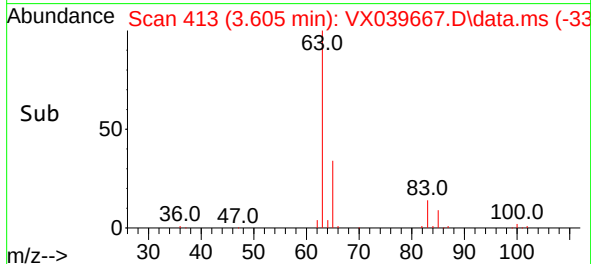
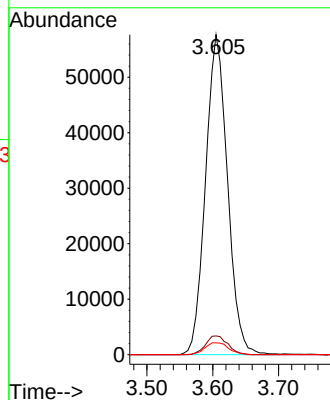
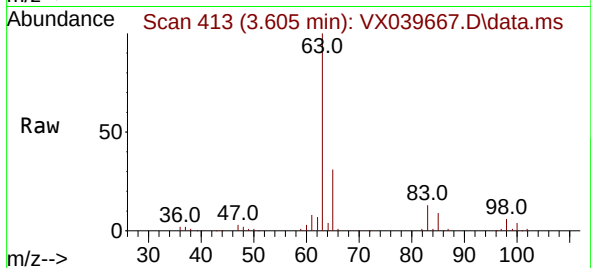
100 3.7 2.0 5.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#22

cis-1,2-Dichloroethene

Concen: 50.049 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

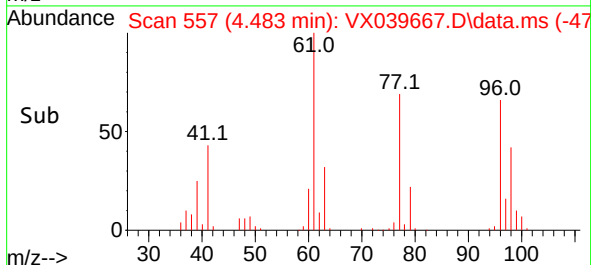
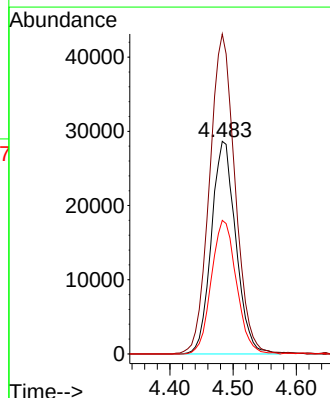
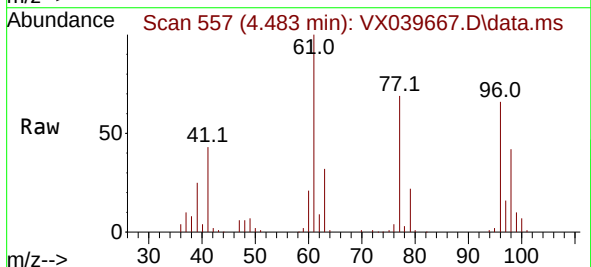
Tgt Ion: 96 Resp: 77144

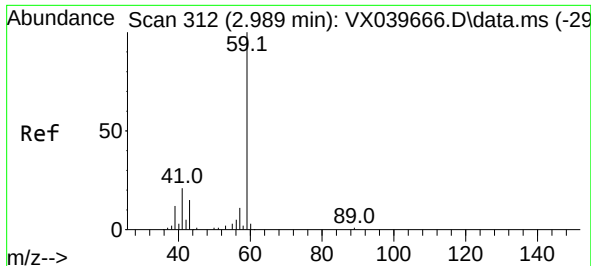
Ion Ratio Lower Upper

96 100

61 156.4 119.8 179.6

98 64.0 50.9 76.3





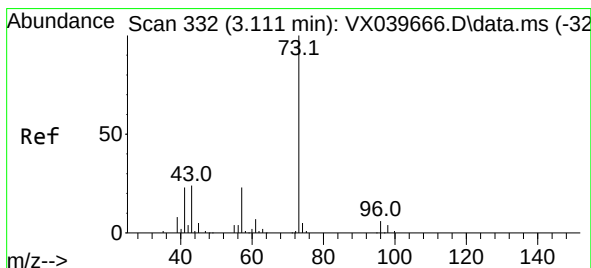
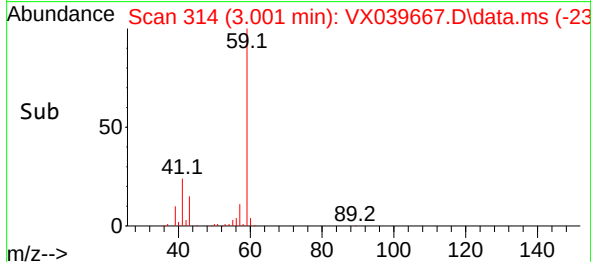
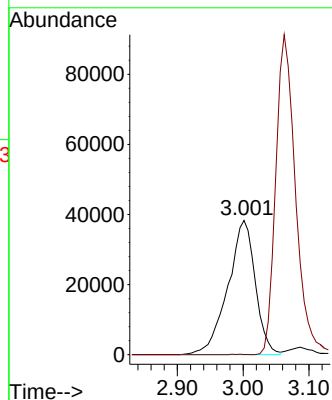
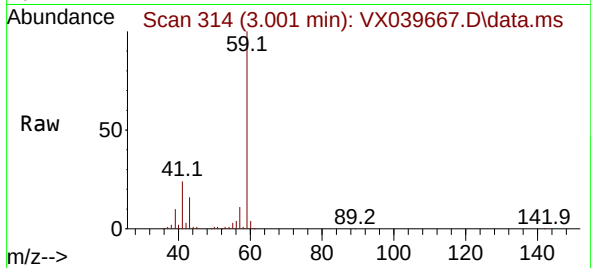
#23
tert-Butyl Alcohol
Concen: 257.323 ug/l
RT: 3.001 min Scan# 312
Delta R.T. 0.012 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 59 Resp: 111230
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

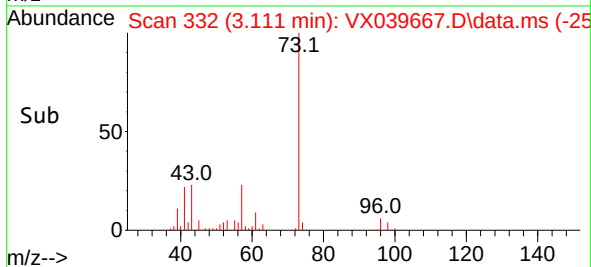
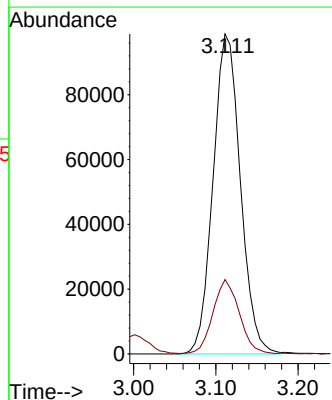
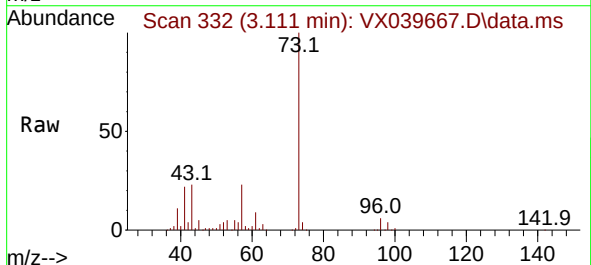
Manual Integrations
APPROVED

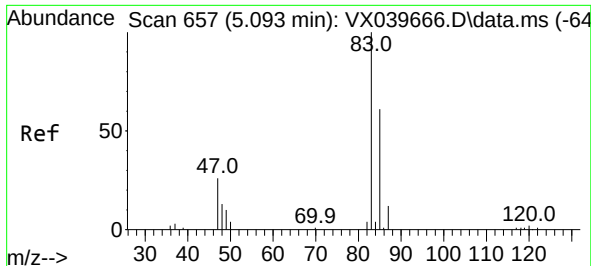
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#24
Methyl tert-Butyl Ether
Concen: 50.034 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Tgt Ion: 73 Resp: 227899
Ion Ratio Lower Upper
73 100
43 22.4 17.0 25.6





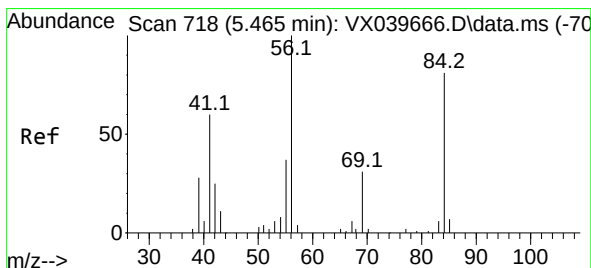
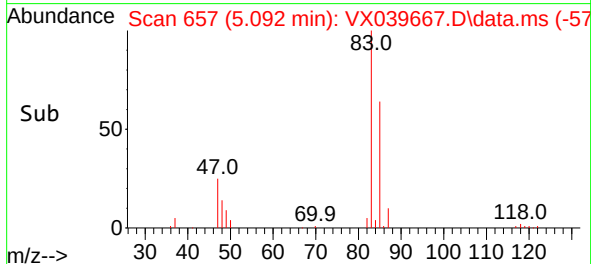
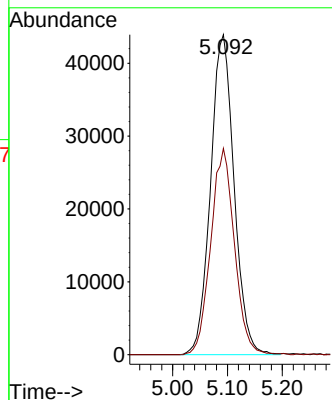
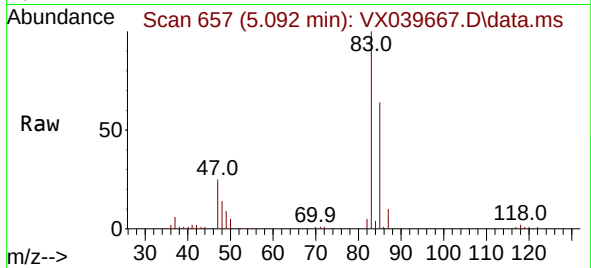
#25
Chloroform
Concen: 49.959 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 83 Resp: 130940
Ion Ratio Lower Upper
83 100
85 64.4 54.6 81.8

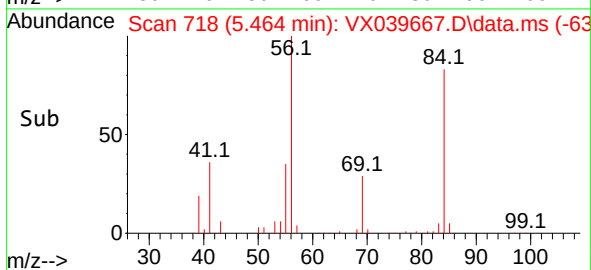
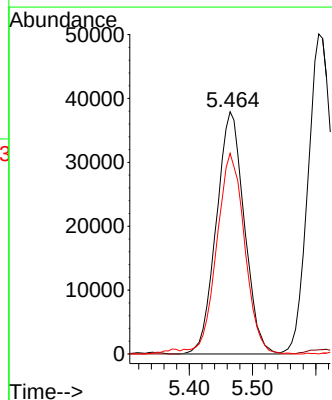
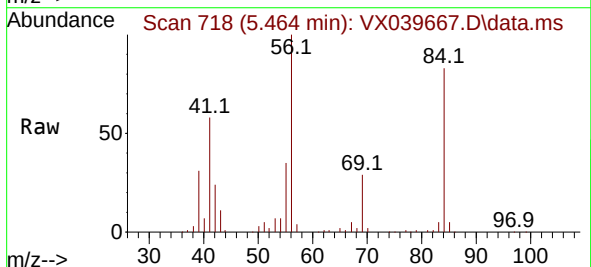
Manual Integrations
APPROVED

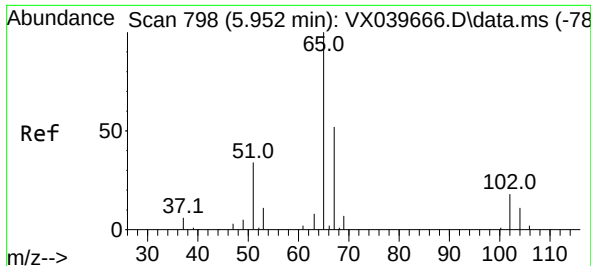
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#26
Cyclohexane
Concen: 50.183 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Tgt Ion: 56 Resp: 116267
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 81.9 67.2 100.8





#27

1,2-Dichloroethane-d4

Concen: 30.602 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 65 Resp: 3927

Ion Ratio Lower Upper

65 100

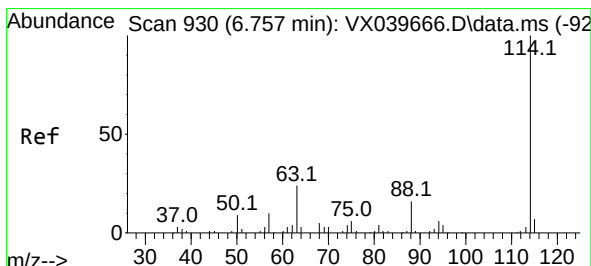
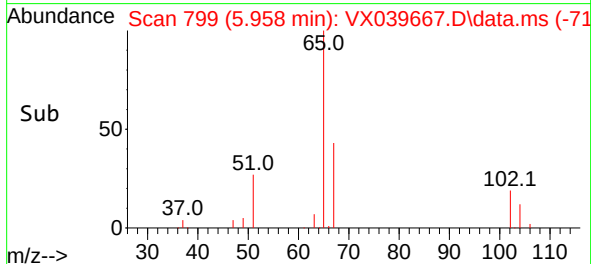
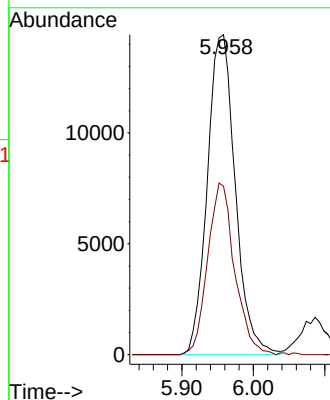
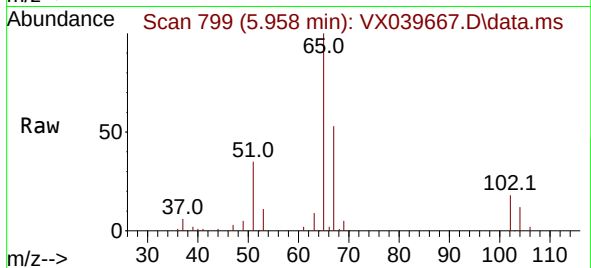
67 51.6 42.5 63.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

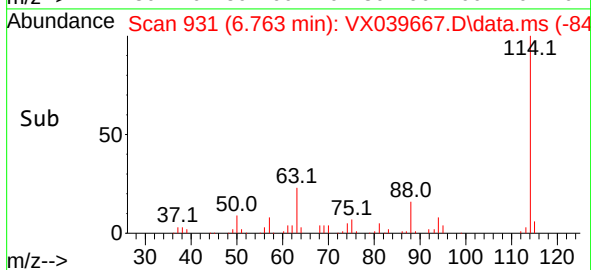
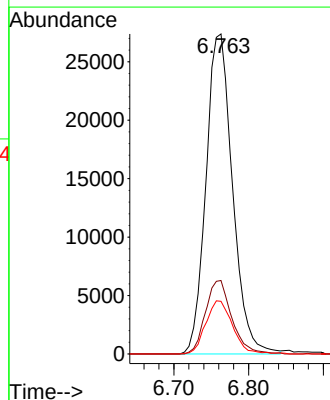
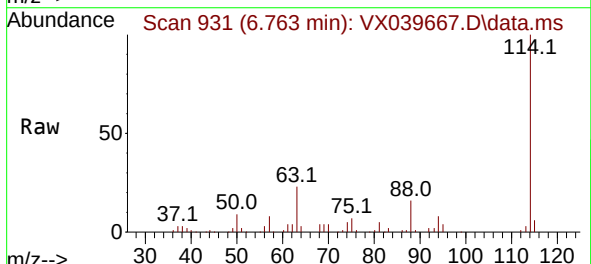
Tgt Ion:114 Resp: 67650

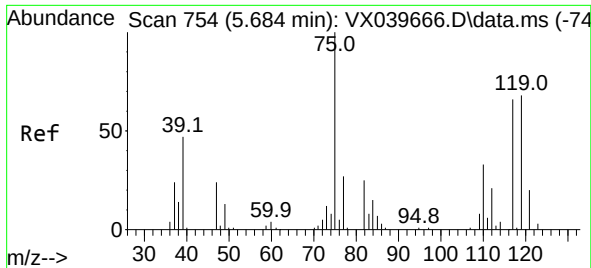
Ion Ratio Lower Upper

114 100

63 22.7 17.0 25.4

88 16.7 12.7 19.1





#29

1,1-Dichloropropene

Concen: 49.089 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 75 Resp: 95300

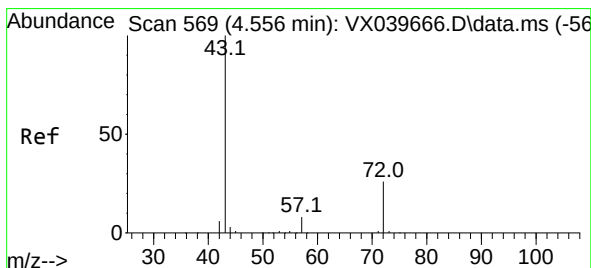
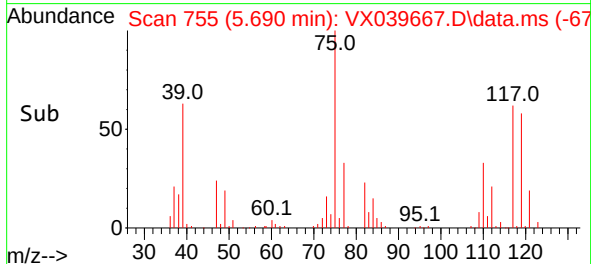
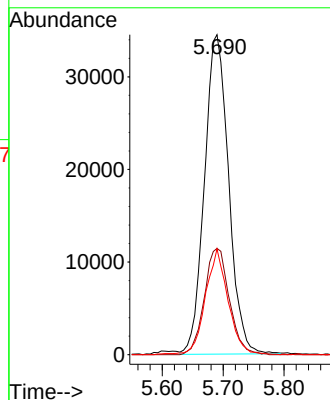
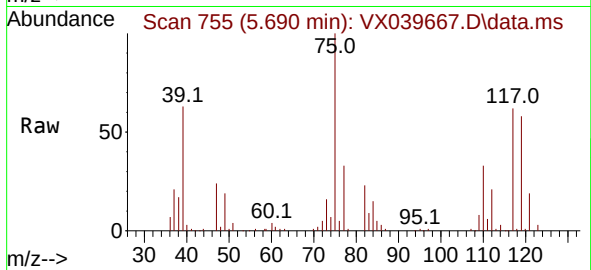
Ion	Ratio	Lower	Upper
75	100		
110	34.2	0.0	71.2
77	30.9	0.0	62.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#30

2-Butanone

Concen: 246.852 ug/l

RT: 4.556 min Scan# 569

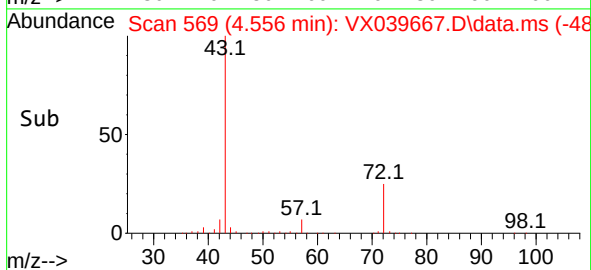
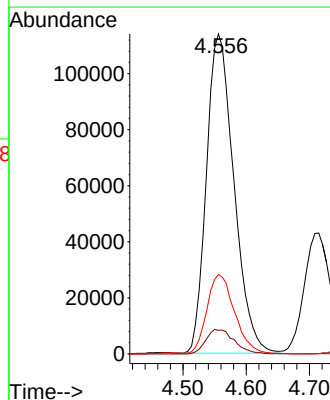
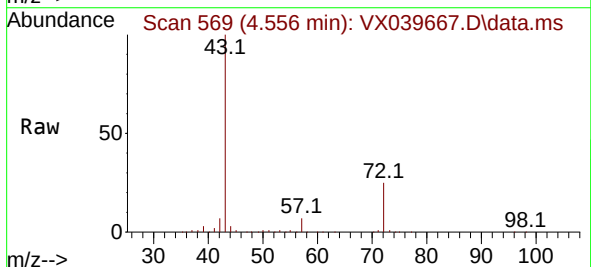
Delta R.T. -0.000 min

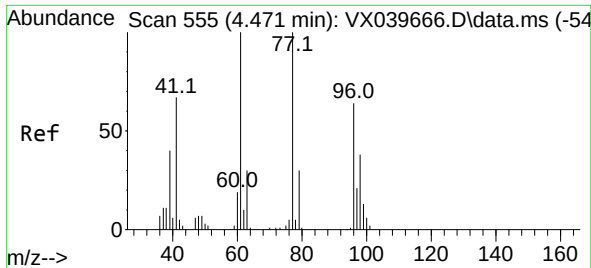
Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

Tgt Ion: 43 Resp: 343713

Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.6	10.0
72	25.2	20.6	31.0





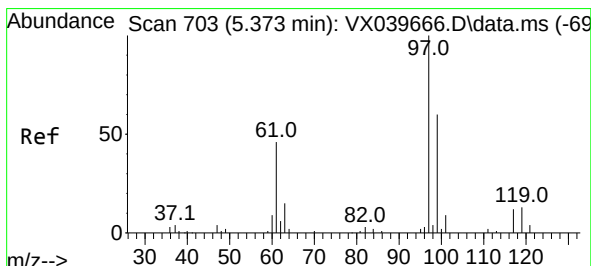
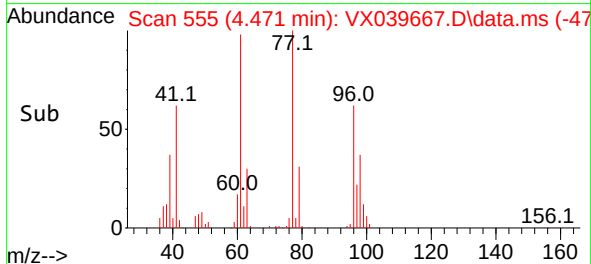
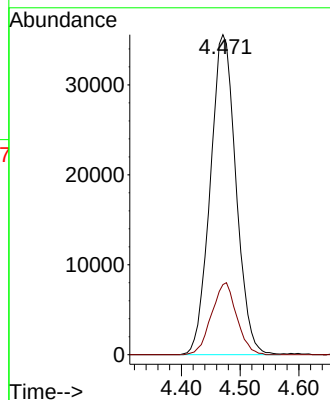
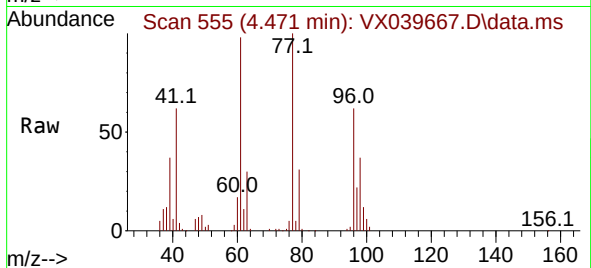
#31
2,2-Dichloropropane
Concen: 50.052 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 77 Resp: 10803
Ion Ratio Lower Upper
77 100
97 22.0 18.2 27.4

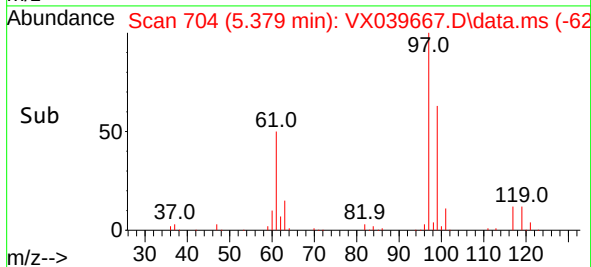
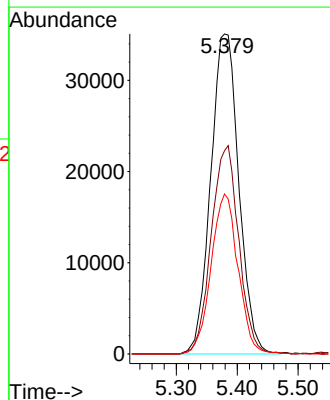
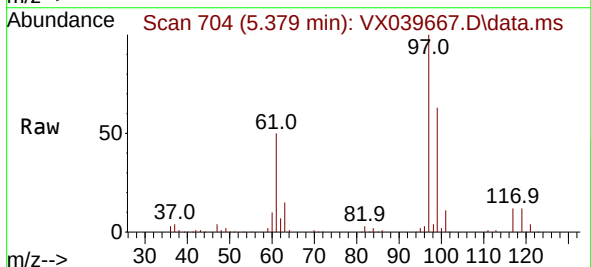
Manual Integrations
APPROVED

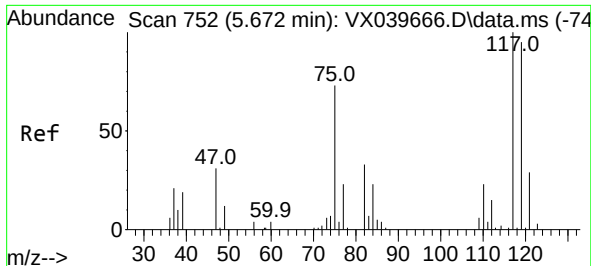
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#32
1,1,1-Trichloroethane
Concen: 50.122 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

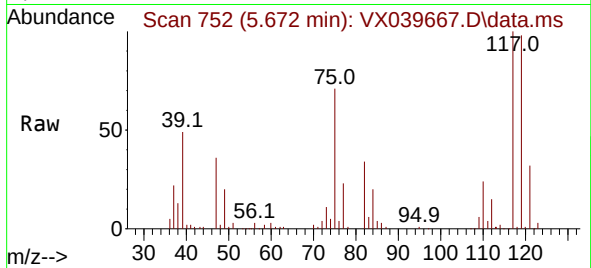
Tgt Ion: 97 Resp: 112462
Ion Ratio Lower Upper
97 100
99 63.8 52.6 79.0
61 48.1 36.9 55.3





#33
Carbon Tetrachloride
Concen: 50.878 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

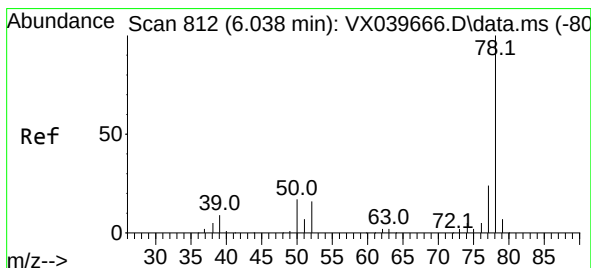
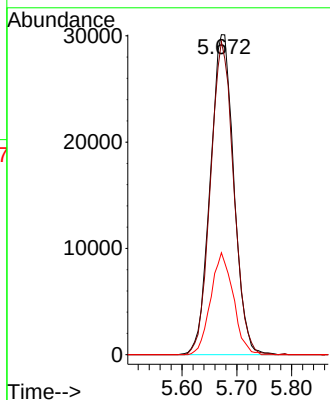
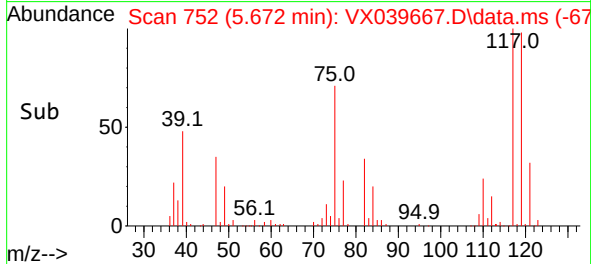
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:117 Resp: 89994
Ion Ratio Lower Upper
117 100
119 97.8 78.2 117.4
121 31.8 24.7 37.1

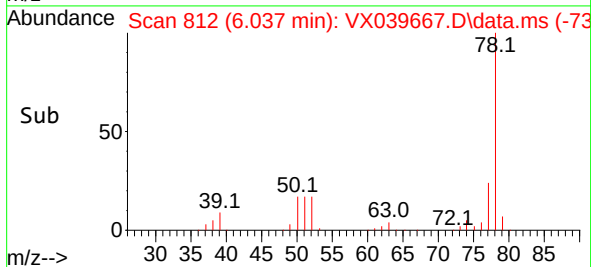
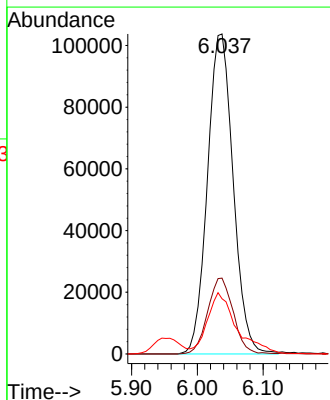
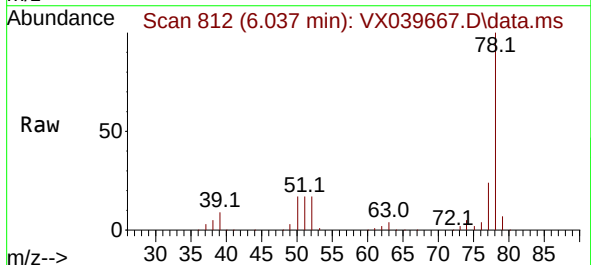
Manual Integrations
APPROVED

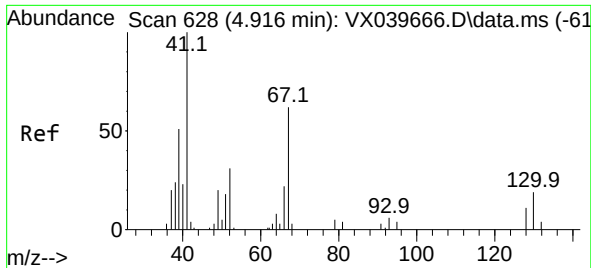
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#34
Benzene
Concen: 49.023 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Tgt Ion: 78 Resp: 282324
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9
51 16.7 14.4 21.6





#35
Methacrylonitrile
Concen: 49.524 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

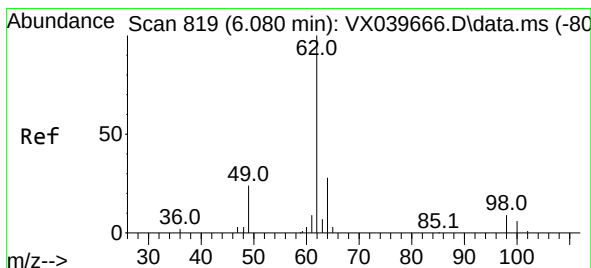
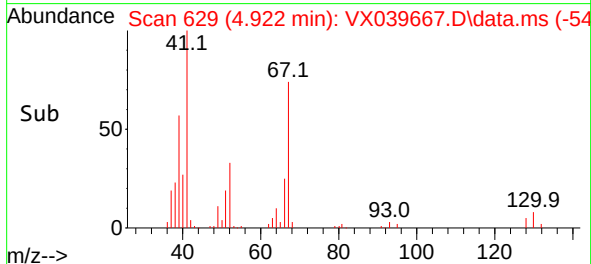
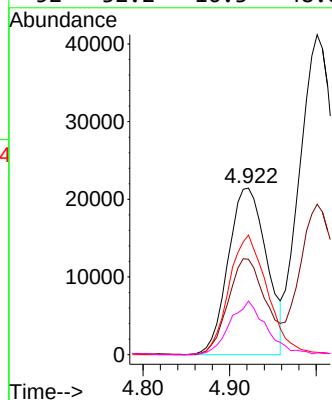
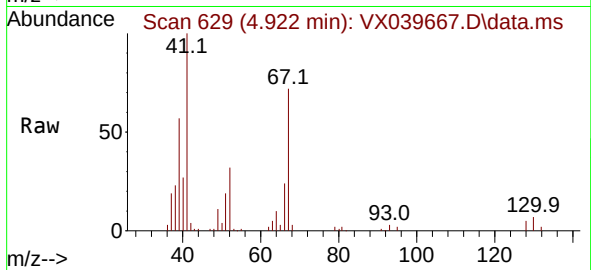
Tgt Ion: 41 Resp: 66350
Ion Ratio Lower Upper
41 100
39 56.9 28.2 84.7
67 71.9 34.5 103.5
52 32.2 16.3 48.8

Manual Integrations

APPROVED

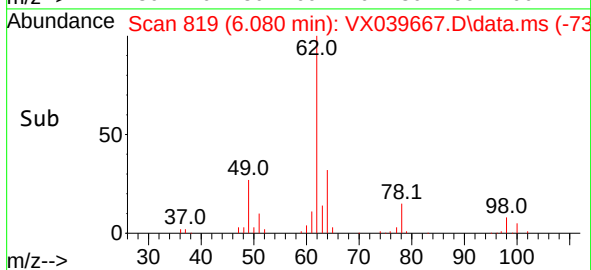
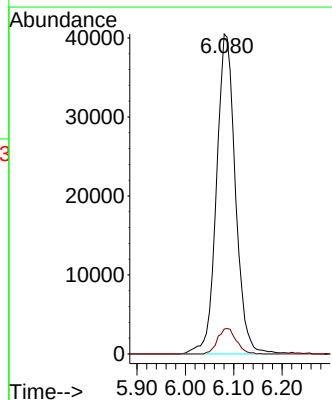
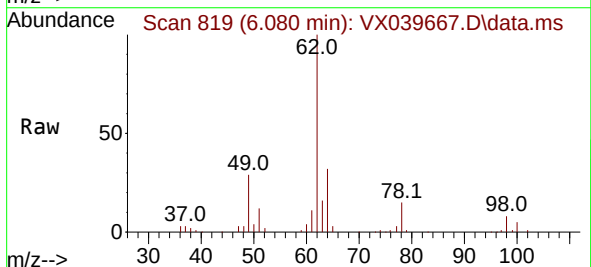
Reviewed By :John Carlone 01/09/2024

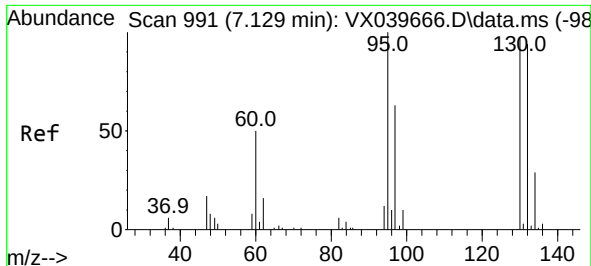
Supervised By :Mahesh Dadoda 01/09/2024



#36
1,2-Dichloroethane
Concen: 48.713 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Tgt Ion: 62 Resp: 110009
Ion Ratio Lower Upper
62 100
98 7.9 7.0 10.4





#37

Trichloroethene

Concen: 49.296 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion:130 Resp: 6745

Ion Ratio Lower Upper

130 100

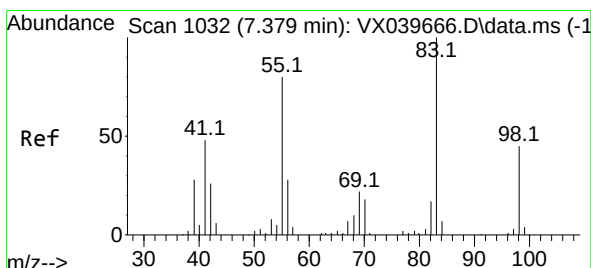
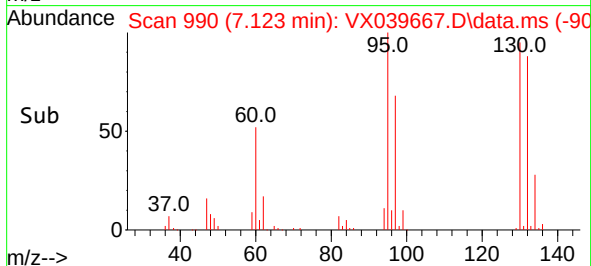
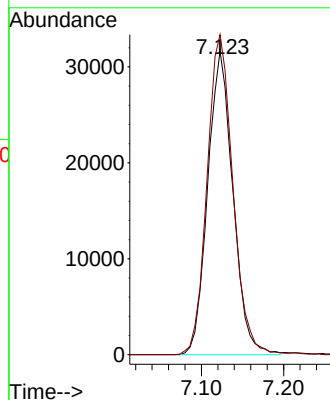
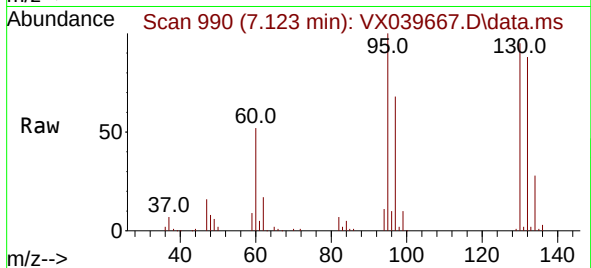
95 105.2 85.8 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#38

Methylcyclohexane

Concen: 49.257 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

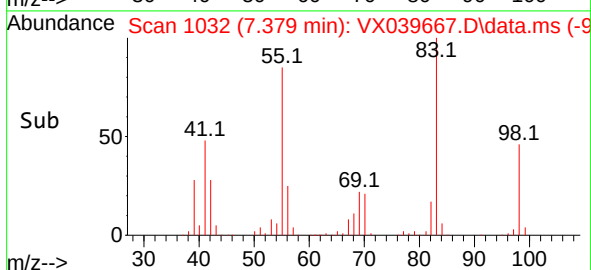
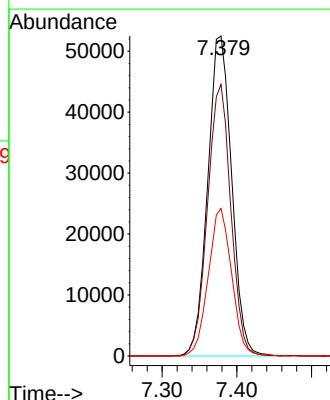
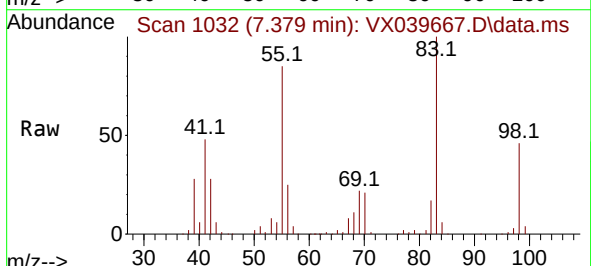
Tgt Ion: 83 Resp: 116997

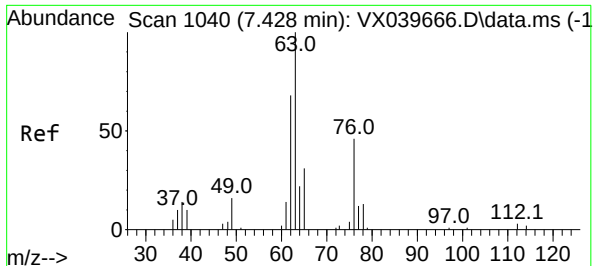
Ion Ratio Lower Upper

83 100

55 82.6 38.6 116.0

98 45.0 22.3 66.8





#39

1,2-Dichloropropane

Concen: 48.235 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.001 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 7484

Ion Ratio Lower Upper

63 100

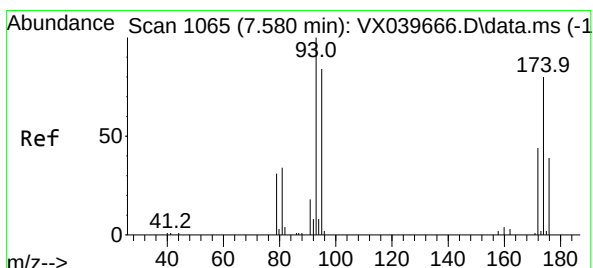
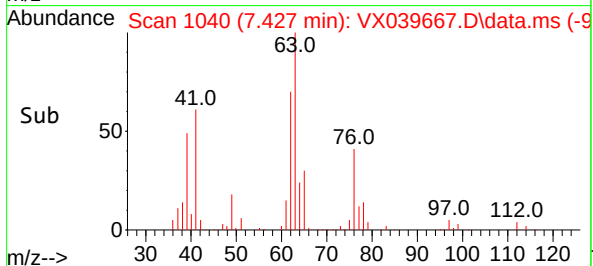
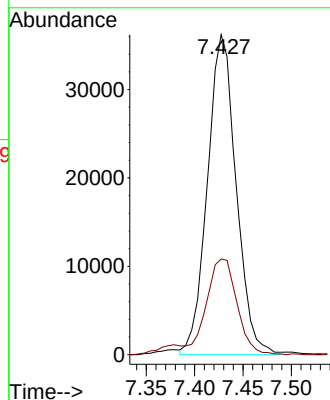
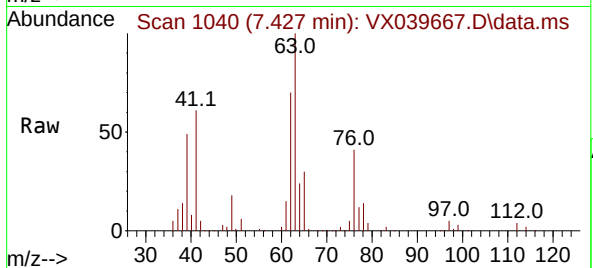
65 29.9 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#40

Dibromomethane

Concen: 49.642 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

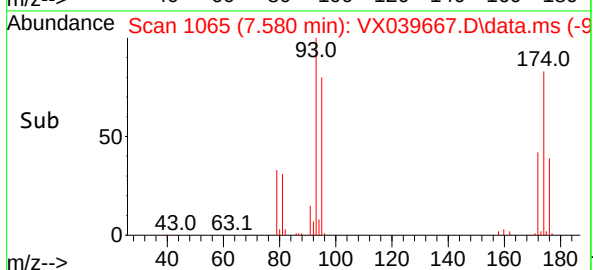
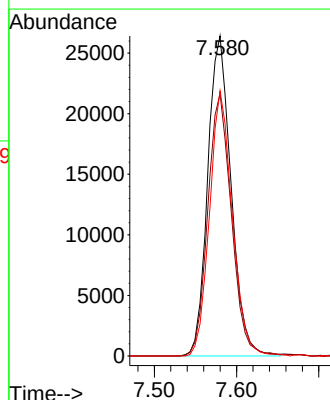
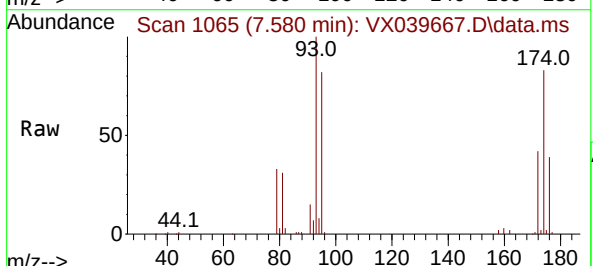
Tgt Ion: 93 Resp: 52033

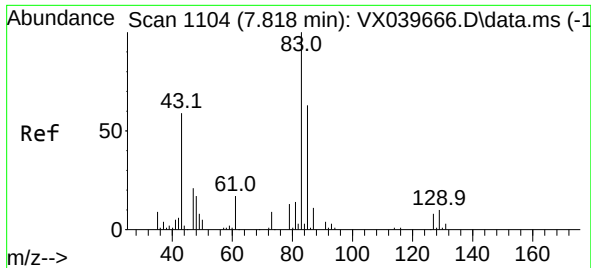
Ion Ratio Lower Upper

93 100

95 82.9 0.0 163.4

174 81.0 0.0 166.4





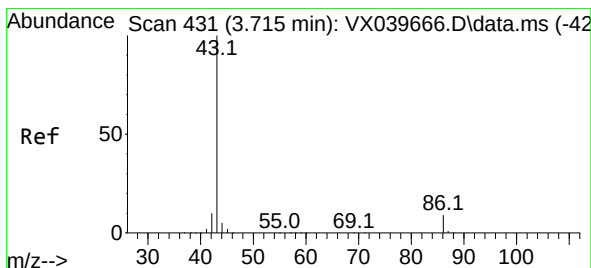
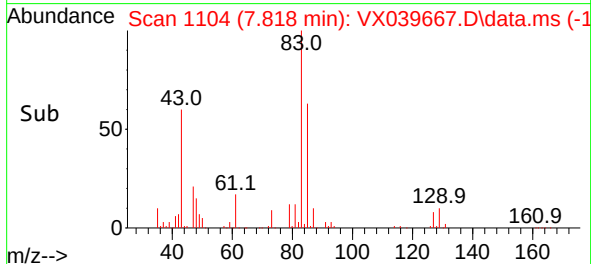
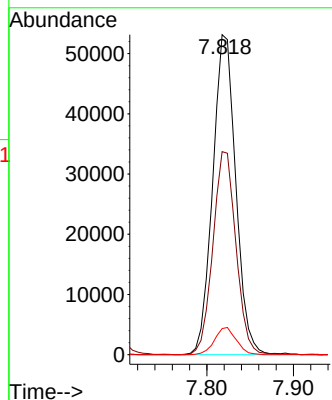
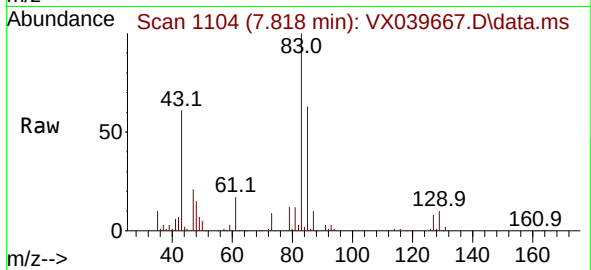
#41
Bromodichloromethane
Concen: 50.665 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 9840
Ion Ratio Lower Upper
83 100
85 63.5 50.8 76.2
127 8.2 5.9 8.9

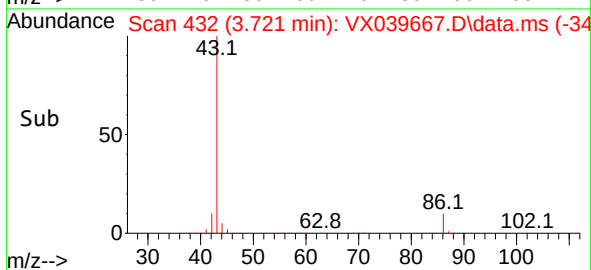
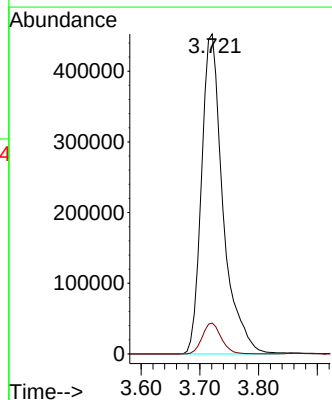
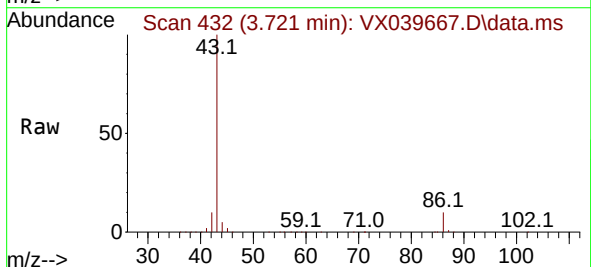
Manual Integrations
APPROVED

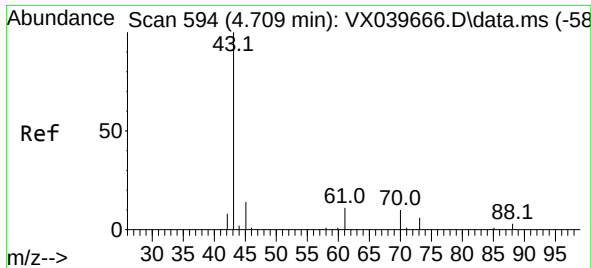
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#42
Vinyl Acetate
Concen: 249.951 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.006 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Tgt Ion: 43 Resp: 1150714
Ion Ratio Lower Upper
43 100
86 8.6 6.7 10.1





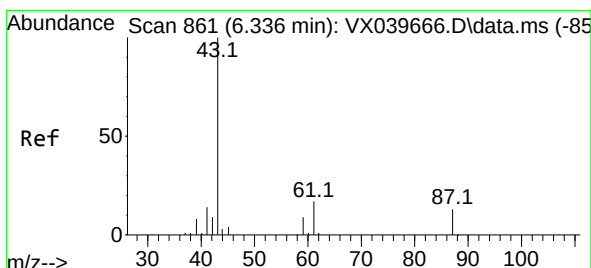
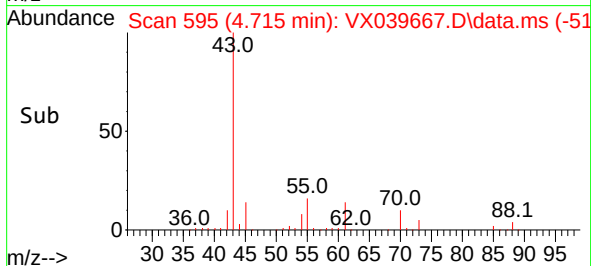
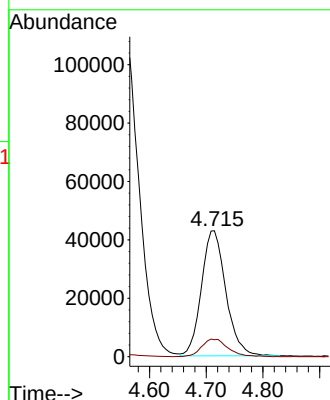
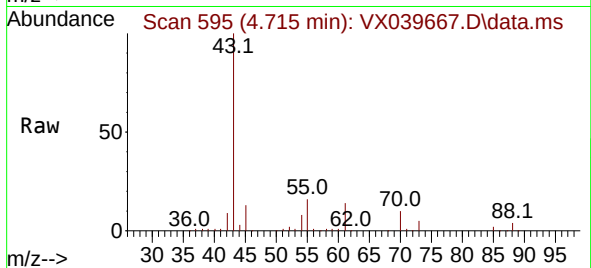
#43
Ethyl Acetate
Concen: 49.023 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 43 Resp: 127943
Ion Ratio Lower Upper
43 100
45 14.5 11.8 17.8

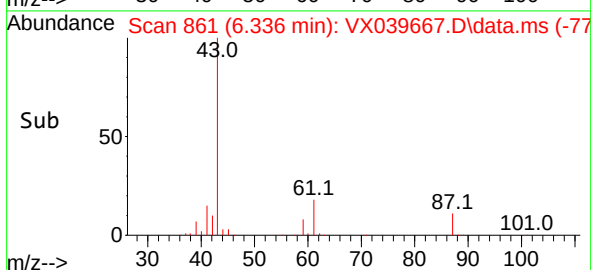
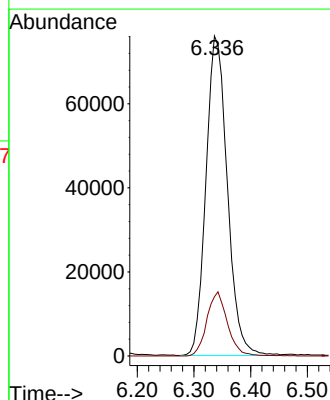
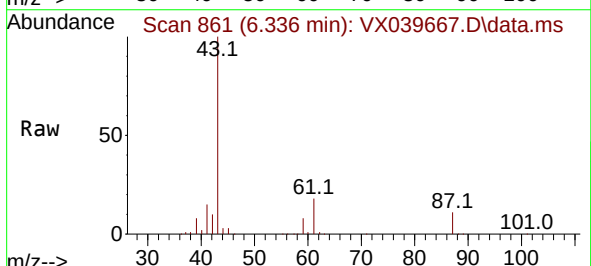
Manual Integrations
APPROVED

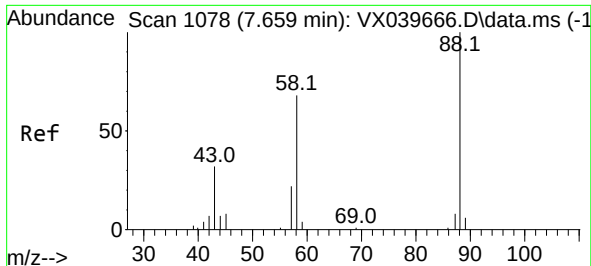
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#44
Isopropyl Acetate
Concen: 49.377 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

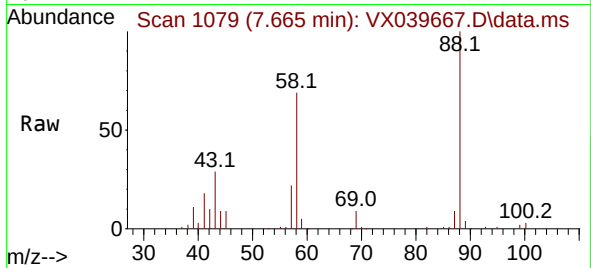
Tgt Ion: 43 Resp: 199214
Ion Ratio Lower Upper
43 100
61 19.2 15.6 23.4





#45
1,4-Dioxane
Concen: 1005.635 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

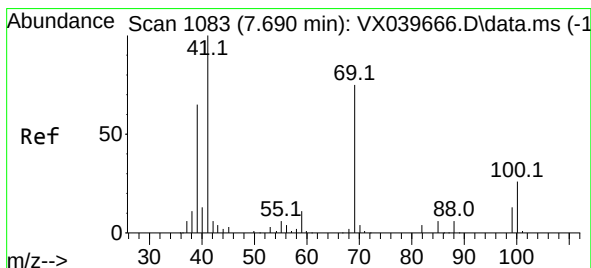
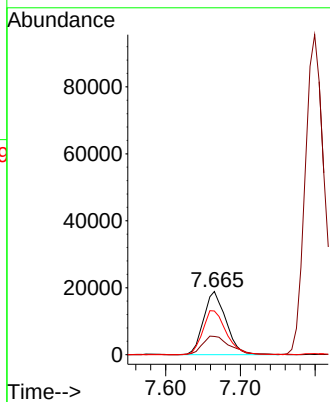
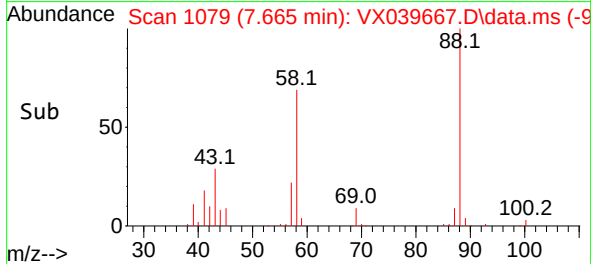
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



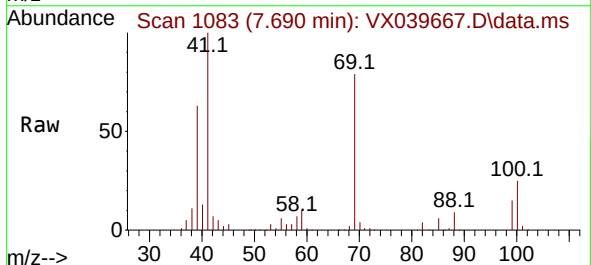
Tgt Ion: 88 Resp: 3911
Ion Ratio Lower Upper
88 100
43 36.4 28.1 42.1
58 73.1 57.7 86.5

Manual Integrations
APPROVED

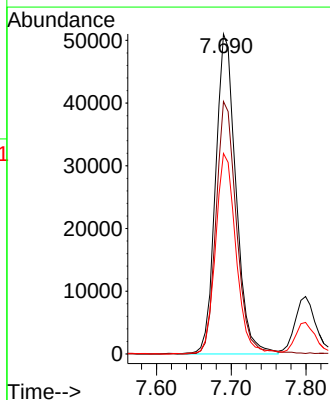
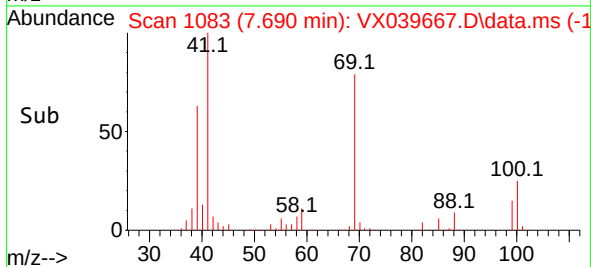
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

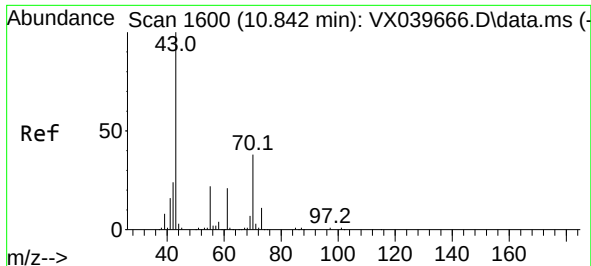


#46
Methyl methacrylate
Concen: 49.927 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30



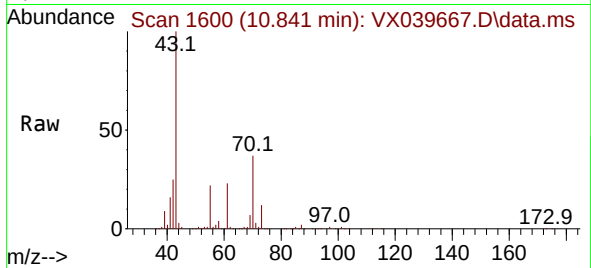
Tgt Ion: 41 Resp: 96742
Ion Ratio Lower Upper
41 100
69 78.9 39.6 118.8
39 62.5 30.1 90.3





#47
n-amy1 Acetate
Concen: 51.863 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

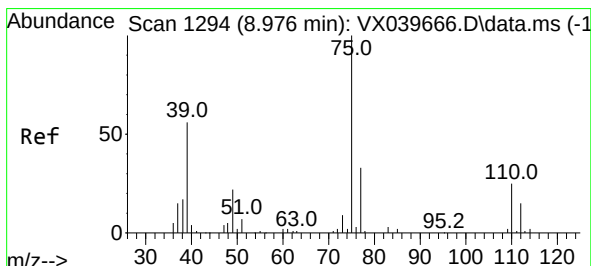
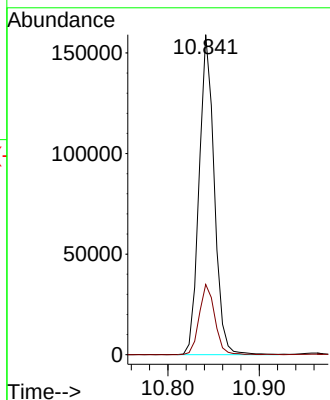
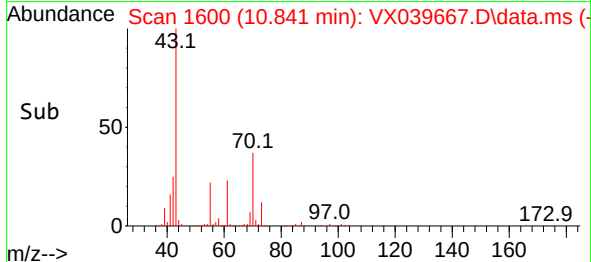
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 43 Resp: 182740
Ion Ratio Lower Upper
43 100
55 22.5 18.2 27.2

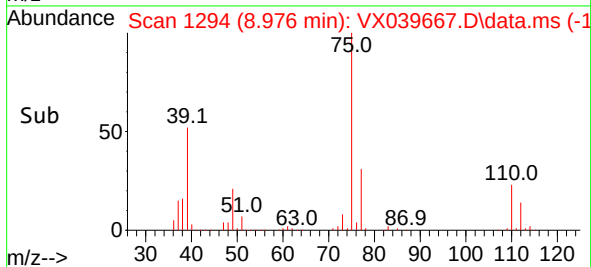
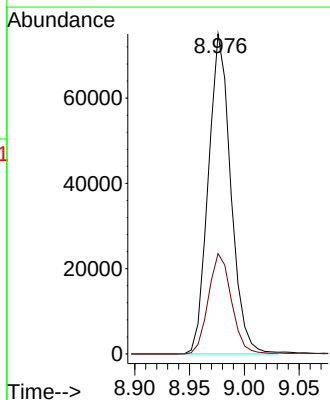
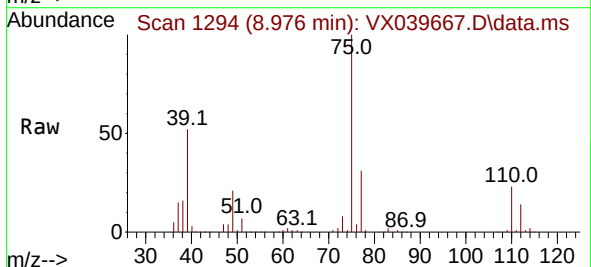
Manual Integrations
APPROVED

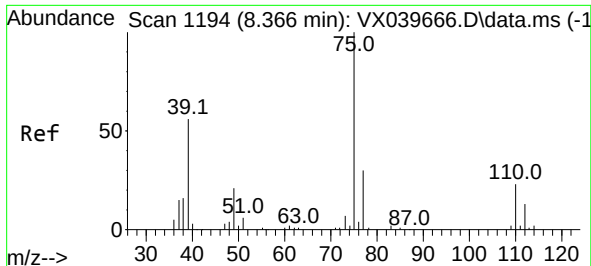
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#48
t-1,3-Dichloropropene
Concen: 51.323 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Tgt Ion: 75 Resp: 107288
Ion Ratio Lower Upper
75 100
77 31.4 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 51.115 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 11702

Ion Ratio Lower Upper

75 100

77 30.9 24.4 36.6

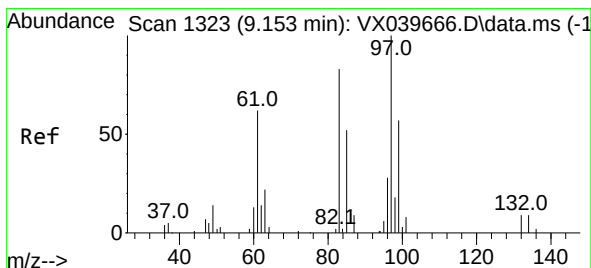
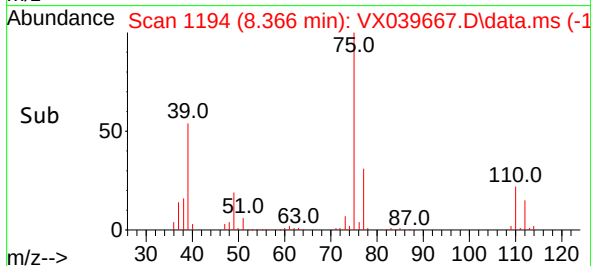
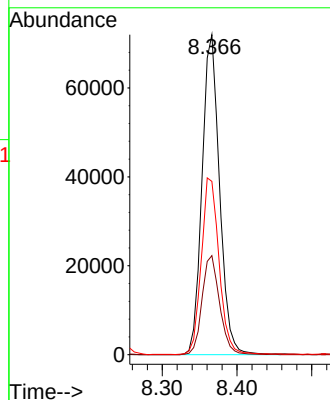
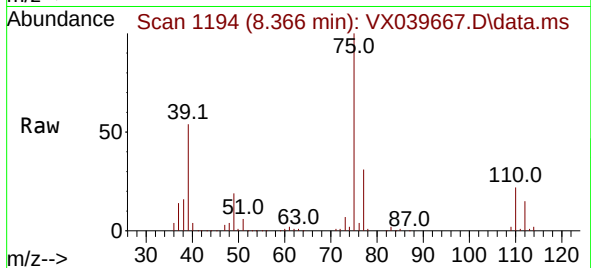
39 54.0 40.6 60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#50

1,1,2-Trichloroethane

Concen: 48.664 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

Tgt Ion: 97 Resp: 69920

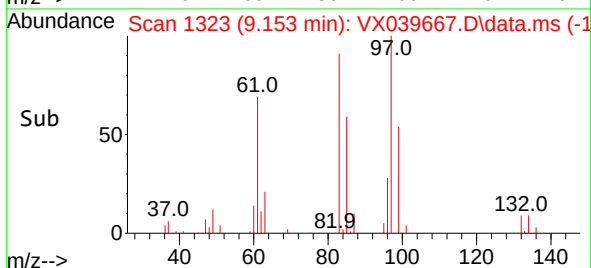
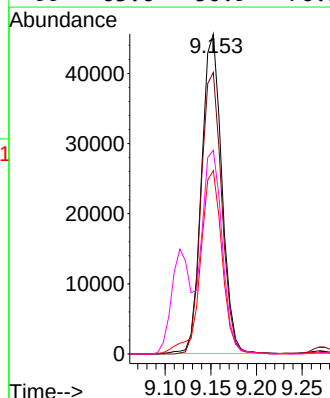
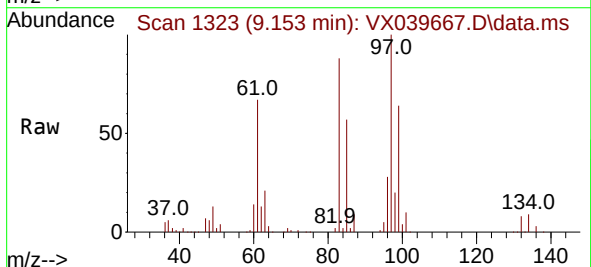
Ion Ratio Lower Upper

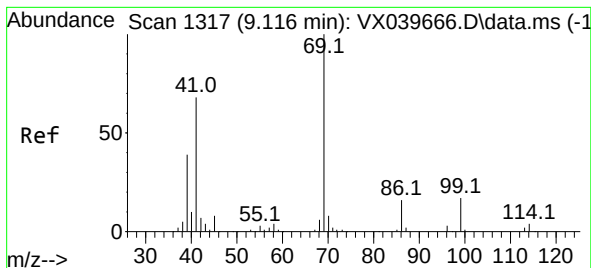
97 100

83 87.9 69.0 103.6

85 57.4 46.3 69.5

99 63.6 50.9 76.3





#51

Ethyl methacrylate

Concen: 51.202 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 69 Resp: 122890

Ion Ratio Lower Upper

69 100

41 72.5 36.2 108.6

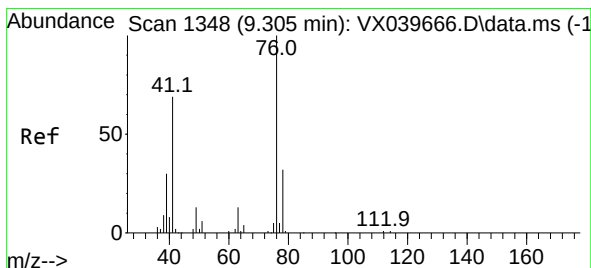
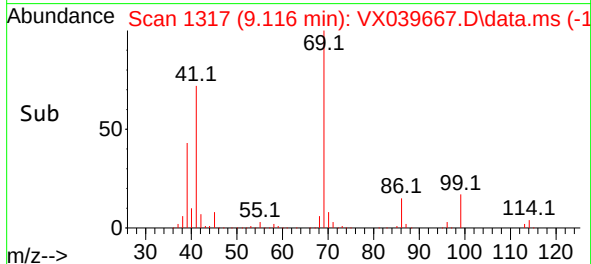
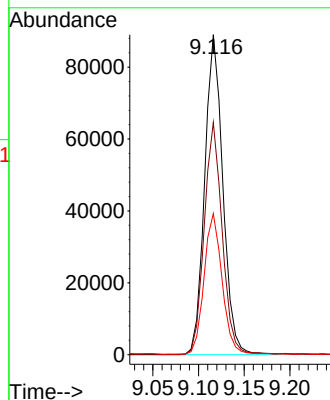
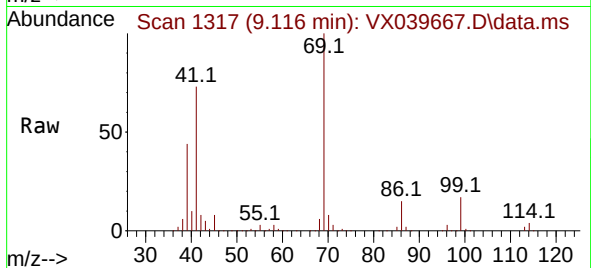
39 43.9 21.1 63.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#52

1,3-Dichloropropane

Concen: 49.385 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. 0.000 min

Lab File: VX039667.D

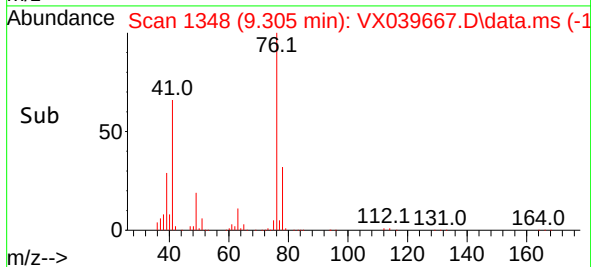
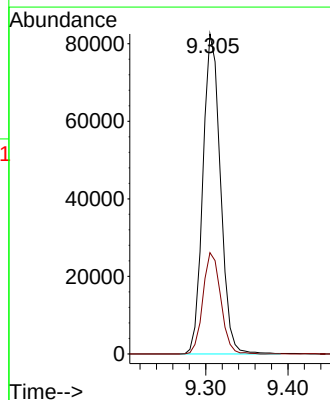
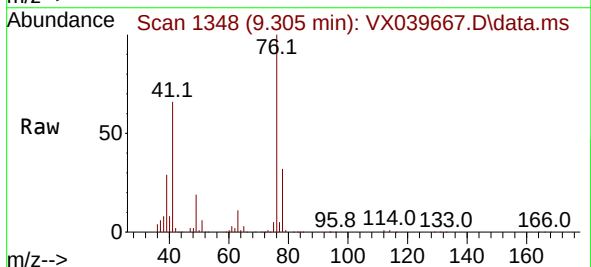
Acq: 08 Jan 2024 17:30

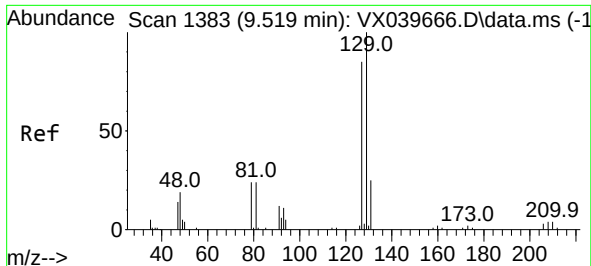
Tgt Ion: 76 Resp: 122445

Ion Ratio Lower Upper

76 100

78 32.1 0.0 65.0





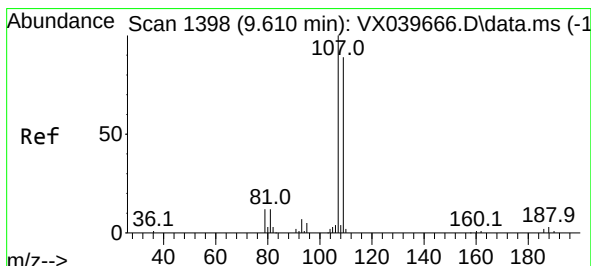
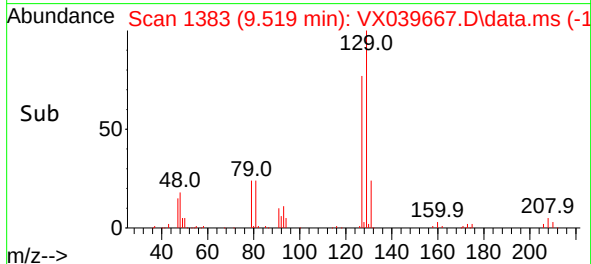
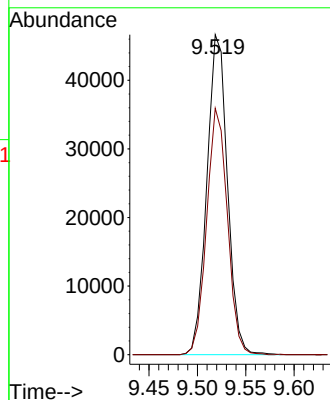
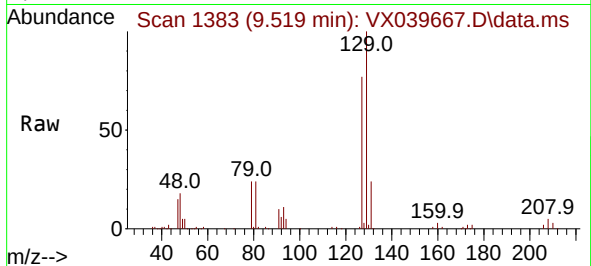
#53
Dibromochloromethane
Concen: 51.781 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:129 Resp: 6923
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.9

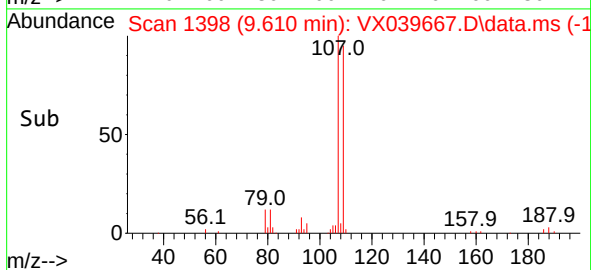
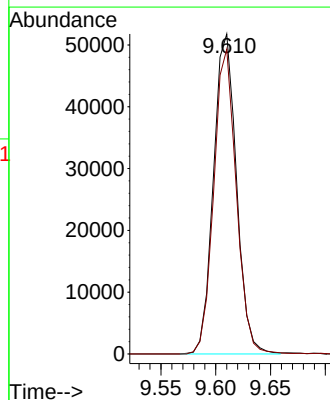
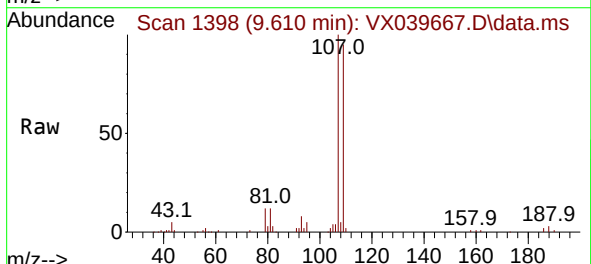
Manual Integrations
APPROVED

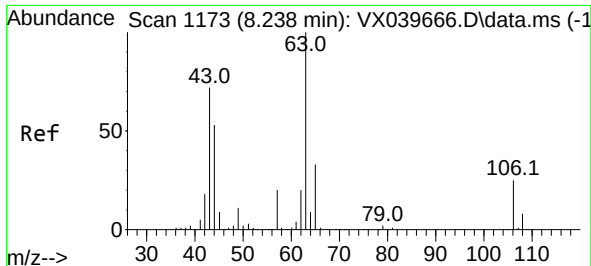
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#54
1,2-Dibromoethane
Concen: 50.090 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Tgt Ion:107 Resp: 75425
Ion Ratio Lower Upper
107 100
109 93.4 75.1 112.7





#55

2-Chloroethyl vinyl ether

Concen: 251.675 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 293920

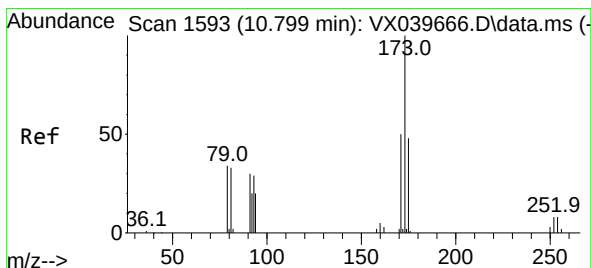
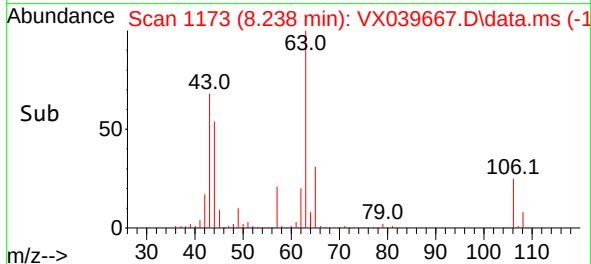
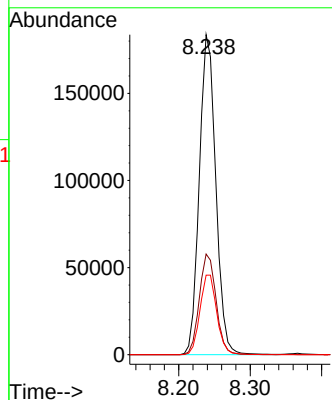
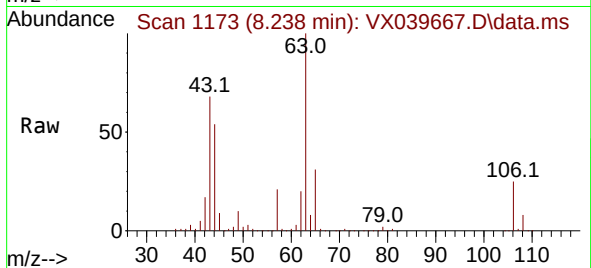
Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.8	38.6
106	25.4	20.6	31.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#56

Bromoform

Concen: 53.210 ug/l

RT: 10.799 min Scan# 1593

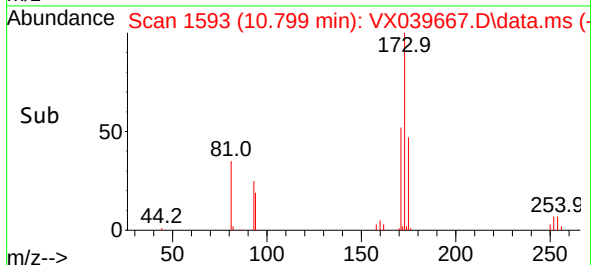
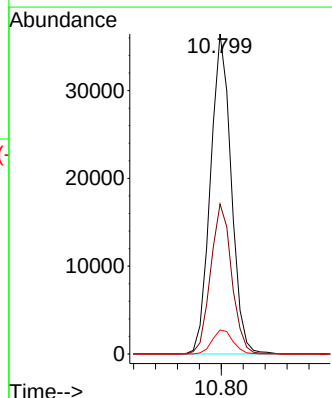
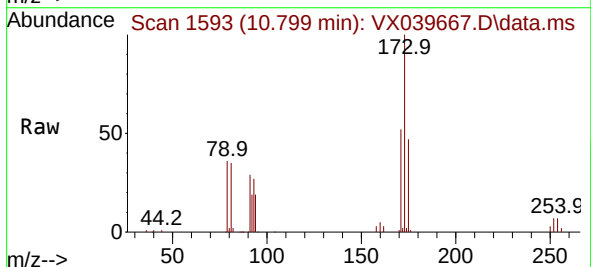
Delta R.T. -0.000 min

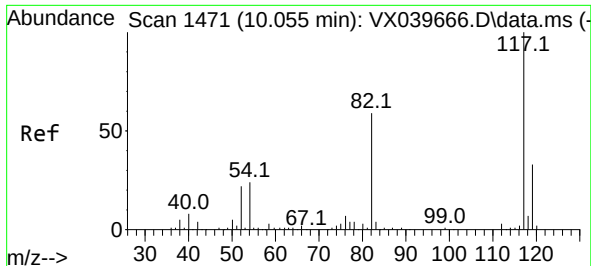
Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

Tgt Ion:173 Resp: 47922

Ion	Ratio	Lower	Upper
173	100		
175	47.4	37.6	56.4
254	7.5	5.8	8.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 117 Resp: 83069

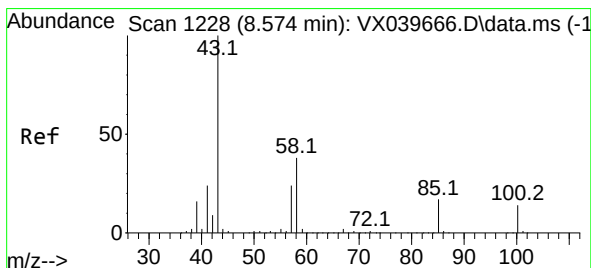
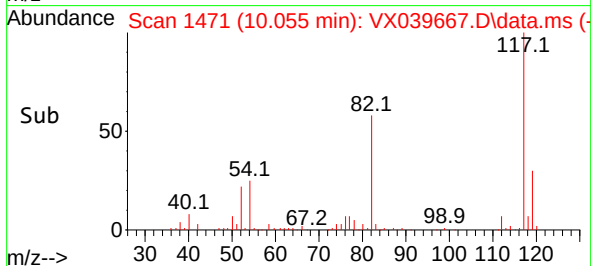
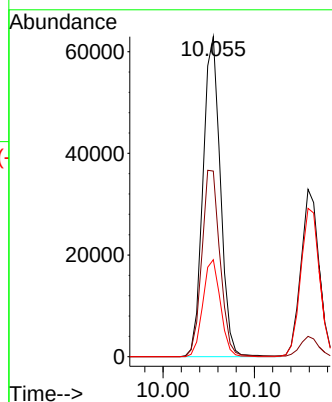
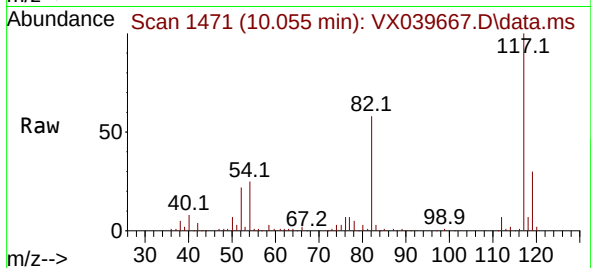
Ion	Ratio	Lower	Upper
117	100		
82	60.8	47.0	70.6
119	30.6	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#58

4-Methyl-2-Pentanone

Concen: 243.833 ug/l

RT: 8.574 min Scan# 1228

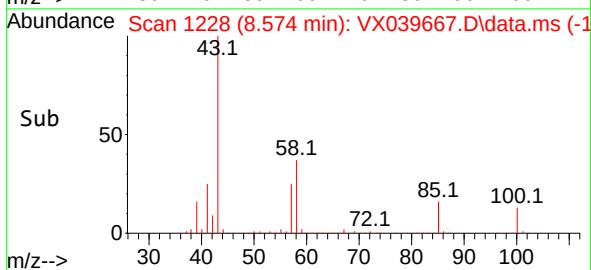
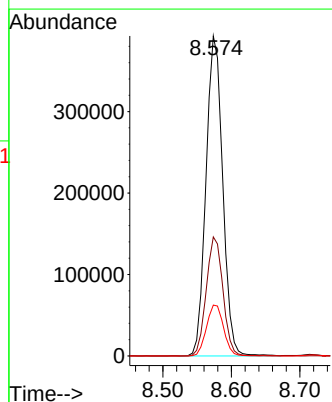
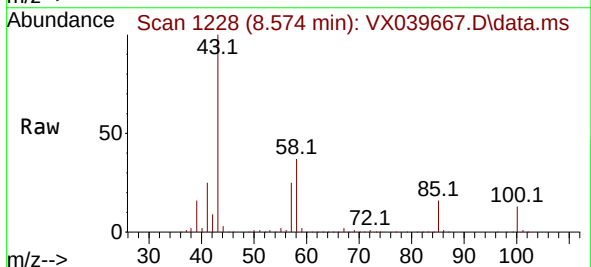
Delta R.T. -0.000 min

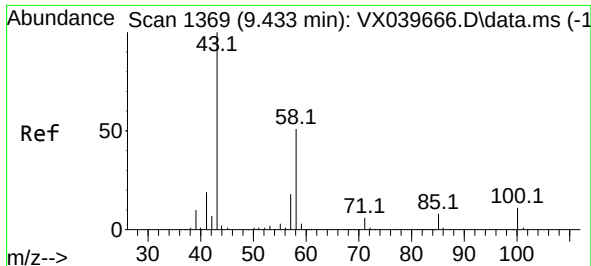
Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

Tgt Ion: 43 Resp: 666249

Ion	Ratio	Lower	Upper
43	100		
58	37.2	30.1	45.1
85	16.3	13.9	20.9





#59

2-Hexanone

Concen: 244.289 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 43 Resp: 54032

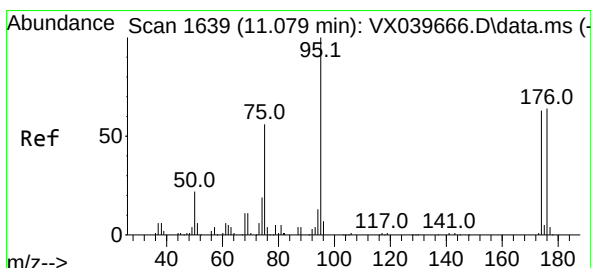
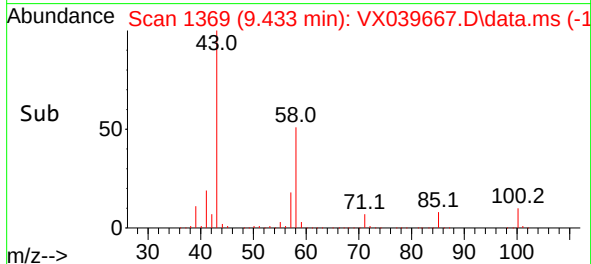
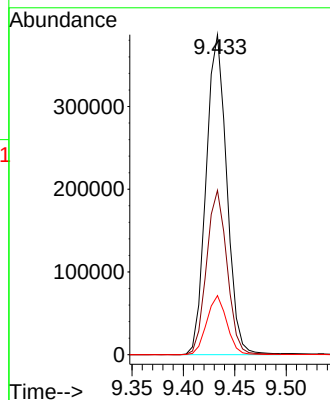
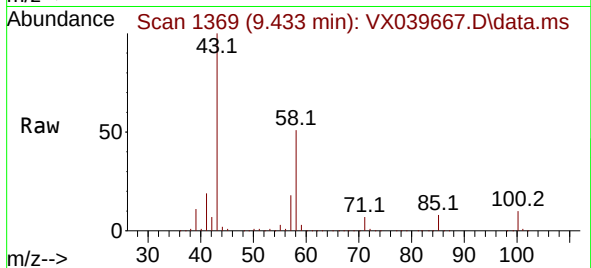
Ion	Ratio	Lower	Upper
43	100		
58	51.1	42.7	64.1
57	17.9	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#60

4-Bromofluorobenzene

Concen: 30.005 ug/l

RT: 11.079 min Scan# 1639

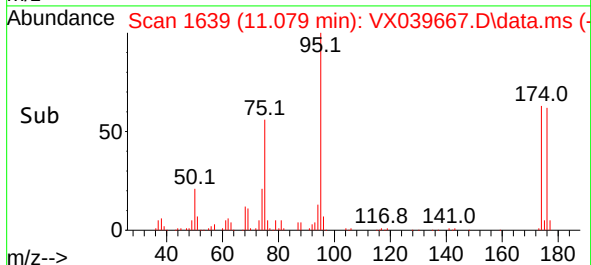
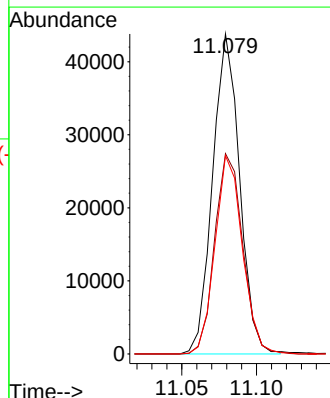
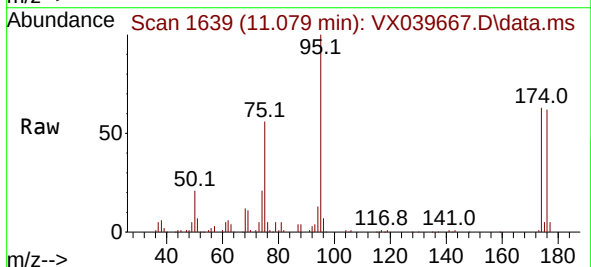
Delta R.T. 0.000 min

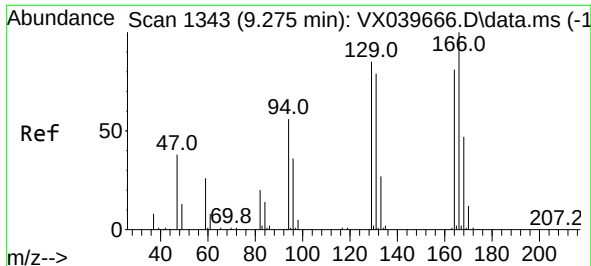
Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

Tgt Ion: 95 Resp: 54974

Ion	Ratio	Lower	Upper
95	100		
174	64.9	55.4	83.2
176	62.9	52.6	78.8





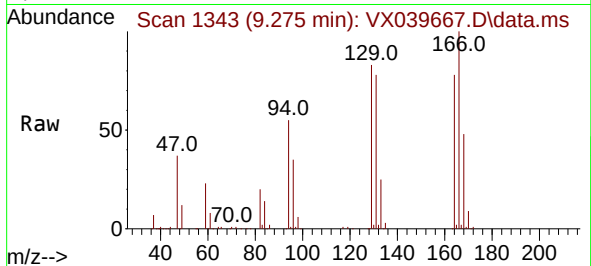
#61
Tetrachloroethene
Concen: 48.051 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050



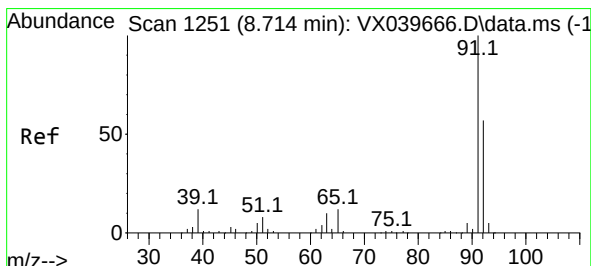
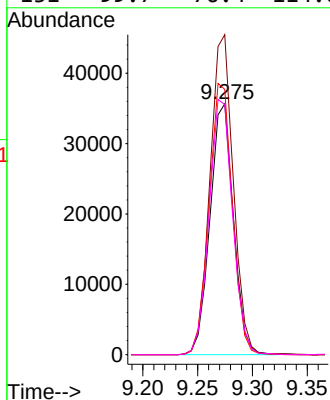
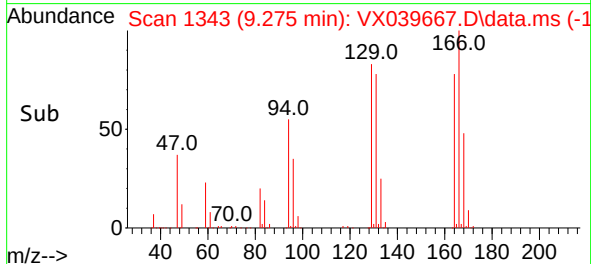
Tgt Ion:164 Resp: 52874
Ion Ratio Lower Upper
164 100
166 127.5 104.0 156.0
129 105.7 82.0 123.0
131 99.7 76.4 114.6

Manual Integrations

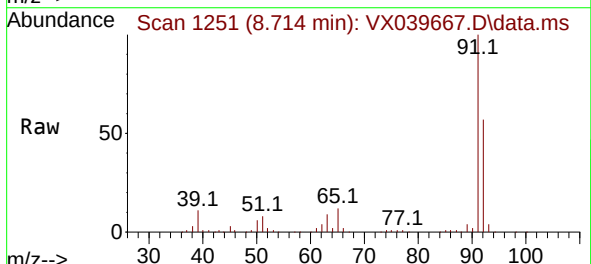
APPROVED

Reviewed By :John Carlone 01/09/2024

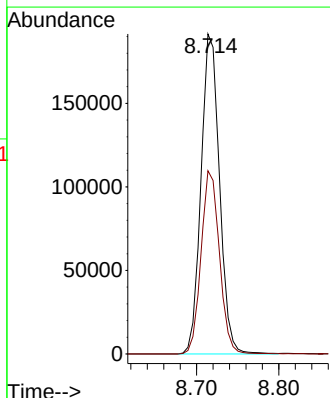
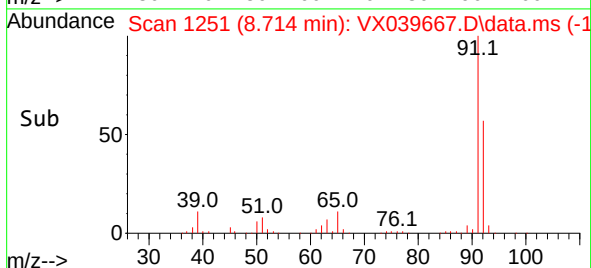
Supervised By :Mahesh Dadoda 01/09/2024

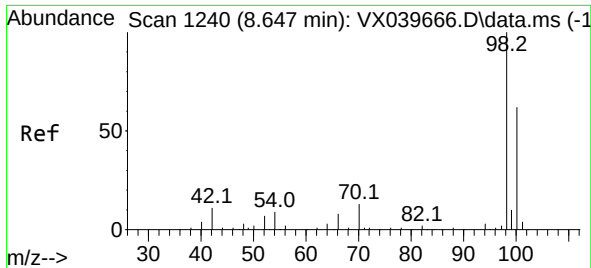


#62
Toluene
Concen: 48.570 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30



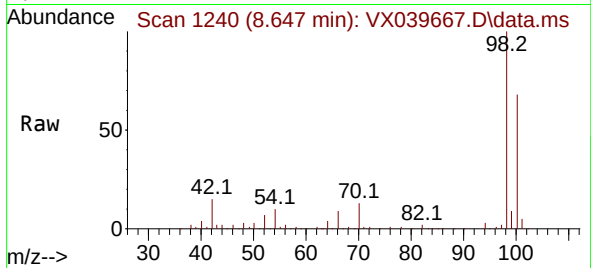
Tgt Ion: 91 Resp: 299109
Ion Ratio Lower Upper
91 100
92 56.8 45.9 68.9





#63
Toluene-d8
Concen: 29.241 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

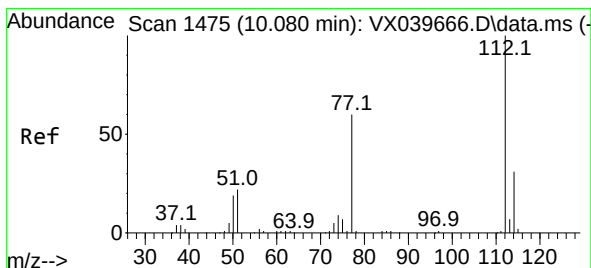
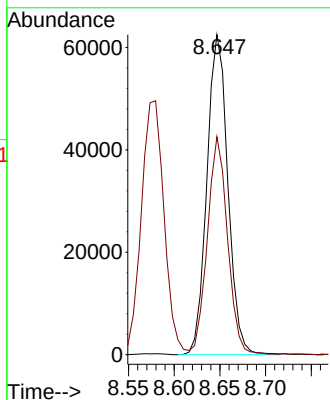
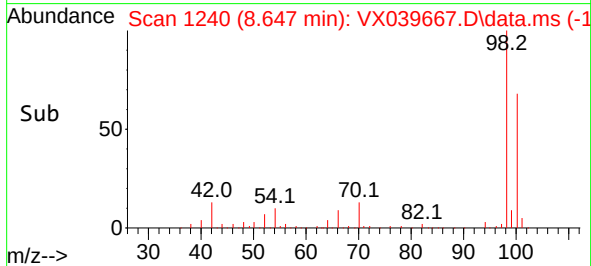
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 98 Resp: 99868
Ion Ratio Lower Upper
98 100
100 65.5 51.0 76.4

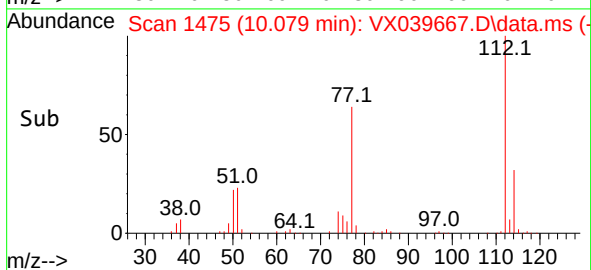
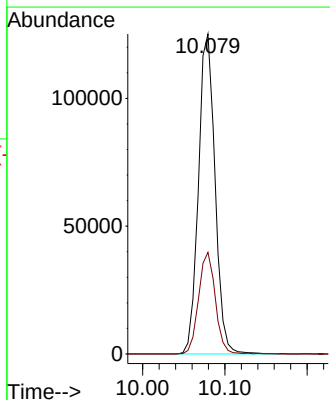
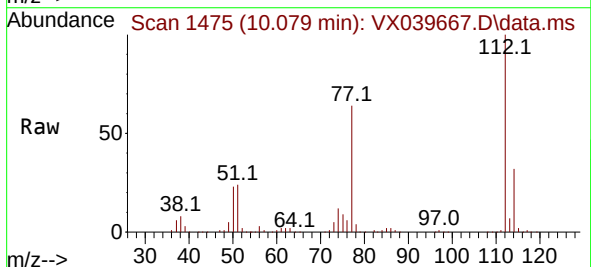
Manual Integrations
APPROVED

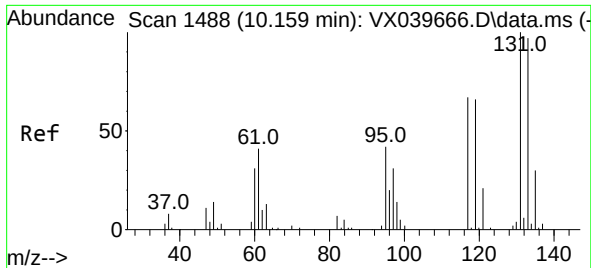
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#64
Chlorobenzene
Concen: 49.036 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

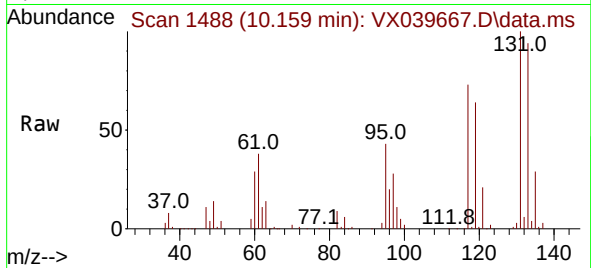
Tgt Ion:112 Resp: 175575
Ion Ratio Lower Upper
112 100
114 31.7 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 49.734 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

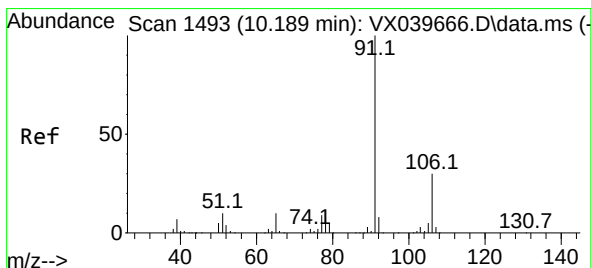
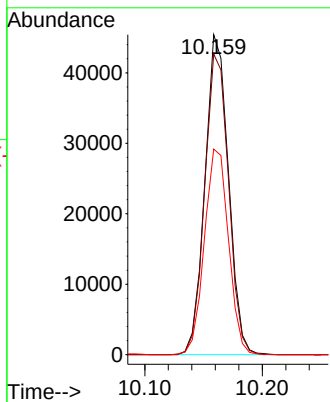
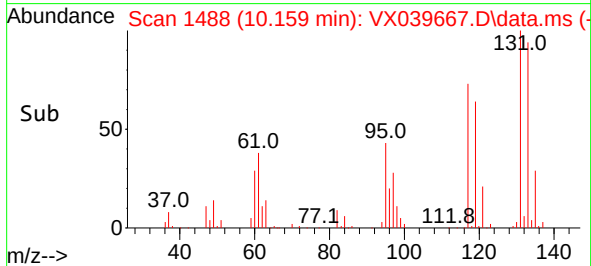
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:131 Resp: 63308
Ion Ratio Lower Upper
131 100
133 95.1 0.0 191.8
119 65.8 0.0 135.4

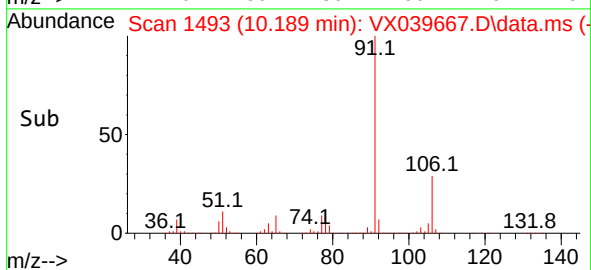
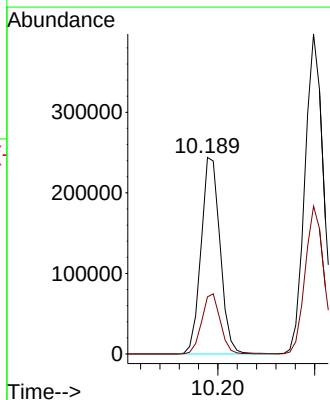
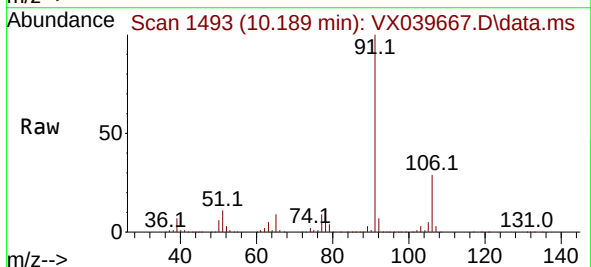
Manual Integrations
APPROVED

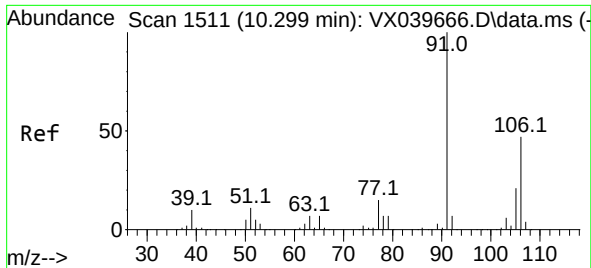
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#66
Ethyl Benzene
Concen: 49.438 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Tgt Ion: 91 Resp: 334306
Ion Ratio Lower Upper
91 100
106 29.1 24.4 36.6





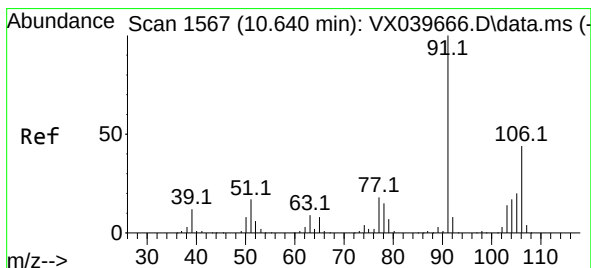
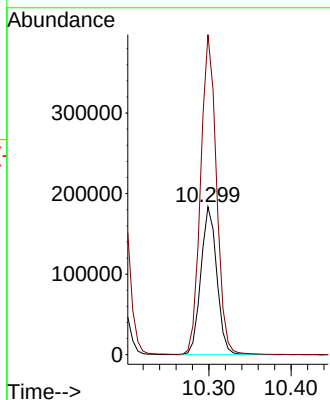
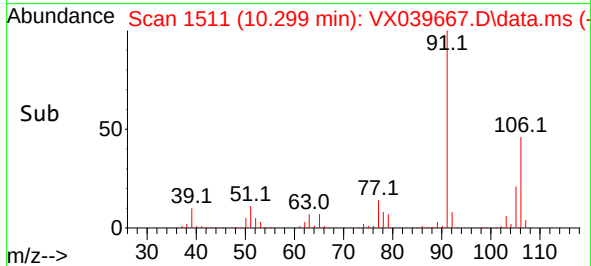
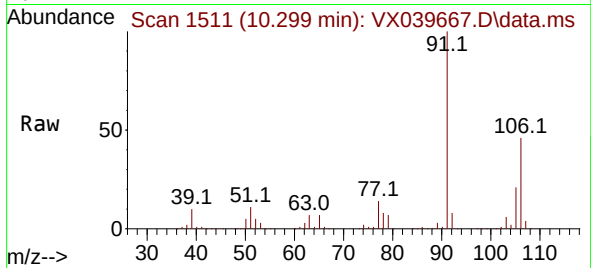
#67
m/p-Xylenes
Concen: 100.010 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 24702
Ion Ratio Lower Upper
106 100
91 215.2 169.4 254.0

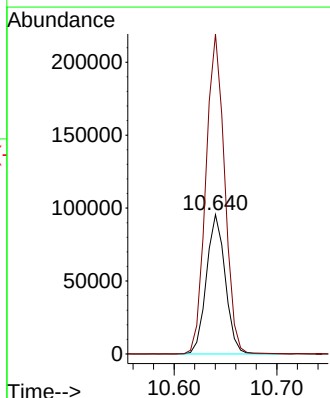
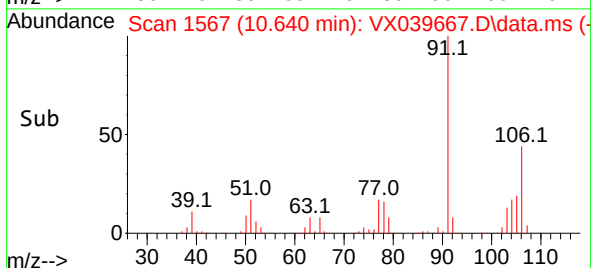
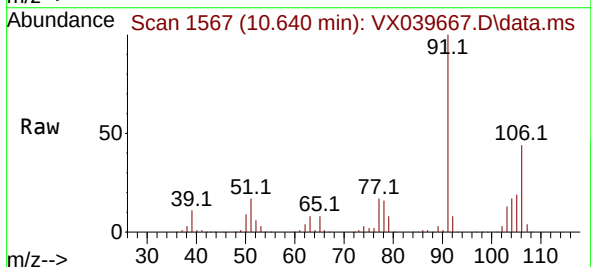
Manual Integrations
APPROVED

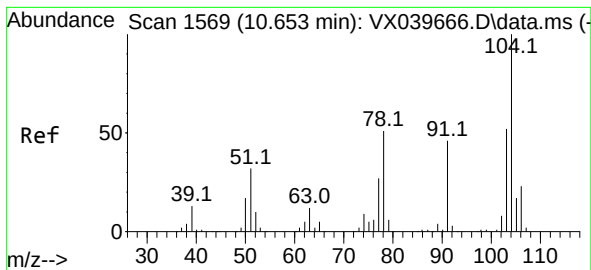
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#68
o-Xylene
Concen: 48.988 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Tgt Ion:106 Resp: 121478
Ion Ratio Lower Upper
106 100
91 228.9 111.2 333.6





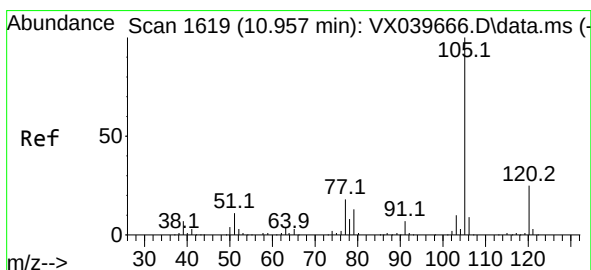
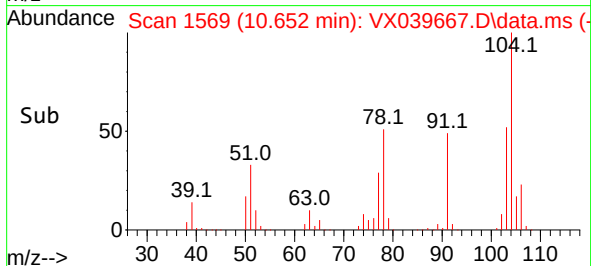
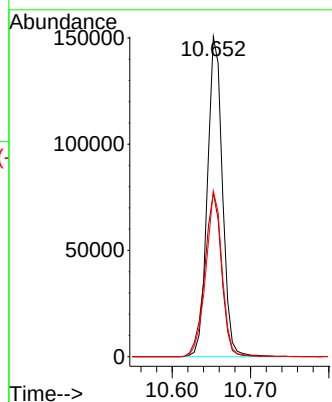
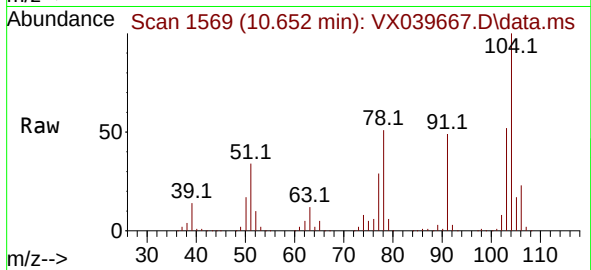
#69
Styrene
Concen: 50.656 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:104 Resp: 200818
Ion Ratio Lower Upper
104 100
78 57.4 43.7 65.5
103 55.8 44.6 67.0

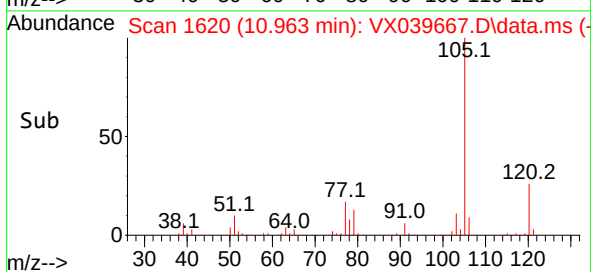
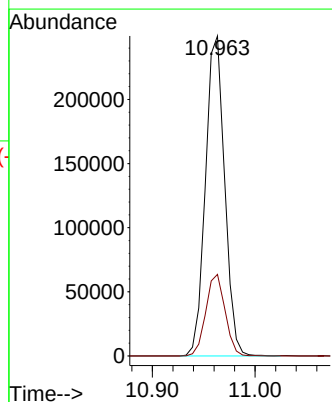
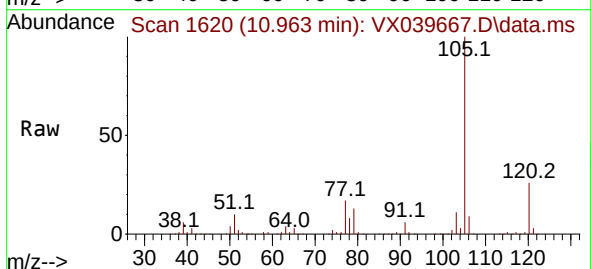
Manual Integrations
APPROVED

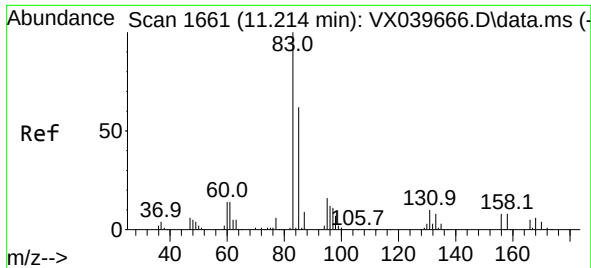
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#70
Isopropylbenzene
Concen: 49.456 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Tgt Ion:105 Resp: 323687
Ion Ratio Lower Upper
105 100
120 25.6 18.5 34.3





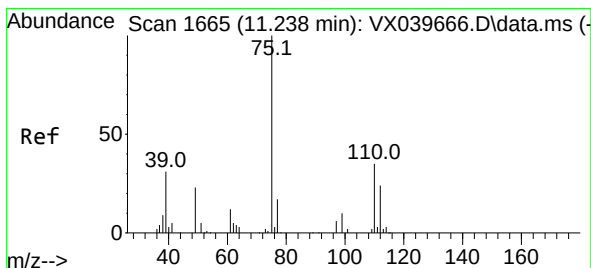
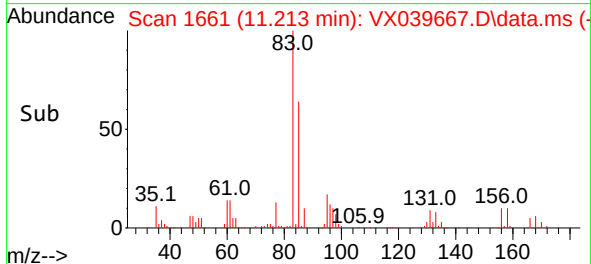
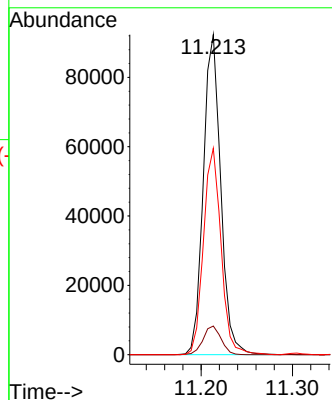
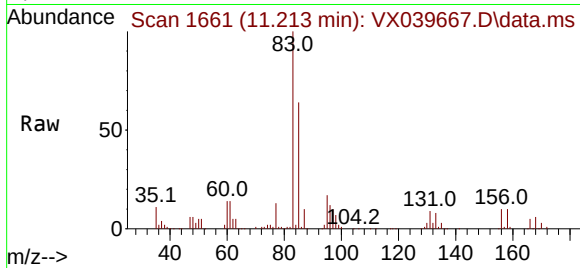
#71
1,1,2,2-Tetrachloroethane
Concen: 48.567 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 122092
Ion Ratio Lower Upper
83 100
131 9.3 4.6 13.8
85 65.0 32.5 97.4

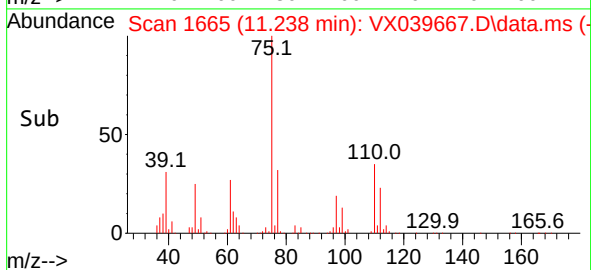
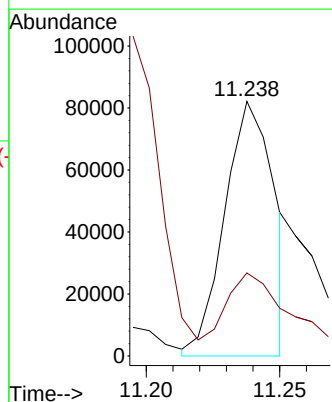
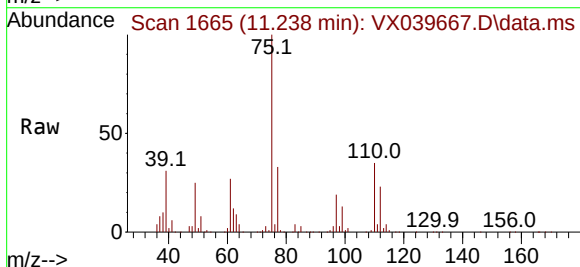
Manual Integrations
APPROVED

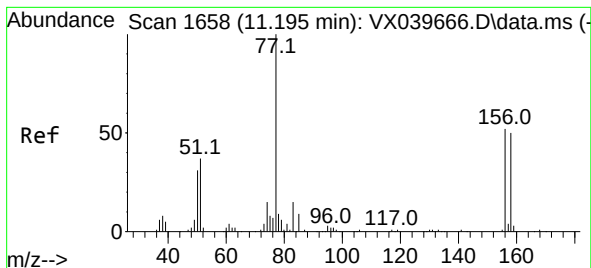
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#72
1,2,3-Trichloropropane
Concen: 49.399 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Tgt Ion: 75 Resp: 105923
Ion Ratio Lower Upper
75 100
77 43.9 0.0 76.4





#73

Bromobenzene

Concen: 48.438 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

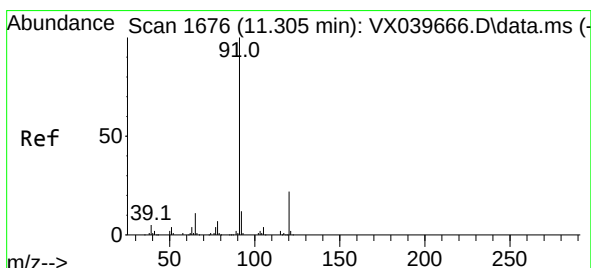
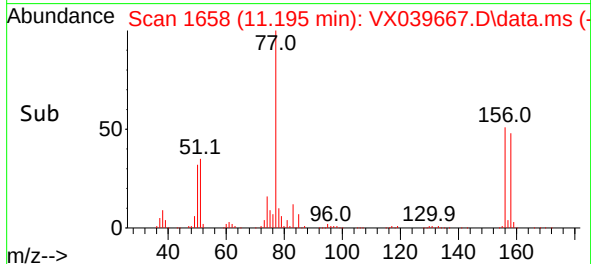
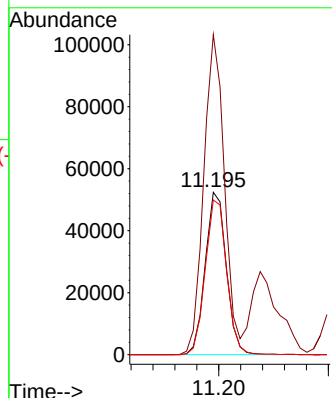
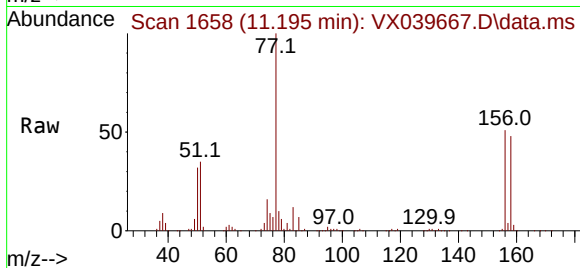
Tgt Ion:	156	Resp:	69994
Ion Ratio	Lower	Upper	
156	100		
77	192.5	0.0	363.2
158	96.3	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#74

n-propylbenzene

Concen: 50.648 ug/l

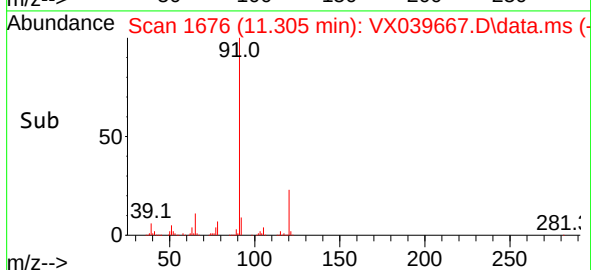
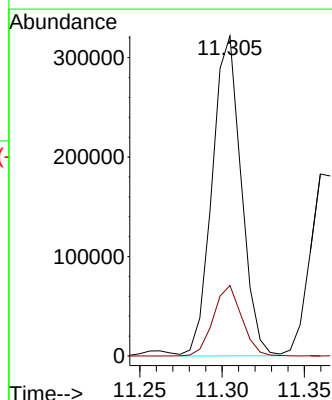
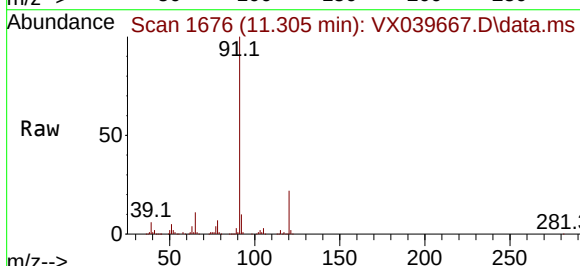
RT: 11.305 min Scan# 1676

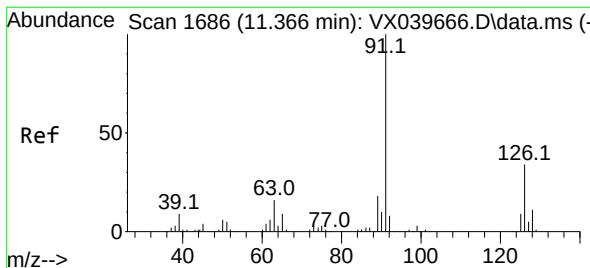
Delta R.T. -0.000 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

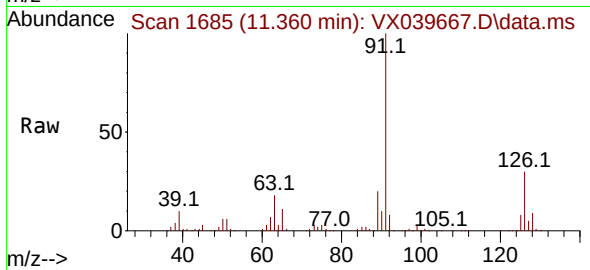
Tgt Ion:	91	Resp:	395241
Ion Ratio	Lower	Upper	
91	100		
120	21.6	0.0	43.4





#75
2-Chlorotoluene
Concen: 49.683 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

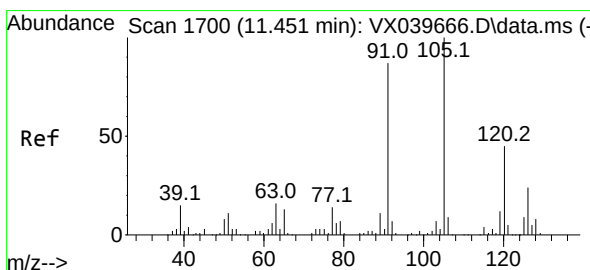
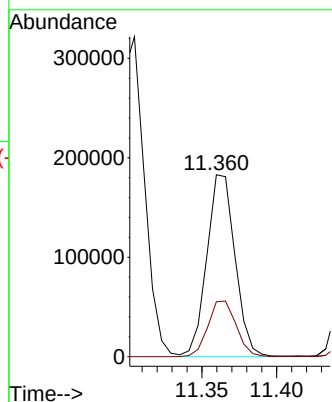
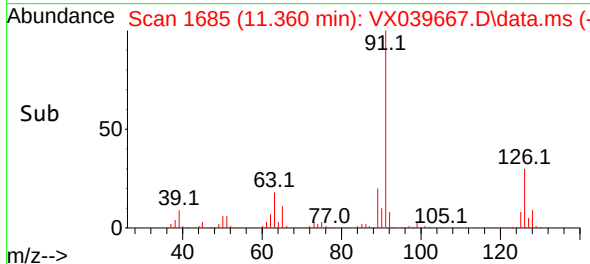
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



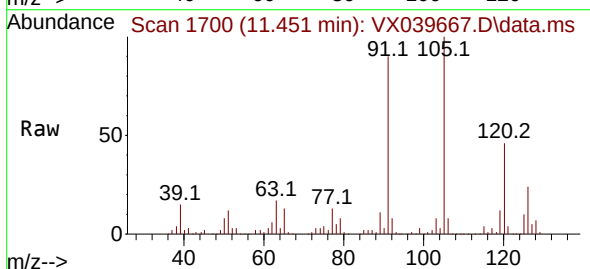
Tgt Ion: 91 Resp: 24086
Ion Ratio Lower Upper
91 100
126 30.6 0.0 64.2

Manual Integrations
APPROVED

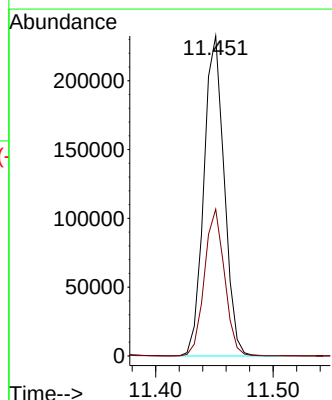
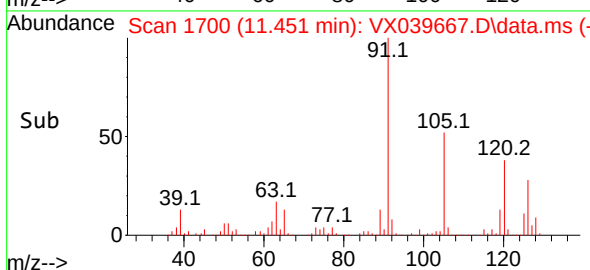
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

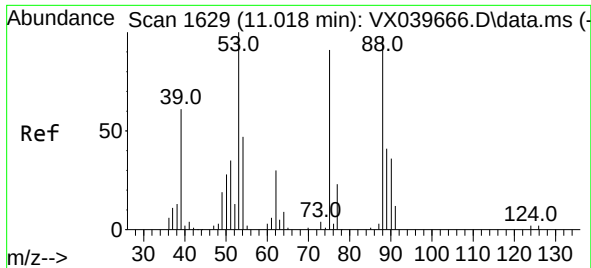


#76
1,3,5-Trimethylbenzene
Concen: 50.041 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30



Tgt Ion:105 Resp: 279799
Ion Ratio Lower Upper
105 100
120 45.3 0.0 92.6





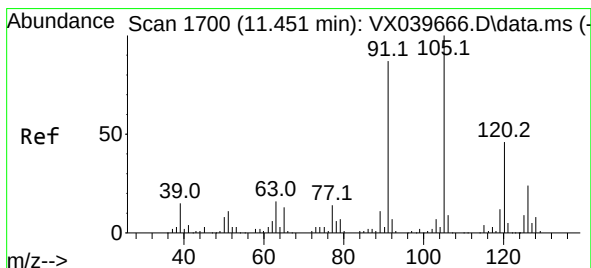
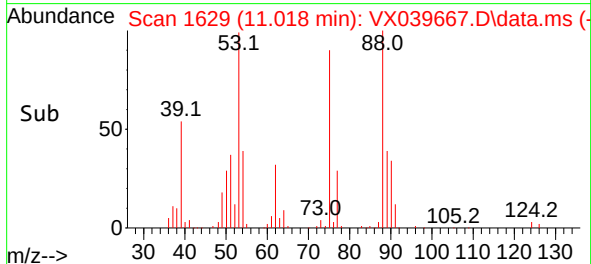
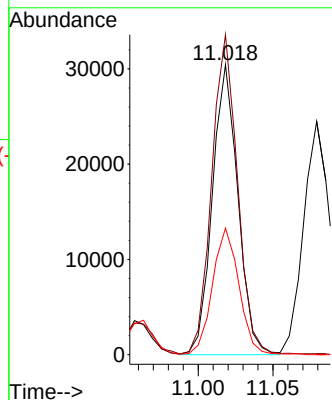
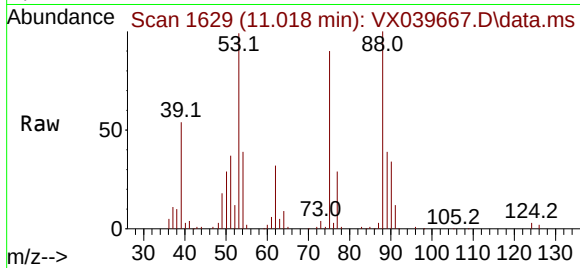
#77
t-1,4-Dichloro-2-butene
Concen: 52.457 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 75 Resp: 3619
Ion Ratio Lower Upper
75 100
53 110.3 46.9 140.8
89 43.5 21.3 63.7

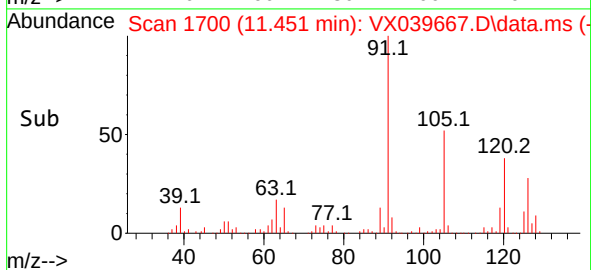
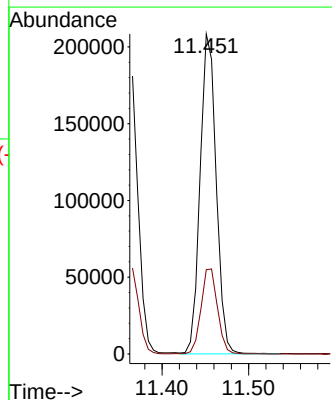
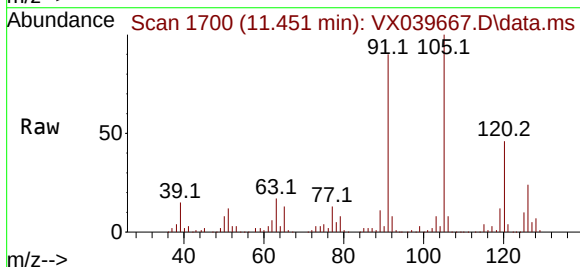
Manual Integrations
APPROVED

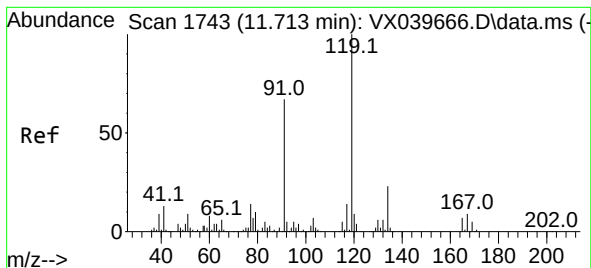
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#78
4-Chlorotoluene
Concen: 50.021 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Tgt Ion: 91 Resp: 268969
Ion Ratio Lower Upper
91 100
126 27.2 0.0 57.4





#79

tert-butylbenzene

Concen: 50.176 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

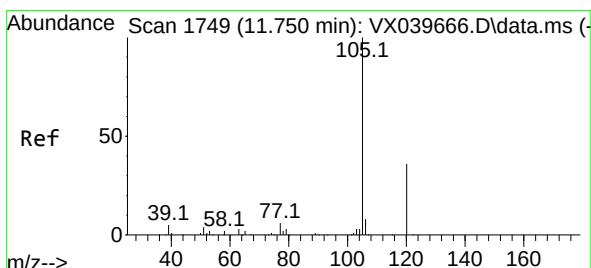
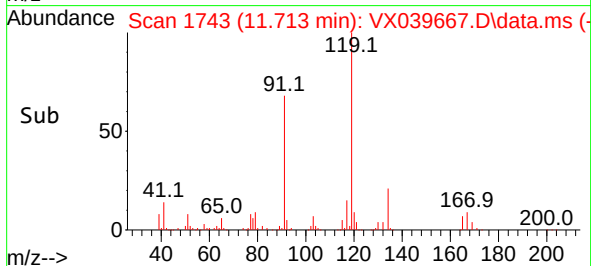
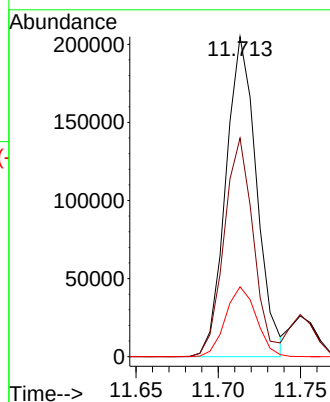
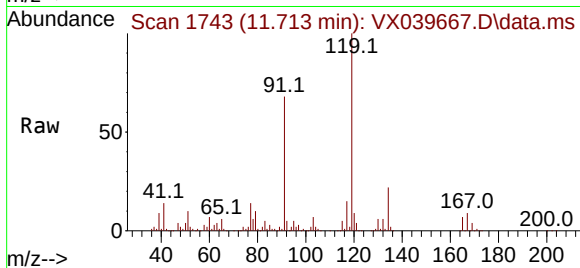
Tgt Ion:	119	Resp:	26583
Ion Ratio	Lower	Upper	
119	100		
91	65.5	0.0	125.6
134	21.9	0.0	43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#80

1,2,4-Trimethylbenzene

Concen: 50.212 ug/l

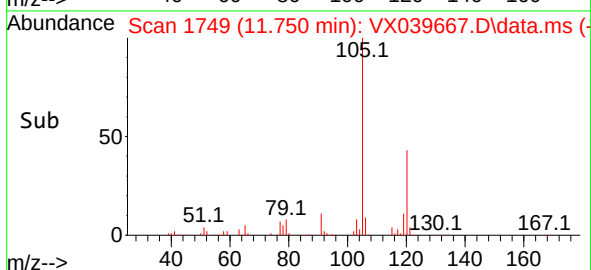
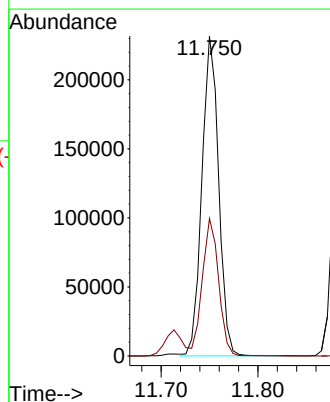
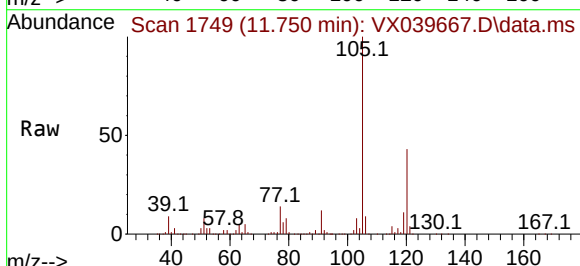
RT: 11.750 min Scan# 1749

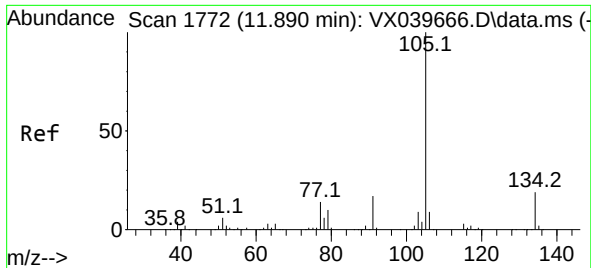
Delta R.T. -0.000 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

Tgt Ion:	105	Resp:	278629
Ion Ratio	Lower	Upper	
105	100		
120	41.4	0.0	86.4





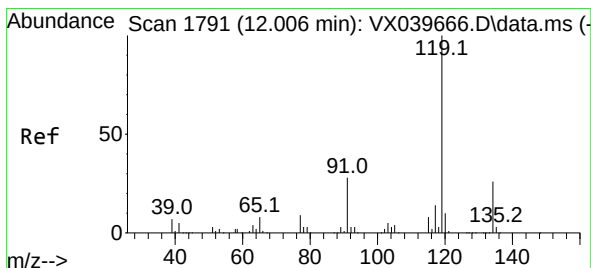
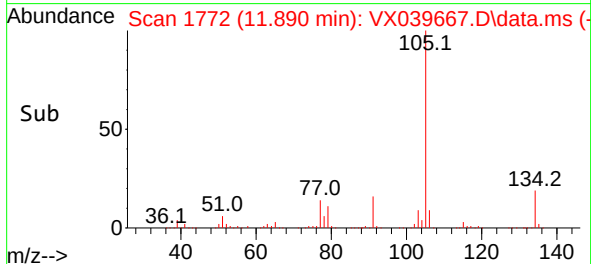
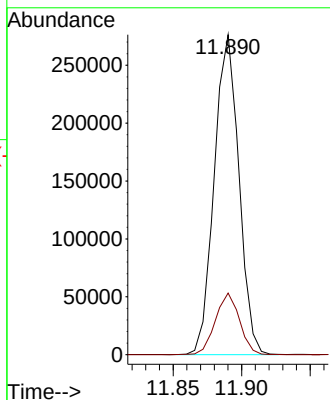
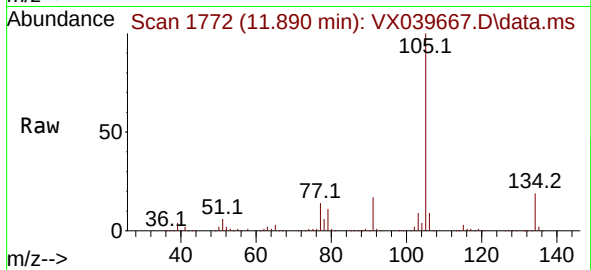
#81
 sec-Butylbenzene
 Concen: 50.756 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039667.D
 Acq: 08 Jan 2024 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tgt Ion:105 Resp: 34559
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 38.4

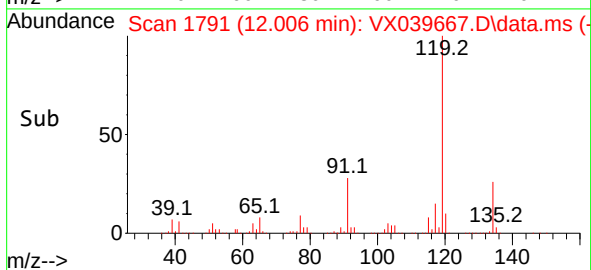
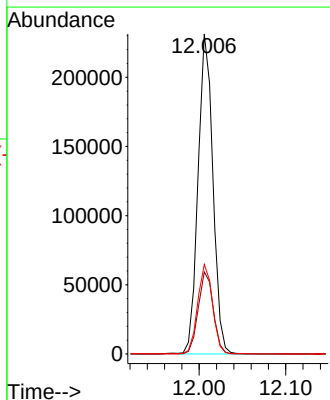
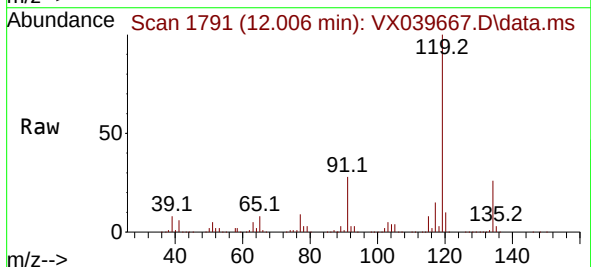
Manual Integrations
 APPROVED

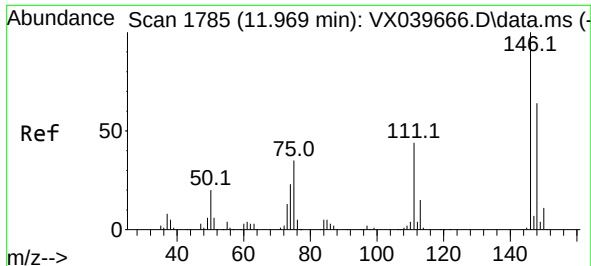
Reviewed By :John Carlone 01/09/2024
 Supervised By :Mahesh Dadoda 01/09/2024



#82
 p-Isopropyltoluene
 Concen: 50.797 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX039667.D
 Acq: 08 Jan 2024 17:30

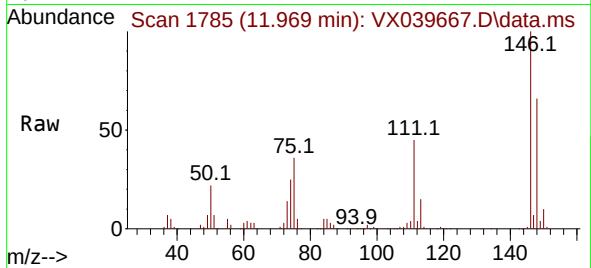
Tgt Ion:119 Resp: 275268
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.6
 91 28.0 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 49.351 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

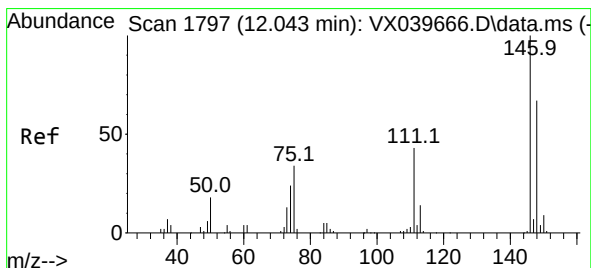
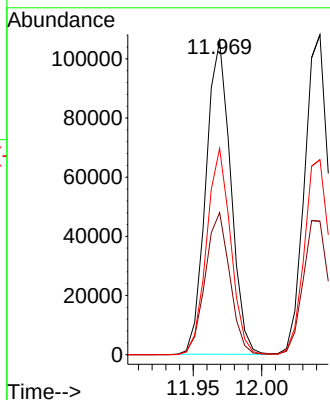
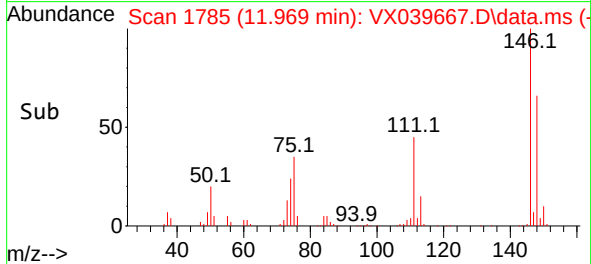
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



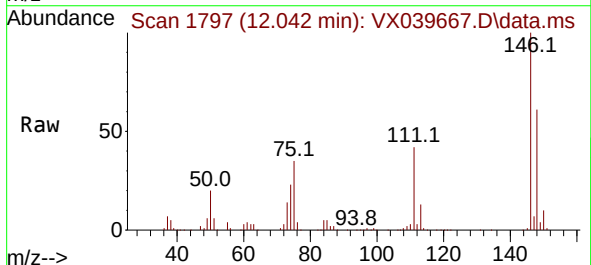
Tgt Ion:146 Resp: 133288
Ion Ratio Lower Upper
146 100
111 44.9 22.3 66.9
148 63.8 32.8 98.3

Manual Integrations
APPROVED

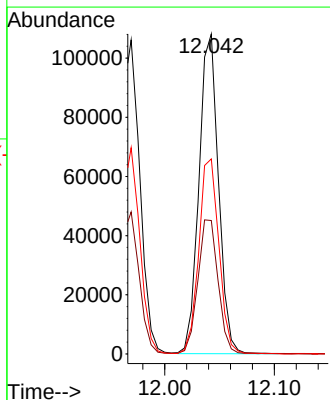
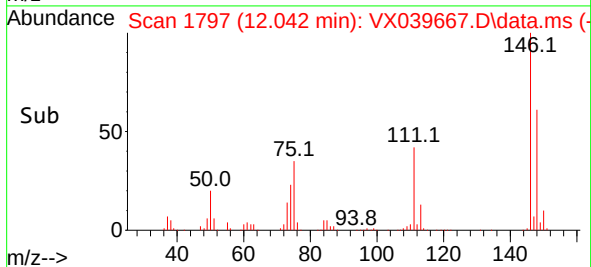
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

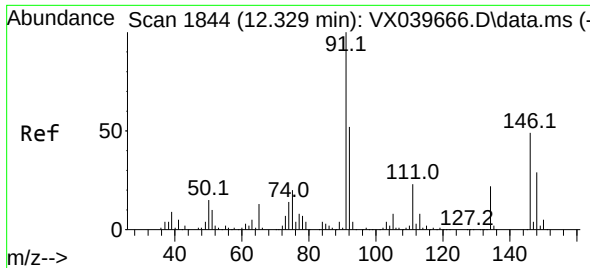


#84
1,4-Dichlorobenzene
Concen: 49.829 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.001 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30



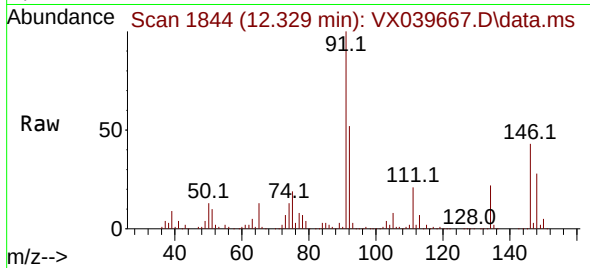
Tgt Ion:146 Resp: 133481
Ion Ratio Lower Upper
146 100
111 43.7 21.4 64.2
148 63.0 31.8 95.4





#85
n-Butylbenzene
Concen: 51.924 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

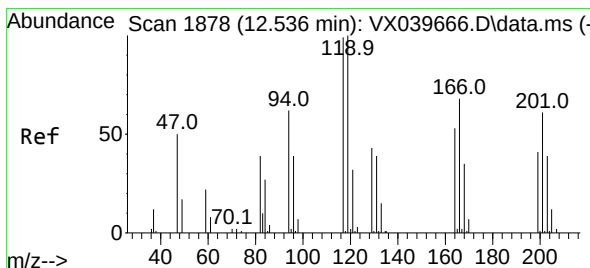
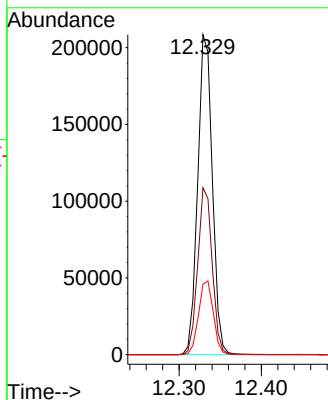
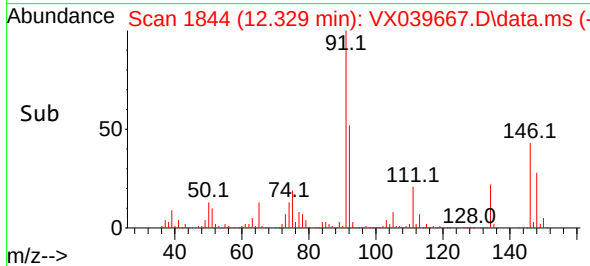
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 91 Resp: 25752
Ion Ratio Lower Upper
91 100
92 51.6 0.0 106.2
134 23.3 0.0 48.8

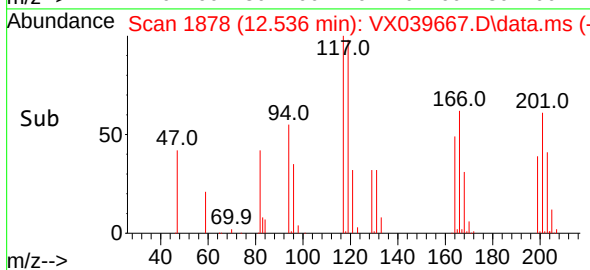
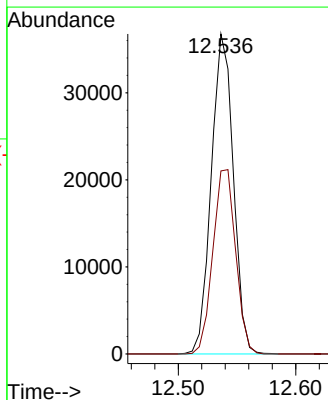
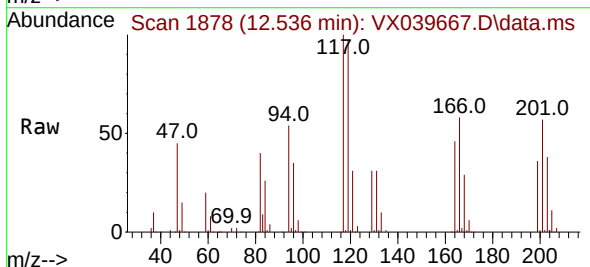
Manual Integrations
APPROVED

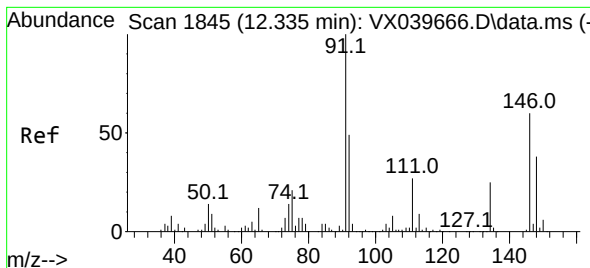
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#86
Hexachloroethane
Concen: 51.747 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039667.D
Acq: 08 Jan 2024 17:30

Tgt Ion:117 Resp: 47975
Ion Ratio Lower Upper
117 100
201 59.6 31.8 95.3





#87

1,2-Dichlorobenzene

Concen: 48.783 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion:146 Resp: 13203

Ion Ratio Lower Upper

146 100

111 46.7 22.4 67.2

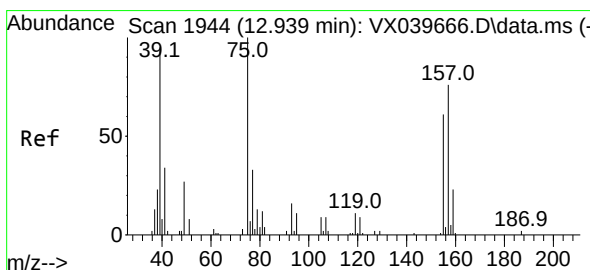
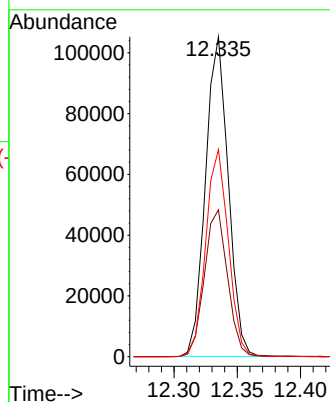
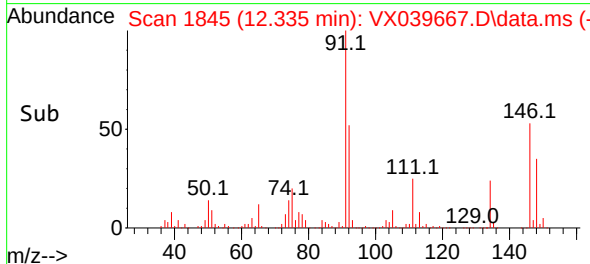
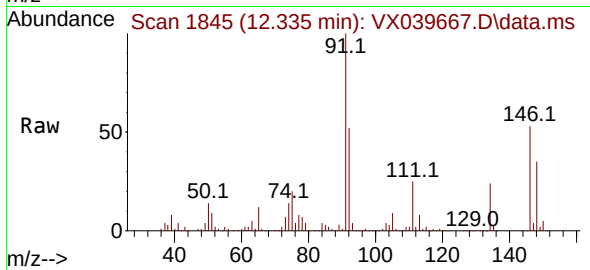
148 64.3 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 51.154 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

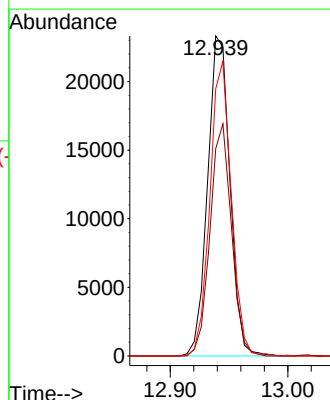
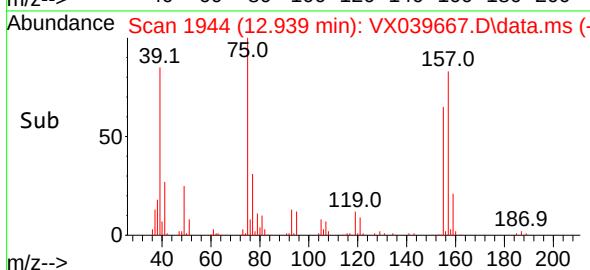
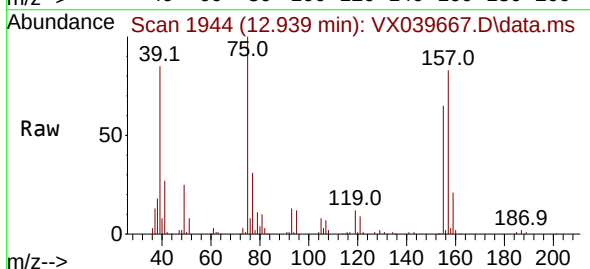
Tgt Ion: 75 Resp: 30792

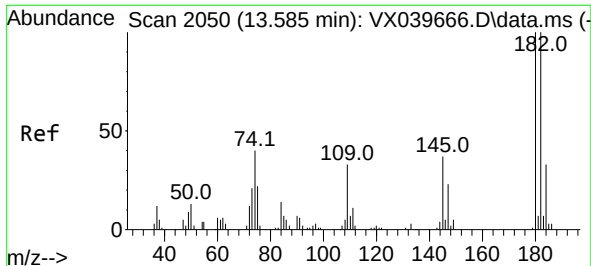
Ion Ratio Lower Upper

75 100

155 69.6 58.2 87.4

157 88.1 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 50.108 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion:180 Resp: 7646

Ion Ratio Lower Upper

180 100

182 95.5 74.5 111.7

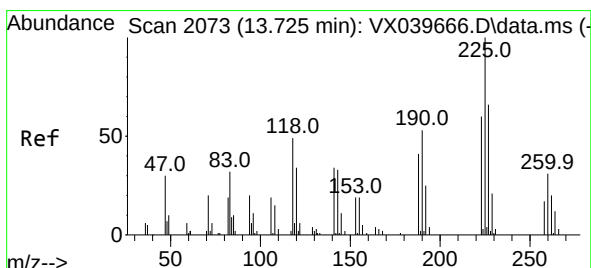
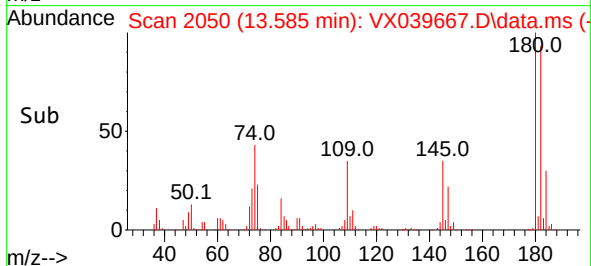
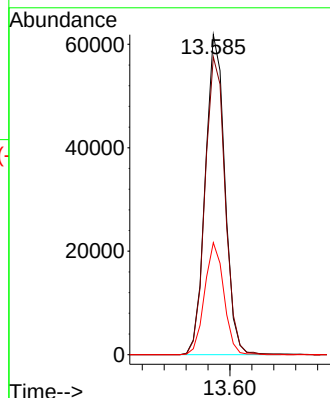
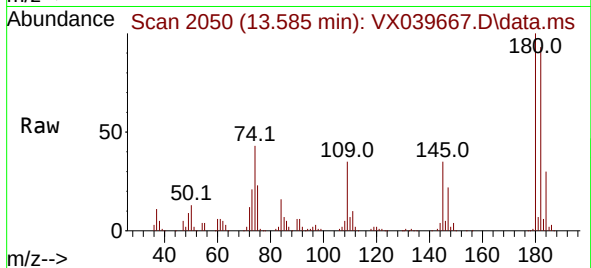
145 34.4 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#90

Hexachlorobutadiene

Concen: 48.556 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

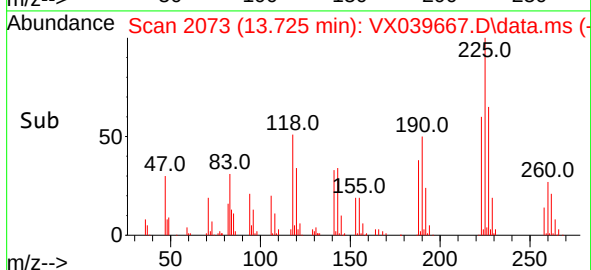
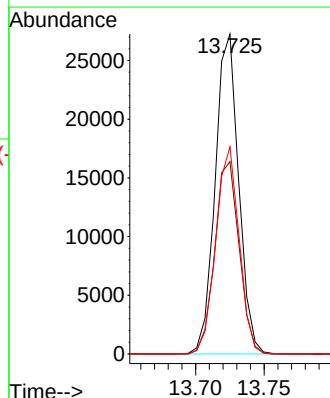
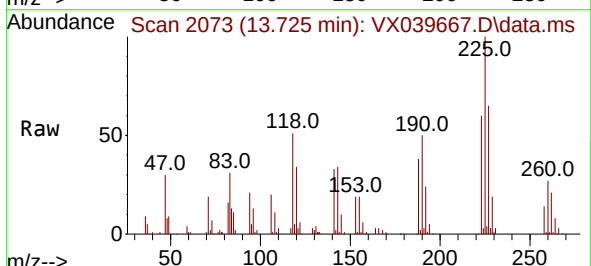
Tgt Ion:225 Resp: 32437

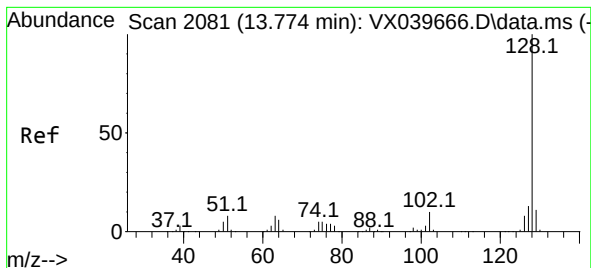
Ion Ratio Lower Upper

225 100

223 62.2 0.0 124.4

227 64.5 0.0 124.4





#91

Naphthalene

Concen: 50.874 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion:128 Resp: 30288

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

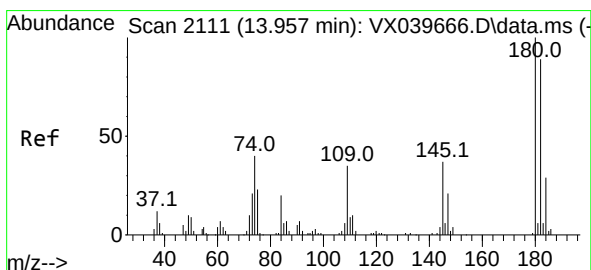
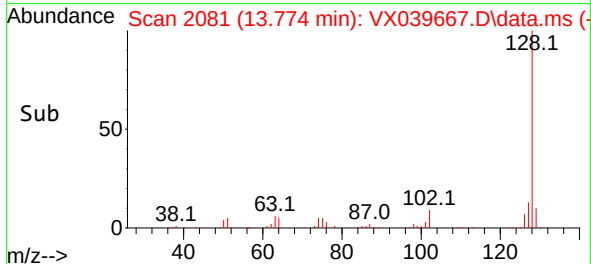
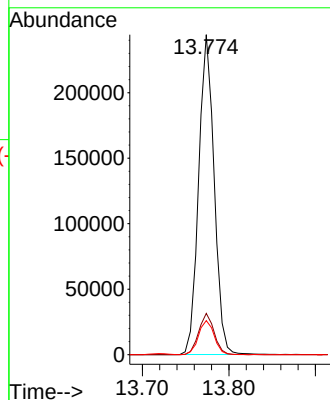
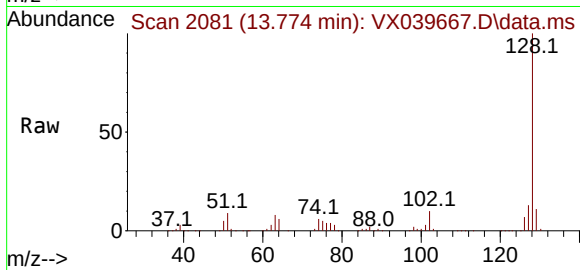
129 10.9 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#92

1,2,3-Trichlorobenzene

Concen: 50.248 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX039667.D

Acq: 08 Jan 2024 17:30

Tgt Ion:180 Resp: 79392

Ion Ratio Lower Upper

180 100

182 93.2 0.0 191.6

145 37.0 0.0 69.6

