

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030524\
 Data File : VX040582.D
 Acq On : 05 Mar 2024 12:07
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/05/2024
 Supervised By : Mahesh Dadoda 03/06/2024

Quant Time: Mar 05 13:16:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:11:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	15229	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	90762	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	88299	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	47677	19.970	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	66.567%#		
60) 4-Bromofluorobenzene	11.079	95	47304	24.289	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	80.967%		
63) Toluene-d8	8.653	98	108031	29.758	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	105660	41.067	ug/l	98
3) Chloromethane	1.294	50	107880	37.740	ug/l	97
4) Vinyl Chloride	1.373	62	118389	42.437	ug/l	97
5) Bromomethane	1.599	94	55463	41.604	ug/l	99
6) Chloroethane	1.672	64	62316	49.074	ug/l	97
7) Trichlorofluoromethane	1.879	101	176558	44.819	ug/l	95
8) Diethyl Ether	2.135	74	58697	39.822	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.324	101	99184	41.107	ug/l	95
10) 1,1-Dichloroethene	2.312	96	93852	40.595	ug/l	95
11) Methyl Iodide	2.453	142	119276	47.082	ug/l	97
12) Methyl Acetate	2.702	43	157927	42.415	ug/l	98
13) Acrolein	2.239	56	142991	257.388	ug/l	100
14) Acrylonitrile	3.068	53	302607	177.222	ug/l	98
15) Acetone	2.379	58	85448	158.651	ug/l	69
16) Carbon Disulfide	2.507	76	260374	41.774	ug/l	96
17) Allyl chloride	2.660	41	175795	38.561	ug/l	89
18) Methylene Chloride	2.788	84	107585	39.808	ug/l	98
19) trans-1,2-Dichloroethene	3.087	96	104051	42.415	ug/l	95
20) Diisopropyl ether	3.763	45	352178	39.577	ug/l	92
21) 1,1-Dichloroethane	3.611	63	201768	40.610	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	120484	42.017	ug/l	94
23) tert-Butyl Alcohol	2.971	59	147226	184.064	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	351521	41.484	ug/l	95
25) Chloroform	5.092	83	220649	45.251	ug/l	94
26) Cyclohexane	5.470	56	164549	38.176	ug/l #	96
29) 1,1-Dichloropropene	5.690	75	159849	61.372	ug/l	97
30) 2-Butanone	4.556	43	471117	252.193	ug/l	99
31) 2,2-Dichloropropane	4.477	77	173194	59.808	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	200373	66.562	ug/l	98
33) Carbon Tetrachloride	5.678	117	171589	72.305	ug/l	95
34) Benzene	6.037	78	423959	54.870	ug/l	98
35) Methacrylonitrile	4.922	41	101066	56.227	ug/l	96
36) 1,2-Dichloroethane	6.086	62	197830	65.293	ug/l #	95
37) Trichloroethene	7.122	130	107406	58.508	ug/l	97
38) Methylcyclohexane	7.378	83	164116	51.501	ug/l	98
39) 1,2-Dichloropropane	7.427	63	101763	48.880	ug/l	99
40) Dibromomethane	7.580	93	78789	56.028	ug/l	95
41) Bromodichloromethane	7.823	83	160726	61.679	ug/l	96
42) Vinyl Acetate	3.721	43	1681332	272.210	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030524\
 Data File : VX040582.D
 Acq On : 05 Mar 2024 12:07
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

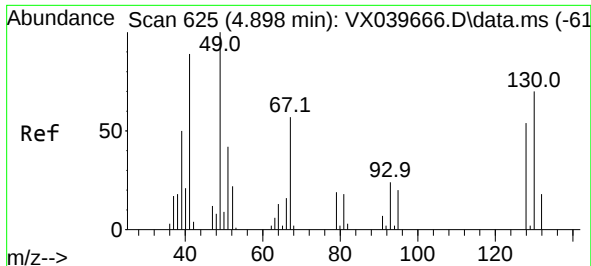
Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/05/2024
 Supervised By : Mahesh Dadoda 03/06/2024

Quant Time: Mar 05 13:16:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:11:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	175815	50.212	ug/l	99
44) Isopropyl Acetate	6.342	43	293572	54.235	ug/l	95
45) 1,4-Dioxane	7.659	88	54681	1047.792	ug/l	95
46) Methyl methacrylate	7.689	41	141661	54.492	ug/l	95
47) n-amyl Acetate	10.841	43	282764	59.815	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	179320	63.937	ug/l	95
49) cis-1,3-Dichloropropene	8.366	75	178339	58.062	ug/l	91
50) 1,1,2-Trichloroethane	9.153	97	107244	55.634	ug/l	98
51) Ethyl methacrylate	9.116	69	176480	54.806	ug/l	95
52) 1,3-Dichloropropane	9.305	76	183928	55.293	ug/l	100
53) Dibromochloromethane	9.524	129	130573	72.786	ug/l	98
54) 1,2-Dibromoethane	9.610	107	128203	63.460	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	432581	276.079	ug/l	99
56) Bromoform	10.799	173	101001	83.588	ug/l #	98
58) 4-Methyl-2-Pentanone	8.573	43	913841	314.637	ug/l	99
59) 2-Hexanone	9.433	43	797701	339.293	ug/l	97
61) Tetrachloroethene	9.274	164	92078	78.723	ug/l	98
62) Toluene	8.720	91	438655	67.011	ug/l	100
64) Chlorobenzene	10.079	112	297525	78.174	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	113750	84.068	ug/l	98
66) Ethyl Benzene	10.195	91	563468	78.391	ug/l	100
67) m/p-Xylenes	10.299	106	422052	160.749	ug/l	96
68) o-Xylene	10.640	106	205715	78.045	ug/l	96
69) Styrene	10.652	104	352586	83.672	ug/l	98
70) Isopropylbenzene	10.963	105	564458	81.134	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	198828	74.407	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	194322m	86.943	ug/l	
73) Bromobenzene	11.195	156	131422	85.561	ug/l	96
74) n-propylbenzene	11.305	91	696571	83.975	ug/l	100
75) 2-Chlorotoluene	11.366	91	409067	79.380	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	494609	83.220	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	59453	81.057	ug/l	83
78) 4-Chlorotoluene	11.457	91	493889	86.410	ug/l	98
79) tert-butylbenzene	11.713	119	462385	82.106	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	486098	82.412	ug/l	97
81) sec-Butylbenzene	11.890	105	599433	82.822	ug/l	99
82) p-Isopropyltoluene	12.012	119	499331	86.687	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	256930	89.495	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	259445	91.115	ug/l	99
85) n-Butylbenzene	12.335	91	446570	84.706	ug/l	98
86) Hexachloroethane	12.536	117	83734	84.969	ug/l	90
87) 1,2-Dichlorobenzene	12.335	146	228524	79.430	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	47902	74.865	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	153524	94.646	ug/l	98
90) Hexachlorobutadiene	13.725	225	62452	87.949	ug/l	97
91) Naphthalene	13.774	128	501625	79.265	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	147110	87.593	ug/l	100

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



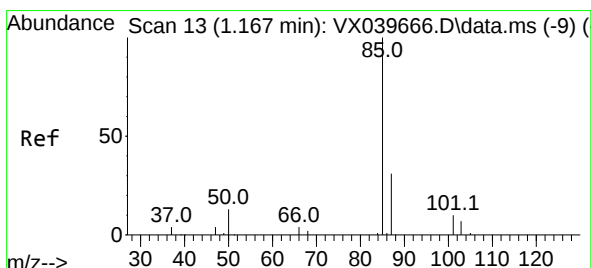
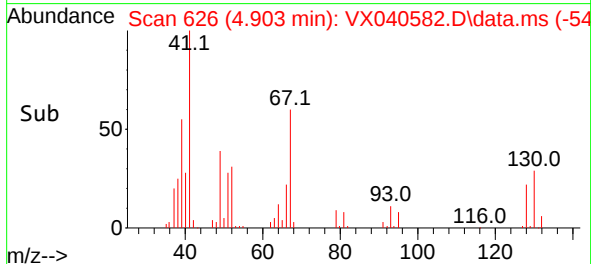
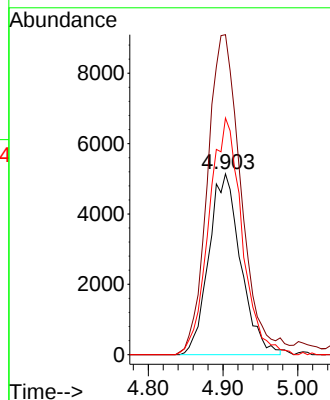
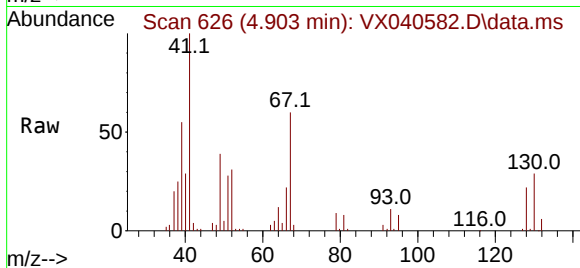
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.005 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 15229
Ion Ratio Lower Upper
128 100
49 184.7 0.0 444.0
130 135.8 0.0 297.8

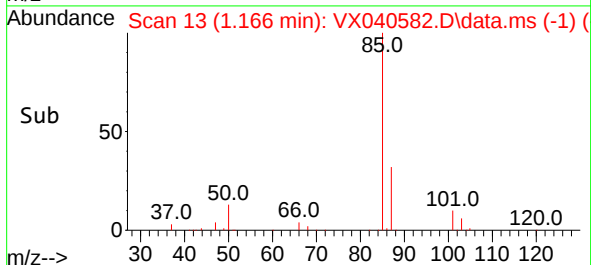
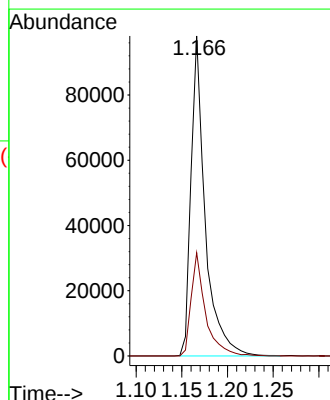
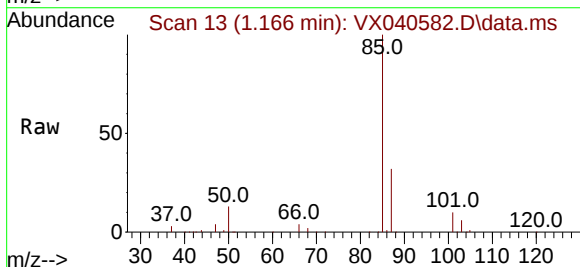
Manual Integrations
APPROVED

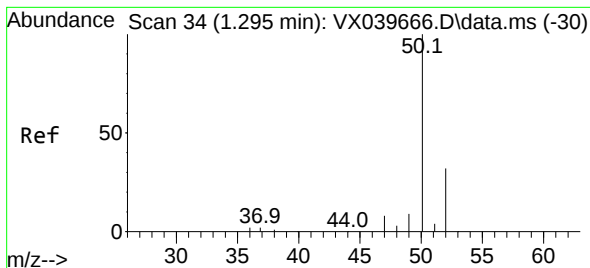
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#2
Dichlorodifluoromethane
Concen: 41.067 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

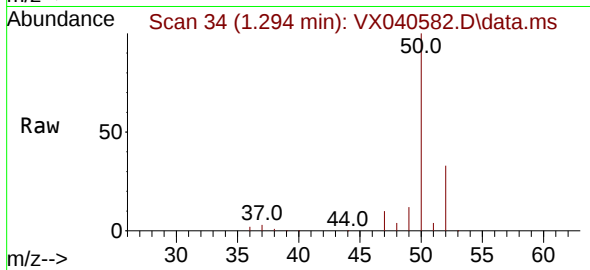
Tgt Ion: 85 Resp: 105660
Ion Ratio Lower Upper
85 100
87 32.2 16.7 50.1





#3
Chloromethane
Concen: 37.740 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

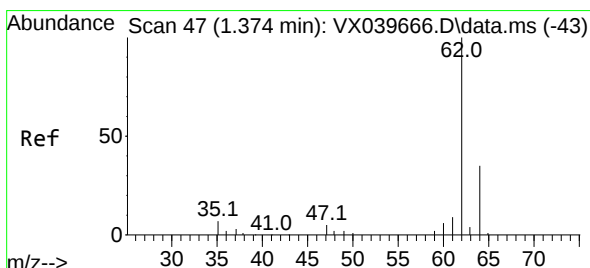
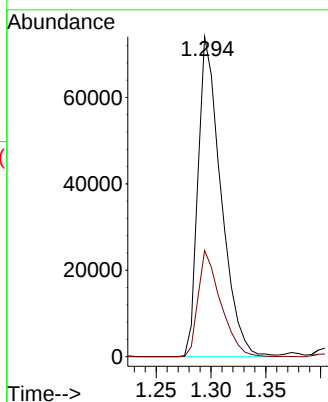
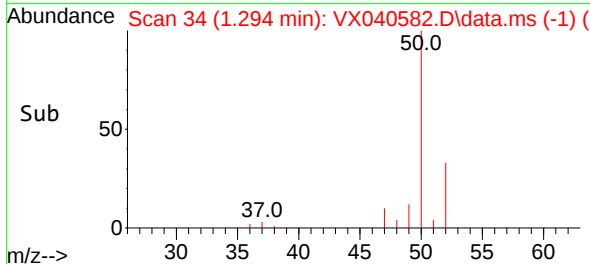
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



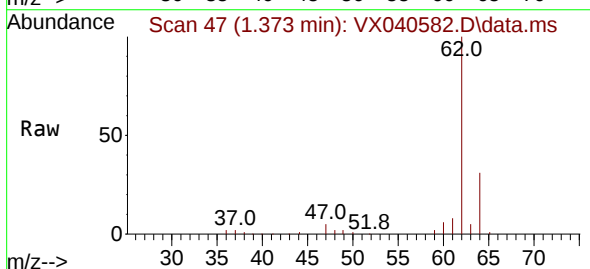
Tgt Ion: 50 Resp: 107880
Ion Ratio Lower Upper
50 100
52 33.2 27.8 41.8

Manual Integrations
APPROVED

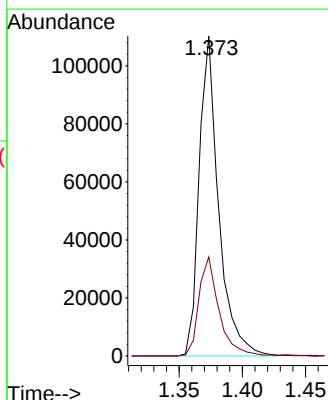
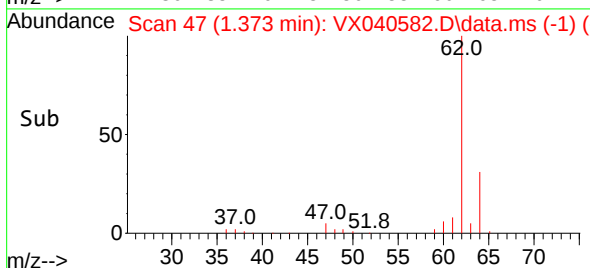
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024

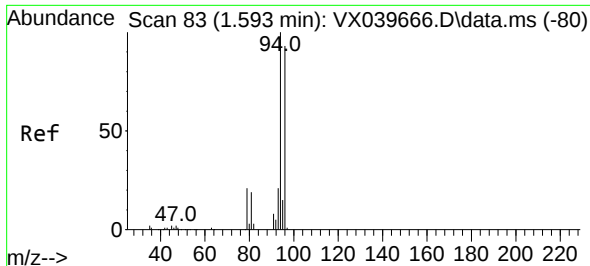


#4
Vinyl Chloride
Concen: 42.437 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07



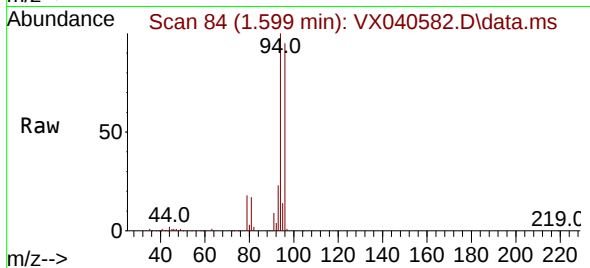
Tgt Ion: 62 Resp: 118389
Ion Ratio Lower Upper
62 100
64 30.9 26.3 39.5





#5
Bromomethane
Concen: 41.604 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

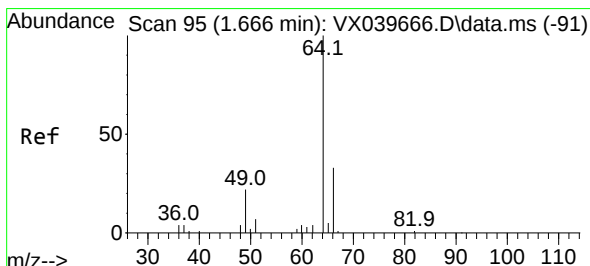
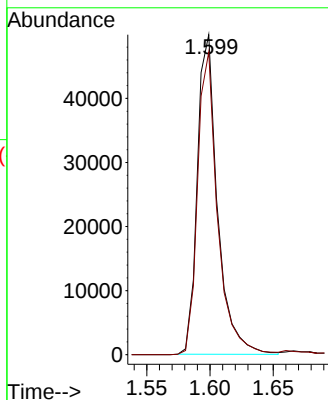
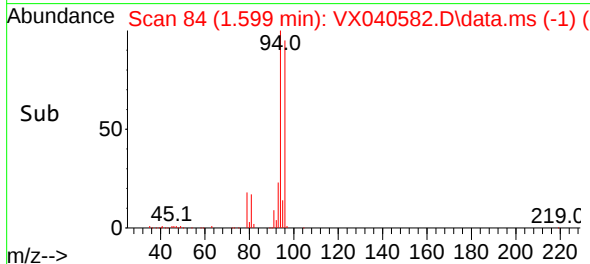
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 94 Resp: 5546
Ion Ratio Lower Upper
94 100
96 94.6 74.9 112.3

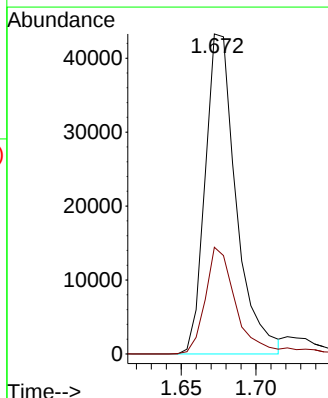
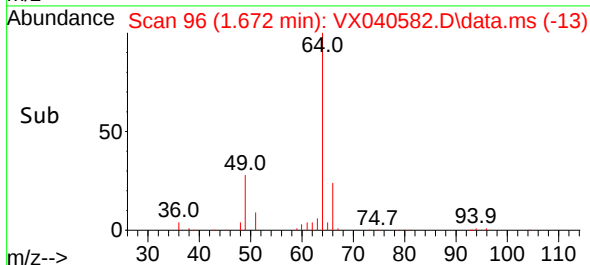
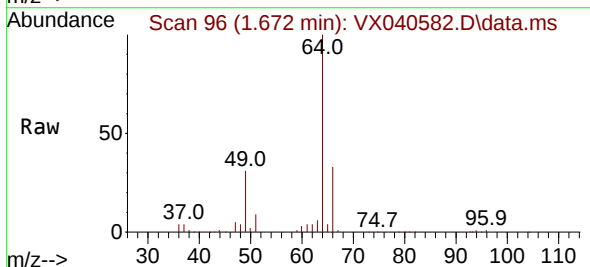
Manual Integrations
APPROVED

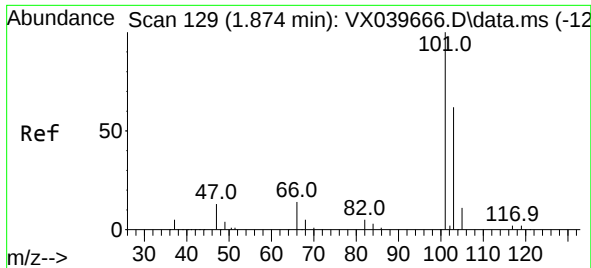
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#6
Chloroethane
Concen: 49.074 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

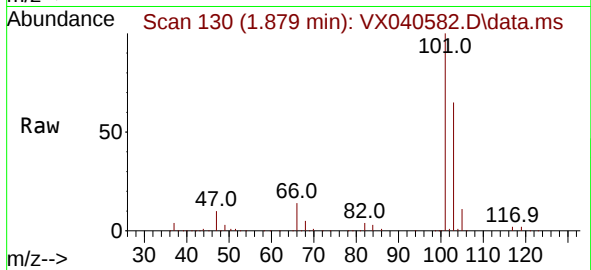
Tgt Ion: 64 Resp: 62316
Ion Ratio Lower Upper
64 100
66 33.2 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 44.819 ug/l
 RT: 1.879 min Scan# 11
 Delta R.T. 0.005 min
 Lab File: VX040582.D
 Acq: 05 Mar 2024 12:07

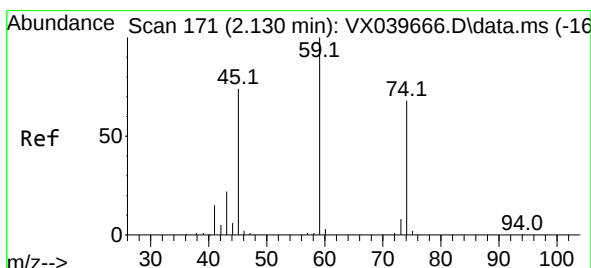
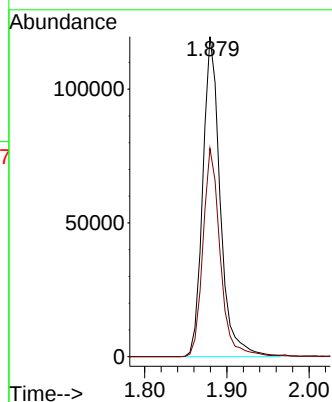
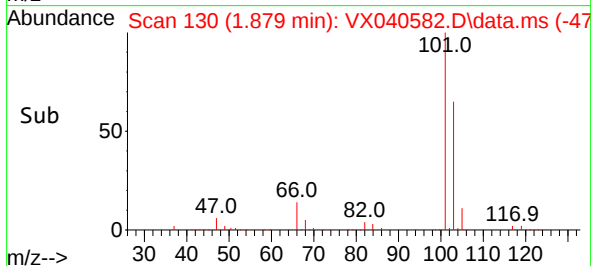
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100



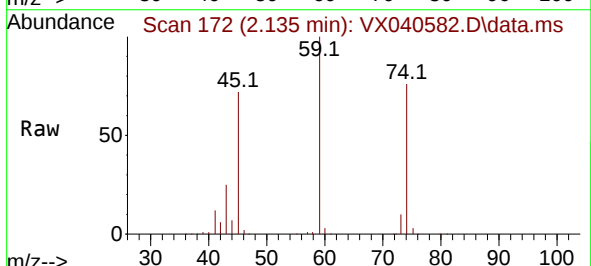
Tgt Ion:101 Resp: 17655
 Ion Ratio Lower Upper
 101 100
 103 65.1 49.1 73.7

Manual Integrations
 APPROVED

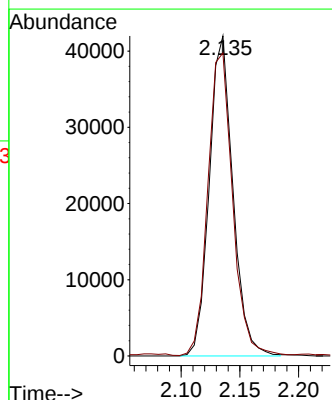
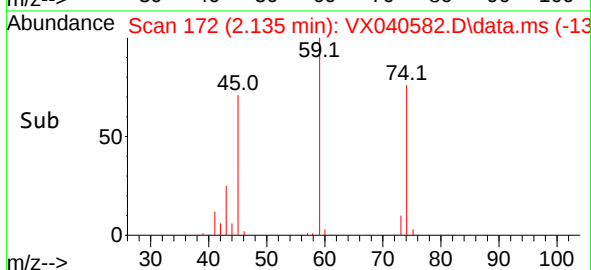
Reviewed By :John Carlone 03/05/2024
 Supervised By :Mahesh Dadoda 03/06/2024

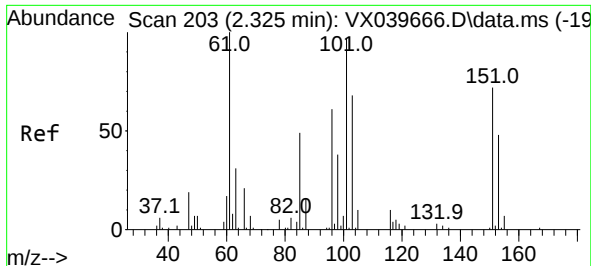


#8
 Diethyl Ether
 Concen: 39.822 ug/l
 RT: 2.135 min Scan# 172
 Delta R.T. 0.005 min
 Lab File: VX040582.D
 Acq: 05 Mar 2024 12:07



Tgt Ion: 74 Resp: 58697
 Ion Ratio Lower Upper
 74 100
 45 98.8 20.5 184.5





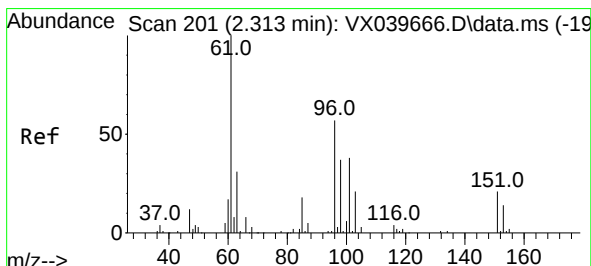
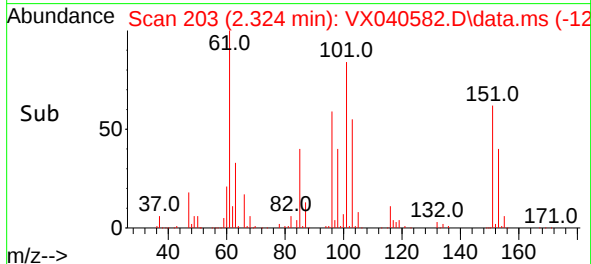
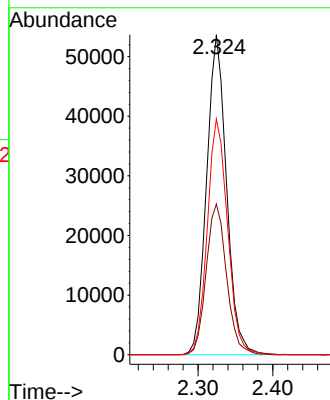
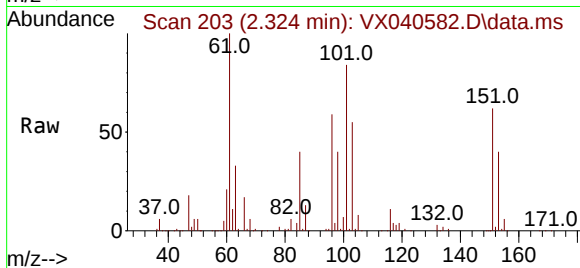
#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.107 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.001 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 99184
Ion Ratio Lower Upper
101 100
85 48.2 0.0 95.2
151 74.9 0.0 136.8

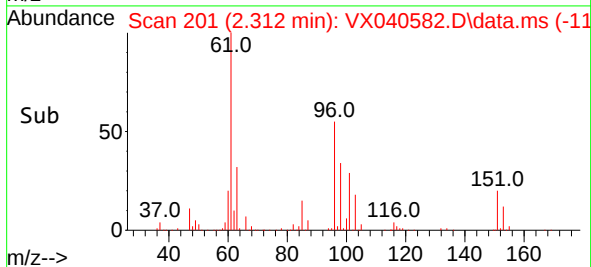
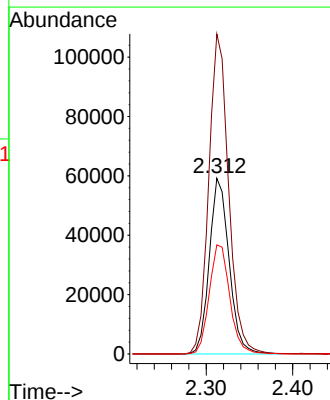
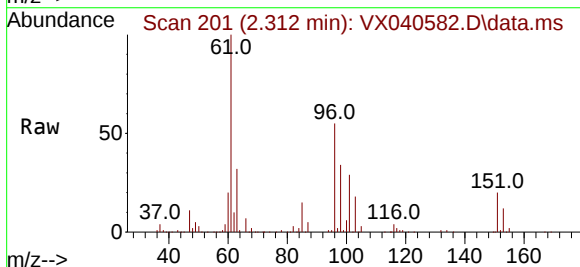
Manual Integrations
APPROVED

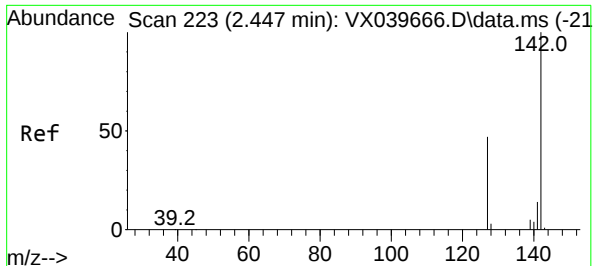
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#10
1,1-Dichloroethene
Concen: 40.595 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.001 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Tgt Ion: 96 Resp: 93852
Ion Ratio Lower Upper
96 100
61 182.2 138.3 207.5
98 62.1 49.8 74.6





#11

Methyl Iodide

Concen: 47.082 ug/l

RT: 2.453 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040582.D

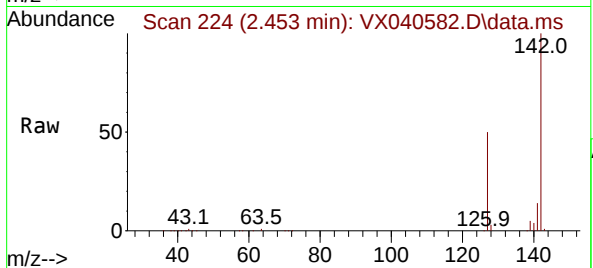
Acq: 05 Mar 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



Tgt Ion:142 Resp: 119270

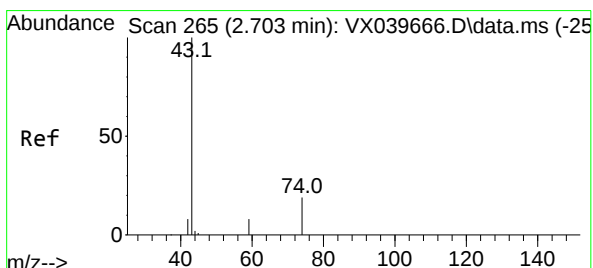
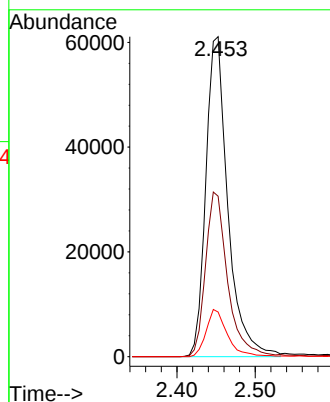
Ion	Ratio	Lower	Upper
142	100		
127	50.0	23.8	71.4
141	13.9	6.9	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2024

Supervised By :Mahesh Dadoda 03/06/2024



#12

Methyl Acetate

Concen: 42.415 ug/l

RT: 2.702 min Scan# 265

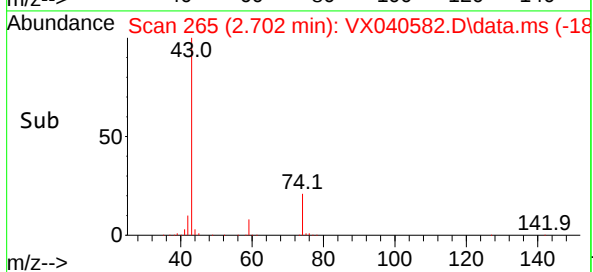
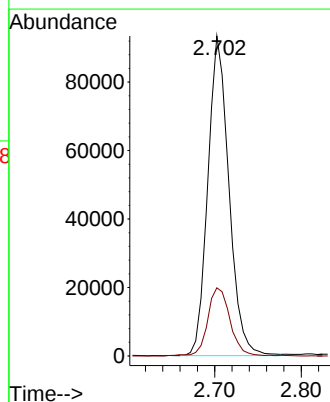
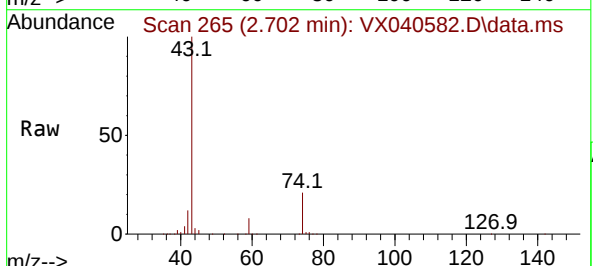
Delta R.T. -0.001 min

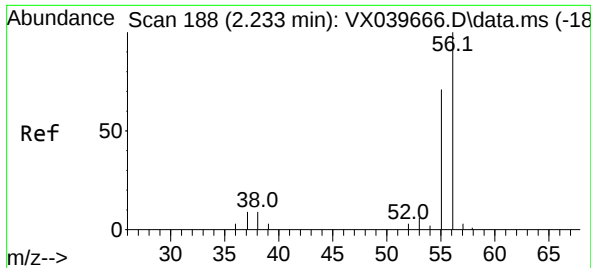
Lab File: VX040582.D

Acq: 05 Mar 2024 12:07

Tgt Ion: 43 Resp: 157927

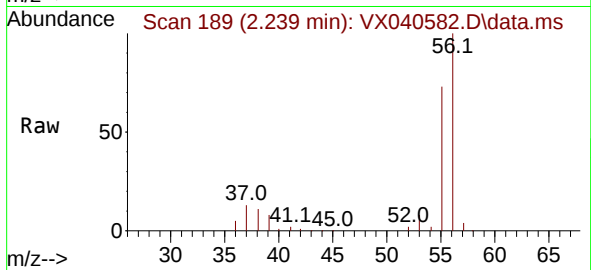
Ion	Ratio	Lower	Upper
43	100		
74	21.1	17.8	26.6





#13
Acrolein
Concen: 257.388 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

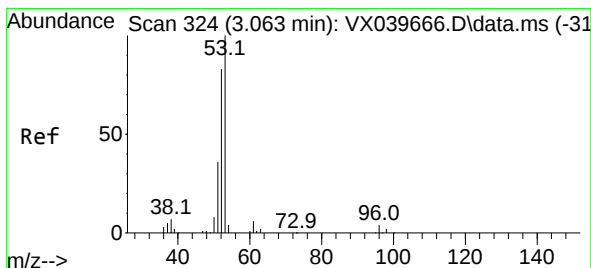
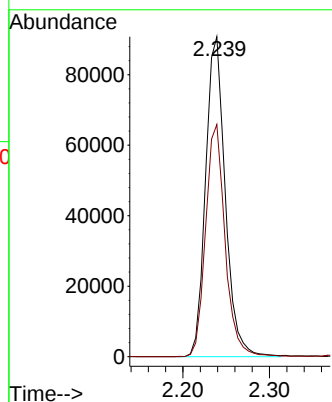
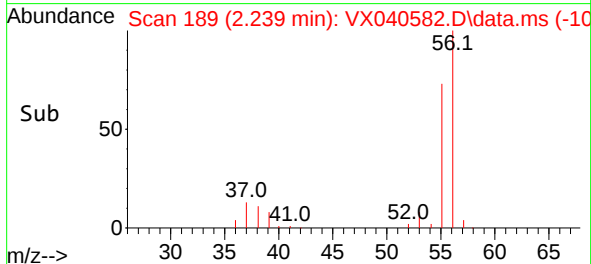
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 56 Resp: 14299
Ion Ratio Lower Upper
56 100
55 71.8 57.2 85.8

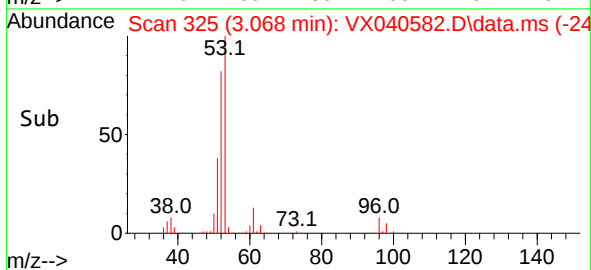
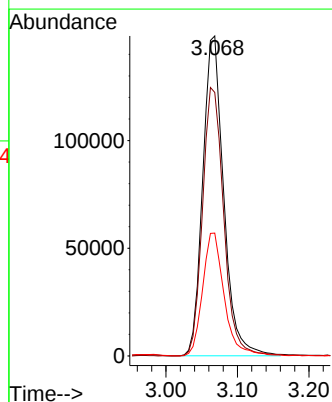
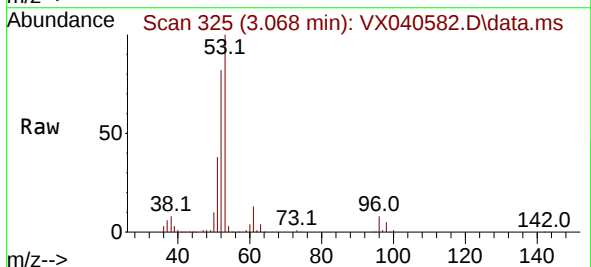
Manual Integrations
APPROVED

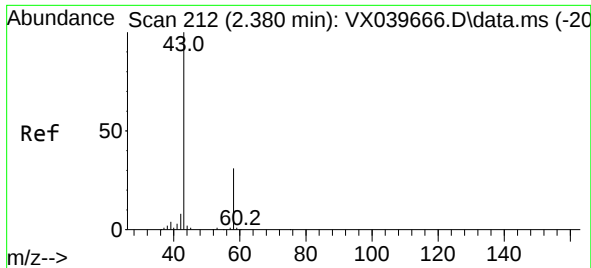
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#14
Acrylonitrile
Concen: 177.222 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.005 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Tgt Ion: 53 Resp: 302607
Ion Ratio Lower Upper
53 100
52 84.9 41.9 125.6
51 39.6 18.3 54.9





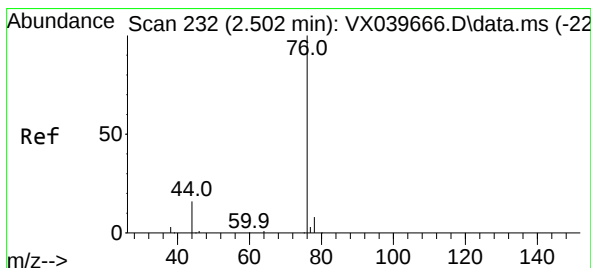
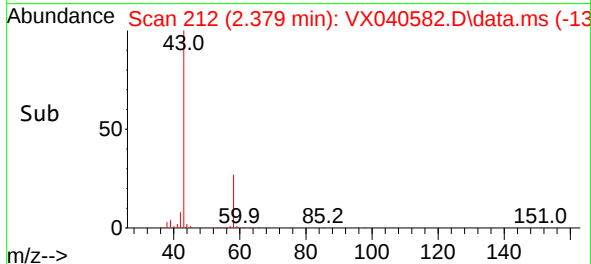
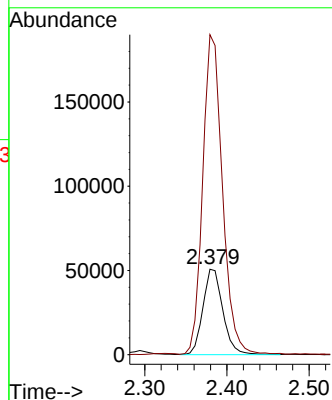
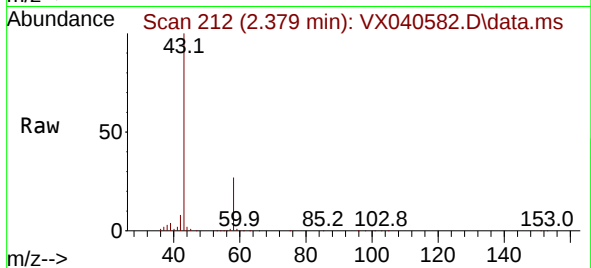
#15
Acetone
Concen: 158.651 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 58 Resp: 85448
Ion Ratio Lower Upper
58 100
43 374.8 249.9 374.9

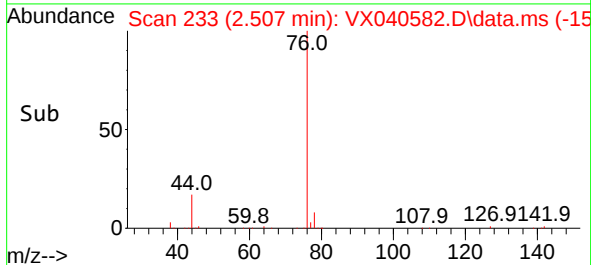
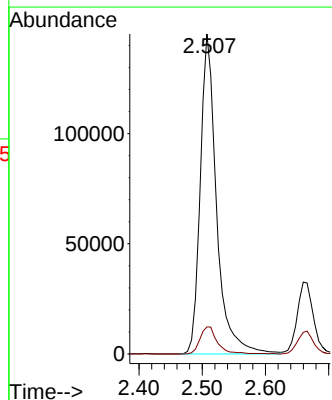
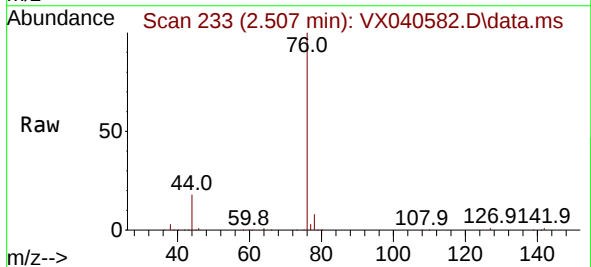
Manual Integrations
APPROVED

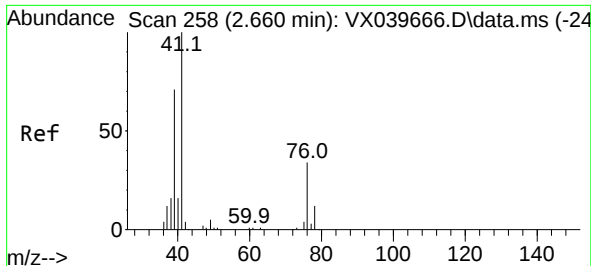
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#16
Carbon Disulfide
Concen: 41.774 ug/l
RT: 2.507 min Scan# 233
Delta R.T. 0.005 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Tgt Ion: 76 Resp: 260374
Ion Ratio Lower Upper
76 100
78 8.4 8.0 12.0





#17

Allyl chloride

Concen: 38.561 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX040582.D

Acq: 05 Mar 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 41 Resp: 17579

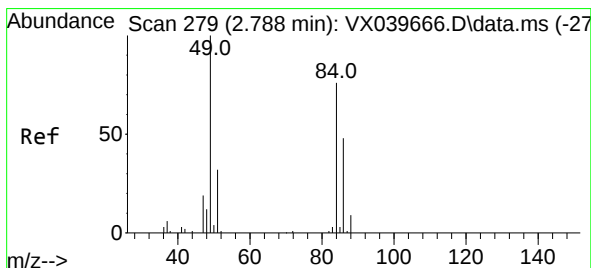
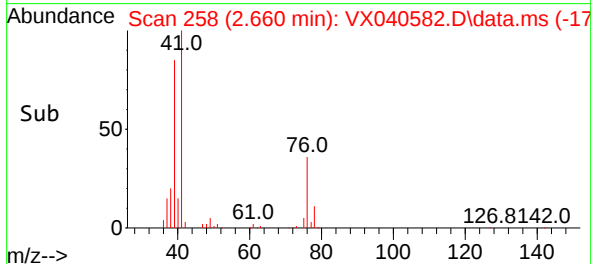
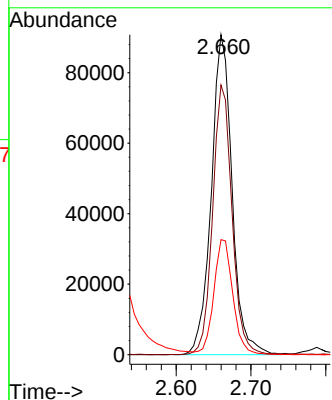
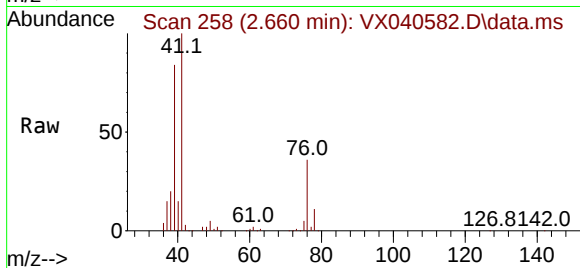
Ion	Ratio	Lower	Upper
41	100		
39	84.2	36.5	109.5
76	35.9	19.7	59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2024

Supervised By :Mahesh Dadoda 03/06/2024



#18

Methylene Chloride

Concen: 39.808 ug/l

RT: 2.788 min Scan# 279

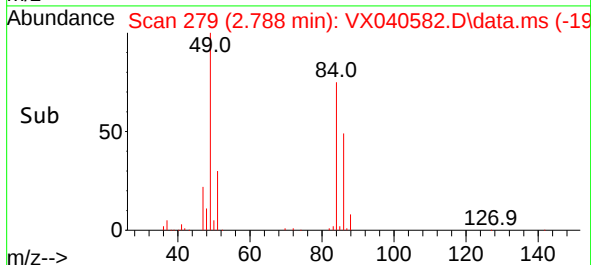
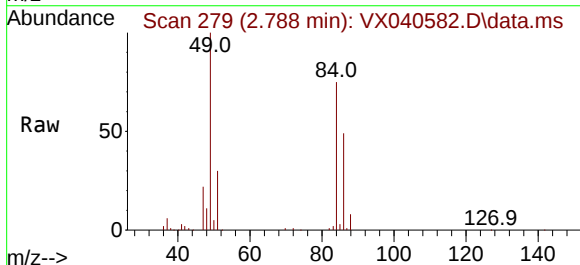
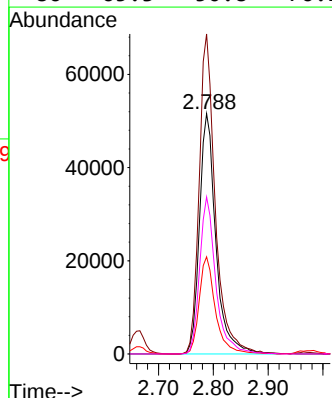
Delta R.T. -0.000 min

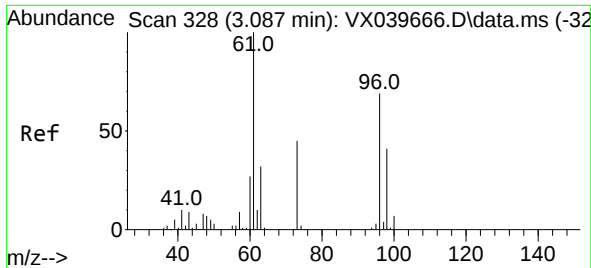
Lab File: VX040582.D

Acq: 05 Mar 2024 12:07

Tgt Ion: 84 Resp: 107585

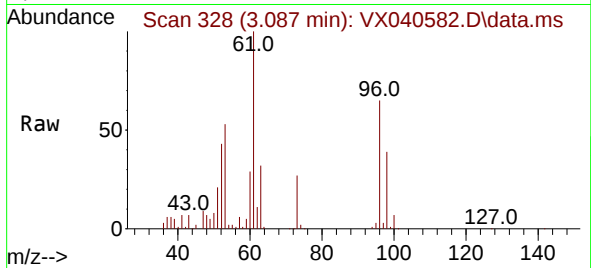
Ion	Ratio	Lower	Upper
84	100		
49	133.2	103.8	155.8
51	40.4	31.8	47.6
86	65.3	50.8	76.2





#19
trans-1,2-Dichloroethene
Concen: 42.415 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

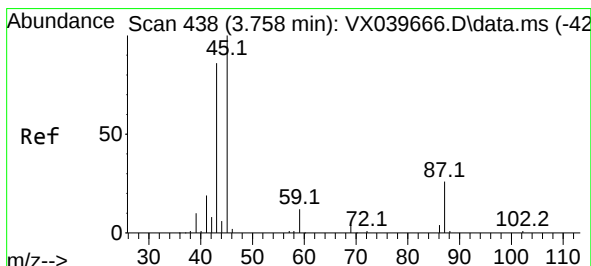
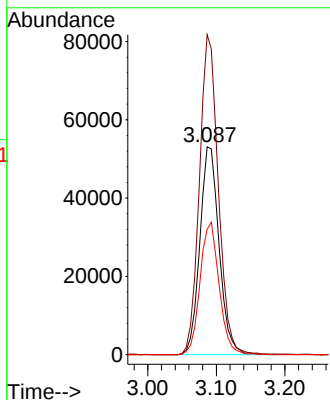
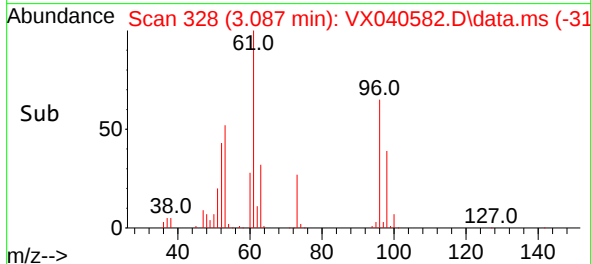
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 10405
Ion Ratio Lower Upper
96 100
61 153.9 117.9 176.9
98 60.3 51.0 76.6

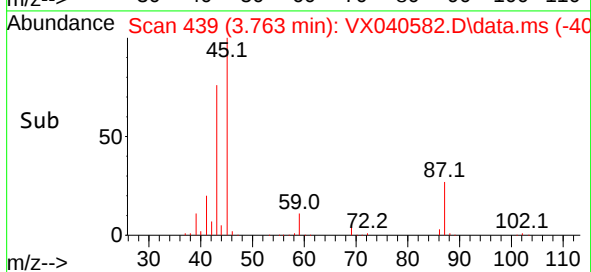
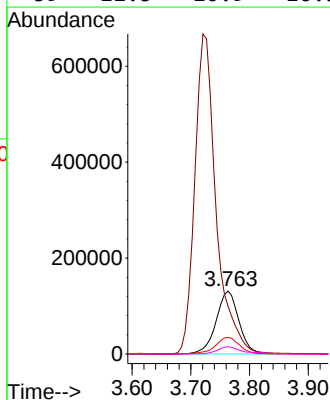
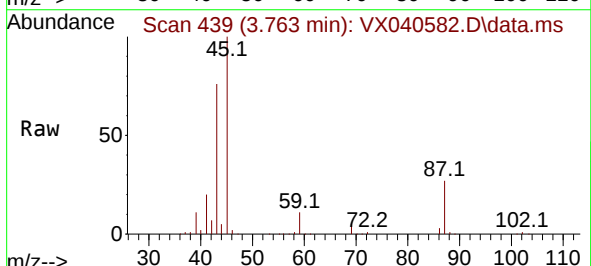
Manual Integrations
APPROVED

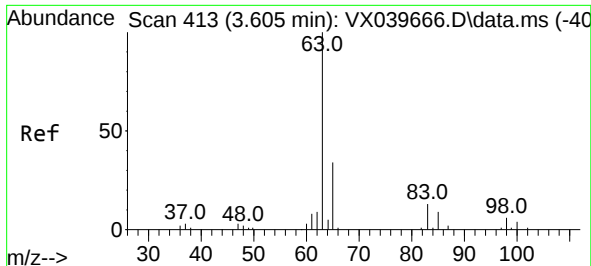
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#20
Diisopropyl ether
Concen: 39.577 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.005 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Tgt Ion: 45 Resp: 352178
Ion Ratio Lower Upper
45 100
43 74.4 67.7 101.5
87 26.6 21.5 32.3
59 11.5 10.9 16.3





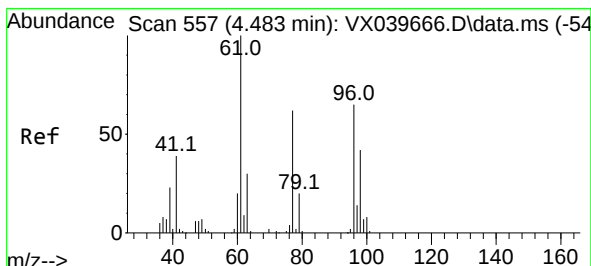
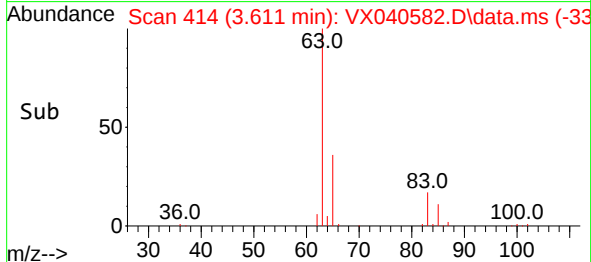
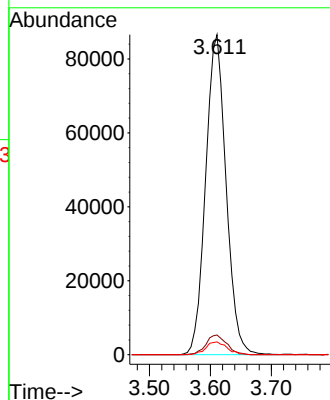
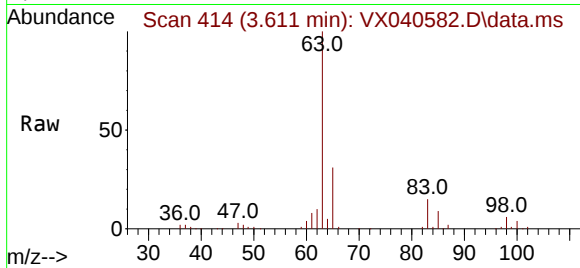
#21
1,1-Dichloroethane
Concen: 40.610 ug/l
RT: 3.611 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 201768
Ion Ratio Lower Upper
63 100
98 6.2 2.9 8.8
100 4.0 2.0 5.8

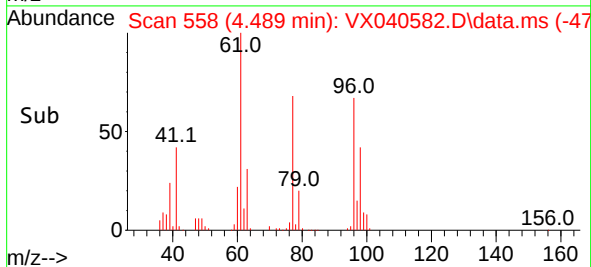
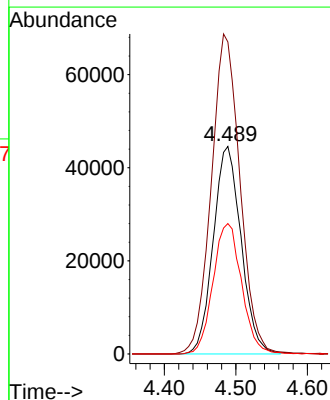
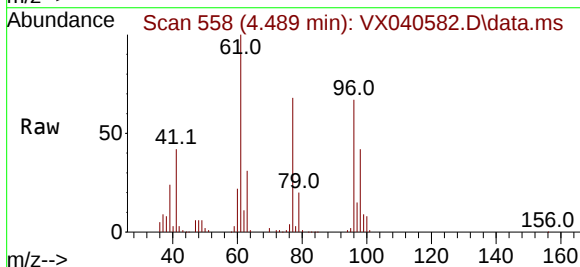
Manual Integrations
APPROVED

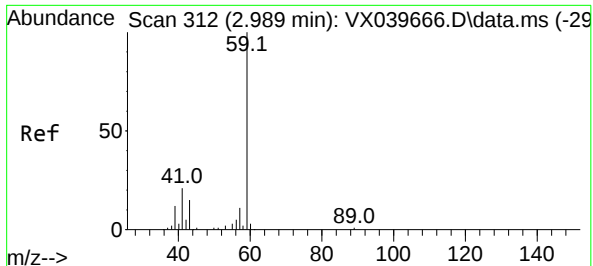
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#22
cis-1,2-Dichloroethene
Concen: 42.017 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Tgt Ion: 96 Resp: 120484
Ion Ratio Lower Upper
96 100
61 159.2 119.8 179.6
98 64.6 50.9 76.3





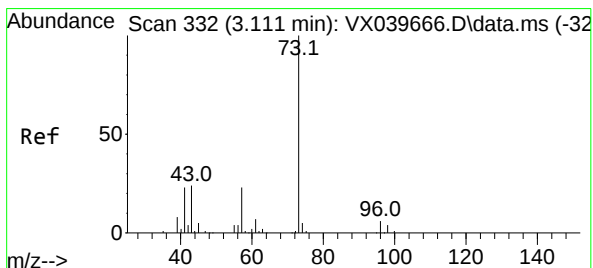
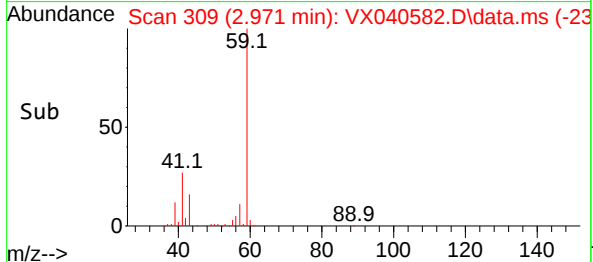
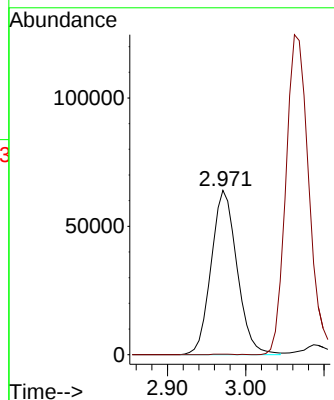
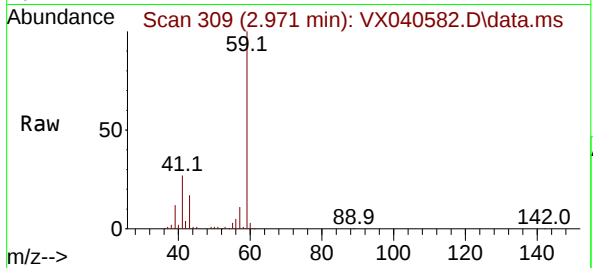
#23
tert-Butyl Alcohol
Concen: 184.064 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.018 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 147220
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

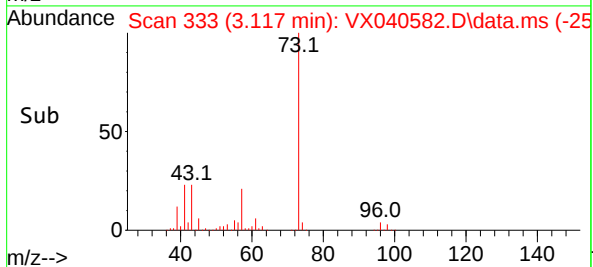
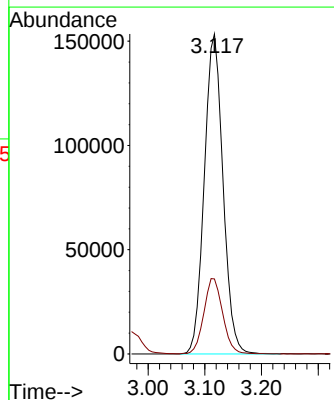
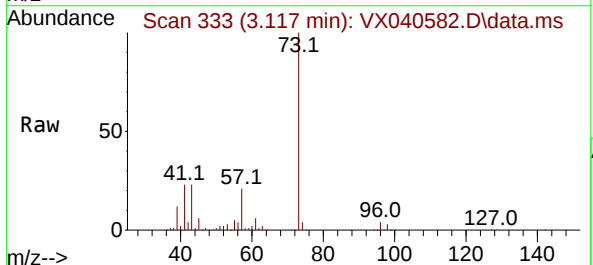
Manual Integrations
APPROVED

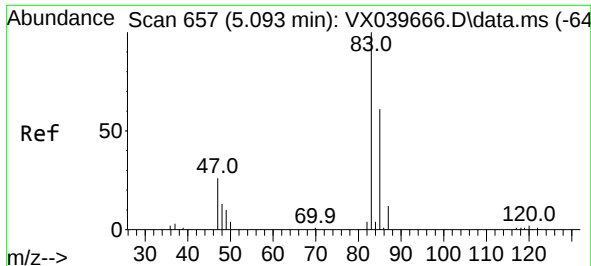
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#24
Methyl tert-Butyl Ether
Concen: 41.484 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Tgt Ion: 73 Resp: 351521
Ion Ratio Lower Upper
73 100
43 23.5 17.0 25.6





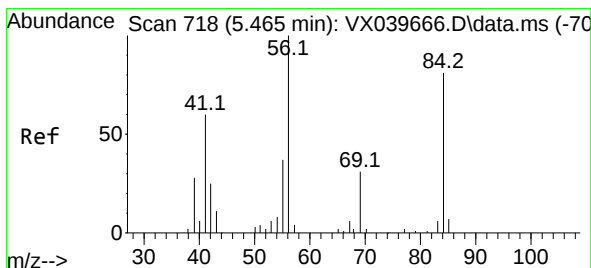
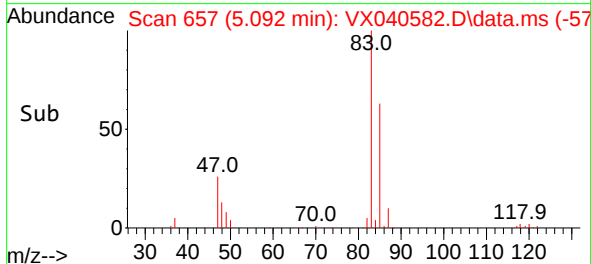
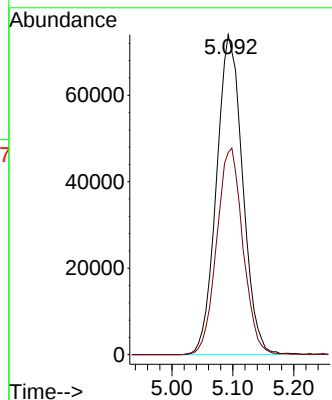
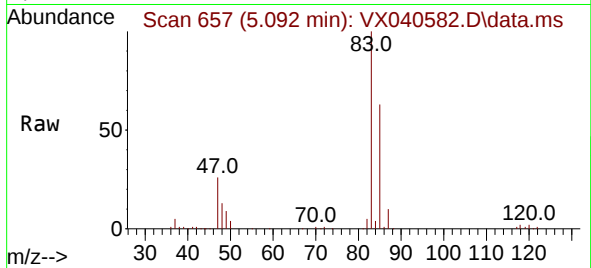
#25
Chloroform
Concen: 45.251 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 220649
Ion Ratio Lower Upper
83 100
85 63.2 54.6 81.8

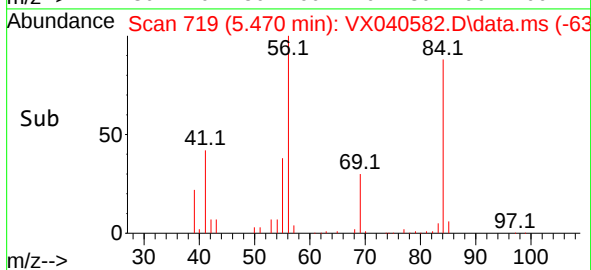
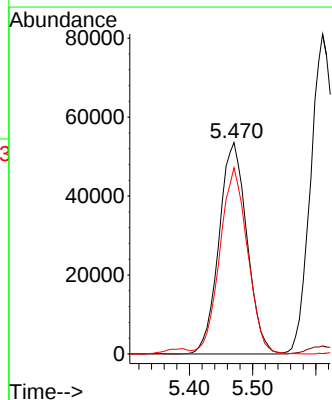
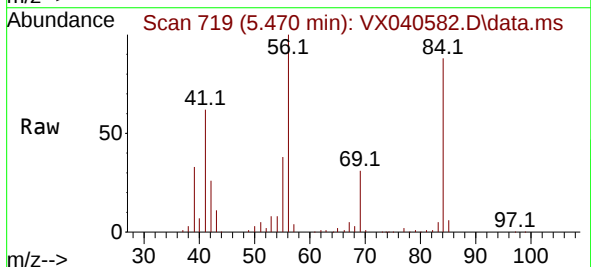
Manual Integrations
APPROVED

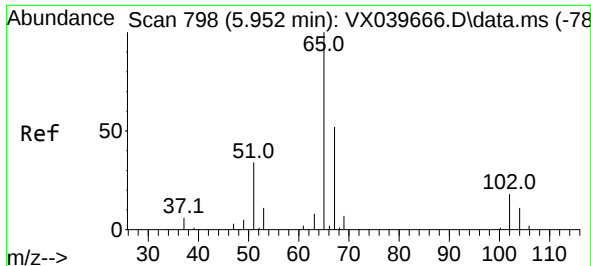
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#26
Cyclohexane
Concen: 38.176 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.005 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Tgt Ion: 56 Resp: 164549
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.2 67.2 100.8





#27
1,2-Dichloroethane-d4
Concen: 19.970 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

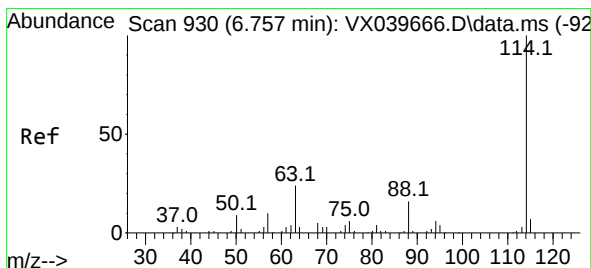
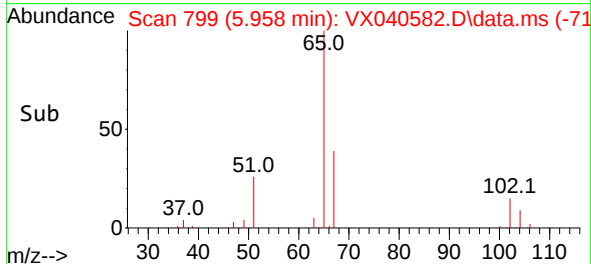
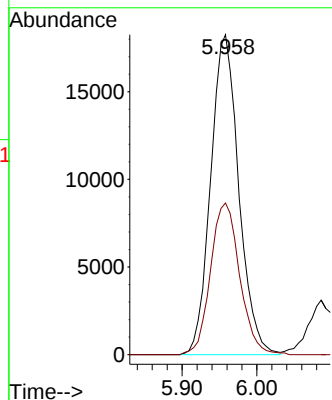
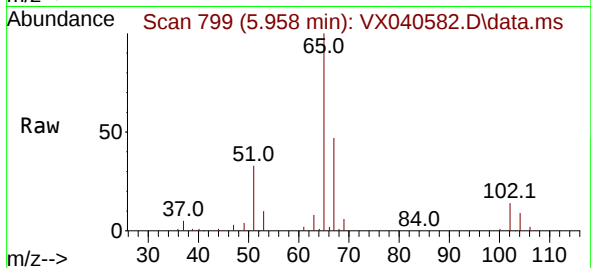
VSTDIC100

Tgt Ion: 65 Resp: 4767
Ion Ratio Lower Upper
65 100
67 49.2 42.5 63.7

Manual Integrations

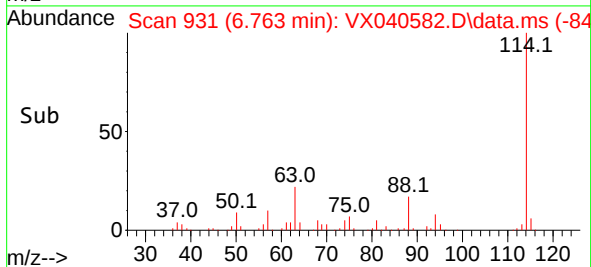
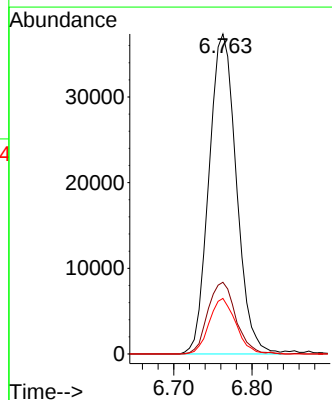
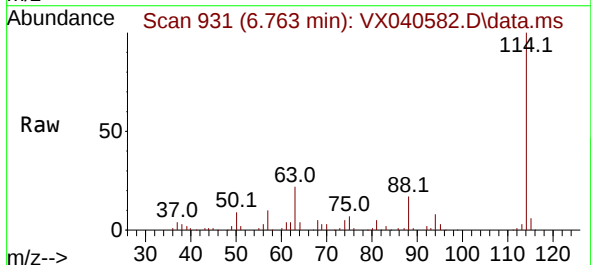
APPROVED

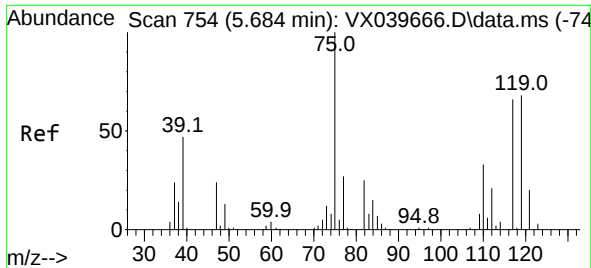
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

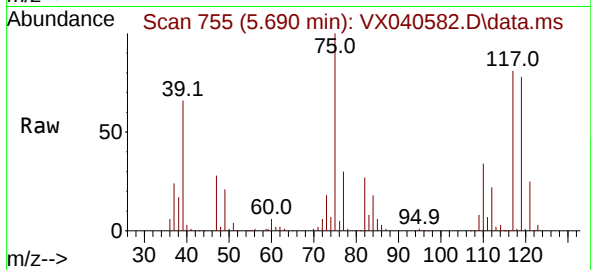
Tgt Ion:114 Resp: 90762
Ion Ratio Lower Upper
114 100
63 22.8 17.0 25.4
88 16.8 12.7 19.1





#29
1,1-Dichloropropene
Concen: 61.372 ug/l
RT: 5.690 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

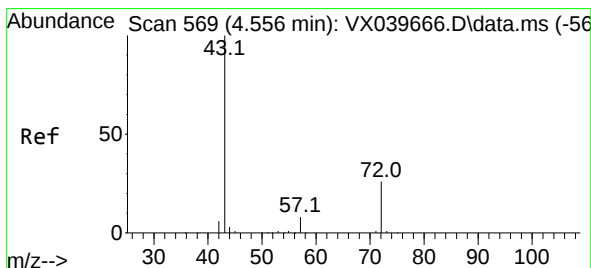
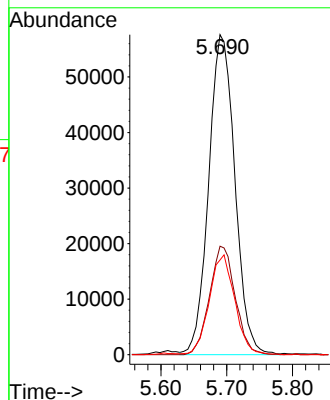
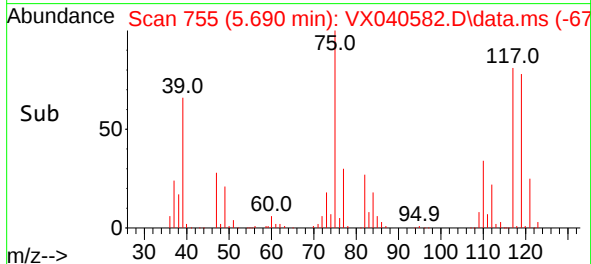
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 159849
Ion Ratio Lower Upper
75 100
110 33.2 0.0 71.2
77 30.4 0.0 62.6

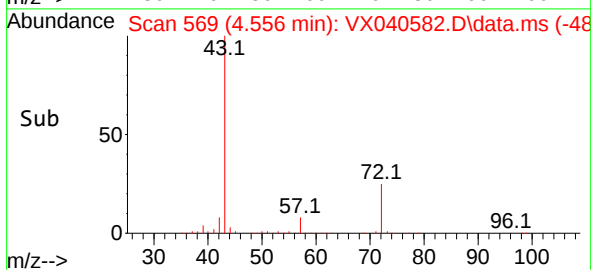
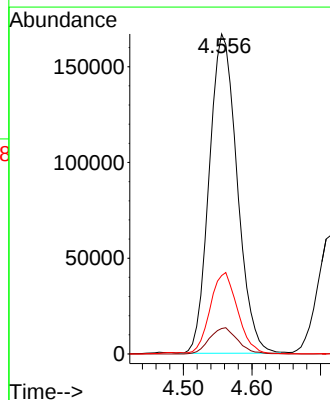
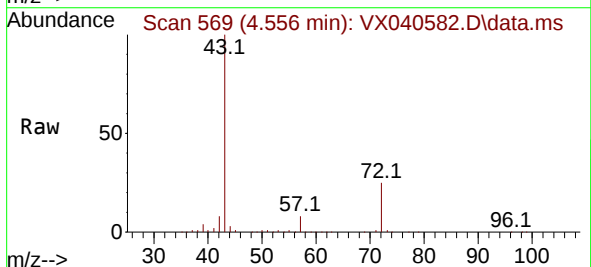
Manual Integrations
APPROVED

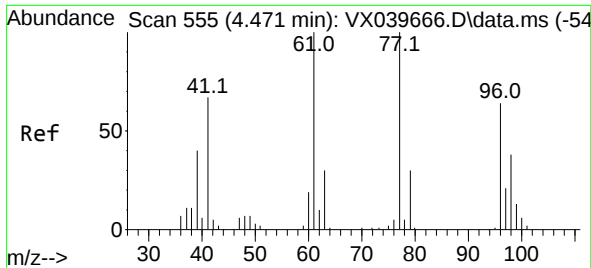
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#30
2-Butanone
Concen: 252.193 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

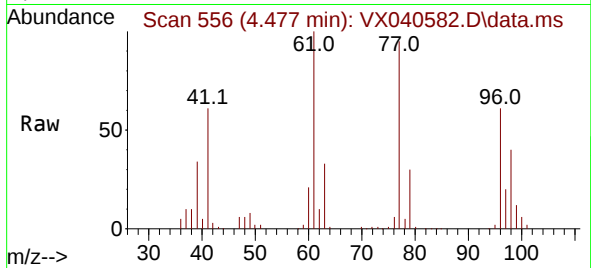
Tgt Ion: 43 Resp: 471117
Ion Ratio Lower Upper
43 100
57 8.3 6.6 10.0
72 25.2 20.6 31.0





#31
2,2-Dichloropropane
Concen: 59.808 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

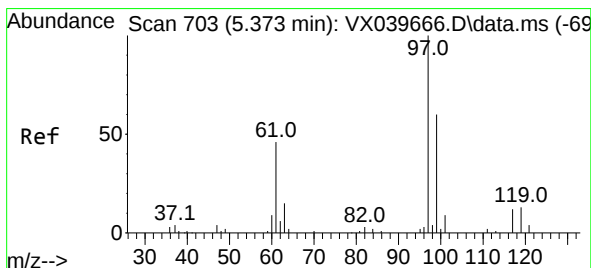
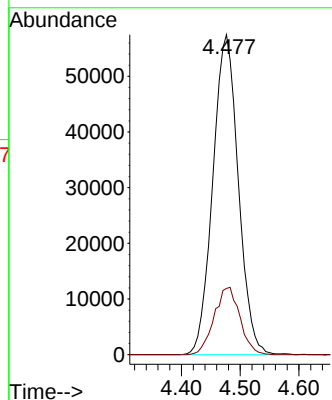
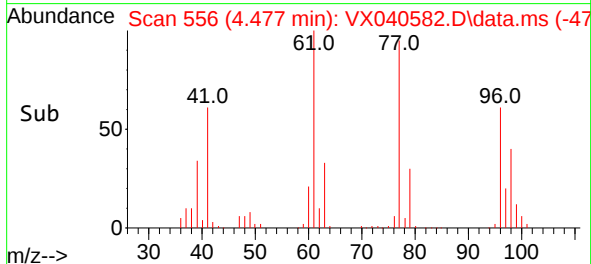
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



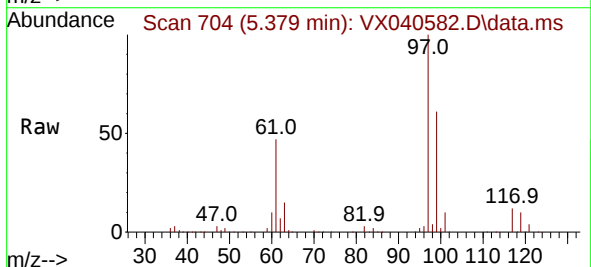
Tgt Ion: 77 Resp: 173194
Ion Ratio Lower Upper
77 100
97 21.3 18.2 27.4

Manual Integrations
APPROVED

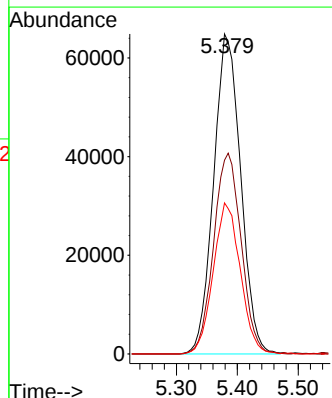
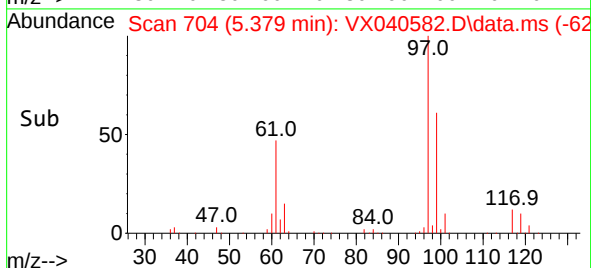
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024

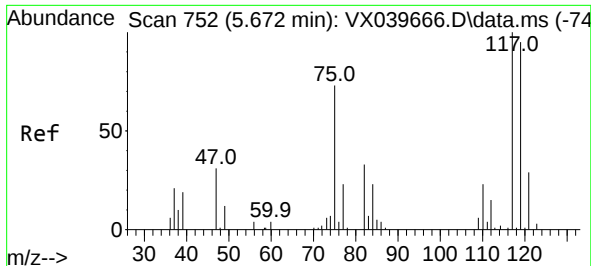


#32
1,1,1-Trichloroethane
Concen: 66.562 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07



Tgt Ion: 97 Resp: 200373
Ion Ratio Lower Upper
97 100
99 63.8 52.6 79.0
61 47.2 36.9 55.3





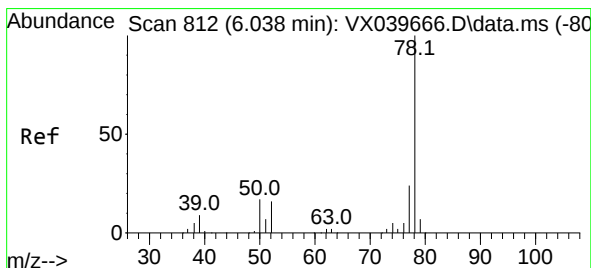
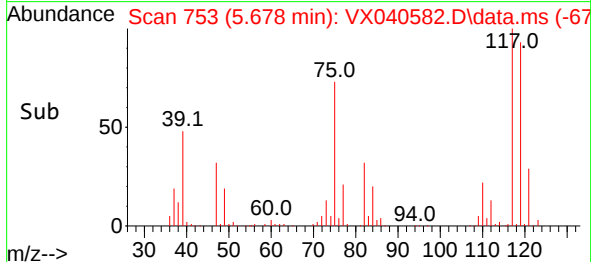
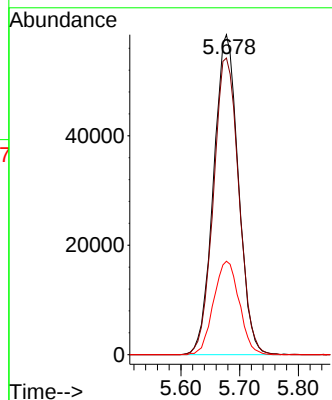
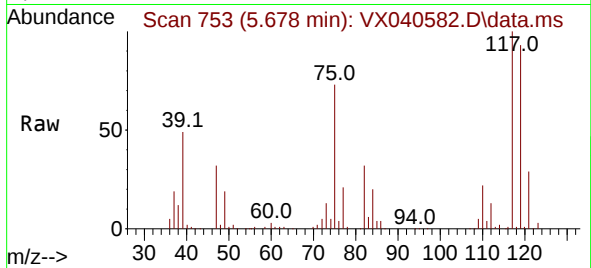
#33
Carbon Tetrachloride
Concen: 72.305 ug/l
RT: 5.678 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 171589
Ion Ratio Lower Upper
117 100
119 92.7 78.2 117.4
121 29.2 24.7 37.1

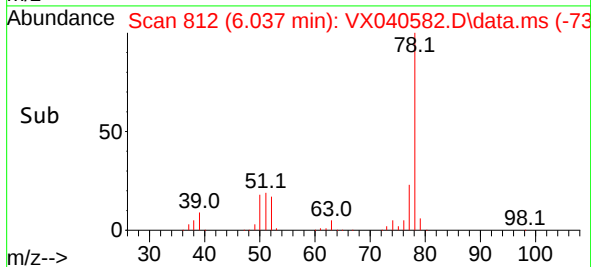
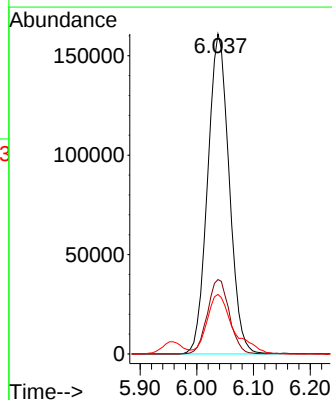
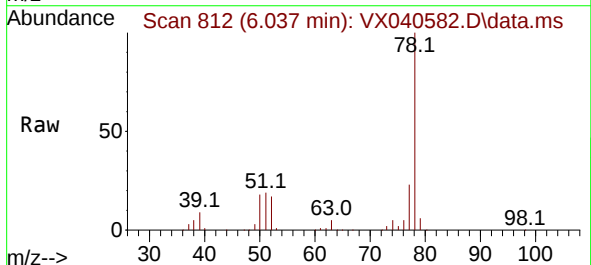
Manual Integrations
APPROVED

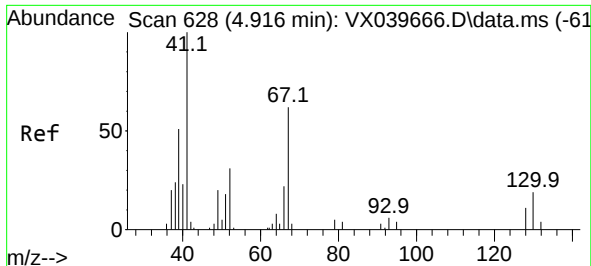
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#34
Benzene
Concen: 54.870 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

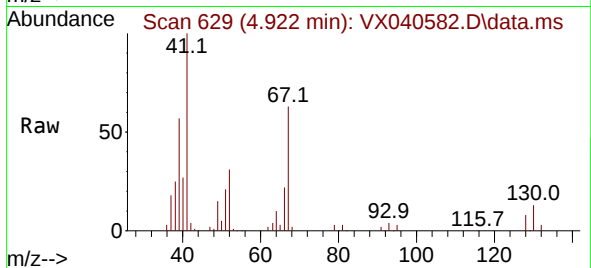
Tgt Ion: 78 Resp: 423959
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9
51 18.5 14.4 21.6





#35
Methacrylonitrile
Concen: 56.227 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

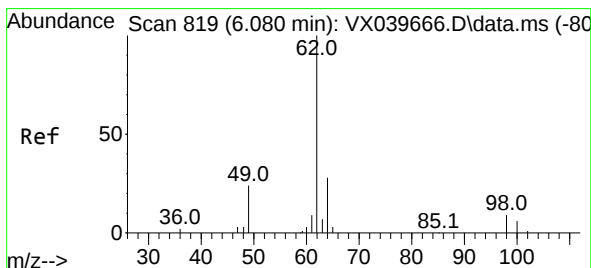
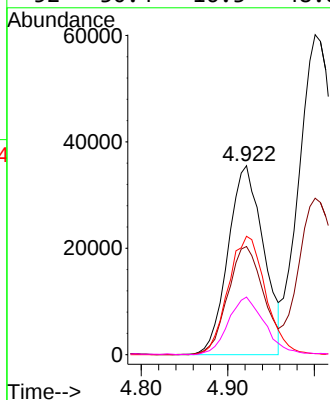
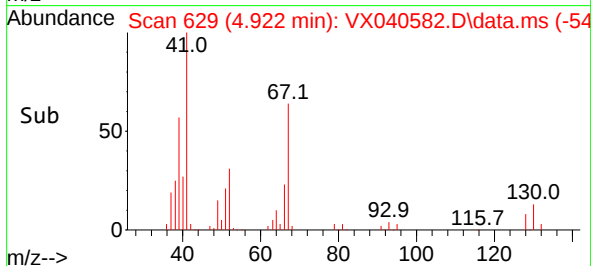
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:	41	Resp:	10106
Ion Ratio	100	Lower	Upper
41	100		
39	57.1	28.2	84.7
67	62.7	34.5	103.5
52	30.4	16.3	48.8

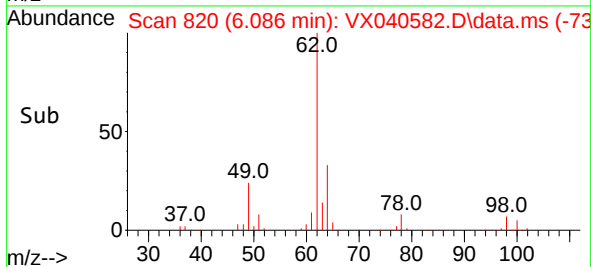
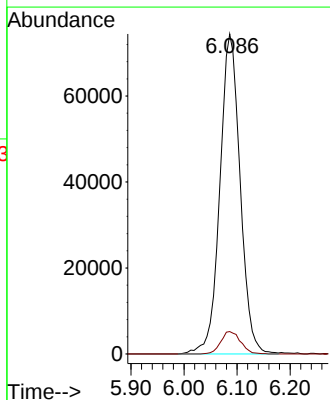
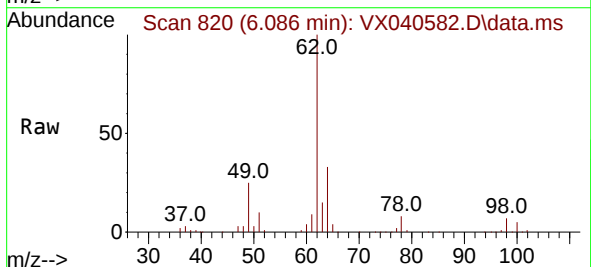
Manual Integrations
APPROVED

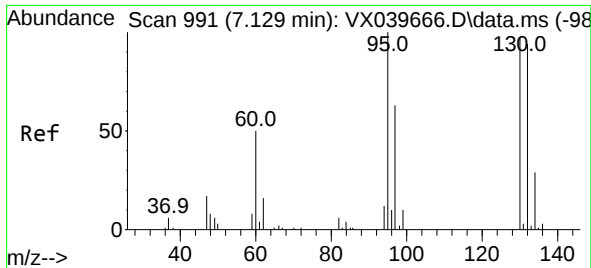
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#36
1,2-Dichloroethane
Concen: 65.293 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

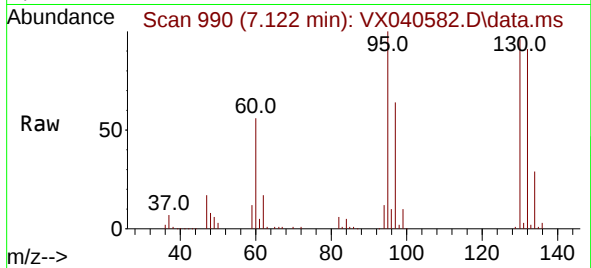
Tgt Ion:	62	Resp:	197830
Ion Ratio	100	Lower	Upper
62	100		
98	6.8	7.0	10.4





#37
Trichloroethene
Concen: 58.508 ug/l
RT: 7.122 min Scan# 991
Delta R.T. -0.007 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

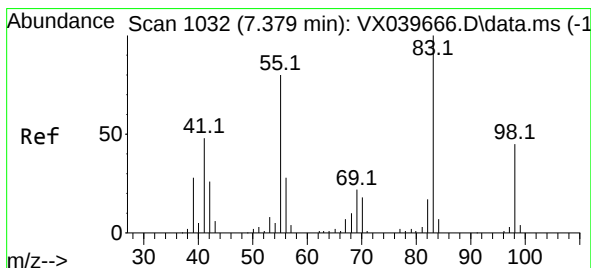
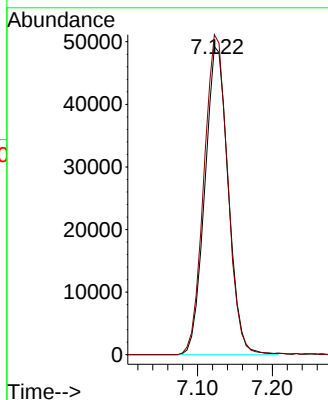
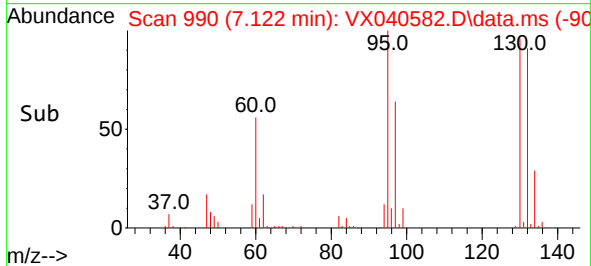
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



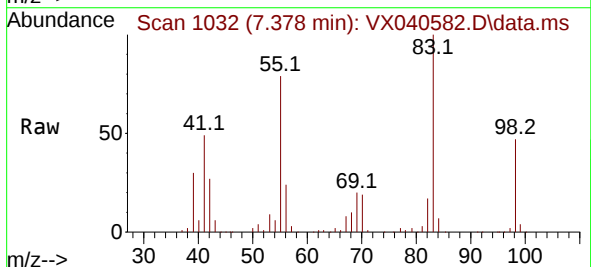
Tgt Ion:130 Resp: 107400
Ion Ratio Lower Upper
130 100
95 103.9 85.8 128.8

Manual Integrations
APPROVED

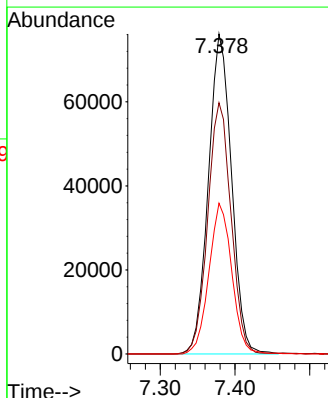
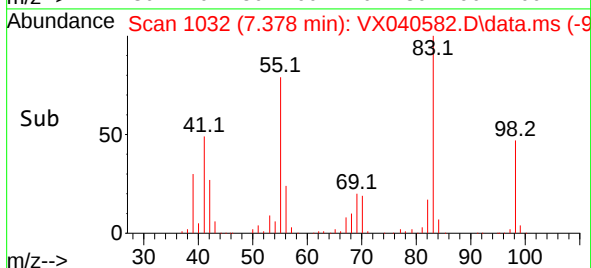
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024

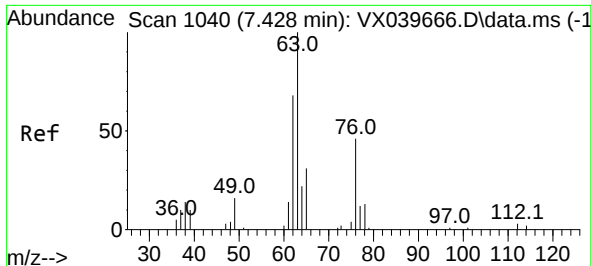


#38
Methylcyclohexane
Concen: 51.501 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.001 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07



Tgt Ion: 83 Resp: 164116
Ion Ratio Lower Upper
83 100
55 79.0 38.6 116.0
98 46.4 22.3 66.8





#39

1,2-Dichloropropane

Concen: 48.880 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.001 min

Lab File: VX040582.D

Acq: 05 Mar 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 10176

Ion Ratio Lower Upper

63 100

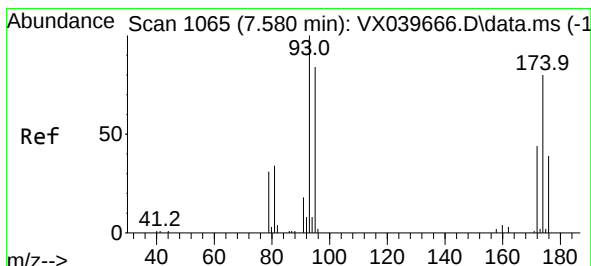
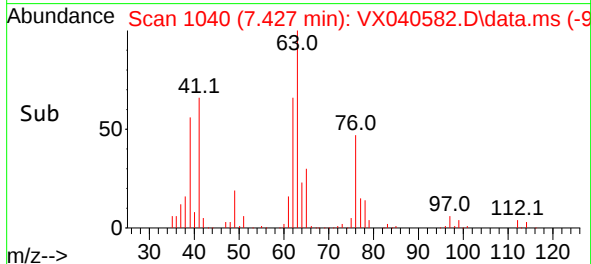
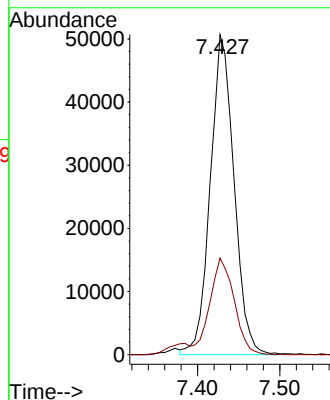
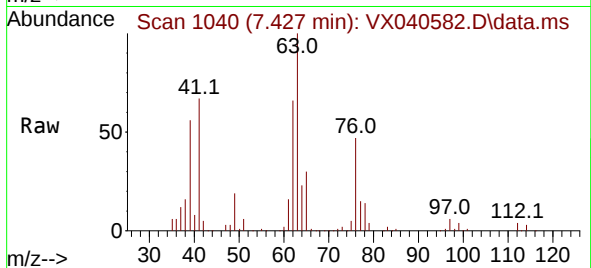
65 30.1 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2024

Supervised By :Mahesh Dadoda 03/06/2024



#40

Dibromomethane

Concen: 56.028 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX040582.D

Acq: 05 Mar 2024 12:07

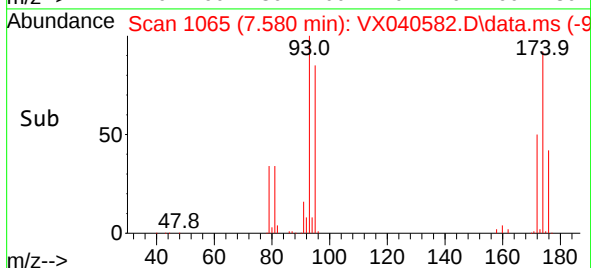
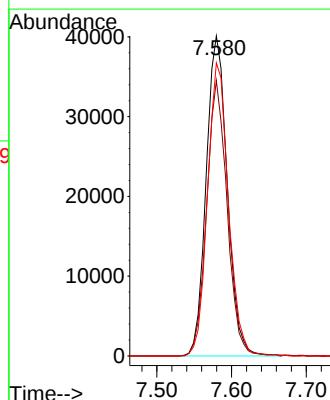
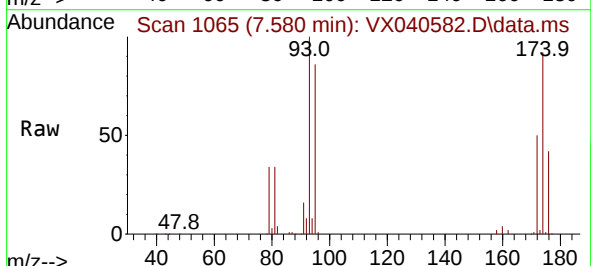
Tgt Ion: 93 Resp: 78789

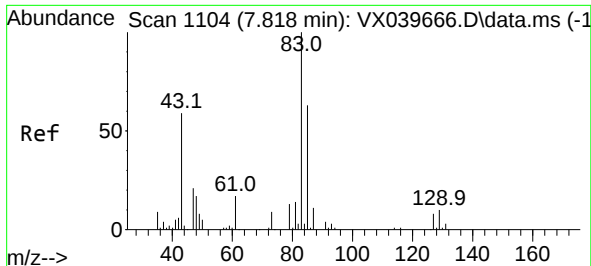
Ion Ratio Lower Upper

93 100

95 83.3 0.0 163.4

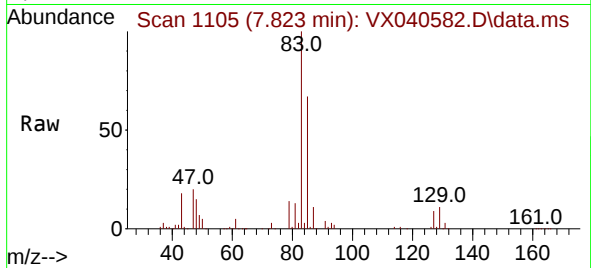
174 90.6 0.0 166.4





#41
Bromodichloromethane
Concen: 61.679 ug/l
RT: 7.823 min Scan# 1104
Delta R.T. 0.005 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

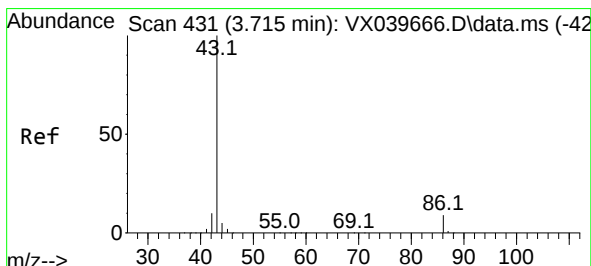
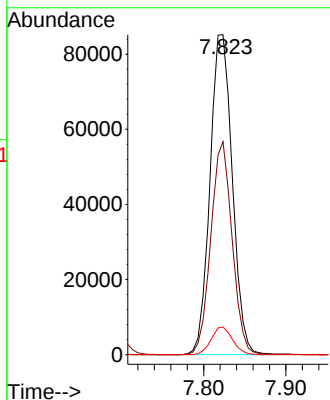
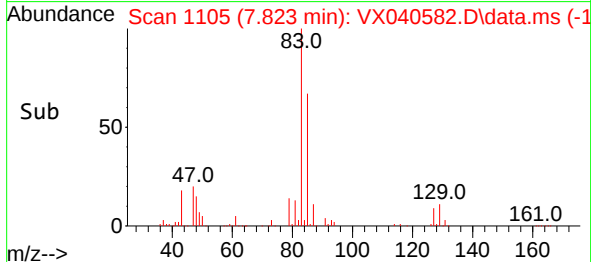
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 160720
Ion Ratio Lower Upper
83 100
85 66.5 50.8 76.2
127 8.7 5.9 8.9

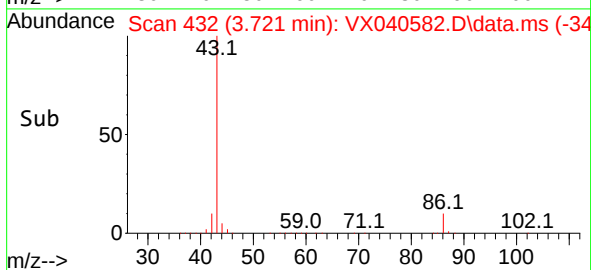
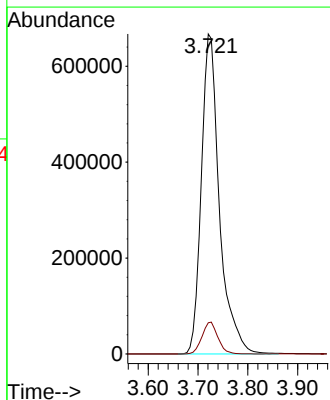
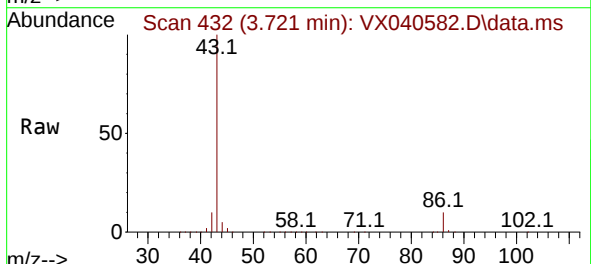
Manual Integrations
APPROVED

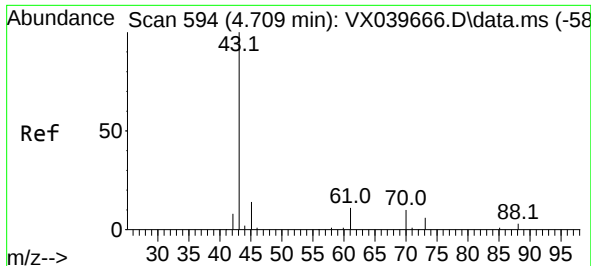
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#42
Vinyl Acetate
Concen: 272.210 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.006 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

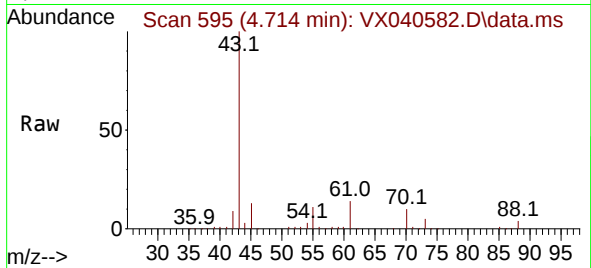
Tgt Ion: 43 Resp: 1681332
Ion Ratio Lower Upper
43 100
86 8.7 6.7 10.1





#43
Ethyl Acetate
Concen: 50.212 ug/l
RT: 4.714 min Scan# 594
Delta R.T. 0.005 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

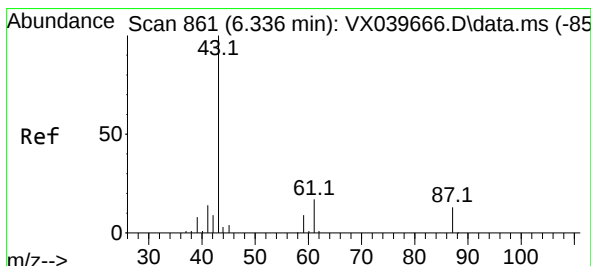
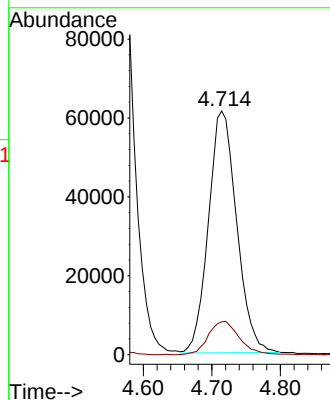
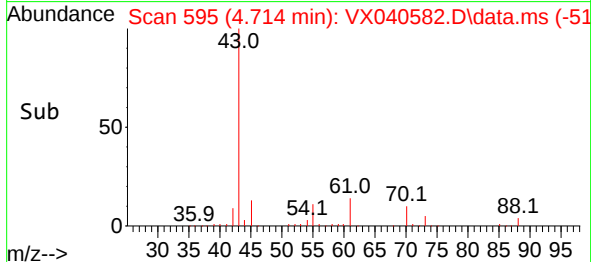
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 17581
Ion Ratio Lower Upper
43 100
45 15.1 11.8 17.8

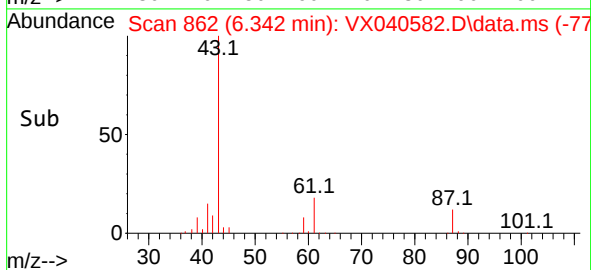
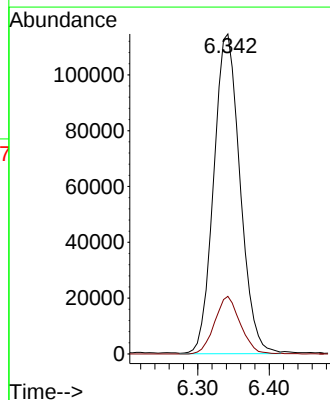
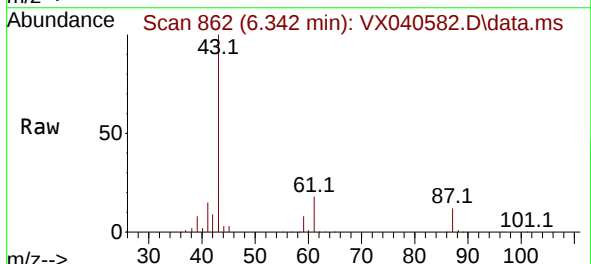
Manual Integrations
APPROVED

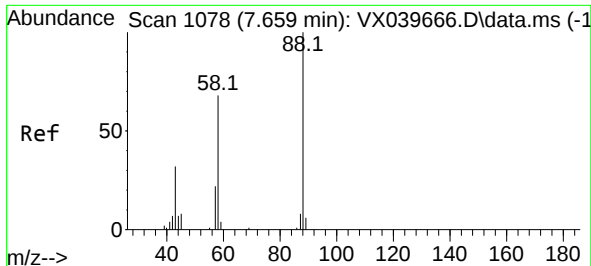
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#44
Isopropyl Acetate
Concen: 54.235 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

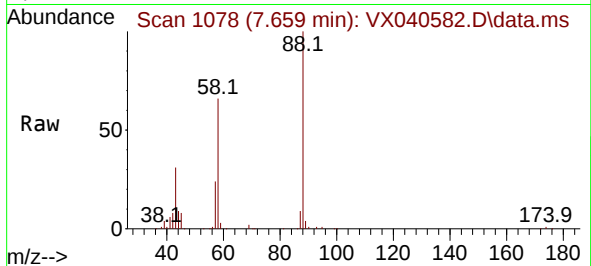
Tgt Ion: 43 Resp: 293572
Ion Ratio Lower Upper
43 100
61 17.4 15.6 23.4





#45
1,4-Dioxane
Concen: 1047.792 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

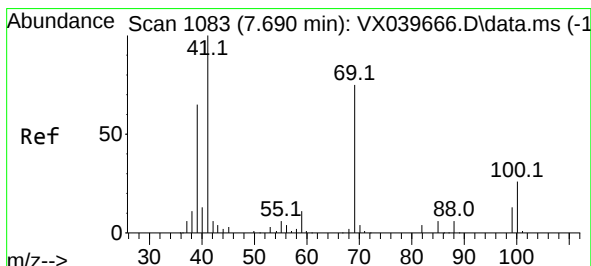
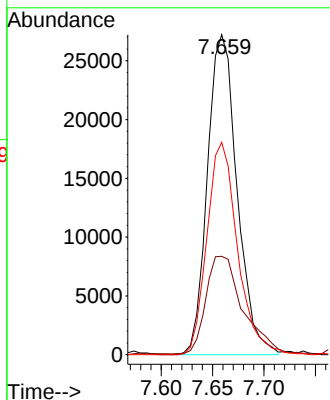
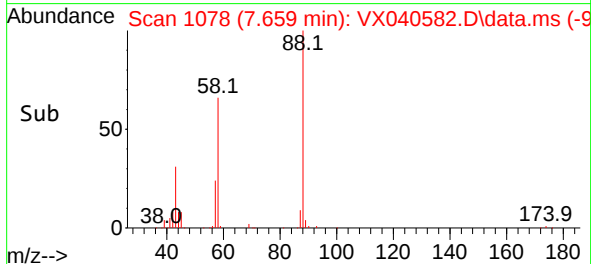
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 88 Resp: 5468
Ion Ratio Lower Upper
88 100
43 38.2 28.1 42.1
58 68.5 57.7 86.5

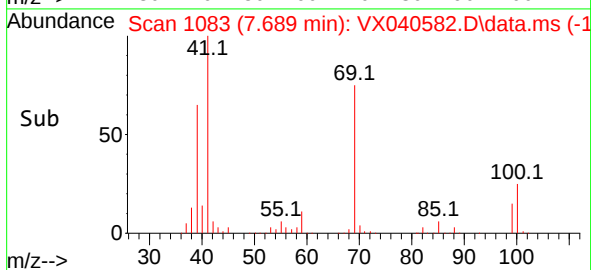
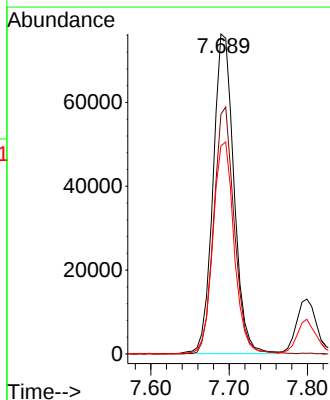
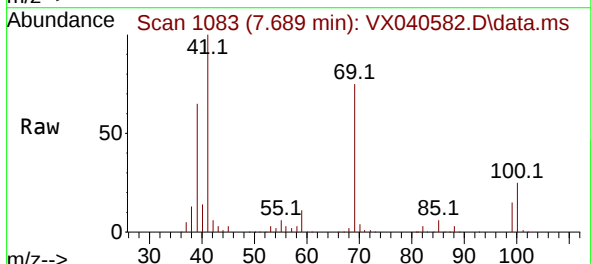
Manual Integrations
APPROVED

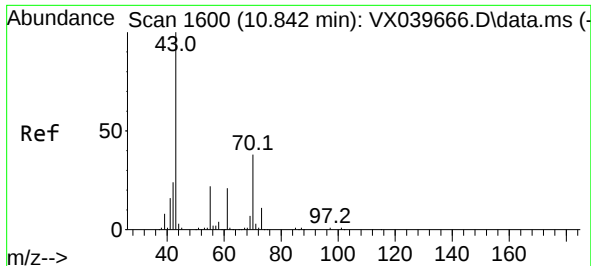
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#46
Methyl methacrylate
Concen: 54.492 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.001 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

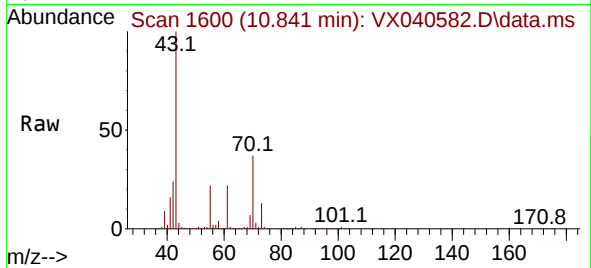
Tgt Ion: 41 Resp: 141661
Ion Ratio Lower Upper
41 100
69 75.0 39.6 118.8
39 64.9 30.1 90.3





#47
n-amyl acetate
Concen: 59.815 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

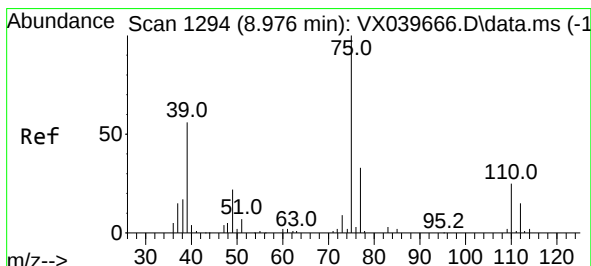
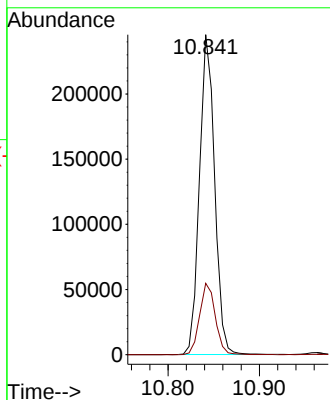
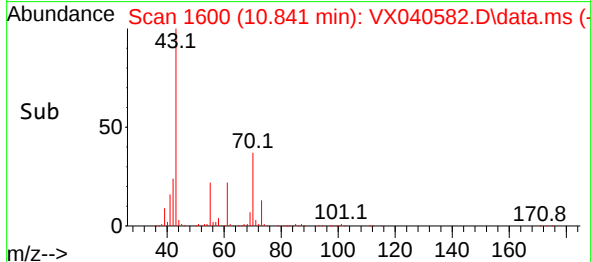
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 282764
Ion Ratio Lower Upper
43 100
55 23.0 18.2 27.2

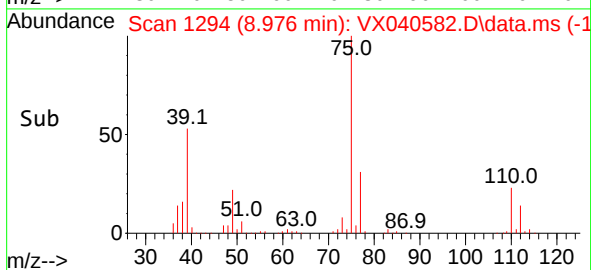
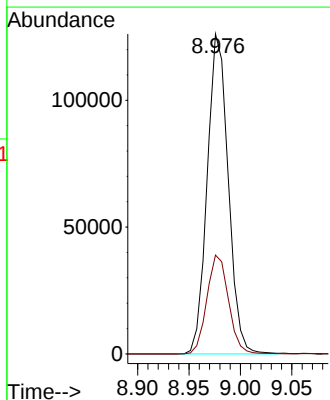
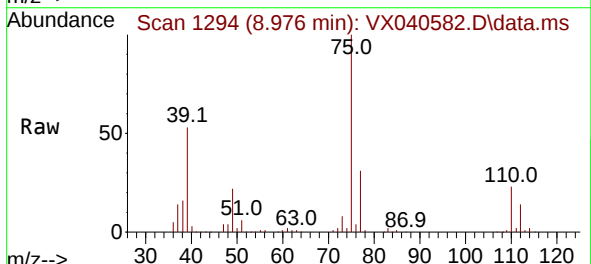
Manual Integrations
APPROVED

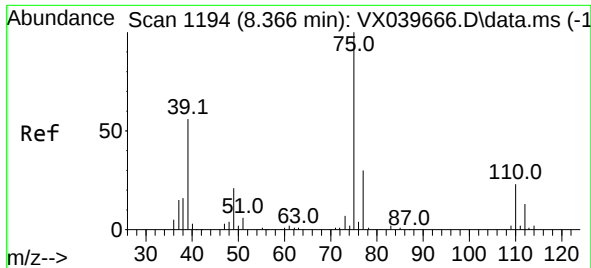
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#48
t-1,3-Dichloropropene
Concen: 63.937 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

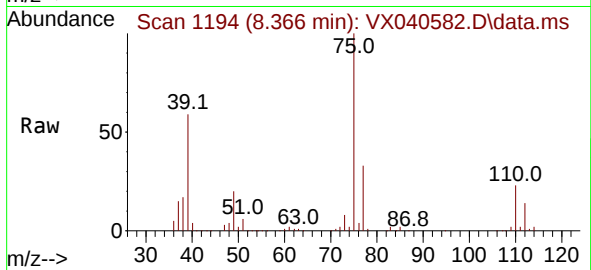
Tgt Ion: 75 Resp: 179320
Ion Ratio Lower Upper
75 100
77 30.9 26.8 40.2





#49
 cis-1,3-Dichloropropene
 Concen: 58.062 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX040582.D
 Acq: 05 Mar 2024 12:07

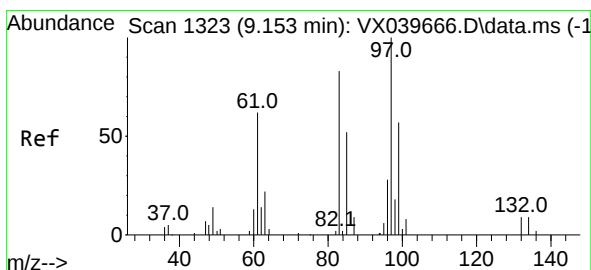
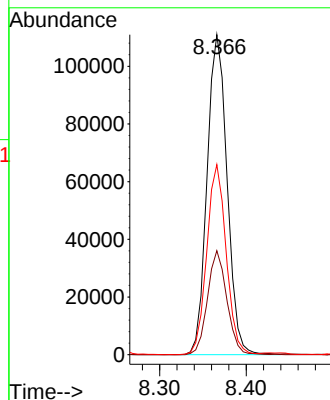
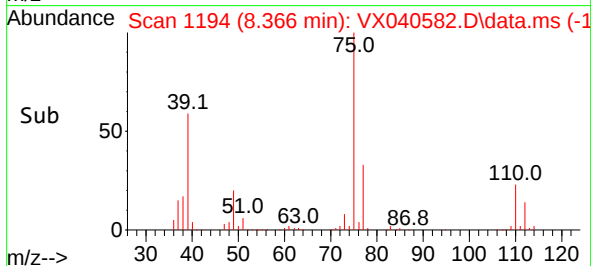
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



Tgt Ion: 75 Resp: 178339
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.4 36.6
 39 59.4 40.6 60.8

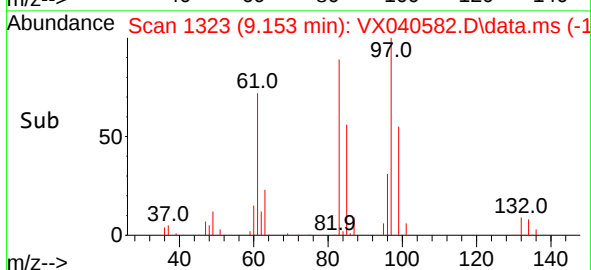
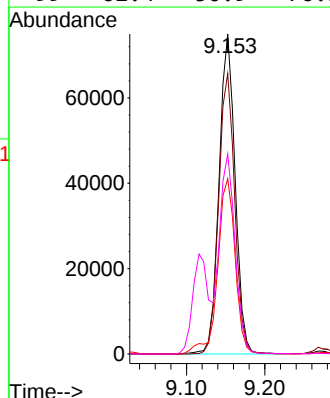
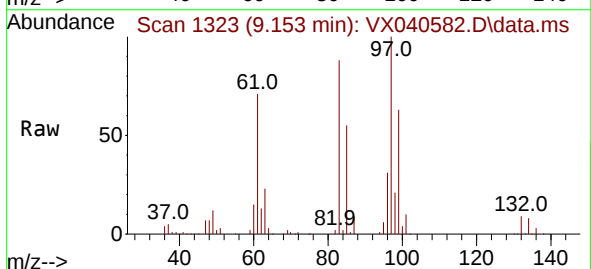
Manual Integrations
 APPROVED

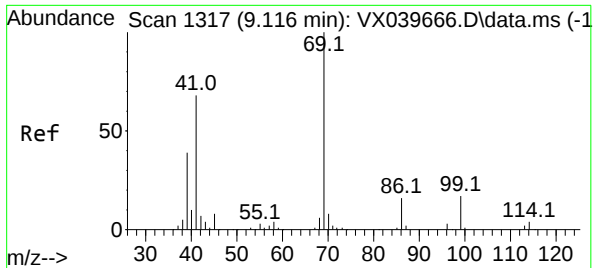
Reviewed By :John Carlone 03/05/2024
 Supervised By :Mahesh Dadoda 03/06/2024



#50
 1,1,2-Trichloroethane
 Concen: 55.634 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. -0.000 min
 Lab File: VX040582.D
 Acq: 05 Mar 2024 12:07

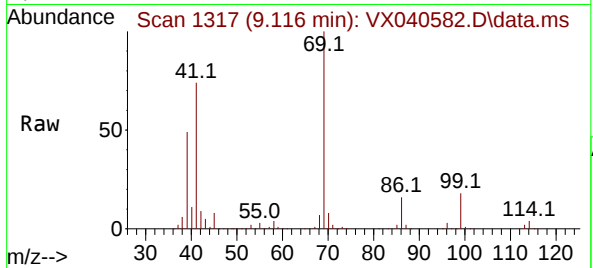
Tgt Ion: 97 Resp: 107244
 Ion Ratio Lower Upper
 97 100
 83 87.6 69.0 103.6
 85 54.8 46.3 69.5
 99 62.4 50.9 76.3





#51
Ethyl methacrylate
Concen: 54.806 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

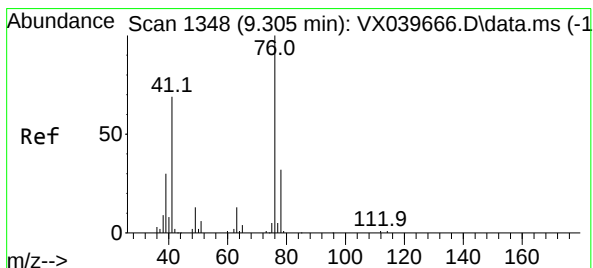
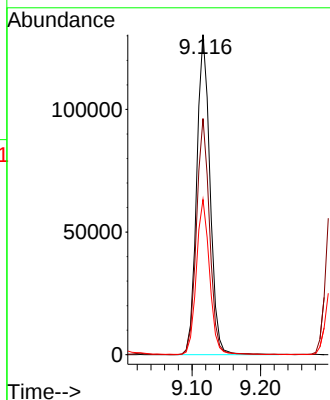
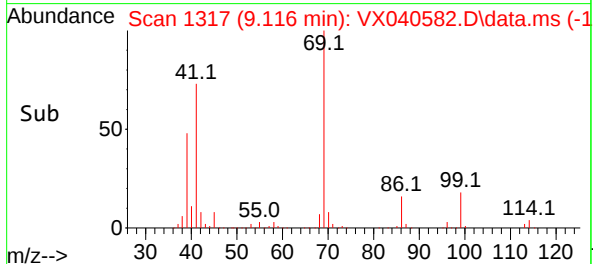
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



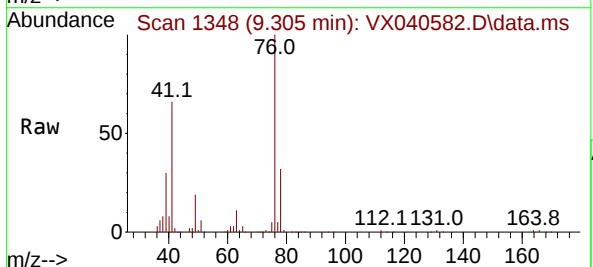
Tgt Ion: 69 Resp: 176480
Ion Ratio Lower Upper
69 100
41 73.7 36.2 108.6
39 48.4 21.1 63.4

Manual Integrations
APPROVED

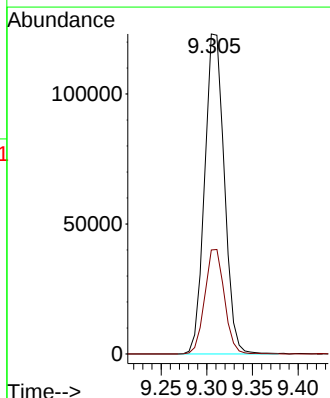
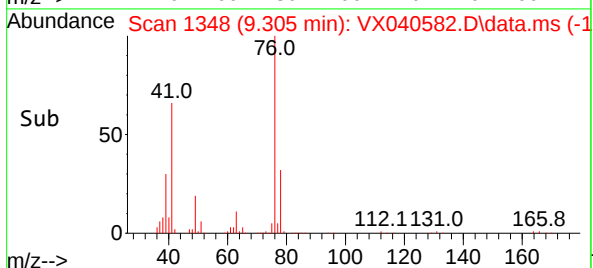
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024

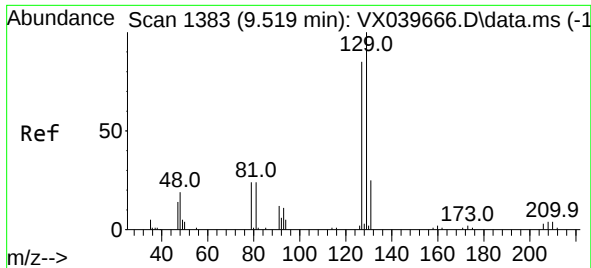


#52
1,3-Dichloropropane
Concen: 55.293 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07



Tgt Ion: 76 Resp: 183928
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.0





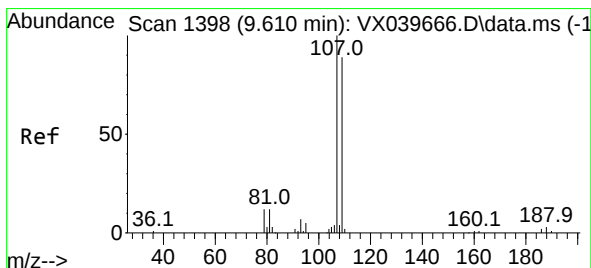
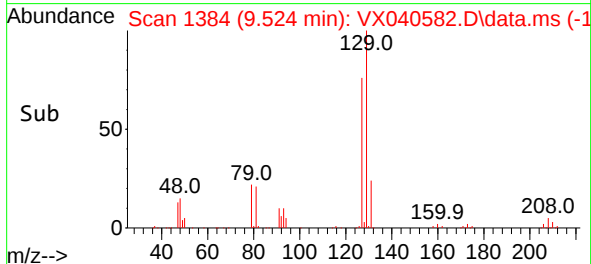
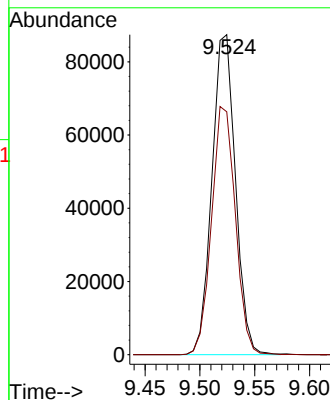
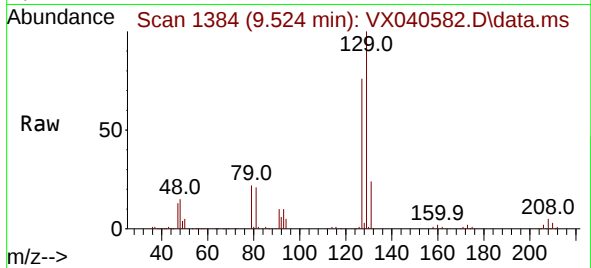
#53
Dibromochloromethane
Concen: 72.786 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.005 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:129 Resp: 13057
Ion Ratio Lower Upper
129 100
127 78.5 38.3 114.9

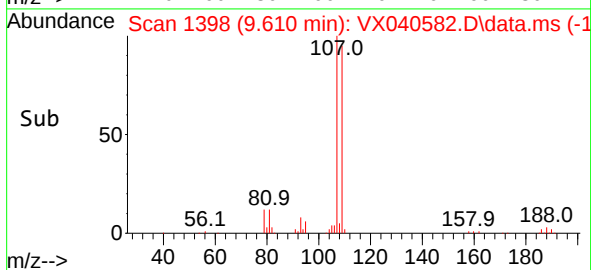
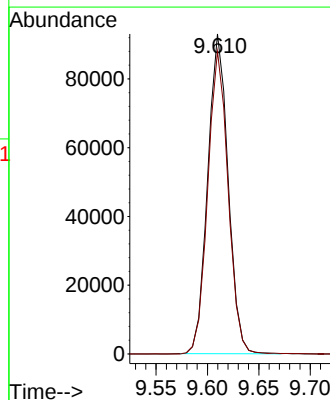
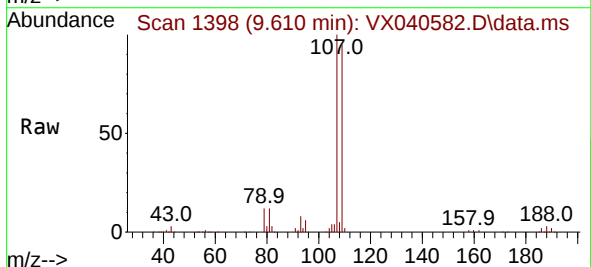
Manual Integrations
APPROVED

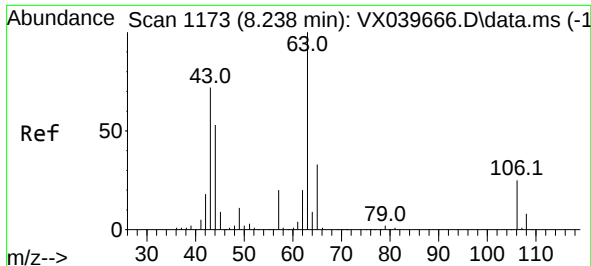
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#54
1,2-Dibromoethane
Concen: 63.460 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Tgt Ion:107 Resp: 128203
Ion Ratio Lower Upper
107 100
109 94.4 75.1 112.7





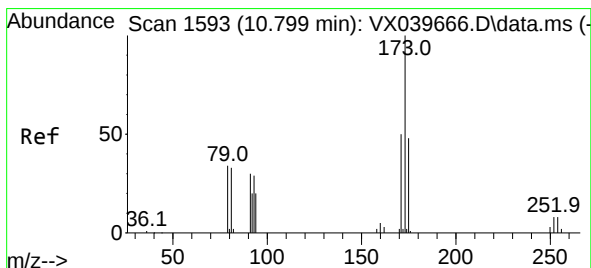
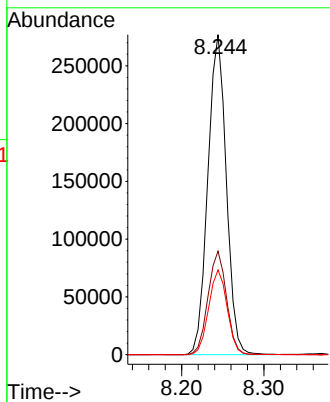
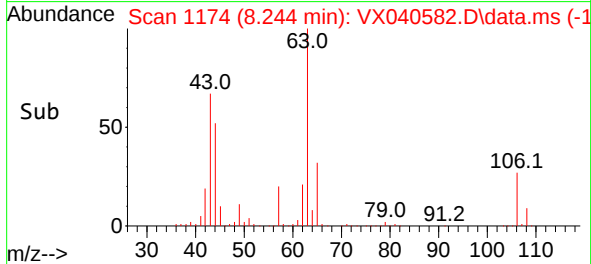
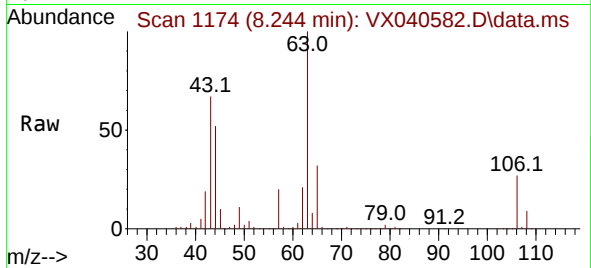
#55
2-Chloroethyl vinyl ether
Concen: 276.079 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 43258
Ion Ratio Lower Upper
63 100
65 32.3 25.8 38.6
106 26.5 20.6 31.0

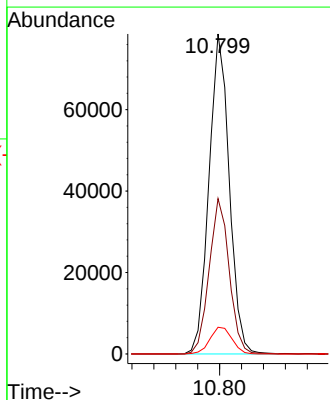
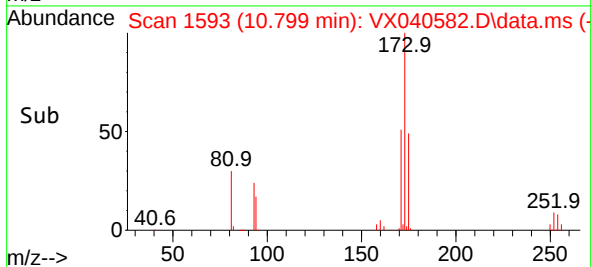
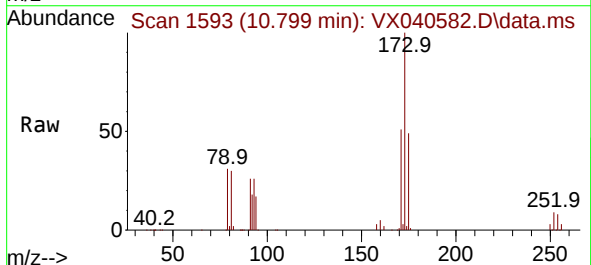
Manual Integrations
APPROVED

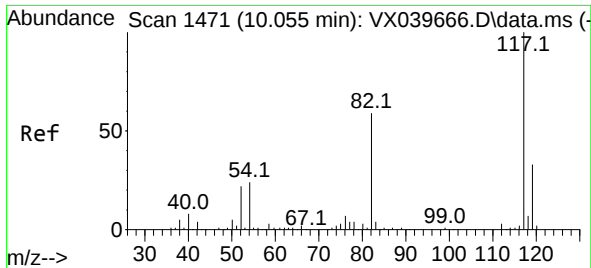
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#56
Bromoform
Concen: 83.588 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Tgt Ion:173 Resp: 101001
Ion Ratio Lower Upper
173 100
175 48.0 37.6 56.4
254 9.1 5.8 8.8#





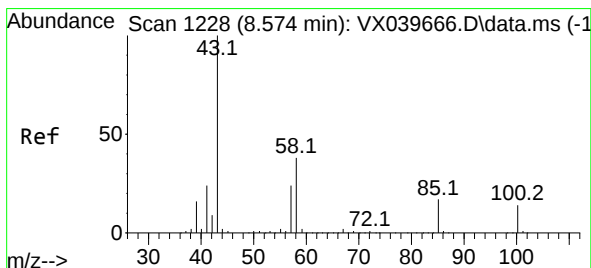
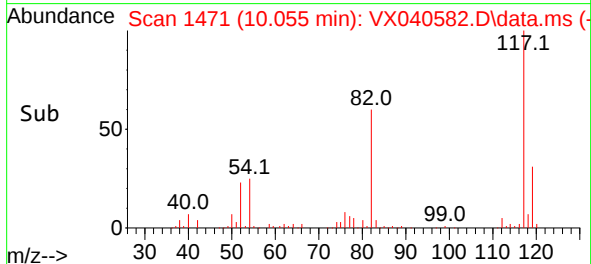
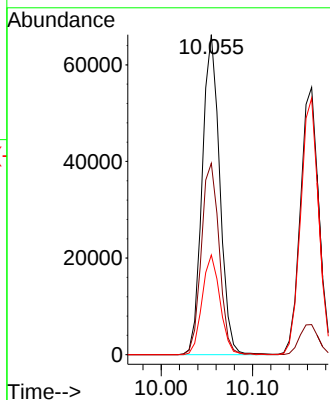
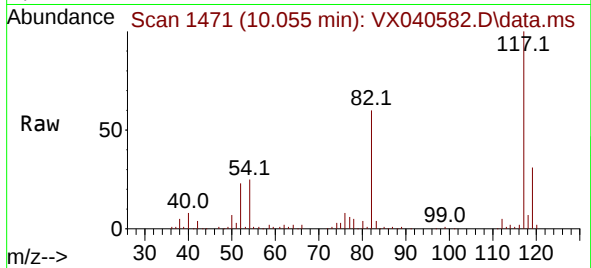
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 117 Resp: 88299
Ion Ratio Lower Upper
117 100
82 60.8 47.0 70.6
119 31.7 25.2 37.8

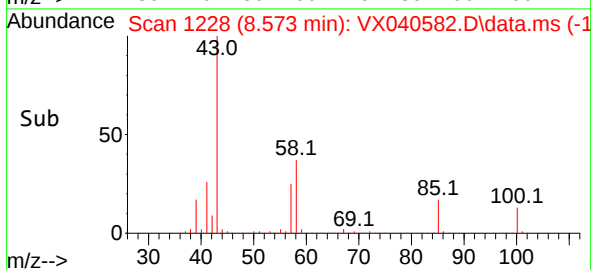
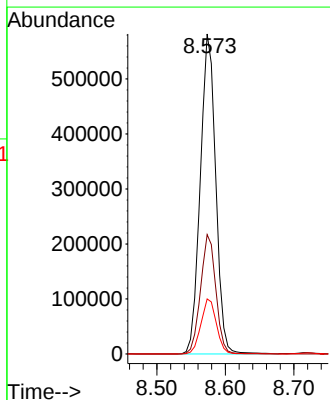
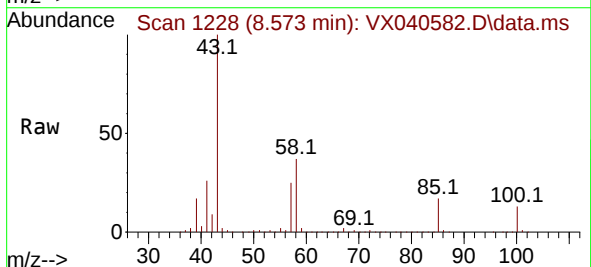
Manual Integrations
APPROVED

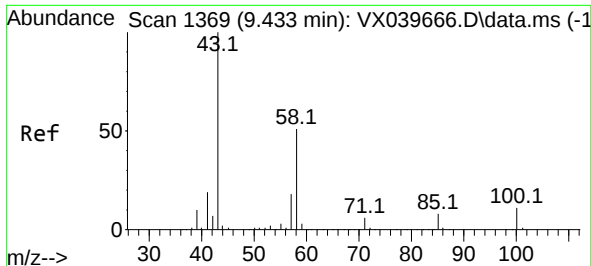
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#58
4-Methyl-2-Pentanone
Concen: 314.637 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.001 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Tgt Ion: 43 Resp: 913841
Ion Ratio Lower Upper
43 100
58 36.8 30.1 45.1
85 17.2 13.9 20.9





#59

2-Hexanone

Concen: 339.293 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX040582.D

Acq: 05 Mar 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 79770

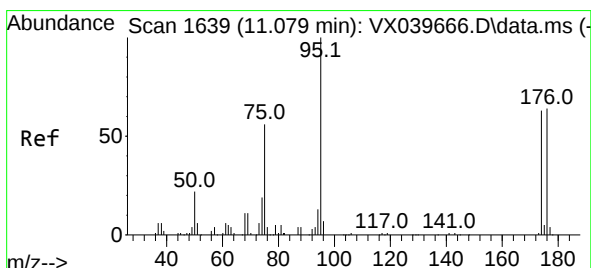
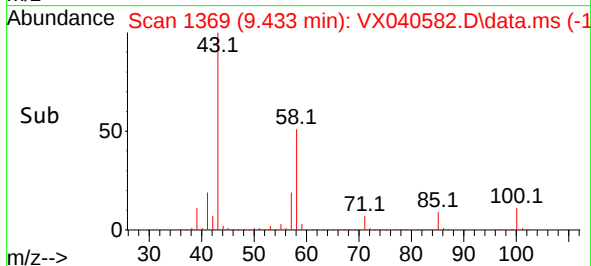
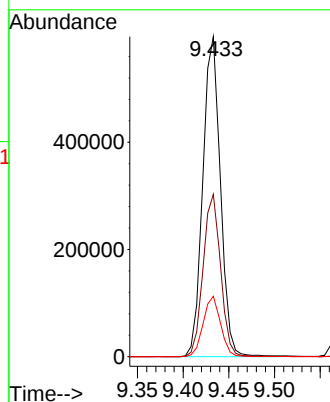
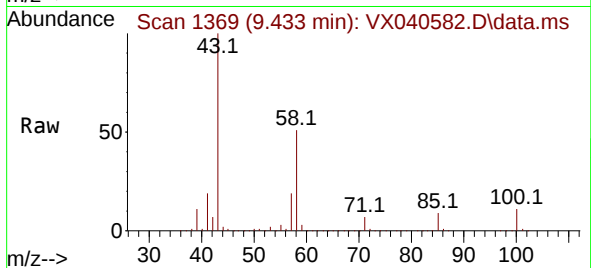
Ion	Ratio	Lower	Upper
43	100		
58	50.4	42.7	64.1
57	18.8	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2024

Supervised By :Mahesh Dadoda 03/06/2024



#60

4-Bromofluorobenzene

Concen: 24.289 ug/l

RT: 11.079 min Scan# 1639

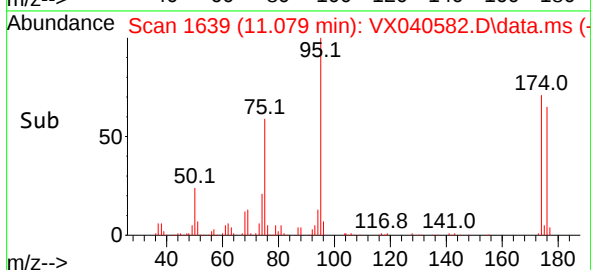
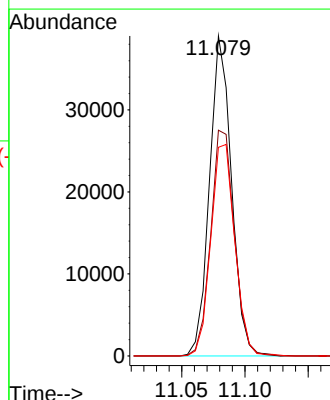
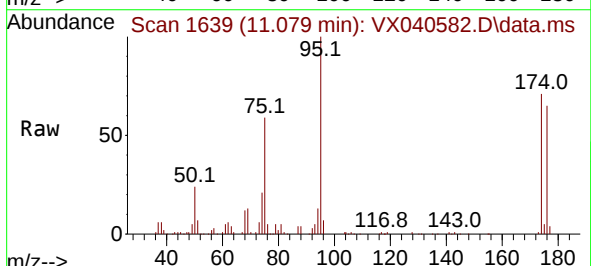
Delta R.T. 0.000 min

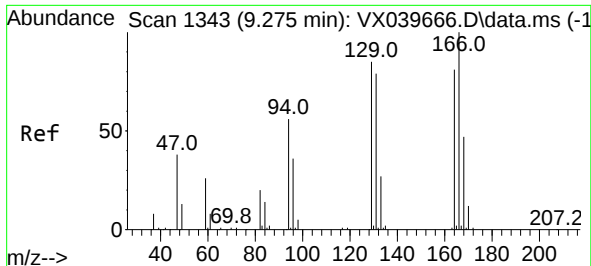
Lab File: VX040582.D

Acq: 05 Mar 2024 12:07

Tgt Ion: 95 Resp: 47304

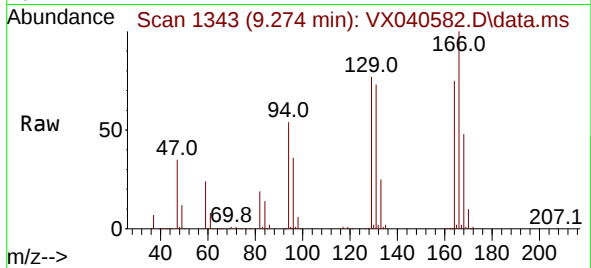
Ion	Ratio	Lower	Upper
95	100		
174	75.6	55.4	83.2
176	72.0	52.6	78.8





#61
Tetrachloroethene
Concen: 78.723 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

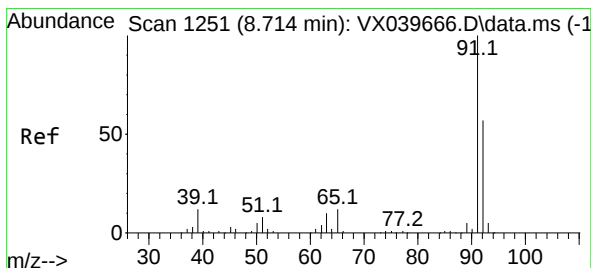
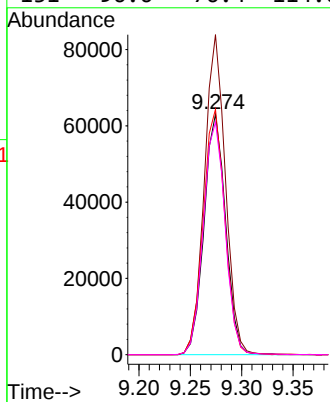
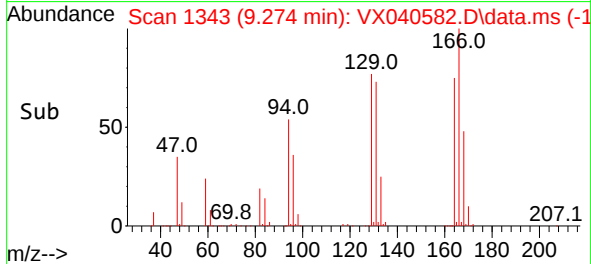
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:164 Resp: 92078
Ion Ratio Lower Upper
164 100
166 133.1 104.0 156.0
129 102.0 82.0 123.0
131 96.6 76.4 114.6

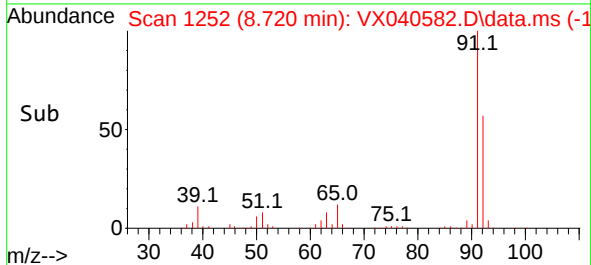
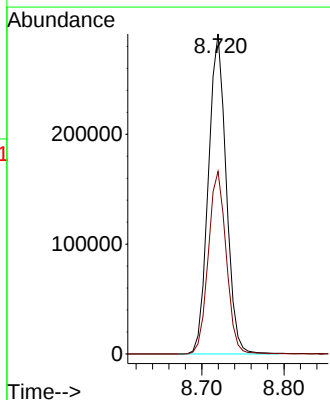
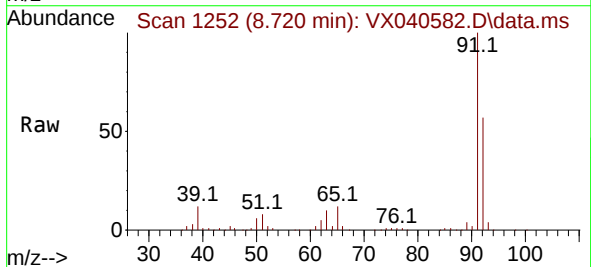
Manual Integrations
APPROVED

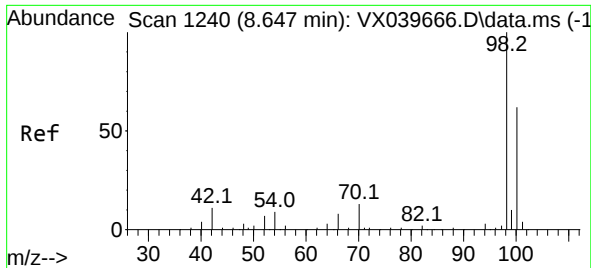
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#62
Toluene
Concen: 67.011 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Tgt Ion: 91 Resp: 438655
Ion Ratio Lower Upper
91 100
92 57.3 45.9 68.9





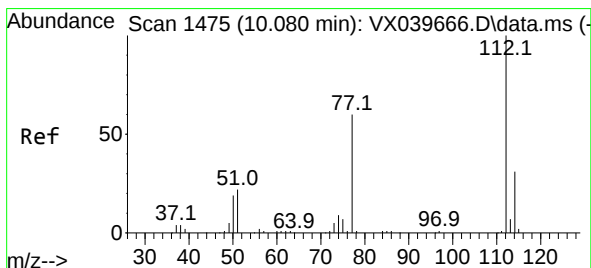
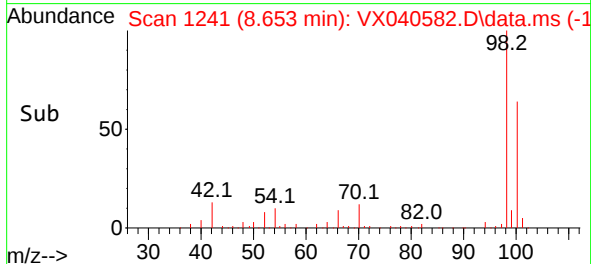
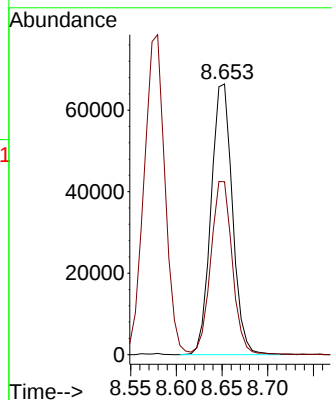
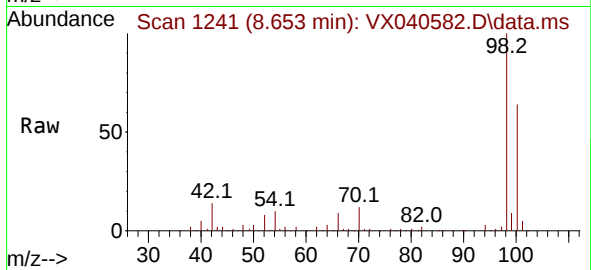
#63
Toluene-d8
Concen: 29.758 ug/l
RT: 8.653 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 98 Resp: 10803
Ion Ratio Lower Upper
98 100
100 64.2 51.0 76.4

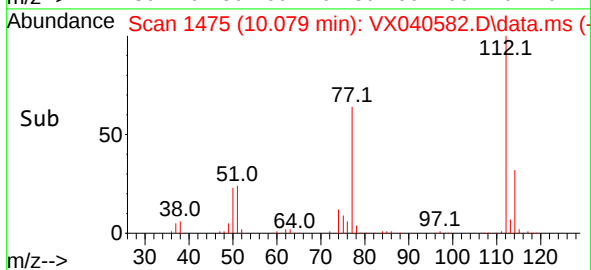
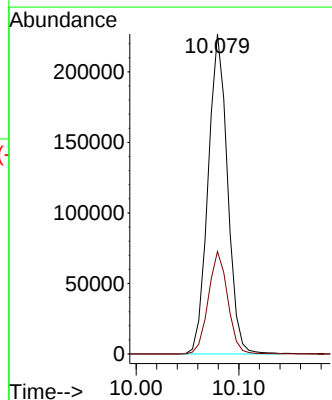
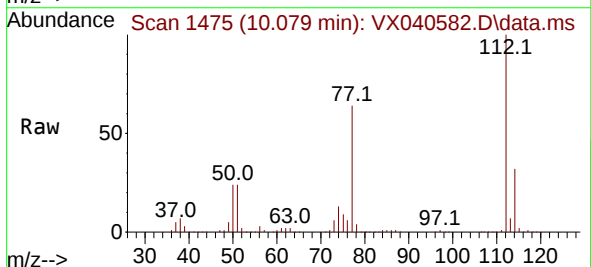
Manual Integrations
APPROVED

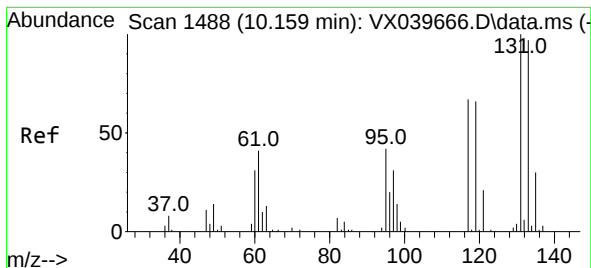
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#64
Chlorobenzene
Concen: 78.174 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Tgt Ion:112 Resp: 297525
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9





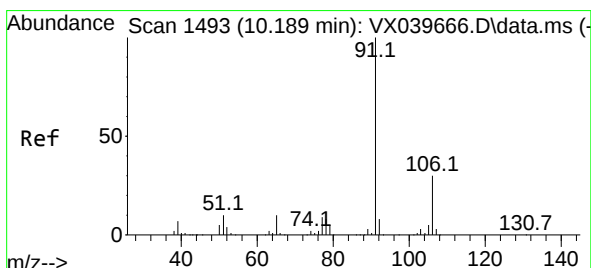
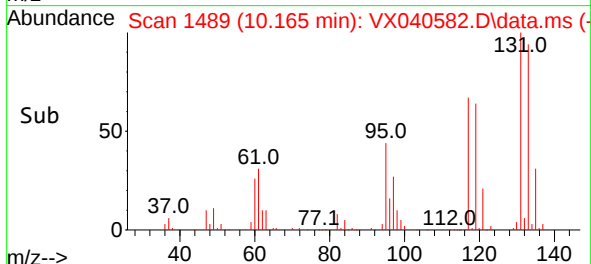
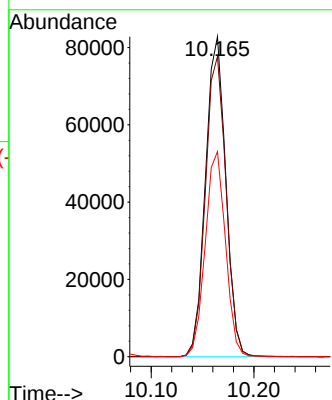
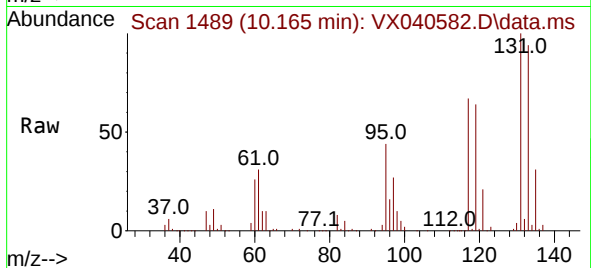
#65
1,1,1,2-Tetrachloroethane
Concen: 84.068 ug/l
RT: 10.165 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:131 Resp: 113750
Ion Ratio Lower Upper
131 100
133 95.4 0.0 191.8
119 64.0 0.0 135.4

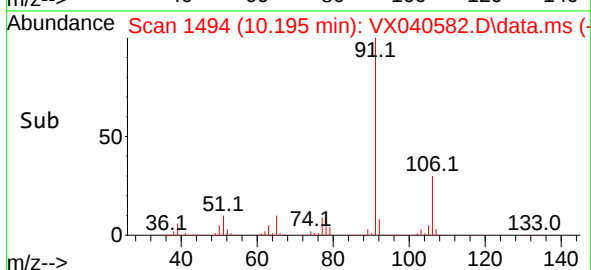
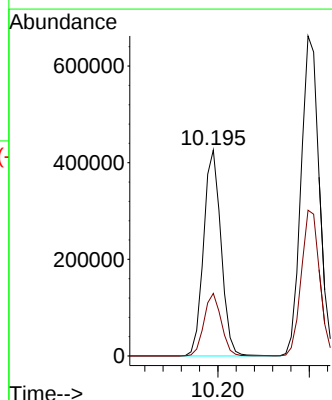
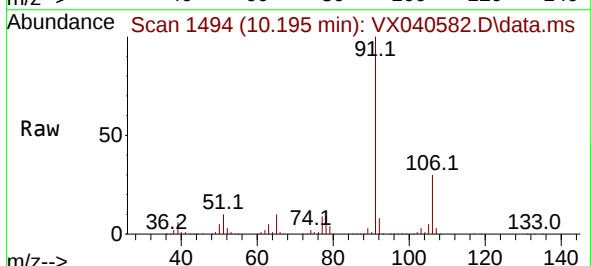
Manual Integrations
APPROVED

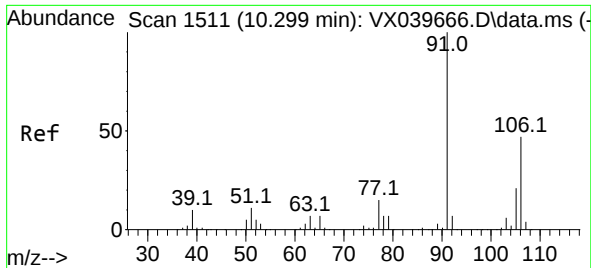
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#66
Ethyl Benzene
Concen: 78.391 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Tgt Ion: 91 Resp: 563468
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6





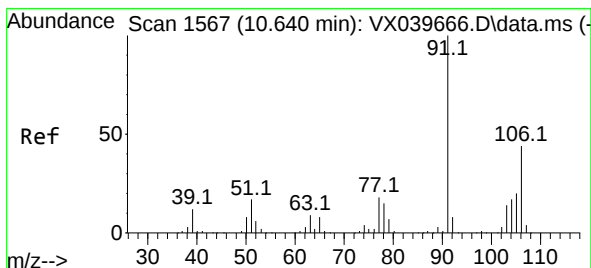
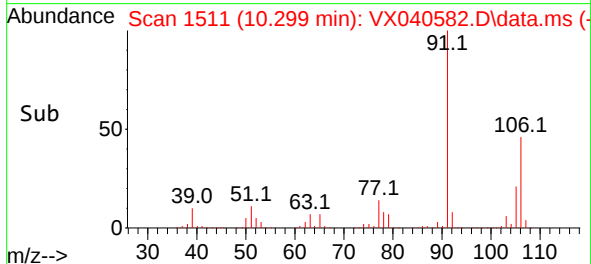
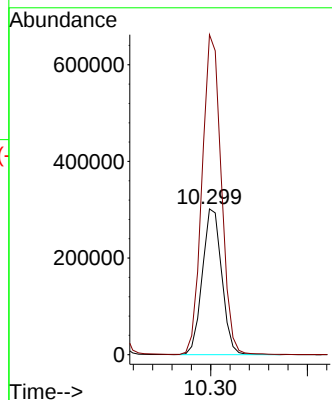
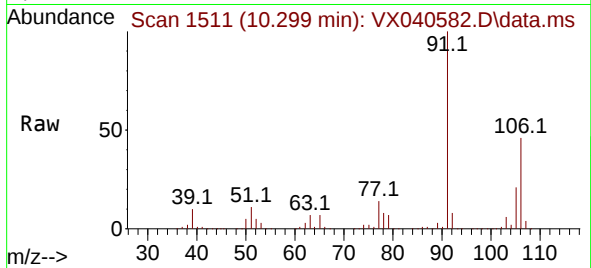
#67
m/p-Xylenes
Concen: 160.749 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 422052
Ion Ratio Lower Upper
106 100
91 217.5 169.4 254.0

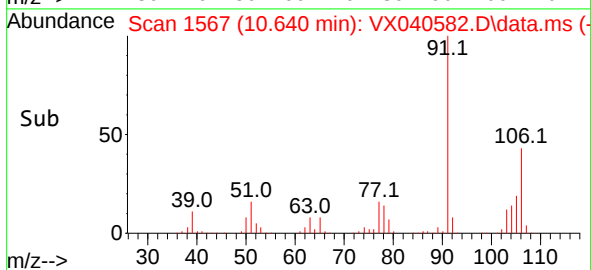
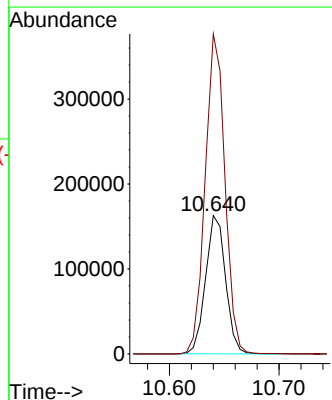
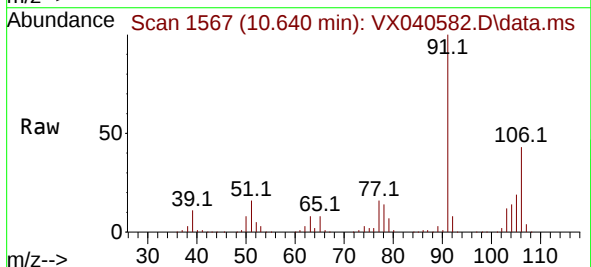
Manual Integrations
APPROVED

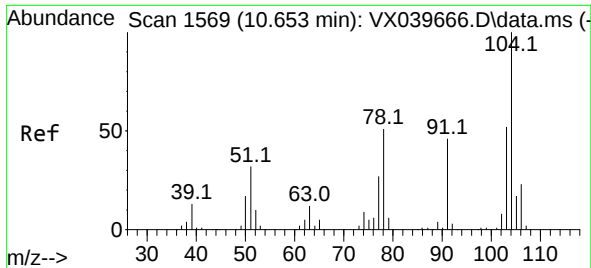
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#68
o-Xylene
Concen: 78.045 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Tgt Ion:106 Resp: 205715
Ion Ratio Lower Upper
106 100
91 229.1 111.2 333.6





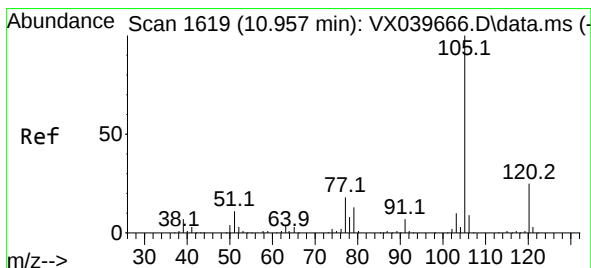
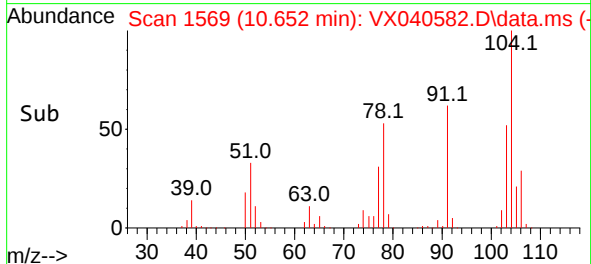
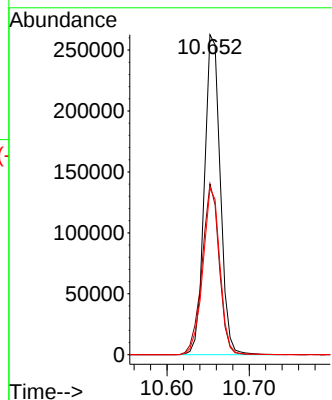
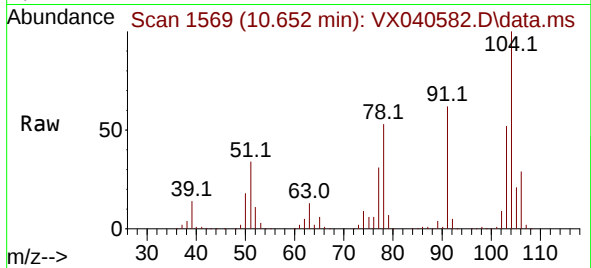
#69
Styrene
Concen: 83.672 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:104 Resp: 352580
Ion Ratio Lower Upper
104 100
78 57.3 43.7 65.5
103 55.7 44.6 67.0

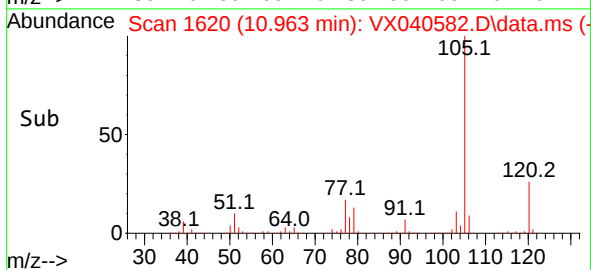
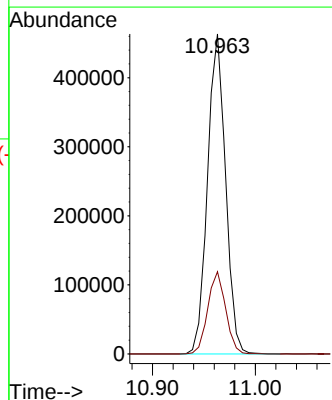
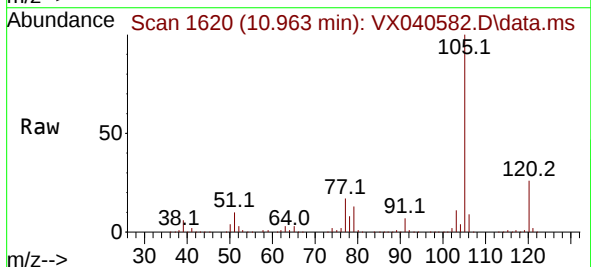
Manual Integrations
APPROVED

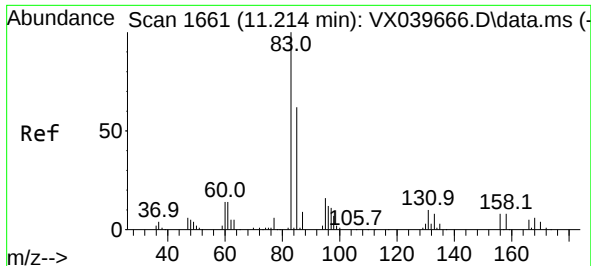
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#70
Isopropylbenzene
Concen: 81.134 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Tgt Ion:105 Resp: 564458
Ion Ratio Lower Upper
105 100
120 25.6 18.5 34.3





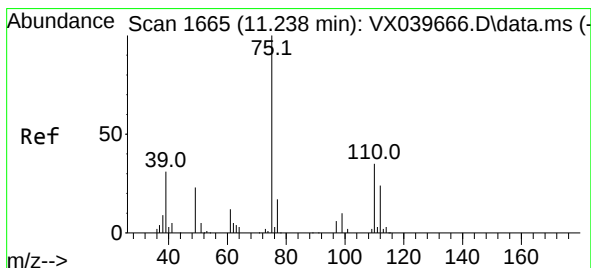
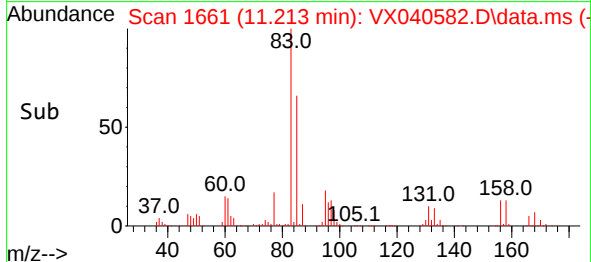
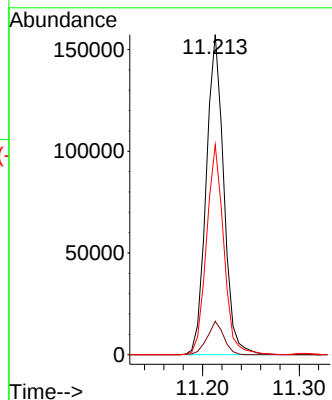
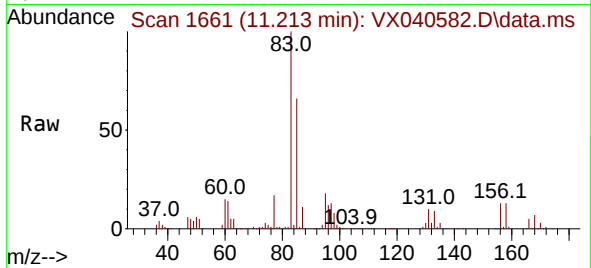
#71
1,1,2,2-Tetrachloroethane
Concen: 74.407 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 198828
Ion Ratio Lower Upper
83 100
131 9.8 4.6 13.8
85 64.5 32.5 97.4

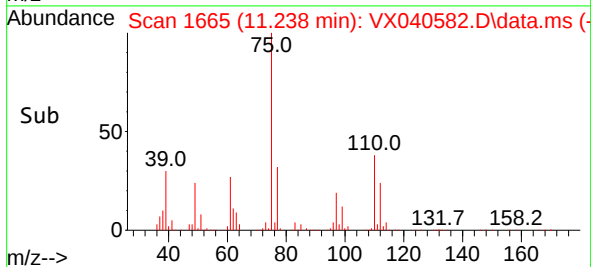
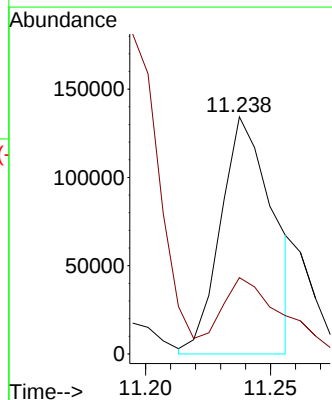
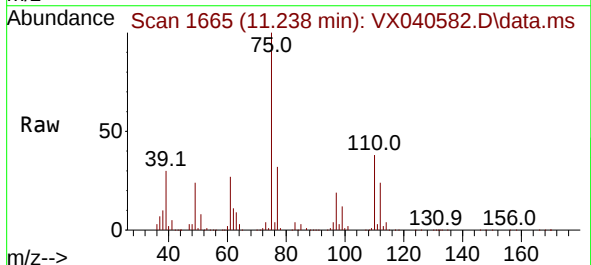
Manual Integrations
APPROVED

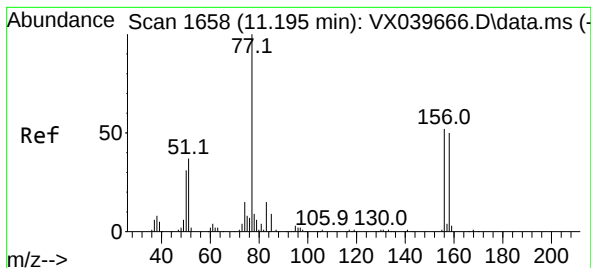
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#72
1,2,3-Trichloropropane
Concen: 86.943 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Tgt Ion: 75 Resp: 194322
Ion Ratio Lower Upper
75 100
77 38.3 0.0 76.4





#73

Bromobenzene

Concen: 85.561 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX040582.D

Acq: 05 Mar 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

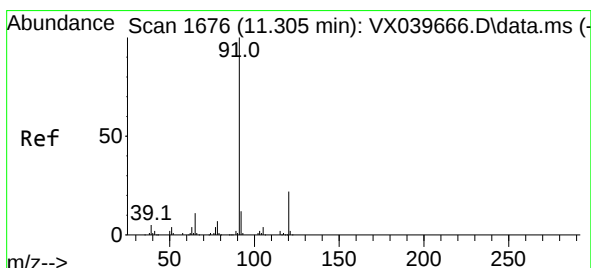
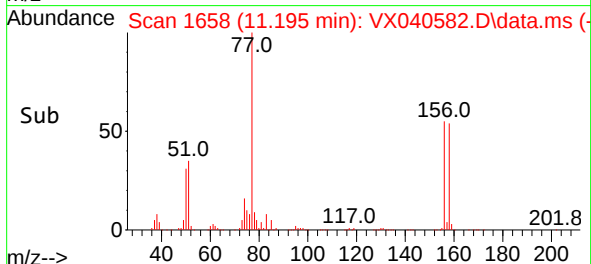
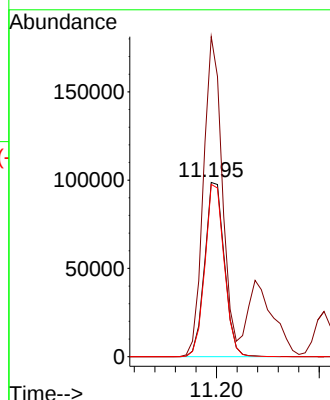
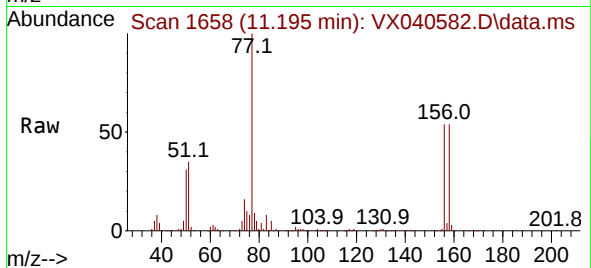
Tgt Ion:	156	Resp:	13142
Ion Ratio	Lower	Upper	
156	100		
77	175.0	0.0	363.2
158	97.2	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2024

Supervised By :Mahesh Dadoda 03/06/2024



#74

n-propylbenzene

Concen: 83.975 ug/l

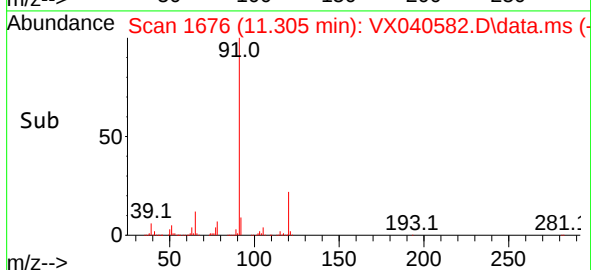
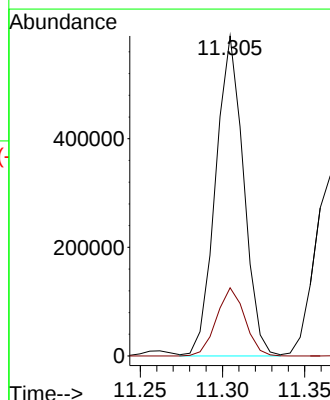
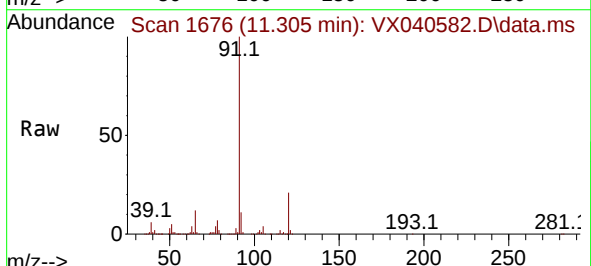
RT: 11.305 min Scan# 1676

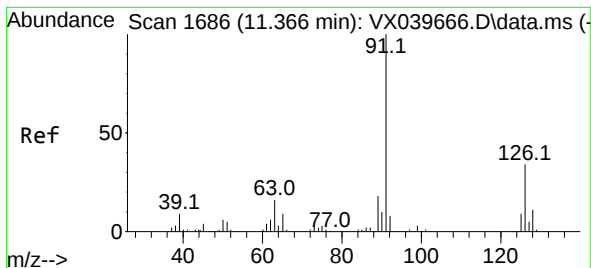
Delta R.T. -0.000 min

Lab File: VX040582.D

Acq: 05 Mar 2024 12:07

Tgt Ion:	91	Resp:	696571
Ion Ratio	Lower	Upper	
91	100		
120	21.5	0.0	43.4





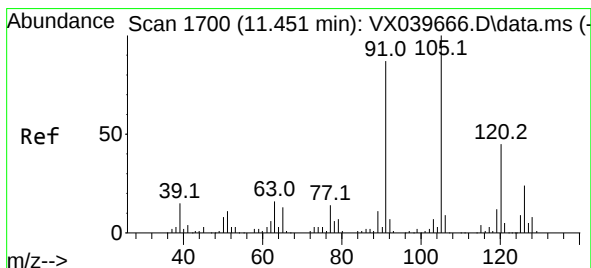
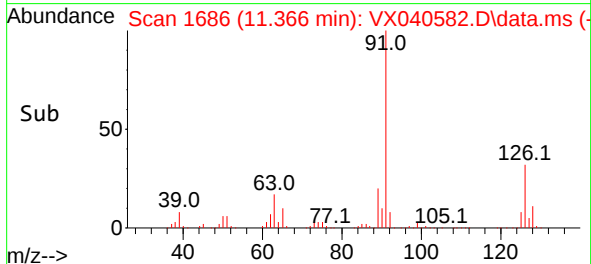
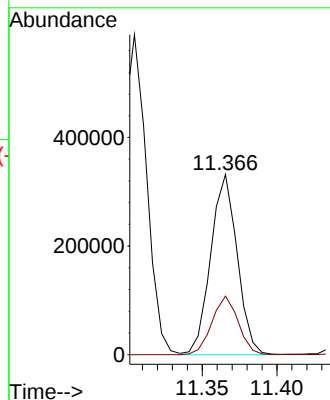
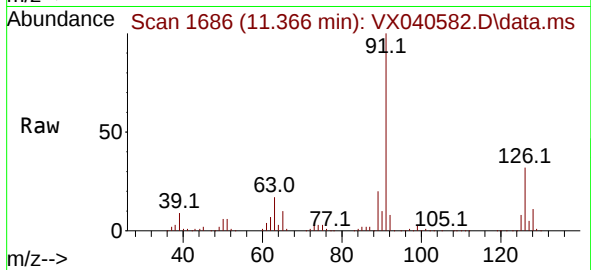
#75
2-Chlorotoluene
Concen: 79.380 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 40906
Ion Ratio Lower Upper
91 100
126 32.1 0.0 64.2

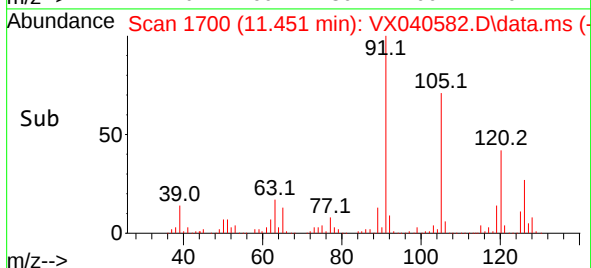
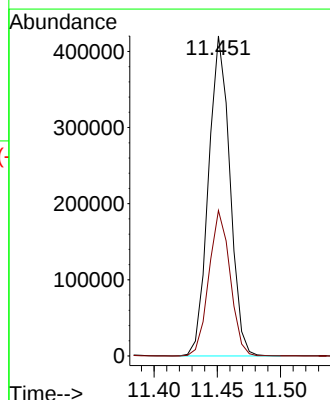
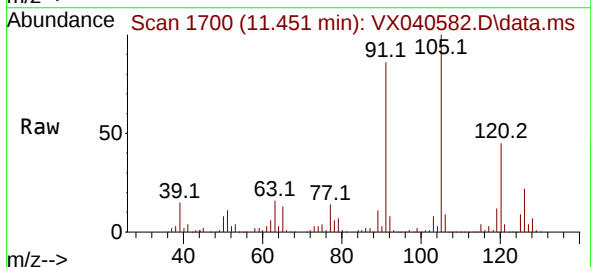
Manual Integrations
APPROVED

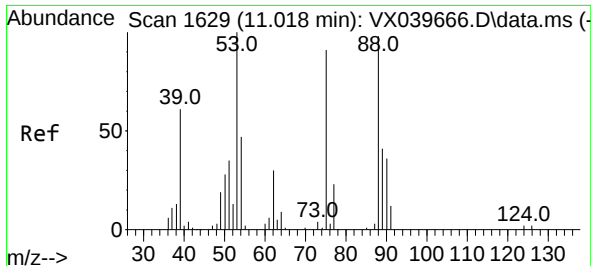
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#76
1,3,5-Trimethylbenzene
Concen: 83.220 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

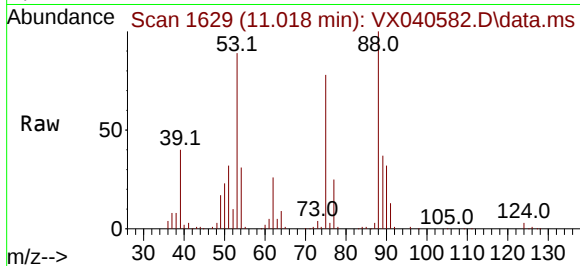
Tgt Ion:105 Resp: 494609
Ion Ratio Lower Upper
105 100
120 45.0 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 81.057 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

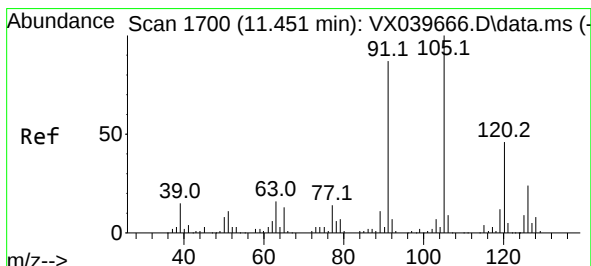
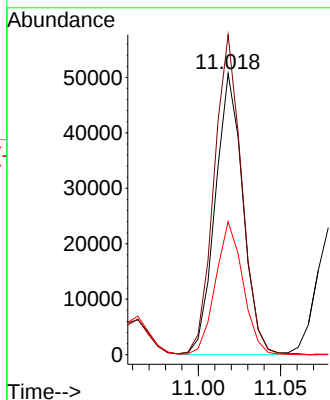
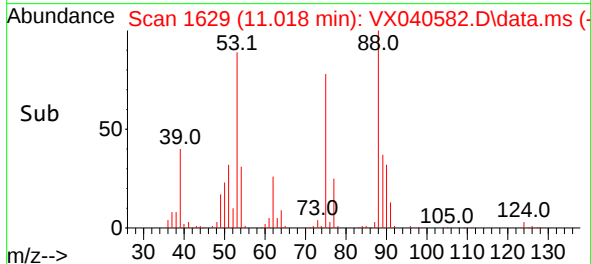
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 5945
Ion Ratio Lower Upper
75 100
53 113.8 46.9 140.8
89 47.3 21.3 63.7

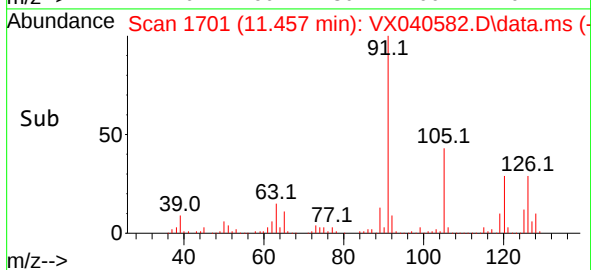
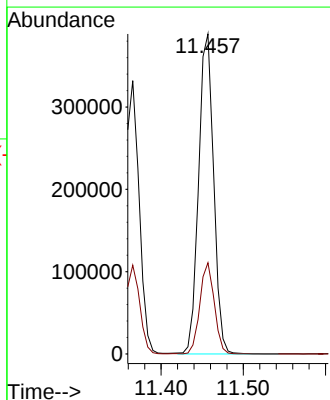
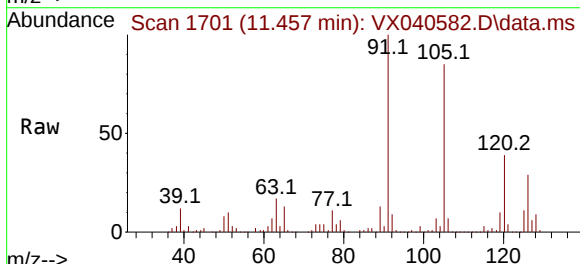
Manual Integrations
APPROVED

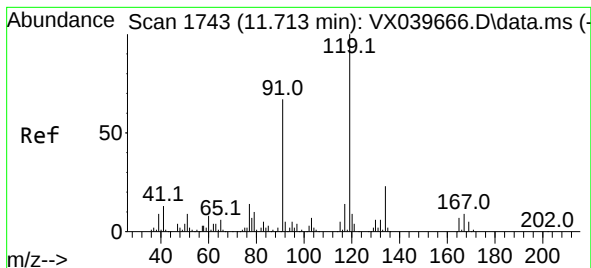
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#78
4-Chlorotoluene
Concen: 86.410 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Tgt Ion: 91 Resp: 493889
Ion Ratio Lower Upper
91 100
126 27.4 0.0 57.4





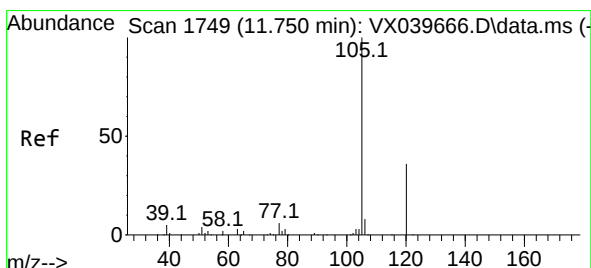
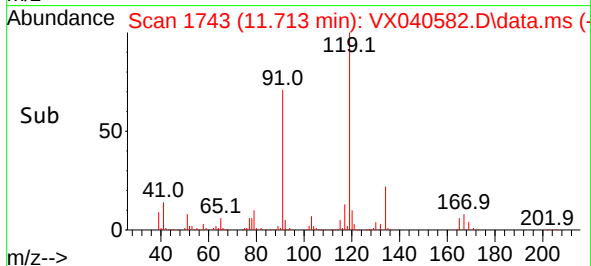
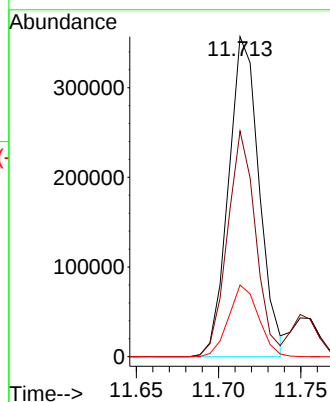
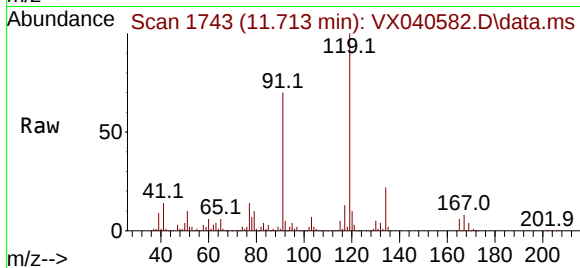
#79
tert-butylbenzene
Concen: 82.106 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 462385
Ion Ratio Lower Upper
119 100
91 65.2 0.0 125.6
134 21.9 0.0 43.8

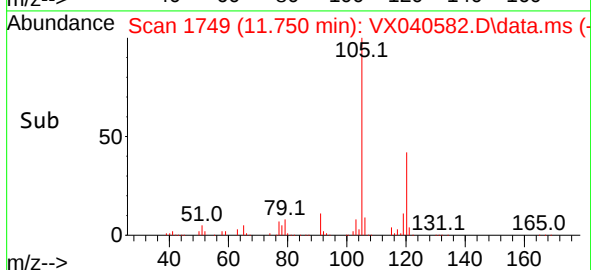
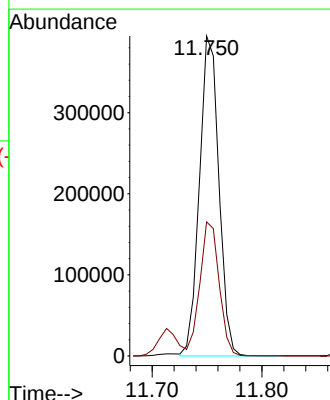
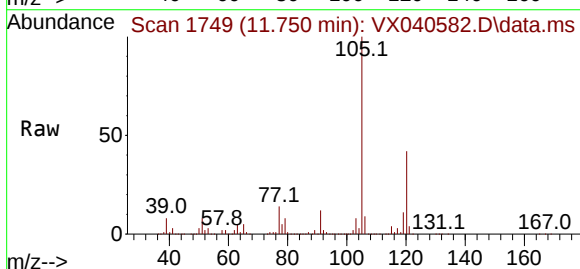
Manual Integrations
APPROVED

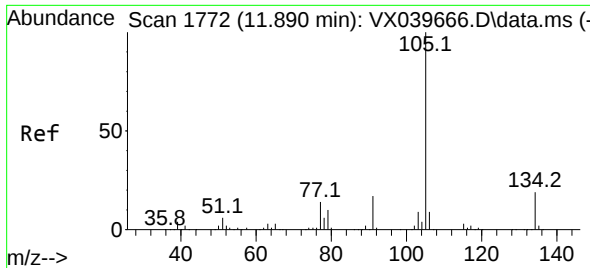
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#80
1,2,4-Trimethylbenzene
Concen: 82.412 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

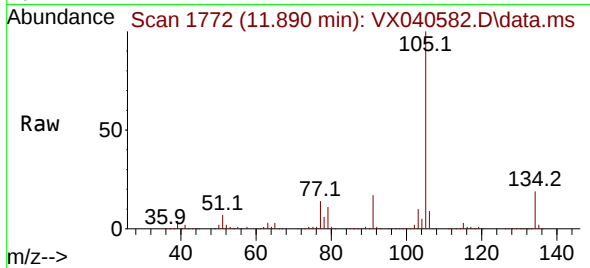
Tgt Ion:105 Resp: 486098
Ion Ratio Lower Upper
105 100
120 41.5 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 82.822 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040582.D
 Acq: 05 Mar 2024 12:07

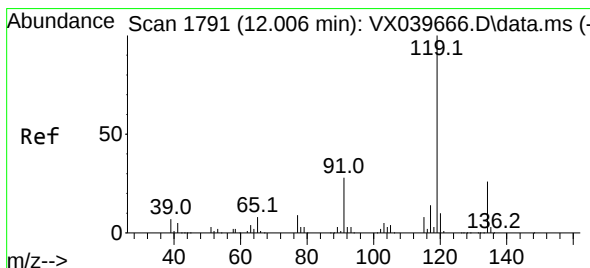
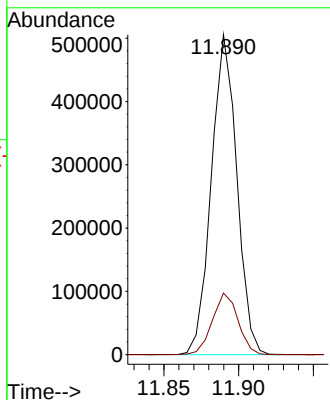
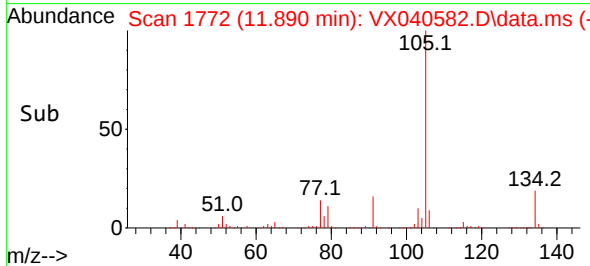
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



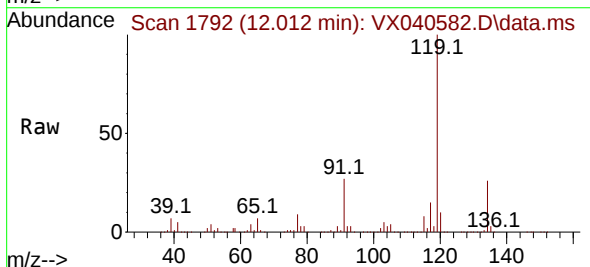
Tgt Ion:105 Resp: 599431
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 38.4

Manual Integrations
 APPROVED

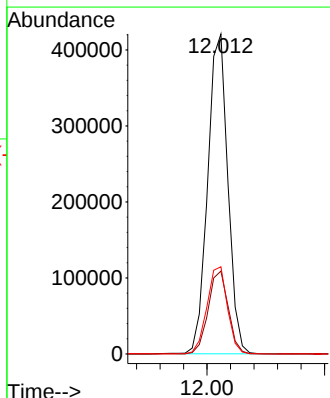
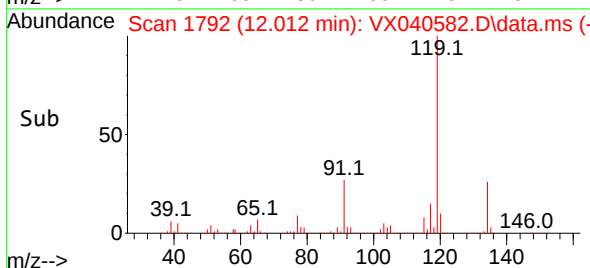
Reviewed By :John Carlone 03/05/2024
 Supervised By :Mahesh Dadoda 03/06/2024

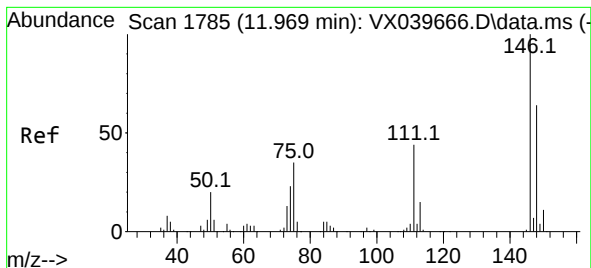


#82
 p-Isopropyltoluene
 Concen: 86.687 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX040582.D
 Acq: 05 Mar 2024 12:07



Tgt Ion:119 Resp: 499331
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 52.6
 91 27.7 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 89.495 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040582.D

Acq: 05 Mar 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 256930

Ion Ratio Lower Upper

146 100

111 43.3 22.3 66.9

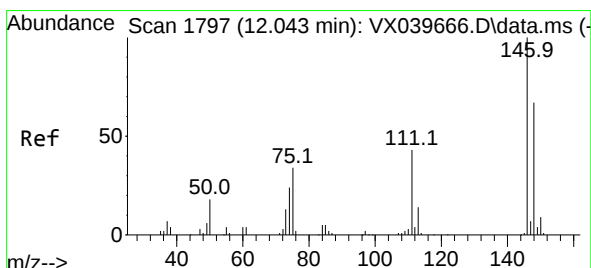
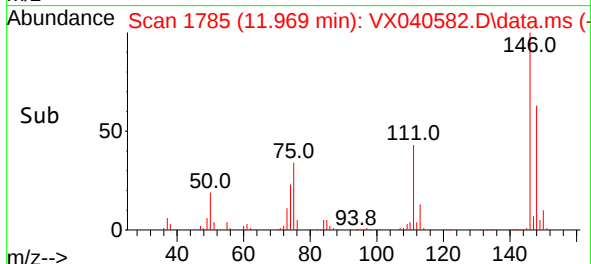
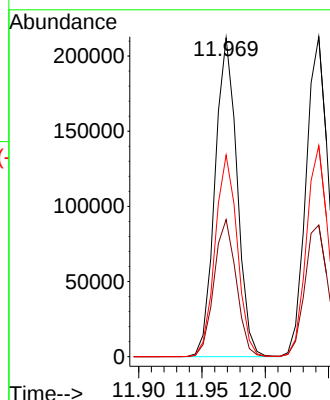
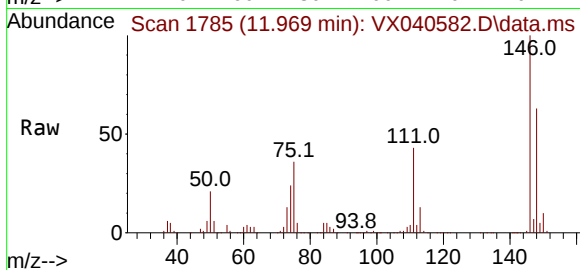
148 63.4 32.8 98.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2024

Supervised By :Mahesh Dadoda 03/06/2024



#84

1,4-Dichlorobenzene

Concen: 91.115 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX040582.D

Acq: 05 Mar 2024 12:07

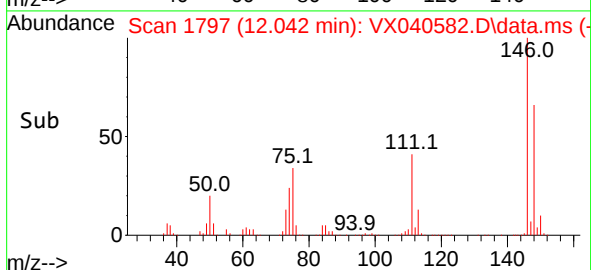
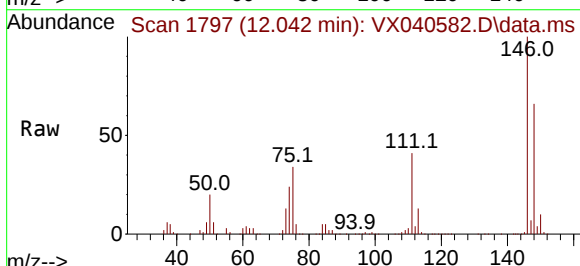
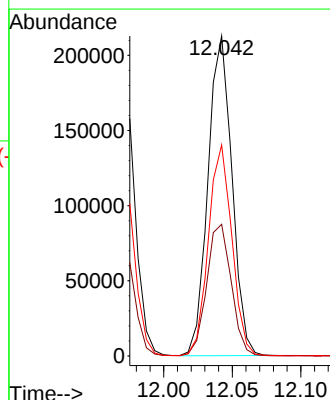
Tgt Ion:146 Resp: 259445

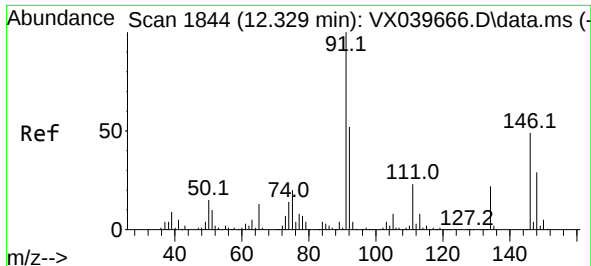
Ion Ratio Lower Upper

146 100

111 42.2 21.4 64.2

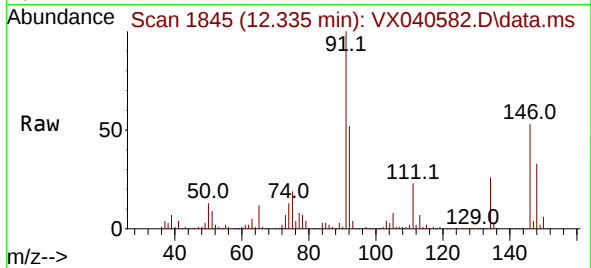
148 64.7 31.8 95.4





#85
n-Butylbenzene
Concen: 84.706 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

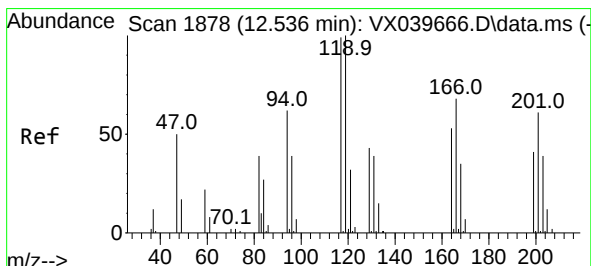
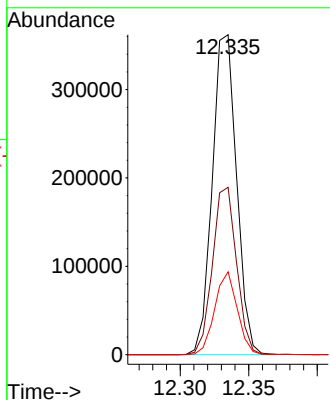
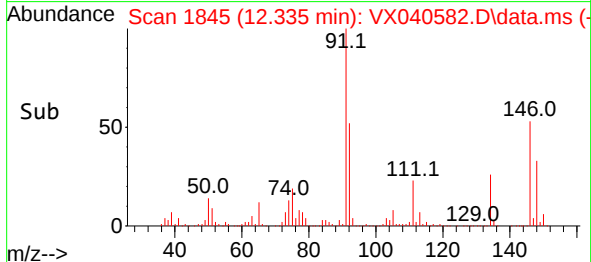
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 446570
Ion Ratio Lower Upper
91 100
92 51.7 0.0 106.2
134 24.0 0.0 48.8

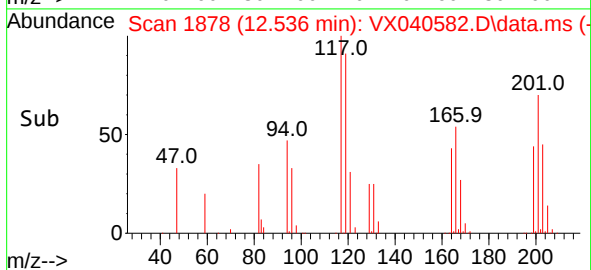
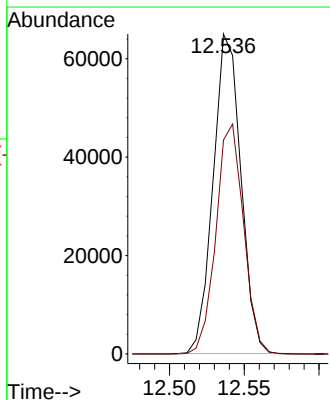
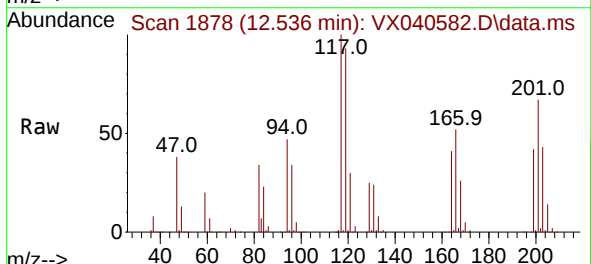
Manual Integrations
APPROVED

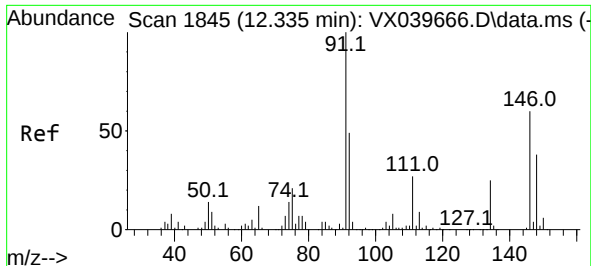
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#86
Hexachloroethane
Concen: 84.969 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

Tgt Ion:117 Resp: 83734
Ion Ratio Lower Upper
117 100
201 71.7 31.8 95.3





#87

1,2-Dichlorobenzene

Concen: 79.430 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX040582.D

Acq: 05 Mar 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 228524

Ion Ratio Lower Upper

146 100

111 44.0 22.4 67.2

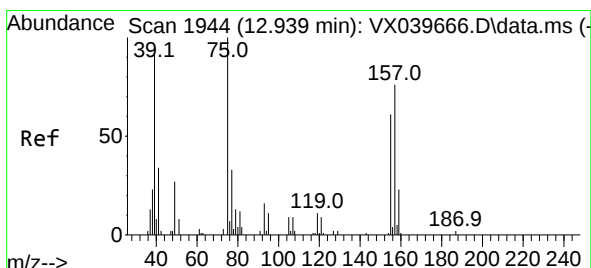
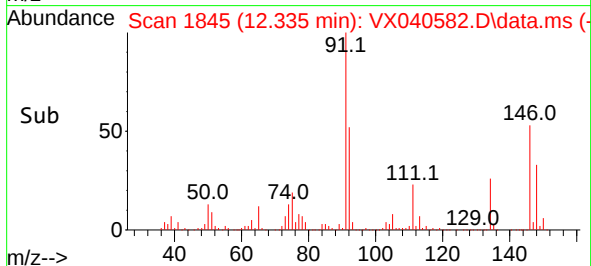
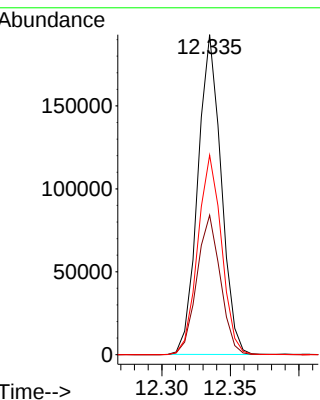
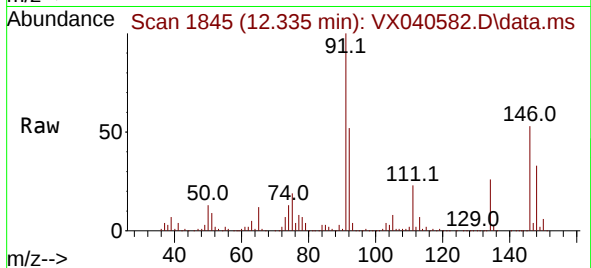
148 63.6 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2024

Supervised By :Mahesh Dadoda 03/06/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 74.865 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX040582.D

Acq: 05 Mar 2024 12:07

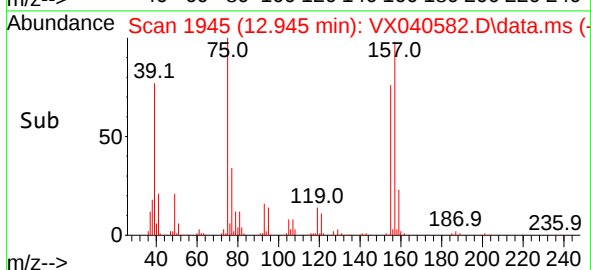
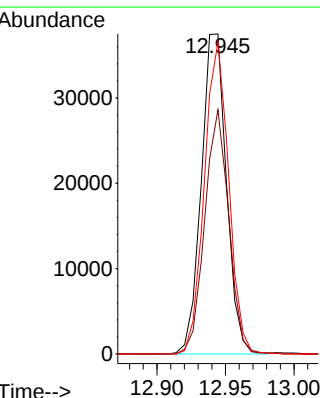
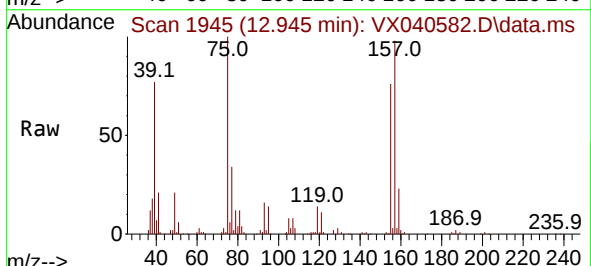
Tgt Ion: 75 Resp: 47902

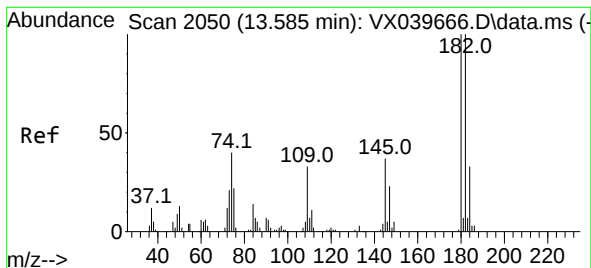
Ion Ratio Lower Upper

75 100

155 72.4 58.2 87.4

157 94.2 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 94.646 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040582.D

Acq: 05 Mar 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

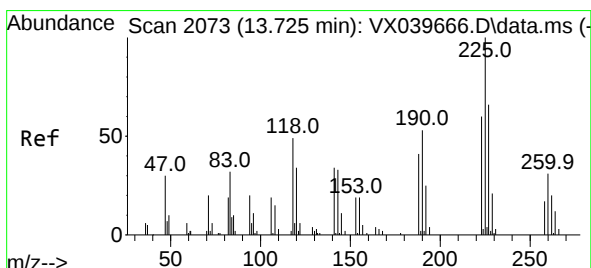
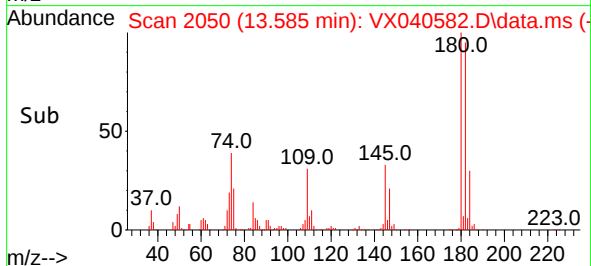
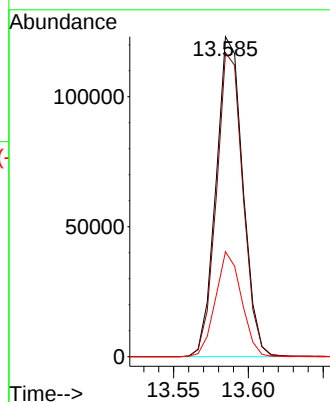
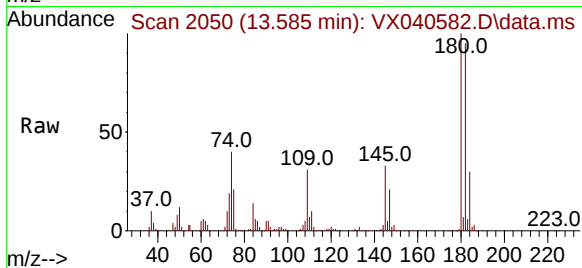
Tgt Ion:180	Resp: 153524
Ion Ratio	Lower Upper
180 100	
182 94.2	74.5 111.7
145 31.9	26.6 40.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2024

Supervised By :Mahesh Dadoda 03/06/2024



#90

Hexachlorobutadiene

Concen: 87.949 ug/l

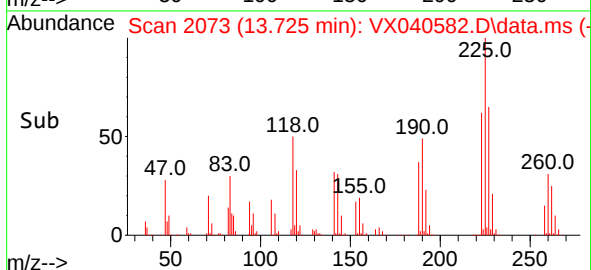
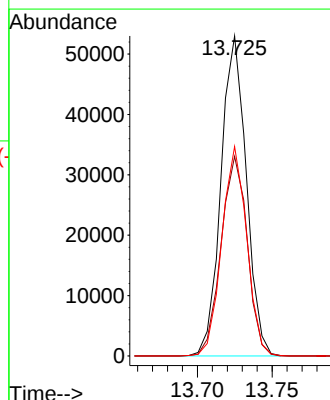
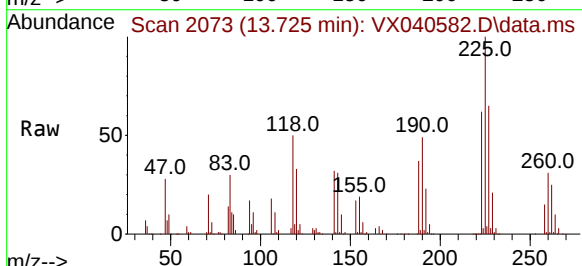
RT: 13.725 min Scan# 2073

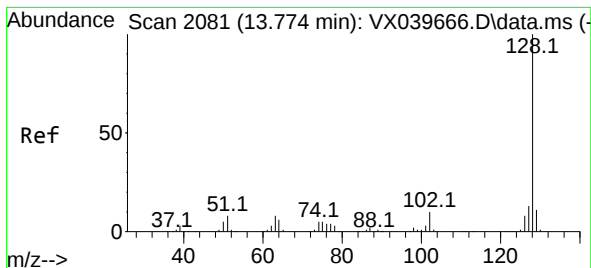
Delta R.T. -0.000 min

Lab File: VX040582.D

Acq: 05 Mar 2024 12:07

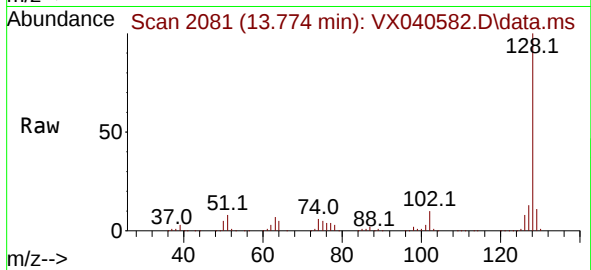
Tgt Ion:225	Resp: 62452
Ion Ratio	Lower Upper
225 100	
223 64.2	0.0 124.4
227 64.4	0.0 124.4





#91
Naphthalene
Concen: 79.265 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07

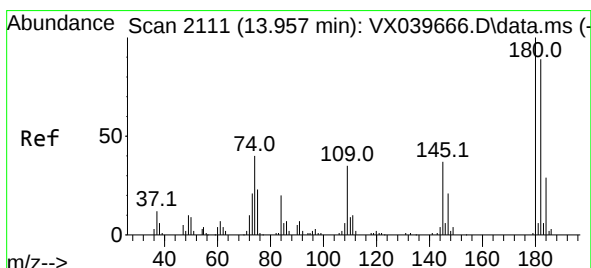
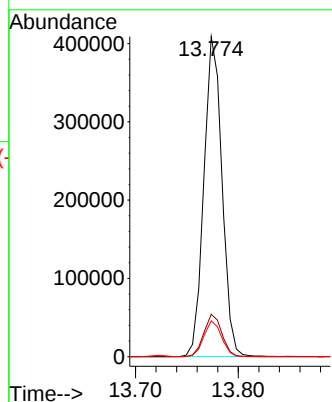
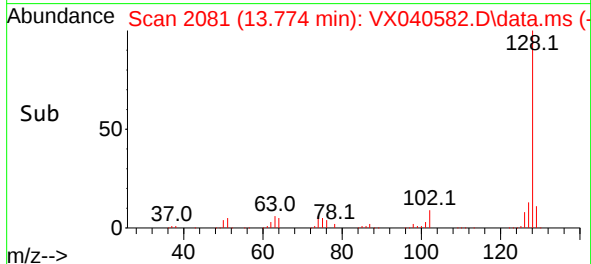
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



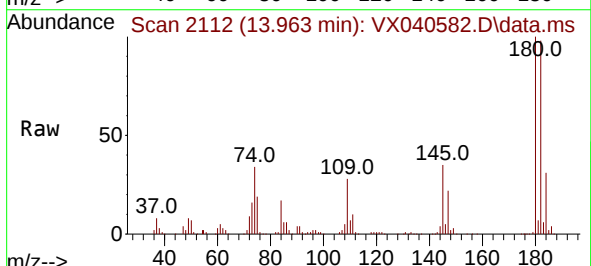
Tgt Ion:128 Resp: 501629
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#92
1,2,3-Trichlorobenzene
Concen: 87.593 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040582.D
Acq: 05 Mar 2024 12:07



Tgt Ion:180 Resp: 147110
Ion Ratio Lower Upper
180 100
182 96.0 0.0 191.6
145 34.6 0.0 69.6

