

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010824\
 Data File : VX039669.D
 Acq On : 08 Jan 2024 18:15
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 09 06:06:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jan 09 05:58:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	4.904	128	8988	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	72123	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	84895	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	42965	30.492	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 101.633%	
60) 4-Bromofluorobenzene	11.079	95	58648	31.321	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 104.400%	
63) Toluene-d8	8.647	98	104724	30.004	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	221290	145.731	ug/l	99
3) Chloromethane	1.295	50	241505	143.151	ug/l	95
4) Vinyl Chloride	1.374	62	239879	145.691	ug/l	98
5) Bromomethane	1.599	94	109421	139.073	ug/l	99
6) Chloroethane	1.666	64	92457	123.653	ug/l	98
7) Trichlorofluoromethane	1.868	101	333063	143.254	ug/l	95
8) Diethyl Ether	2.136	74	126011	144.852	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	202288	142.052	ug/l	99
10) 1,1-Dichloroethene	2.313	96	197096	144.450	ug/l	98
11) Methyl Iodide	2.447	142	250658	167.644	ug/l	99
12) Methyl Acetate	2.703	43	312708	142.301	ug/l	99
13) Acrolein	2.240	56	219004	667.945	ug/l	99
14) Acrylonitrile	3.069	53	716115	710.606	ug/l	99
15) Acetone	2.386	58	217294	683.593	ug/l	90
16) Carbon Disulfide	2.502	76	555863	151.107	ug/l	97
17) Allyl chloride	2.660	41	405109	150.565	ug/l	96
18) Methylene Chloride	2.788	84	231344	145.040	ug/l	98
19) trans-1,2-Dichloroethene	3.087	96	205695	142.072	ug/l	96
20) Diisopropyl ether	3.764	45	763530	145.384	ug/l	92
21) 1,1-Dichloroethane	3.605	63	423732	144.503	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	245500	145.063	ug/l	95
23) tert-Butyl Alcohol	3.032	59	352596	742.880	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	739902	147.948	ug/l	95
25) Chloroform	5.093	83	424777	147.602	ug/l	97
26) Cyclohexane	5.465	56	363699	142.972	ug/l #	97
29) 1,1-Dichloropropene	5.690	75	305667	147.685	ug/l	97
30) 2-Butanone	4.562	43	1078689	726.659	ug/l	99
31) 2,2-Dichloropropane	4.471	77	358866	155.952	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	366935	153.394	ug/l	98
33) Carbon Tetrachloride	5.672	117	303266	160.817	ug/l	97
34) Benzene	6.038	78	887104	144.483	ug/l	99
35) Methacrylonitrile	4.922	41	218838	153.213	ug/l	97
36) 1,2-Dichloroethane	6.086	62	364406	151.354	ug/l	97
37) Trichloroethene	7.123	130	213474	146.340	ug/l	99
38) Methylcyclohexane	7.379	83	370991	146.506	ug/l	96
39) 1,2-Dichloropropane	7.428	63	240132	145.153	ug/l	99
40) Dibromomethane	7.580	93	170440	152.525	ug/l	97
41) Bromodichloromethane	7.824	83	328771	158.771	ug/l	99
42) Vinyl Acetate	3.721	43	3647973	743.247	ug/l	99

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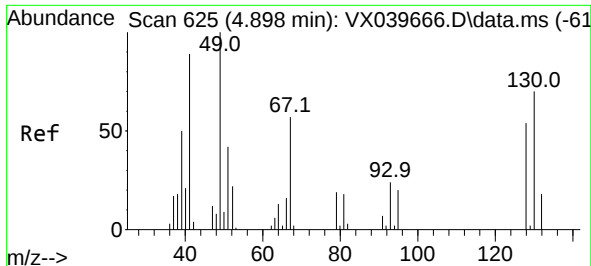
Manual Integrations
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 Supervised By : Mahesh Dadoda 01/09/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	419538	150.783	ug/l	99
44) Isopropyl Acetate	6.342	43	668071	155.318	ug/l	98
45) 1,4-Dioxane	7.672	88	120867	2914.584	ug/l	98
46) Methyl methacrylate	7.696	41	319153	154.494	ug/l	97
47) n-amyl Acetate	10.842	43	603549	160.669	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	375040	168.280	ug/l	96
49) cis-1,3-Dichloropropene	8.367	75	388547	159.190	ug/l	95
50) 1,1,2-Trichloroethane	9.153	97	225914	147.483	ug/l	98
51) Ethyl methacrylate	9.122	69	397680	155.416	ug/l	98
52) 1,3-Dichloropropane	9.311	76	386925	146.378	ug/l	100
53) Dibromochloromethane	9.525	129	233843	164.039	ug/l	98
54) 1,2-Dibromoethane	9.610	107	242420	151.007	ug/l	99
55) 2-Chloroethyl vinyl ether	8.245	63	909351	730.345	ug/l	99
56) Bromoform	10.799	173	166539	173.447	ug/l	98
58) 4-Methyl-2-Pentanone	8.580	43	2013234	720.952	ug/l	99
59) 2-Hexanone	9.439	43	1621439	717.313	ug/l	98
61) Tetrachloroethene	9.275	164	162462	144.467	ug/l	97
62) Toluene	8.720	91	916556	145.632	ug/l	100
64) Chlorobenzene	10.080	112	542044	148.132	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	204772	157.406	ug/l	99
66) Ethyl Benzene	10.195	91	1034383	149.676	ug/l	99
67) m/p-Xylenes	10.299	106	734577	291.000	ug/l	96
68) o-Xylene	10.640	106	367894	145.169	ug/l	96
69) Styrene	10.659	104	617972	152.531	ug/l	98
70) Isopropylbenzene	10.964	105	979962	146.506	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.214	83	386794	150.554	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	314792m	143.652	ug/l	
73) Bromobenzene	11.201	156	216506	146.606	ug/l	93
74) n-propylbenzene	11.305	91	1223658	153.433	ug/l	99
75) 2-Chlorotoluene	11.366	91	724084	146.144	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	840691	147.122	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	134760	191.095	ug/l	92
78) 4-Chlorotoluene	11.457	91	829621	150.969	ug/l	97
79) tert-butylbenzene	11.713	119	805093	148.692	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	851042	150.069	ug/l	99
81) sec-Butylbenzene	11.890	105	1061200	152.502	ug/l	99
82) p-Isopropyltoluene	12.006	119	851700	153.789	ug/l	98
83) 1,3-Dichlorobenzene	11.970	146	422989	153.246	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	421755	154.056	ug/l	99
85) n-Butylbenzene	12.329	91	846161	166.936	ug/l	98
86) Hexachloroethane	12.536	117	166004	175.206	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	406207	146.850	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	105590	171.641	ug/l	93
89) 1,2,4-Trichlorobenzene	13.585	180	262917	168.585	ug/l	98
90) Hexachlorobutadiene	13.725	225	105950	155.188	ug/l	98
91) Naphthalene	13.774	128	1001228	164.555	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	261090	161.693	ug/l	99

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



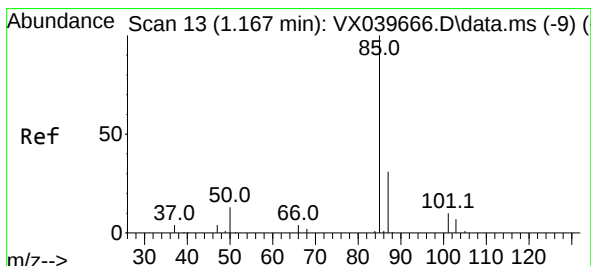
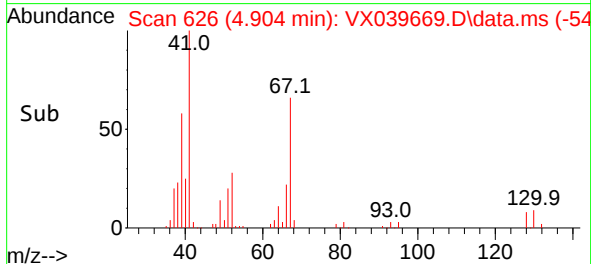
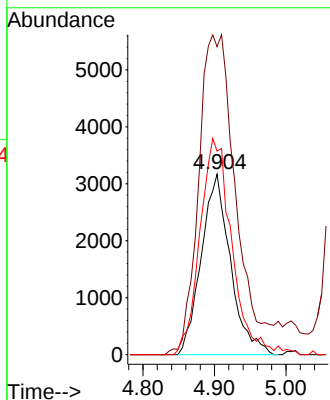
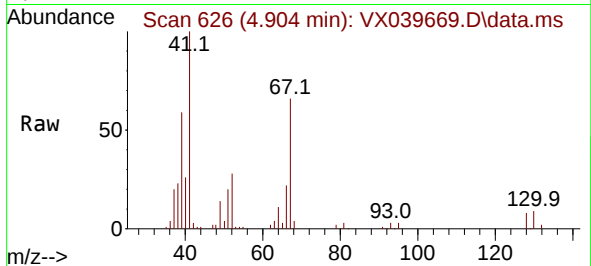
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 898
Ion Ratio Lower Upper
128 100
49 115.5 0.0 444.0
130 126.7 0.0 297.8

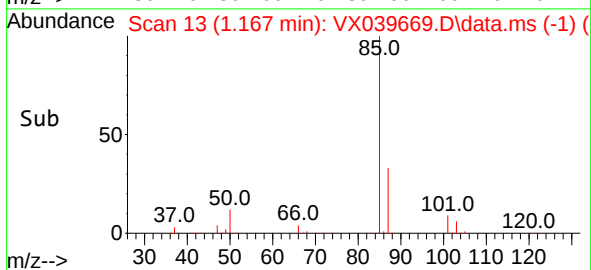
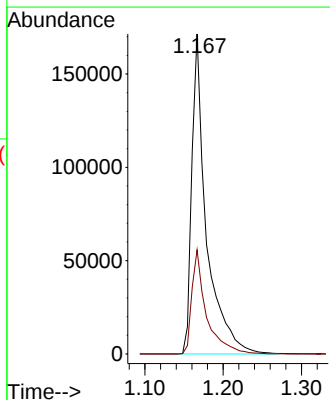
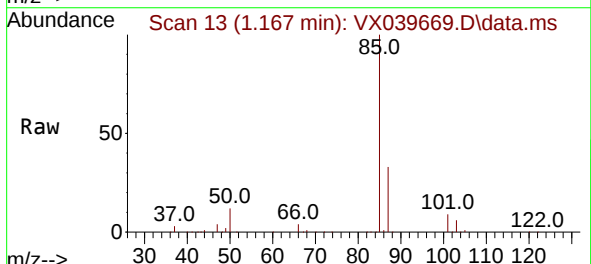
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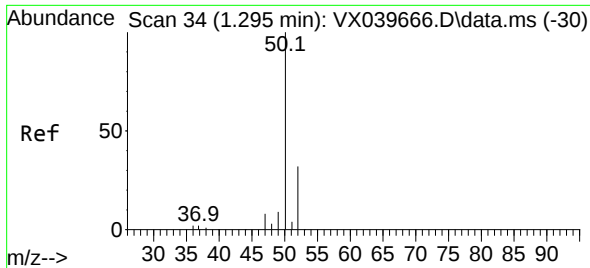
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#2
Dichlorodifluoromethane
Concen: 145.731 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

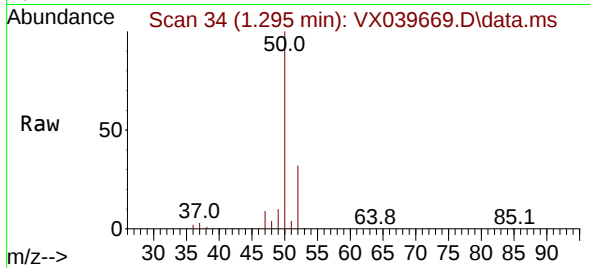
Tgt Ion: 85 Resp: 221290
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.1





#3
Chloromethane
Concen: 143.151 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

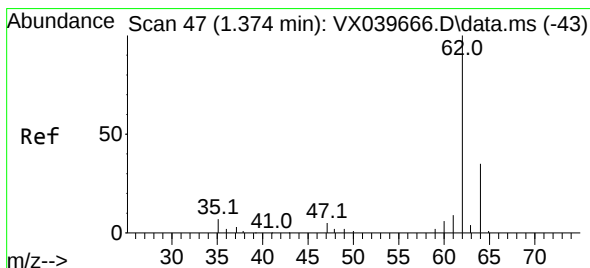
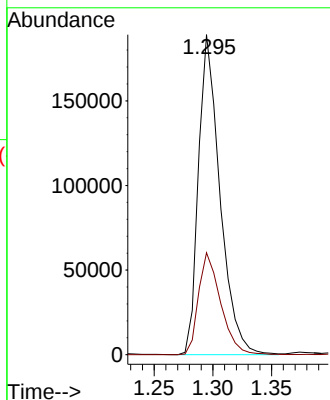
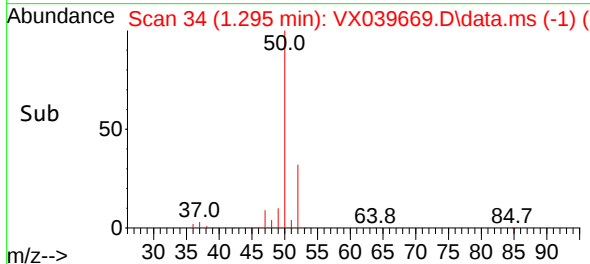
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 50 Resp: 241509
Ion Ratio Lower Upper
50 100
52 31.8 27.8 41.8

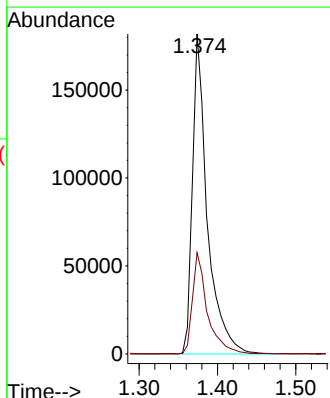
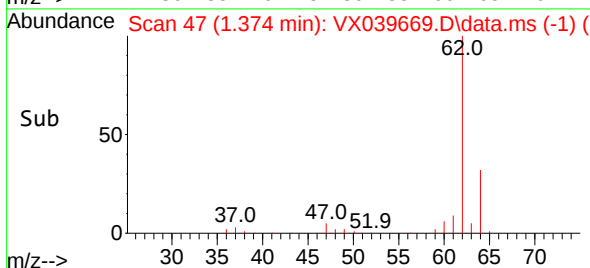
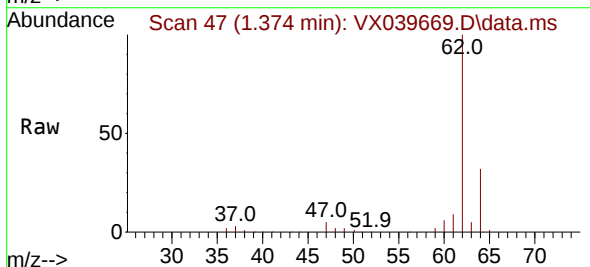
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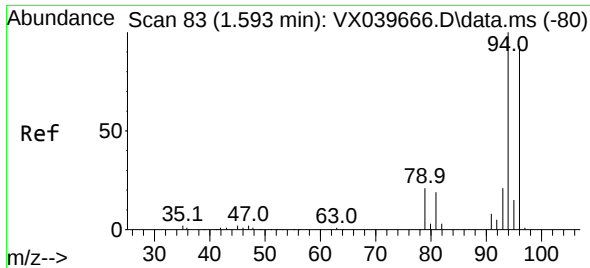
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#4
Vinyl Chloride
Concen: 145.691 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Tgt Ion: 62 Resp: 239879
Ion Ratio Lower Upper
62 100
64 31.6 26.3 39.5





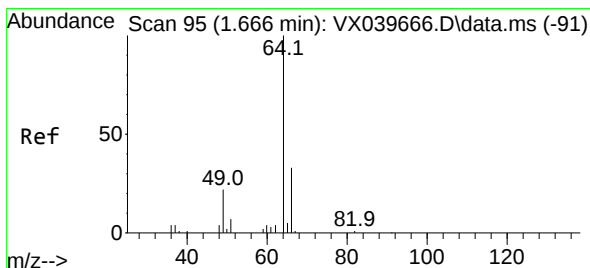
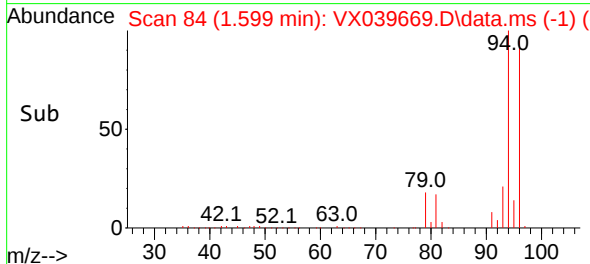
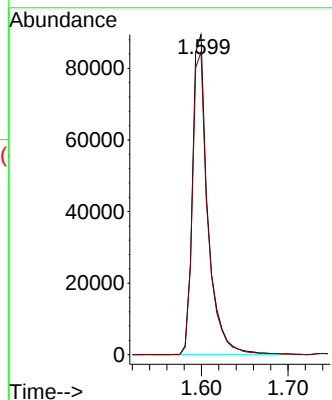
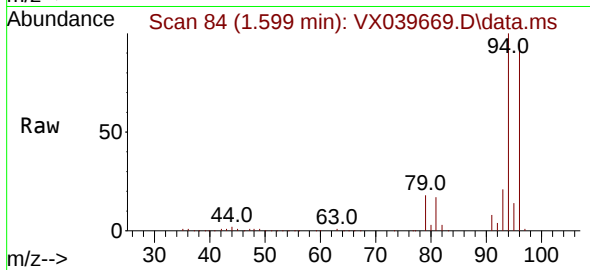
#5
Bromomethane
Concen: 139.073 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 10942
Ion Ratio Lower Upper
94 100
96 94.7 74.9 112.3

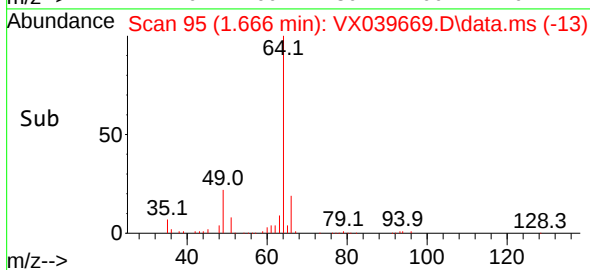
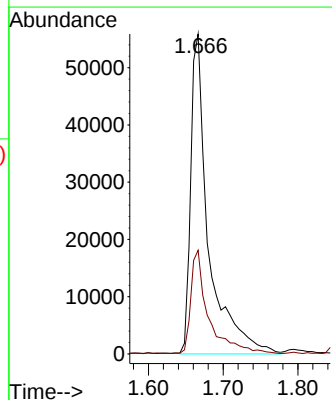
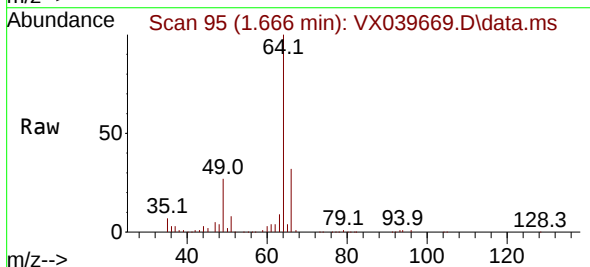
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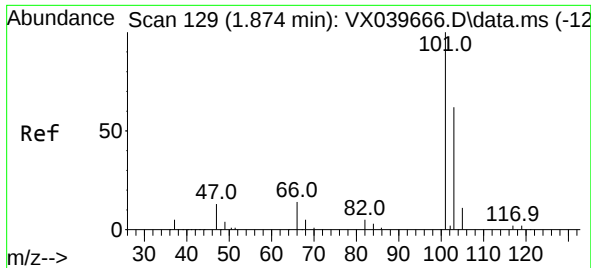
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#6
Chloroethane
Concen: 123.653 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

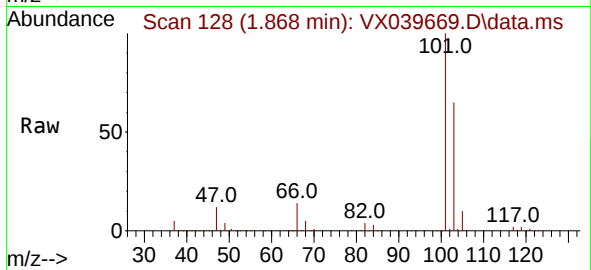
Tgt Ion: 64 Resp: 92457
Ion Ratio Lower Upper
64 100
66 32.4 25.0 37.6





#7
Trichlorofluoromethane
Concen: 143.254 ug/l
RT: 1.868 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

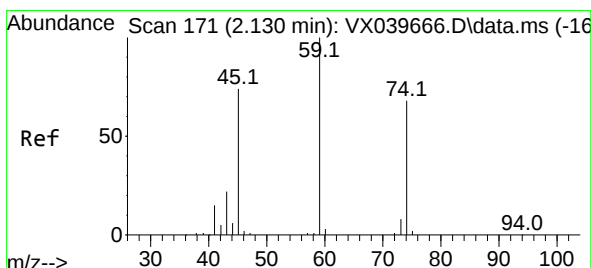
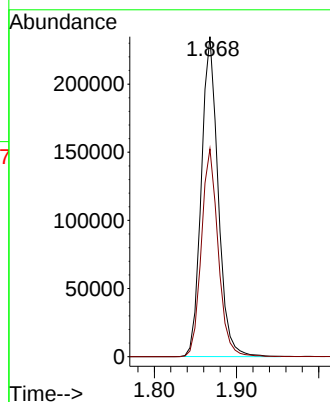
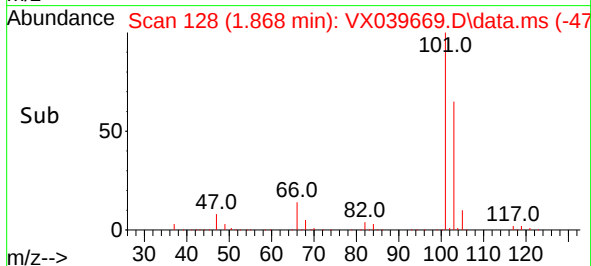
Instrument :
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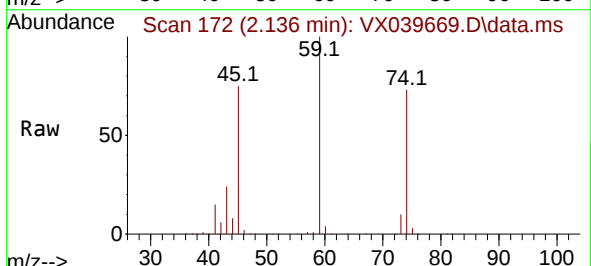
Tgt Ion:101 Resp: 33306
Ion Ratio Lower Upper
101 100
103 65.0 49.1 73.7

Manual Integrations
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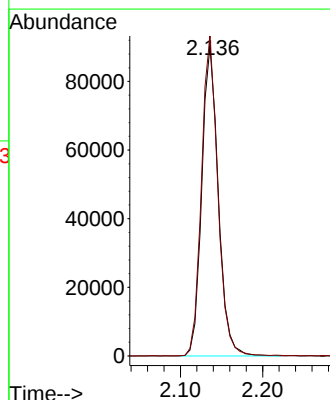
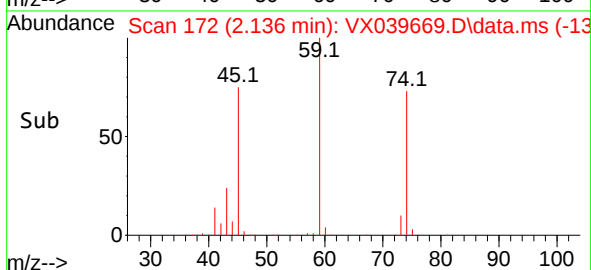
Reviewed By :John Carlone 01/09/2024
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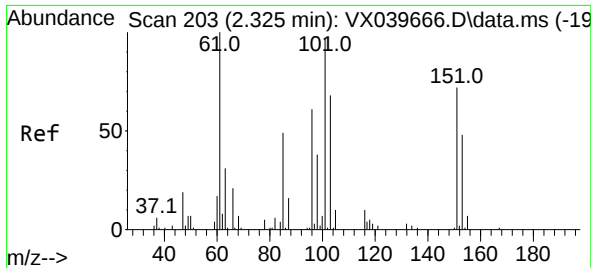


#8
Diethyl Ether
Concen: 144.852 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15



Tgt Ion: 74 Resp: 126011
Ion Ratio Lower Upper
74 100
45 102.4 20.5 184.5





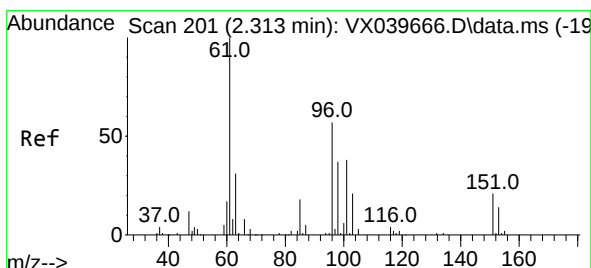
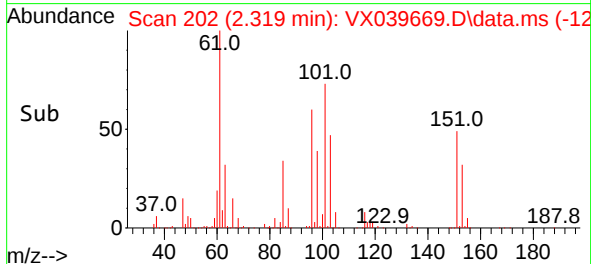
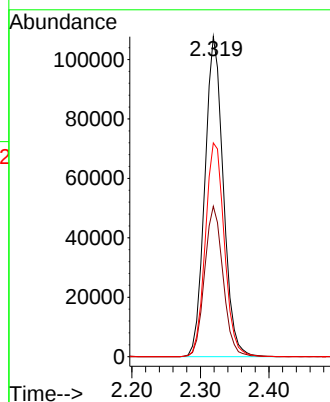
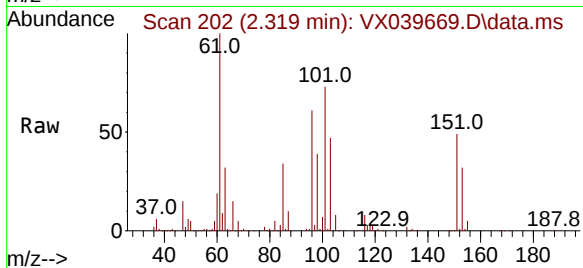
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1,1,2-Trichlorotrifluoroethane
Concen: 142.052 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 20228
Ion Ratio Lower Upper
101 100
85 46.9 0.0 95.2
151 68.9 0.0 136.8

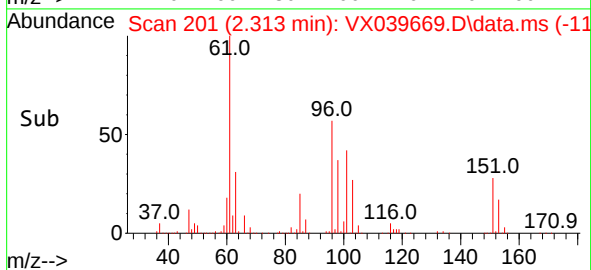
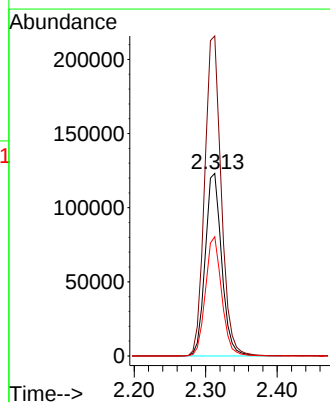
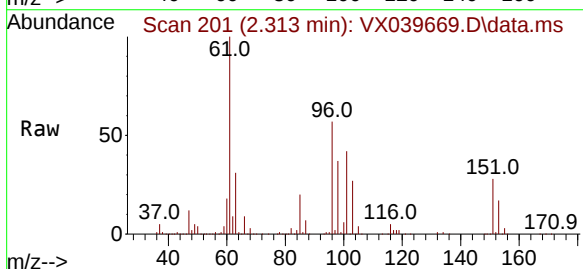
Manual Integrations
APPROVED

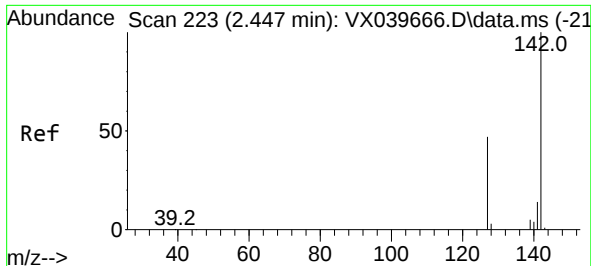
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#10
1,1-Dichloroethene
Concen: 144.450 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

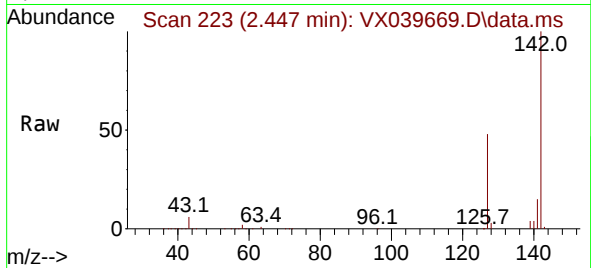
Tgt Ion: 96 Resp: 197096
Ion Ratio Lower Upper
96 100
61 175.3 138.3 207.5
98 65.3 49.8 74.6





#11
Methyl Iodide
Concen: 167.644 ug/l
RT: 2.447 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

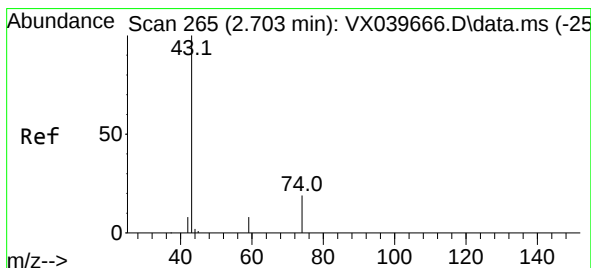
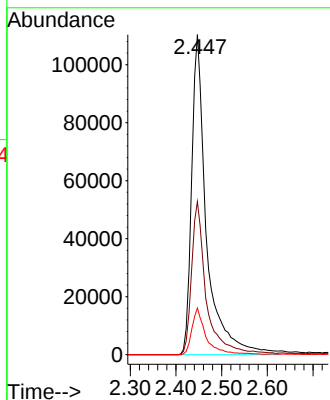
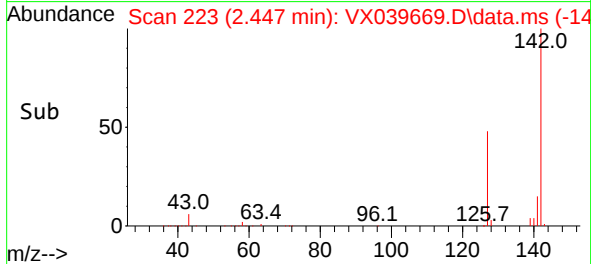
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:142 Resp: 250658
Ion Ratio Lower Upper
142 100
127 47.9 23.8 71.4
141 14.6 6.9 20.6

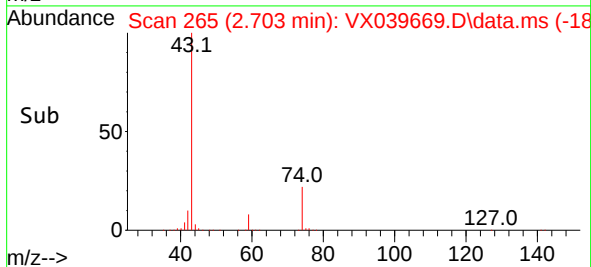
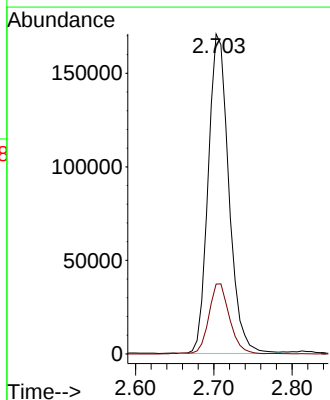
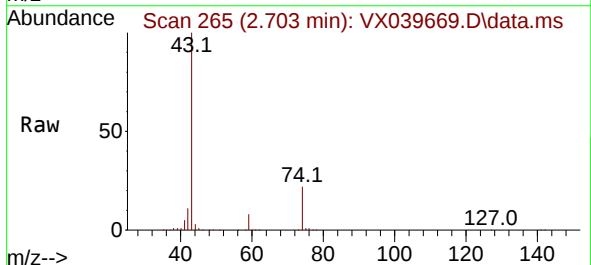
Manual Integrations
APPROVED

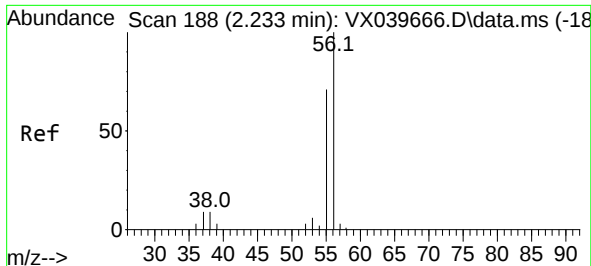
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#12
Methyl Acetate
Concen: 142.301 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

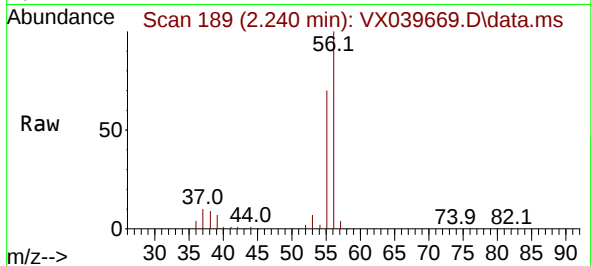
Tgt Ion: 43 Resp: 312708
Ion Ratio Lower Upper
43 100
74 21.7 17.8 26.6





#13
Acrolein
Concen: 667.945 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

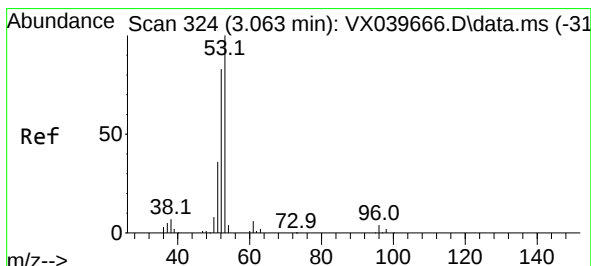
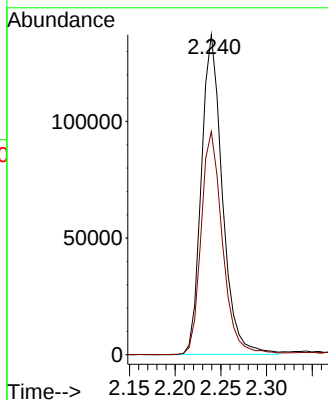
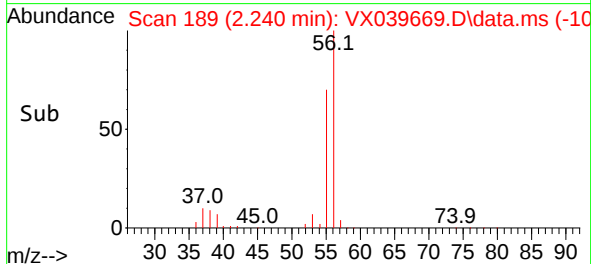
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 219004
Ion Ratio Lower Upper
56 100
55 71.0 57.2 85.8

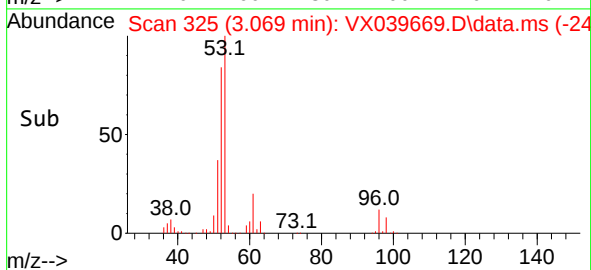
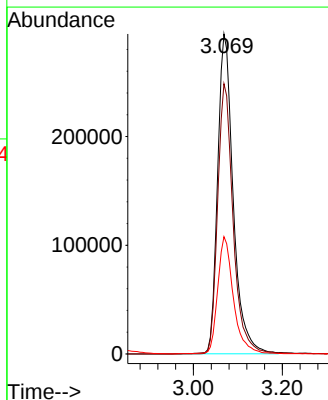
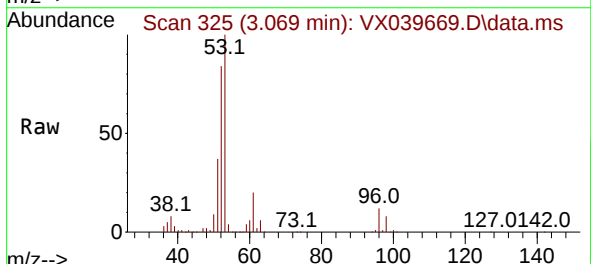
Manual Integrations
APPROVED

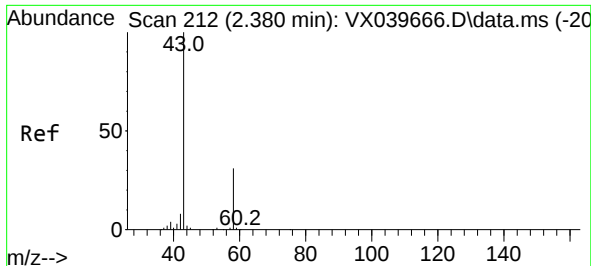
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#14
Acrylonitrile
Concen: 710.606 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

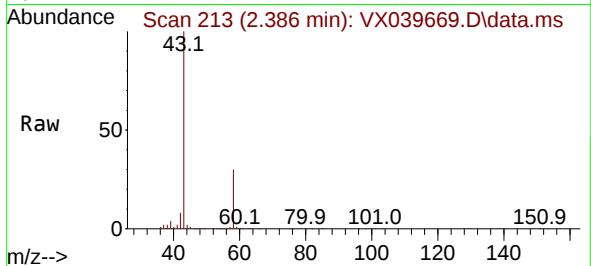
Tgt Ion: 53 Resp: 716115
Ion Ratio Lower Upper
53 100
52 83.5 41.9 125.6
51 37.2 18.3 54.9





#15
Acetone
Concen: 683.593 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

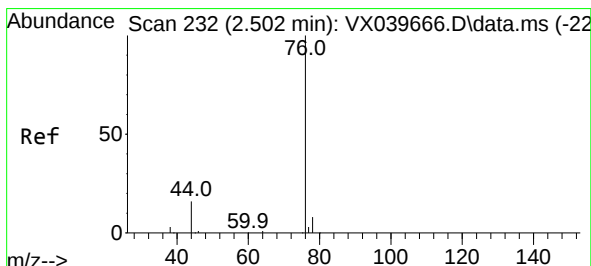
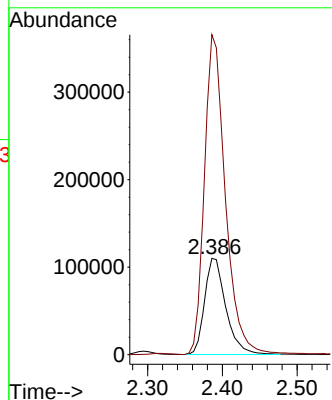
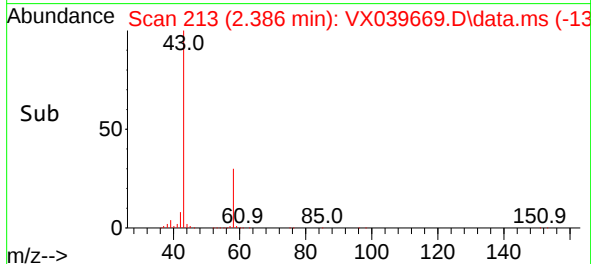
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 58 Resp: 217294
Ion Ratio Lower Upper
58 100
43 332.5 249.9 374.9

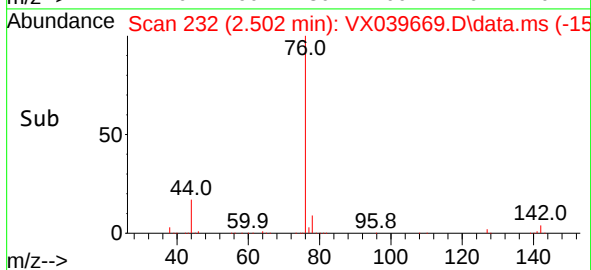
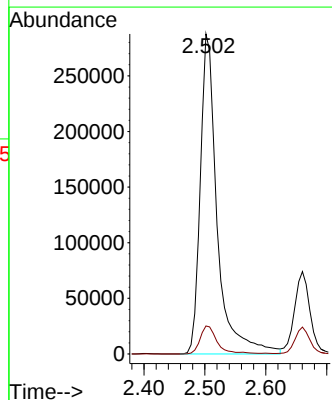
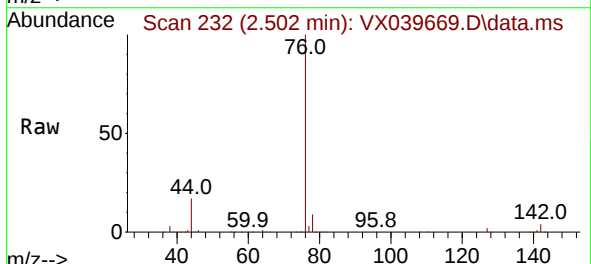
Manual Integrations
APPROVED

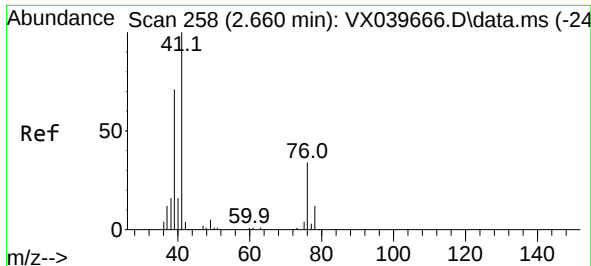
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#16
Carbon Disulfide
Concen: 151.107 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Tgt Ion: 76 Resp: 555863
Ion Ratio Lower Upper
76 100
78 8.8 8.0 12.0





#17
 Allyl chloride
 Concen: 150.565 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. 0.000 min
 Lab File: VX039669.D
 Acq: 08 Jan 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

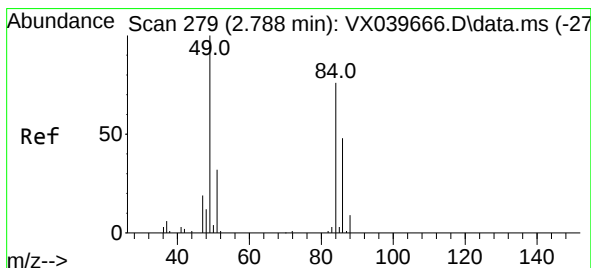
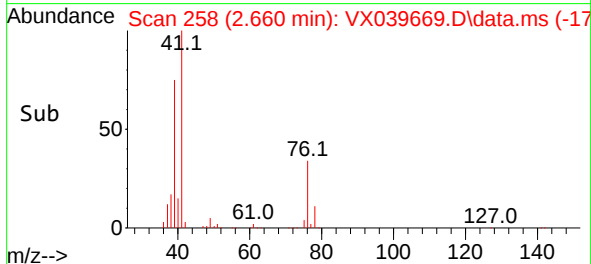
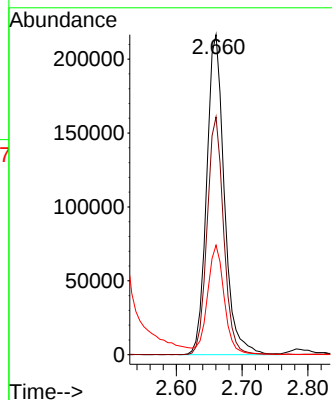
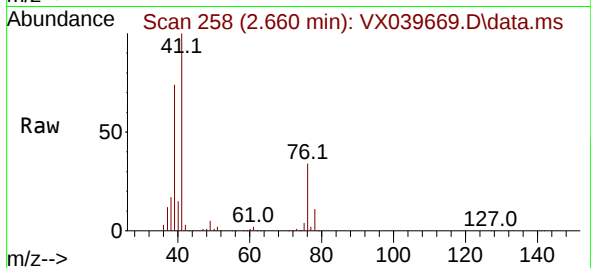
VSTDICC150

Tgt Ion: 41 Resp: 405109
 Ion Ratio Lower Upper
 41 100
 39 74.3 36.5 109.5
 76 34.1 19.7 59.0

Manual Integrations

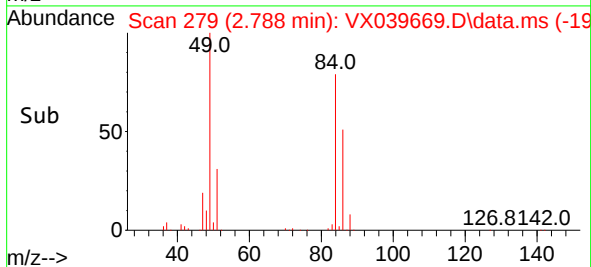
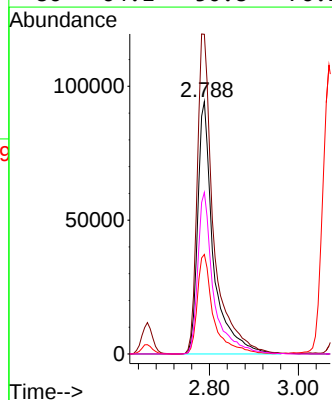
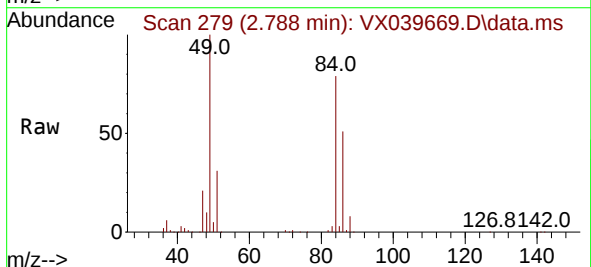
APPROVED

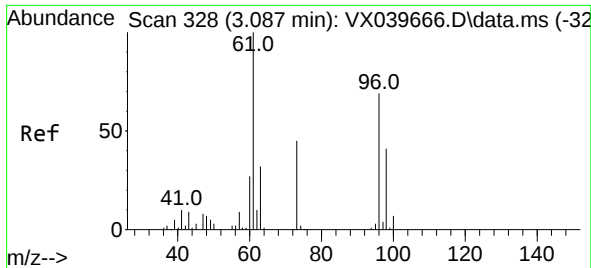
Reviewed By :John Carlone 01/09/2024
 Supervised By :Mahesh Dadoda 01/09/2024



#18
 Methylene Chloride
 Concen: 145.040 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX039669.D
 Acq: 08 Jan 2024 18:15

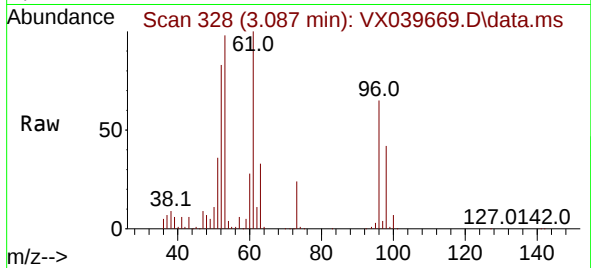
Tgt Ion: 84 Resp: 231344
 Ion Ratio Lower Upper
 84 100
 49 126.7 103.8 155.8
 51 39.4 31.8 47.6
 86 64.1 50.8 76.2





#19
trans-1,2-Dichloroethene
Concen: 142.072 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

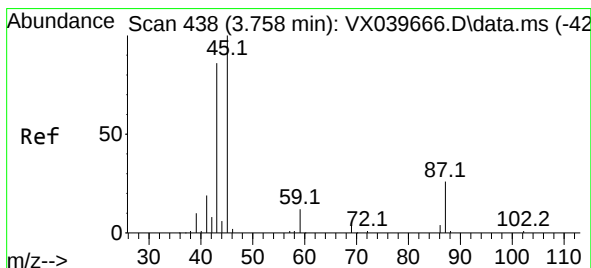
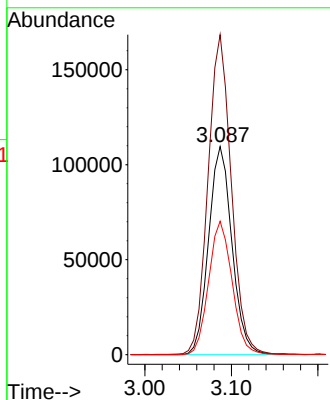
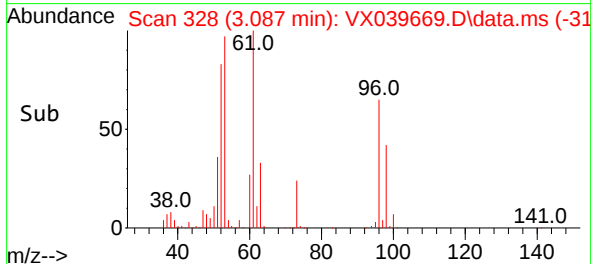
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



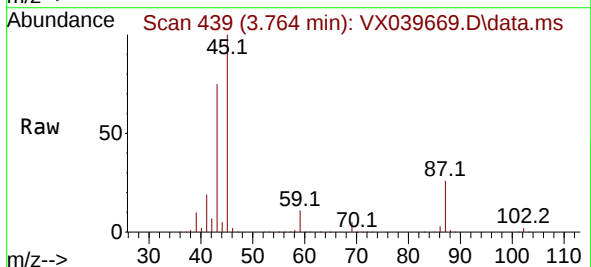
Tgt Ion: 96 Resp: 20569
Ion Ratio Lower Upper
96 100
61 153.5 117.9 176.9
98 64.1 51.0 76.6

Manual Integrations
APPROVED

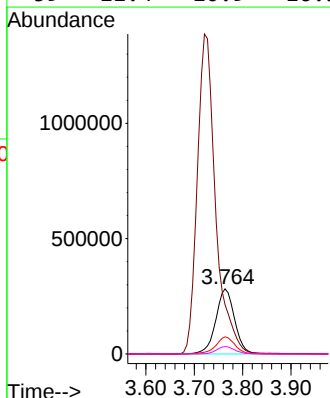
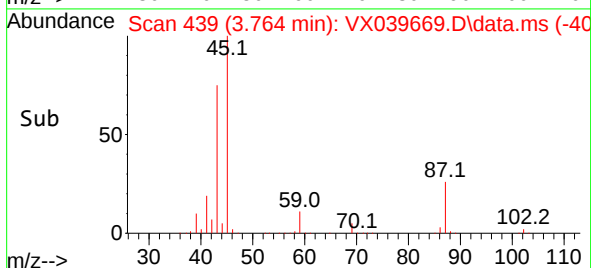
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

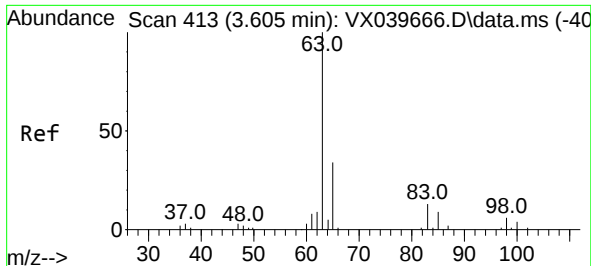


#20
Diisopropyl ether
Concen: 145.384 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15



Tgt Ion: 45 Resp: 763530
Ion Ratio Lower Upper
45 100
43 75.2 67.7 101.5
87 26.4 21.5 32.3
59 11.4 10.9 16.3





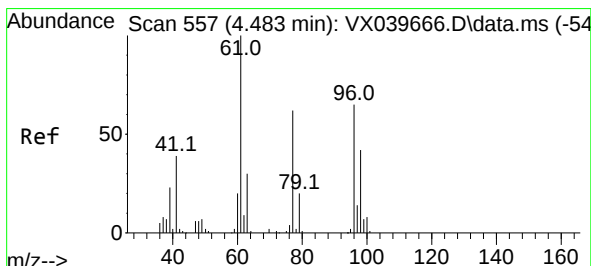
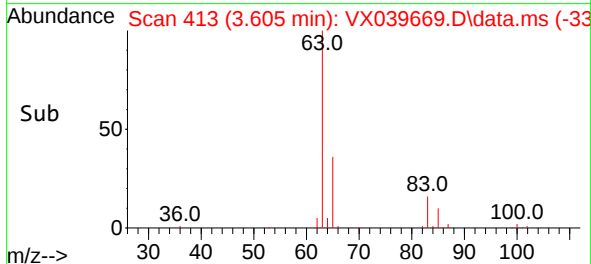
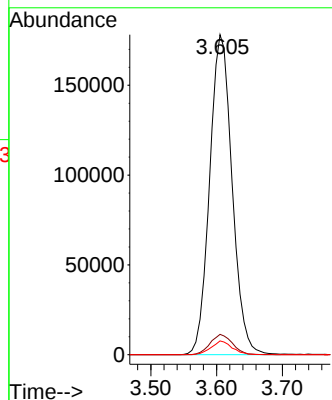
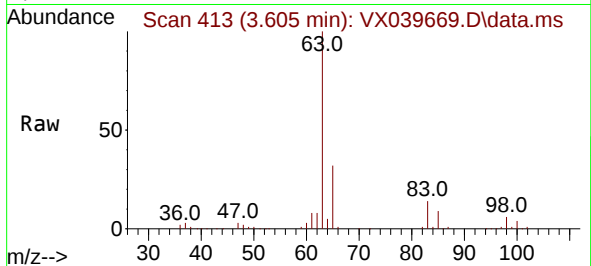
#21
1,1-Dichloroethane
Concen: 144.503 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 42373
Ion Ratio Lower Upper
63 100
98 6.4 2.9 8.8
100 4.3 2.0 5.8

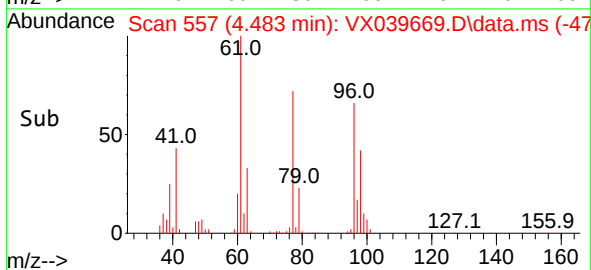
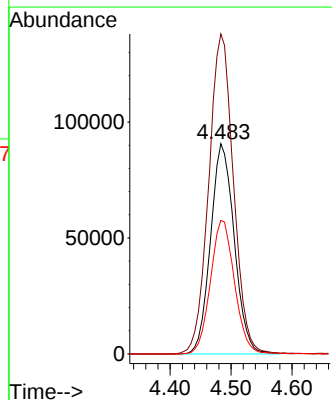
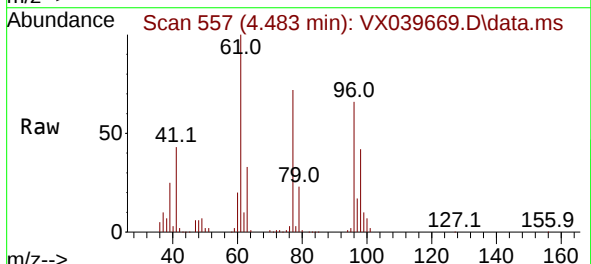
Manual Integrations
APPROVED

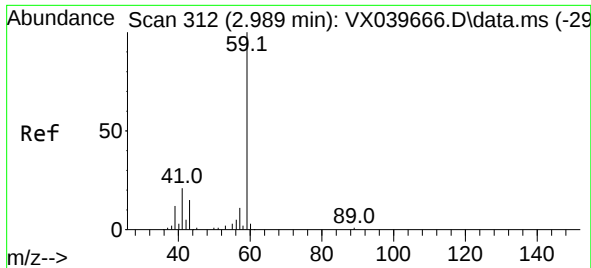
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#22
cis-1,2-Dichloroethene
Concen: 145.063 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Tgt Ion: 96 Resp: 245500
Ion Ratio Lower Upper
96 100
61 158.6 119.8 179.6
98 64.5 50.9 76.3





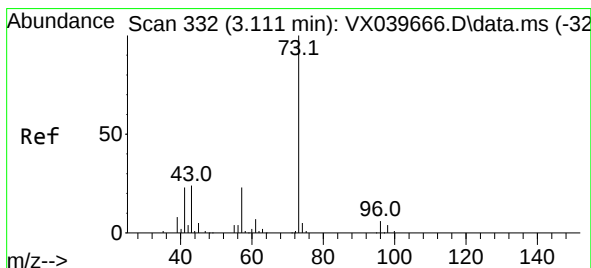
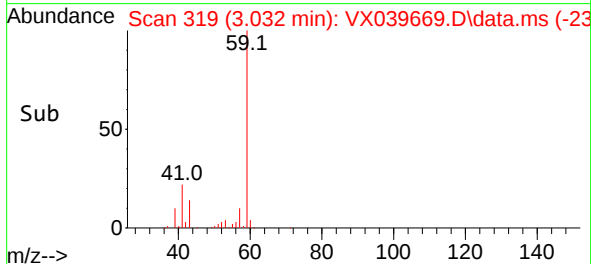
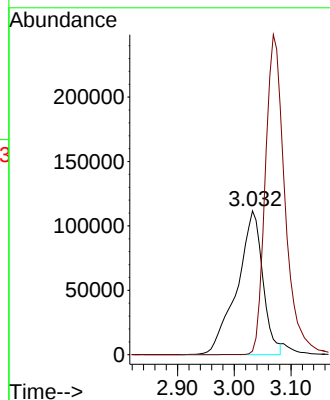
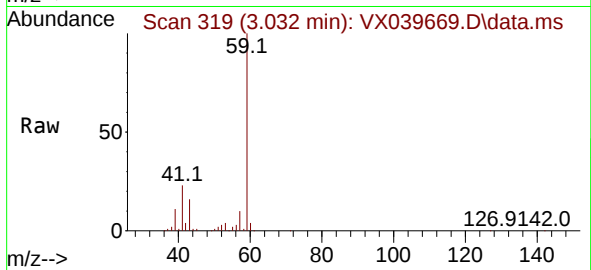
#23
tert-Butyl Alcohol
Concen: 742.880 ug/l
RT: 3.032 min Scan# 312
Delta R.T. 0.043 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 352590
Ion Ratio Lower Upper
59 100
52 169.5 0.0 0.0

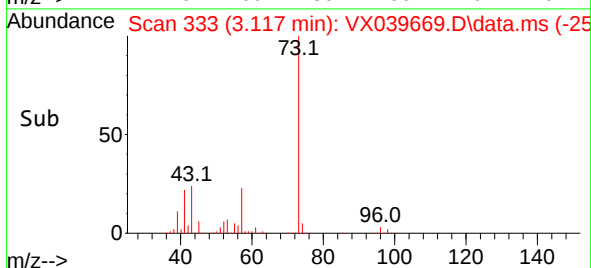
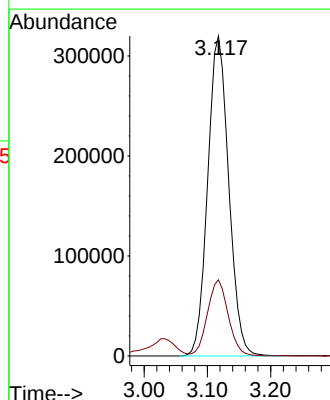
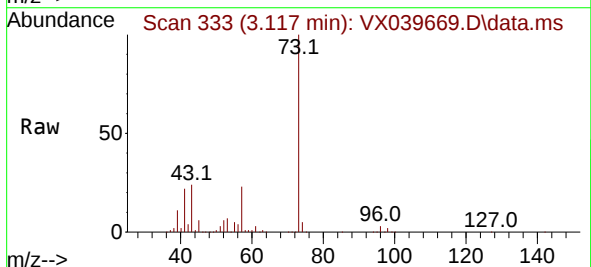
Manual Integrations
APPROVED

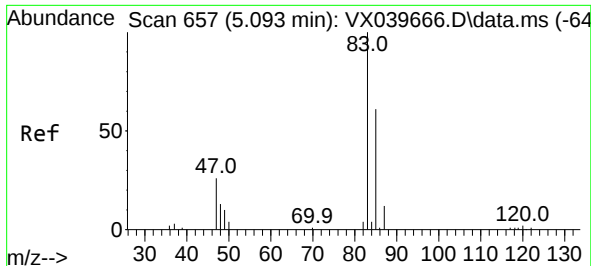
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#24
Methyl tert-Butyl Ether
Concen: 147.948 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Tgt Ion: 73 Resp: 739902
Ion Ratio Lower Upper
73 100
43 23.5 17.0 25.6





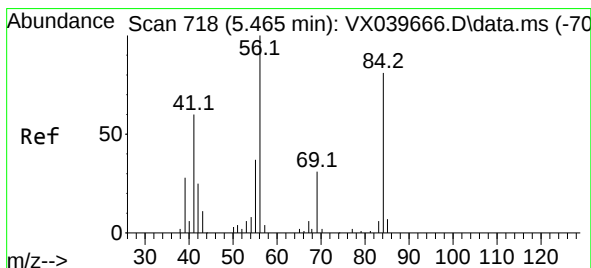
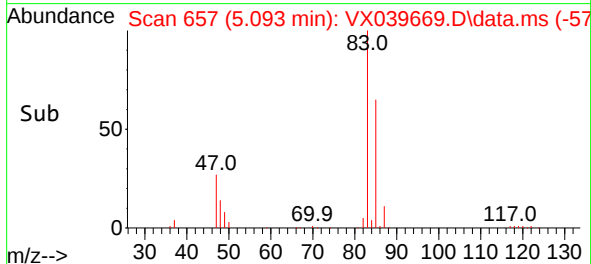
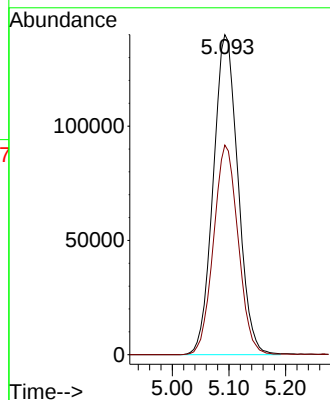
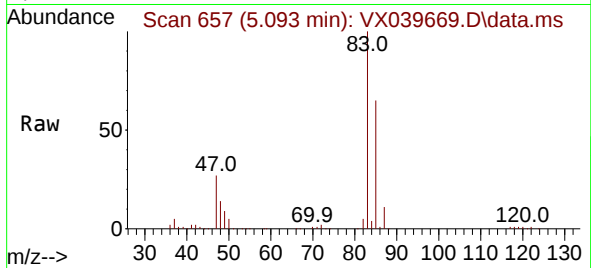
#25
Chloroform
Concen: 147.602 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 424777
Ion Ratio Lower Upper
83 100
85 65.5 54.6 81.8

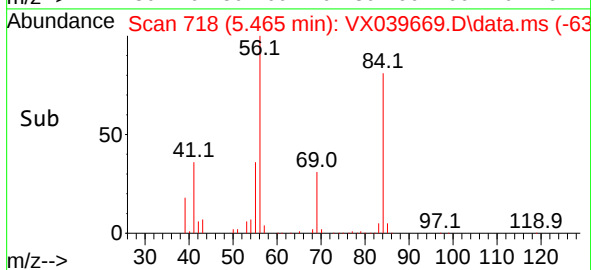
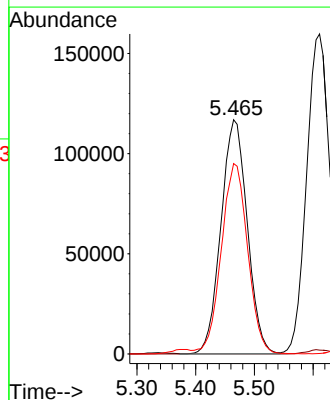
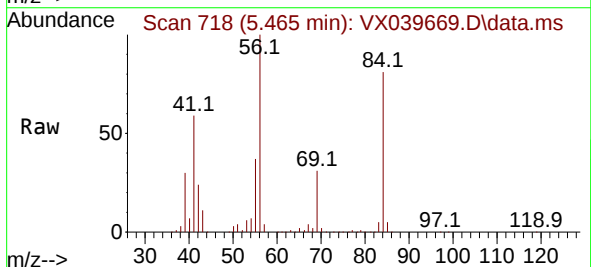
Manual Integrations
APPROVED

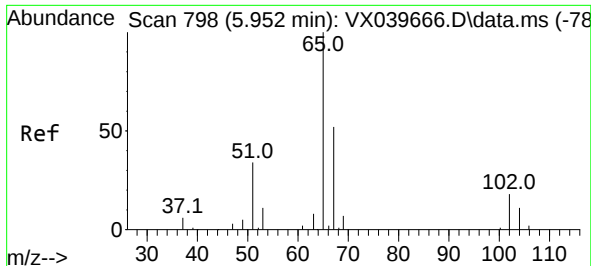
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#26
Cyclohexane
Concen: 142.972 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Tgt Ion: 56 Resp: 363699
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 81.7 67.2 100.8





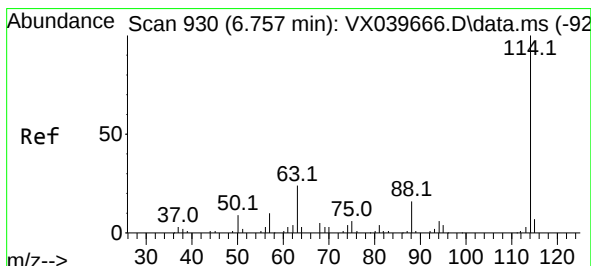
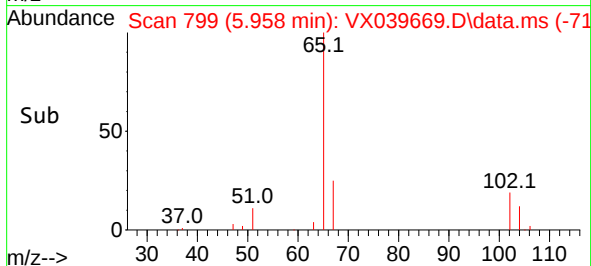
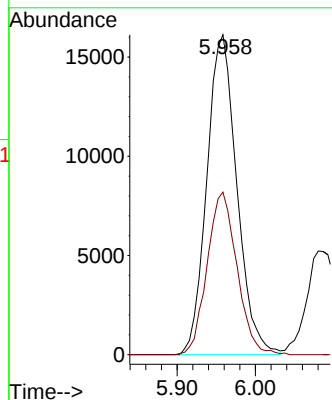
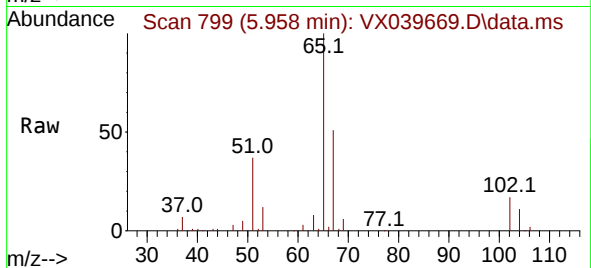
#27
1,2-Dichloroethane-d4
Concen: 30.492 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Instrument :
MSVOA_X
Client Sample Id :
VSTDIC150

Tgt Ion: 65 Resp: 4296
Ion Ratio Lower Upper
65 100
67 50.5 42.5 63.7

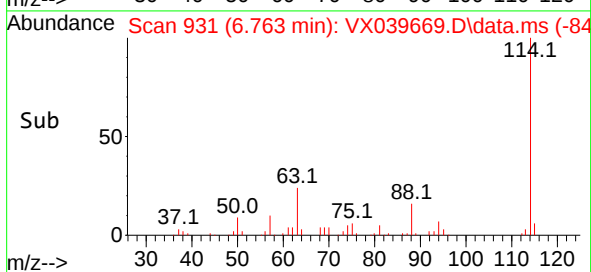
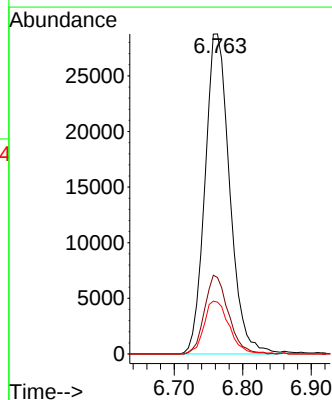
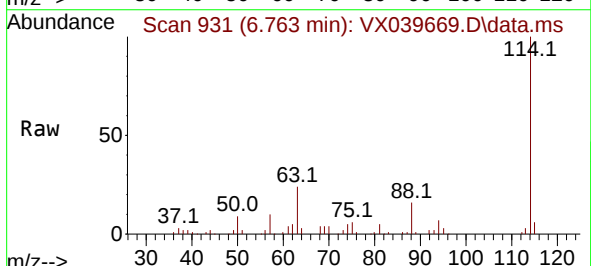
Manual Integrations
APPROVED

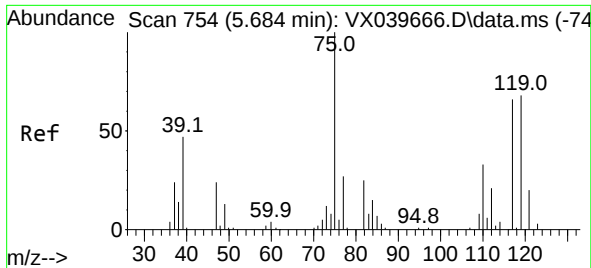
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Tgt Ion:114 Resp: 72123
Ion Ratio Lower Upper
114 100
63 23.6 17.0 25.4
88 16.7 12.7 19.1





#29
1,1-Dichloropropene
Concen: 147.685 ug/l
RT: 5.690 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

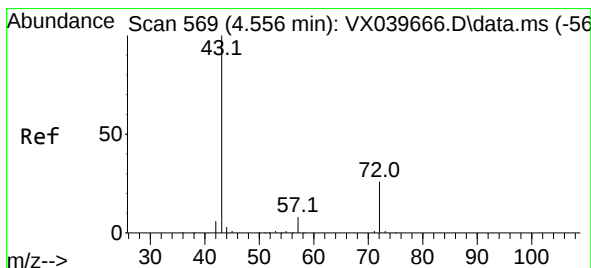
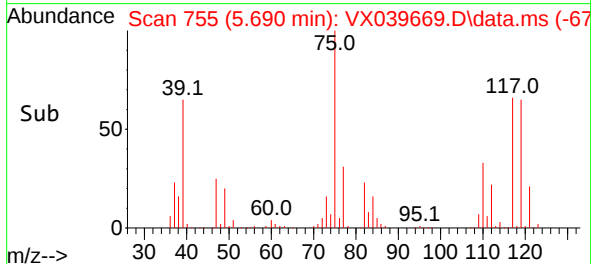
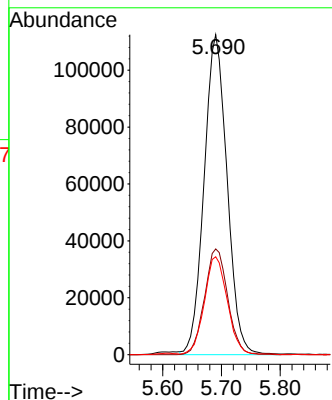
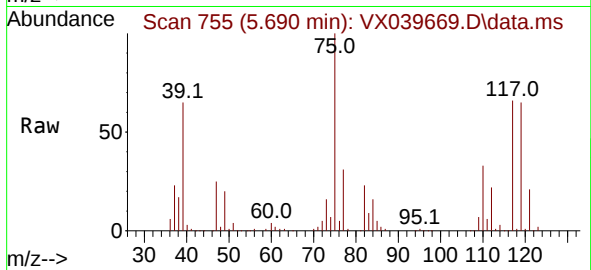
VSTDIC150

Tgt Ion: 75 Resp: 30566
Ion Ratio Lower Upper
75 100
110 33.2 0.0 71.2
77 30.6 0.0 62.6

Manual Integrations

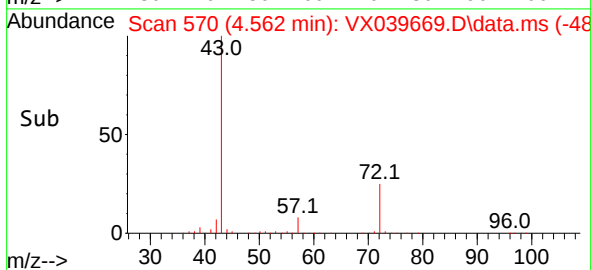
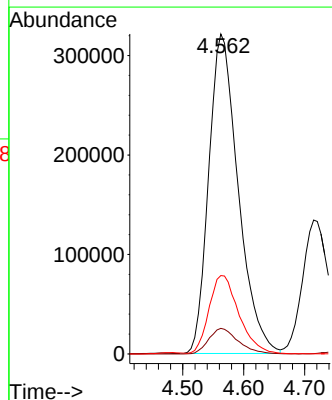
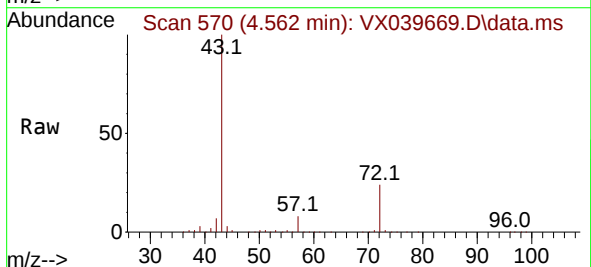
APPROVED

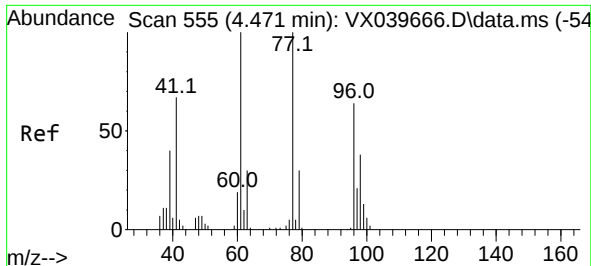
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#30
2-Butanone
Concen: 726.659 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Tgt Ion: 43 Resp: 1078689
Ion Ratio Lower Upper
43 100
57 8.0 6.6 10.0
72 25.0 20.6 31.0





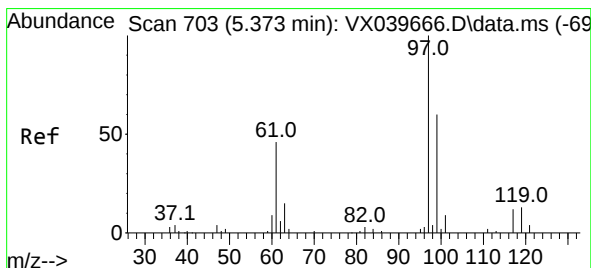
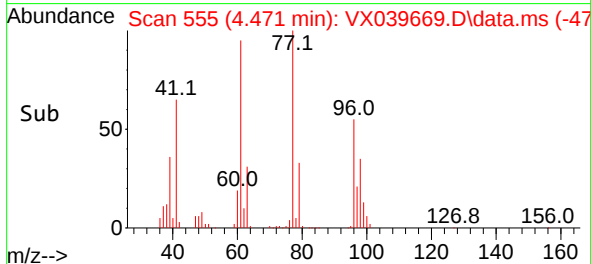
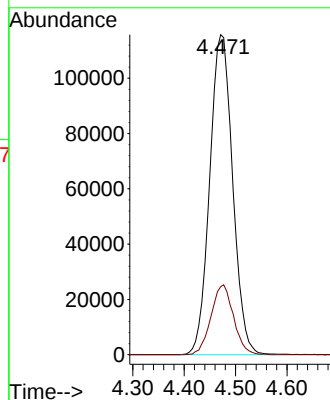
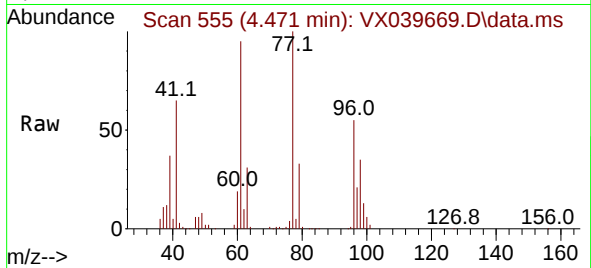
#31
2,2-Dichloropropane
Concen: 155.952 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 77 Resp: 35886
Ion Ratio Lower Upper
77 100
97 21.4 18.2 27.4

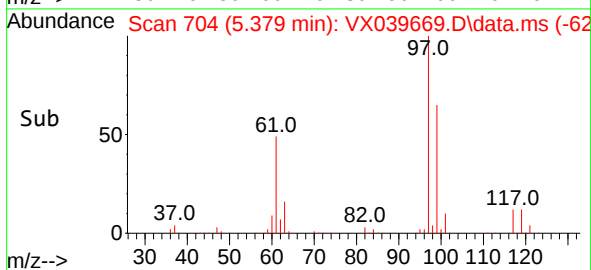
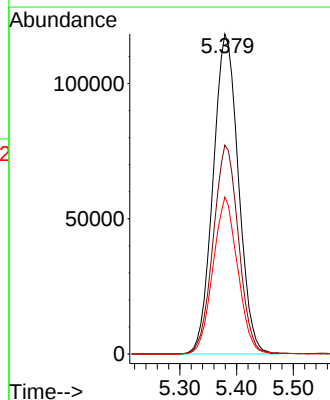
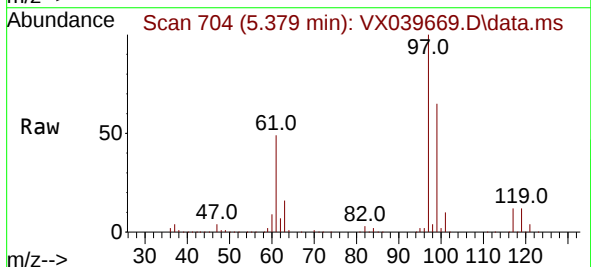
Manual Integrations
APPROVED

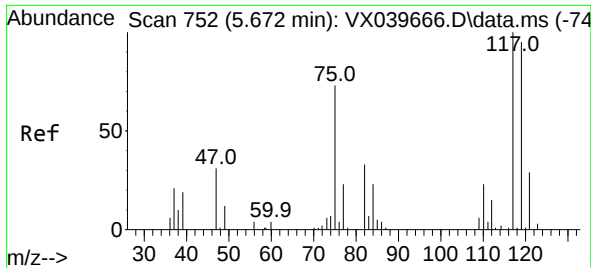
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#32
1,1,1-Trichloroethane
Concen: 153.394 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

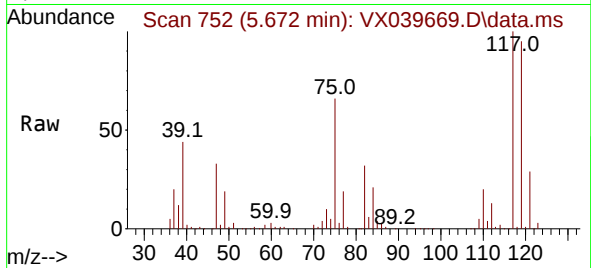
Tgt Ion: 97 Resp: 366935
Ion Ratio Lower Upper
97 100
99 65.0 52.6 79.0
61 47.9 36.9 55.3





#33
Carbon Tetrachloride
Concen: 160.817 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

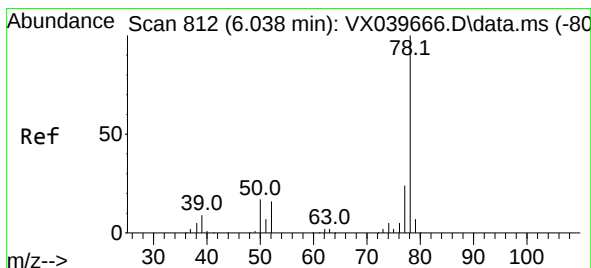
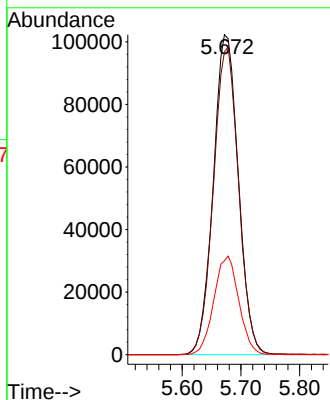
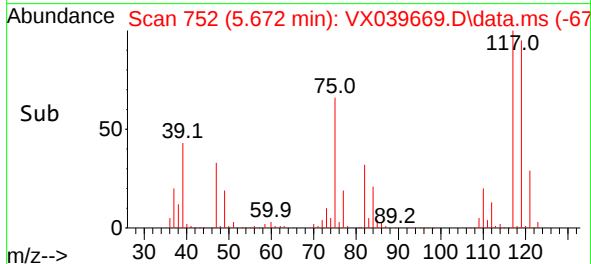
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 303260
Ion Ratio Lower Upper
117 100
119 94.6 78.2 117.4
121 29.3 24.7 37.1

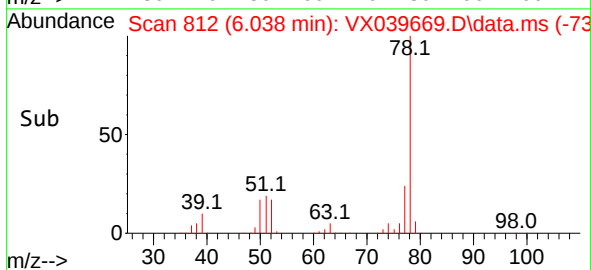
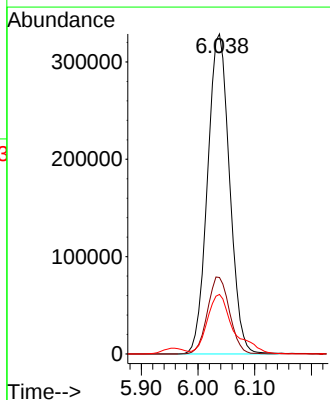
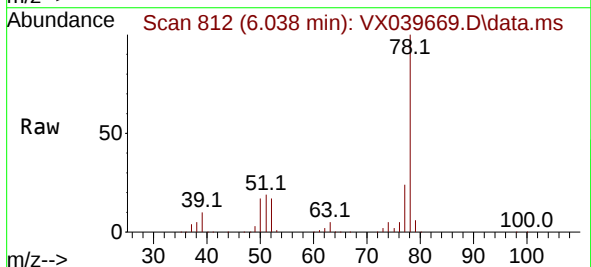
Manual Integrations
APPROVED

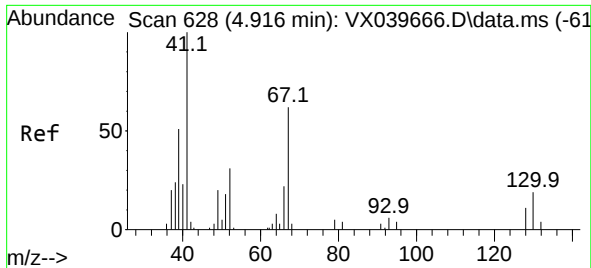
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#34
Benzene
Concen: 144.483 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

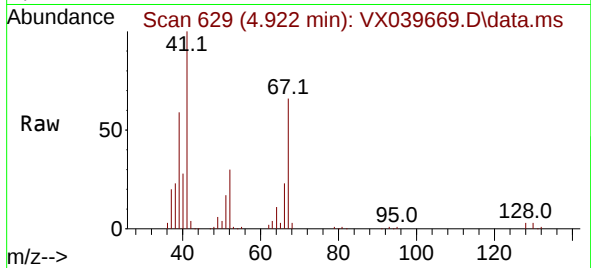
Tgt Ion: 78 Resp: 887104
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9
51 18.5 14.4 21.6





#35
Methacrylonitrile
Concen: 153.213 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

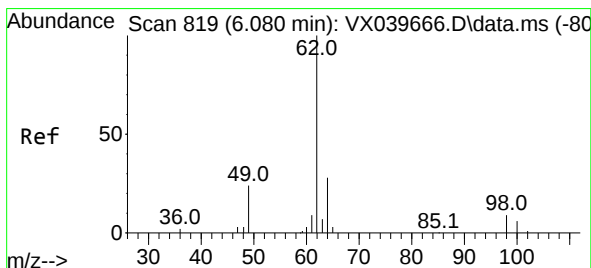
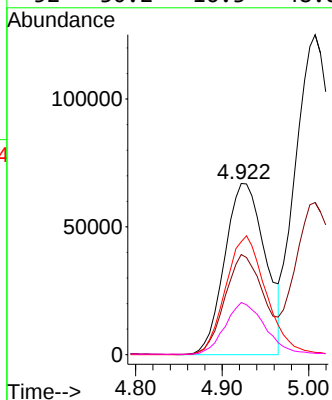
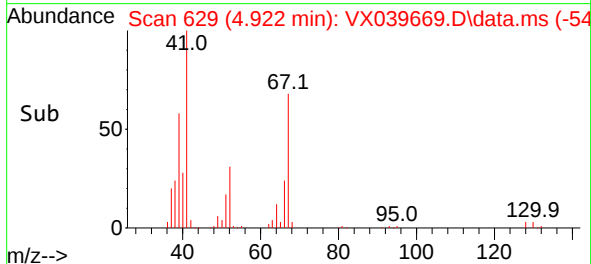
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 218838
Ion Ratio Lower Upper
41 100
39 58.3 28.2 84.7
67 66.0 34.5 103.5
52 30.2 16.3 48.8

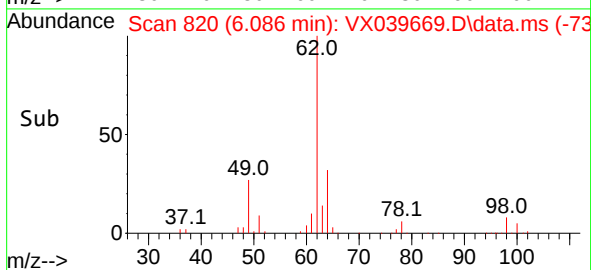
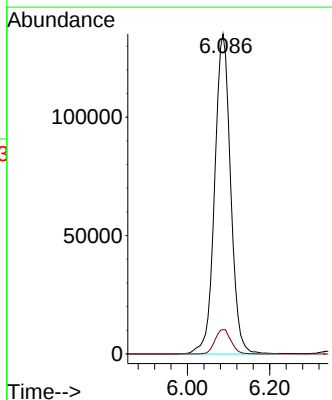
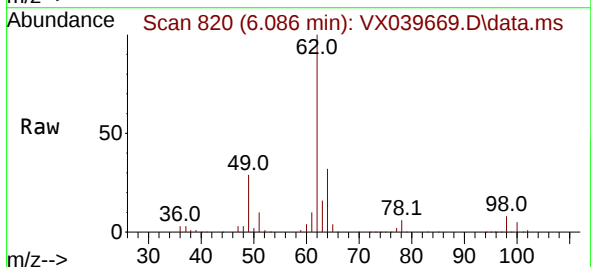
Manual Integrations
APPROVED

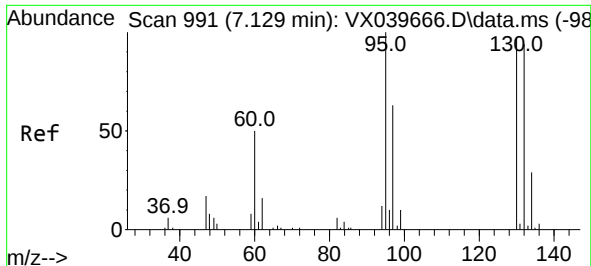
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#36
1,2-Dichloroethane
Concen: 151.354 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

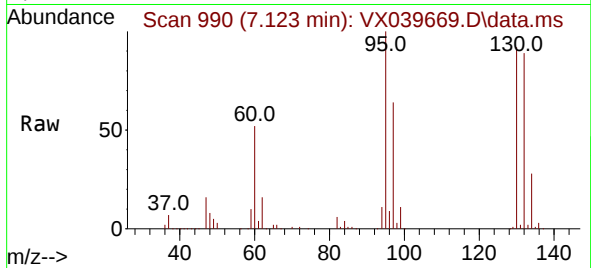
Tgt Ion: 62 Resp: 364406
Ion Ratio Lower Upper
62 100
98 7.6 7.0 10.4





#37
Trichloroethene
Concen: 146.340 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

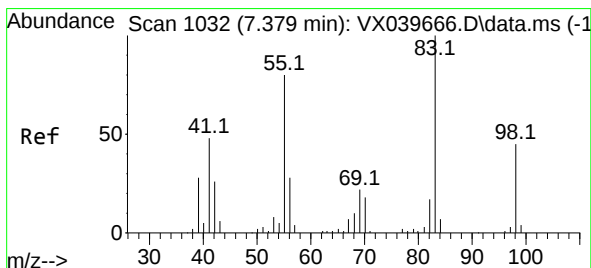
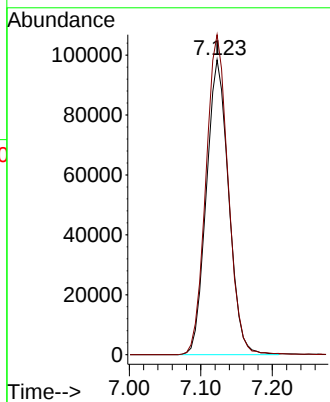
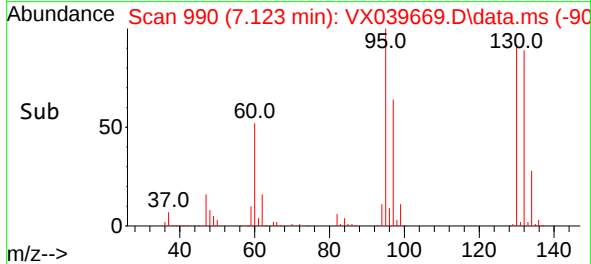
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:130 Resp: 213474
Ion Ratio Lower Upper
130 100
95 108.5 85.8 128.8

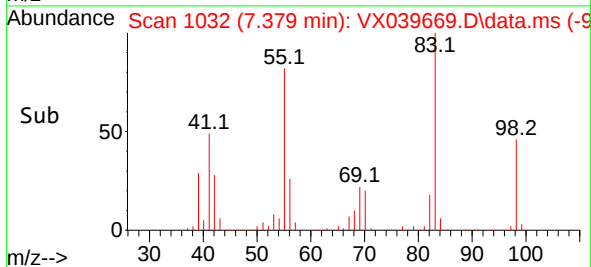
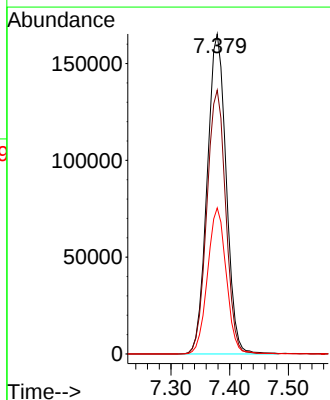
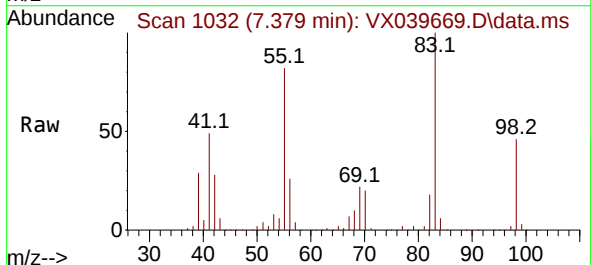
Manual Integrations
APPROVED

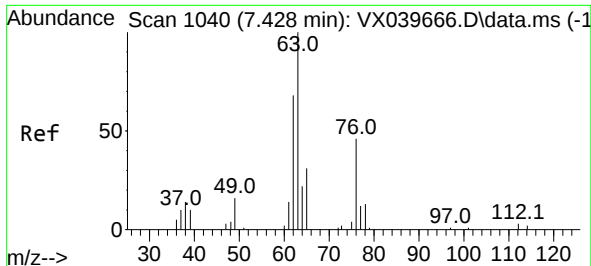
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#38
Methylcyclohexane
Concen: 146.506 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Tgt Ion: 83 Resp: 370991
Ion Ratio Lower Upper
83 100
55 82.0 38.6 116.0
98 45.1 22.3 66.8





#39

1,2-Dichloropropane

Concen: 145.153 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX039669.D

Acq: 08 Jan 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 24013

Ion Ratio Lower Upper

63 100

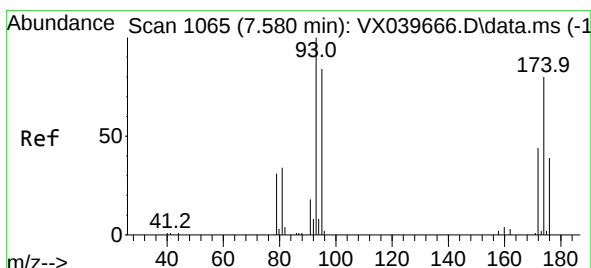
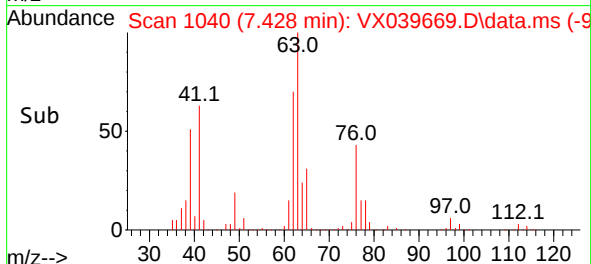
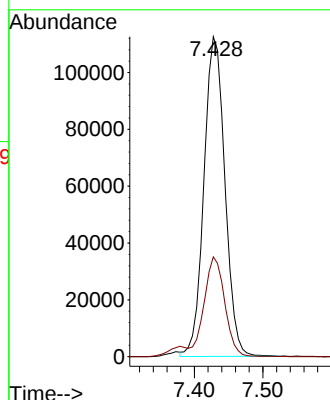
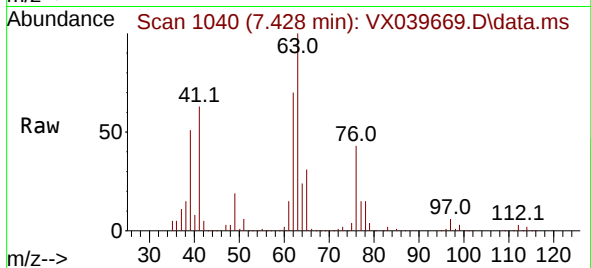
65 31.2 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#40

Dibromomethane

Concen: 152.525 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039669.D

Acq: 08 Jan 2024 18:15

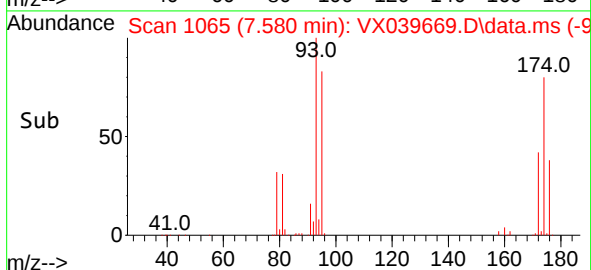
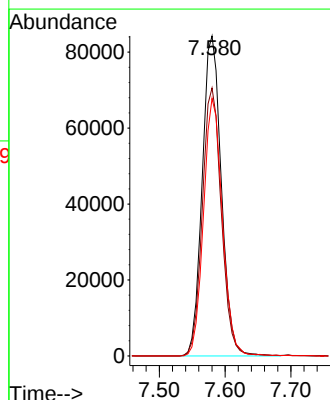
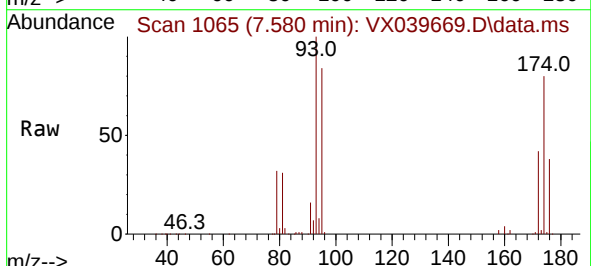
Tgt Ion: 93 Resp: 170440

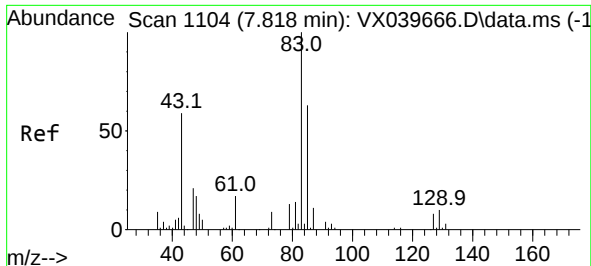
Ion Ratio Lower Upper

93 100

95 82.9 0.0 163.4

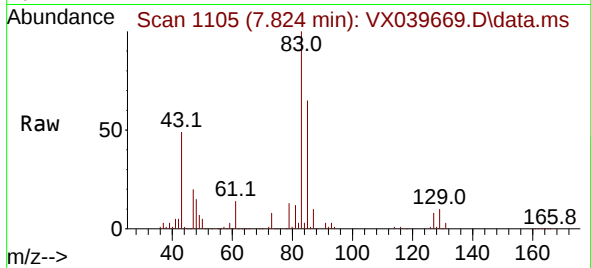
174 79.4 0.0 166.4





#41
Bromodichloromethane
Concen: 158.771 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

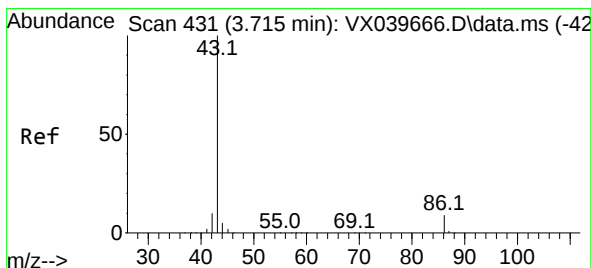
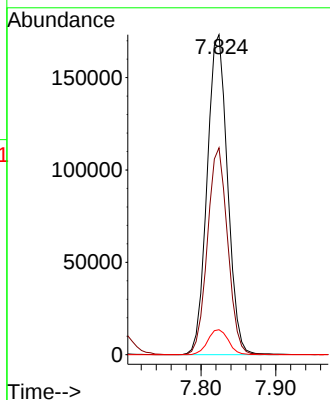
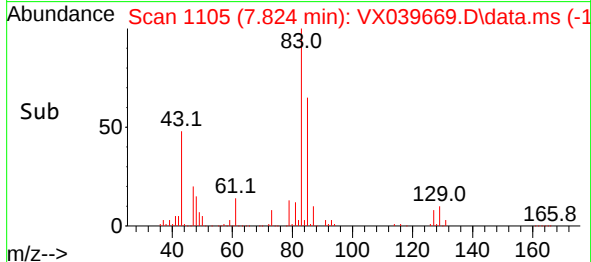
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 32877
Ion Ratio Lower Upper
83 100
85 64.6 50.8 76.2
127 7.8 5.9 8.9

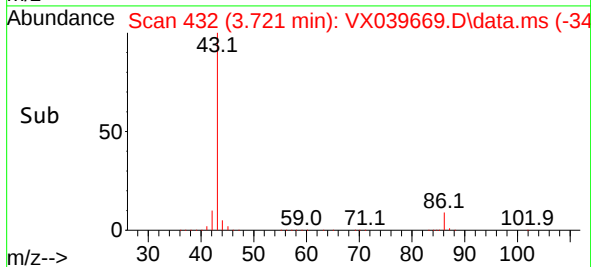
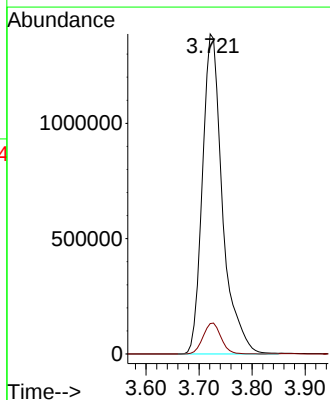
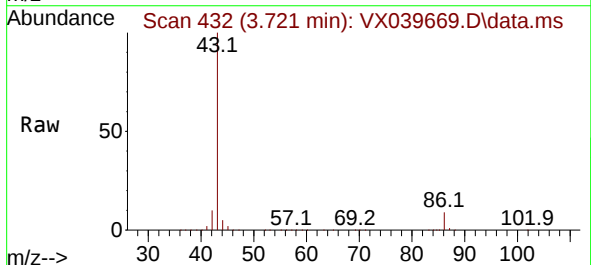
Manual Integrations
APPROVED

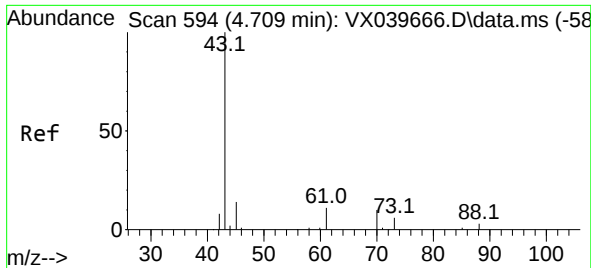
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#42
Vinyl Acetate
Concen: 743.247 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Tgt Ion: 43 Resp: 3647973
Ion Ratio Lower Upper
43 100
86 8.6 6.7 10.1





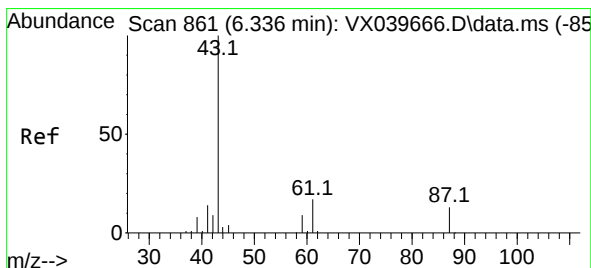
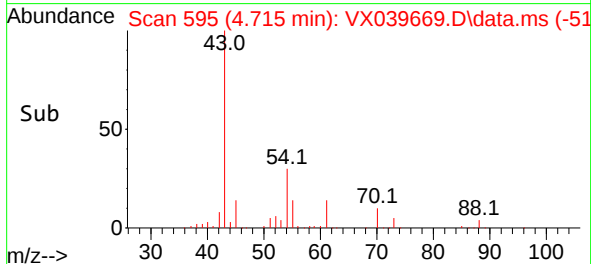
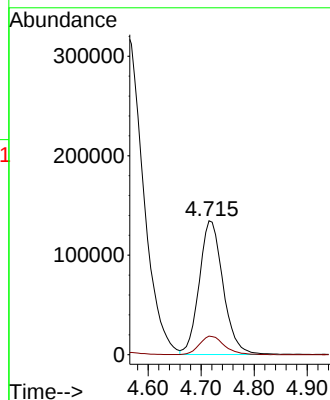
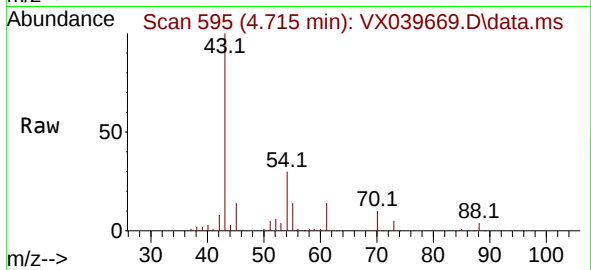
#43
Ethyl Acetate
Concen: 150.783 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 419538
Ion Ratio Lower Upper
43 100
45 14.5 11.8 17.8

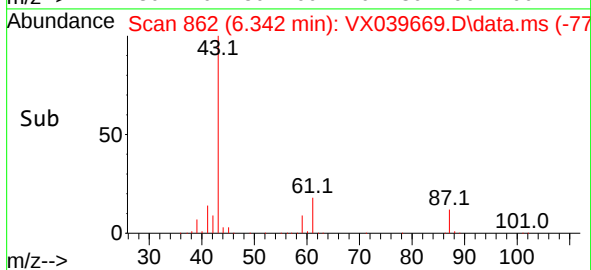
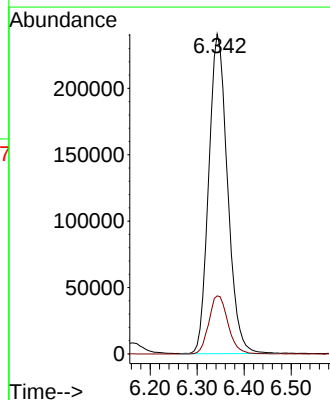
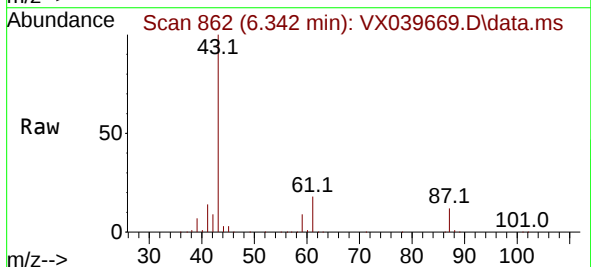
Manual Integrations
APPROVED

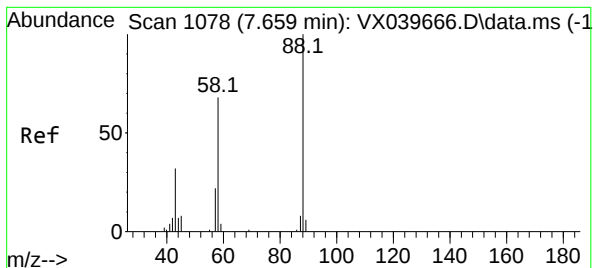
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#44
Isopropyl Acetate
Concen: 155.318 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Tgt Ion: 43 Resp: 668071
Ion Ratio Lower Upper
43 100
61 18.5 15.6 23.4





#45

1,4-Dioxane

Concen: 2914.584 ug/l

RT: 7.672 min Scan# 1080

Delta R.T. 0.013 min

Lab File: VX039669.D

Acq: 08 Jan 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 88 Resp: 12086

Ion Ratio Lower Upper

88 100

43 36.3 28.1 42.1

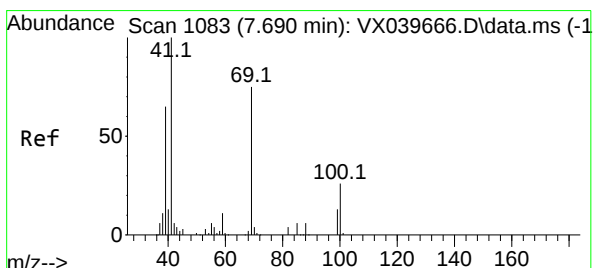
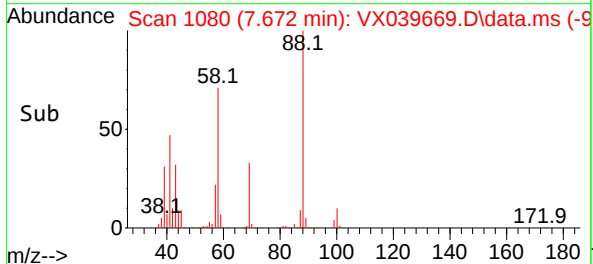
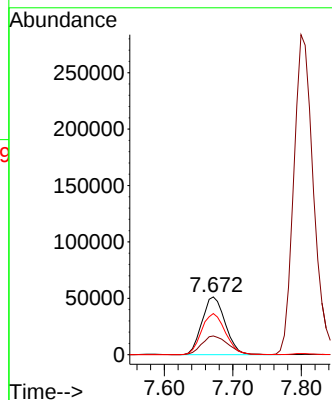
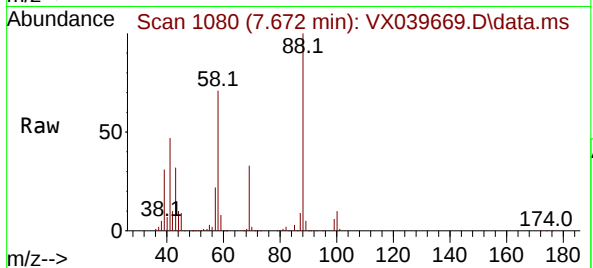
58 73.4 57.7 86.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#46

Methyl methacrylate

Concen: 154.494 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VX039669.D

Acq: 08 Jan 2024 18:15

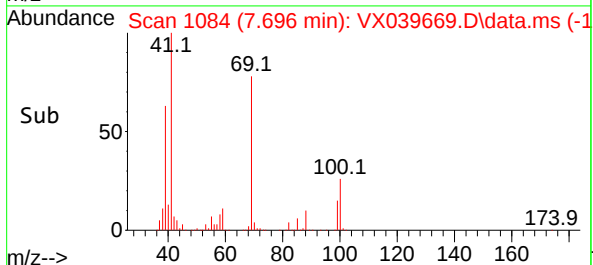
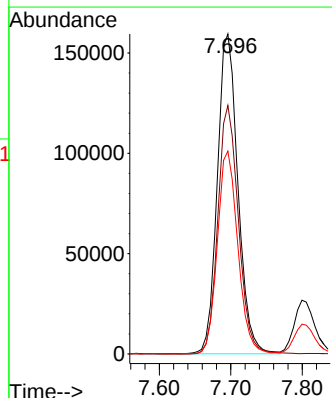
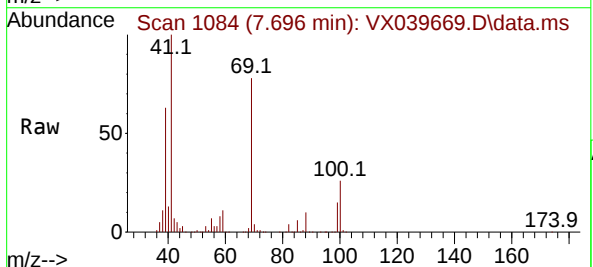
Tgt Ion: 41 Resp: 319153

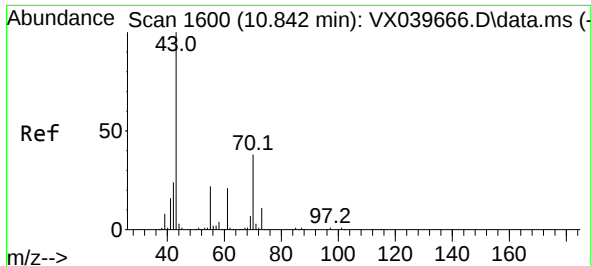
Ion Ratio Lower Upper

41 100

69 77.7 39.6 118.8

39 63.4 30.1 90.3





#47

n-amy1 Acetate

Concen: 160.669 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX039669.D

Acq: 08 Jan 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 603549

Ion Ratio Lower Upper

43 100

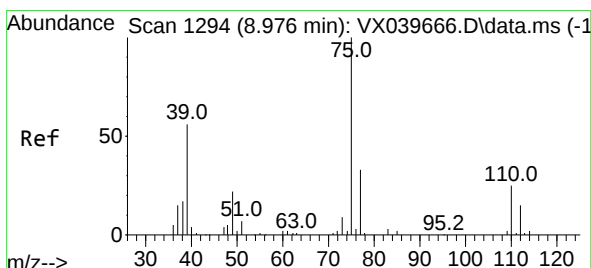
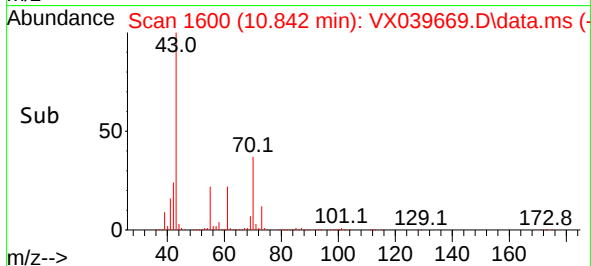
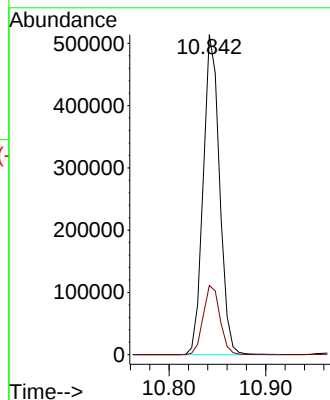
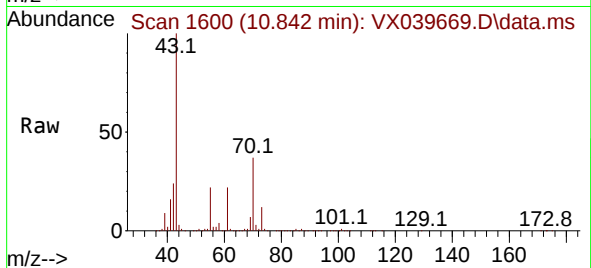
55 22.3 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#48

t-1,3-Dichloropropene

Concen: 168.280 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX039669.D

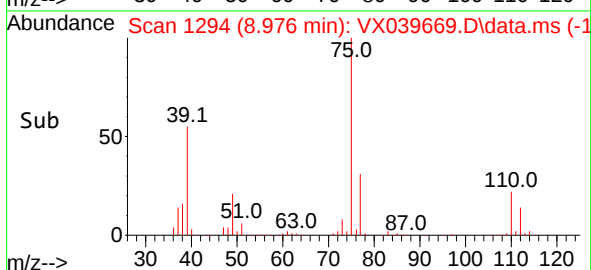
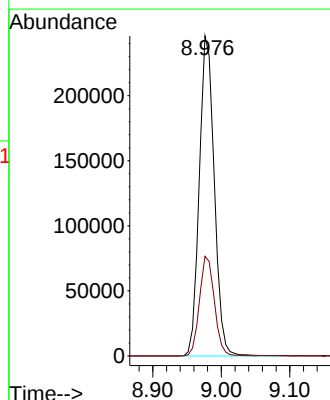
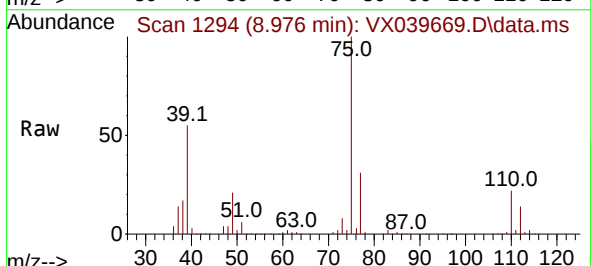
Acq: 08 Jan 2024 18:15

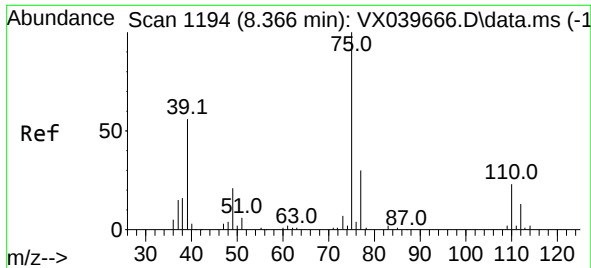
Tgt Ion: 75 Resp: 375040

Ion Ratio Lower Upper

75 100

77 31.1 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 159.190 ug/l

RT: 8.367 min Scan# 1194

Delta R.T. 0.001 min

Lab File: VX039669.D

Acq: 08 Jan 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 75 Resp: 38854

Ion Ratio Lower Upper

75 100

77 31.0 24.4 36.6

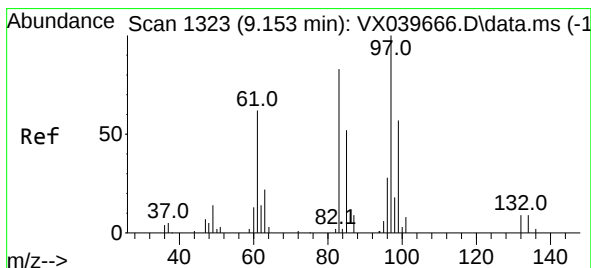
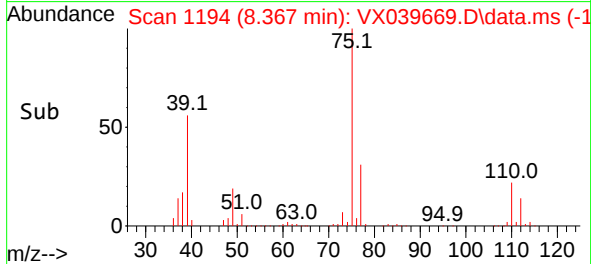
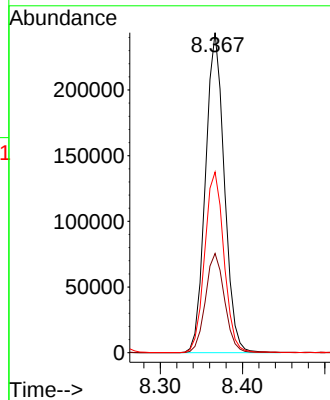
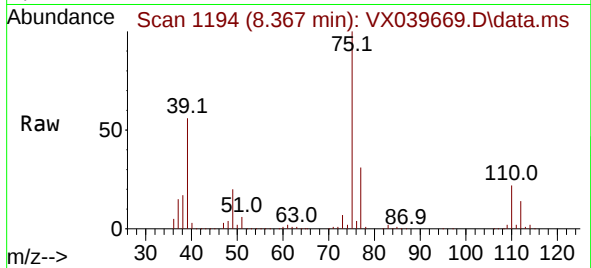
39 56.4 40.6 60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#50

1,1,2-Trichloroethane

Concen: 147.483 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX039669.D

Acq: 08 Jan 2024 18:15

Tgt Ion: 97 Resp: 225914

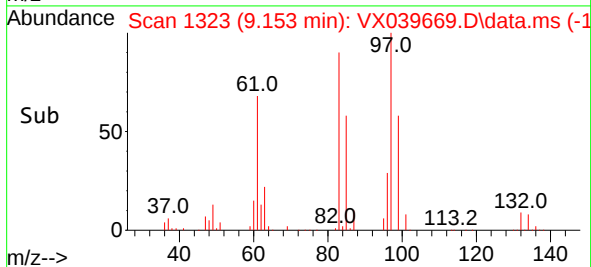
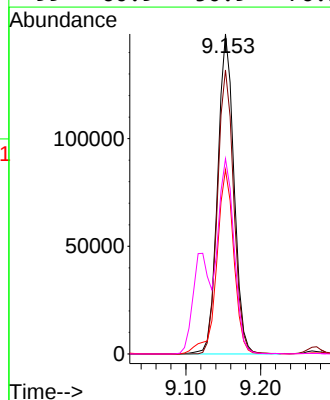
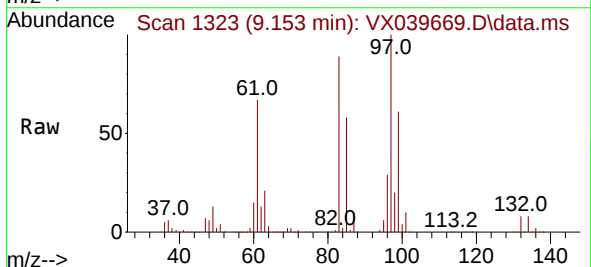
Ion Ratio Lower Upper

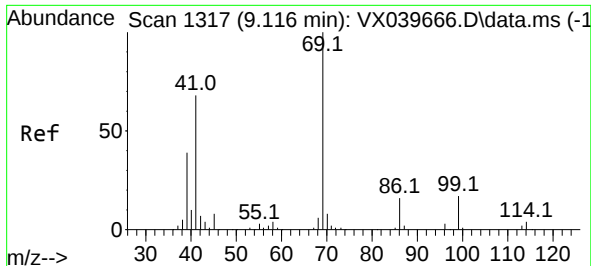
97 100

83 88.8 69.0 103.6

85 57.5 46.3 69.5

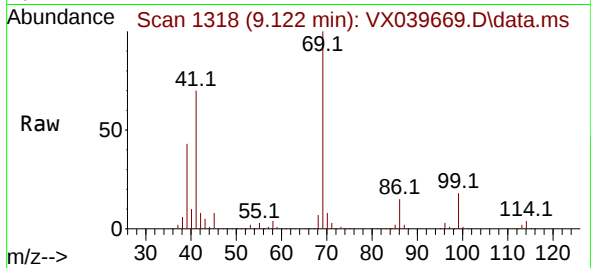
99 60.9 50.9 76.3





#51
Ethyl methacrylate
Concen: 155.416 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

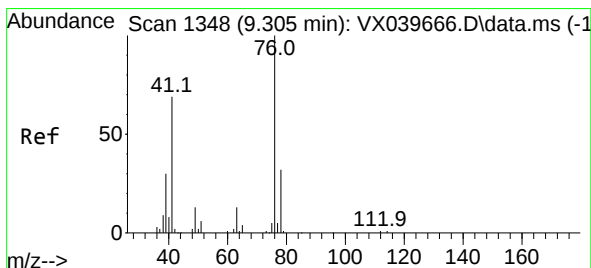
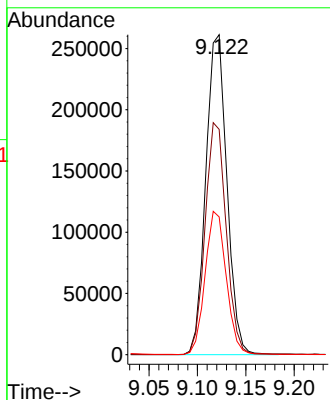
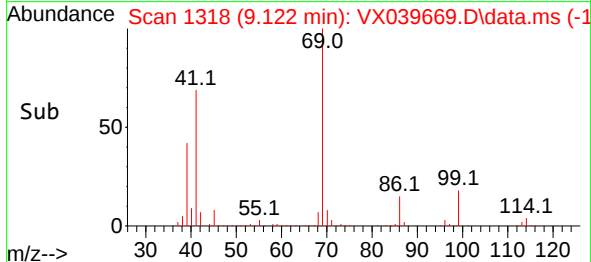
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 69 Resp: 397680
Ion Ratio Lower Upper
69 100
41 70.3 36.2 108.6
39 43.0 21.1 63.4

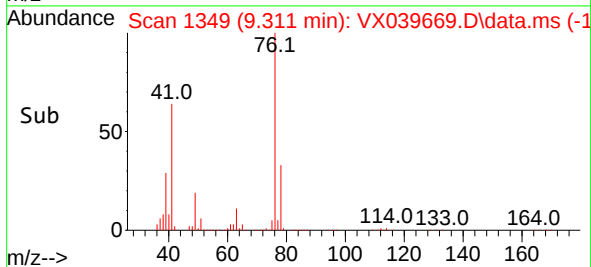
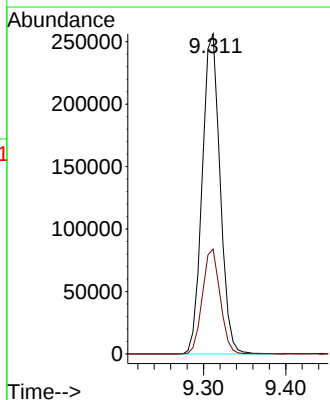
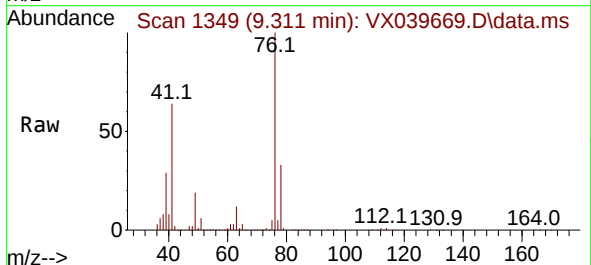
Manual Integrations
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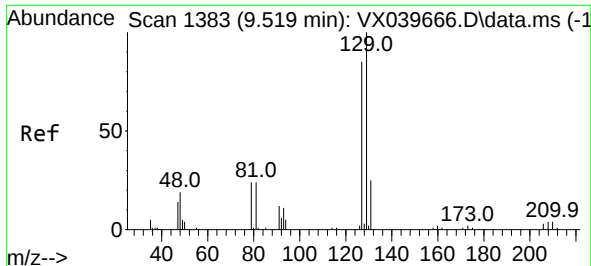
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#52
1,3-Dichloropropane
Concen: 146.378 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

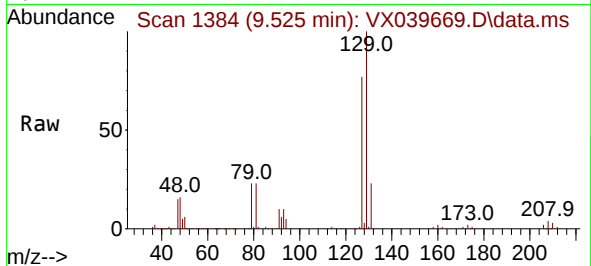
Tgt Ion: 76 Resp: 386925
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.0





#53
Dibromochloromethane
Concen: 164.039 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

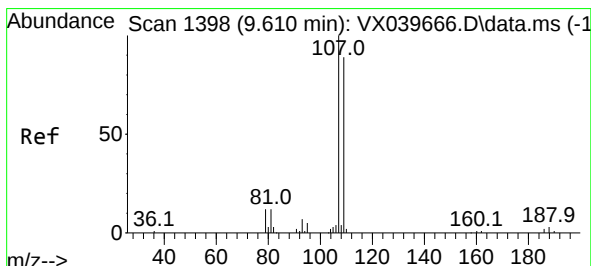
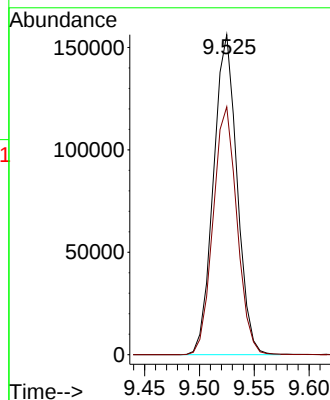
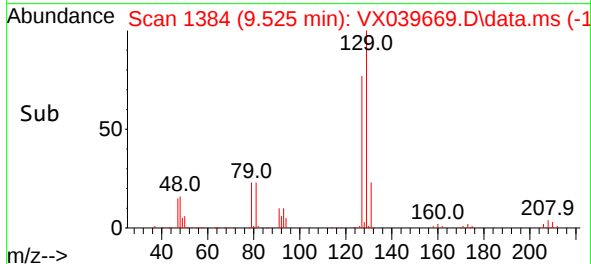
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



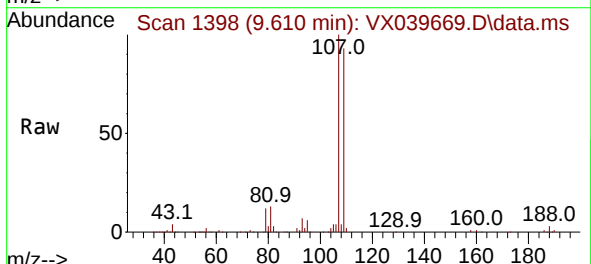
Tgt Ion:129 Resp: 23384
Ion Ratio Lower Upper
129 100
127 78.3 38.3 114.9

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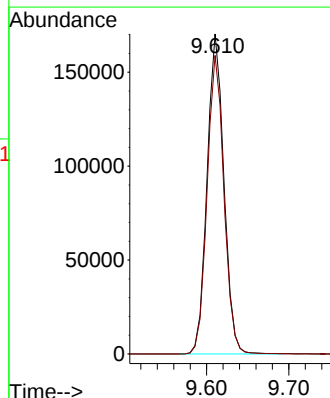
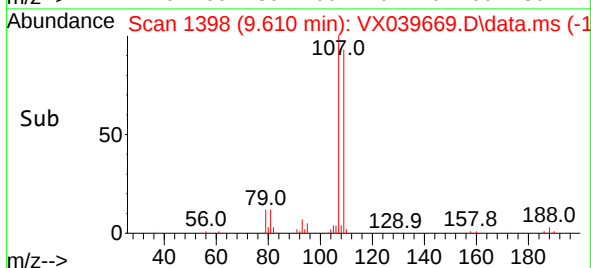
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

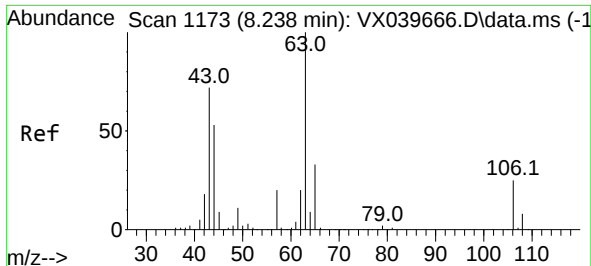


#54
1,2-Dibromoethane
Concen: 151.007 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15



Tgt Ion:107 Resp: 242420
Ion Ratio Lower Upper
107 100
109 93.2 75.1 112.7





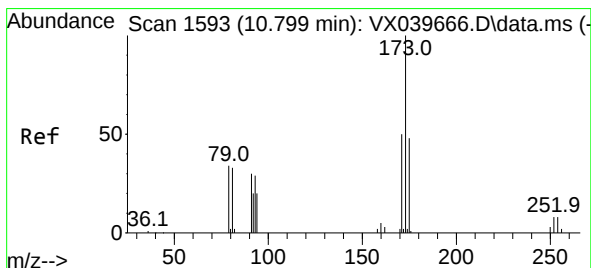
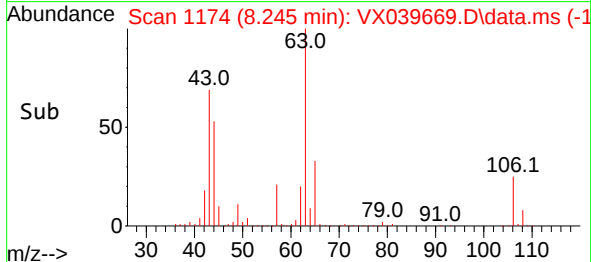
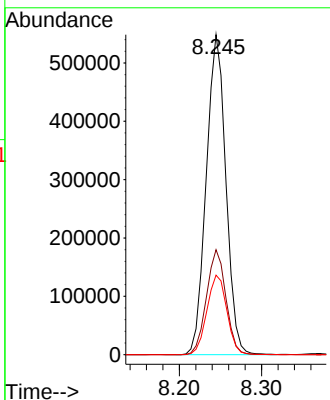
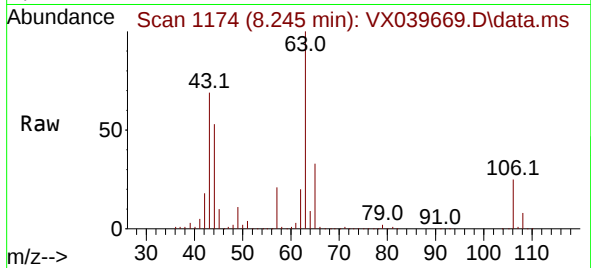
#55
2-Chloroethyl vinyl ether
Concen: 730.345 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.007 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 90935
Ion Ratio Lower Upper
63 100
65 32.4 25.8 38.6
106 25.3 20.6 31.0

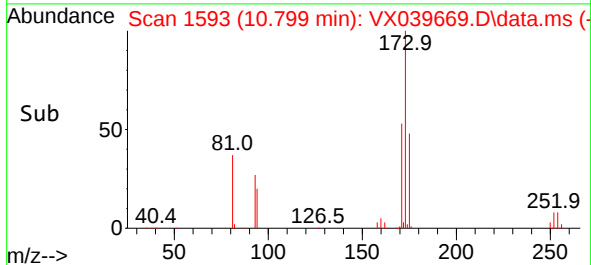
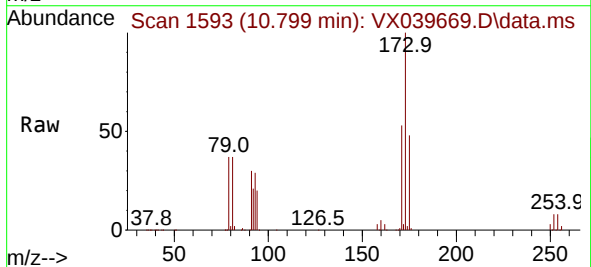
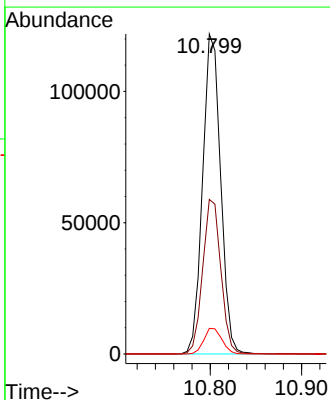
Manual Integrations
APPROVED

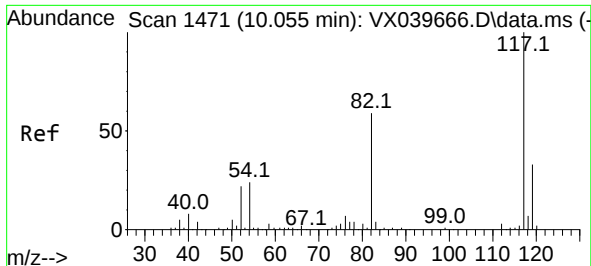
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#56
Bromoform
Concen: 173.447 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Tgt Ion:173 Resp: 166539
Ion Ratio Lower Upper
173 100
175 48.7 37.6 56.4
254 8.0 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: VX039669.D

Acq: 08 Jan 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 117 Resp: 8489

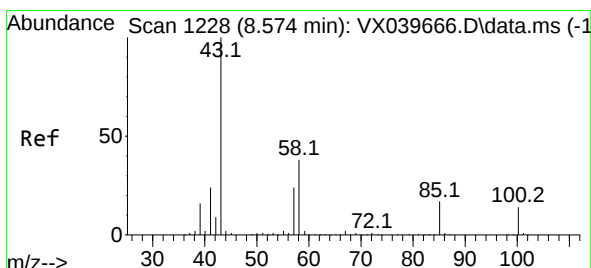
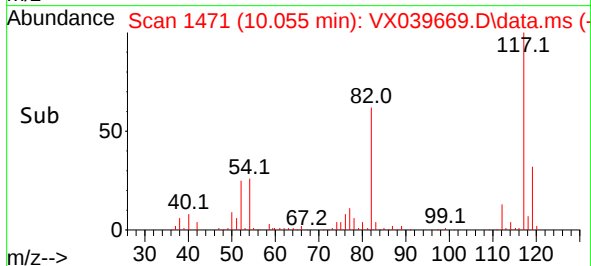
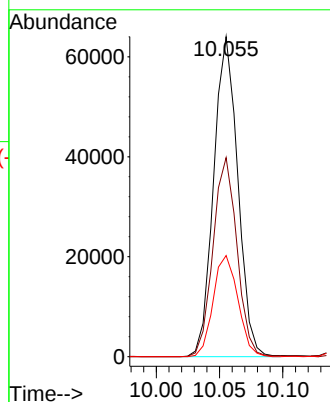
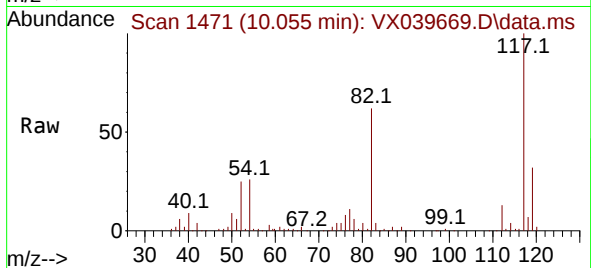
Ion	Ratio	Lower	Upper
117	100		
82	61.9	47.0	70.6
119	32.5	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#58

4-Methyl-2-Pentanone

Concen: 720.952 ug/l

RT: 8.580 min Scan# 1229

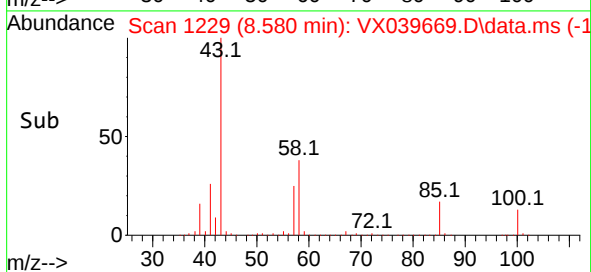
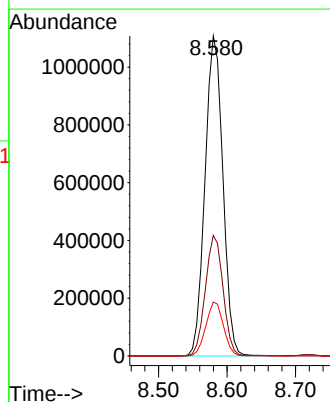
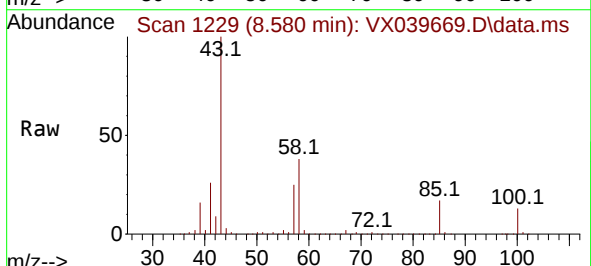
Delta R.T. 0.006 min

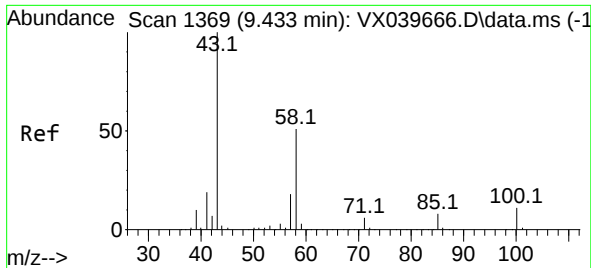
Lab File: VX039669.D

Acq: 08 Jan 2024 18:15

Tgt Ion: 43 Resp: 2013234

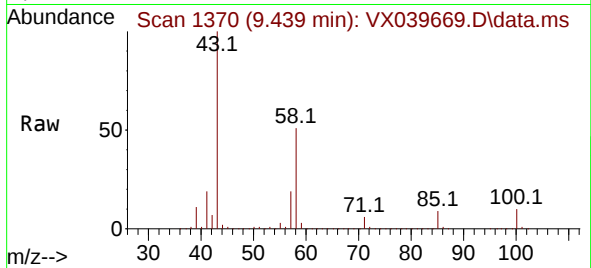
Ion	Ratio	Lower	Upper
43	100		
58	37.2	30.1	45.1
85	16.7	13.9	20.9





#59
2-Hexanone
Concen: 717.313 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

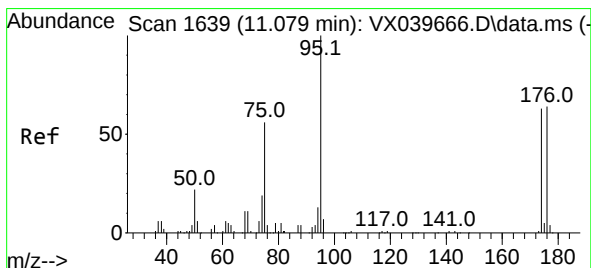
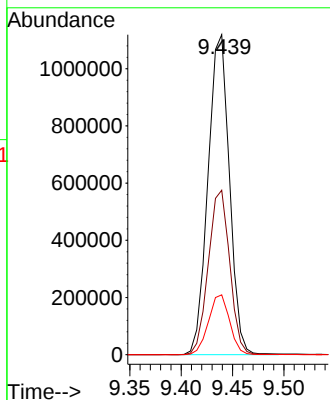
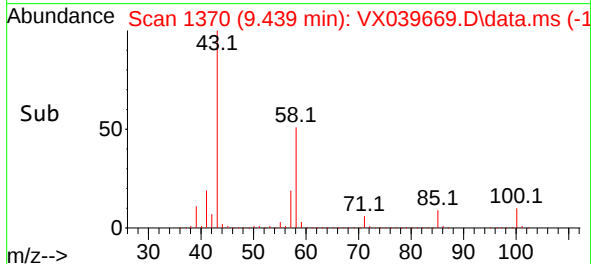
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 1621439
Ion Ratio Lower Upper
43 100
58 51.4 42.7 64.1
57 18.5 14.8 22.2

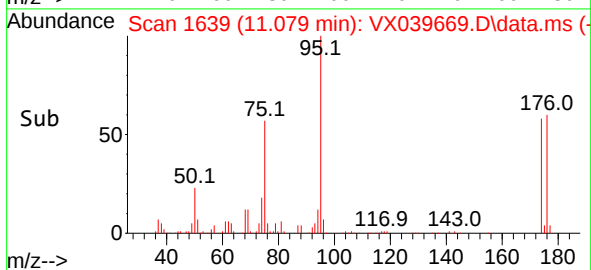
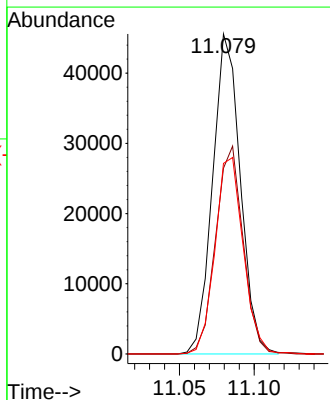
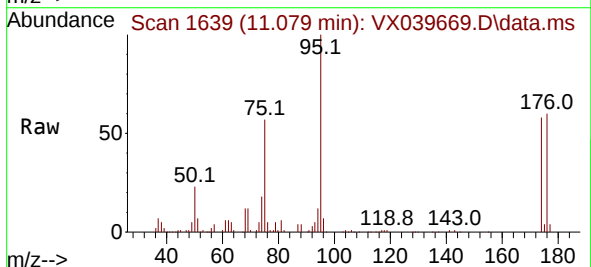
Manual Integrations
APPROVED

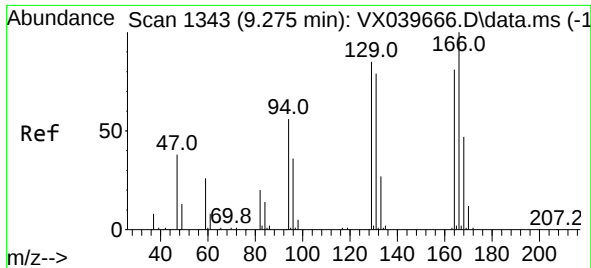
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#60
4-Bromofluorobenzene
Concen: 31.321 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

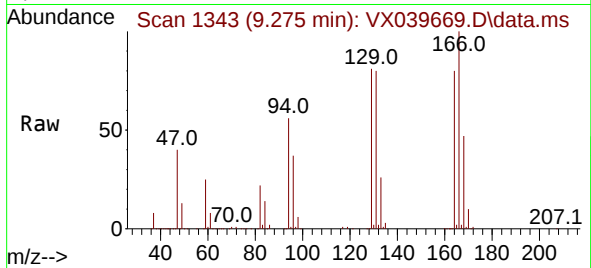
Tgt Ion: 95 Resp: 58648
Ion Ratio Lower Upper
95 100
174 64.3 55.4 83.2
176 62.8 52.6 78.8





#61
Tetrachloroethene
Concen: 144.467 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

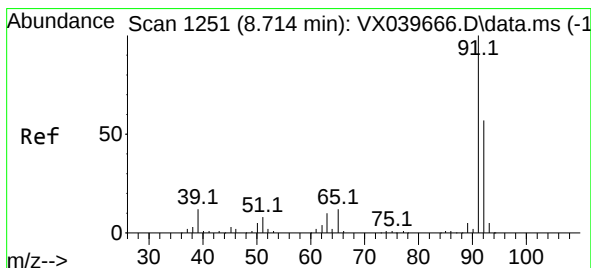
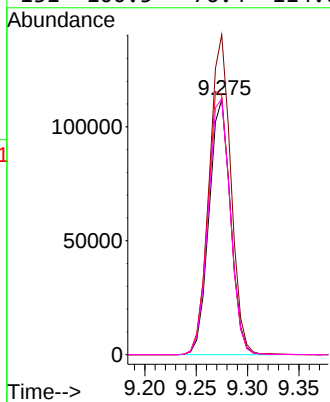
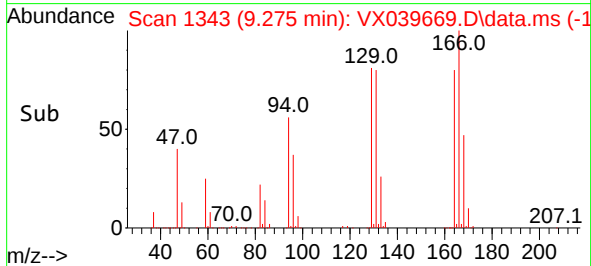
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:164 Resp: 162462
Ion Ratio Lower Upper
164 100
166 125.6 104.0 156.0
129 101.8 82.0 123.0
131 100.5 76.4 114.6

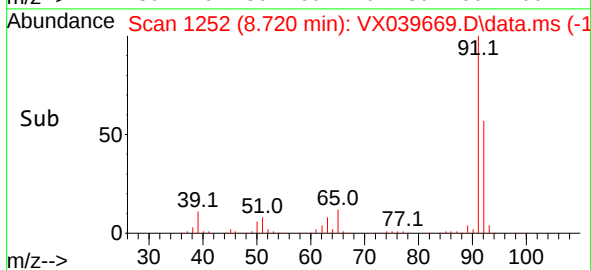
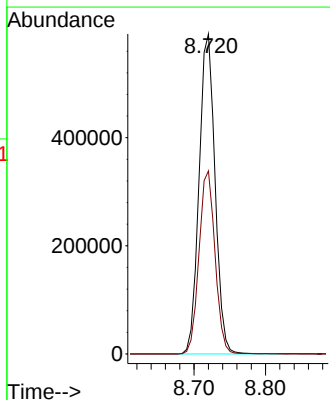
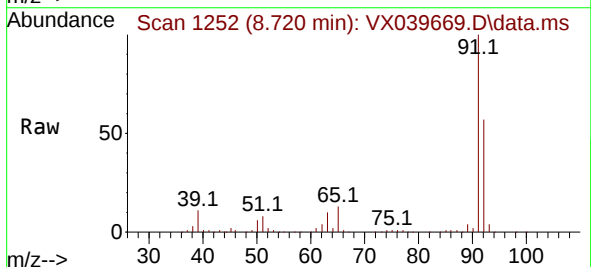
Manual Integrations
APPROVED

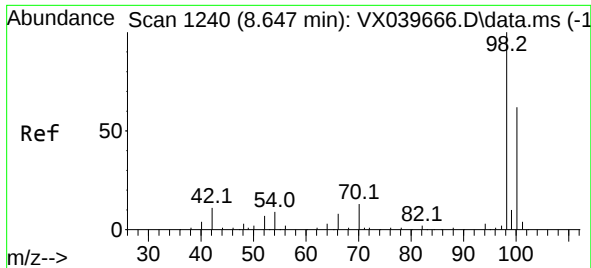
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#62
Toluene
Concen: 145.632 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Tgt Ion: 91 Resp: 916556
Ion Ratio Lower Upper
91 100
92 57.4 45.9 68.9





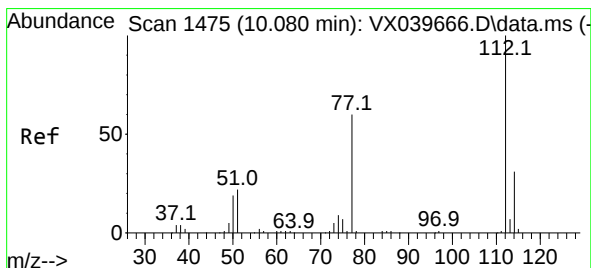
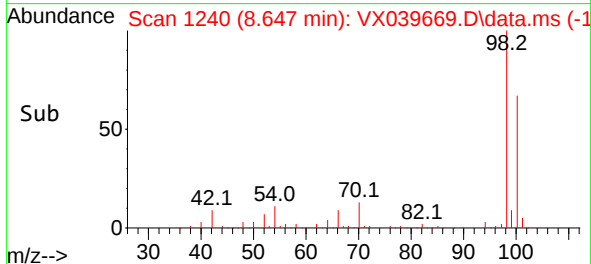
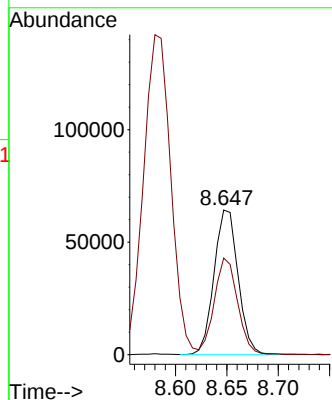
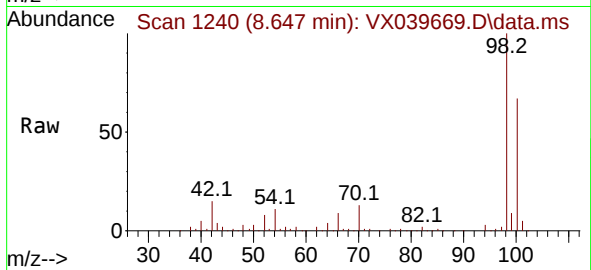
#63
Toluene-d8
Concen: 30.004 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 98 Resp: 104724
Ion Ratio Lower Upper
98 100
100 64.0 51.0 76.4

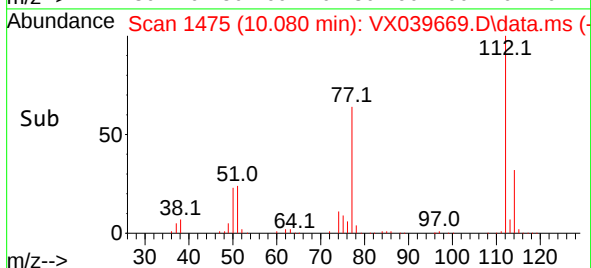
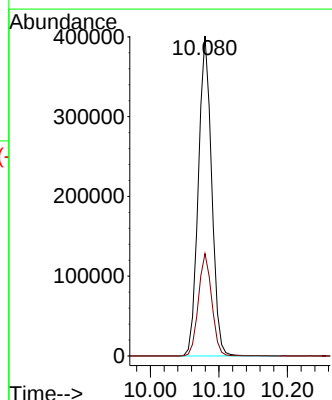
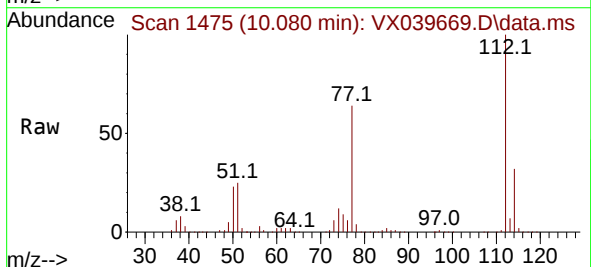
Manual Integrations
APPROVED

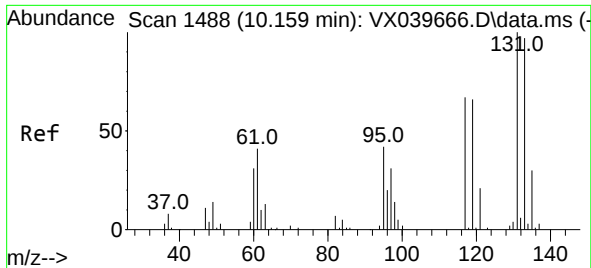
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#64
Chlorobenzene
Concen: 148.132 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

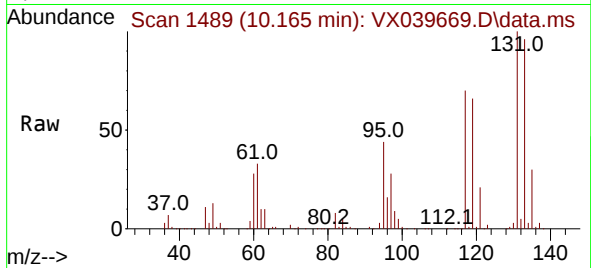
Tgt Ion:112 Resp: 542044
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 157.406 ug/l
RT: 10.165 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

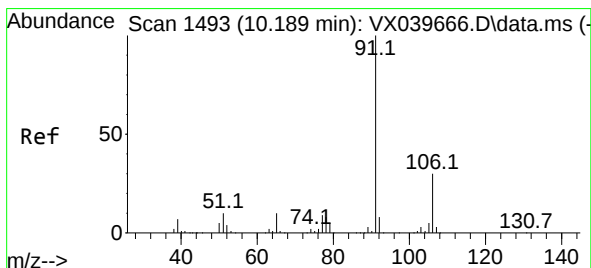
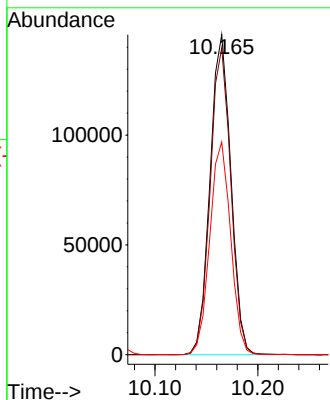
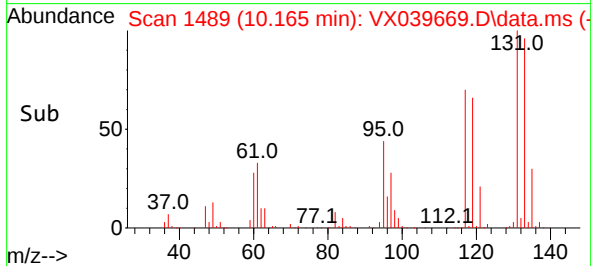
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:131 Resp: 204772
Ion Ratio Lower Upper
131 100
133 95.0 0.0 191.8
119 66.6 0.0 135.4

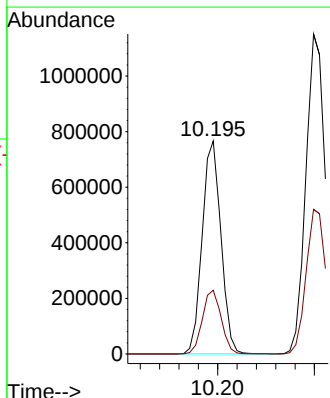
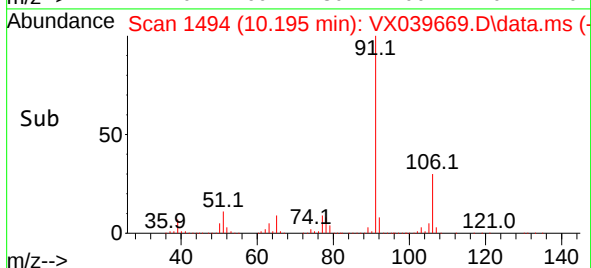
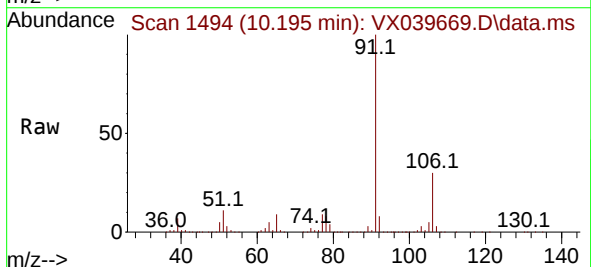
Manual Integrations
APPROVED

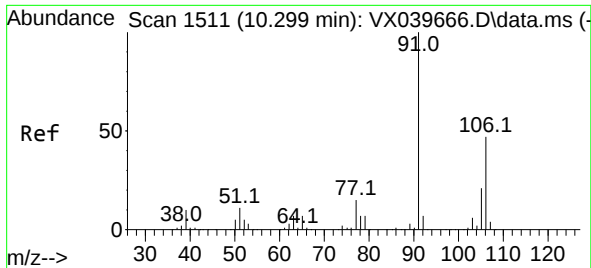
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#66
Ethyl Benzene
Concen: 149.676 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Tgt Ion: 91 Resp: 1034383
Ion Ratio Lower Upper
91 100
106 29.9 24.4 36.6





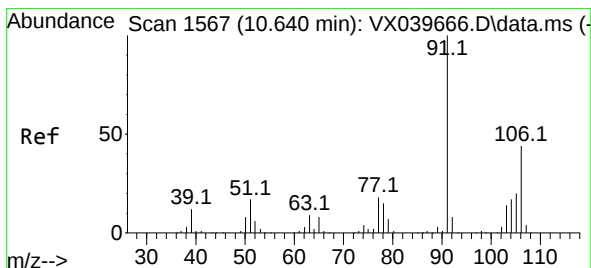
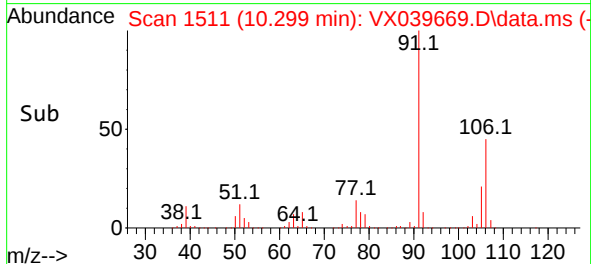
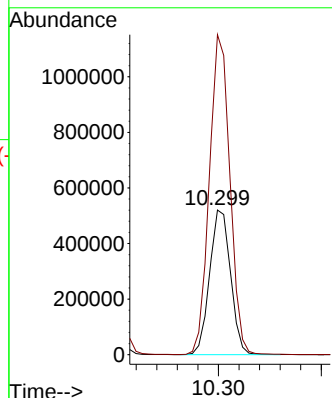
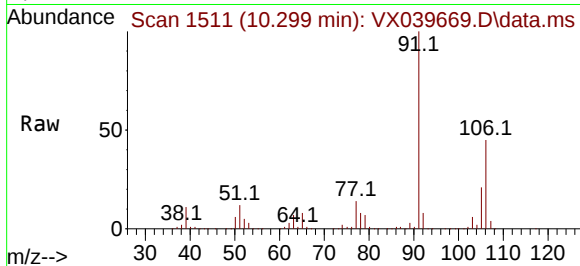
#67
m/p-Xylenes
Concen: 291.000 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 73457
Ion Ratio Lower Upper
106 100
91 217.5 169.4 254.0

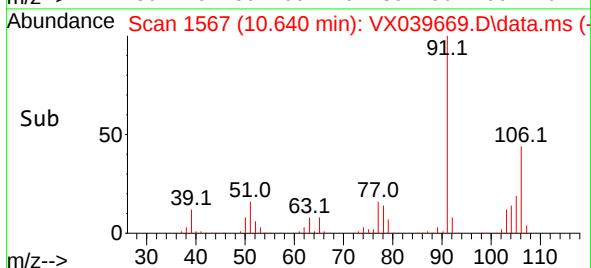
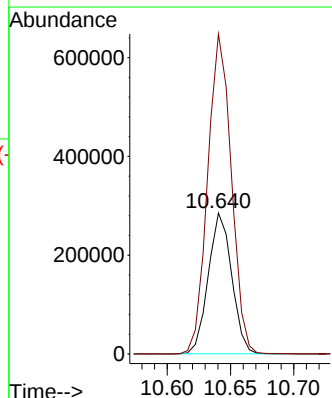
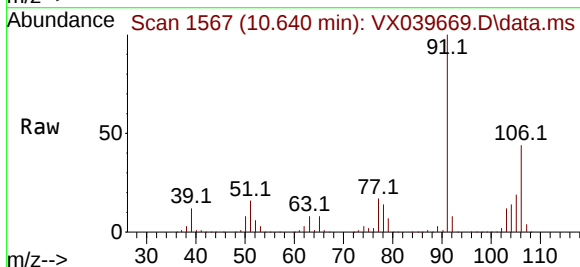
Manual Integrations
APPROVED

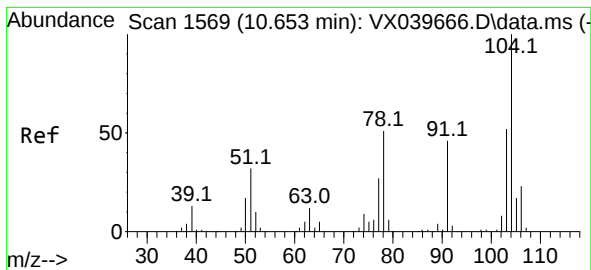
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#68
o-Xylene
Concen: 145.169 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Tgt Ion:106 Resp: 367894
Ion Ratio Lower Upper
106 100
91 229.1 111.2 333.6





#69

Styrene

Concen: 152.531 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX039669.D

Acq: 08 Jan 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

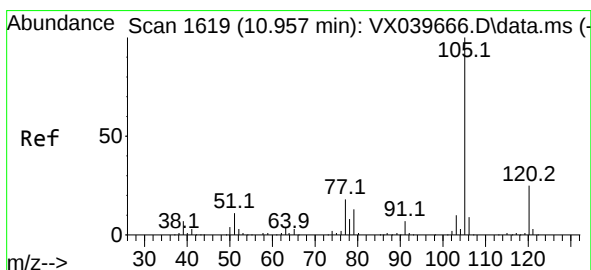
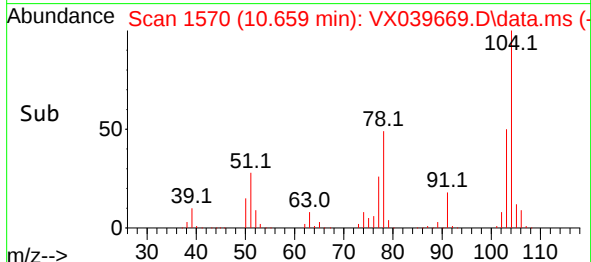
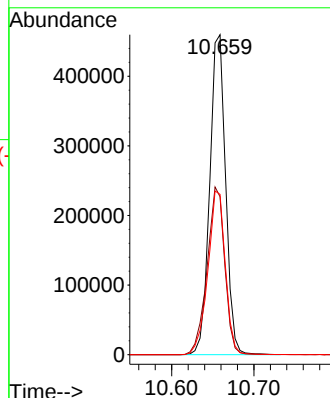
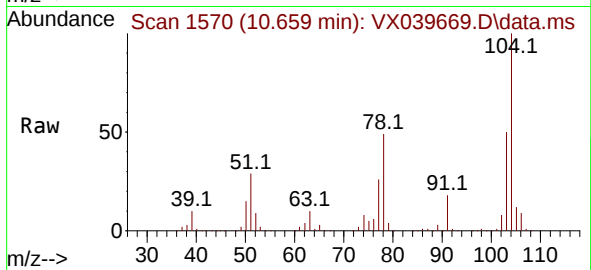
Tgt Ion:104 Resp: 617972
 Ion Ratio Lower Upper
 104 100
 78 58.0 43.7 65.5
 103 56.0 44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#70

Isopropylbenzene

Concen: 146.506 ug/l

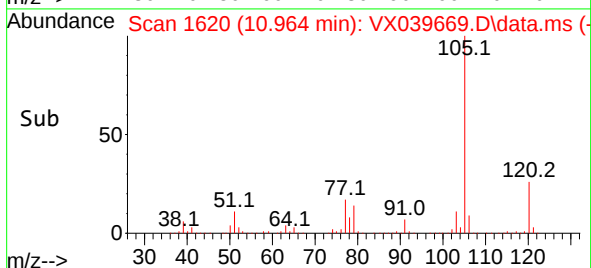
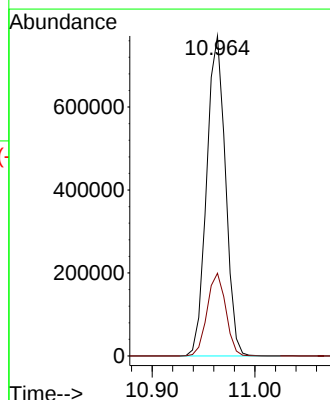
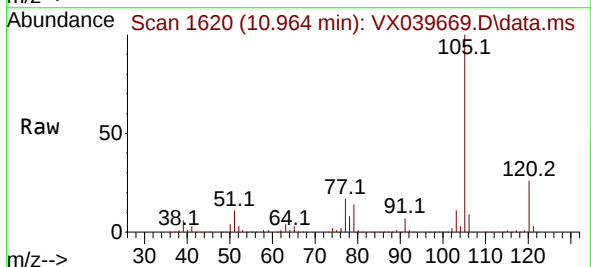
RT: 10.964 min Scan# 1620

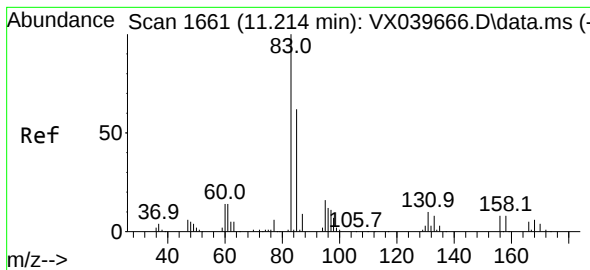
Delta R.T. 0.007 min

Lab File: VX039669.D

Acq: 08 Jan 2024 18:15

Tgt Ion:105 Resp: 979962
 Ion Ratio Lower Upper
 105 100
 120 25.6 18.5 34.3





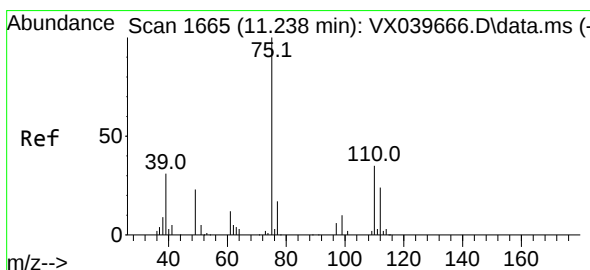
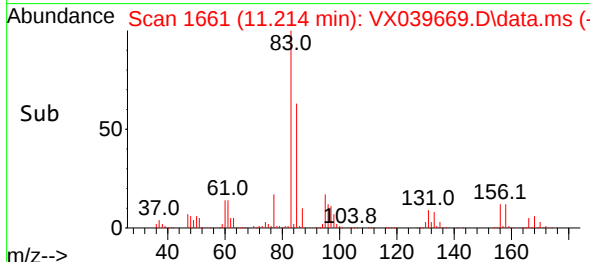
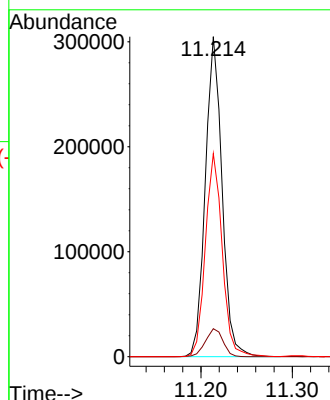
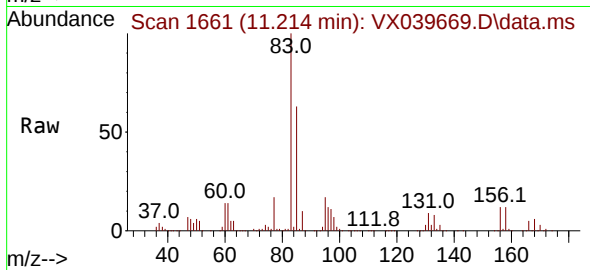
#71
1,1,2,2-Tetrachloroethane
Concen: 150.554 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 386794
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 63.9 32.5 97.4

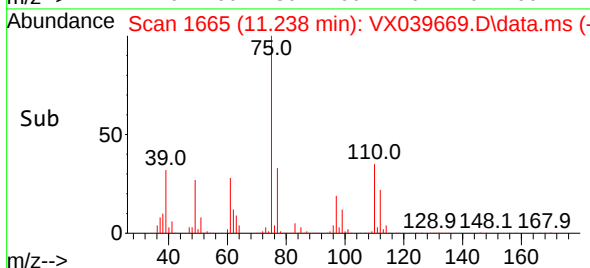
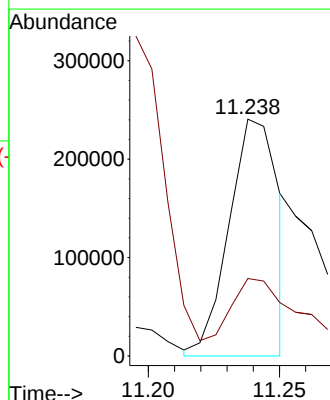
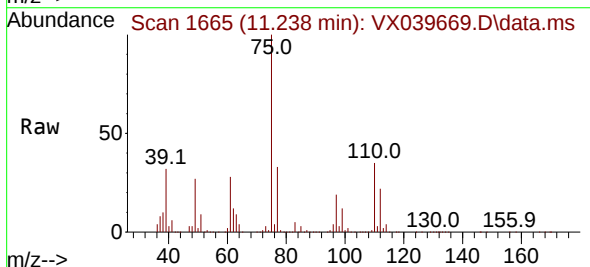
Manual Integrations
APPROVED

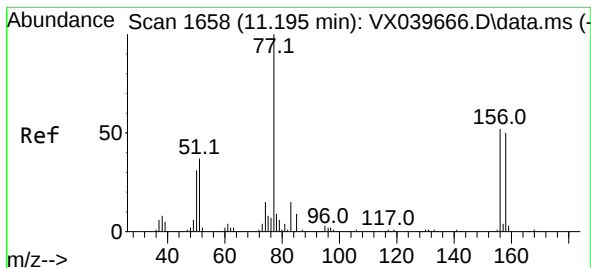
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#72
1,2,3-Trichloropropane
Concen: 143.652 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Tgt Ion: 75 Resp: 314792
Ion Ratio Lower Upper
75 100
77 47.2 0.0 76.4





#73

Bromobenzene

Concen: 146.606 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX039669.D

Acq: 08 Jan 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:156 Resp: 216500

Ion Ratio Lower Upper

156 100

77 195.1 0.0 363.2

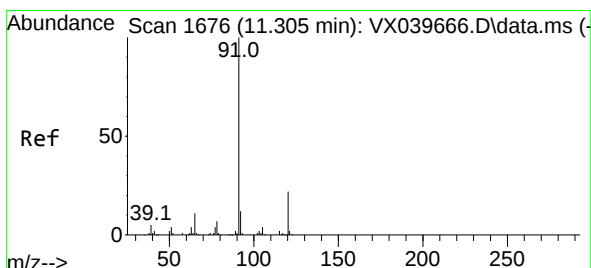
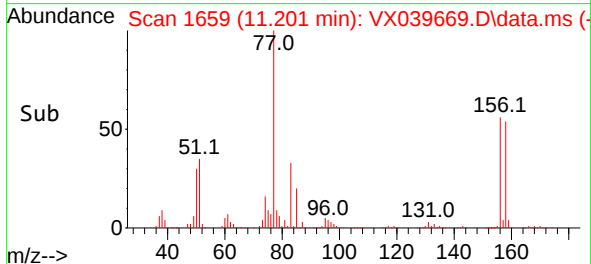
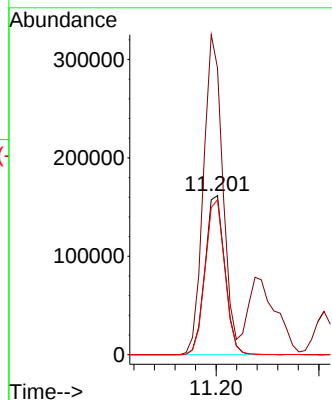
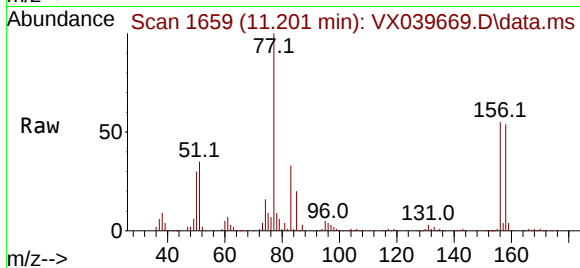
158 96.4 0.0 197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#74

n-propylbenzene

Concen: 153.433 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX039669.D

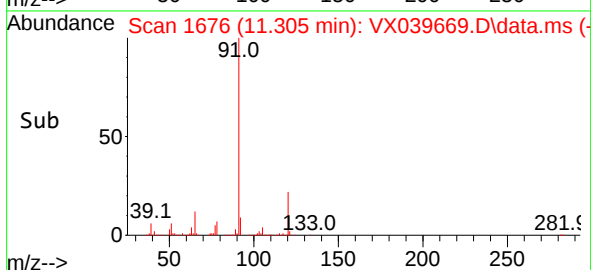
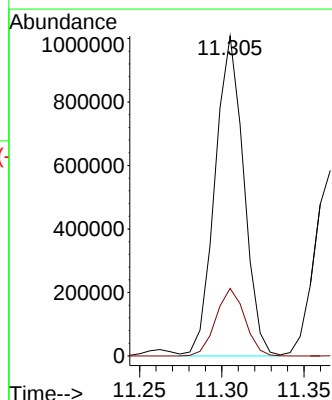
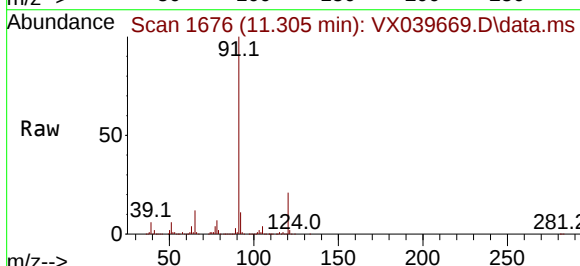
Acq: 08 Jan 2024 18:15

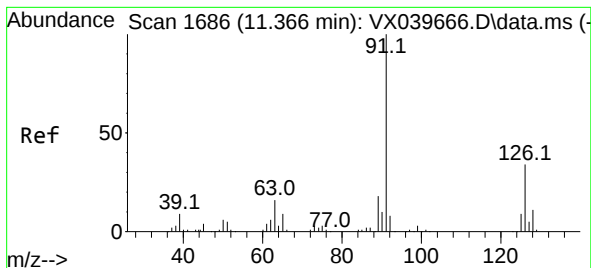
Tgt Ion: 91 Resp: 1223658

Ion Ratio Lower Upper

91 100

120 21.2 0.0 43.4





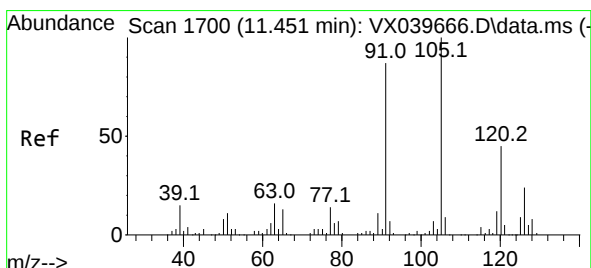
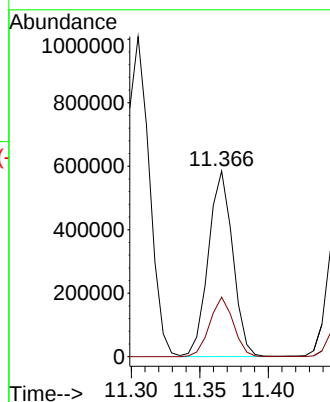
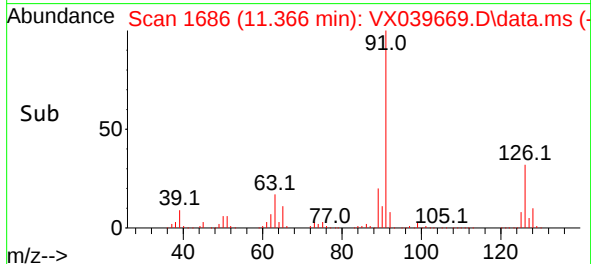
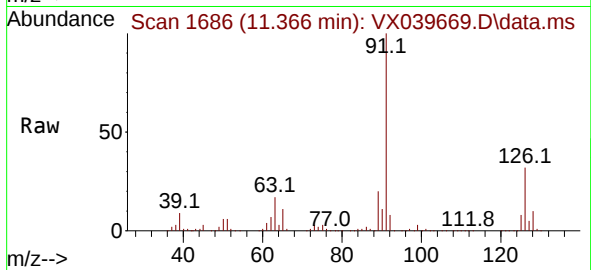
#75
2-Chlorotoluene
Concen: 146.144 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 724084
Ion Ratio Lower Upper
91 100
126 31.1 0.0 64.2

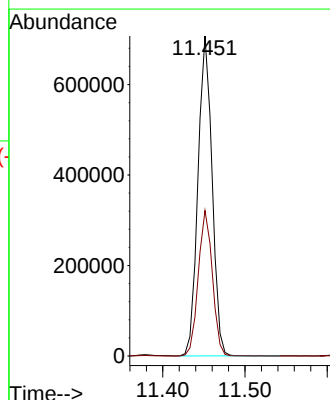
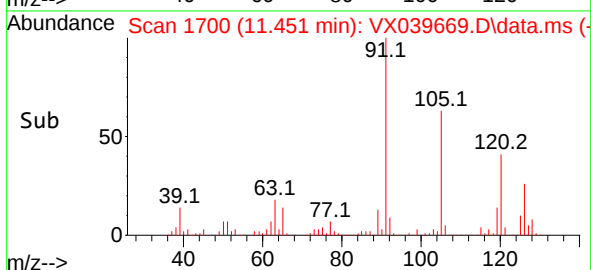
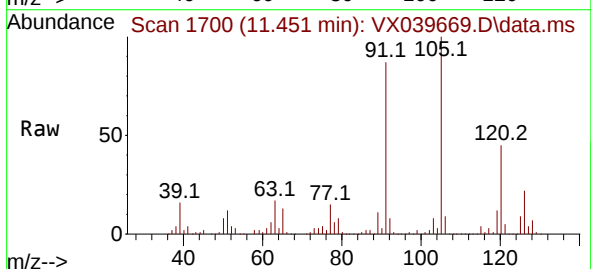
Manual Integrations
APPROVED

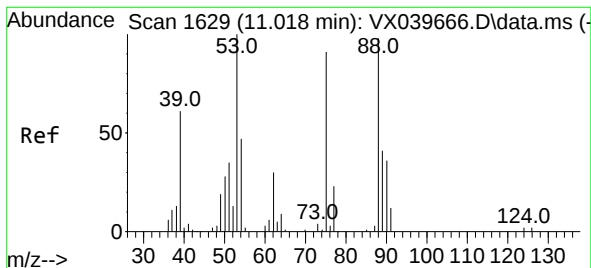
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#76
1,3,5-Trimethylbenzene
Concen: 147.122 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

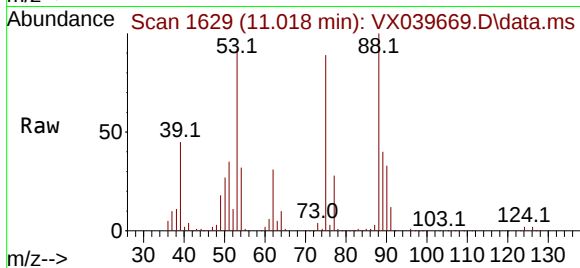
Tgt Ion:105 Resp: 840691
Ion Ratio Lower Upper
105 100
120 45.3 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 191.095 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

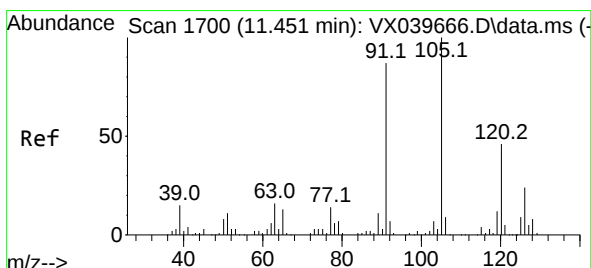
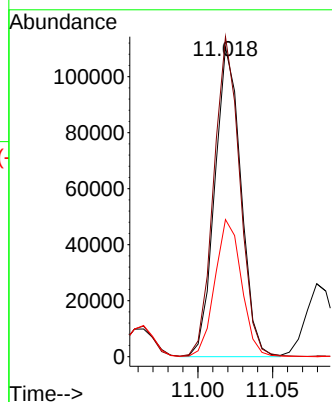
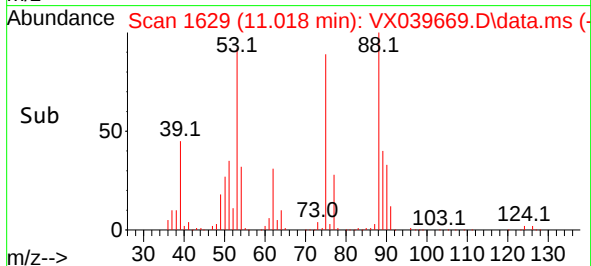
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 134760
Ion Ratio Lower Upper
75 100
53 103.4 46.9 140.8
89 44.3 21.3 63.7

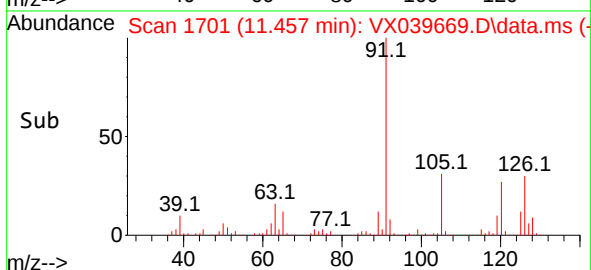
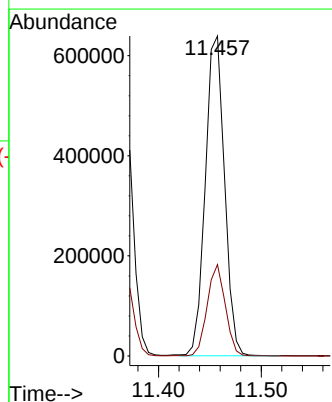
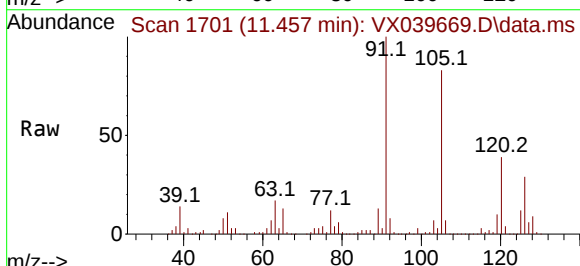
Manual Integrations
APPROVED

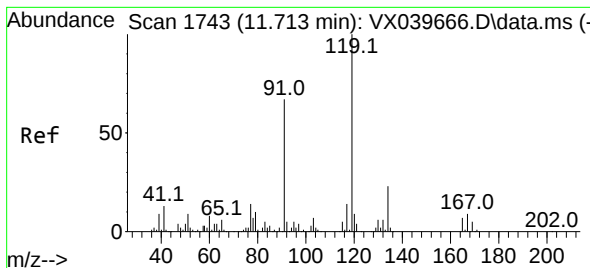
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#78
4-Chlorotoluene
Concen: 150.969 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Tgt Ion: 91 Resp: 829621
Ion Ratio Lower Upper
91 100
126 26.9 0.0 57.4





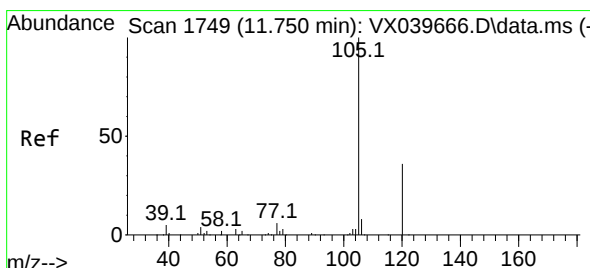
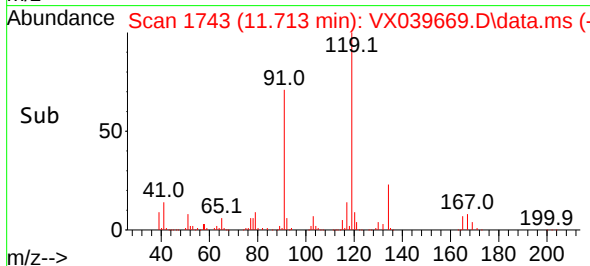
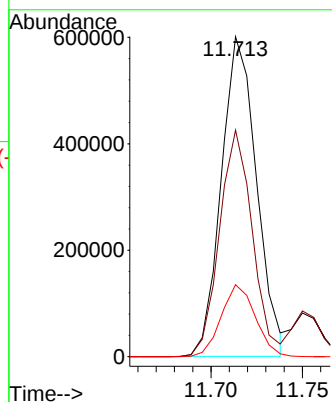
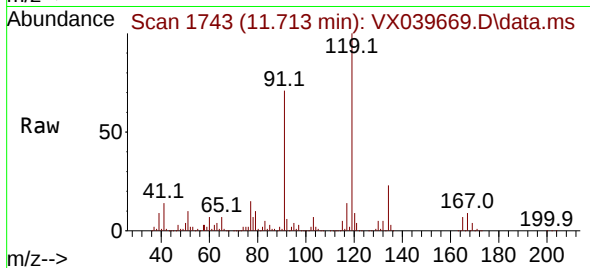
#79
tert-butylbenzene
Concen: 148.692 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:119 Resp: 805093
Ion Ratio Lower Upper
119 100
91 66.1 0.0 125.6
134 21.8 0.0 43.8

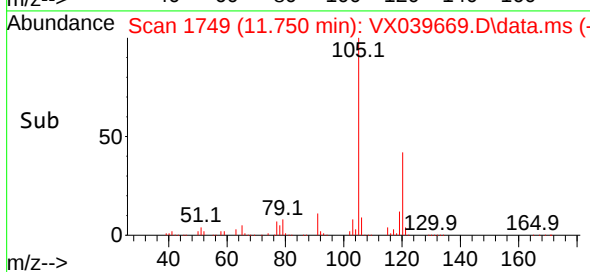
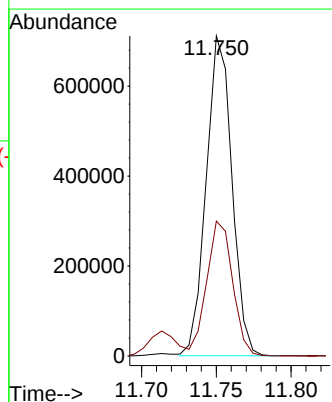
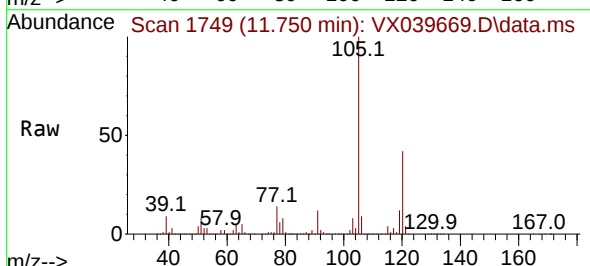
Manual Integrations
APPROVED

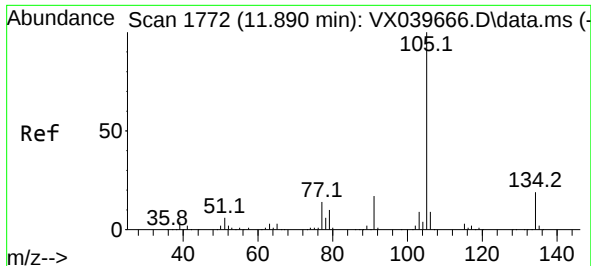
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#80
1,2,4-Trimethylbenzene
Concen: 150.069 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

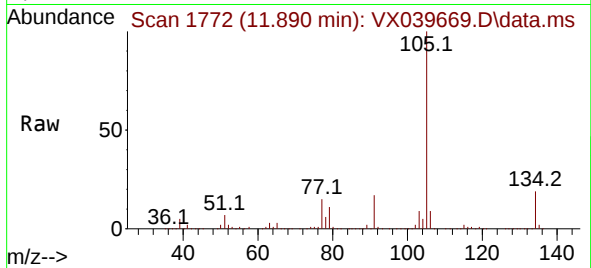
Tgt Ion:105 Resp: 851042
Ion Ratio Lower Upper
105 100
120 42.4 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 152.502 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039669.D
 Acq: 08 Jan 2024 18:15

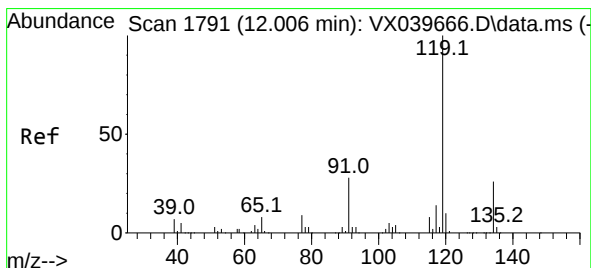
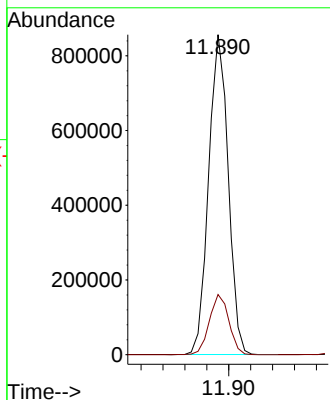
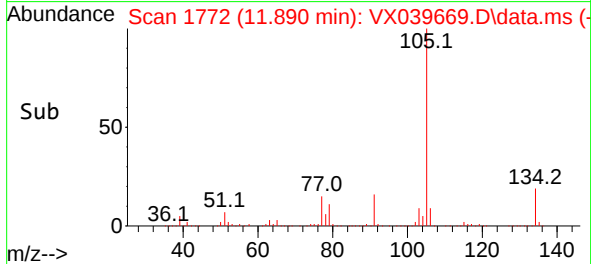
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



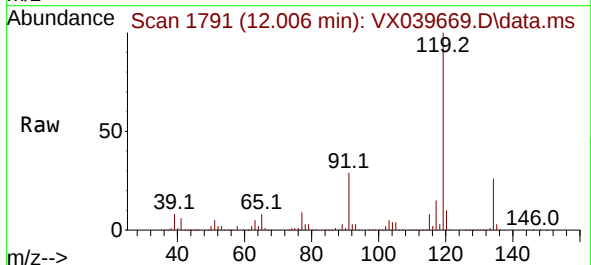
Tgt Ion:105 Resp: 1061200
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 38.4

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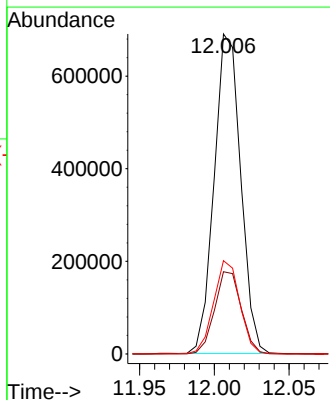
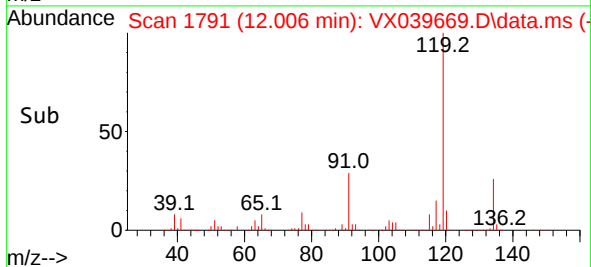
Reviewed By :John Carlone 01/09/2024
 Supervised By :Mahesh Dadoda 01/09/2024

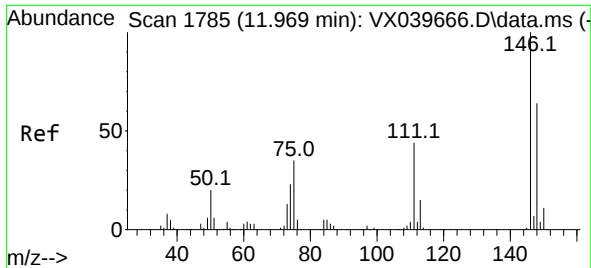


#82
 p-Isopropyltoluene
 Concen: 153.789 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039669.D
 Acq: 08 Jan 2024 18:15



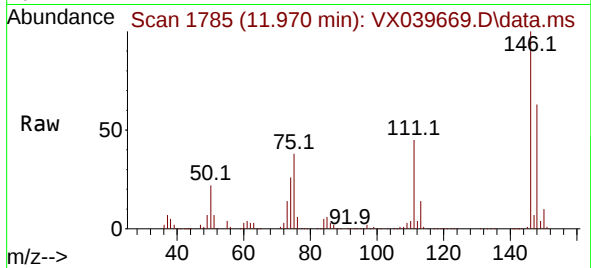
Tgt Ion:119 Resp: 851700
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 52.6
 91 28.7 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 153.246 ug/l
RT: 11.970 min Scan# 1785
Delta R.T. 0.001 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

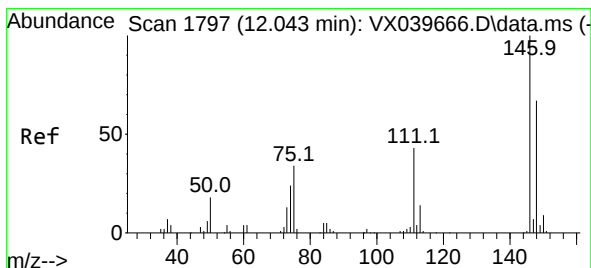
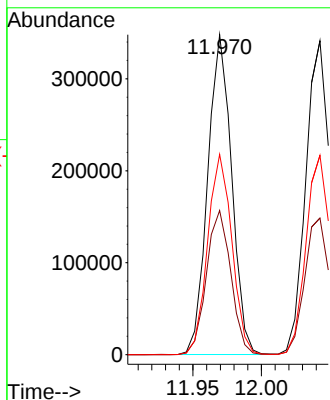
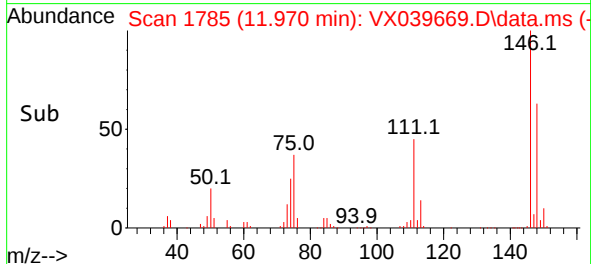
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



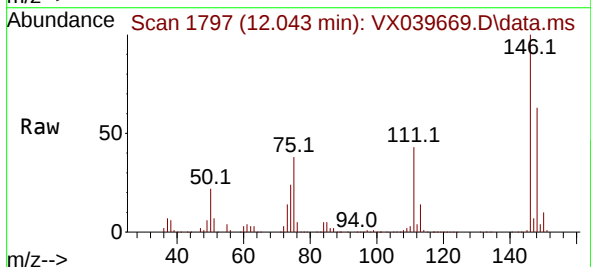
Tgt Ion:146 Resp: 422989
Ion Ratio Lower Upper
146 100
111 46.0 22.3 66.9
148 63.4 32.8 98.3

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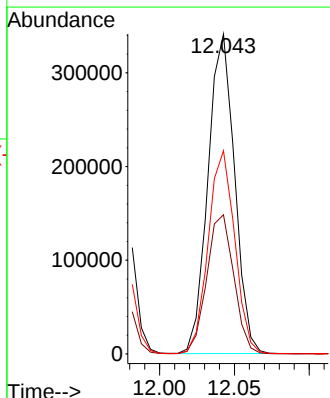
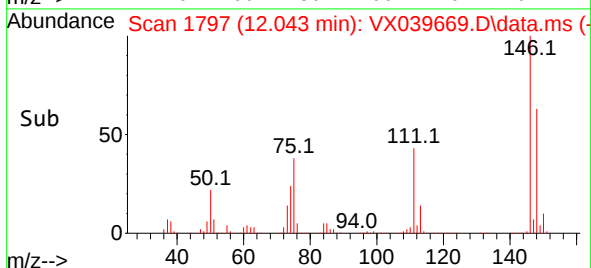
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024

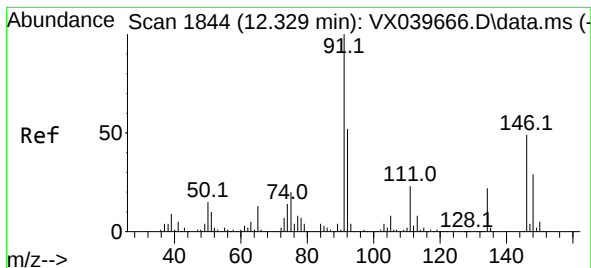


#84
1,4-Dichlorobenzene
Concen: 154.056 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15



Tgt Ion:146 Resp: 421755
Ion Ratio Lower Upper
146 100
111 44.5 21.4 64.2
148 63.6 31.8 95.4





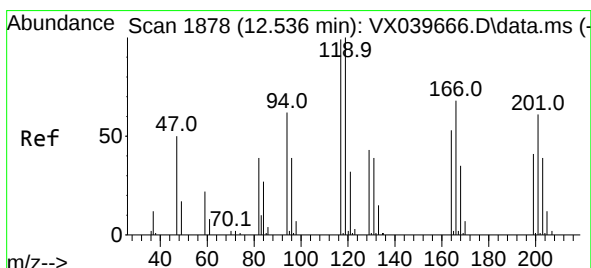
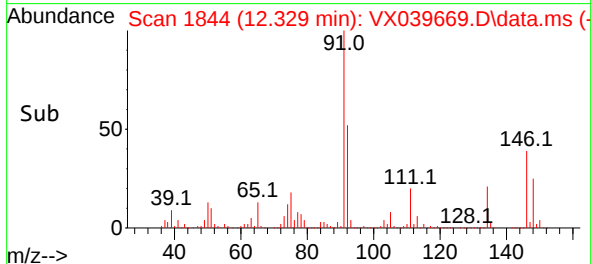
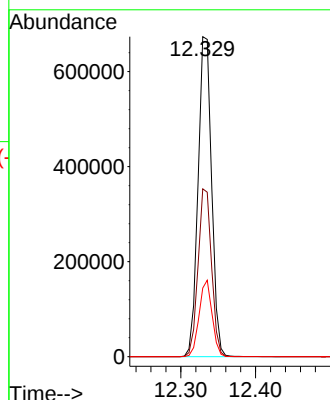
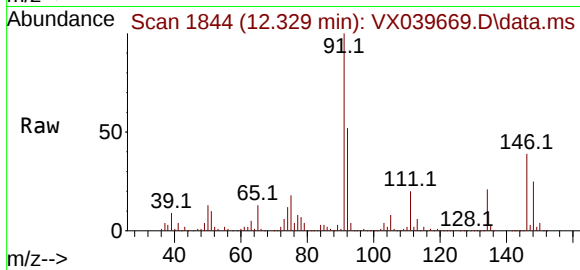
#85
n-Butylbenzene
Concen: 166.936 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 84616
Ion Ratio Lower Upper
91 100
92 52.2 0.0 106.2
134 22.9 0.0 48.8

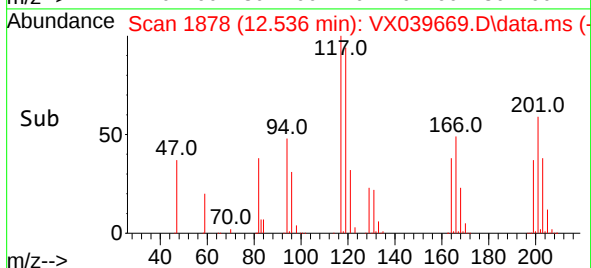
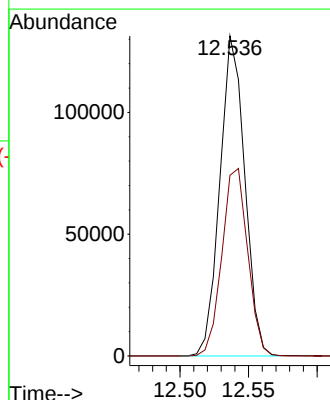
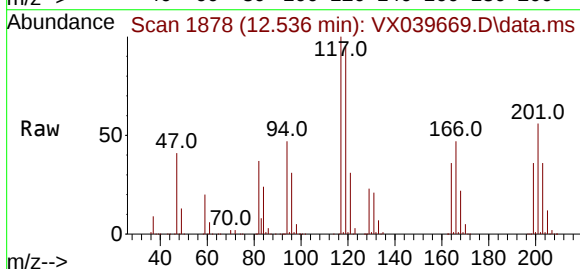
Manual Integrations
APPROVED

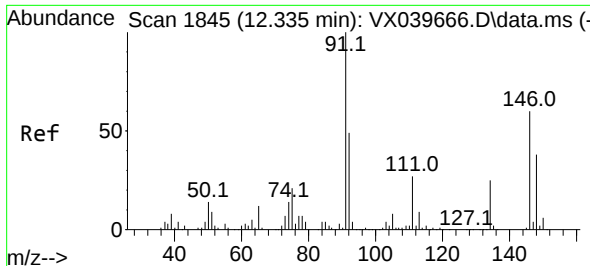
Reviewed By :John Carlone 01/09/2024
Supervised By :Mahesh Dadoda 01/09/2024



#86
Hexachloroethane
Concen: 175.206 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Tgt Ion:117 Resp: 166004
Ion Ratio Lower Upper
117 100
201 60.8 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 146.850 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

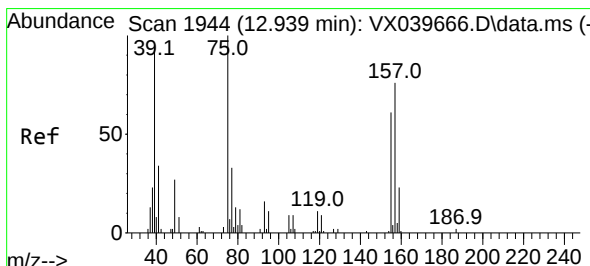
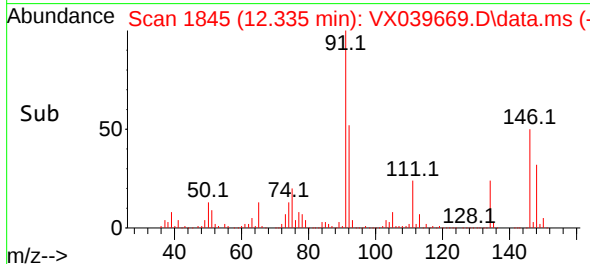
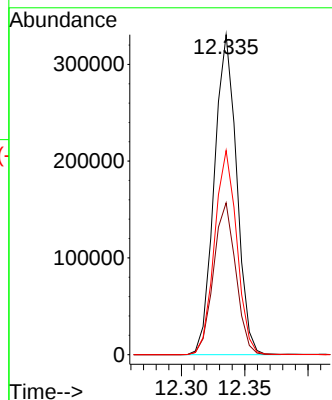
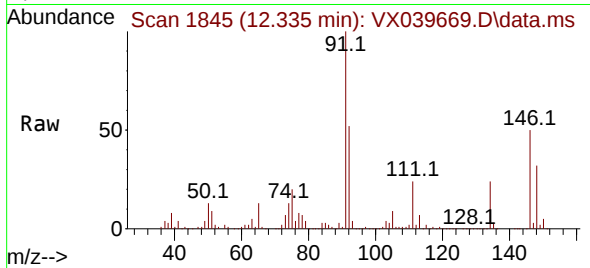
Tgt Ion:146 Resp: 40620
Ion Ratio Lower Upper
146 100
111 47.2 22.4 67.2
148 63.5 31.9 95.7

Manual Integrations

APPROVED

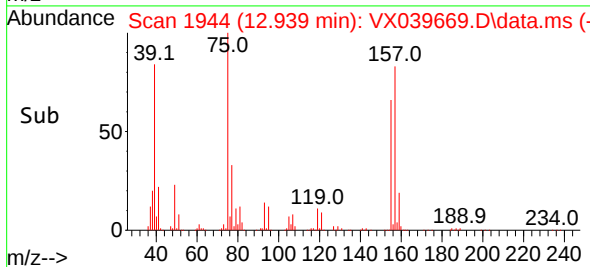
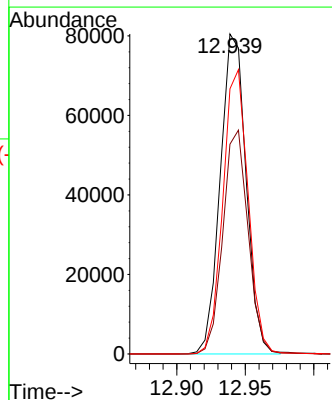
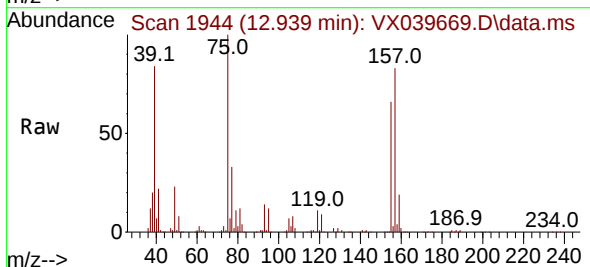
Reviewed By :John Carlone 01/09/2024

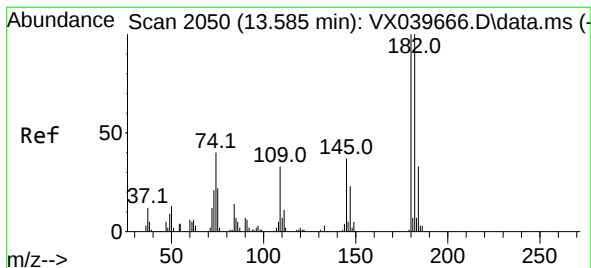
Supervised By :Mahesh Dadoda 01/09/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 171.641 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

Tgt Ion: 75 Resp: 105590
Ion Ratio Lower Upper
75 100
155 68.3 58.2 87.4
157 86.7 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 168.585 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039669.D

Acq: 08 Jan 2024 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

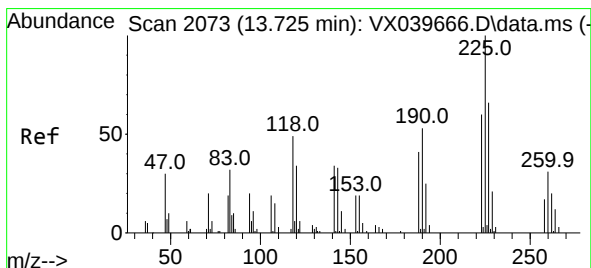
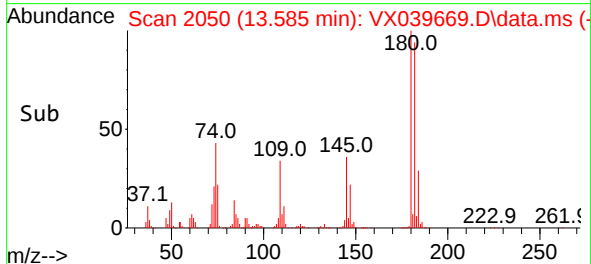
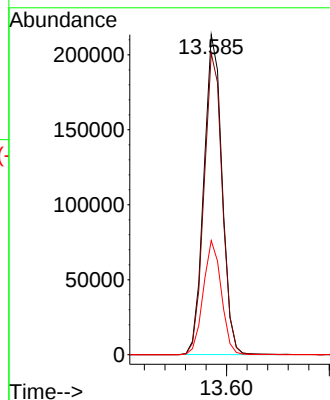
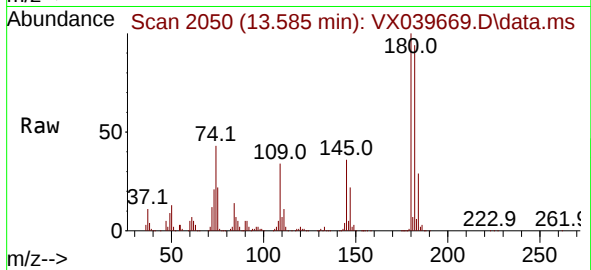
Tgt Ion:	180	Resp:	26291
Ion Ratio	Lower	Upper	
180	100		
182	94.4	74.5	111.7
145	35.2	26.6	40.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2024

Supervised By :Mahesh Dadoda 01/09/2024



#90

Hexachlorobutadiene

Concen: 155.188 ug/l

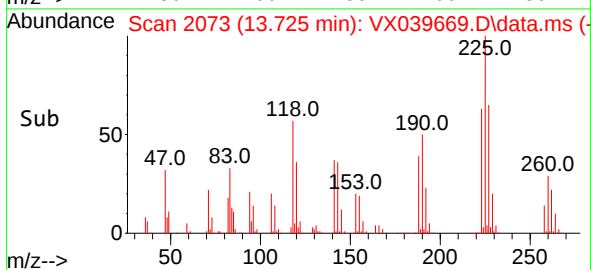
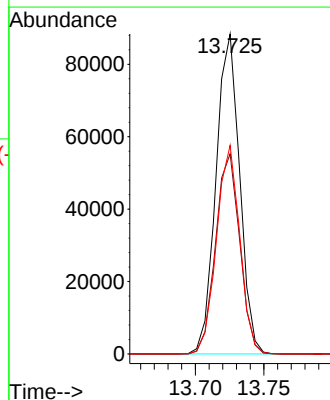
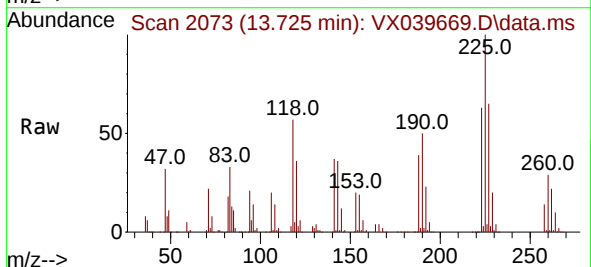
RT: 13.725 min Scan# 2073

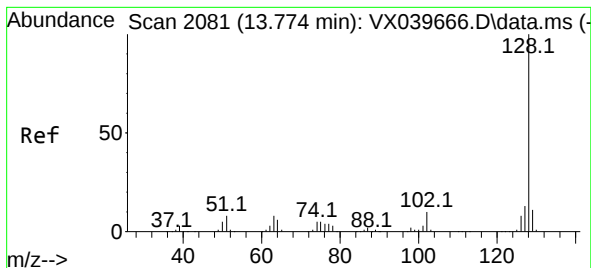
Delta R.T. 0.000 min

Lab File: VX039669.D

Acq: 08 Jan 2024 18:15

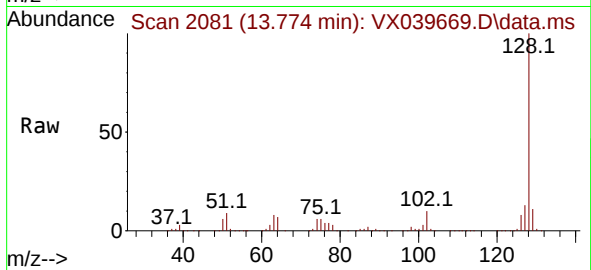
Tgt Ion:	225	Resp:	105950
Ion Ratio	Lower	Upper	
225	100		
223	63.8	0.0	124.4
227	64.2	0.0	124.4





#91
Naphthalene
Concen: 164.555 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15

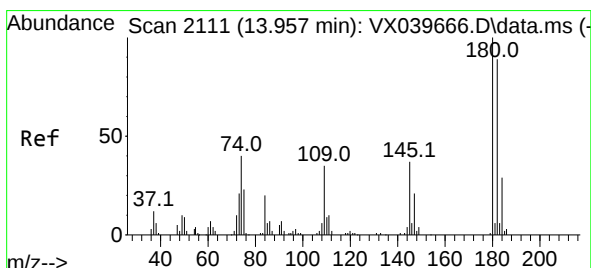
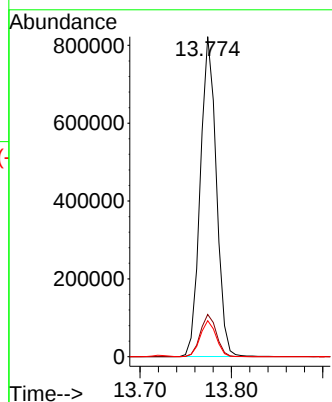
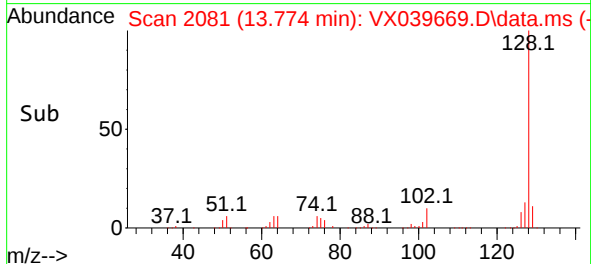
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



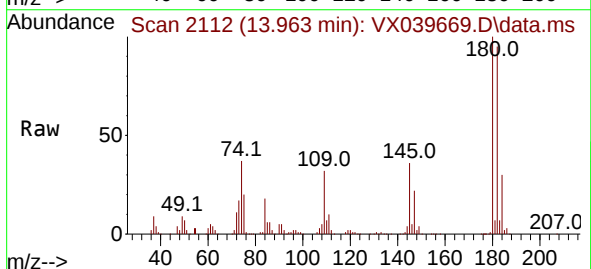
Tgt Ion:128 Resp: 1001228
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.2 8.6 12.8

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 161.693 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039669.D
Acq: 08 Jan 2024 18:15



Tgt Ion:180 Resp: 261090
Ion Ratio Lower Upper
180 100
182 95.2 0.0 191.6
145 36.7 0.0 69.6

