

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030322\
 Data File : VX027275.D
 Acq On : 03 Mar 2022 17:06
 Operator : JC/MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/04/2022
 Supervised By : Mahesh Dadoda 03/04/2022

Quant Time: Mar 04 00:48:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 04 00:46:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	11554	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	63530	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	58193	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	23916	28.868	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	96.233%	
60) 4-Bromofluorobenzene	11.079	95	28725	30.510	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	101.700%	
63) Toluene-d8	8.653	98	75074	28.570	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	95.233%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	38163	56.408	ug/l	98
3) Chloromethane	1.294	50	28994	46.756	ug/l	99
4) Vinyl Chloride	1.374	62	28794	46.688	ug/l	99
5) Bromomethane	1.599	94	14565	49.185	ug/l	97
6) Chloroethane	1.685	64	17210	47.340	ug/l	98
7) Trichlorofluoromethane	1.886	101	50035	51.278	ug/l	98
8) Diethyl Ether	2.136	74	15683	45.865	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	34605	50.827	ug/l	100
10) 1,1-Dichloroethene	2.325	96	33403	50.311	ug/l	97
11) Methyl Iodide	2.453	142	42897	50.588	ug/l	99
12) Methyl Acetate	2.709	43	44494	46.530	ug/l	94
13) Acrolein	2.239	56	36001	225.273	ug/l	99
14) Acrylonitrile	3.068	53	100466	239.082	ug/l	100
15) Acetone	2.386	58	28544	248.622	ug/l	98
16) Carbon Disulfide	2.514	76	88427	50.483	ug/l	100
17) Allyl chloride	2.666	41	56482	47.766	ug/l	99
18) Methylene Chloride	2.794	84	37115	49.444	ug/l	98
19) trans-1,2-Dichloroethene	3.099	96	36423	50.206	ug/l	93
20) Diisopropyl ether	3.763	45	107937	46.696	ug/l	98
21) 1,1-Dichloroethane	3.617	63	63275	48.578	ug/l	99
22) cis-1,2-Dichloroethene	4.495	96	41631	49.904	ug/l	98
23) tert-Butyl Alcohol	2.965	59	40405	245.695	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	112829	48.735	ug/l	99
25) Chloroform	5.099	83	66833	49.712	ug/l	94
26) Cyclohexane	5.476	56	57850	48.328	ug/l #	99
29) 1,1-Dichloropropene	5.696	75	50065	50.440	ug/l	99
30) 2-Butanone	4.562	43	141219	239.980	ug/l	99
31) 2,2-Dichloropropane	4.483	77	50371	55.910	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	61582	51.993	ug/l	98
33) Carbon Tetrachloride	5.684	117	55499	53.055	ug/l	99
34) Benzene	6.043	78	146107	50.042	ug/l	98
35) Methacrylonitrile	4.922	41	29569	48.223	ug/l	97
36) 1,2-Dichloroethane	6.092	62	53305	50.636	ug/l	98
37) Trichloroethene	7.129	130	43524	50.722	ug/l	99
38) Methylcyclohexane	7.385	83	62097	50.781	ug/l	99
39) 1,2-Dichloropropane	7.433	63	35473	48.580	ug/l	100
40) Dibromomethane	7.586	93	26608	50.490	ug/l	98
41) Bromodichloromethane	7.824	83	52868	52.814	ug/l	99
42) Vinyl Acetate	3.727	43	479487	240.099	ug/l	100

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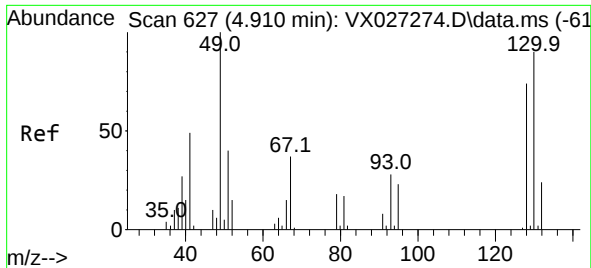
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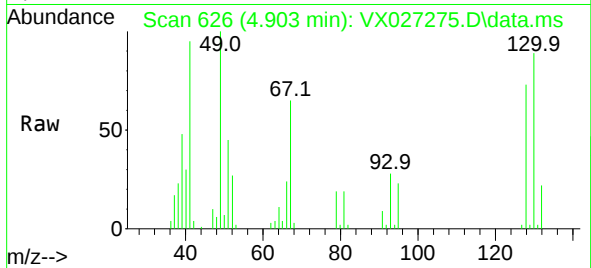
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	53355	47.836	ug/l	99
44) Isopropyl Acetate	6.342	43	84191	48.473	ug/l	99
45) 1,4-Dioxane	7.659	88	19468	1081.587	ug/l	97
46) Methyl methacrylate	7.696	41	41658	48.811	ug/l	97
47) n-amyl Acetate	10.841	43	70416	50.882	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	54603	54.482	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	59943	53.016	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	38493	53.251	ug/l	98
51) Ethyl methacrylate	9.116	69	59389	51.737	ug/l	99
52) 1,3-Dichloropropane	9.311	76	63960	51.664	ug/l	98
53) Dibromochloromethane	9.525	129	42064	55.065	ug/l	98
54) 1,2-Dibromoethane	9.610	107	41138	52.833	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	146351	253.872	ug/l	100
56) Bromoform	10.799	173	31149	58.368	ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	277978	239.969	ug/l	99
59) 2-Hexanone	9.433	43	210923	239.459	ug/l	95
61) Tetrachloroethene	9.275	164	44013	48.142	ug/l	97
62) Toluene	8.720	91	166132	51.185	ug/l	96
64) Chlorobenzene	10.079	112	103222	50.883	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	39521	52.404	ug/l	97
66) Ethyl Benzene	10.195	91	184501	51.366	ug/l	99
67) m/p-Xylenes	10.305	106	145219	104.393	ug/l	97
68) o-Xylene	10.640	106	71358	52.272	ug/l	99
69) Styrene	10.659	104	118748	52.396	ug/l	99
70) Isopropylbenzene	10.963	105	185609	52.288	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	54987	52.795	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	55290m	53.297	ug/l	
73) Bromobenzene	11.201	156	46287	53.043	ug/l	98
74) n-propylbenzene	11.305	91	210985	52.033	ug/l	100
75) 2-Chlorotoluene	11.366	91	127507	51.051	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	156606	52.591	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	16446	54.614	ug/l	88
78) 4-Chlorotoluene	11.457	91	144819	51.747	ug/l	99
79) tert-butylbenzene	11.713	119	150681	52.525	ug/l	99
80) 1,2,4-Trimethylbenzene	11.756	105	155172	52.352	ug/l	99
81) sec-Butylbenzene	11.890	105	190479	52.442	ug/l	100
82) p-Isopropyltoluene	12.012	119	165360	53.602	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	85141	52.501	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	85917	52.982	ug/l	99
85) n-Butylbenzene	12.335	91	136857	53.849	ug/l	100
86) Hexachloroethane	12.542	117	25582	52.604	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	83778	53.263	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	13362	52.779	ug/l	96
89) 1,2,4-Trichlorobenzene	13.591	180	54038	54.066	ug/l	97
90) Hexachlorobutadiene	13.725	225	22286	53.134	ug/l	99
91) Naphthalene	13.780	128	188207	54.110	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	54163	53.682	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

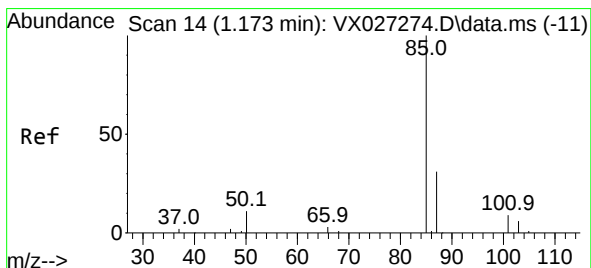
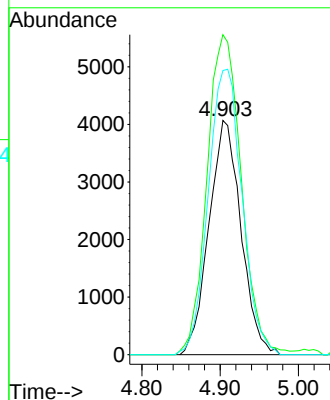
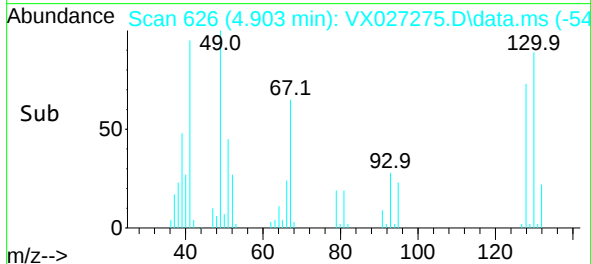
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion:128 Resp: 11554
Ion Ratio Lower Upper
128 100
49 146.2 0.0 358.3
130 129.1 0.0 319.3

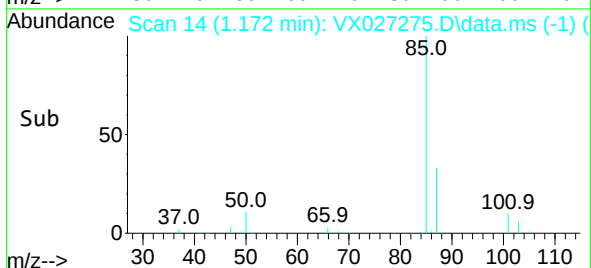
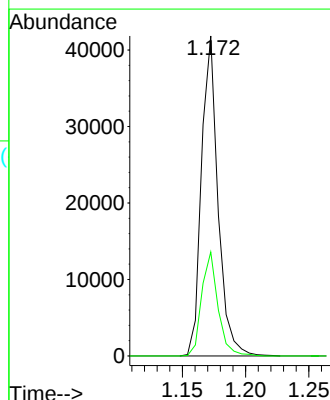
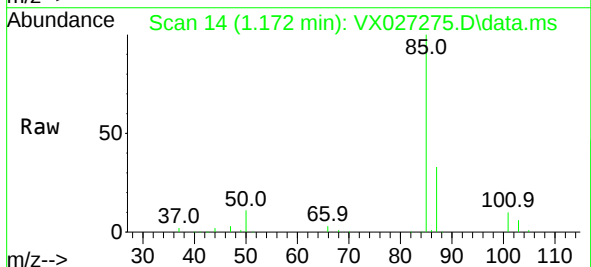
Manual Integrations
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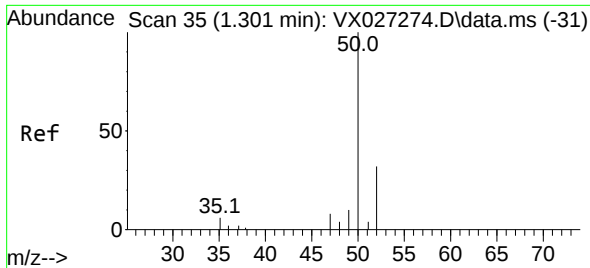
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#2
Dichlorodifluoromethane
Concen: 56.408 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

Tgt Ion: 85 Resp: 38163
Ion Ratio Lower Upper
85 100
87 32.5 15.6 46.8





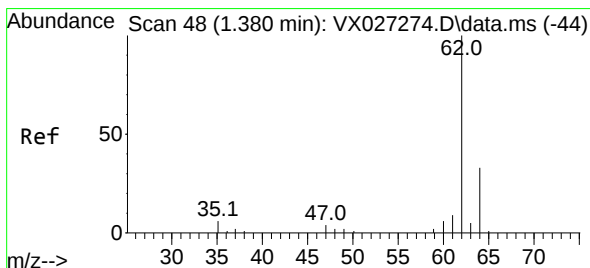
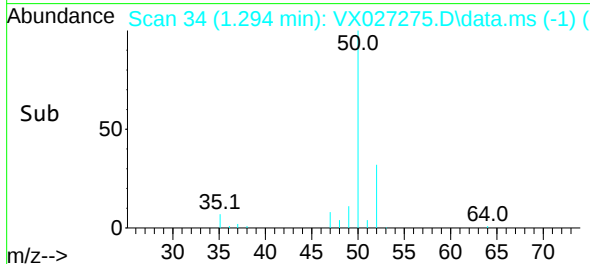
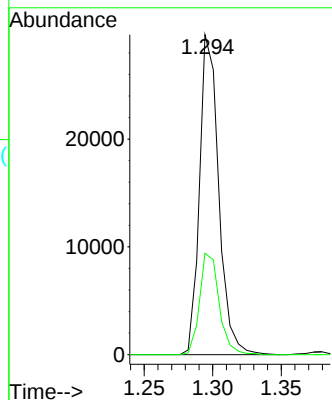
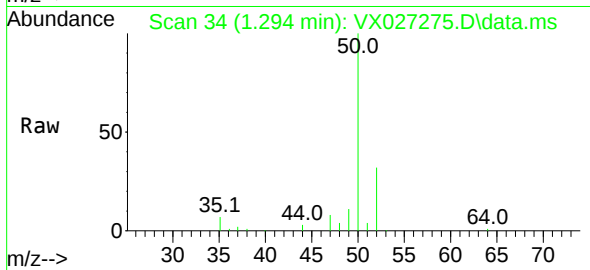
#3
Chloromethane
Concen: 46.756 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 50 Resp: 28994
Ion Ratio Lower Upper
50 100
52 31.7 25.6 38.4

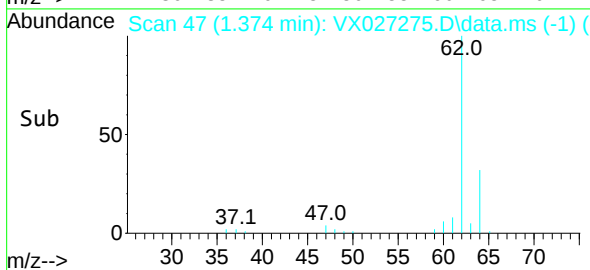
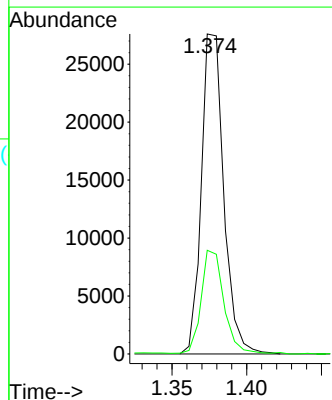
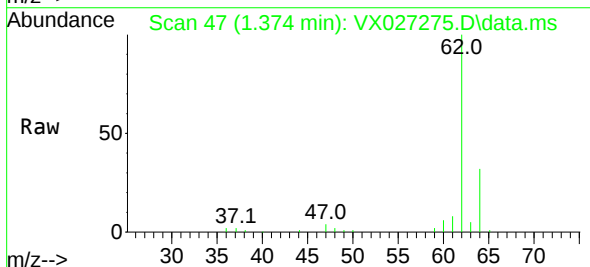
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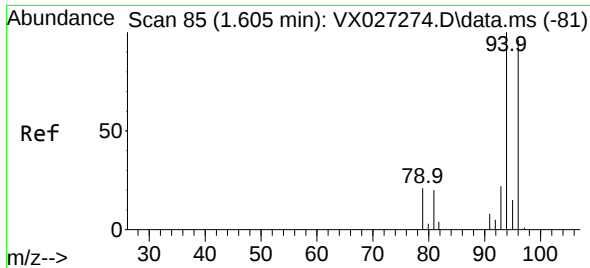
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#4
Vinyl Chloride
Concen: 46.688 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.006 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

Tgt Ion: 62 Resp: 28794
Ion Ratio Lower Upper
62 100
64 32.2 26.2 39.2





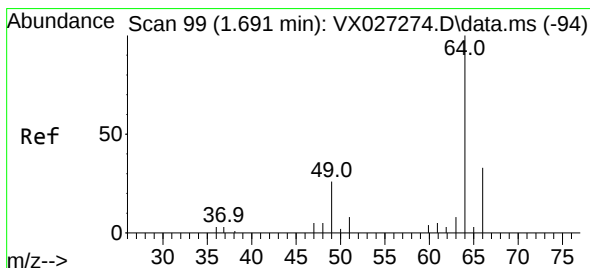
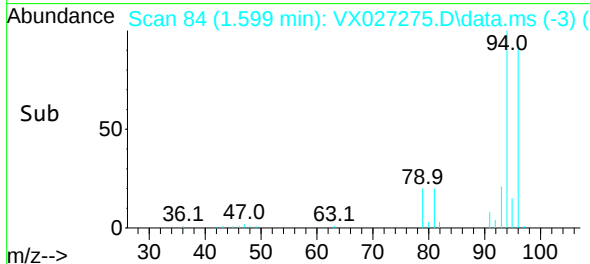
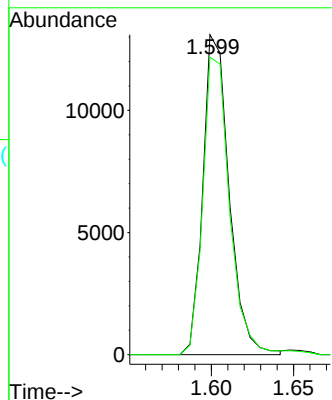
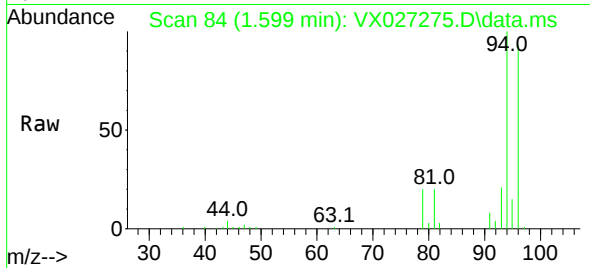
#5
Bromomethane
Concen: 49.185 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 94 Resp: 1456
Ion Ratio Lower Upper
94 100
96 93.0 77.0 115.6

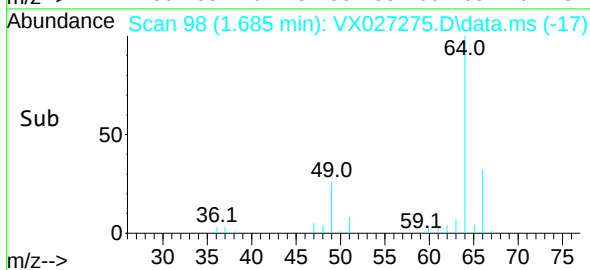
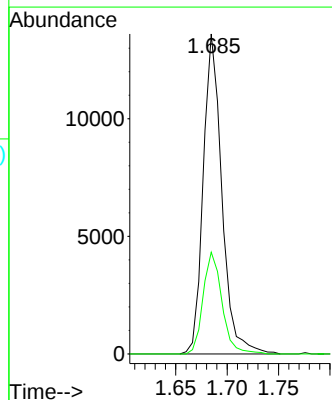
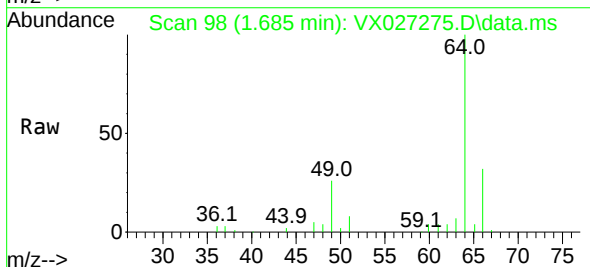
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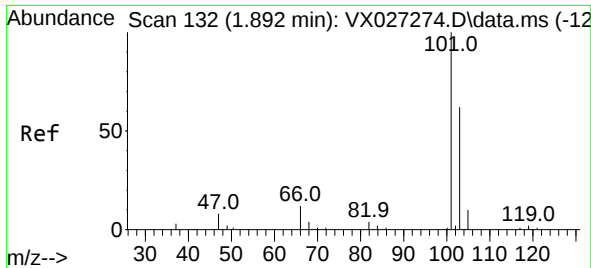
Reviewed By :John Carlone 03/04/2022
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#6
Chloroethane
Concen: 47.340 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

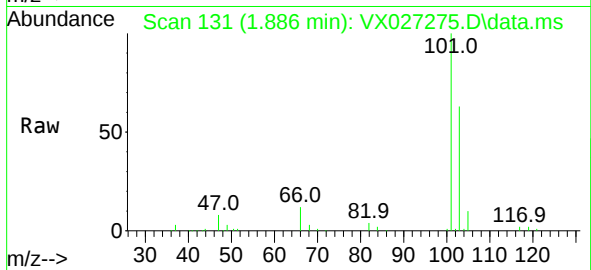
Tgt Ion: 64 Resp: 17210
Ion Ratio Lower Upper
64 100
66 31.8 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 51.278 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX027275.D
 Acq: 03 Mar 2022 17:06

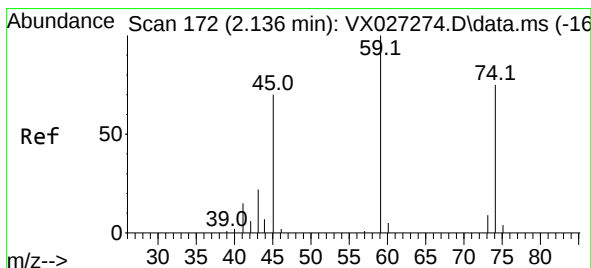
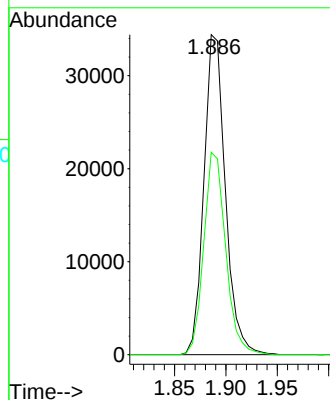
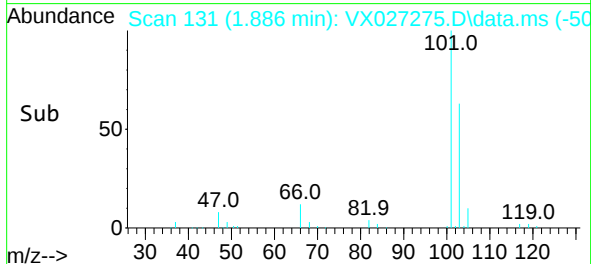
Instrument :
 MSVOA_X
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 VSTDIC050



Tgt Ion:101 Resp: 5003
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.6 74.4

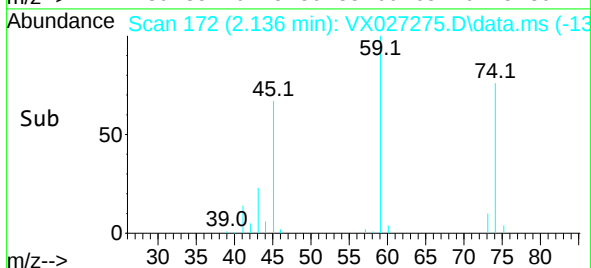
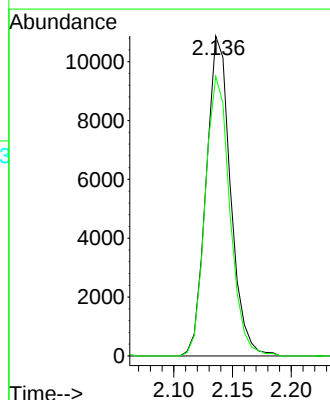
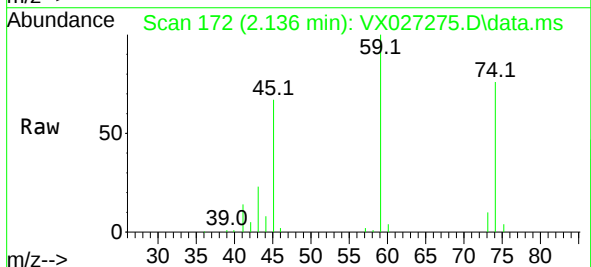
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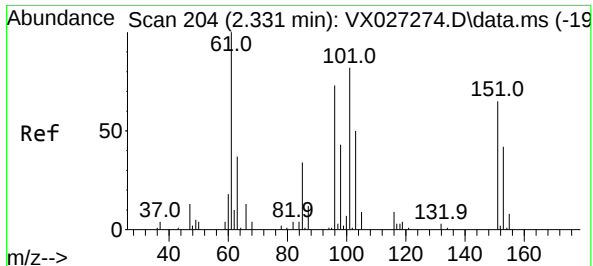
Reviewed By :John Carlone 03/04/2022
 Supervised By :Mahesh Dadoda 03/04/2022



#8
 Diethyl Ether
 Concen: 45.865 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX027275.D
 Acq: 03 Mar 2022 17:06

Tgt Ion: 74 Resp: 15683
 Ion Ratio Lower Upper
 74 100
 45 88.3 18.7 168.7





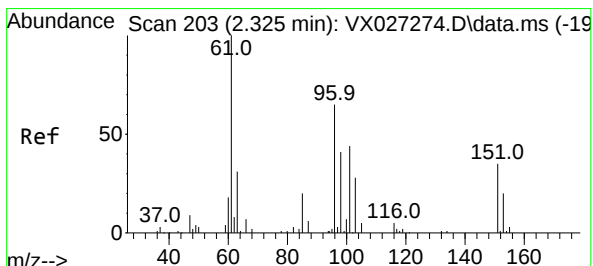
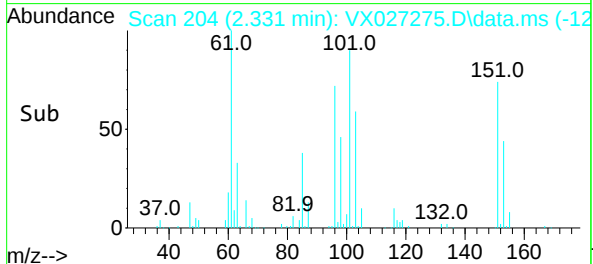
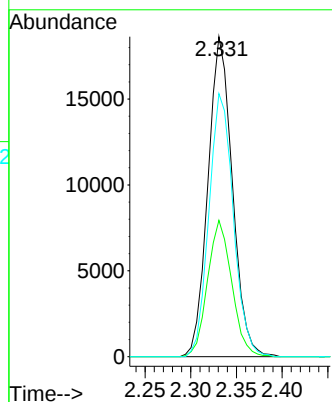
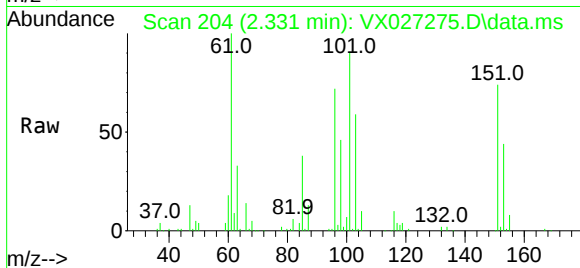
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.827 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 3460
Ion Ratio Lower Upper
101 100
85 42.2 0.0 84.6
151 82.3 0.0 165.4

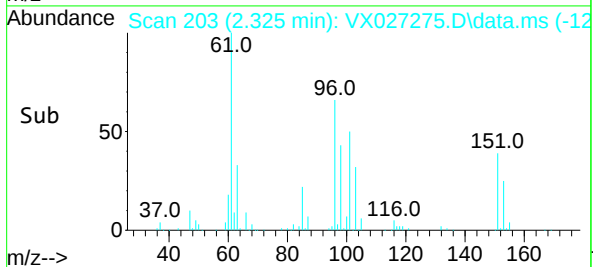
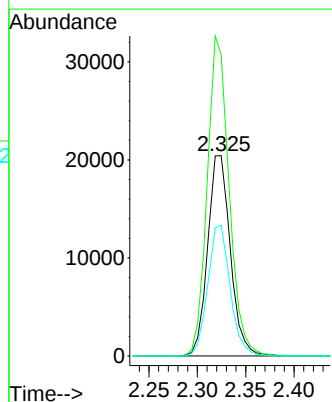
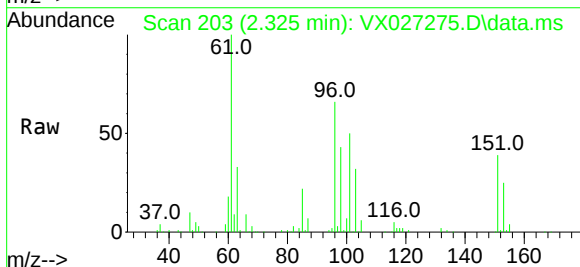
Manual Integrations
APPROVED

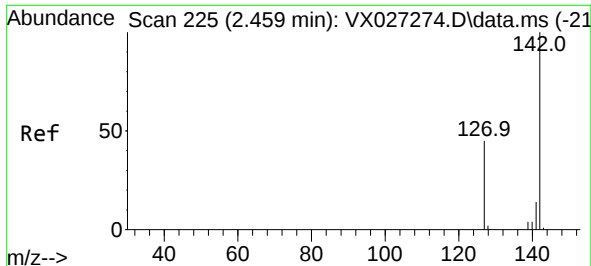
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#10
1,1-Dichloroethene
Concen: 50.311 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

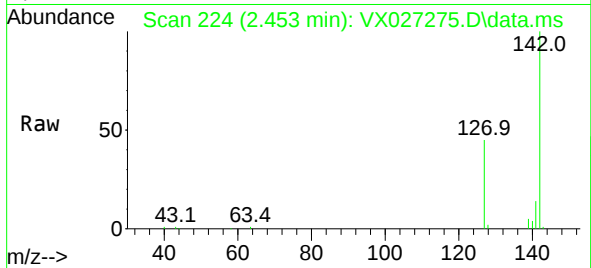
Tgt Ion: 96 Resp: 33403
Ion Ratio Lower Upper
96 100
61 150.4 122.6 183.8
98 65.4 50.1 75.1





#11
Methyl Iodide
Concen: 50.588 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

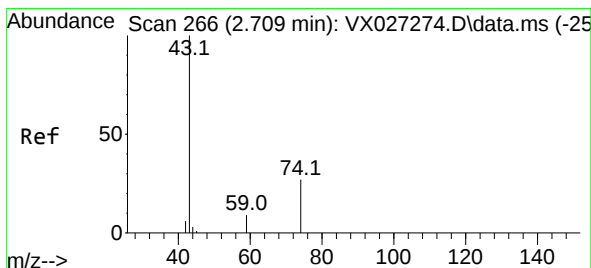
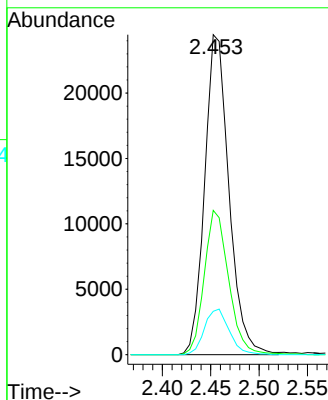
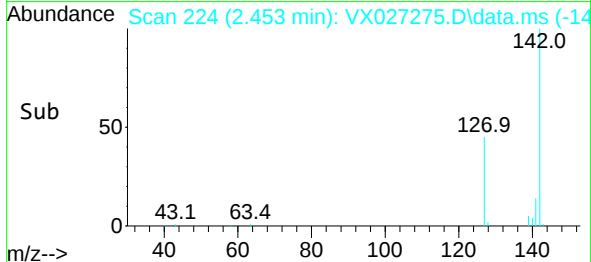
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:142 Resp: 4289
Ion Ratio Lower Upper
142 100
127 45.1 22.3 66.9
141 13.6 7.0 20.9

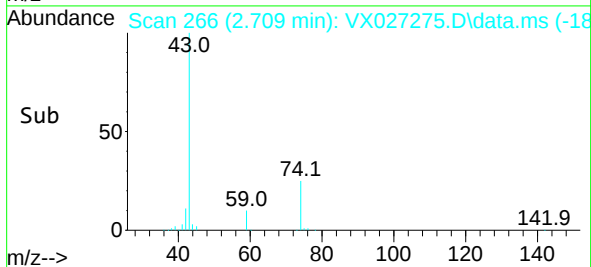
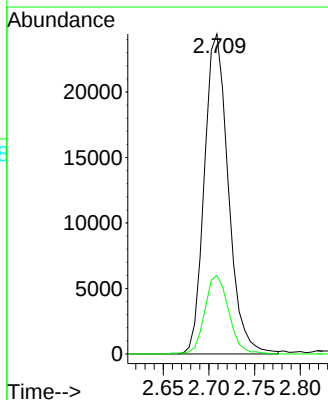
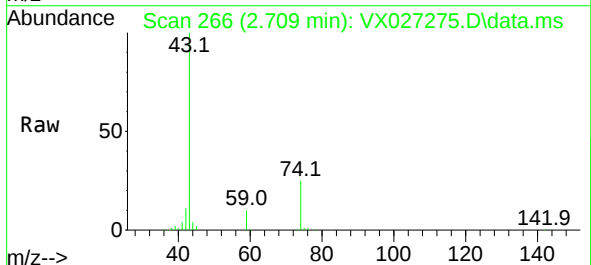
Manual Integrations
APPROVED

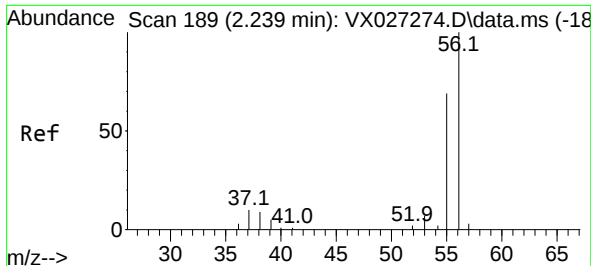
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#12
Methyl Acetate
Concen: 46.530 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

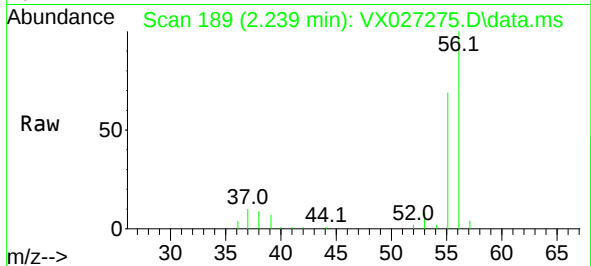
Tgt Ion: 43 Resp: 44494
Ion Ratio Lower Upper
43 100
74 24.5 22.1 33.1





#13
Acrolein
Concen: 225.273 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

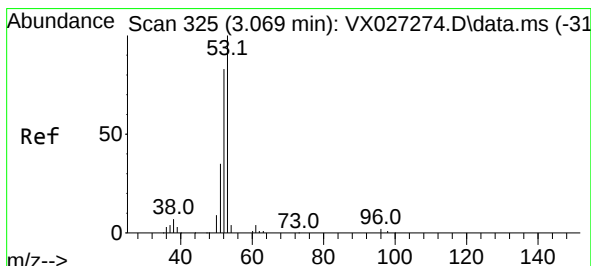
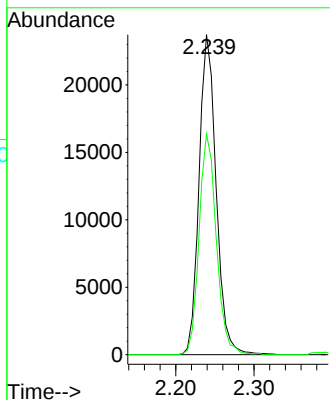
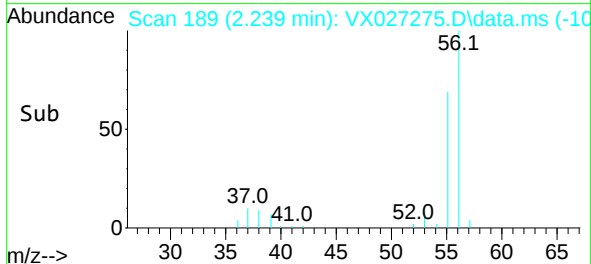
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



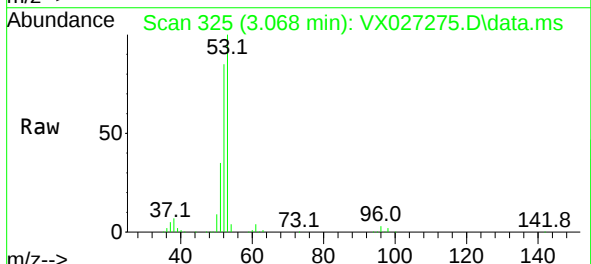
Tgt Ion: 56 Resp: 3600
Ion Ratio Lower Upper
56 100
55 69.5 56.4 84.6

Manual Integrations
APPROVED

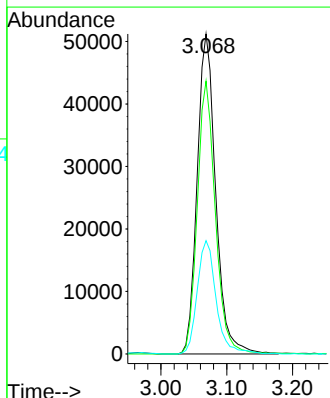
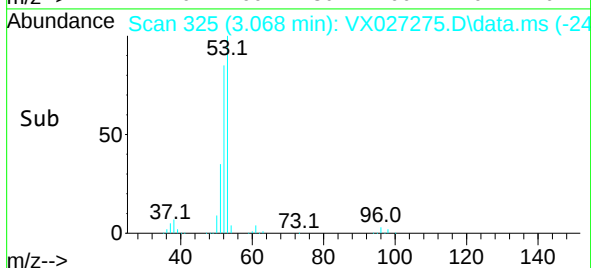
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

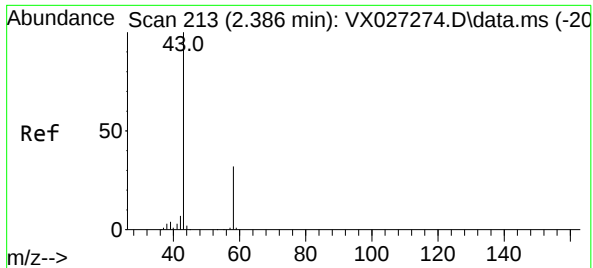


#14
Acrylonitrile
Concen: 239.082 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06



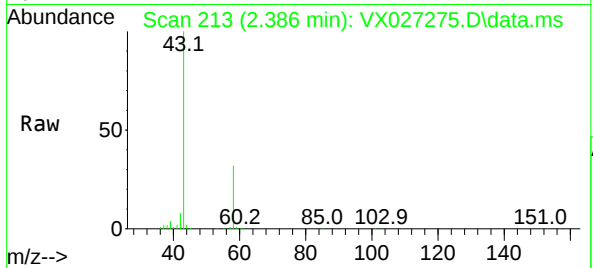
Tgt Ion: 53 Resp: 100466
Ion Ratio Lower Upper
53 100
52 83.1 41.5 124.5
51 36.1 18.1 54.4





#15
Acetone
Concen: 248.622 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

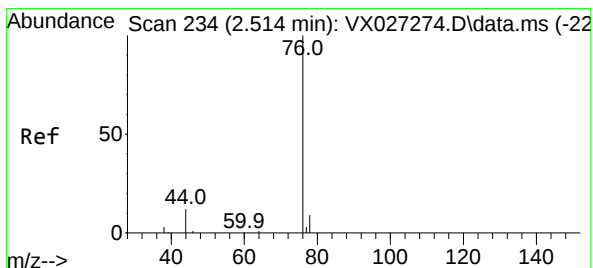
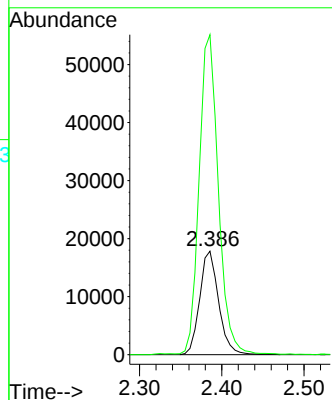
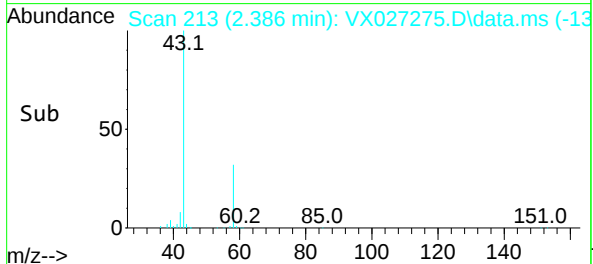
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 58 Resp: 28544
Ion Ratio Lower Upper
58 100
43 308.8 250.2 375.2

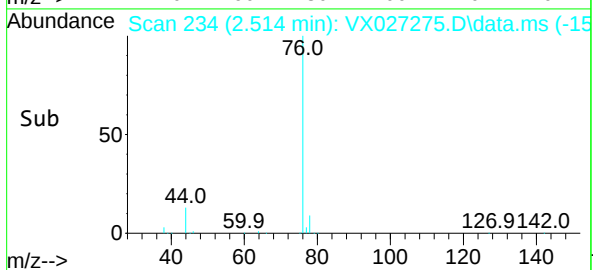
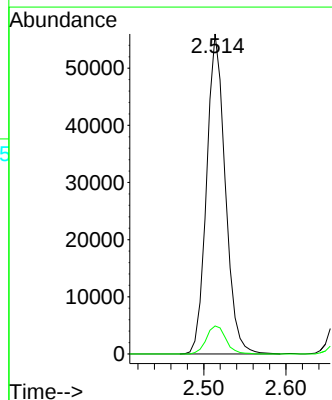
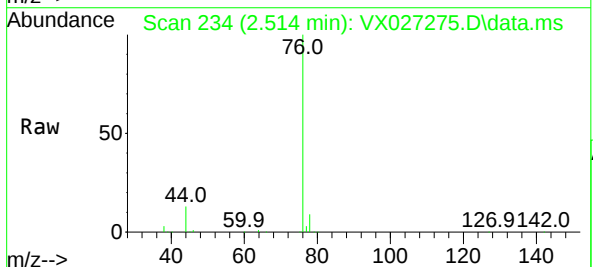
Manual Integrations
APPROVED

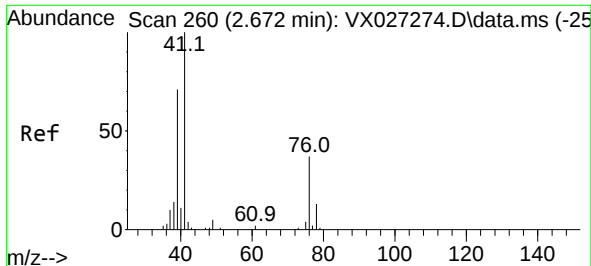
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#16
Carbon Disulfide
Concen: 50.483 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

Tgt Ion: 76 Resp: 88427
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7





#17

Allyl chloride

Concen: 47.766 ug/l

RT: 2.666 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX027275.D

Acq: 03 Mar 2022 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

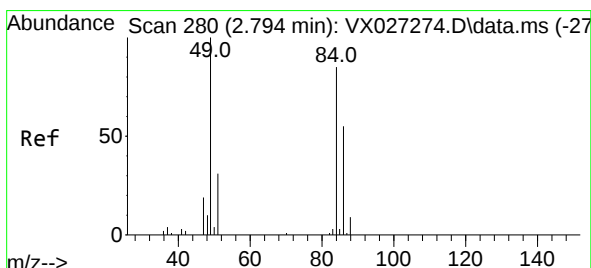
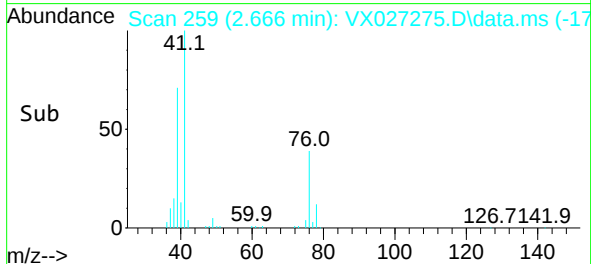
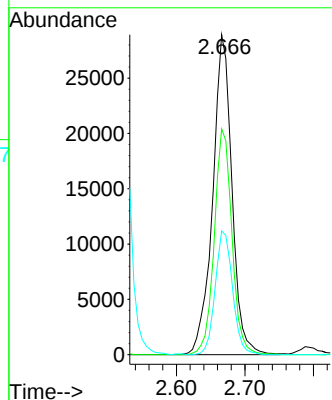
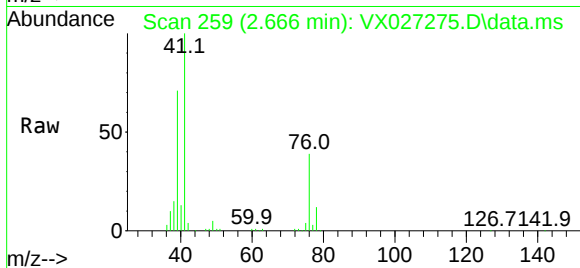
Tgt Ion: 41	Resp: 5648
Ion Ratio	Lower Upper
41 100	
39 70.5	35.4 106.1
76 38.7	18.4 55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#18

Methylene Chloride

Concen: 49.444 ug/l

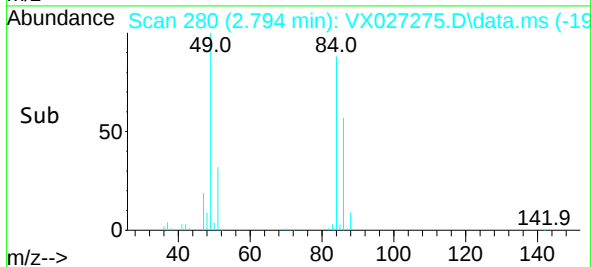
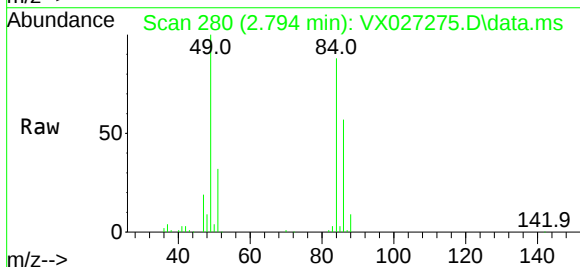
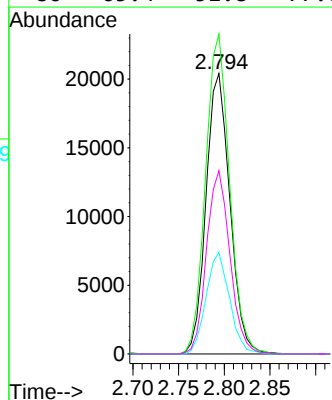
RT: 2.794 min Scan# 280

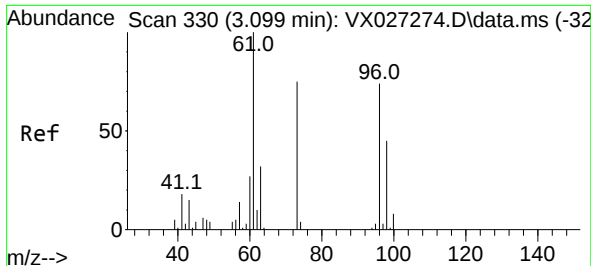
Delta R.T. -0.000 min

Lab File: VX027275.D

Acq: 03 Mar 2022 17:06

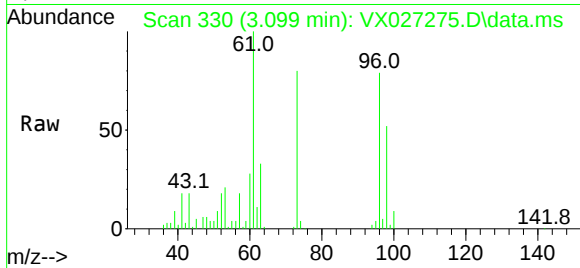
Tgt Ion: 84	Resp: 37115
Ion Ratio	Lower Upper
84 100	
49 114.1	94.2 141.2
51 36.2	29.2 43.8
86 65.4	51.8 77.6





#19
trans-1,2-Dichloroethene
Concen: 50.206 ug/l
RT: 3.099 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

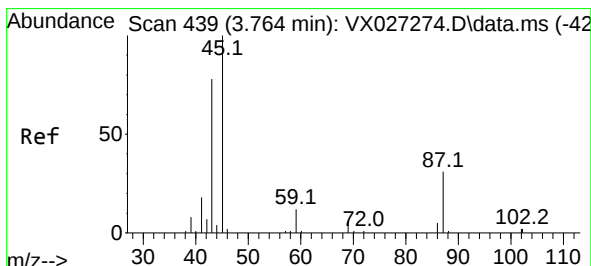
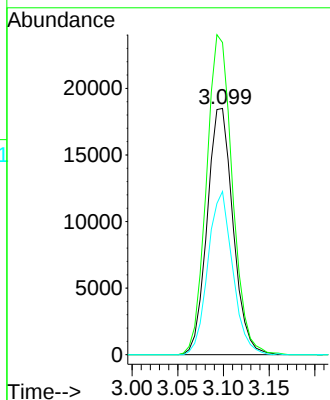
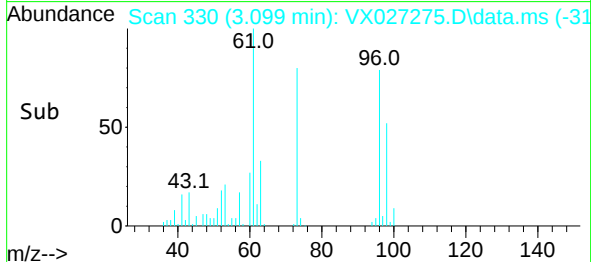
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 96 Resp: 3642
Ion Ratio Lower Upper
96 100
61 126.8 108.7 163.1
98 66.3 49.2 73.8

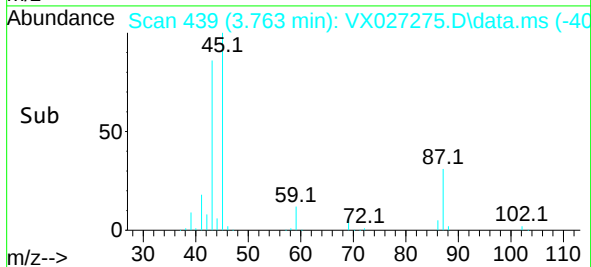
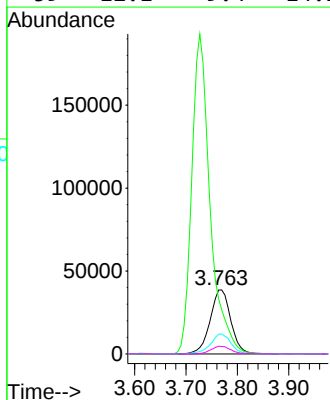
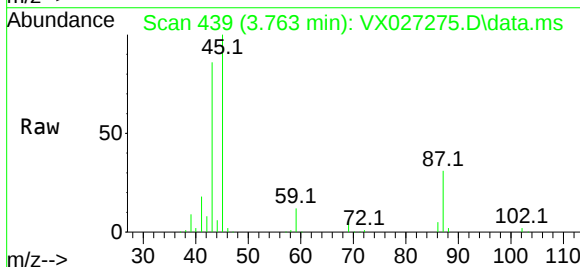
Manual Integrations
APPROVED

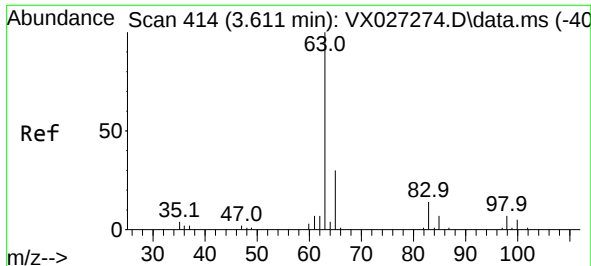
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#20
Diisopropyl ether
Concen: 46.696 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

Tgt Ion: 45 Resp: 107937
Ion Ratio Lower Upper
45 100
43 85.4 70.3 105.5
87 30.8 24.5 36.7
59 12.1 9.4 14.2





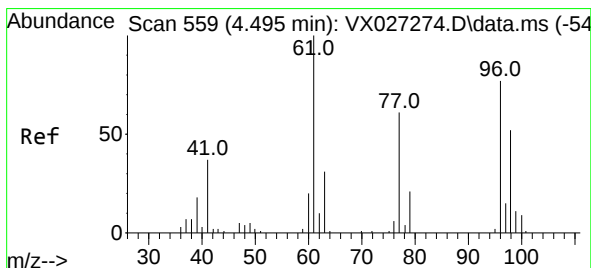
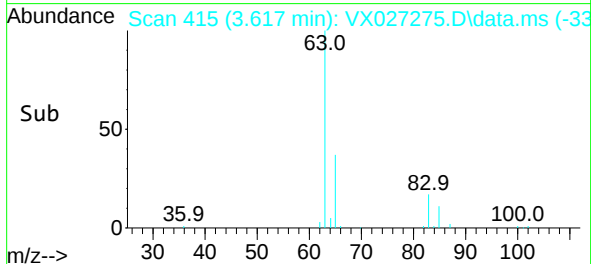
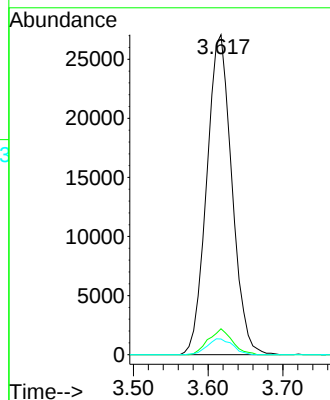
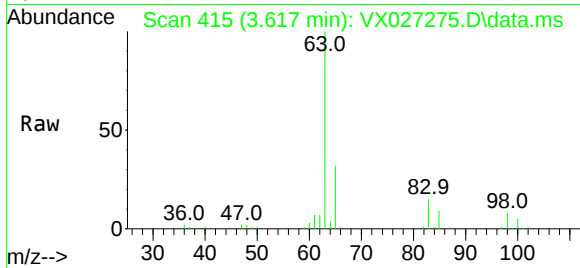
#21
1,1-Dichloroethane
Concen: 48.578 ug/l
RT: 3.617 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 63275
Ion Ratio Lower Upper
63 100
98 8.1 3.8 11.2
100 4.9 2.5 7.5

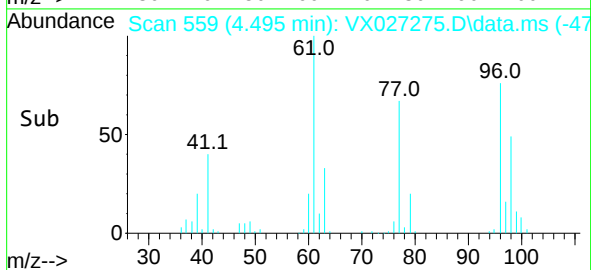
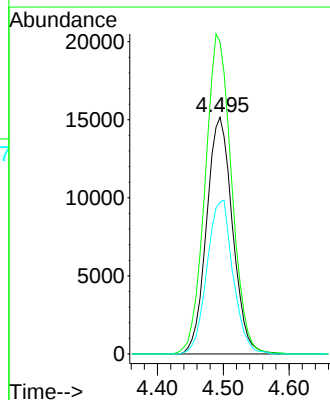
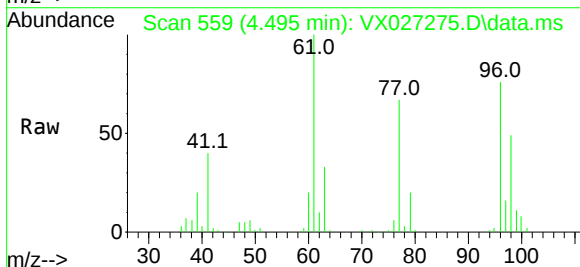
Manual Integrations
APPROVED

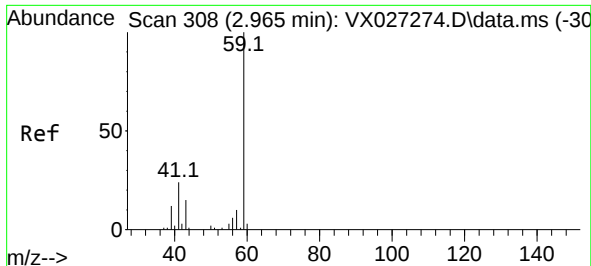
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#22
cis-1,2-Dichloroethene
Concen: 49.904 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

Tgt Ion: 96 Resp: 41631
Ion Ratio Lower Upper
96 100
61 137.7 107.4 161.2
98 65.3 51.1 76.7





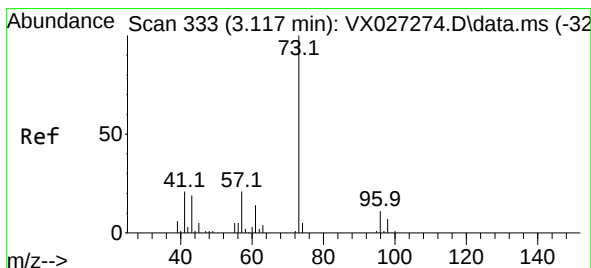
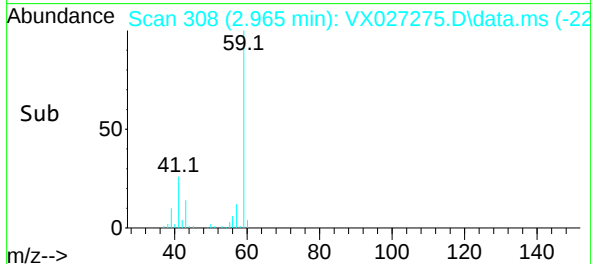
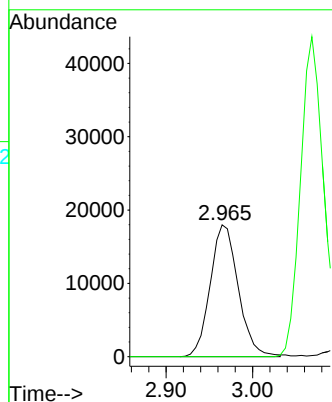
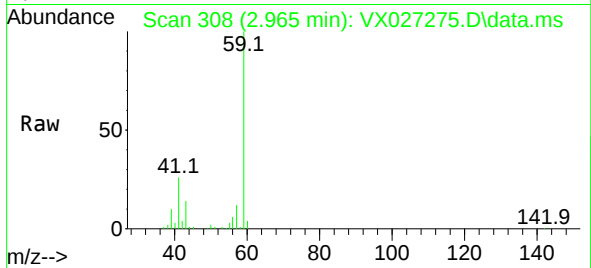
#23
tert-Butyl Alcohol
Concen: 245.695 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 59 Resp: 40405
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

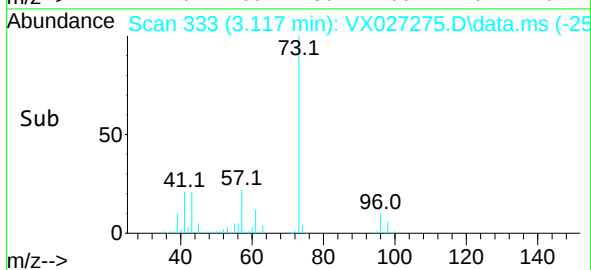
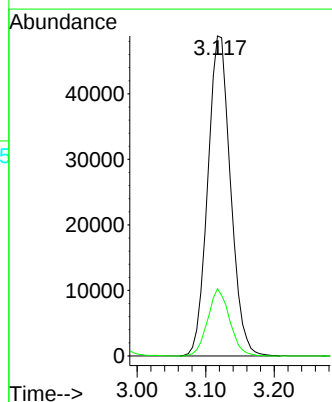
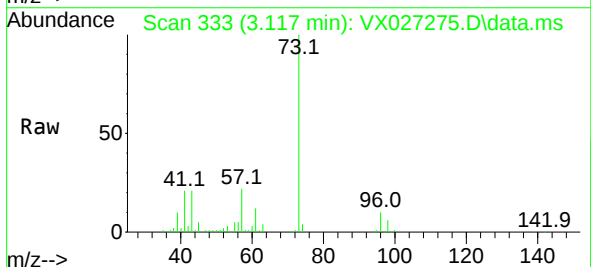
Manual Integrations
APPROVED

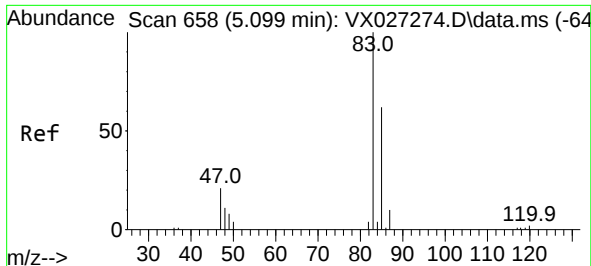
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#24
Methyl tert-Butyl Ether
Concen: 48.735 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

Tgt Ion: 73 Resp: 112829
Ion Ratio Lower Upper
73 100
43 20.2 16.0 24.0





#25

Chloroform

Concen: 49.712 ug/l

RT: 5.099 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX027275.D

Acq: 03 Mar 2022 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 83 Resp: 6683

Ion Ratio Lower Upper

83 100

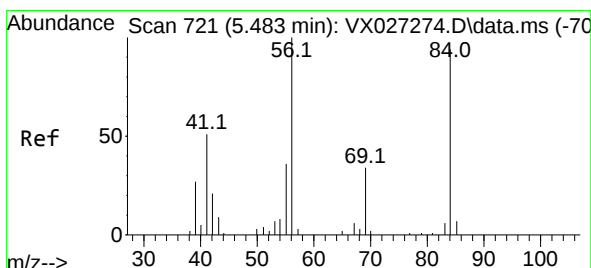
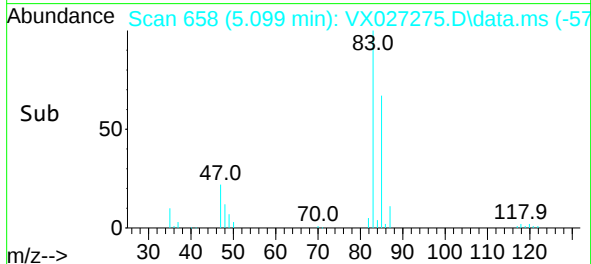
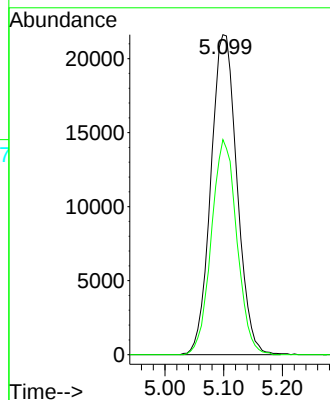
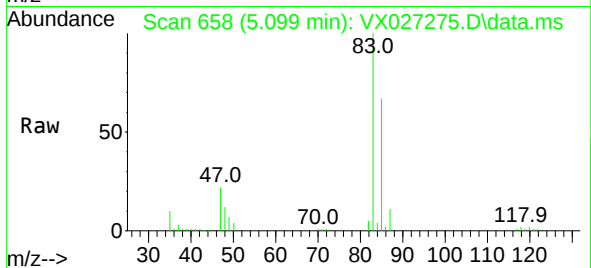
85 67.2 49.9 74.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#26

Cyclohexane

Concen: 48.328 ug/l

RT: 5.476 min Scan# 720

Delta R.T. -0.006 min

Lab File: VX027275.D

Acq: 03 Mar 2022 17:06

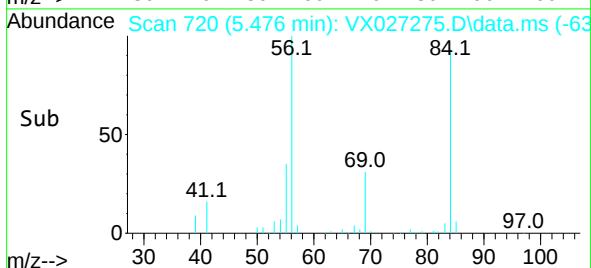
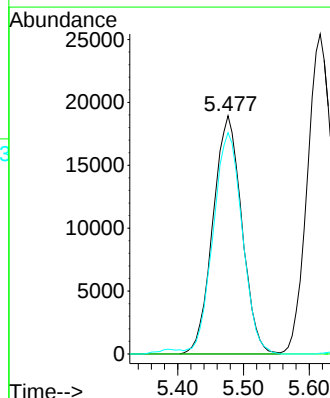
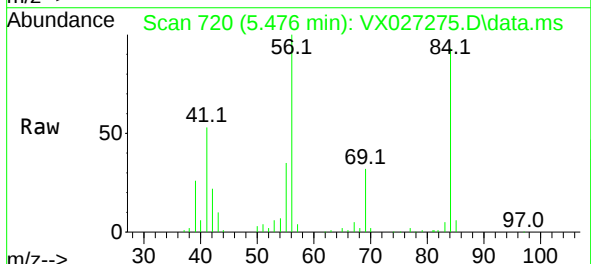
Tgt Ion: 56 Resp: 57850

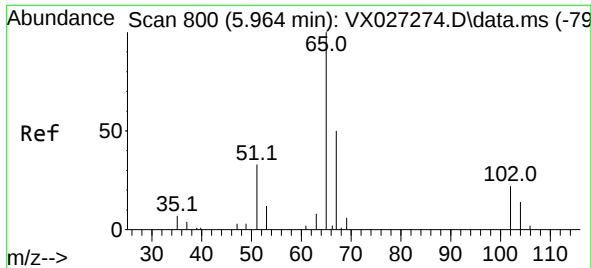
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 94.0 76.2 114.2





#27

1,2-Dichloroethane-d4

Concen: 28.868 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX027275.D

Acq: 03 Mar 2022 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 65 Resp: 23910

Ion Ratio Lower Upper

65 100

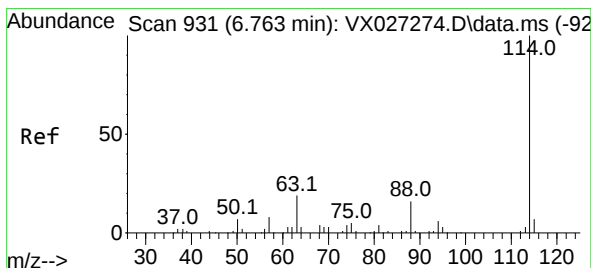
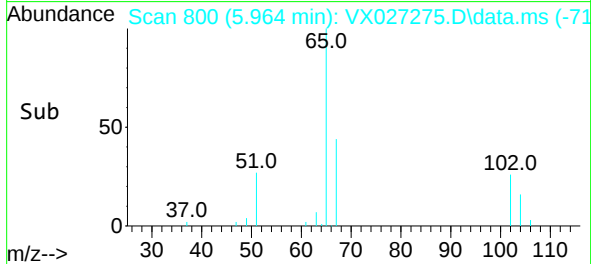
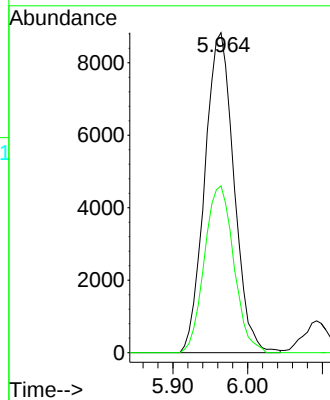
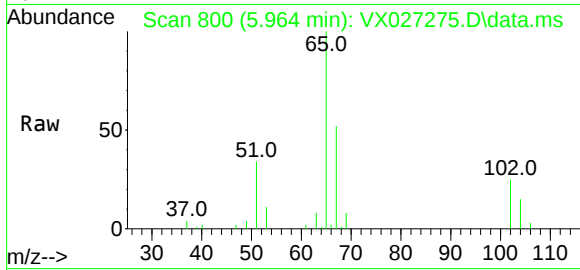
67 52.4 42.3 63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX027275.D

Acq: 03 Mar 2022 17:06

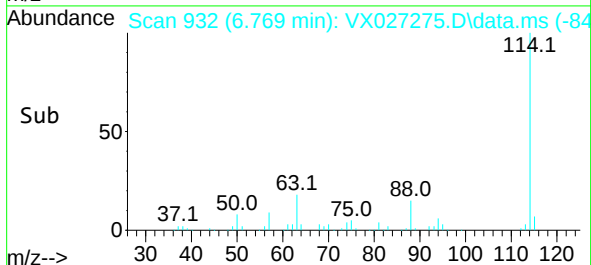
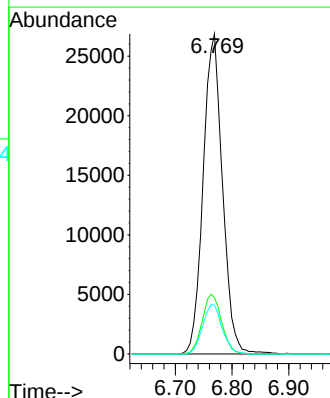
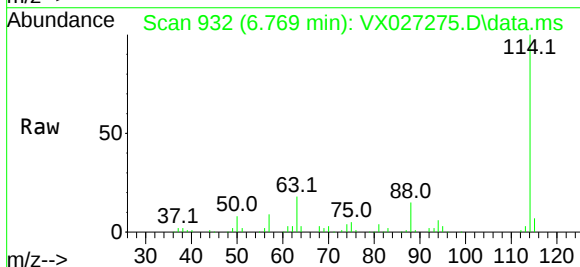
Tgt Ion:114 Resp: 63530

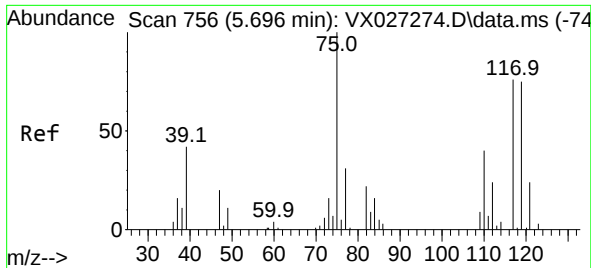
Ion Ratio Lower Upper

114 100

63 18.7 15.3 22.9

88 15.6 12.2 18.4





#29
1,1-Dichloropropene
Concen: 50.440 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

Instrument :

MSVOA_X

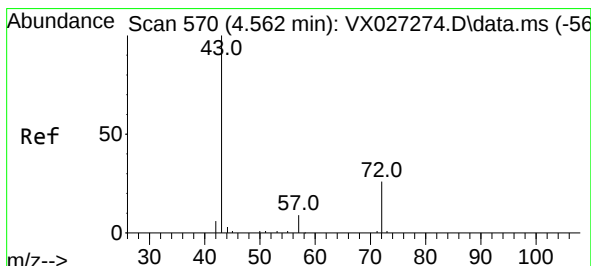
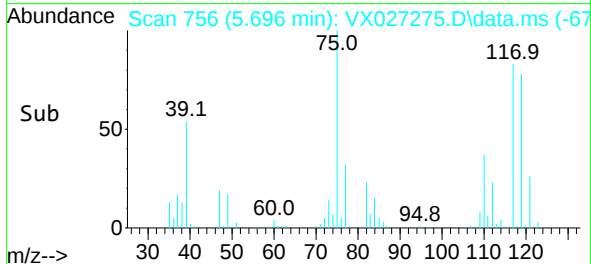
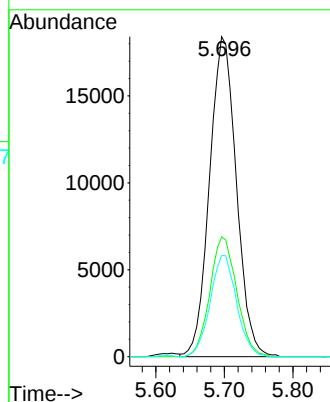
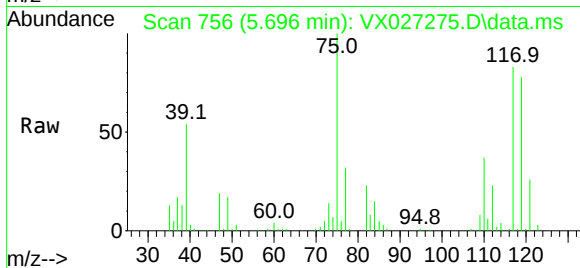
ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 5006
Ion Ratio Lower Upper
75 100
110 37.5 0.0 73.6
77 31.1 0.0 62.2

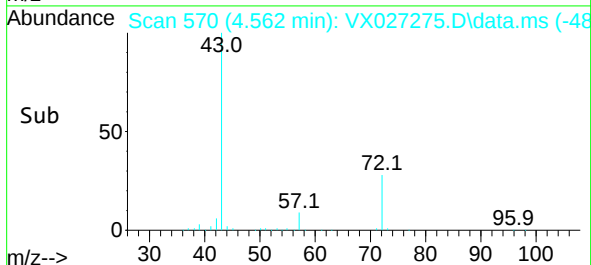
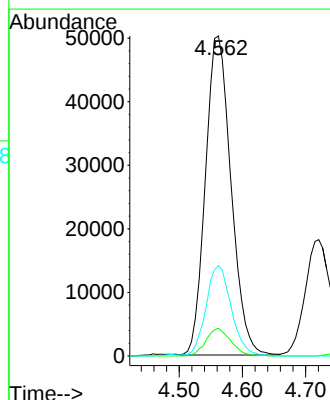
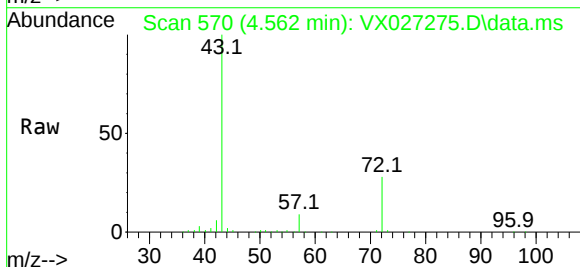
Manual Integrations
APPROVED

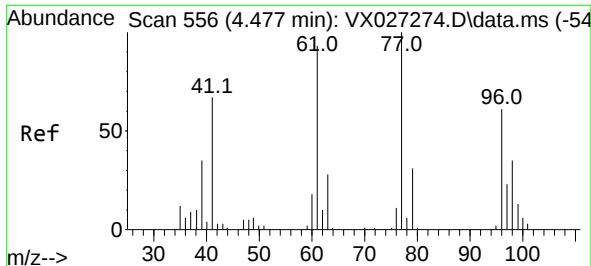
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#30
2-Butanone
Concen: 239.980 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

Tgt Ion: 43 Resp: 141219
Ion Ratio Lower Upper
43 100
57 8.4 6.6 10.0
72 28.0 22.1 33.1





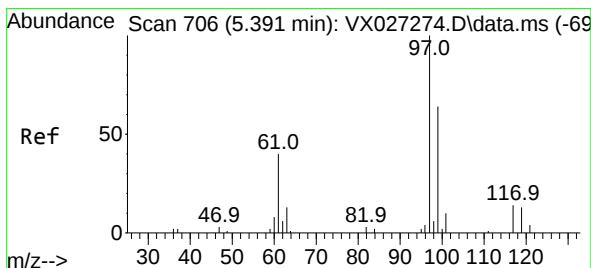
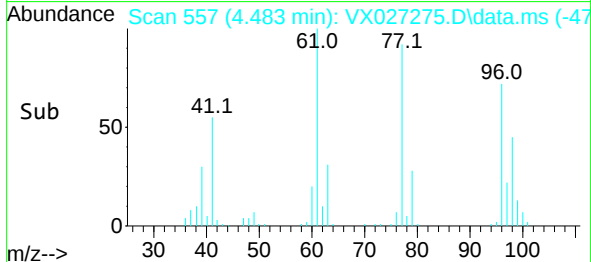
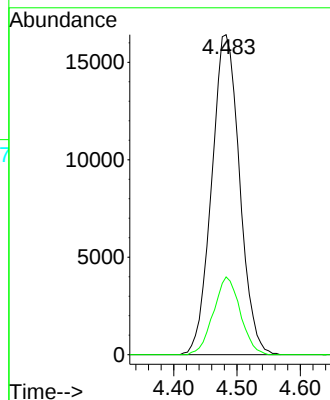
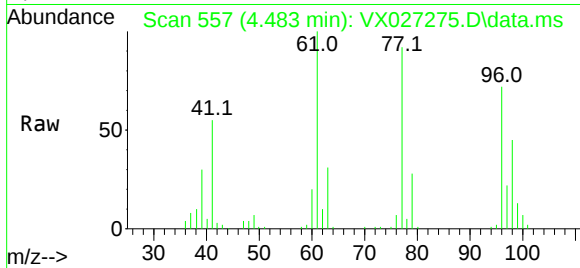
#31
2,2-Dichloropropane
Concen: 55.910 ug/l
RT: 4.483 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 77 Resp: 5037
Ion Ratio Lower Upper
77 100
97 23.3 18.4 27.6

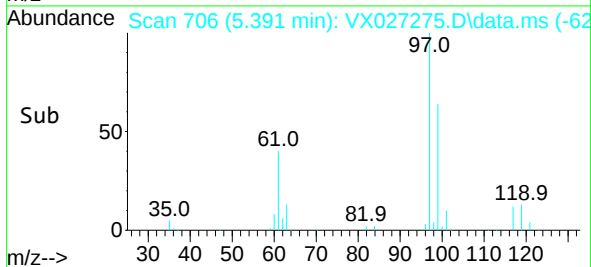
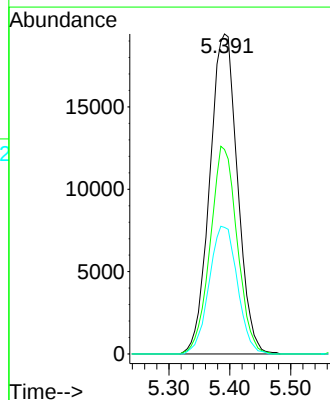
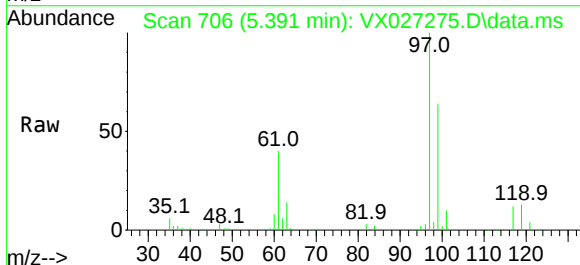
Manual Integrations
APPROVED

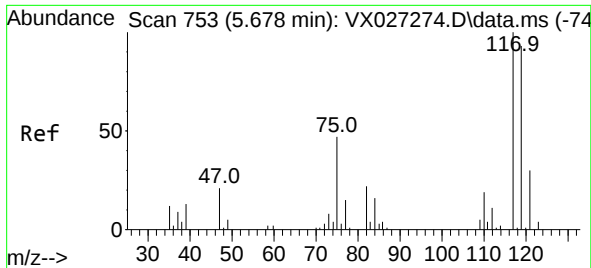
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#32
1,1,1-Trichloroethane
Concen: 51.993 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

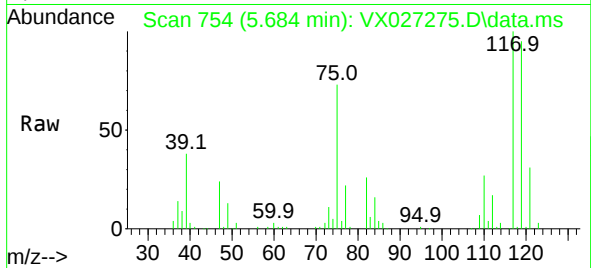
Tgt Ion: 97 Resp: 61582
Ion Ratio Lower Upper
97 100
99 63.0 51.8 77.8
61 40.5 33.4 50.0





#33
Carbon Tetrachloride
Concen: 53.055 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

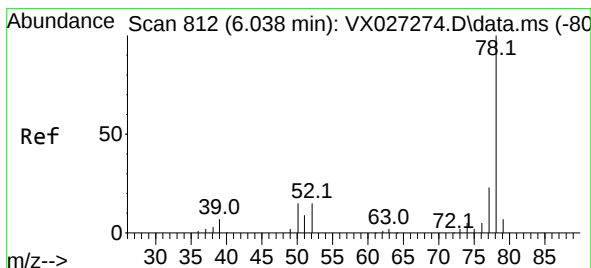
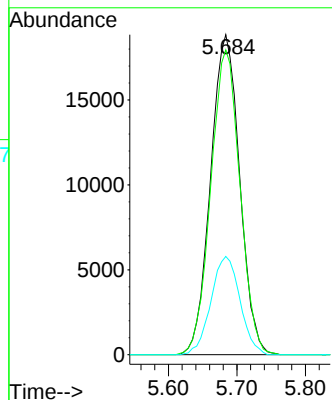
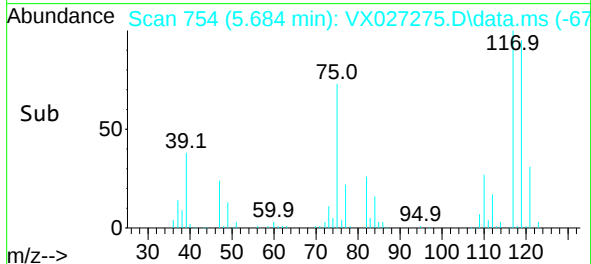
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:117 Resp: 55499
Ion Ratio Lower Upper
117 100
119 95.2 75.3 112.9
121 30.7 24.1 36.1

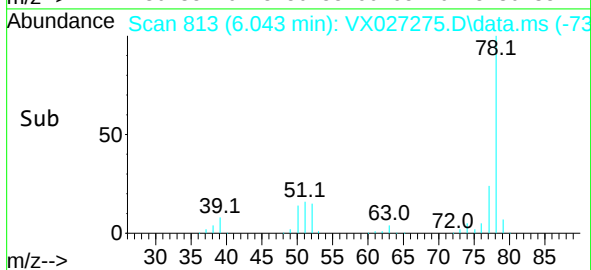
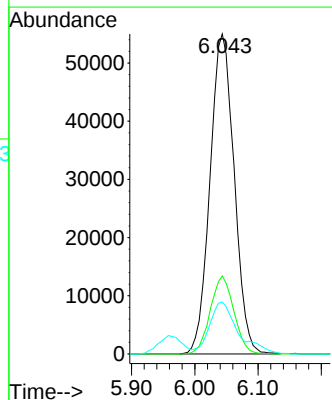
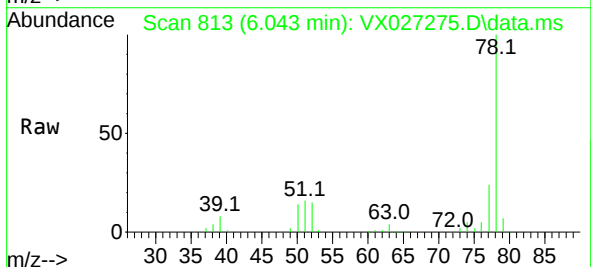
Manual Integrations
APPROVED

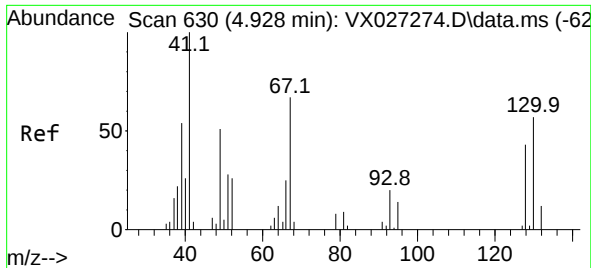
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#34
Benzene
Concen: 50.042 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

Tgt Ion: 78 Resp: 146107
Ion Ratio Lower Upper
78 100
77 24.4 18.5 27.7
51 16.1 12.9 19.3





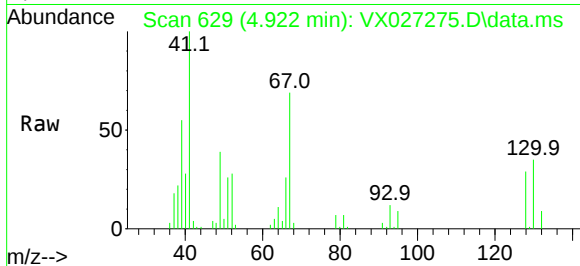
#35
Methacrylonitrile
Concen: 48.223 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050



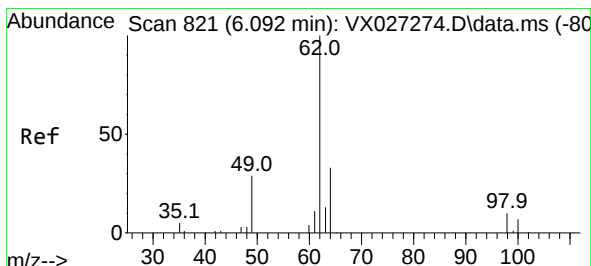
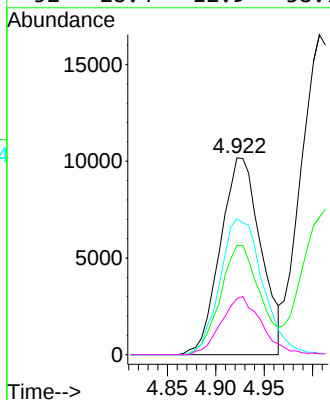
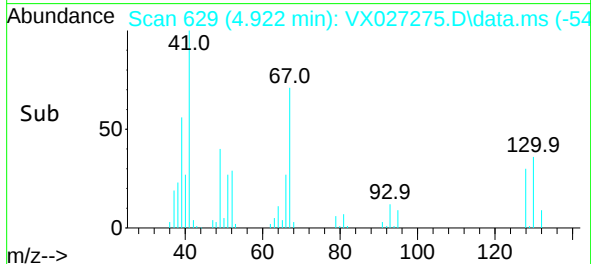
Tgt Ion: 41 Resp: 2956
Ion Ratio Lower Upper
41 100
39 55.4 27.0 81.0
67 69.0 33.3 99.8
52 28.4 12.9 38.7

Manual Integrations

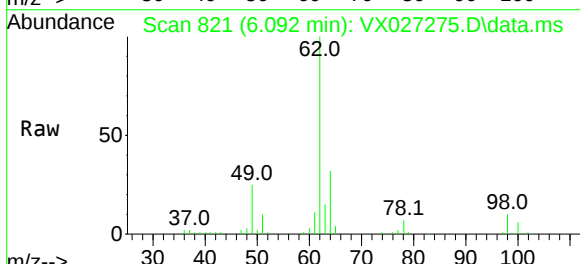
APPROVED

Reviewed By :John Carlone 03/04/2022

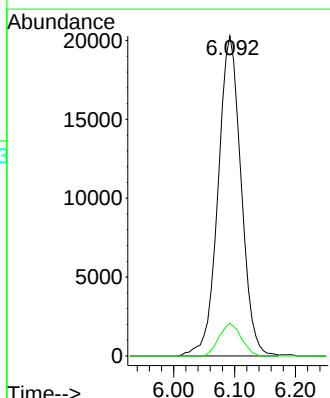
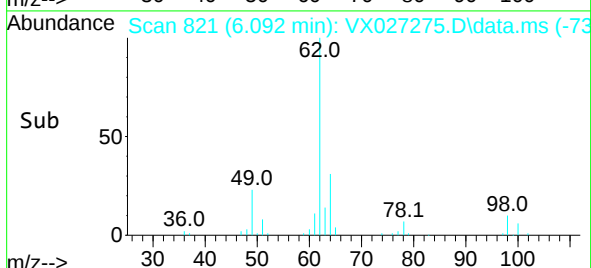
Supervised By :Mahesh Dadoda 03/04/2022

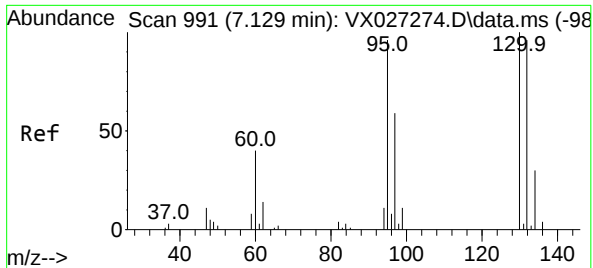


#36
1,2-Dichloroethane
Concen: 50.636 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06



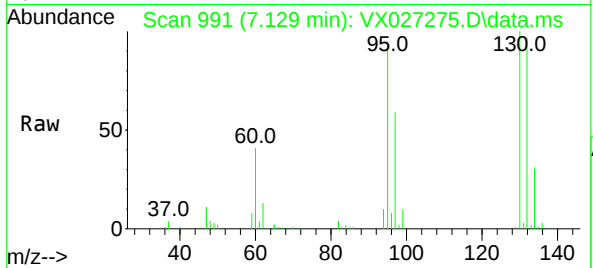
Tgt Ion: 62 Resp: 53305
Ion Ratio Lower Upper
62 100
98 9.8 7.4 11.0





#37
Trichloroethene
Concen: 50.722 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

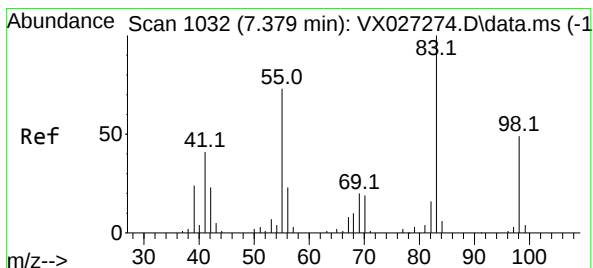
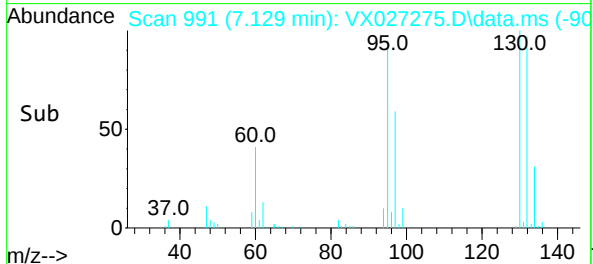
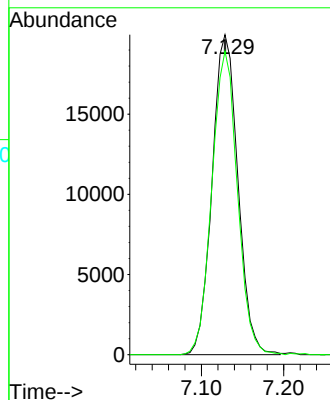
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:130 Resp: 43524
Ion Ratio Lower Upper
130 100
95 94.8 76.5 114.7

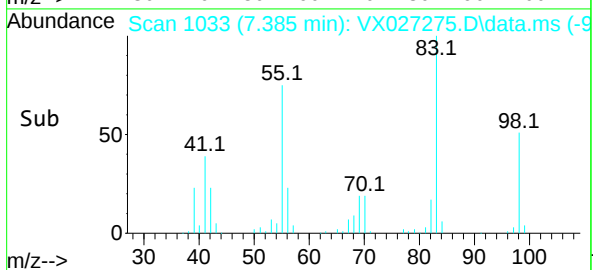
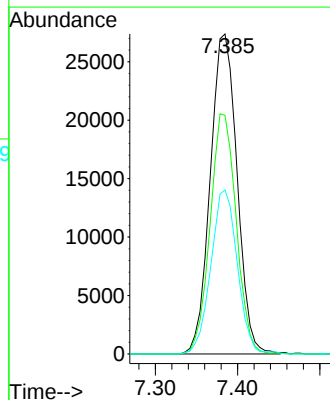
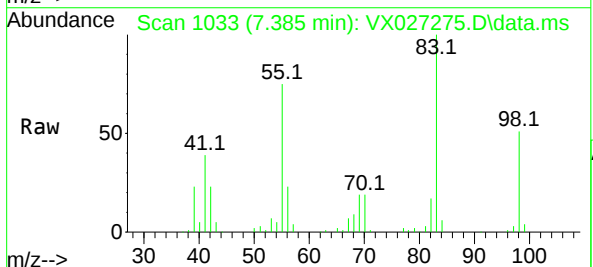
Manual Integrations
APPROVED

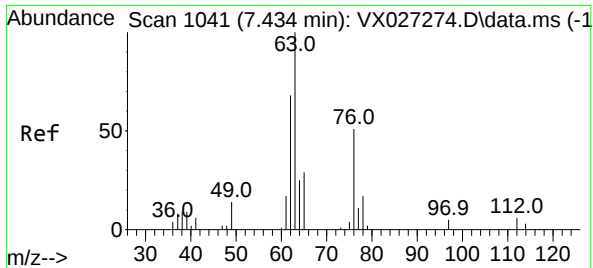
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#38
Methylcyclohexane
Concen: 50.781 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

Tgt Ion: 83 Resp: 62097
Ion Ratio Lower Upper
83 100
55 73.0 37.0 110.9
98 50.4 25.9 77.8





#39

1,2-Dichloropropane

Concen: 48.580 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX027275.D

Acq: 03 Mar 2022 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 63 Resp: 3547

Ion Ratio Lower Upper

63 100

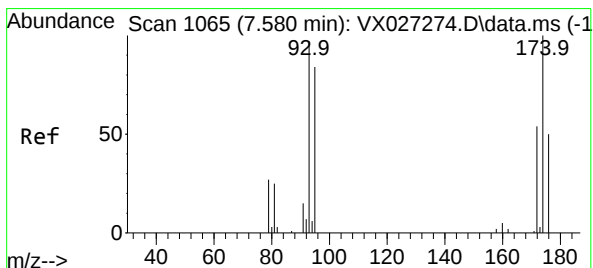
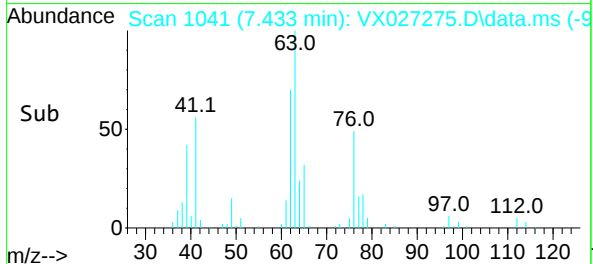
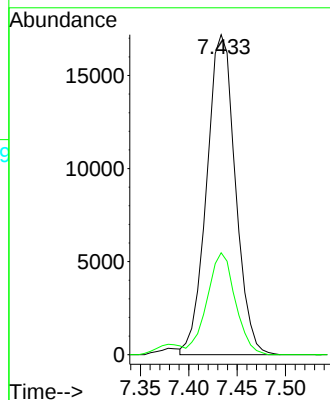
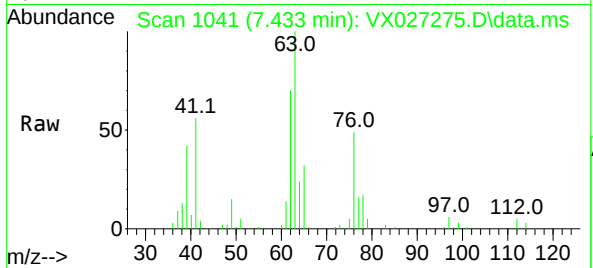
65 31.9 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#40

Dibromomethane

Concen: 50.490 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX027275.D

Acq: 03 Mar 2022 17:06

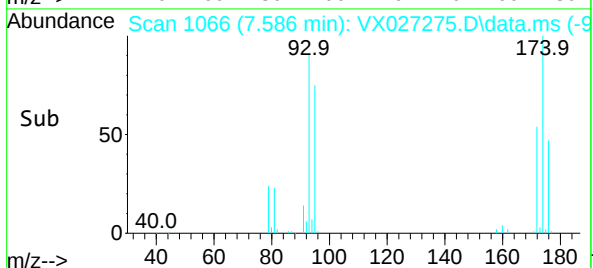
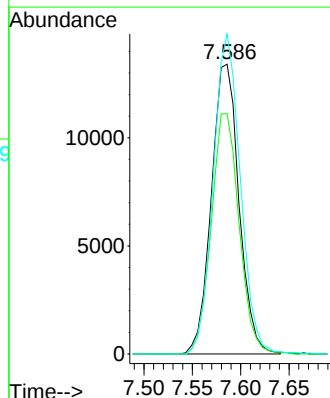
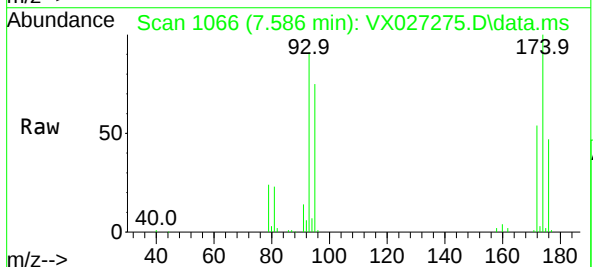
Tgt Ion: 93 Resp: 26608

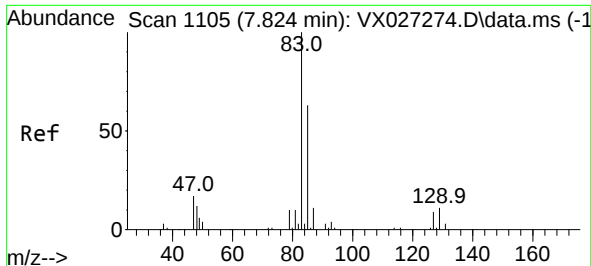
Ion Ratio Lower Upper

93 100

95 83.6 0.0 168.8

174 108.3 0.0 220.8





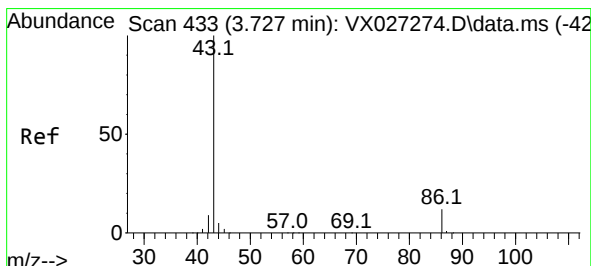
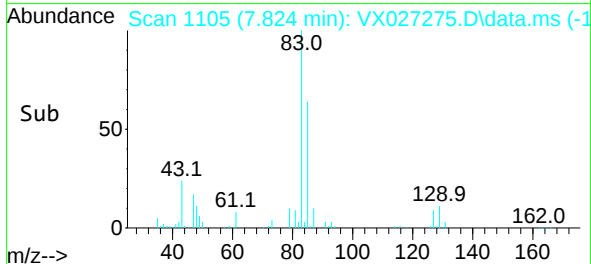
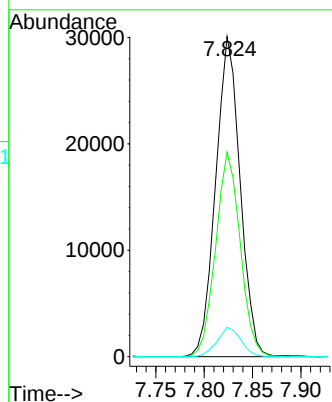
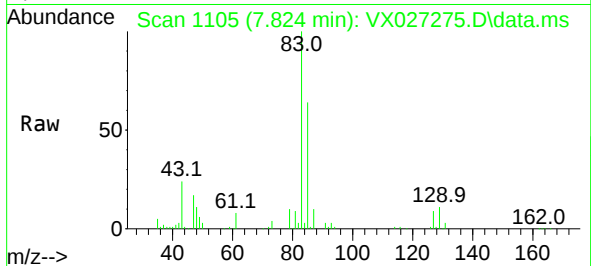
#41
Bromodichloromethane
Concen: 52.814 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 52868
Ion Ratio Lower Upper
83 100
85 63.9 50.6 75.8
127 9.2 7.0 10.6

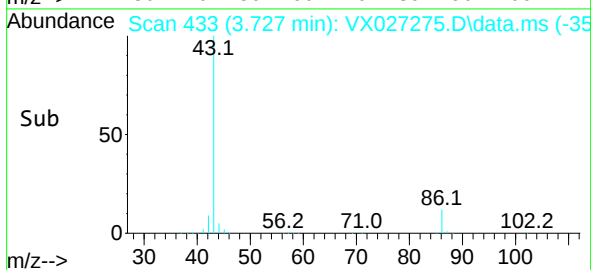
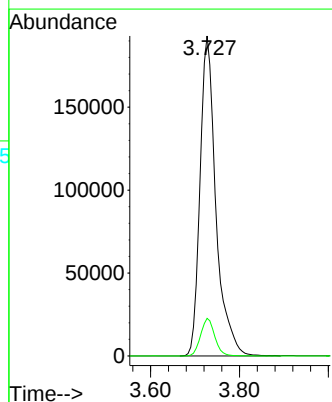
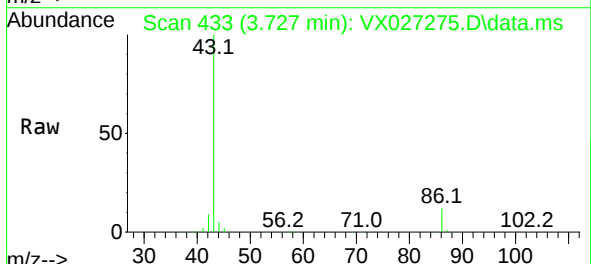
Manual Integrations
APPROVED

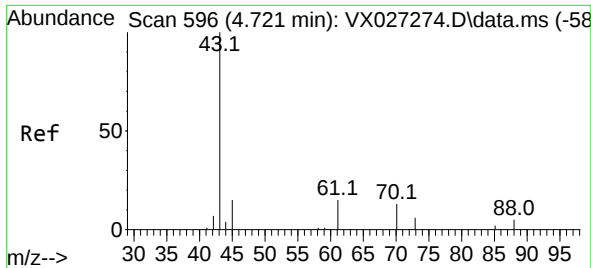
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#42
Vinyl Acetate
Concen: 240.099 ug/l
RT: 3.727 min Scan# 433
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

Tgt Ion: 43 Resp: 479487
Ion Ratio Lower Upper
43 100
86 10.4 8.5 12.7





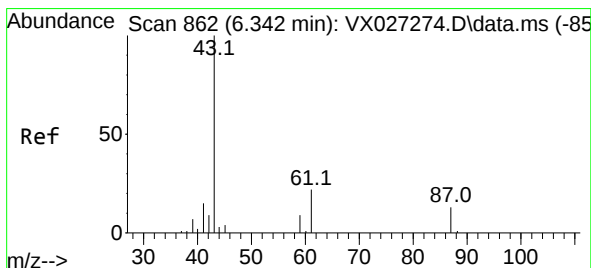
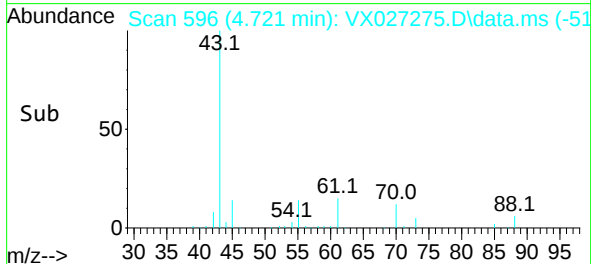
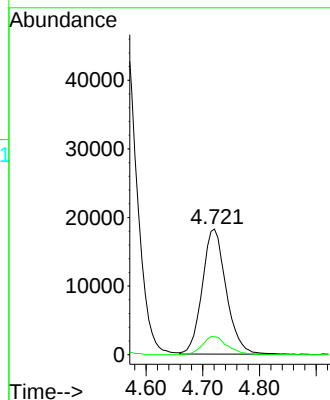
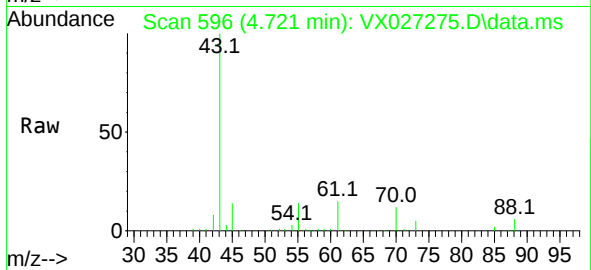
#43
Ethyl Acetate
Concen: 47.836 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 43 Resp: 5335
Ion Ratio Lower Upper
43 100
45 15.1 11.8 17.6

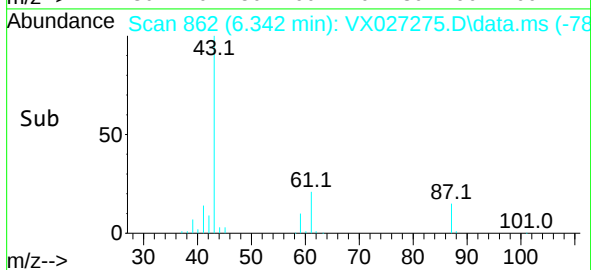
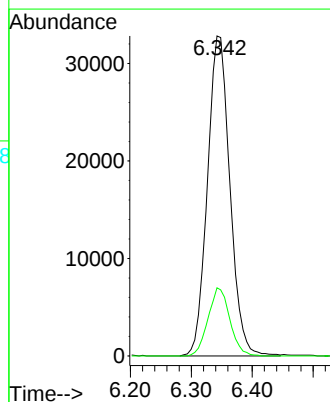
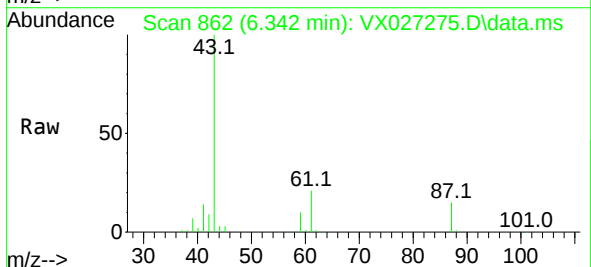
Manual Integrations
APPROVED

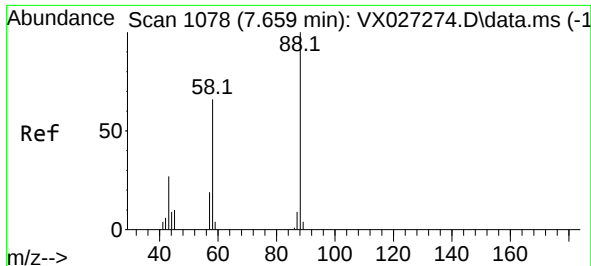
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#44
Isopropyl Acetate
Concen: 48.473 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

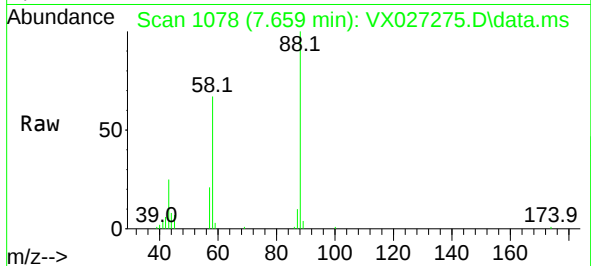
Tgt Ion: 43 Resp: 84191
Ion Ratio Lower Upper
43 100
61 20.6 17.0 25.4





#45
1,4-Dioxane
Concen: 1081.587 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

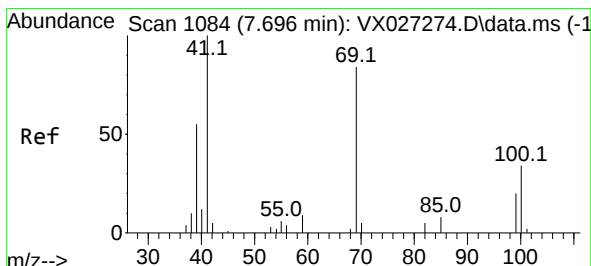
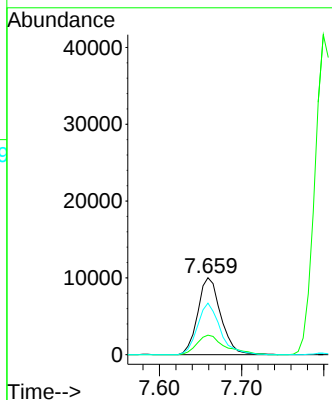
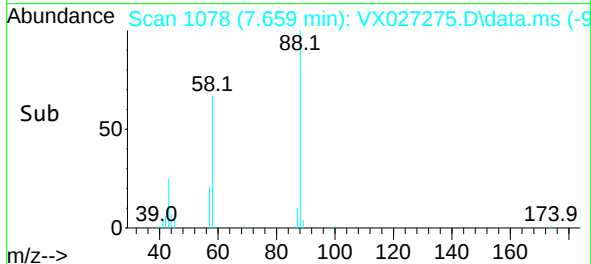
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



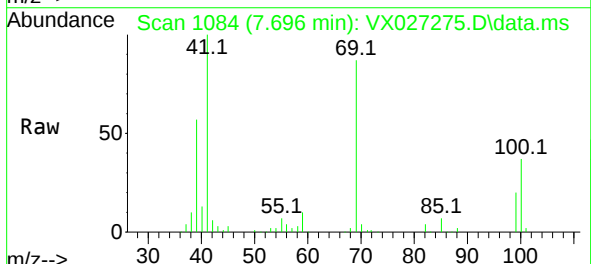
Tgt Ion: 88 Resp: 19468
Ion Ratio Lower Upper
88 100
43 30.8 25.8 38.6
58 66.1 54.8 82.2

Manual Integrations
APPROVED

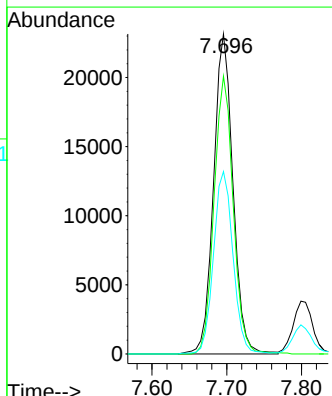
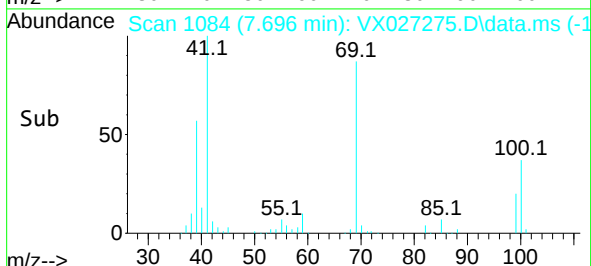
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

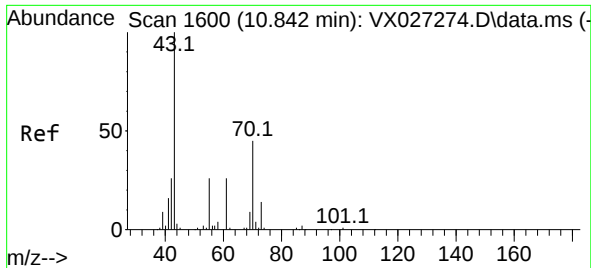


#46
Methyl methacrylate
Concen: 48.811 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06



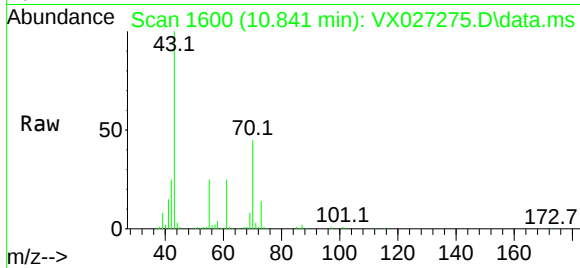
Tgt Ion: 41 Resp: 41658
Ion Ratio Lower Upper
41 100
69 86.8 41.9 125.8
39 57.0 27.5 82.5





#47
n-amy1 Acetate
Concen: 50.882 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

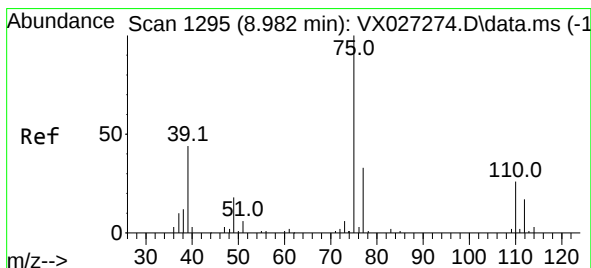
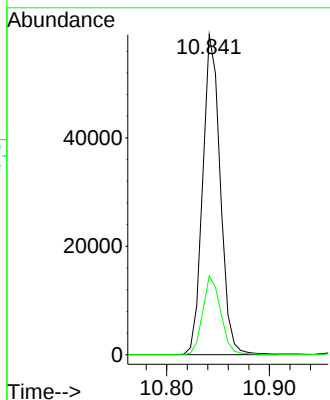
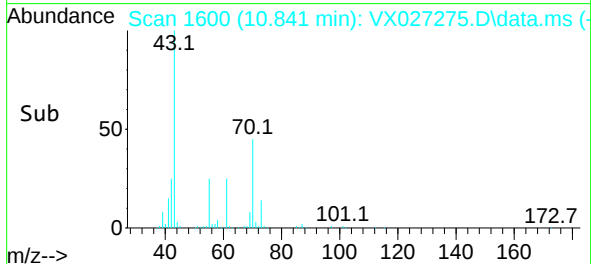
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



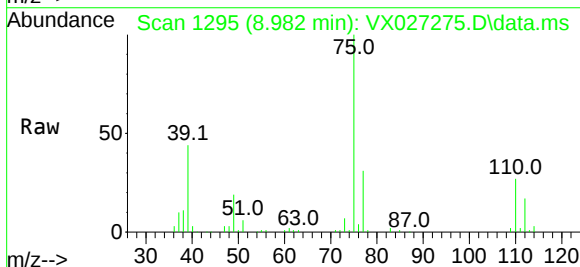
Tgt Ion: 43 Resp: 70410
Ion Ratio Lower Upper
43 100
55 25.2 20.4 30.6

Manual Integrations
APPROVED

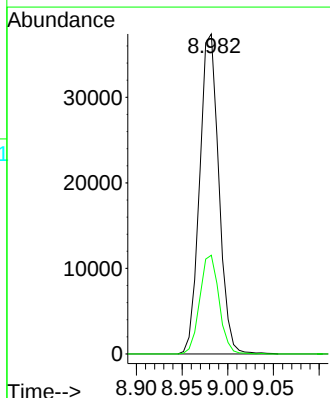
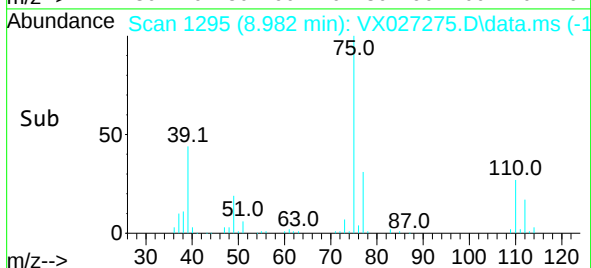
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

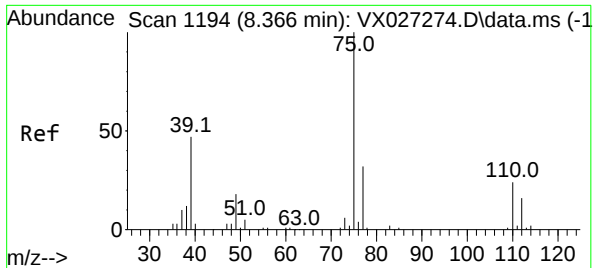


#48
t-1,3-Dichloropropene
Concen: 54.482 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06



Tgt Ion: 75 Resp: 54603
Ion Ratio Lower Upper
75 100
77 30.9 26.6 40.0





#49

cis-1,3-Dichloropropene

Concen: 53.016 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX027275.D

Acq: 03 Mar 2022 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

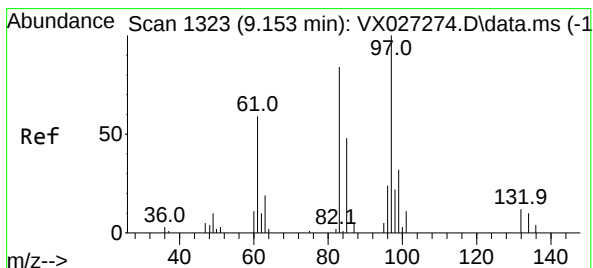
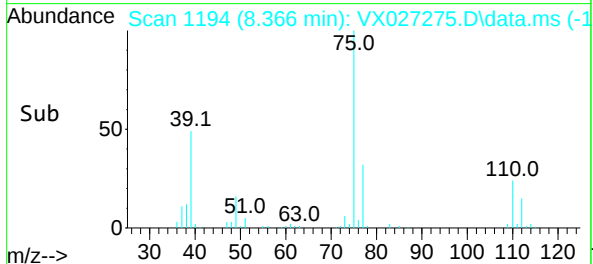
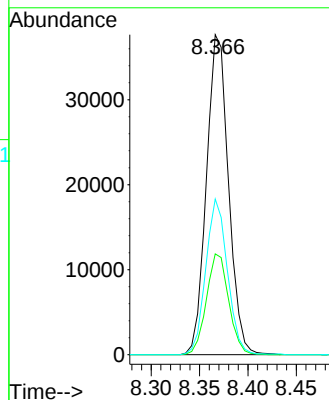
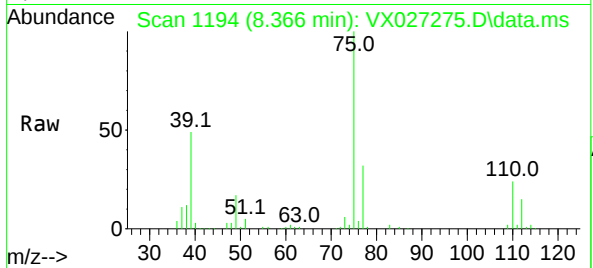
Tgt Ion:	75	Resp:	5994
Ion Ratio	Lower	Upper	
75	100		
77	31.5	25.2	37.8
39	48.7	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#50

1,1,2-Trichloroethane

Concen: 53.251 ug/l

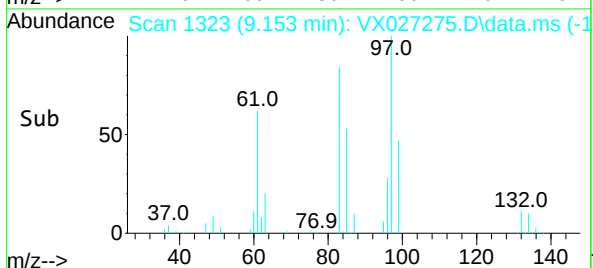
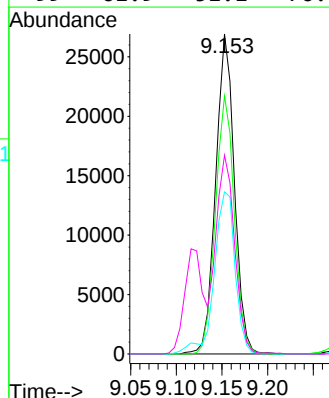
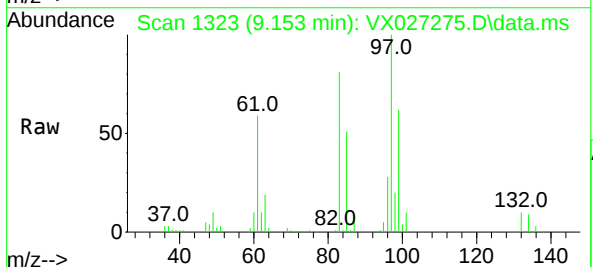
RT: 9.153 min Scan# 1323

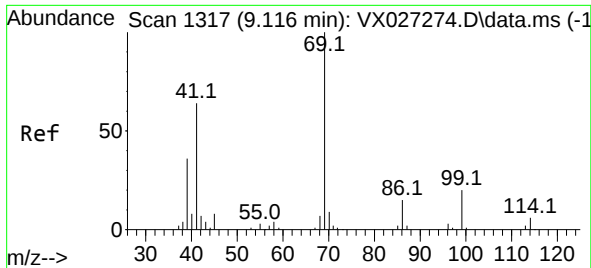
Delta R.T. -0.000 min

Lab File: VX027275.D

Acq: 03 Mar 2022 17:06

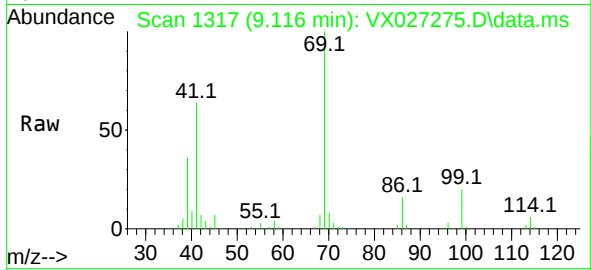
Tgt Ion:	97	Resp:	38493
Ion Ratio	Lower	Upper	
97	100		
83	80.6	66.2	99.4
85	50.6	40.4	60.6
99	61.9	51.1	76.7





#51
Ethyl methacrylate
Concen: 51.737 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

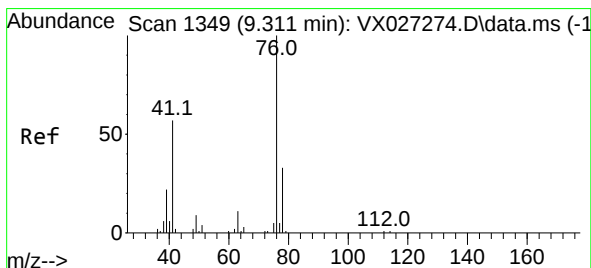
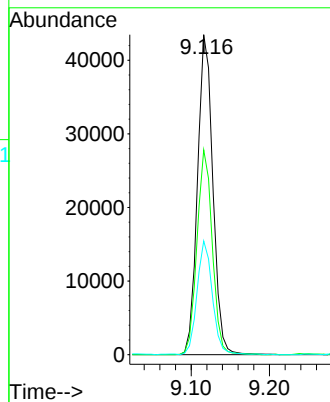
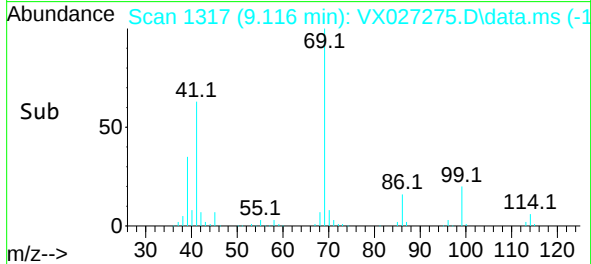
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



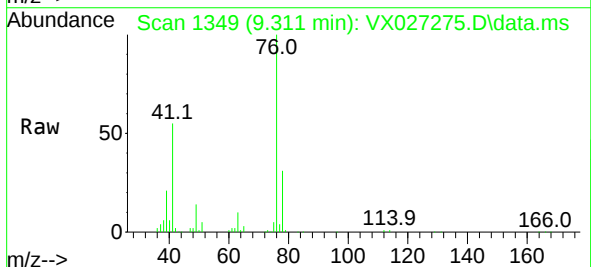
Tgt Ion: 69 Resp: 59389
Ion Ratio Lower Upper
69 100
41 64.0 32.1 96.5
39 35.5 18.3 54.9

Manual Integrations
APPROVED

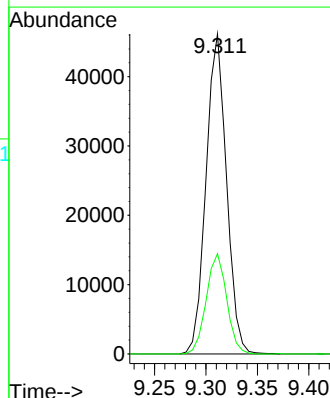
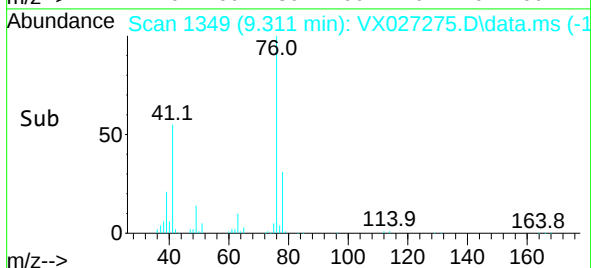
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

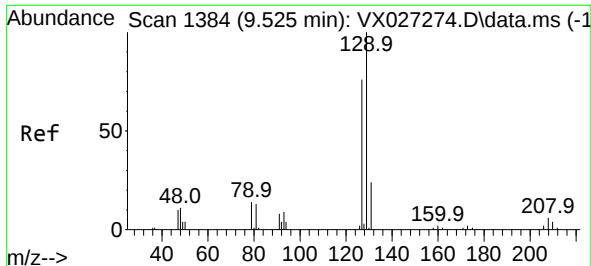


#52
1,3-Dichloropropane
Concen: 51.664 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06



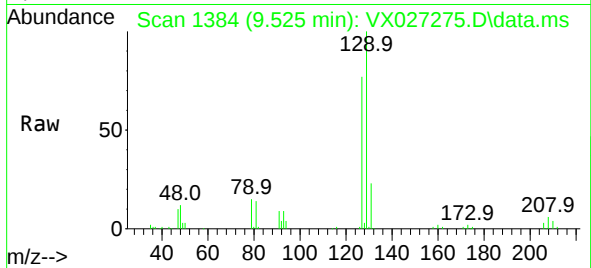
Tgt Ion: 76 Resp: 63960
Ion Ratio Lower Upper
76 100
78 31.2 0.0 64.4





#53
Dibromochloromethane
Concen: 55.065 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

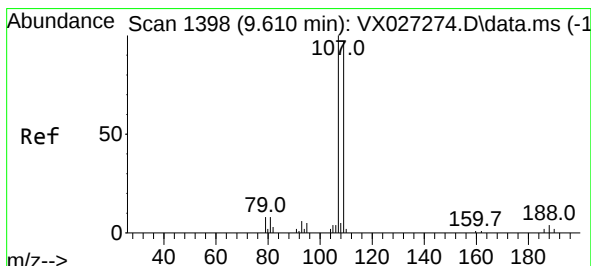
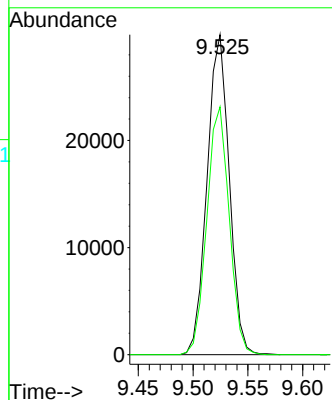
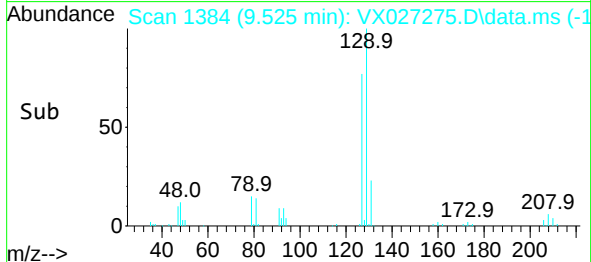
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



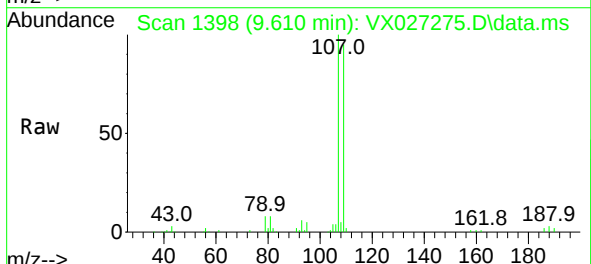
Tgt Ion:129 Resp: 42064
Ion Ratio Lower Upper
129 100
127 78.1 38.4 115.1

Manual Integrations
APPROVED

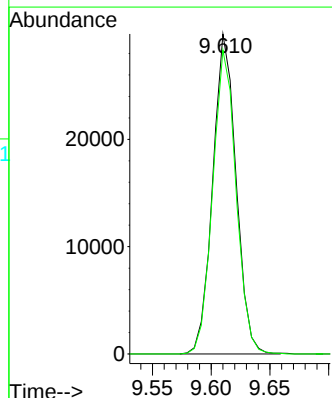
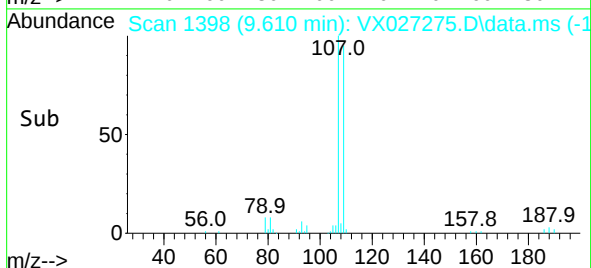
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

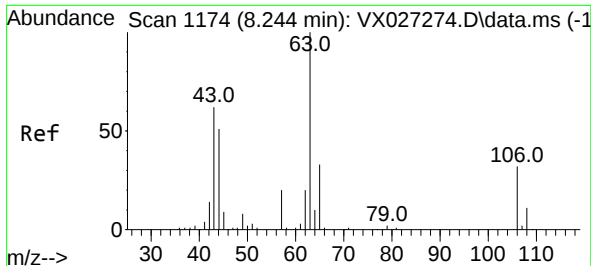


#54
1,2-Dibromoethane
Concen: 52.833 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06



Tgt Ion:107 Resp: 41138
Ion Ratio Lower Upper
107 100
109 95.2 76.2 114.4





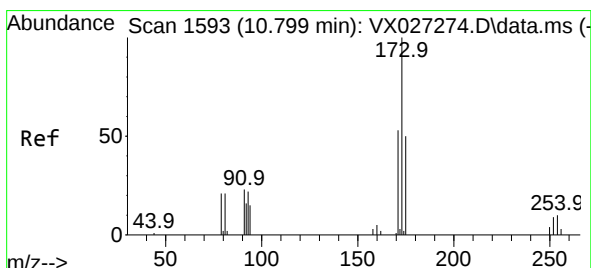
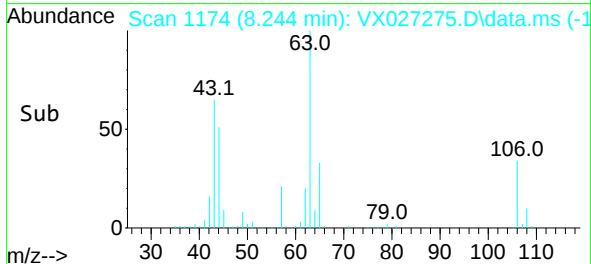
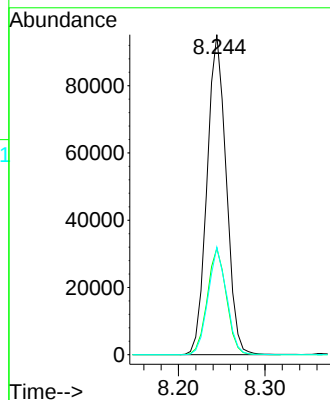
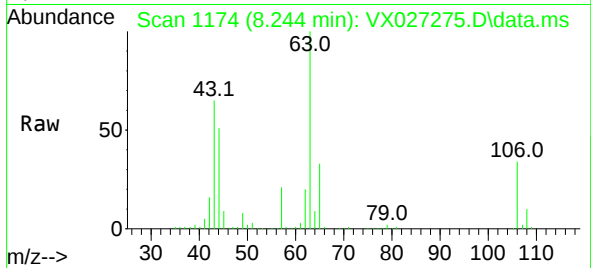
#55
2-Chloroethyl vinyl ether
Concen: 253.872 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 14635
Ion Ratio Lower Upper
63 100
65 32.9 25.9 38.9
106 32.3 25.8 38.6

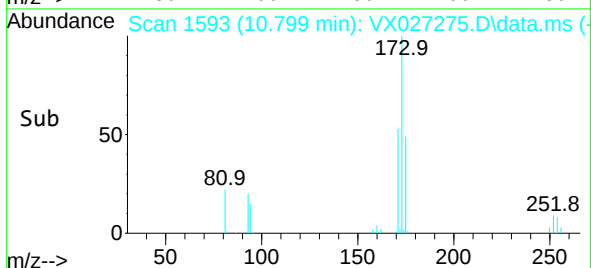
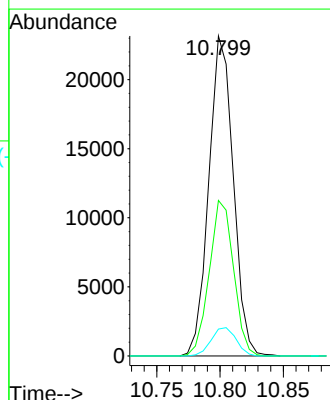
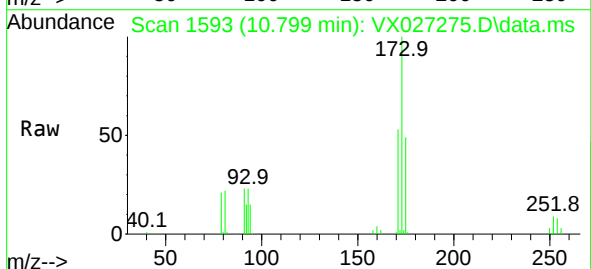
Manual Integrations
APPROVED

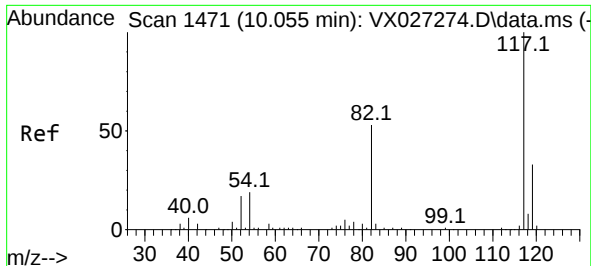
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#56
Bromoform
Concen: 58.368 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

Tgt Ion:173 Resp: 31149
Ion Ratio Lower Upper
173 100
175 48.3 40.3 60.5
254 9.1 7.4 11.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX027275.D

Acq: 03 Mar 2022 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

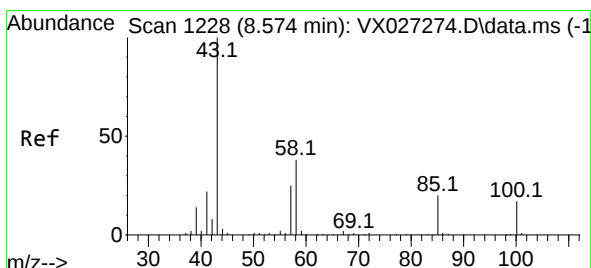
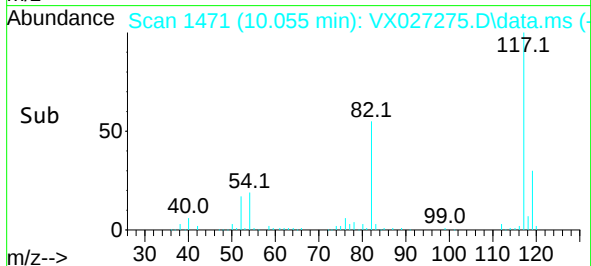
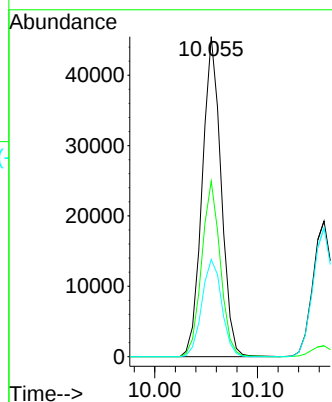
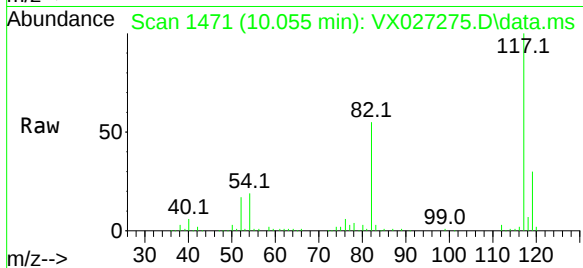
Tgt Ion:	117	Resp:	5819
Ion Ratio	Lower	Upper	
117	100		
82	53.9	42.3	63.5
119	31.8	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#58

4-Methyl-2-Pentanone

Concen: 239.969 ug/l

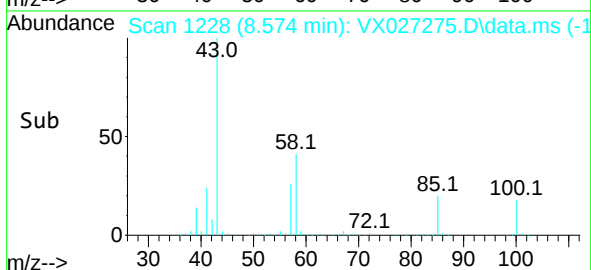
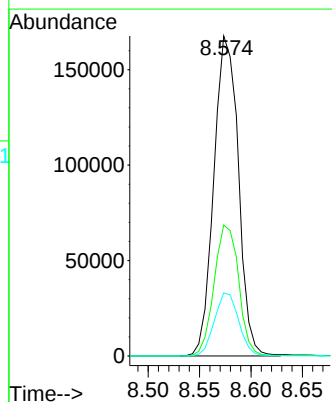
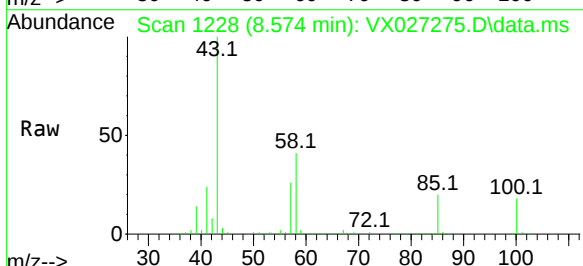
RT: 8.574 min Scan# 1228

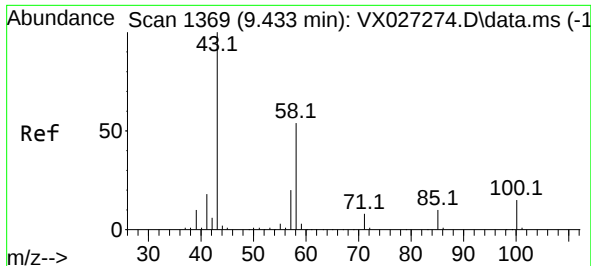
Delta R.T. -0.000 min

Lab File: VX027275.D

Acq: 03 Mar 2022 17:06

Tgt Ion:	43	Resp:	277978
Ion Ratio	Lower	Upper	
43	100		
58	41.0	31.8	47.6
85	19.6	15.8	23.6





#59

2-Hexanone

Concen: 239.459 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX027275.D

Acq: 03 Mar 2022 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 43 Resp: 21092

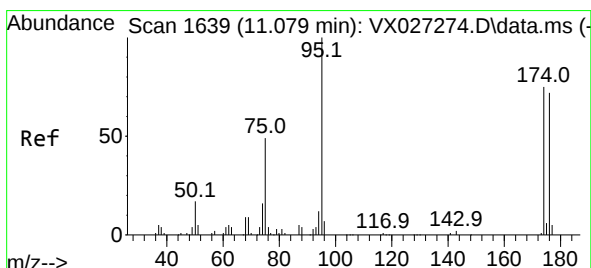
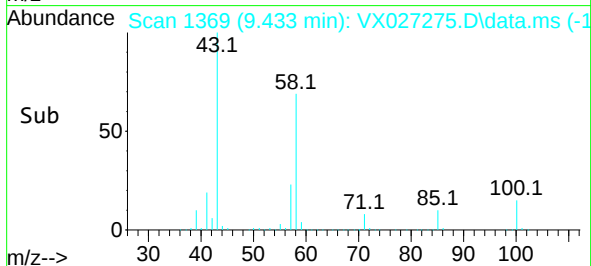
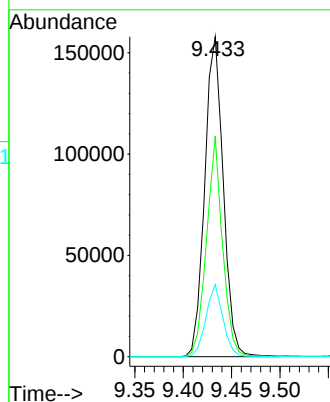
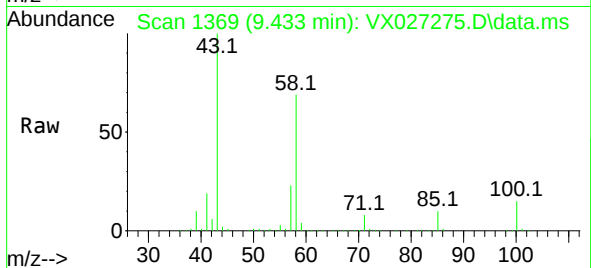
Ion	Ratio	Lower	Upper
43	100		
58	59.7	44.1	66.1
57	20.8	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#60

4-Bromofluorobenzene

Concen: 30.510 ug/l

RT: 11.079 min Scan# 1639

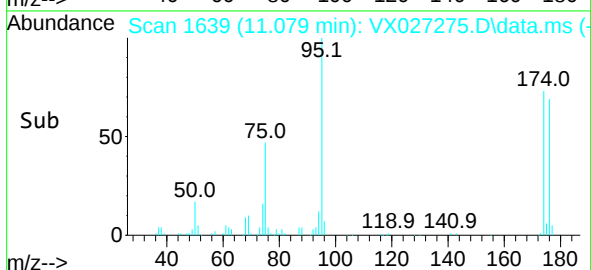
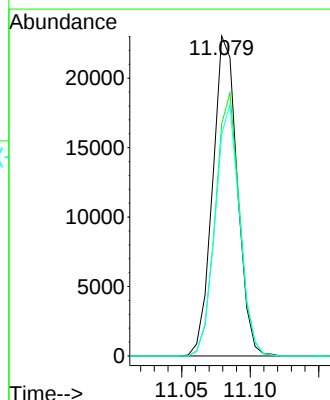
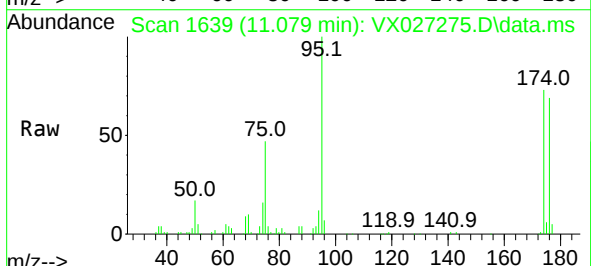
Delta R.T. -0.000 min

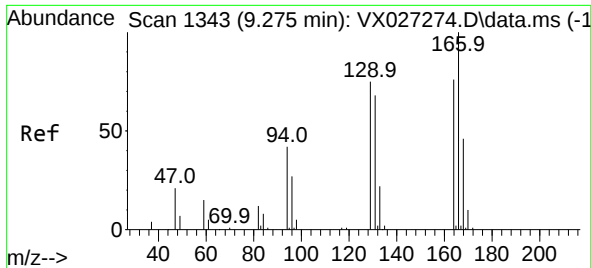
Lab File: VX027275.D

Acq: 03 Mar 2022 17:06

Tgt Ion: 95 Resp: 28725

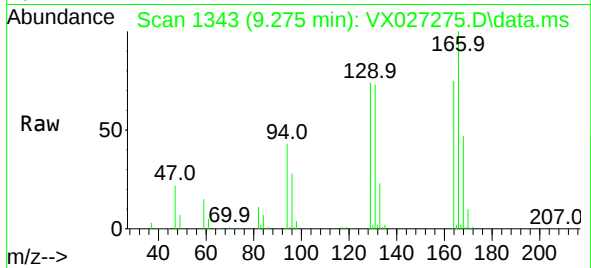
Ion	Ratio	Lower	Upper
95	100		
174	80.5	65.4	98.2
176	78.0	63.4	95.0





#61
Tetrachloroethene
Concen: 48.142 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

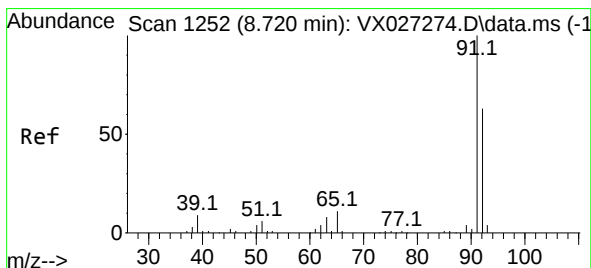
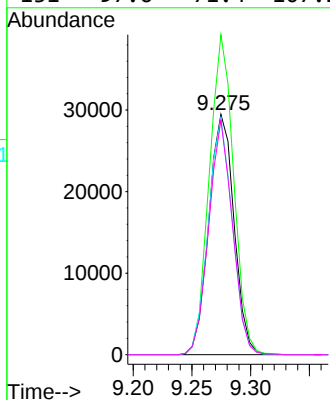
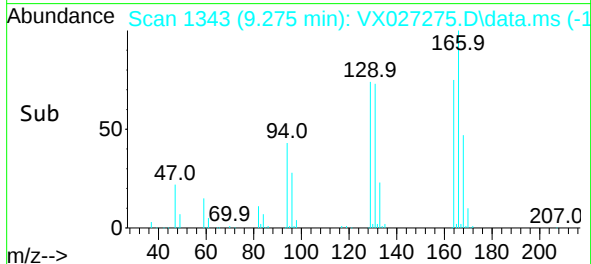
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



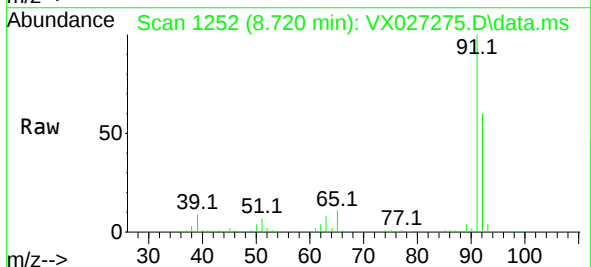
Tgt Ion:164 Resp: 4401
Ion Ratio Lower Upper
164 100
166 133.2 105.0 157.6
129 98.7 78.5 117.7
131 97.6 71.4 107.2

Manual Integrations
APPROVED

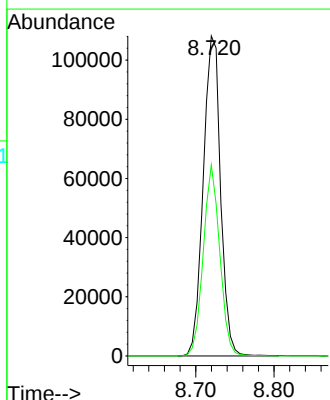
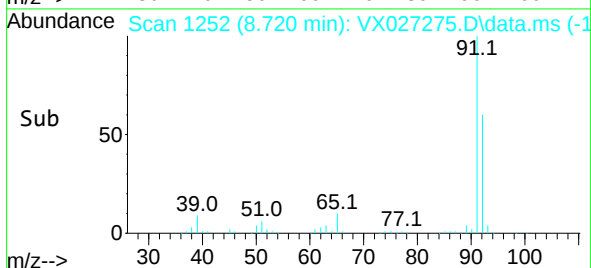
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

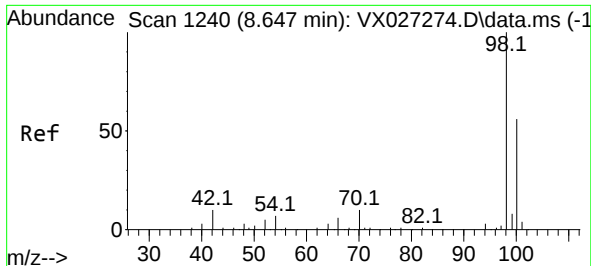


#62
Toluene
Concen: 51.185 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06



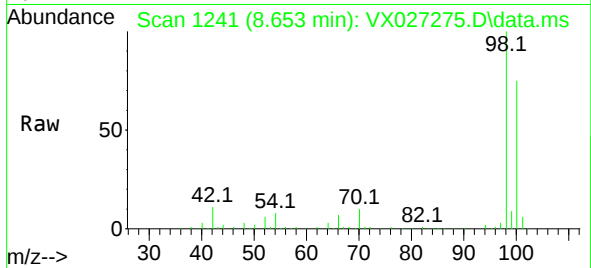
Tgt Ion: 91 Resp: 166132
Ion Ratio Lower Upper
91 100
92 56.7 48.1 72.1





#63
Toluene-d8
Concen: 28.570 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

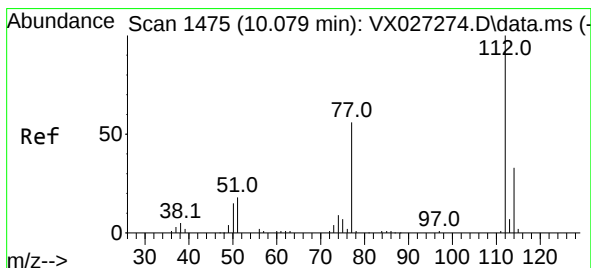
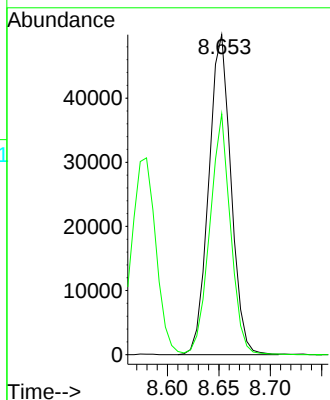
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 98 Resp: 75074
Ion Ratio Lower Upper
98 100
100 70.0 51.4 77.2

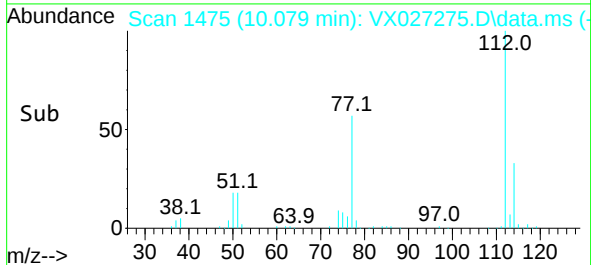
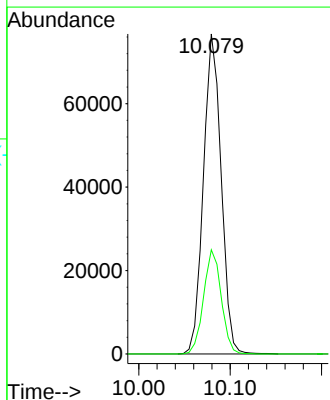
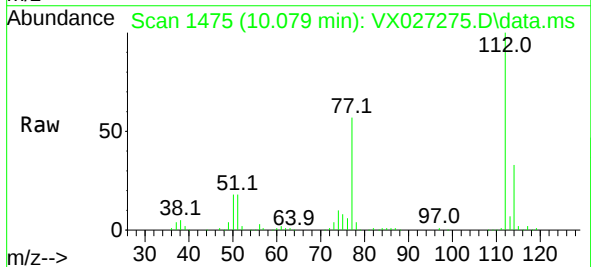
Manual Integrations
APPROVED

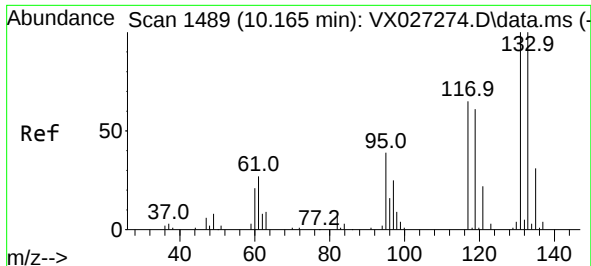
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#64
Chlorobenzene
Concen: 50.883 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

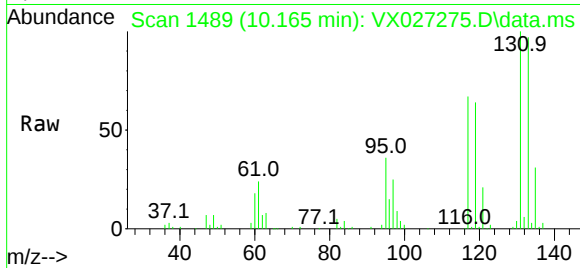
Tgt Ion:112 Resp: 103222
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 52.404 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

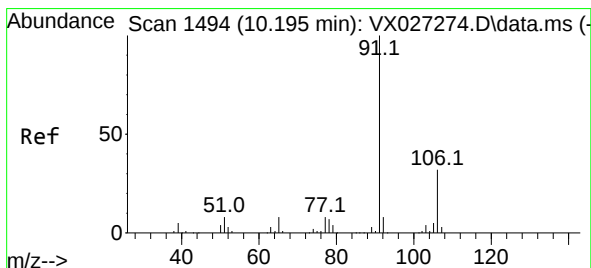
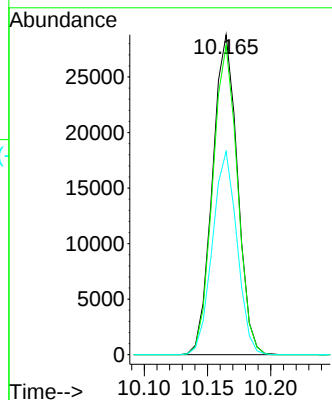
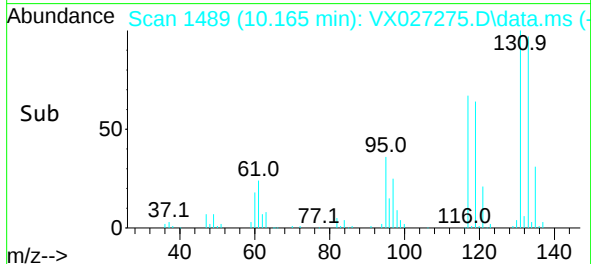
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:131 Resp: 3952
Ion Ratio Lower Upper
131 100
133 95.5 0.0 197.2
119 62.5 0.0 127.4

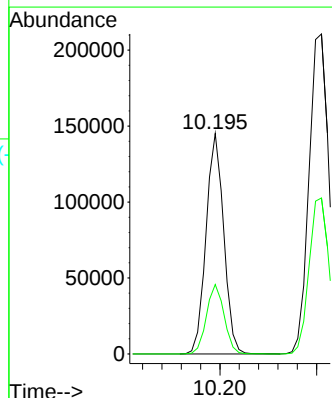
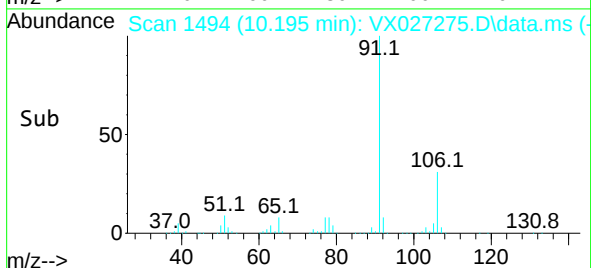
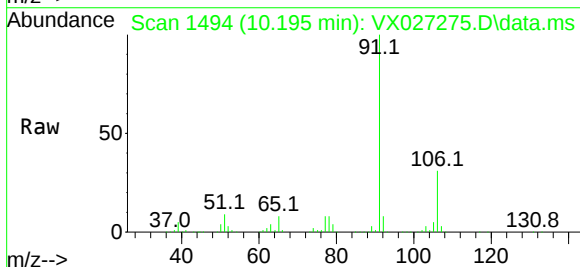
Manual Integrations
APPROVED

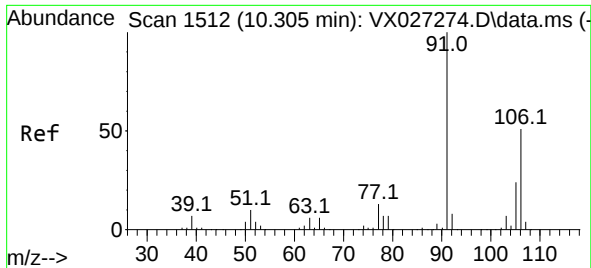
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#66
Ethyl Benzene
Concen: 51.366 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

Tgt Ion: 91 Resp: 184501
Ion Ratio Lower Upper
91 100
106 31.5 25.8 38.8





#67

m/p-Xylenes

Concen: 104.393 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX027275.D

Acq: 03 Mar 2022 17:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:106 Resp: 145219

Ion Ratio Lower Upper

106 100

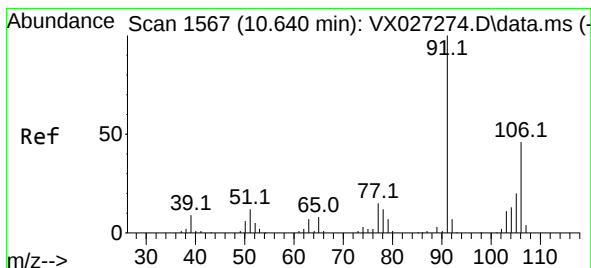
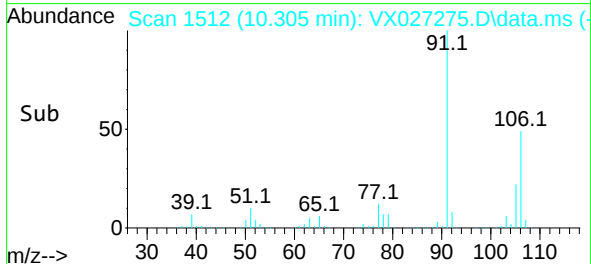
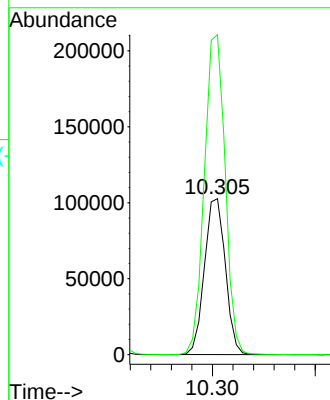
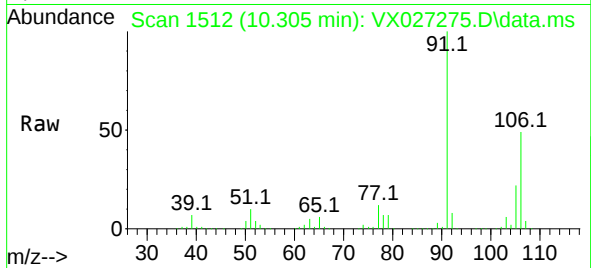
91 204.6 159.5 239.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#68

o-Xylene

Concen: 52.272 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX027275.D

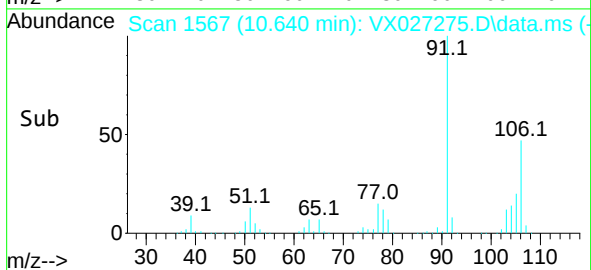
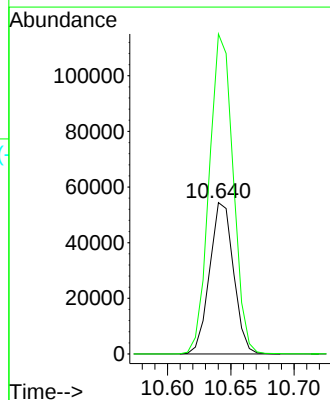
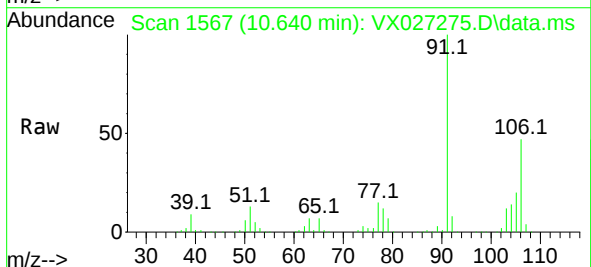
Acq: 03 Mar 2022 17:06

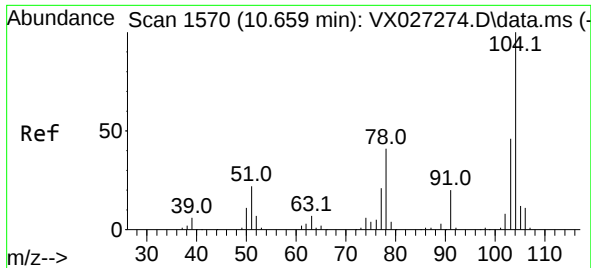
Tgt Ion:106 Resp: 71358

Ion Ratio Lower Upper

106 100

91 212.4 105.4 316.2





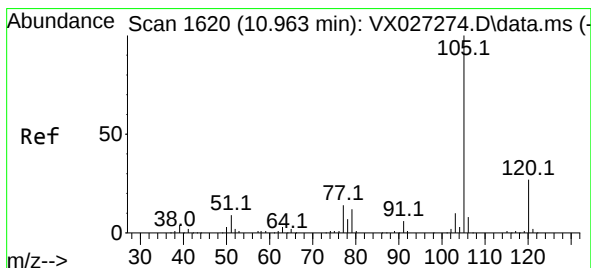
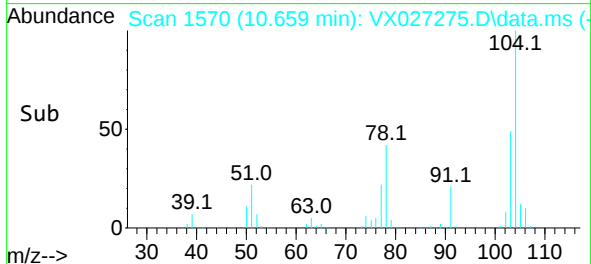
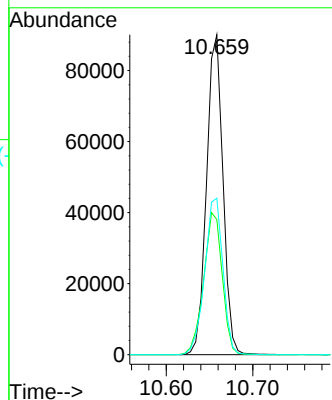
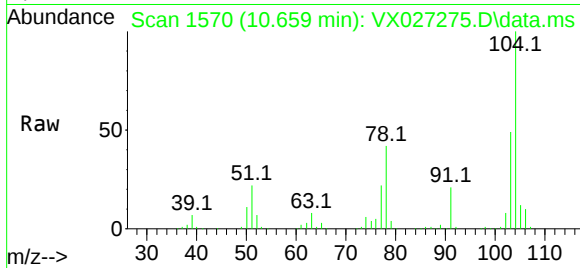
#69
Styrene
Concen: 52.396 ug/l
RT: 10.659 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:104 Resp: 118748
Ion Ratio Lower Upper
104 100
78 50.3 39.7 59.5
103 54.4 42.7 64.1

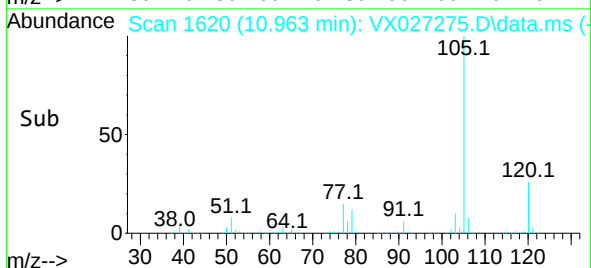
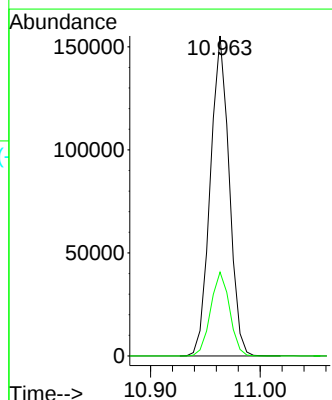
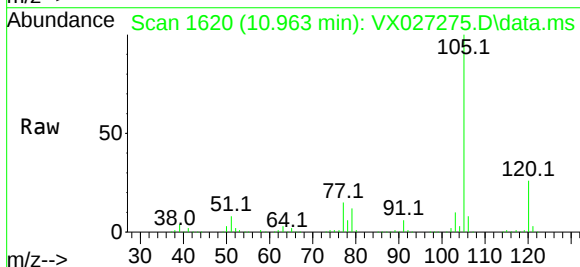
Manual Integrations
APPROVED

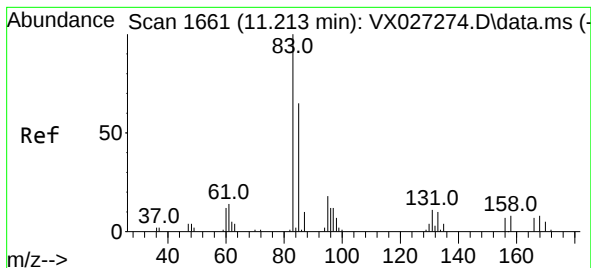
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#70
Isopropylbenzene
Concen: 52.288 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

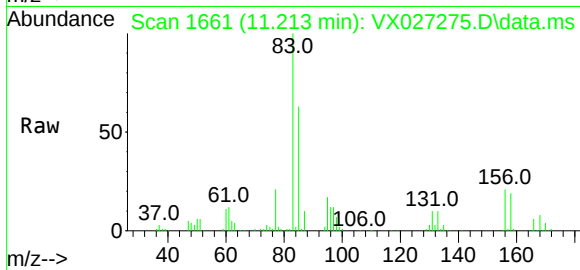
Tgt Ion:105 Resp: 185609
Ion Ratio Lower Upper
105 100
120 26.3 18.8 34.8





#71
1,1,2,2-Tetrachloroethane
Concen: 52.795 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

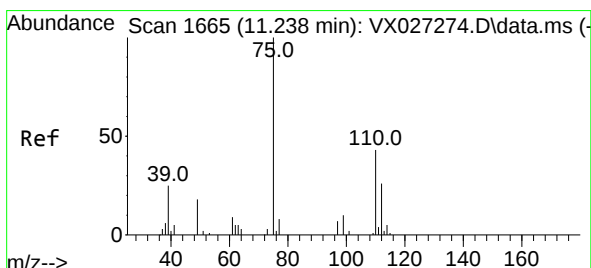
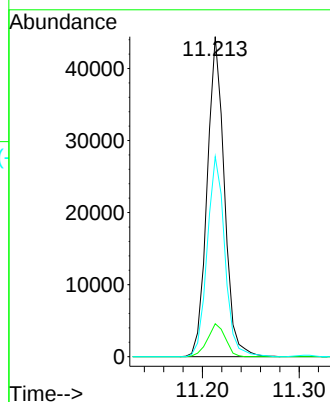
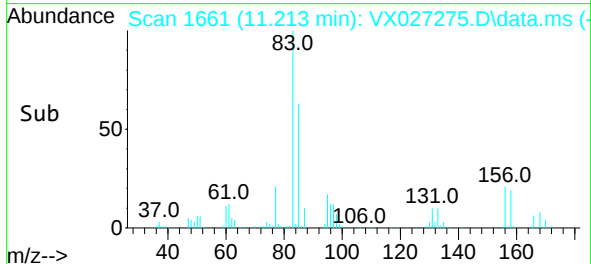
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



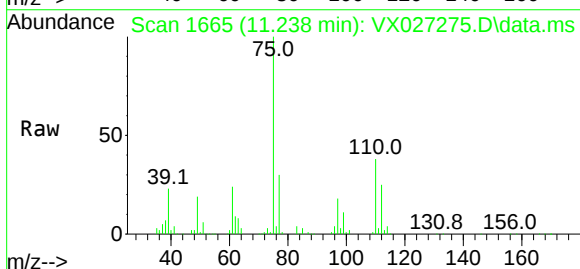
Tgt Ion: 83 Resp: 5498
Ion Ratio Lower Upper
83 100
131 10.7 5.8 17.3
85 64.1 32.0 96.2

Manual Integrations
APPROVED

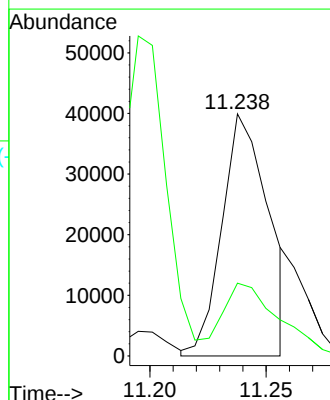
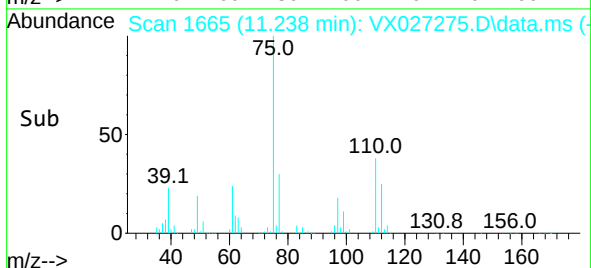
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

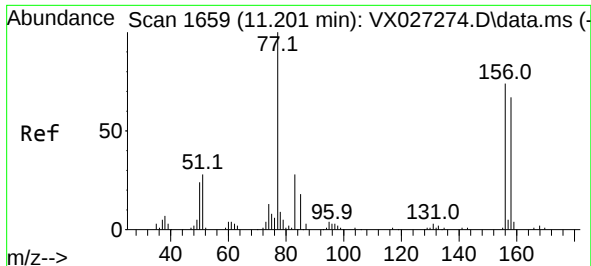


#72
1,2,3-Trichloropropane
Concen: 53.297 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06



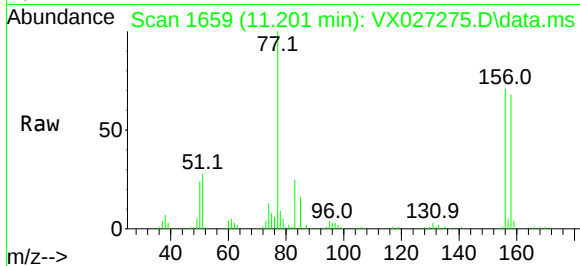
Tgt Ion: 75 Resp: 55290
Ion Ratio Lower Upper
75 100
77 37.4 0.0 78.6





#73
Bromobenzene
Concen: 53.043 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

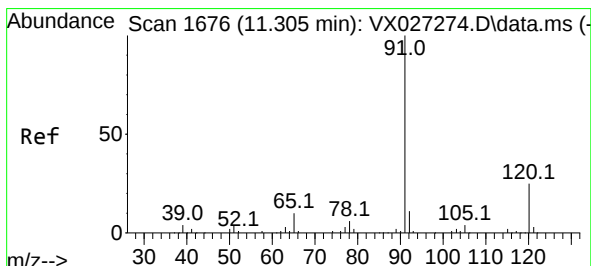
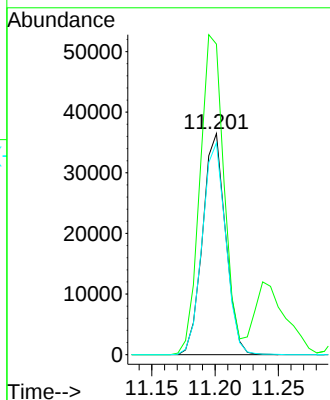
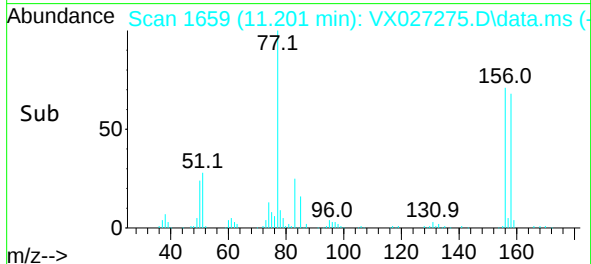
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



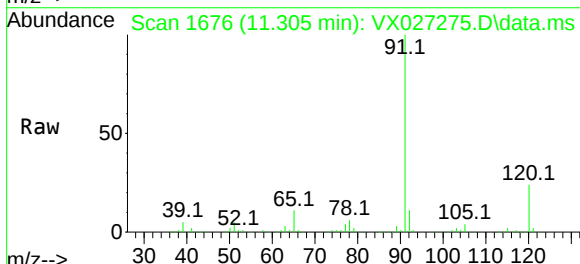
Tgt Ion:156 Resp: 4628
Ion Ratio Lower Upper
156 100
77 150.8 0.0 297.6
158 97.6 0.0 188.4

Manual Integrations
APPROVED

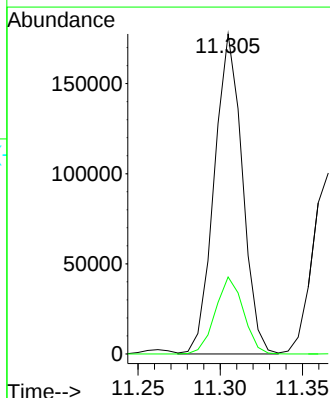
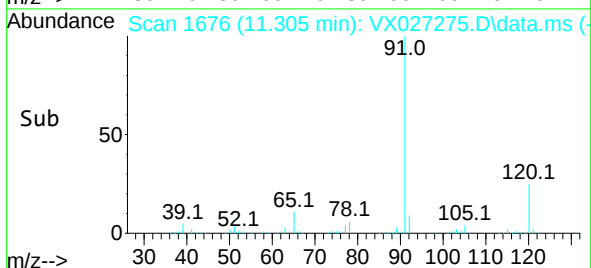
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

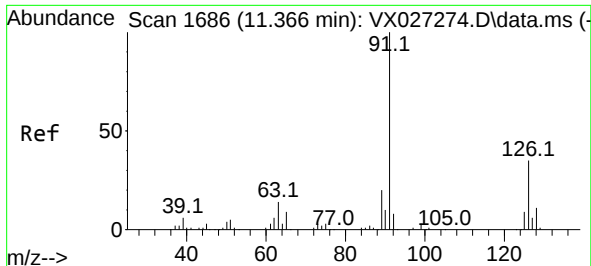


#74
n-propylbenzene
Concen: 52.033 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06



Tgt Ion: 91 Resp: 210985
Ion Ratio Lower Upper
91 100
120 24.0 0.0 48.0





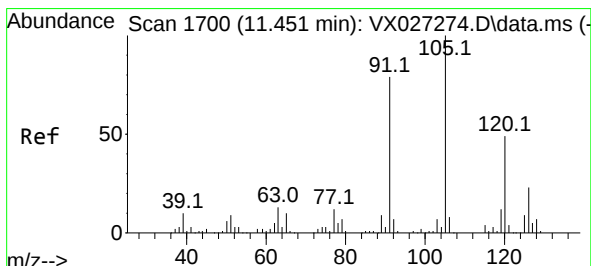
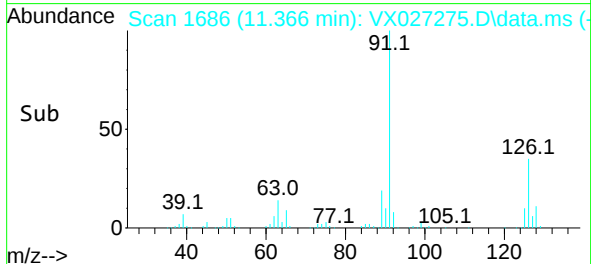
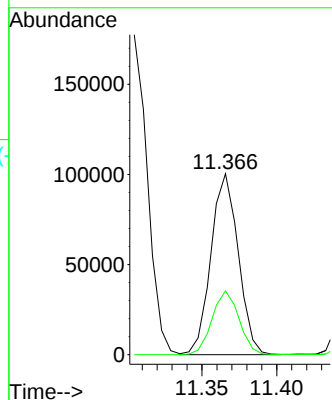
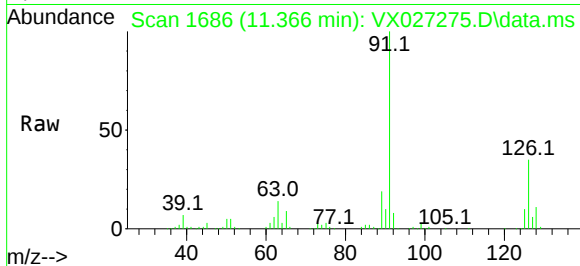
#75
2-Chlorotoluene
Concen: 51.051 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 91 Resp: 12750
Ion Ratio Lower Upper
91 100
126 34.8 0.0 68.6

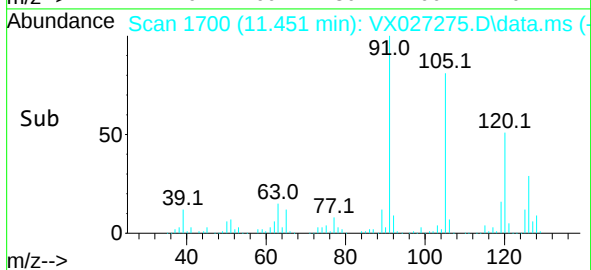
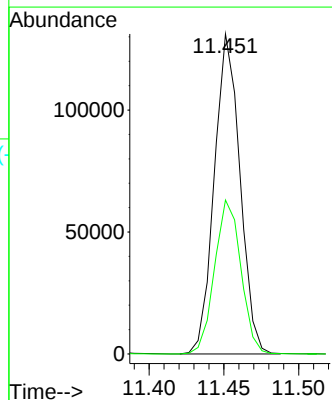
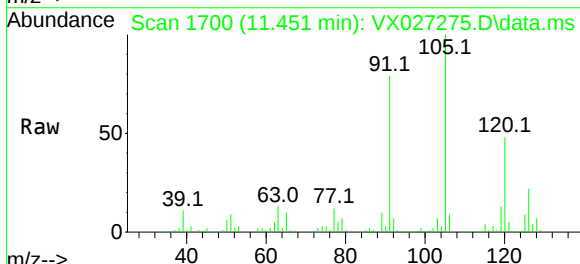
Manual Integrations
APPROVED

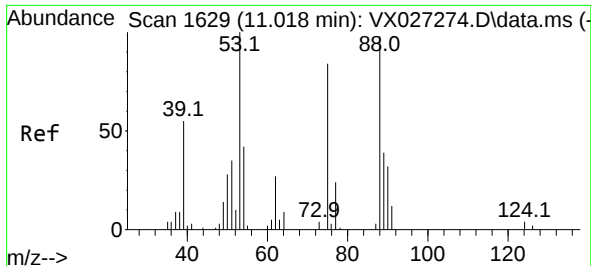
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#76
1,3,5-Trimethylbenzene
Concen: 52.591 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

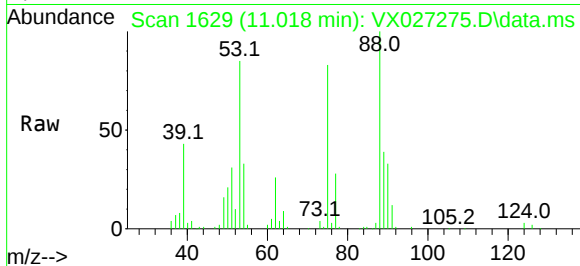
Tgt Ion:105 Resp: 156606
Ion Ratio Lower Upper
105 100
120 49.3 0.0 98.0





#77
t-1,4-Dichloro-2-butene
Concen: 54.614 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

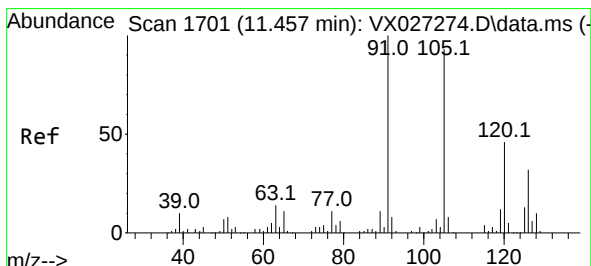
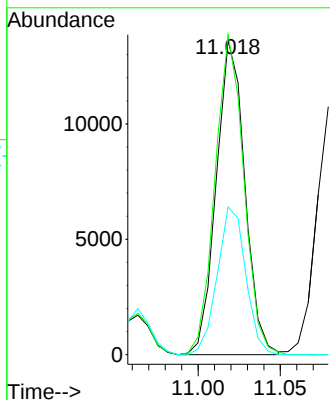
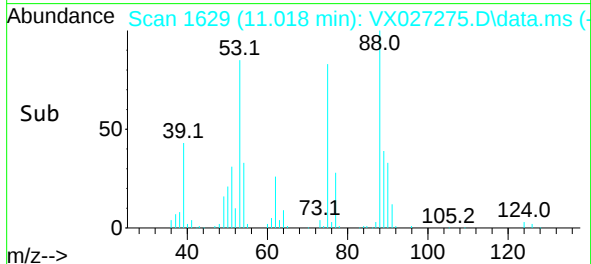
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



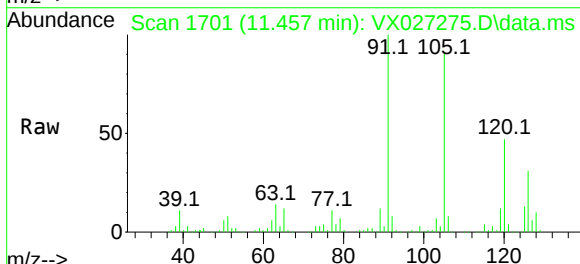
Tgt Ion: 75 Resp: 16440
Ion Ratio Lower Upper
75 100
53 101.8 59.7 179.1
89 47.1 23.1 69.2

Manual Integrations
APPROVED

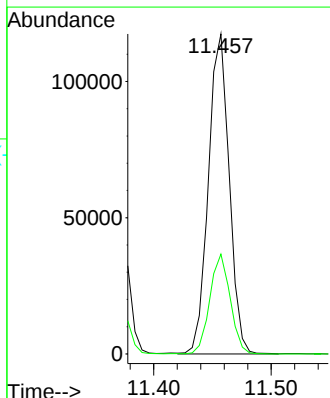
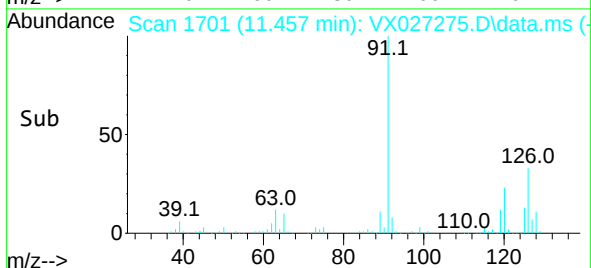
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

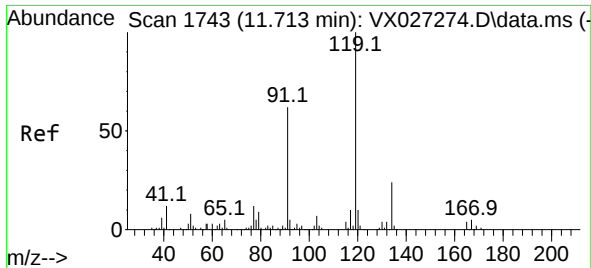


#78
4-Chlorotoluene
Concen: 51.747 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06



Tgt Ion: 91 Resp: 144819
Ion Ratio Lower Upper
91 100
126 30.5 0.0 59.8





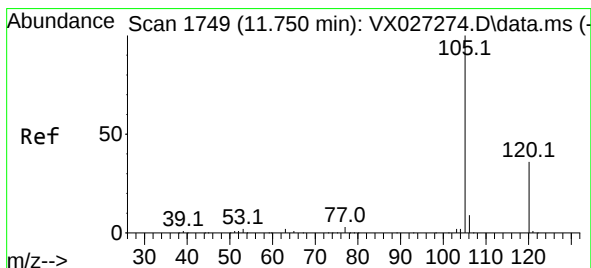
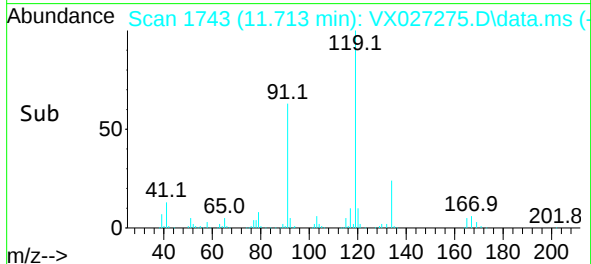
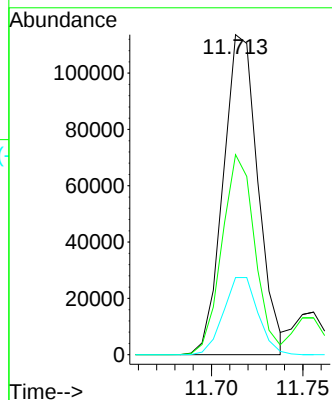
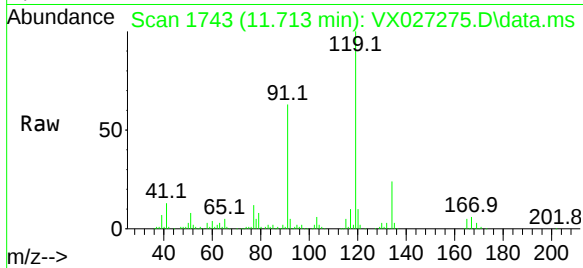
#79
tert-butylbenzene
Concen: 52.525 ug/l
RT: 11.713 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:119 Resp: 15068
Ion Ratio Lower Upper
119 100
91 59.2 0.0 119.4
134 24.0 0.0 48.4

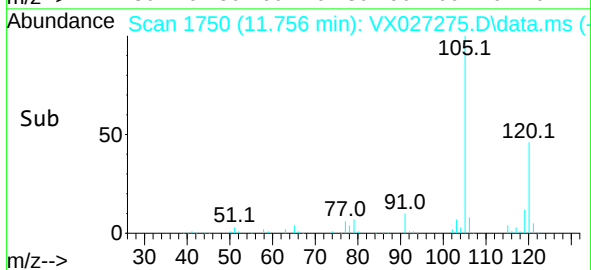
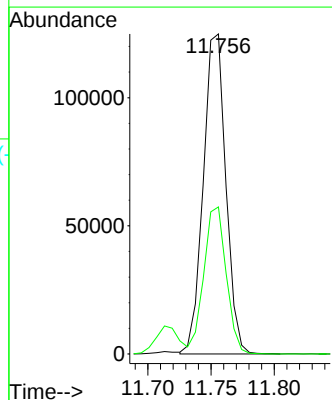
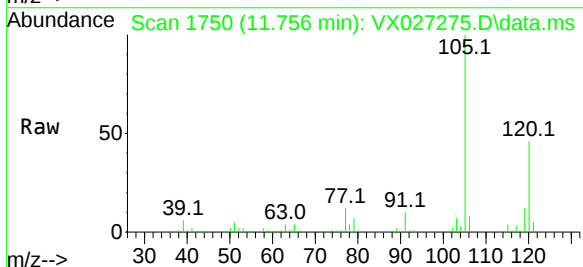
Manual Integrations
APPROVED

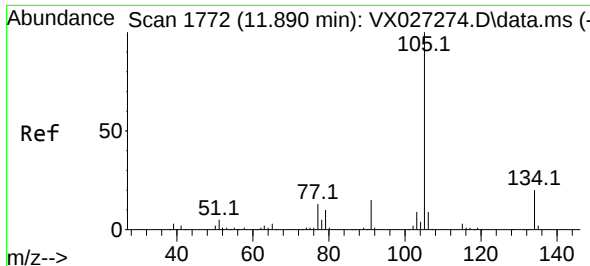
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#80
1,2,4-Trimethylbenzene
Concen: 52.352 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

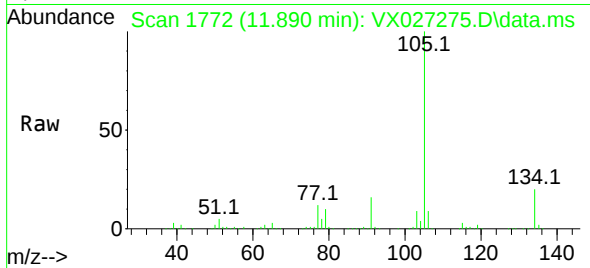
Tgt Ion:105 Resp: 155172
Ion Ratio Lower Upper
105 100
120 45.7 0.0 89.6





#81
 sec-Butylbenzene
 Concen: 52.442 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX027275.D
 Acq: 03 Mar 2022 17:06

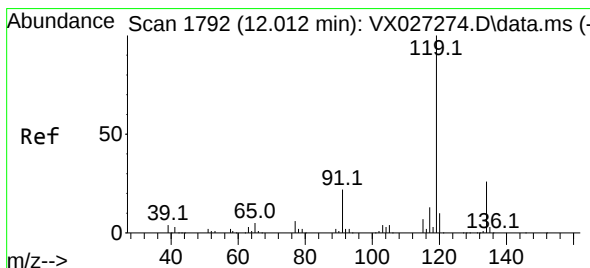
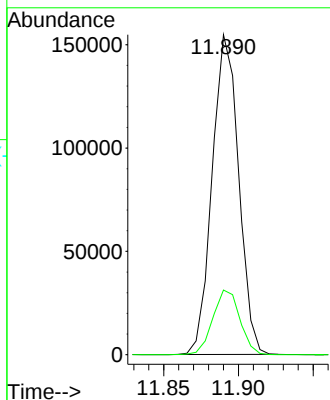
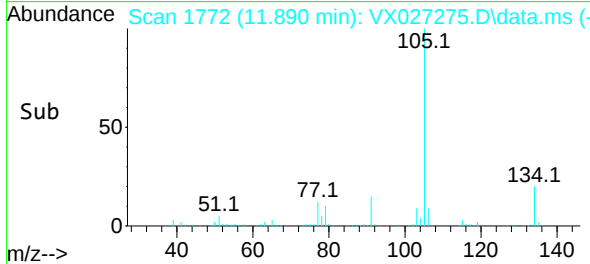
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050



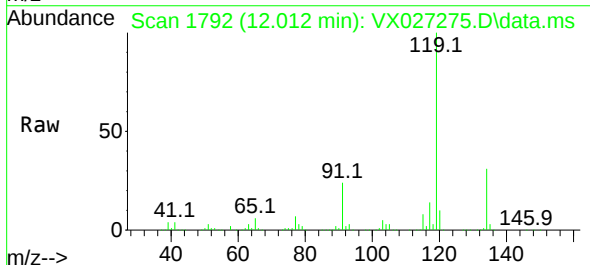
Tgt Ion:105 Resp: 190479
 Ion Ratio Lower Upper
 105 100
 134 20.7 0.0 41.2

Manual Integrations
 APPROVED

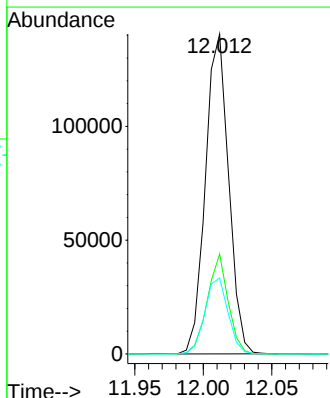
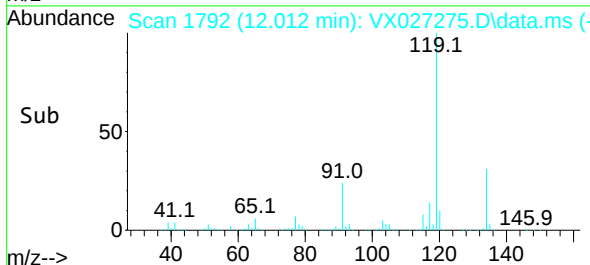
Reviewed By :John Carlone 03/04/2022
 Supervised By :Mahesh Dadoda 03/04/2022

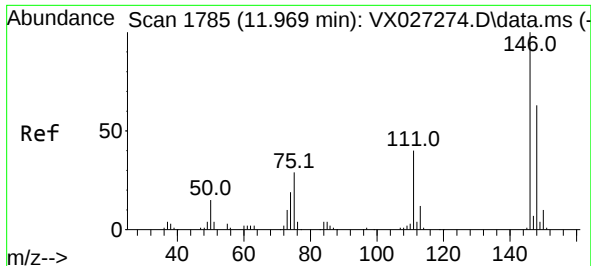


#82
 p-Isopropyltoluene
 Concen: 53.602 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX027275.D
 Acq: 03 Mar 2022 17:06



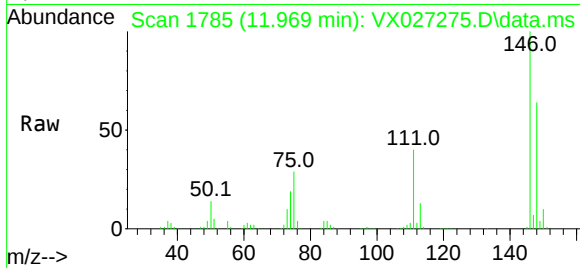
Tgt Ion:119 Resp: 165360
 Ion Ratio Lower Upper
 119 100
 134 28.0 0.0 52.4
 91 23.9 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 52.501 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

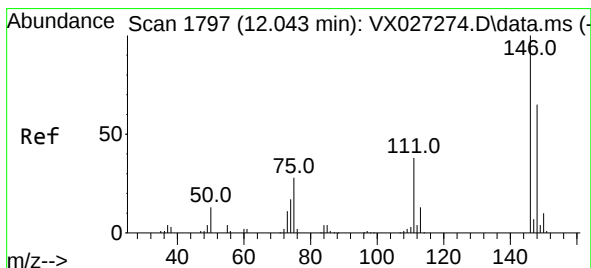
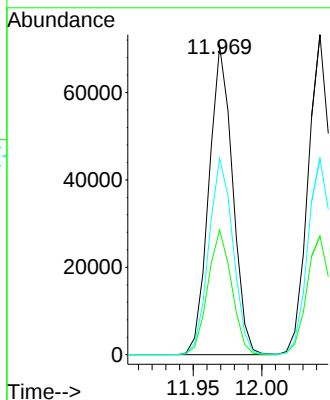
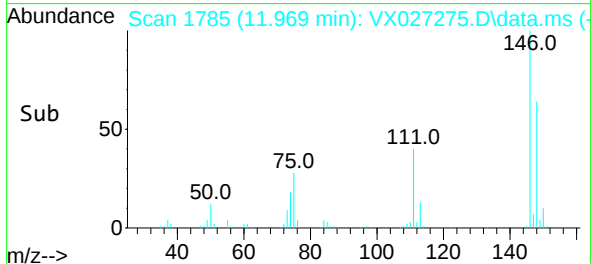
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



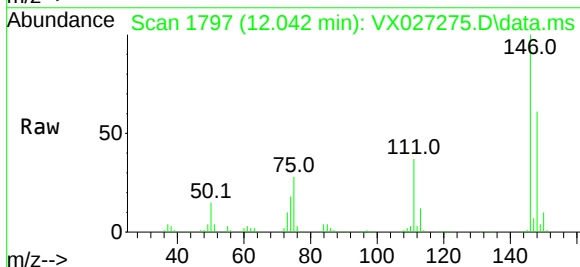
Tgt Ion:146 Resp: 8514
Ion Ratio Lower Upper
146 100
111 40.3 19.8 59.4
148 64.8 31.6 94.8

Manual Integrations
APPROVED

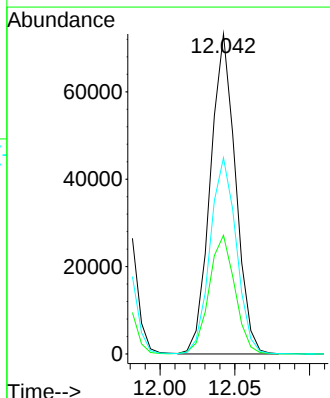
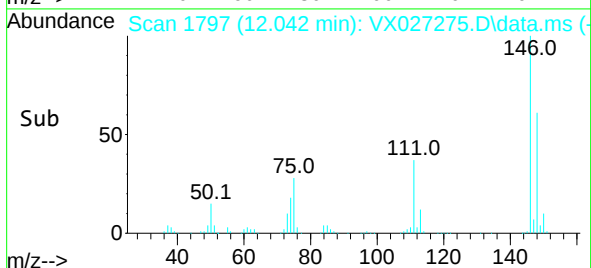
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

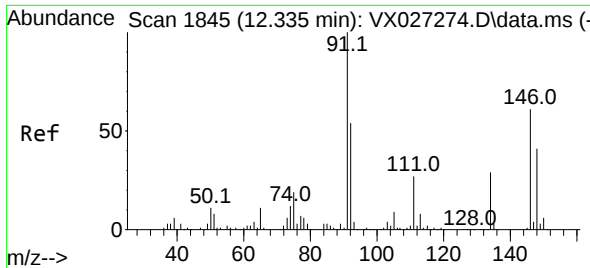


#84
1,4-Dichlorobenzene
Concen: 52.982 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06



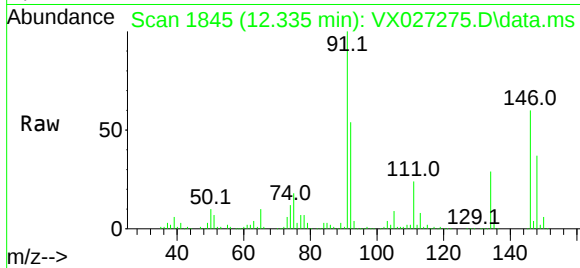
Tgt Ion:146 Resp: 85917
Ion Ratio Lower Upper
146 100
111 38.0 19.2 57.6
148 63.6 32.3 96.8





#85
n-Butylbenzene
Concen: 53.849 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

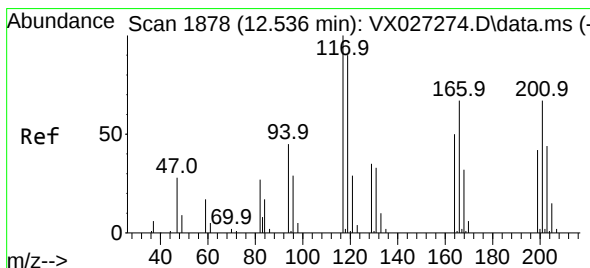
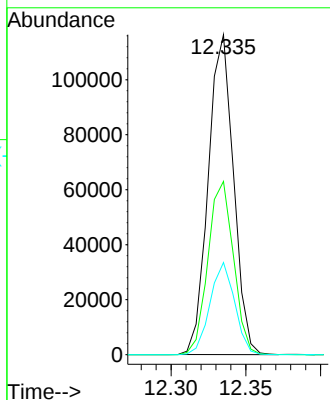
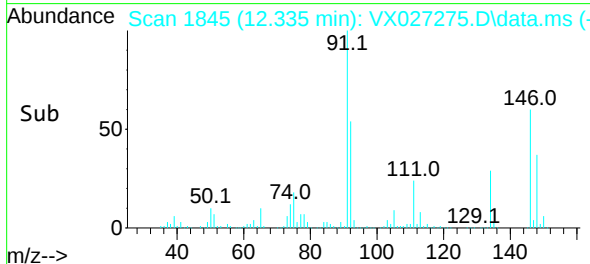
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 91 Resp: 13685
Ion Ratio Lower Upper
91 100
92 54.7 0.0 109.4
134 28.1 0.0 56.4

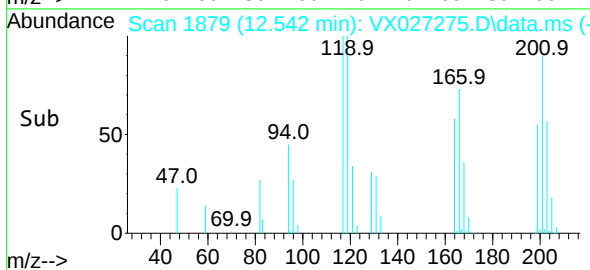
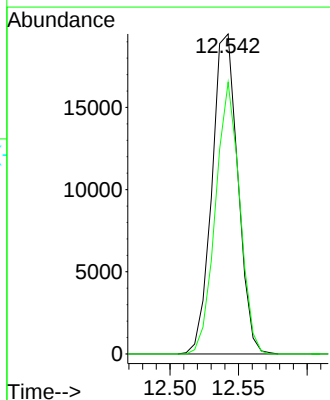
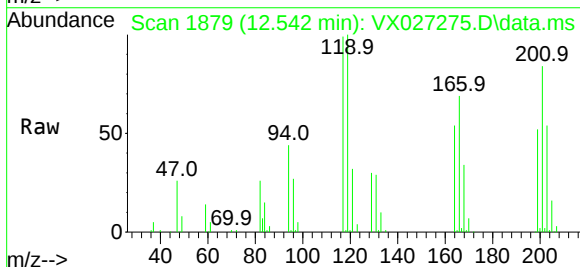
Manual Integrations
APPROVED

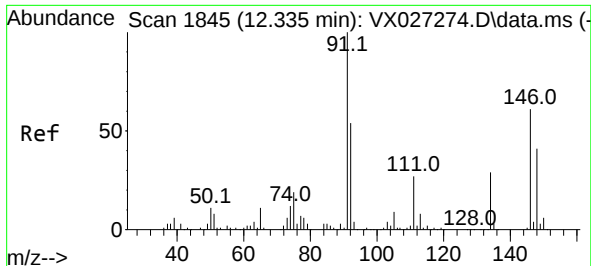
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#86
Hexachloroethane
Concen: 52.604 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

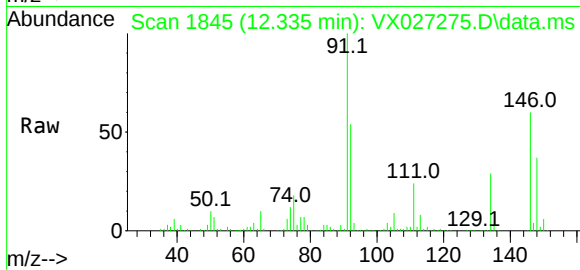
Tgt Ion:117 Resp: 25582
Ion Ratio Lower Upper
117 100
201 79.1 39.5 118.5





#87
1,2-Dichlorobenzene
Concen: 53.263 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

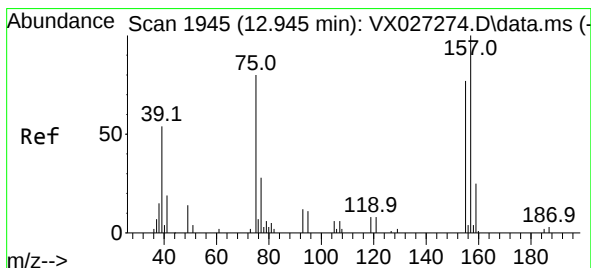
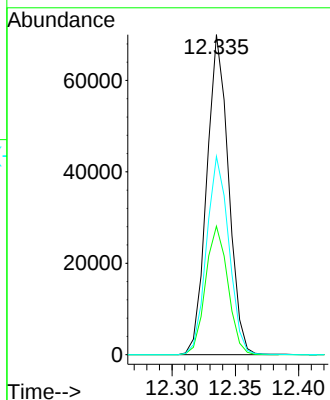
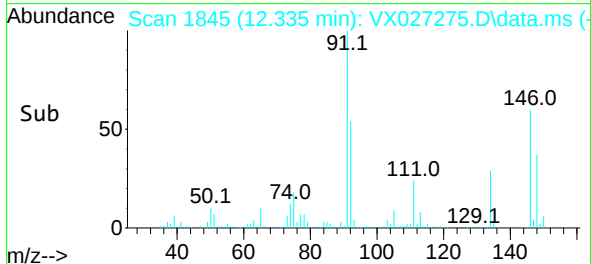
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



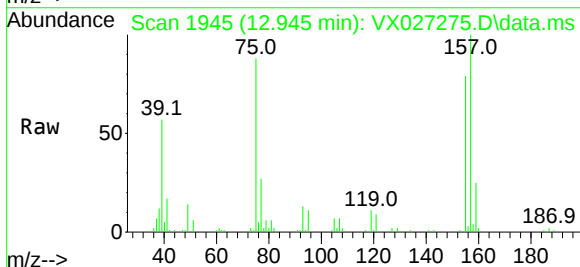
Tgt Ion:146 Resp: 83778
Ion Ratio Lower Upper
146 100
111 41.1 21.1 63.3
148 63.5 31.4 94.2

Manual Integrations
APPROVED

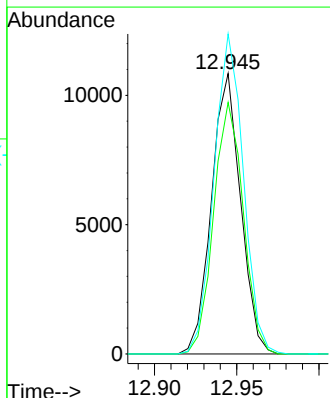
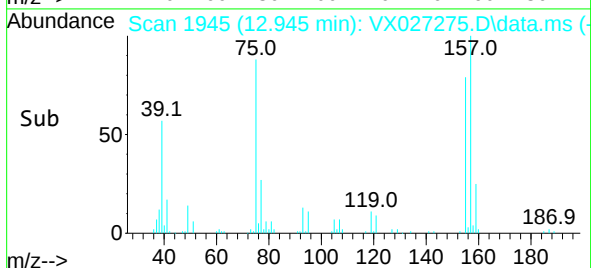
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

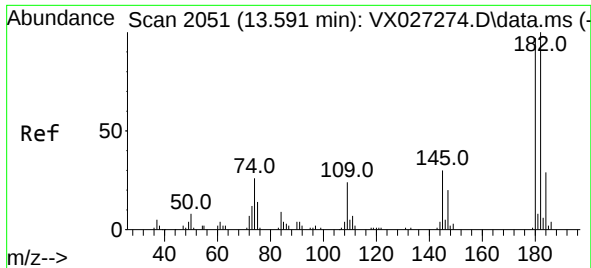


#88
1,2-Dibromo-3-Chloropropane
Concen: 52.779 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06



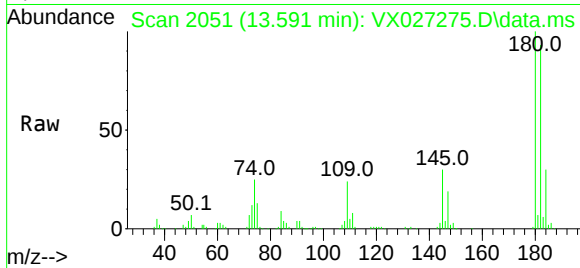
Tgt Ion: 75 Resp: 13362
Ion Ratio Lower Upper
75 100
155 91.1 74.3 111.5
157 115.0 97.3 145.9





#89
1,2,4-Trichlorobenzene
Concen: 54.066 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

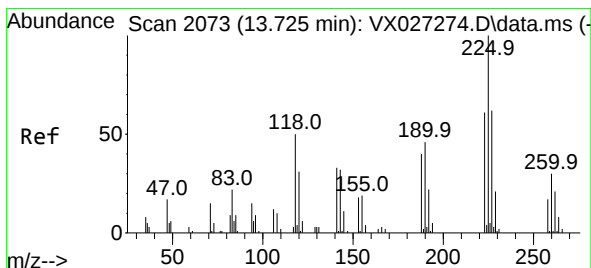
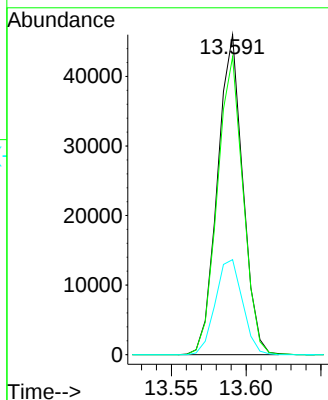
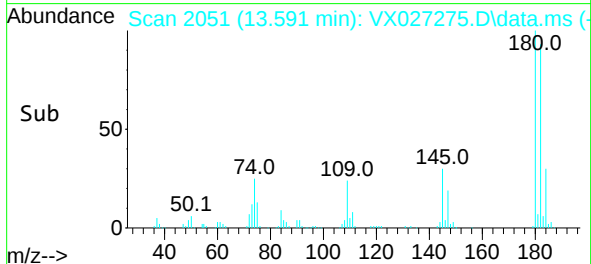
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



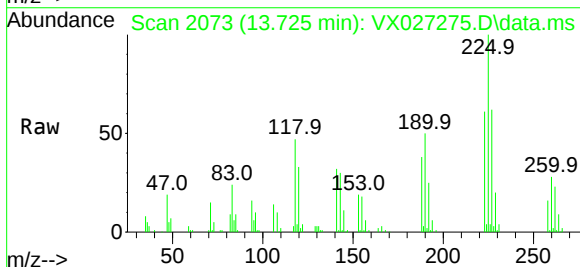
Tgt Ion:180 Resp: 54038
Ion Ratio Lower Upper
180 100
182 94.4 77.4 116.2
145 32.0 24.2 36.4

Manual Integrations
APPROVED

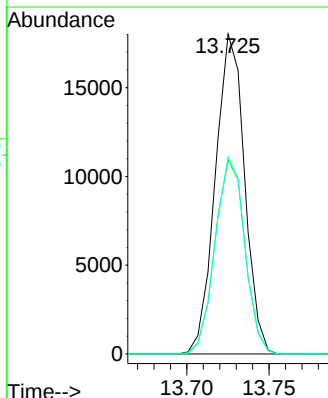
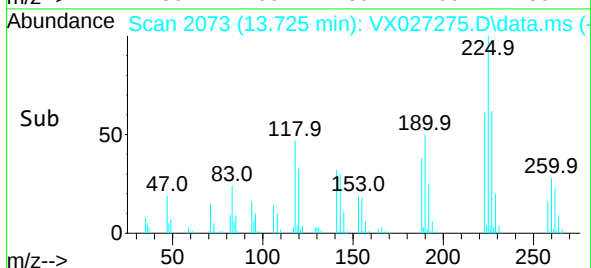
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

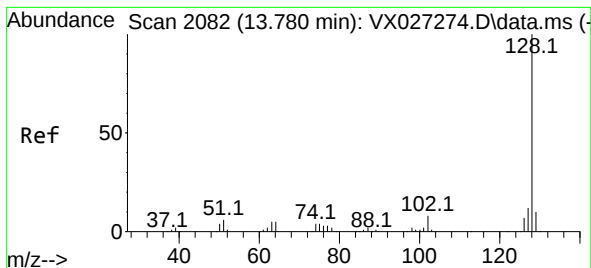


#90
Hexachlorobutadiene
Concen: 53.134 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06



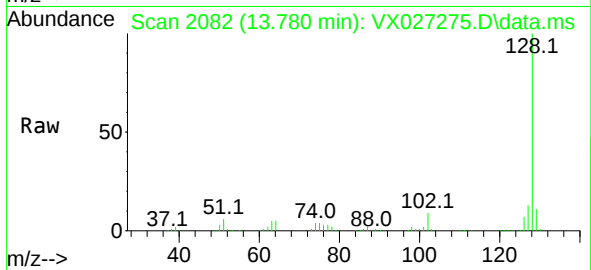
Tgt Ion:225 Resp: 22286
Ion Ratio Lower Upper
225 100
223 62.1 0.0 126.0
227 62.4 0.0 125.0





#91
Naphthalene
Concen: 54.110 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06

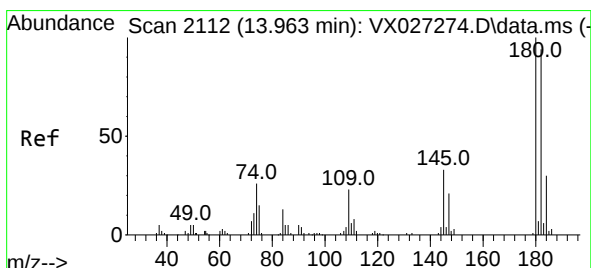
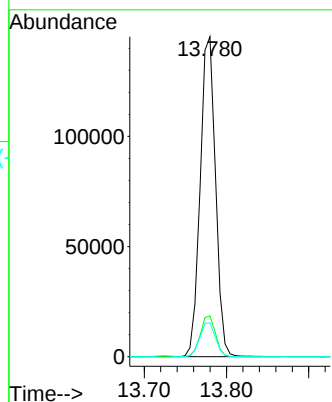
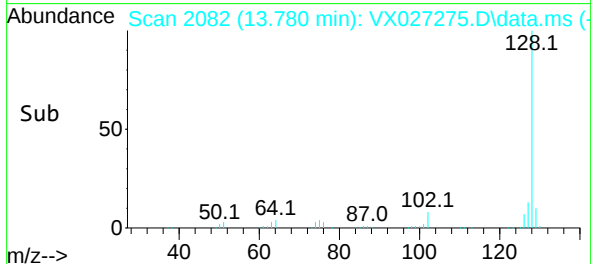
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



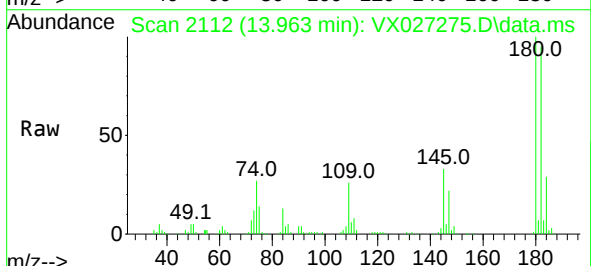
Tgt Ion:128 Resp: 18820
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#92
1,2,3-Trichlorobenzene
Concen: 53.682 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX027275.D
Acq: 03 Mar 2022 17:06



Tgt Ion:180 Resp: 54163
Ion Ratio Lower Upper
180 100
182 96.3 0.0 189.4
145 33.5 0.0 67.2

