

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030322\
 Data File : VX027274.D
 Acq On : 03 Mar 2022 16:42
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

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

Quant Time: Mar 04 00:47:43 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	4.910	128	12007	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	66448	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	58997	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	24768	28.769	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.900%		
60) 4-Bromofluorobenzene	11.079	95	28175	29.518	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.400%		
63) Toluene-d8	8.647	98	83252	31.250	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	104.167%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	15986	22.737	ug/l	100
3) Chloromethane	1.301	50	12776	19.825	ug/l	100
4) Vinyl Chloride	1.380	62	12107	18.890	ug/l	100
5) Bromomethane	1.605	94	6988	22.708	ug/l	100
6) Chloroethane	1.691	64	7037	18.627	ug/l	100
7) Trichlorofluoromethane	1.892	101	20393	20.111	ug/l	100
8) Diethyl Ether	2.136	74	6337	17.833	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	14418	20.378	ug/l	100
10) 1,1-Dichloroethene	2.325	96	13753	19.933	ug/l	100
11) Methyl Iodide	2.459	142	13978	15.862	ug/l	100
12) Methyl Acetate	2.709	43	17913	18.026	ug/l	100
13) Acrolein	2.239	56	13645	82.161	ug/l	100
14) Acrylonitrile	3.069	53	40711	93.226	ug/l	100
15) Acetone	2.386	58	12209	102.330	ug/l	100
16) Carbon Disulfide	2.514	76	36246	19.912	ug/l	100
17) Allyl chloride	2.672	41	23005	18.721	ug/l	100
18) Methylene Chloride	2.794	84	15657	20.071	ug/l	100
19) trans-1,2-Dichloroethene	3.099	96	14872	19.726	ug/l	100
20) Diisopropyl ether	3.764	45	44503	18.527	ug/l	100
21) 1,1-Dichloroethane	3.611	63	25937	19.161	ug/l	100
22) cis-1,2-Dichloroethene	4.495	96	17211	19.853	ug/l	100
23) tert-Butyl Alcohol	2.965	59	15457	90.445	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	45948	19.098	ug/l	100
25) Chloroform	5.099	83	27677	19.810	ug/l	100
26) Cyclohexane	5.483	56	23089	18.561	ug/l #	100
29) 1,1-Dichloropropene	5.696	75	20092	19.354	ug/l	100
30) 2-Butanone	4.562	43	58302	94.724	ug/l	100
31) 2,2-Dichloropropane	4.477	77	19673	20.878	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	24270	19.591	ug/l	100
33) Carbon Tetrachloride	5.678	117	21935	20.048	ug/l	100
34) Benzene	6.038	78	59715	19.554	ug/l	100
35) Methacrylonitrile	4.928	41	12141	18.931	ug/l	100
36) 1,2-Dichloroethane	6.092	62	21785	19.786	ug/l	100
37) Trichloroethene	7.129	130	17412	19.400	ug/l	100
38) Methylcyclohexane	7.379	83	24718	19.326	ug/l	100
39) 1,2-Dichloropropane	7.434	63	14468	18.944	ug/l	100
40) Dibromomethane	7.580	93	10676	19.368	ug/l	100
41) Bromodichloromethane	7.824	83	20571	19.648	ug/l	100
42) Vinyl Acetate	3.727	43	193195	92.492	ug/l	100

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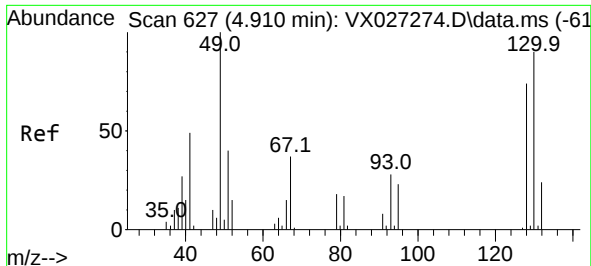
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	21248	18.214	ug/l	100
44) Isopropyl Acetate	6.342	43	32887	18.103	ug/l	100
45) 1,4-Dioxane	7.659	88	7557	401.408	ug/l	100
46) Methyl methacrylate	7.696	41	16513	18.499	ug/l	100
47) n-amyl Acetate	10.842	43	26580	18.363	ug/l	100
48) t-1,3-Dichloropropene	8.982	75	20364	19.426	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	23344	19.740	ug/l	100
50) 1,1,2-Trichloroethane	9.153	97	15144	20.030	ug/l	100
51) Ethyl methacrylate	9.116	69	23028	19.180	ug/l	100
52) 1,3-Dichloropropane	9.311	76	25341	19.570	ug/l	100
53) Dibromochloromethane	9.525	129	16180	20.251	ug/l	100
54) 1,2-Dibromoethane	9.610	107	16177	19.863	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	56963	94.473	ug/l	100
56) Bromoform	10.799	173	11131	19.942	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	110237	93.867	ug/l	100
59) 2-Hexanone	9.433	43	83784	93.823	ug/l	100
61) Tetrachloroethene	9.275	164	17763	19.165	ug/l	100
62) Toluene	8.720	91	65209	19.817	ug/l	100
64) Chlorobenzene	10.079	112	41402	20.131	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	15320	20.037	ug/l	100
66) Ethyl Benzene	10.195	91	73242	20.113	ug/l	100
67) m/p-Xylenes	10.305	106	57496	40.769	ug/l	100
68) o-Xylene	10.640	106	28122	20.320	ug/l	100
69) Styrene	10.659	104	46655	20.305	ug/l	100
70) Isopropylbenzene	10.963	105	74353	20.660	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	21592	20.449	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	21064m	20.028	ug/l	
73) Bromobenzene	11.201	156	18385	20.781	ug/l	100
74) n-propylbenzene	11.305	91	83136	20.224	ug/l	100
75) 2-Chlorotoluene	11.366	91	50799	20.061	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	62529	20.712	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	5575	18.261	ug/l	100
78) 4-Chlorotoluene	11.457	91	57572	20.292	ug/l	100
79) tert-butylbenzene	11.713	119	60367	20.756	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	61476	20.458	ug/l	100
81) sec-Butylbenzene	11.890	105	75024	20.374	ug/l	100
82) p-Isopropyltoluene	12.012	119	65941	21.084	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	33535	20.397	ug/l	100
84) 1,4-Dichlorobenzene	12.043	146	33153	20.166	ug/l	100
85) n-Butylbenzene	12.335	91	51413	19.954	ug/l	100
86) Hexachloroethane	12.536	117	9507	19.283	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	33292	20.877	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.945	75	4840	18.857	ug/l	100
89) 1,2,4-Trichlorobenzene	13.591	180	20781	20.509	ug/l	100
90) Hexachlorobutadiene	13.725	225	8803	20.702	ug/l	100
91) Naphthalene	13.780	128	70981	20.129	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	20814	20.348	ug/l	100

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

Manual Integrations APPROVED

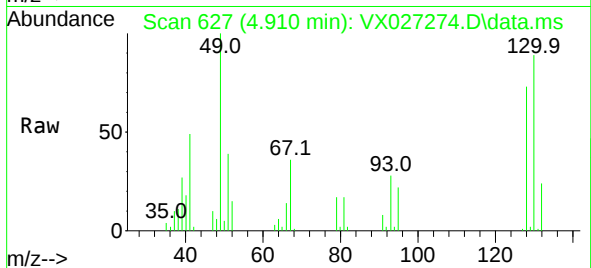
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

[illegible]



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

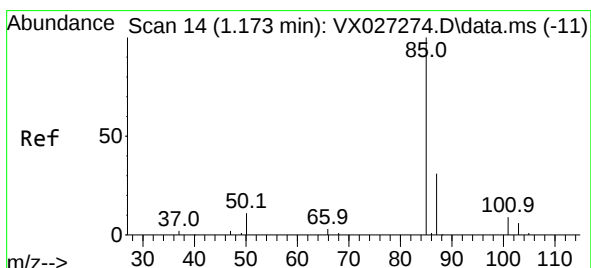
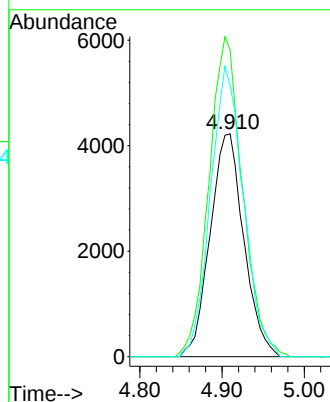
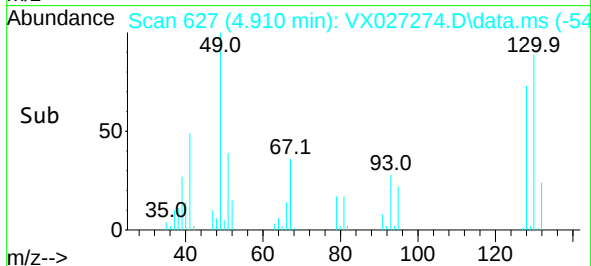
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



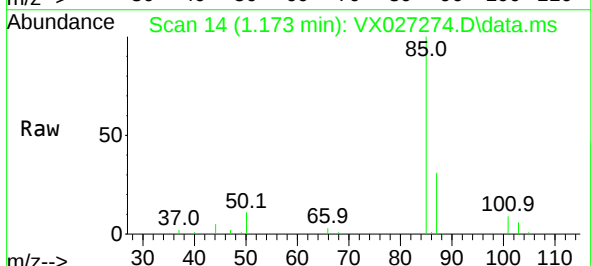
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Ion Ratio Lower Upper
128 100
49 143.3 0.0 358.3
130 127.7 0.0 319.3

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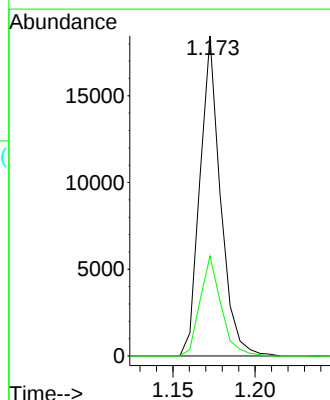
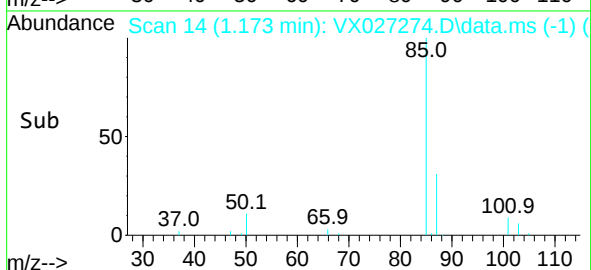
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

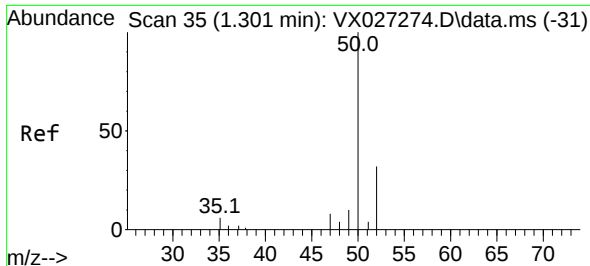


#2
Dichlorodifluoromethane
Concen: 22.737 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42



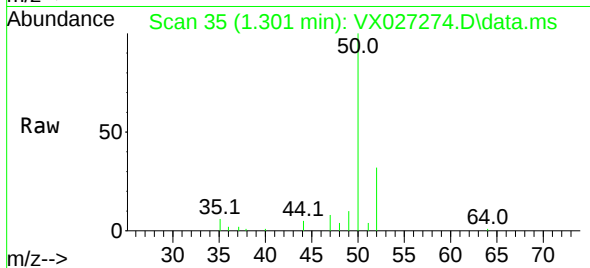
Tgt Ion: 85 Resp: 15986
Ion Ratio Lower Upper
85 100
87 31.2 15.6 46.8





#3
Chloromethane
Concen: 19.825 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

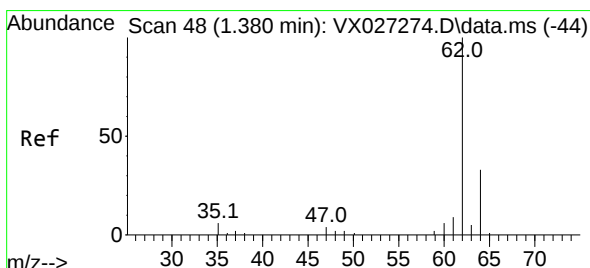
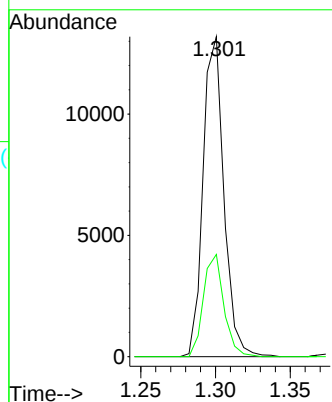
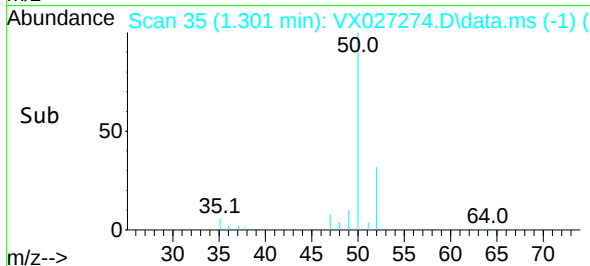
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



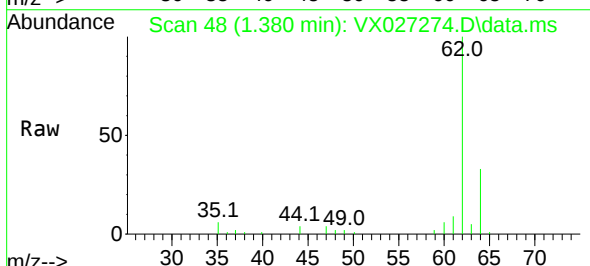
Tgt Ion: 50 Resp: 12770
Ion Ratio Lower Upper
50 100
52 32.0 25.6 38.4

Manual Integrations
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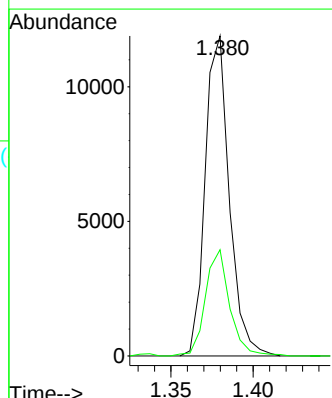
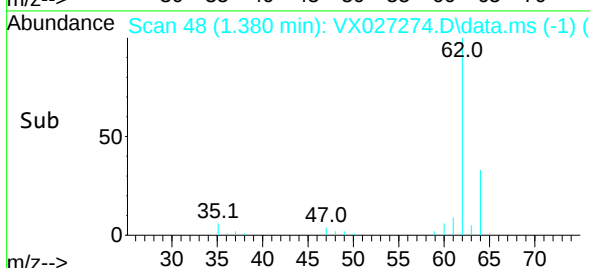
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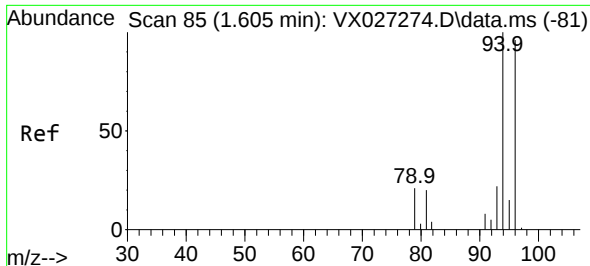


#4
Vinyl Chloride
Concen: 18.890 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42



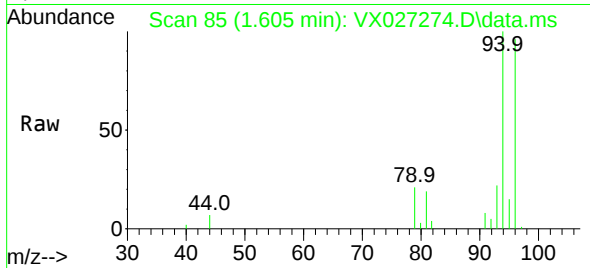
Tgt Ion: 62 Resp: 12107
Ion Ratio Lower Upper
62 100
64 32.7 26.2 39.2





#5
Bromomethane
Concen: 22.708 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

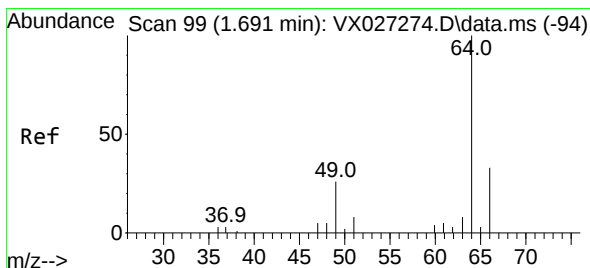
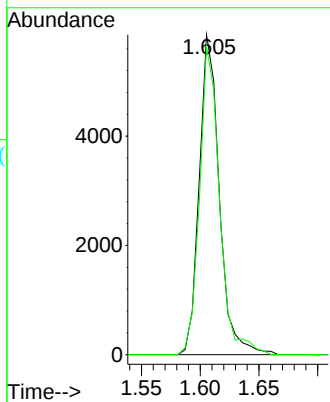
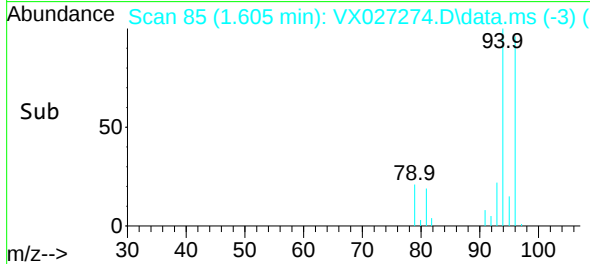
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



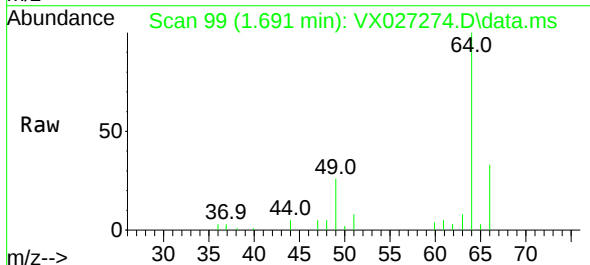
Tgt Ion: 94 Resp: 6988
Ion Ratio Lower Upper
94 100
96 96.3 77.0 115.6

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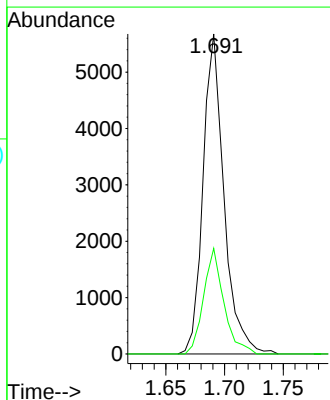
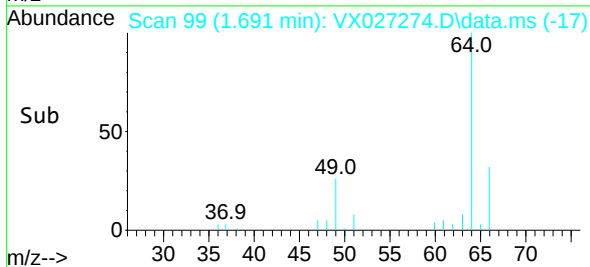
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

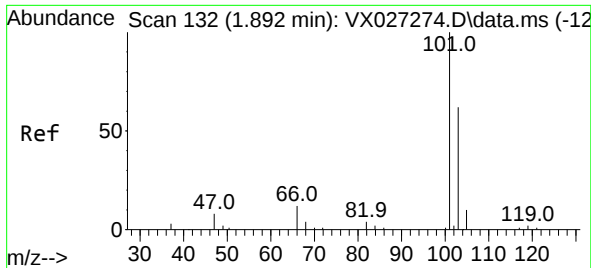


#6
Chloroethane
Concen: 18.627 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42



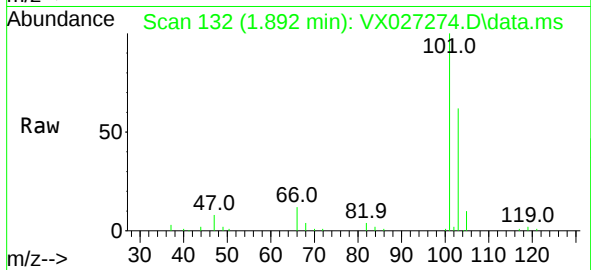
Tgt Ion: 64 Resp: 7037
Ion Ratio Lower Upper
64 100
66 33.0 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 20.111 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027274.D
 Acq: 03 Mar 2022 16:42

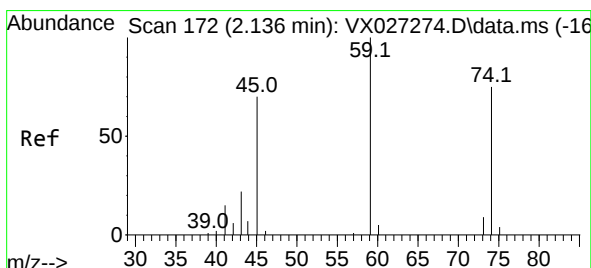
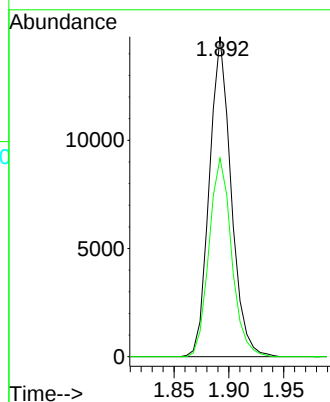
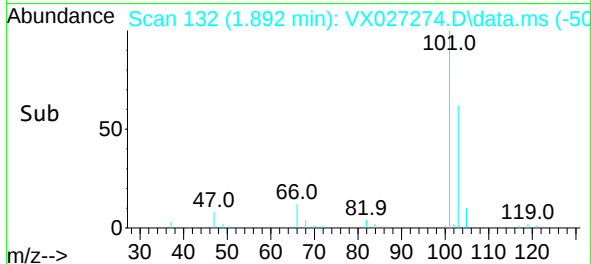
Instrument :
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Tgt Ion:101 Resp: 2039
 Ion Ratio Lower Upper
 101 100
 103 62.0 49.6 74.4

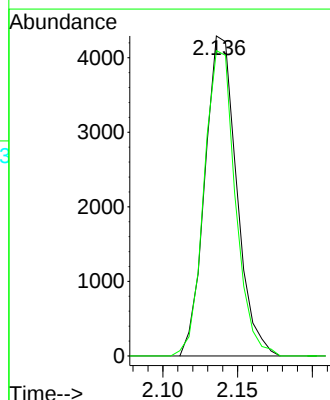
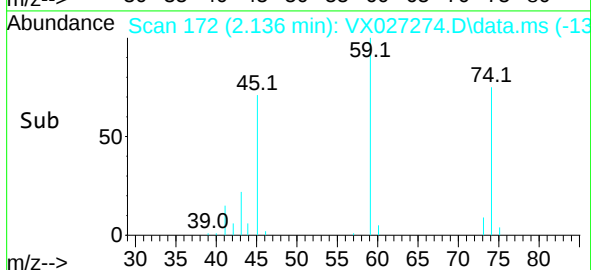
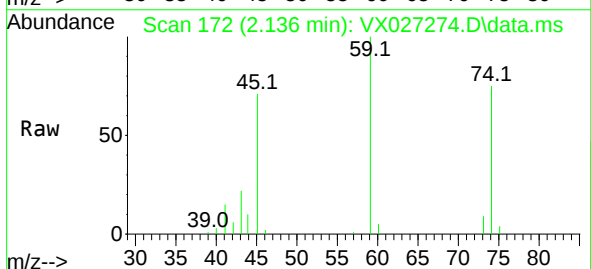
Manual Integrations
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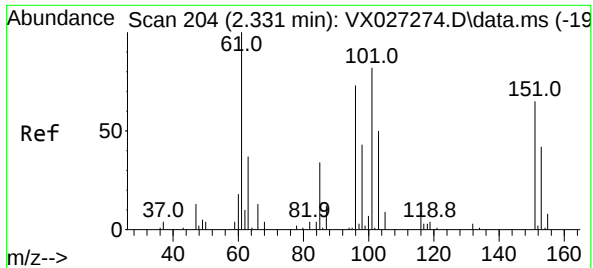
Reviewed By :John Carlone 03/04/2022
 Supervised By :Mahesh Dadoda 03/04/2022



#8
 Diethyl Ether
 Concen: 17.833 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX027274.D
 Acq: 03 Mar 2022 16:42

Tgt Ion: 74 Resp: 6337
 Ion Ratio Lower Upper
 74 100
 45 93.7 18.7 168.7





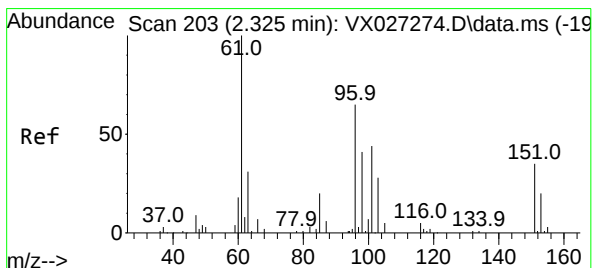
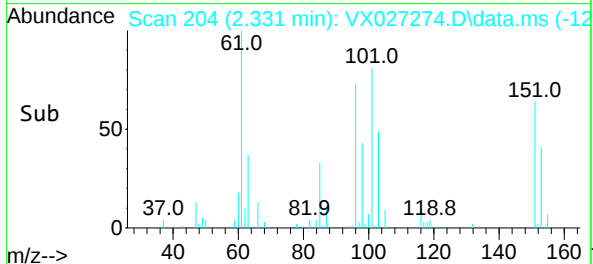
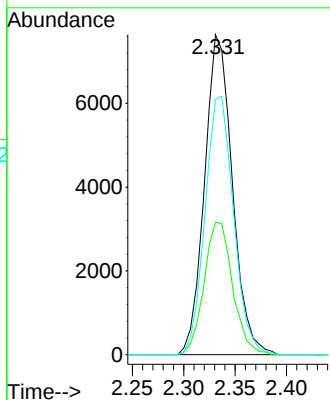
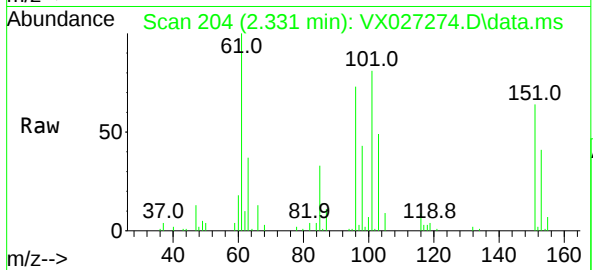
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1,1,2-Trichlorotrifluoroethane
Concen: 20.378 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 14418
Ion Ratio Lower Upper
101 100
85 42.3 0.0 84.6
151 82.7 0.0 165.4

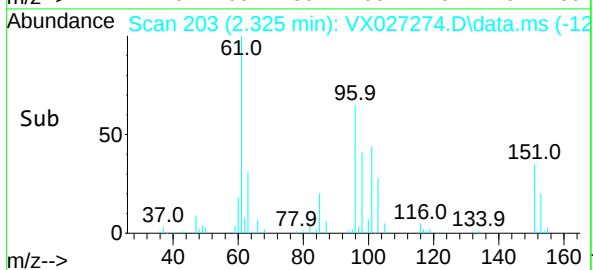
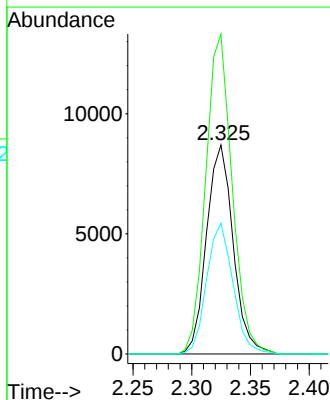
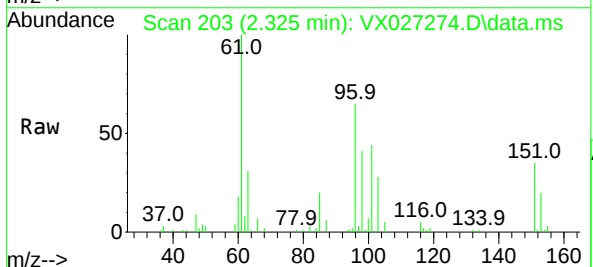
Manual Integrations
APPROVED

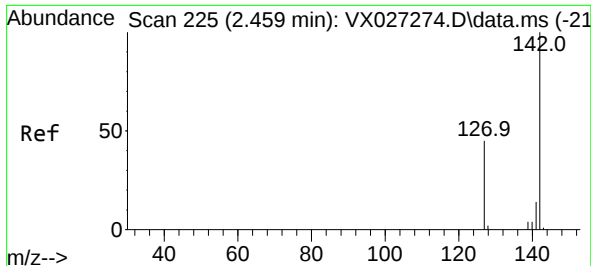
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#10
1,1-Dichloroethene
Concen: 19.933 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

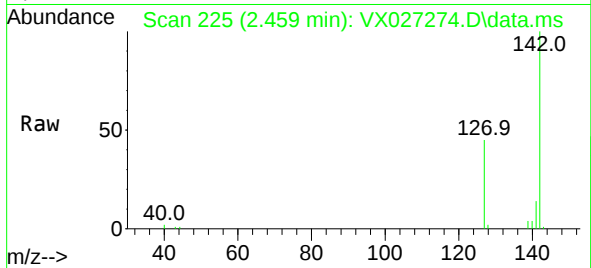
Tgt Ion: 96 Resp: 13753
Ion Ratio Lower Upper
96 100
61 153.2 122.6 183.8
98 62.6 50.1 75.1





#11
Methyl Iodide
Concen: 15.862 ug/l
RT: 2.459 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

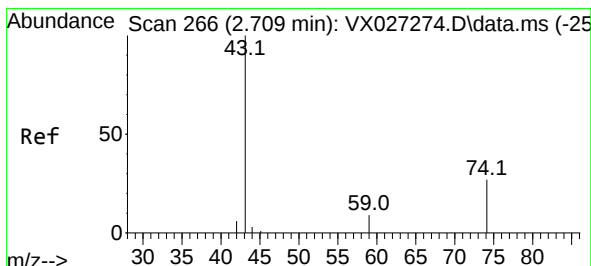
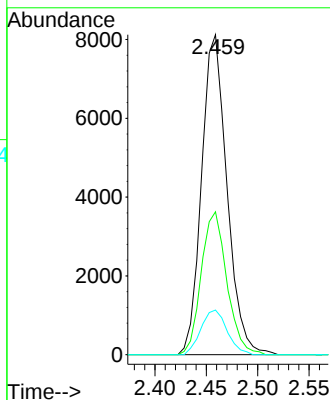
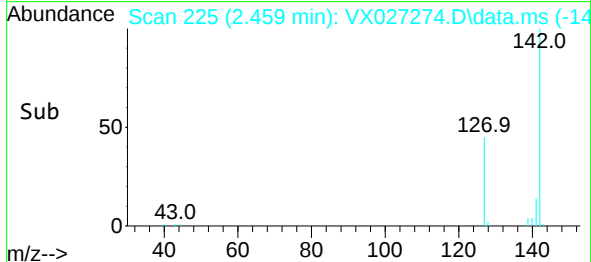
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



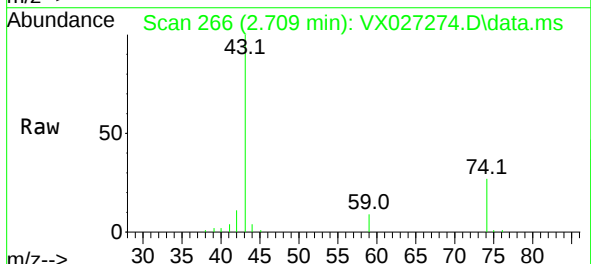
Tgt Ion:142 Resp: 13978
Ion Ratio Lower Upper
142 100
127 44.6 22.3 66.9
141 13.9 7.0 20.9

Manual Integrations
APPROVED

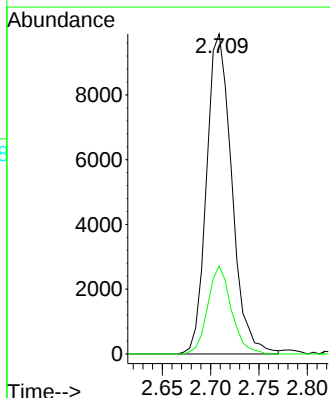
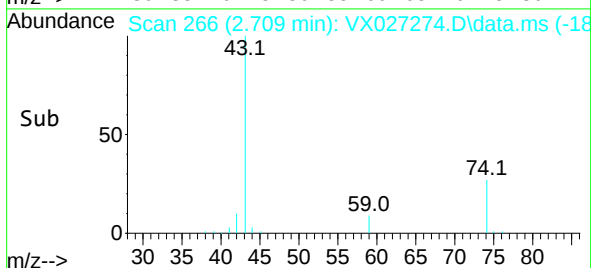
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

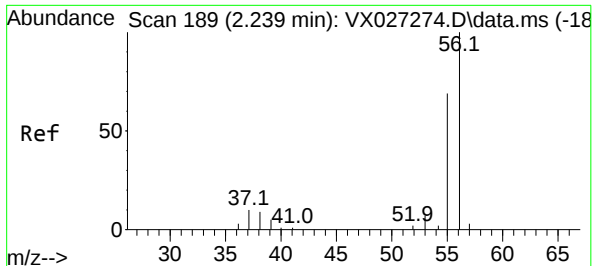


#12
Methyl Acetate
Concen: 18.026 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42



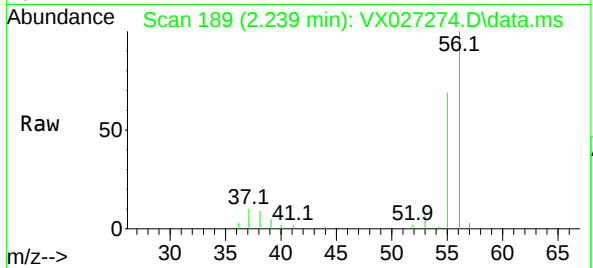
Tgt Ion: 43 Resp: 17913
Ion Ratio Lower Upper
43 100
74 27.6 22.1 33.1





#13
Acrolein
Concen: 82.161 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

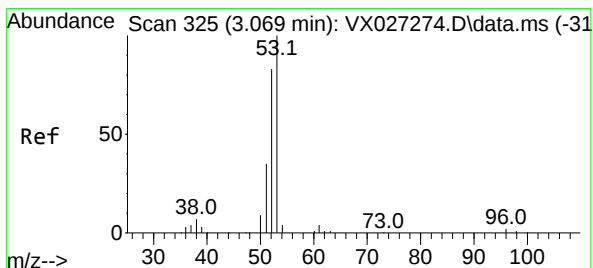
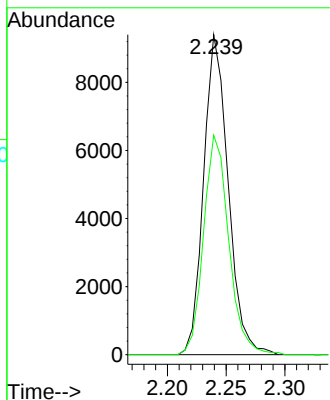
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



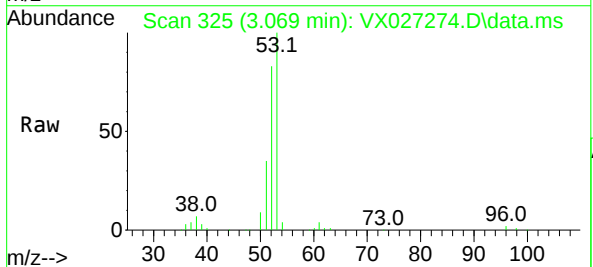
Tgt Ion: 56 Resp: 1364
Ion Ratio Lower Upper
56 100
55 70.5 56.4 84.6

Manual Integrations
APPROVED

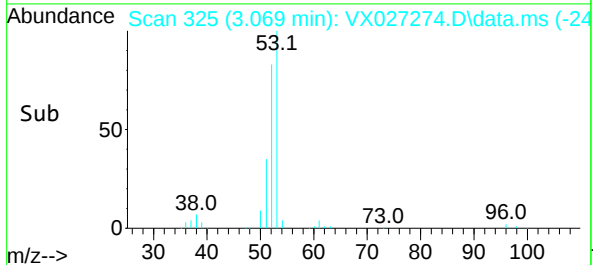
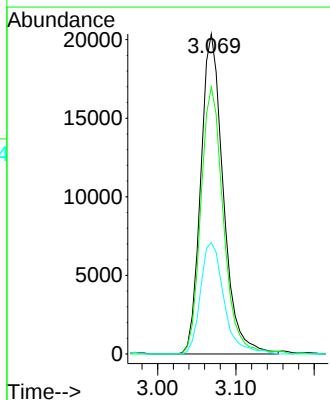
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

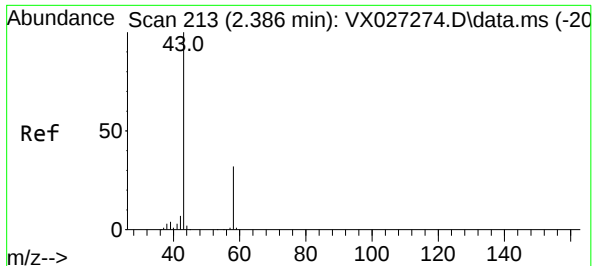


#14
Acrylonitrile
Concen: 93.226 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42



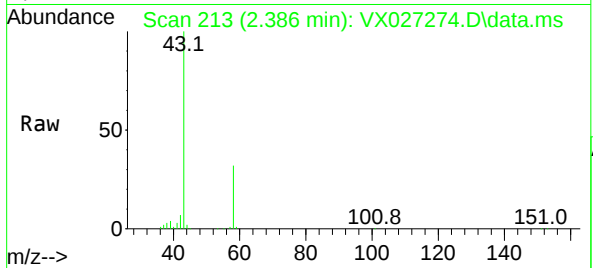
Tgt Ion: 53 Resp: 40711
Ion Ratio Lower Upper
53 100
52 83.0 41.5 124.5
51 36.3 18.1 54.4





#15
Acetone
Concen: 102.330 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

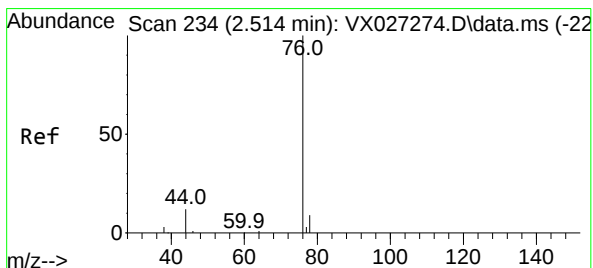
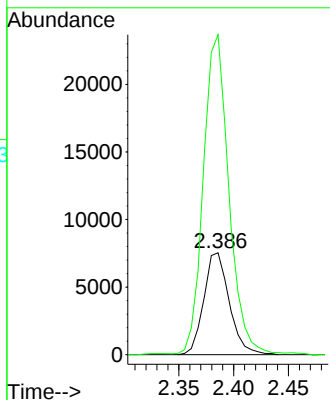
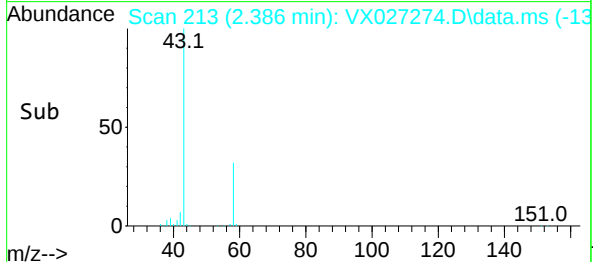
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 58 Resp: 12209
Ion Ratio Lower Upper
58 100
43 312.7 250.2 375.2

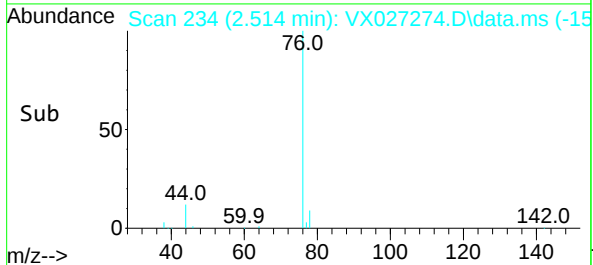
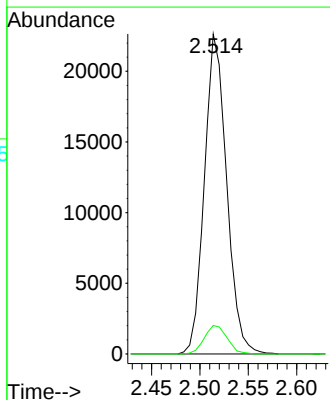
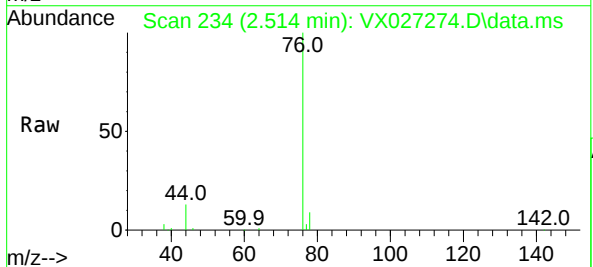
Manual Integrations
APPROVED

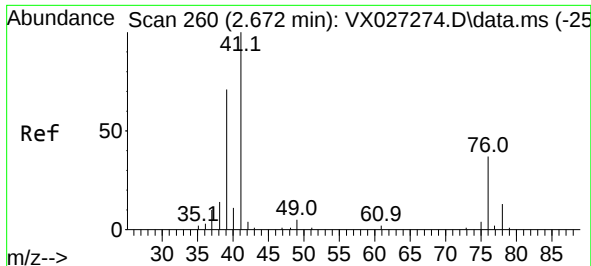
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#16
Carbon Disulfide
Concen: 19.912 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

Tgt Ion: 76 Resp: 36246
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7





#17

Allyl chloride

Concen: 18.721 ug/l

RT: 2.672 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX027274.D

Acq: 03 Mar 2022 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

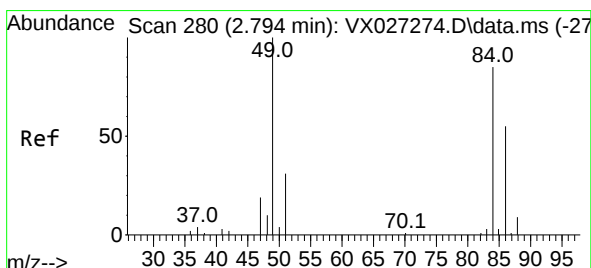
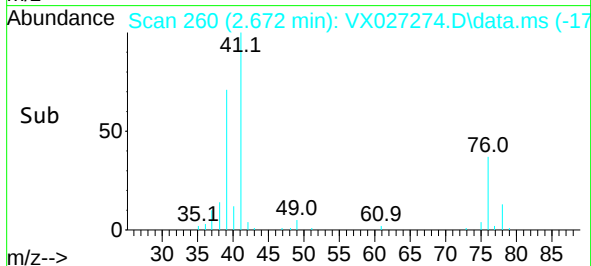
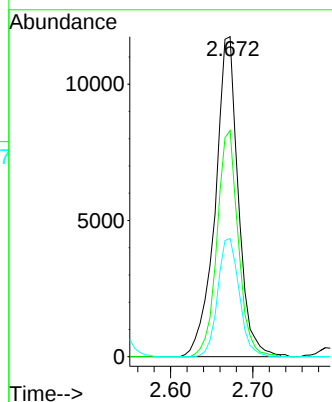
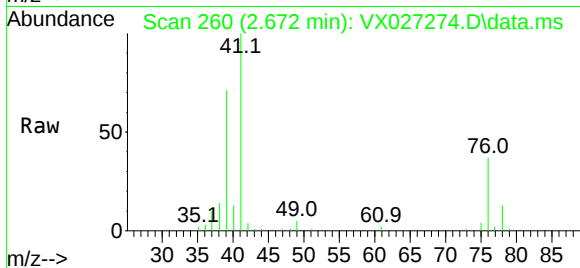
Tgt Ion:	41	Resp:	2300
Ion	Ratio	Lower	Upper
41	100		
39	70.7	35.4	106.1
76	36.9	18.4	55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#18

Methylene Chloride

Concen: 20.071 ug/l

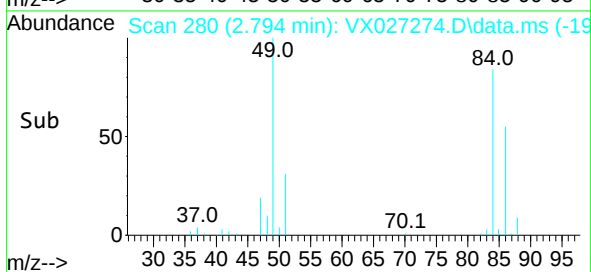
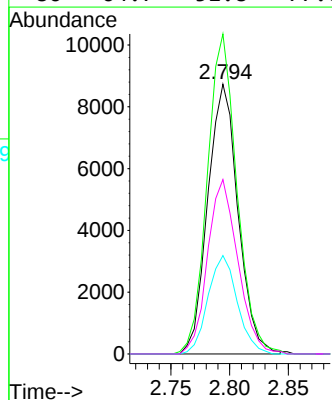
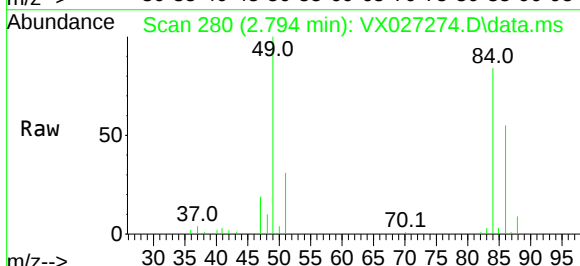
RT: 2.794 min Scan# 280

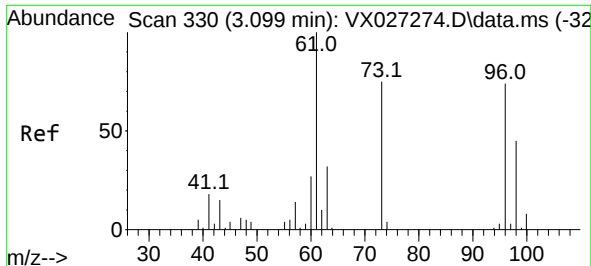
Delta R.T. 0.000 min

Lab File: VX027274.D

Acq: 03 Mar 2022 16:42

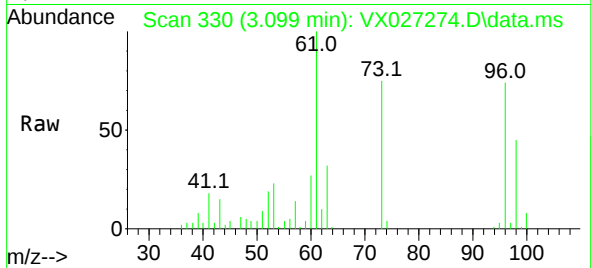
Tgt Ion:	84	Resp:	15657
Ion	Ratio	Lower	Upper
84	100		
49	117.7	94.2	141.2
51	36.5	29.2	43.8
86	64.7	51.8	77.6





#19
trans-1,2-Dichloroethene
Concen: 19.726 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

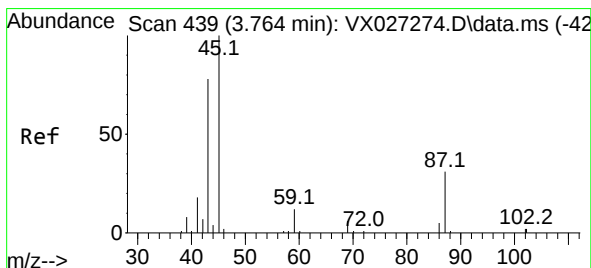
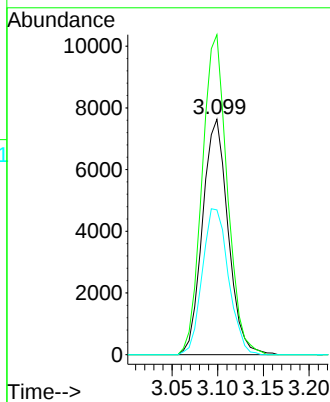
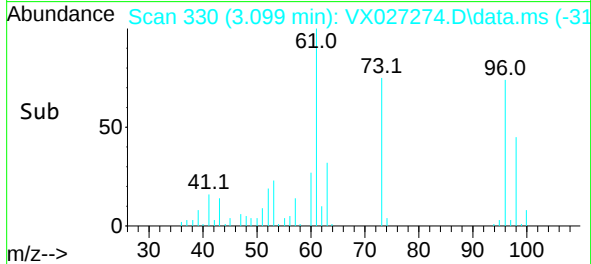
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



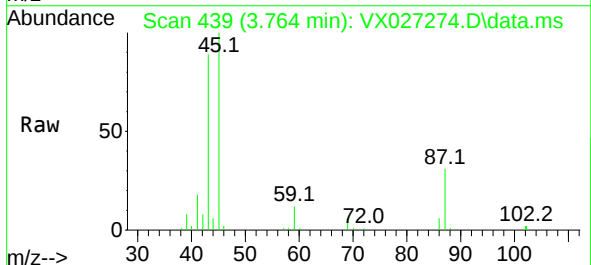
Tgt Ion: 96 Resp: 14872
Ion Ratio Lower Upper
96 100
61 135.9 108.7 163.1
98 61.5 49.2 73.8

Manual Integrations
APPROVED

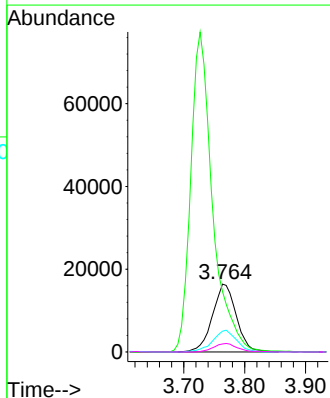
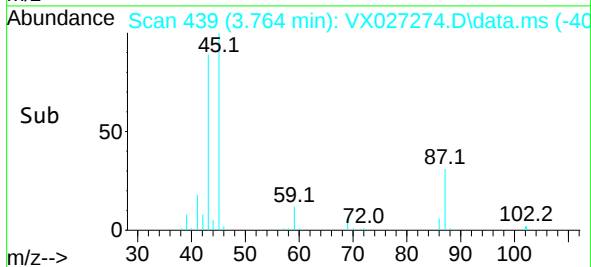
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

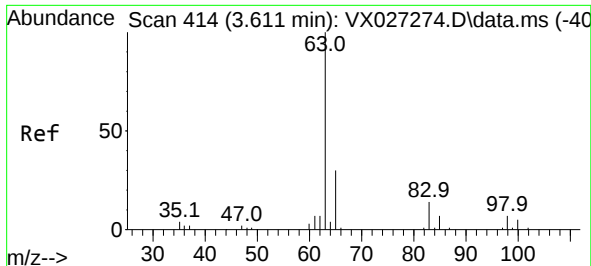


#20
Diisopropyl ether
Concen: 18.527 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42



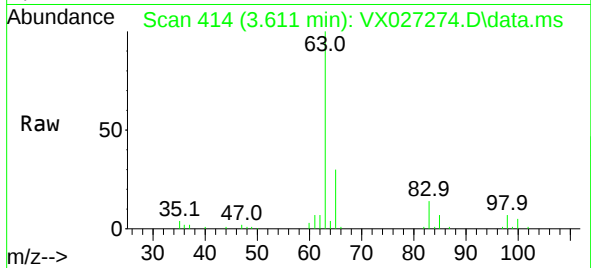
Tgt Ion: 45 Resp: 44503
Ion Ratio Lower Upper
45 100
43 87.9 70.3 105.5
87 30.6 24.5 36.7
59 11.8 9.4 14.2





#21
1,1-Dichloroethane
Concen: 19.161 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

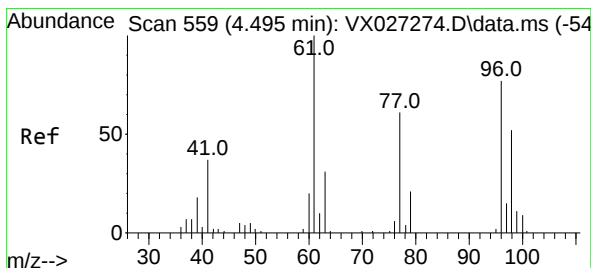
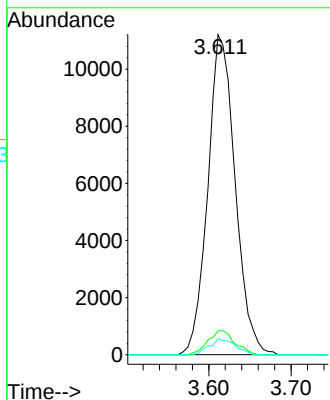
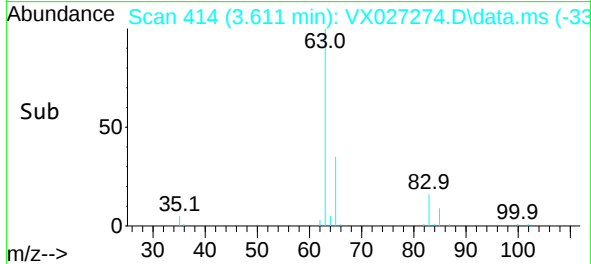
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



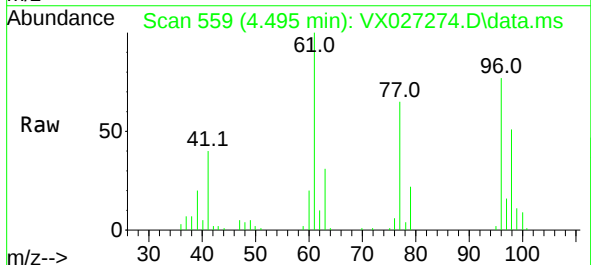
Tgt Ion: 63 Resp: 2593
Ion Ratio Lower Upper
63 100
98 7.5 3.8 11.2
100 5.0 2.5 7.5

Manual Integrations
APPROVED

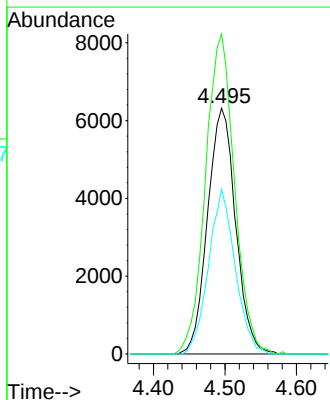
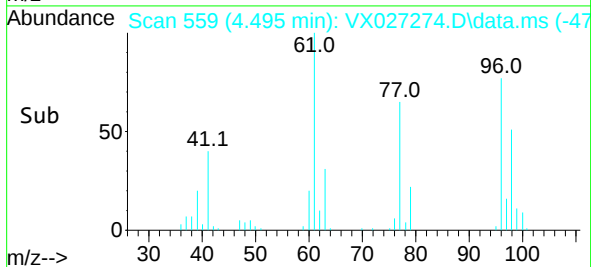
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

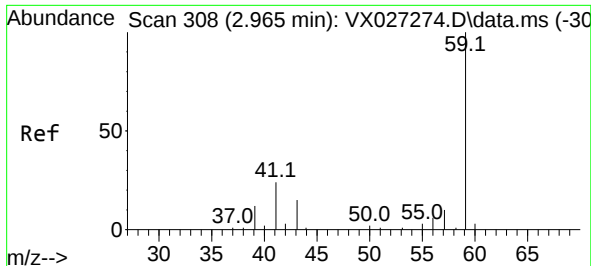


#22
cis-1,2-Dichloroethene
Concen: 19.853 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42



Tgt Ion: 96 Resp: 17211
Ion Ratio Lower Upper
96 100
61 134.3 107.4 161.2
98 63.9 51.1 76.7





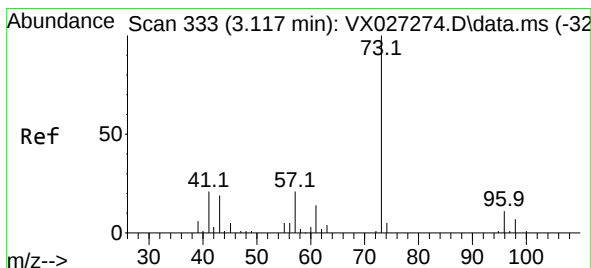
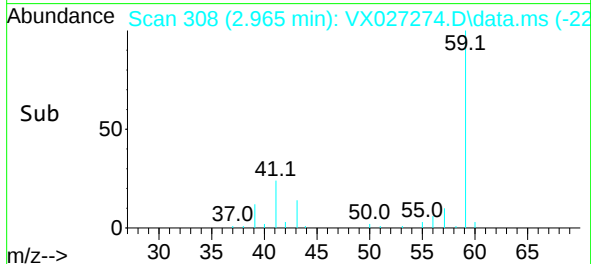
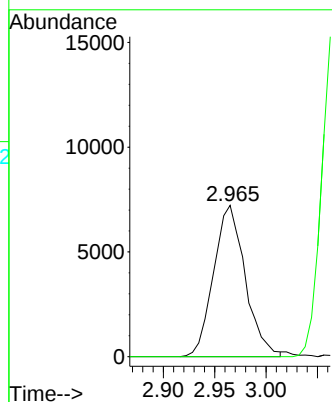
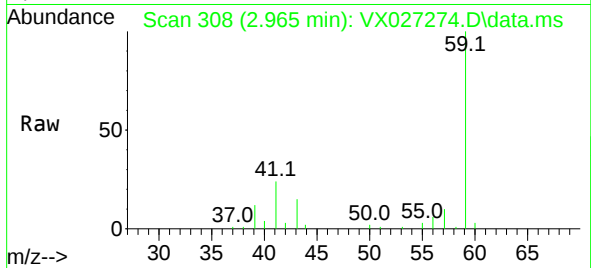
#23
tert-Butyl Alcohol
Concen: 90.445 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 59 Resp: 1545
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

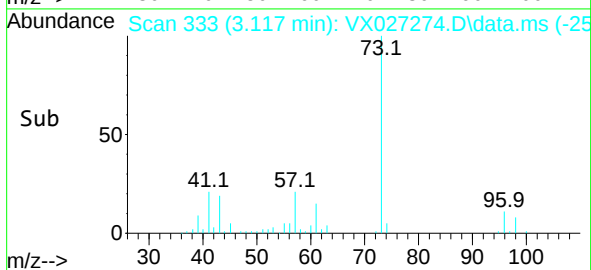
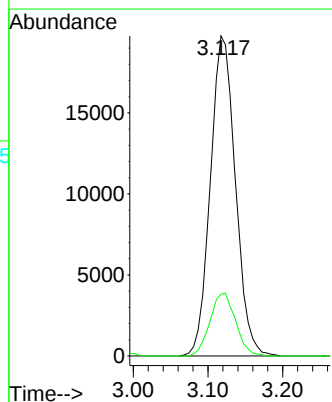
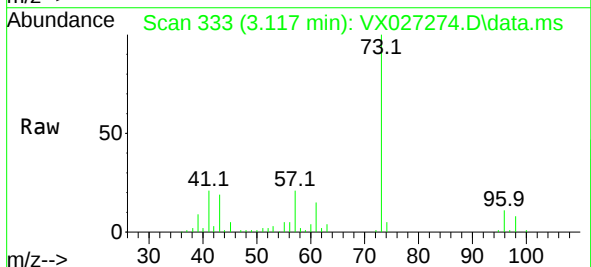
Manual Integrations
APPROVED

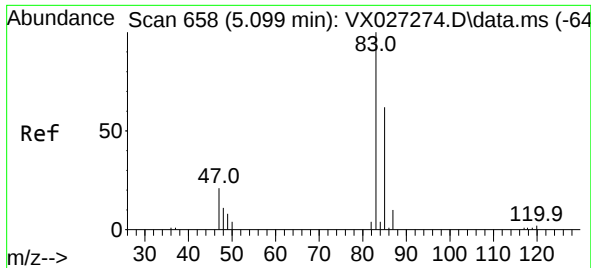
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#24
Methyl tert-Butyl Ether
Concen: 19.098 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

Tgt Ion: 73 Resp: 45948
Ion Ratio Lower Upper
73 100
43 20.0 16.0 24.0





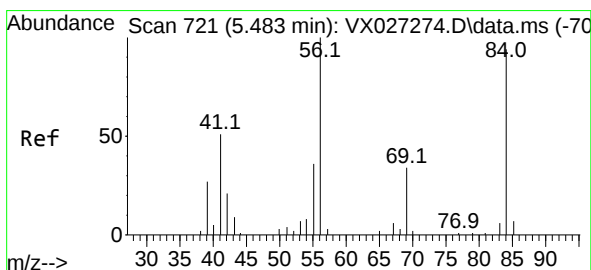
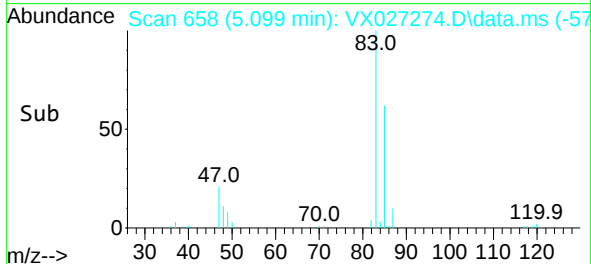
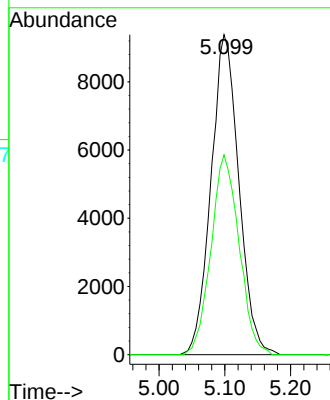
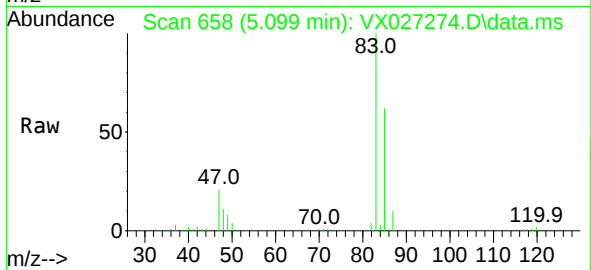
#25
Chloroform
Concen: 19.810 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 2767
Ion Ratio Lower Upper
83 100
85 62.4 49.9 74.9

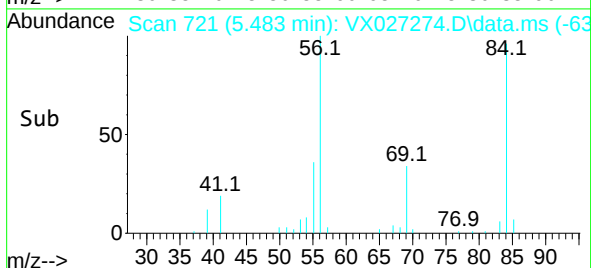
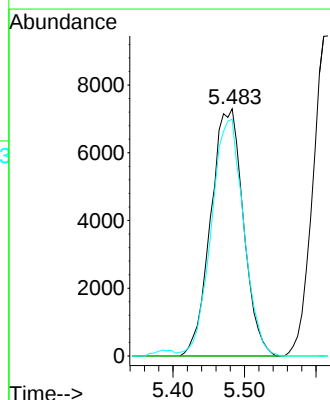
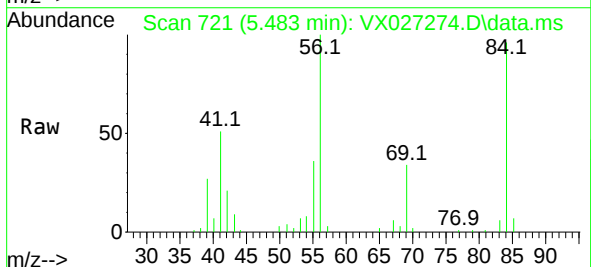
Manual Integrations
APPROVED

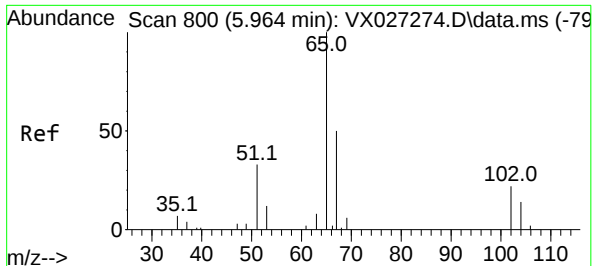
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#26
Cyclohexane
Concen: 18.561 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

Tgt Ion: 56 Resp: 23089
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 95.2 76.2 114.2





#27

1,2-Dichloroethane-d4

Concen: 28.769 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027274.D

Acq: 03 Mar 2022 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 65 Resp: 24768

Ion Ratio Lower Upper

65 100

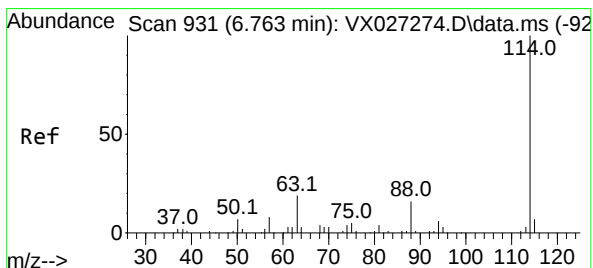
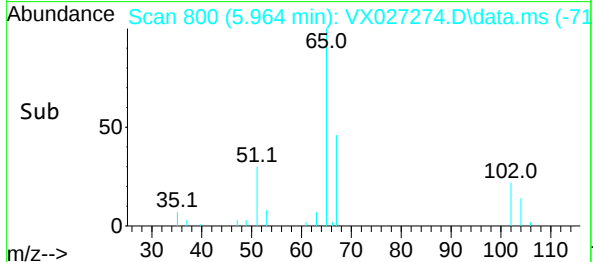
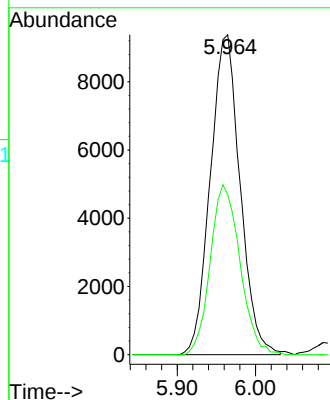
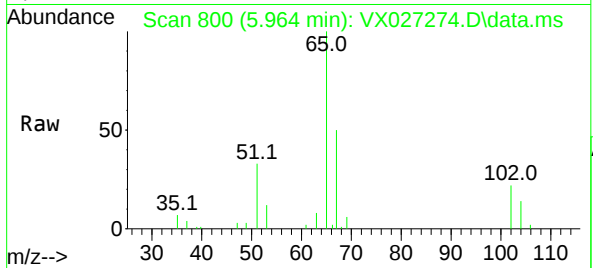
67 52.9 42.3 63.5

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: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027274.D

Acq: 03 Mar 2022 16:42

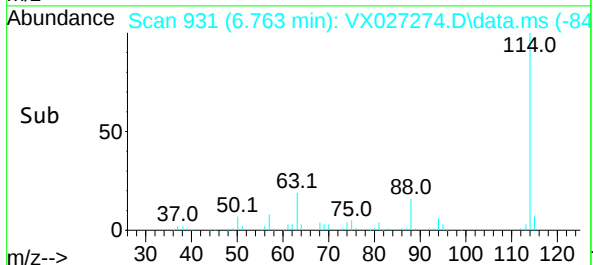
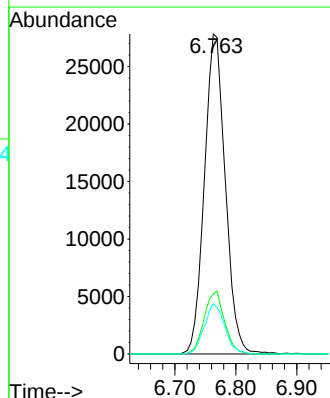
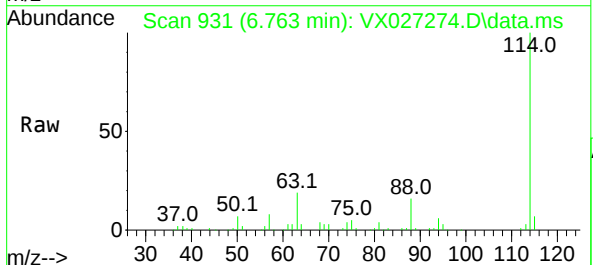
Tgt Ion:114 Resp: 66448

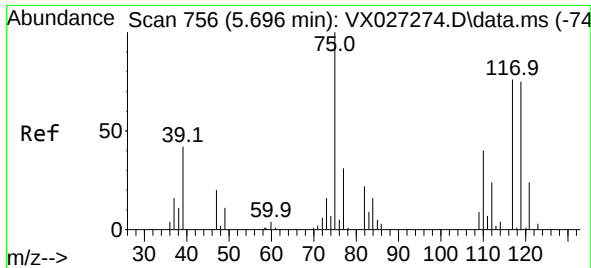
Ion Ratio Lower Upper

114 100

63 19.1 15.3 22.9

88 15.3 12.2 18.4





#29

1,1-Dichloropropene

Concen: 19.354 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX027274.D

Acq: 03 Mar 2022 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

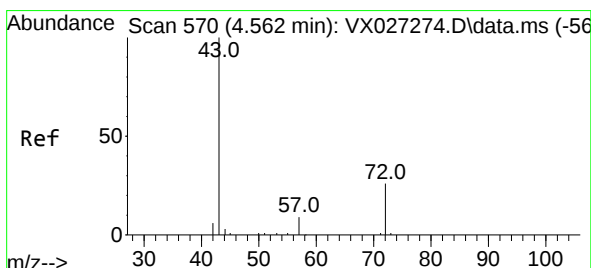
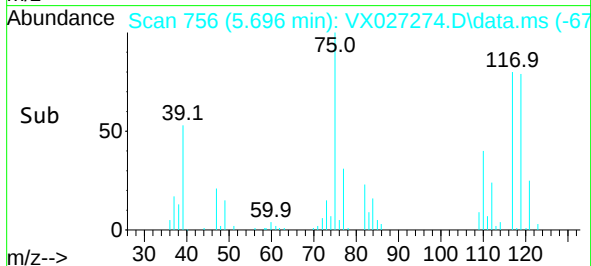
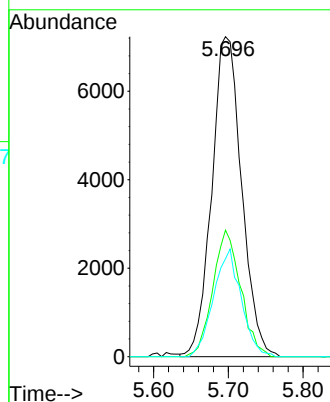
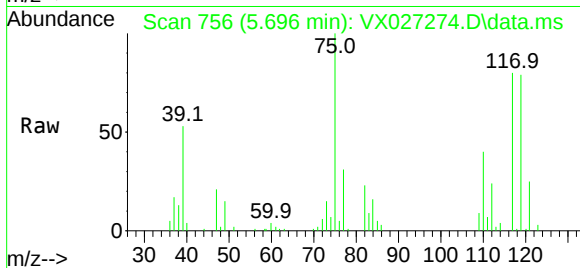
Tgt Ion: 75	Resp: 2092
Ion Ratio	Lower Upper
75 100	
110 36.8	0.0 73.6
77 31.1	0.0 62.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#30

2-Butanone

Concen: 94.724 ug/l

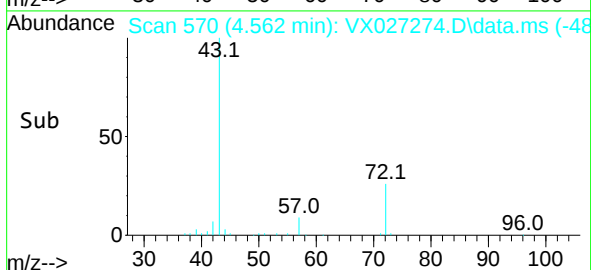
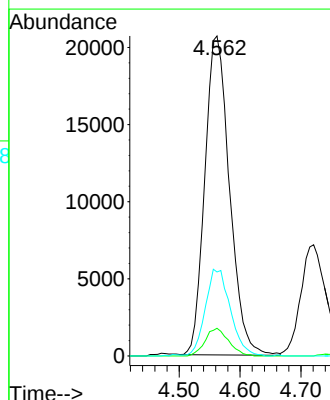
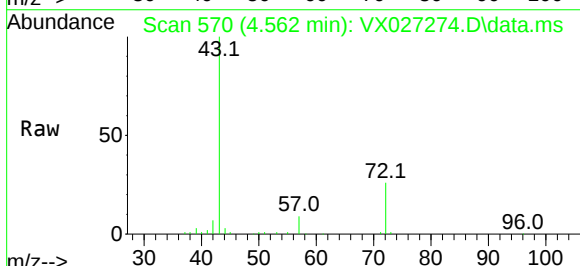
RT: 4.562 min Scan# 570

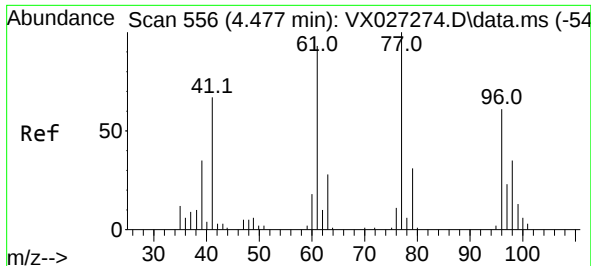
Delta R.T. 0.000 min

Lab File: VX027274.D

Acq: 03 Mar 2022 16:42

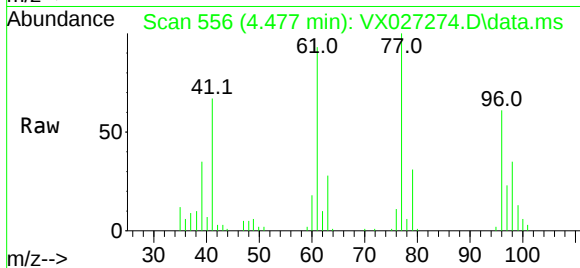
Tgt Ion: 43	Resp: 58302
Ion Ratio	Lower Upper
43 100	
57 8.3	6.6 10.0
72 27.6	22.1 33.1





#31
2,2-Dichloropropane
Concen: 20.878 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

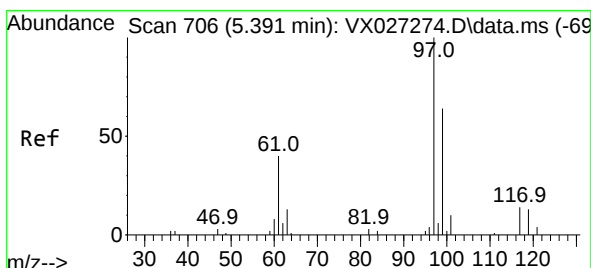
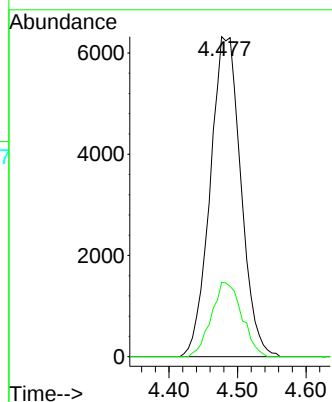
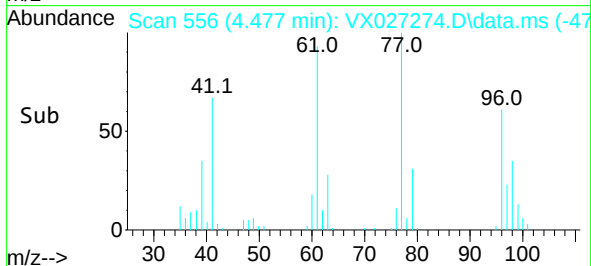
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



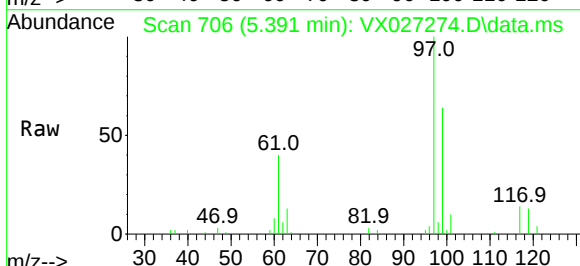
Tgt Ion: 77 Resp: 1967
Ion Ratio Lower Upper
77 100
97 23.0 18.4 27.6

Manual Integrations
APPROVED

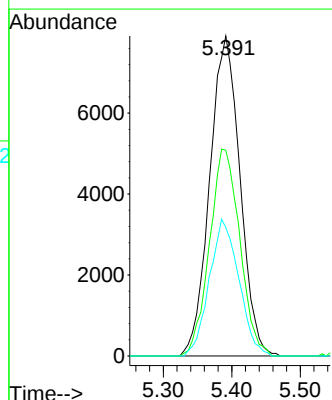
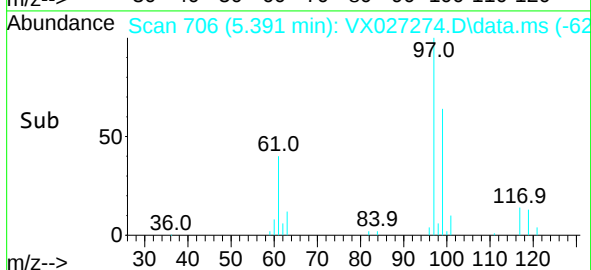
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

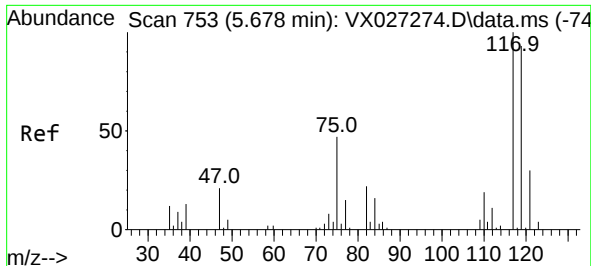


#32
1,1,1-Trichloroethane
Concen: 19.591 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42



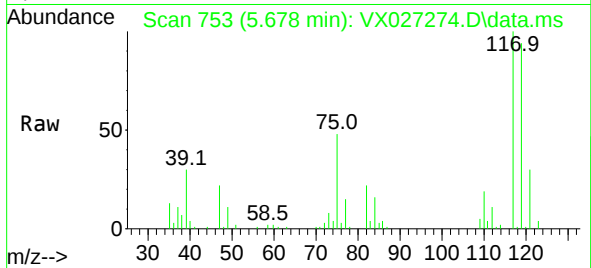
Tgt Ion: 97 Resp: 24270
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.8
61 41.7 33.4 50.0





#33
Carbon Tetrachloride
Concen: 20.048 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

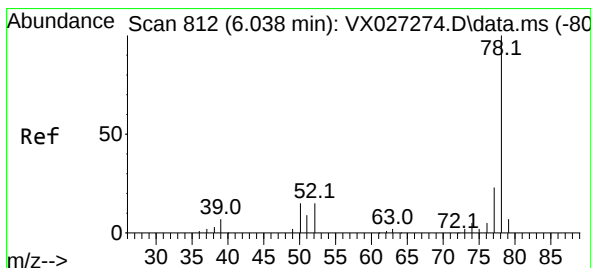
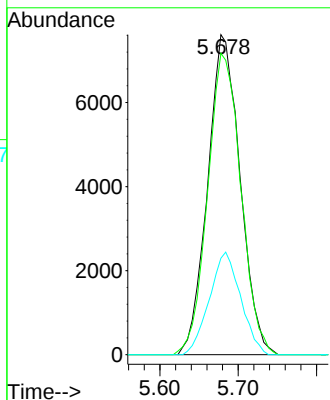
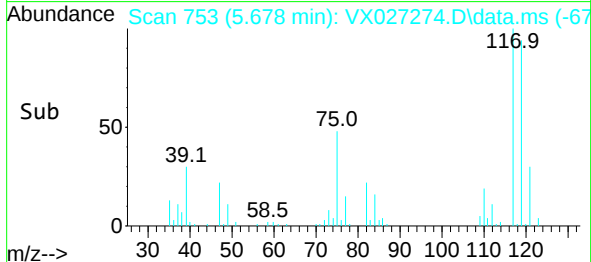
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:117 Resp: 21935
Ion Ratio Lower Upper
117 100
119 94.1 75.3 112.9
121 30.1 24.1 36.1

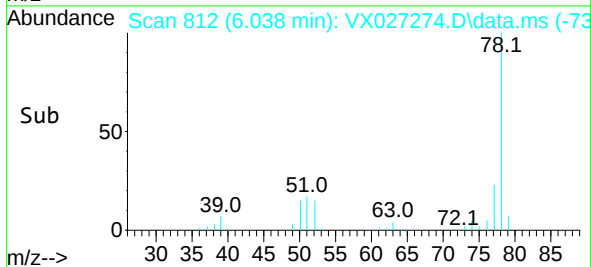
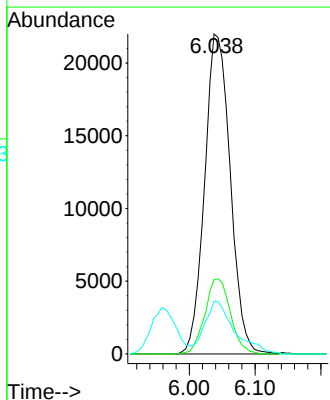
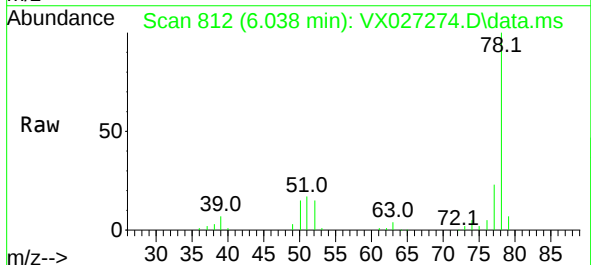
Manual Integrations
APPROVED

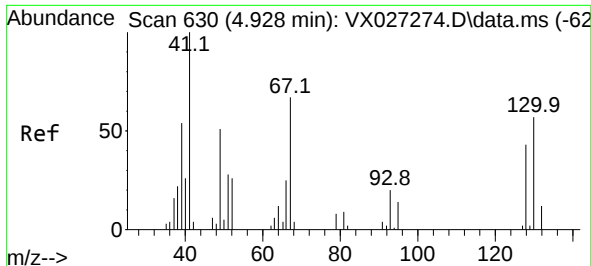
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#34
Benzene
Concen: 19.554 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

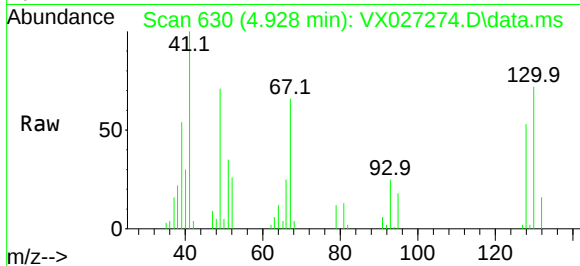
Tgt Ion: 78 Resp: 59715
Ion Ratio Lower Upper
78 100
77 23.1 18.5 27.7
51 16.1 12.9 19.3





#35
Methacrylonitrile
Concen: 18.931 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

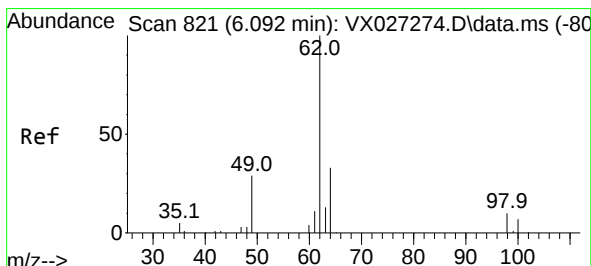
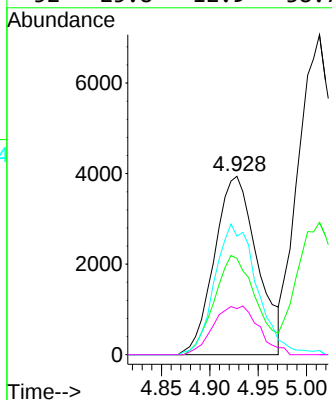
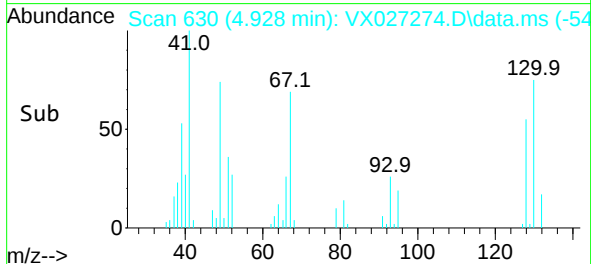
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 41 Resp: 1214
Ion Ratio Lower Upper
41 100
39 54.0 27.0 81.0
67 66.5 33.3 99.8
52 25.8 12.9 38.7

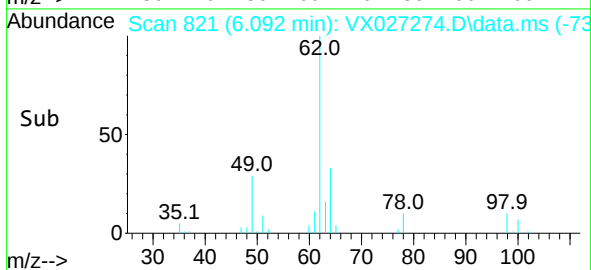
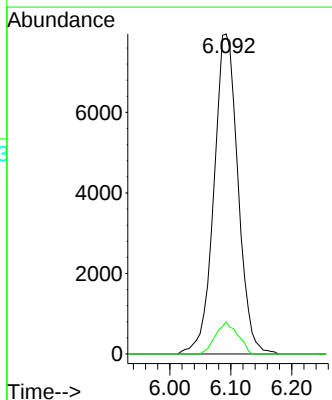
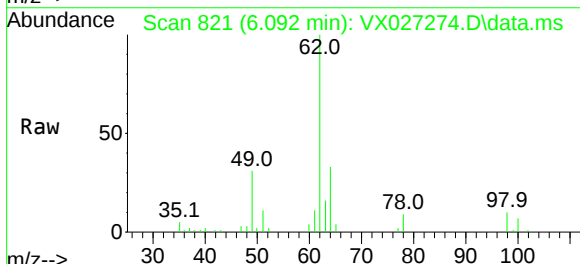
Manual Integrations
APPROVED

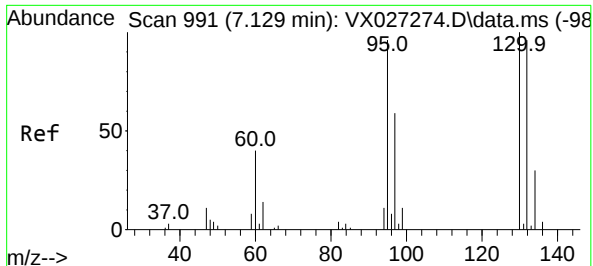
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#36
1,2-Dichloroethane
Concen: 19.786 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

Tgt Ion: 62 Resp: 21785
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0





#37

Trichloroethene

Concen: 19.400 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX027274.D

Acq: 03 Mar 2022 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:130 Resp: 1741

Ion Ratio Lower Upper

130 100

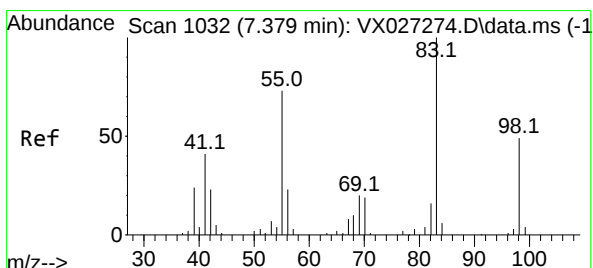
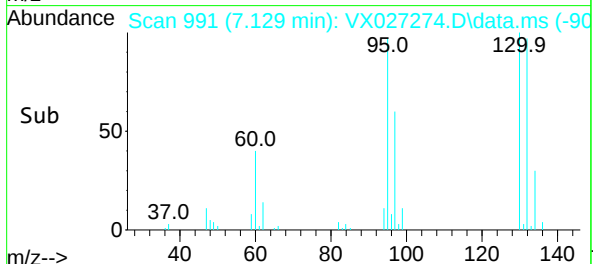
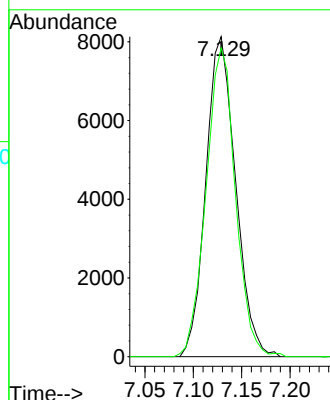
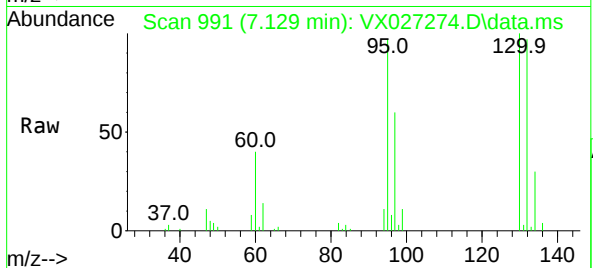
95 95.6 76.5 114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#38

Methylcyclohexane

Concen: 19.326 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX027274.D

Acq: 03 Mar 2022 16:42

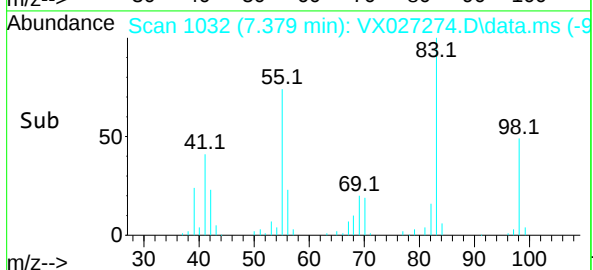
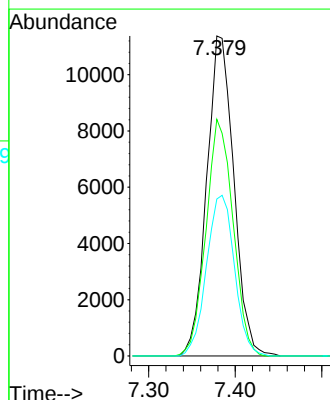
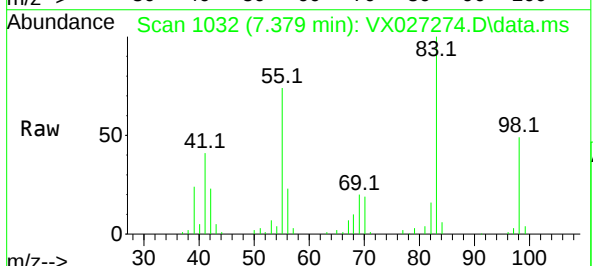
Tgt Ion: 83 Resp: 24718

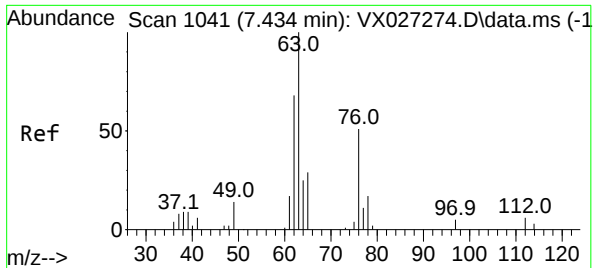
Ion Ratio Lower Upper

83 100

55 73.9 37.0 110.9

98 51.9 25.9 77.8





#39

1,2-Dichloropropane

Concen: 18.944 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX027274.D

Acq: 03 Mar 2022 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 1446

Ion Ratio Lower Upper

63 100

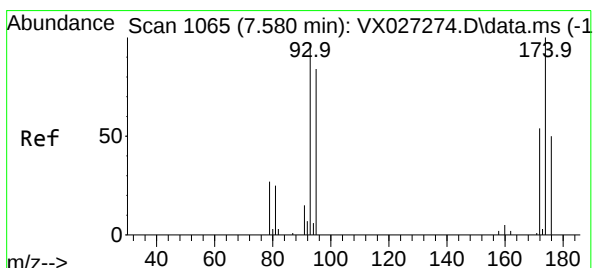
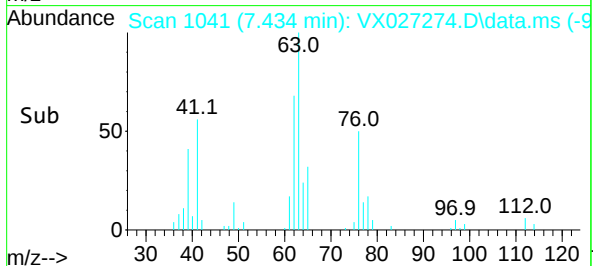
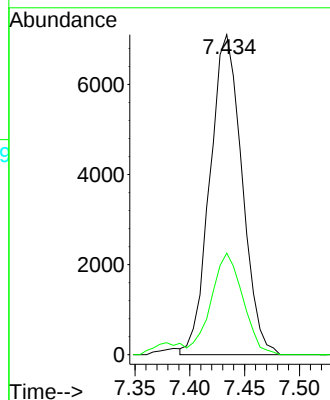
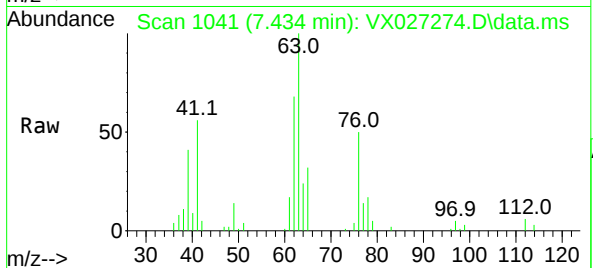
65 31.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#40

Dibromomethane

Concen: 19.368 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX027274.D

Acq: 03 Mar 2022 16:42

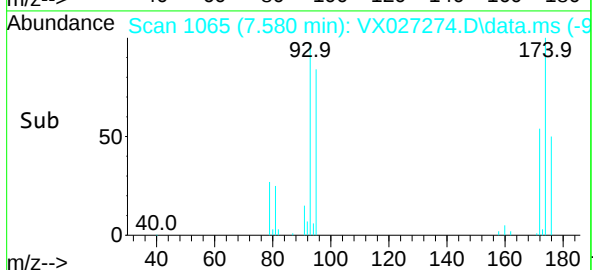
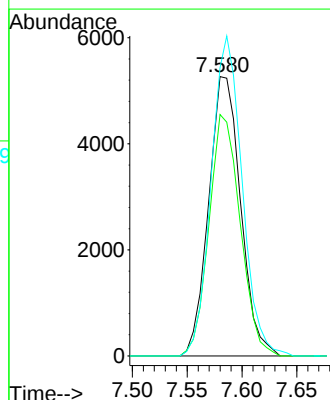
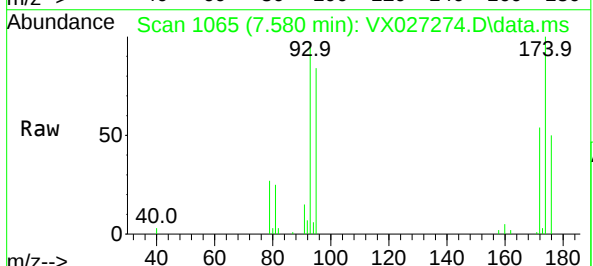
Tgt Ion: 93 Resp: 10676

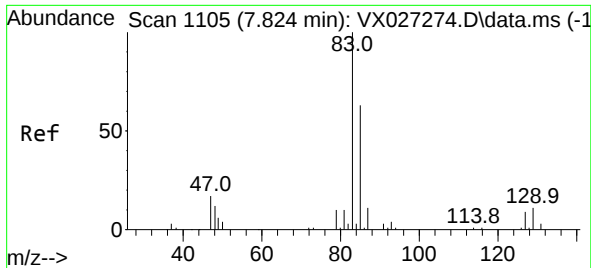
Ion Ratio Lower Upper

93 100

95 84.4 0.0 168.8

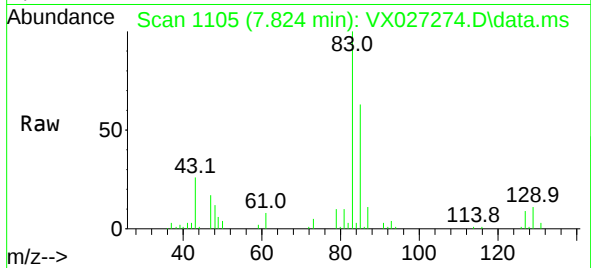
174 110.4 0.0 220.8





#41
Bromodichloromethane
Concen: 19.648 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

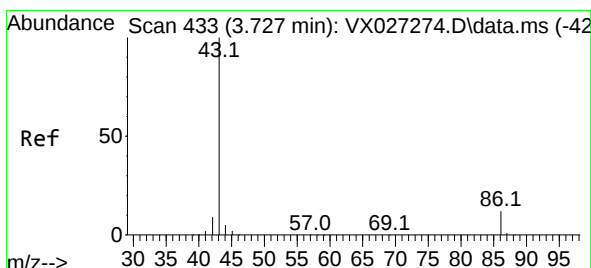
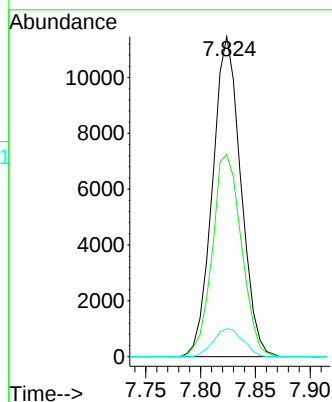
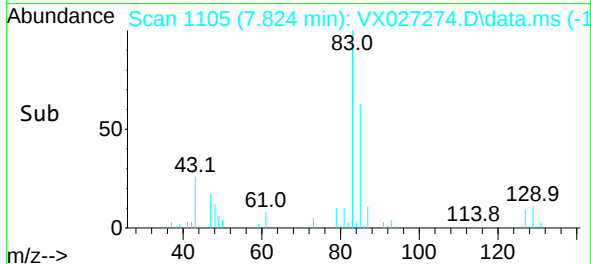
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



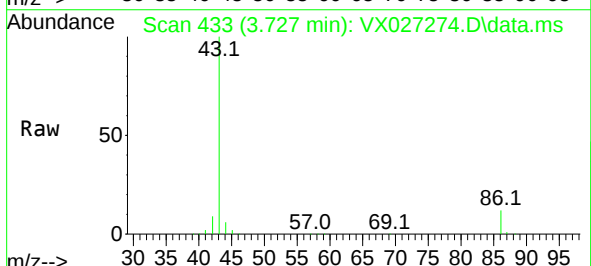
Tgt Ion: 83 Resp: 2057
Ion Ratio Lower Upper
83 100
85 63.2 50.6 75.8
127 8.8 7.0 10.6

Manual Integrations
APPROVED

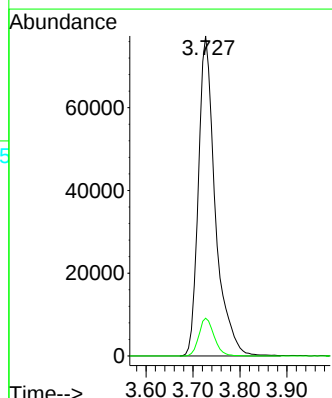
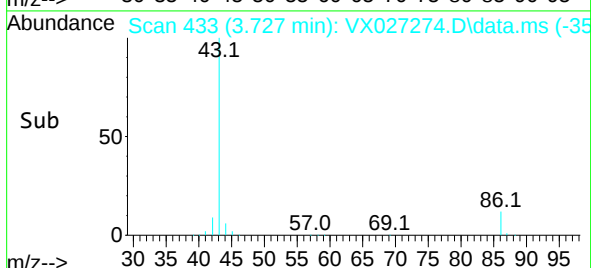
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

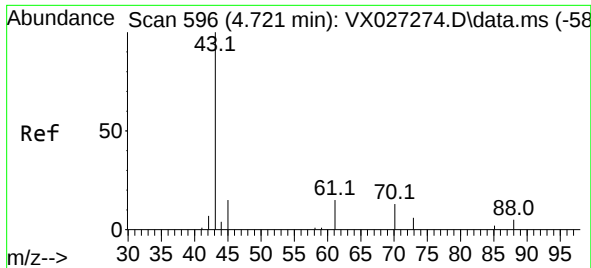


#42
Vinyl Acetate
Concen: 92.492 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42



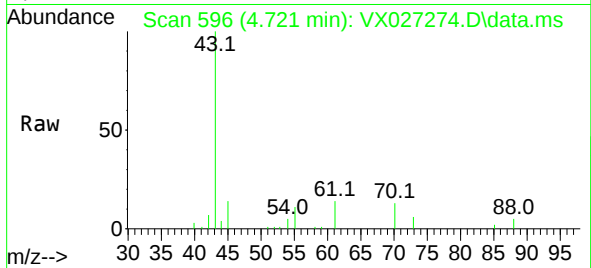
Tgt Ion: 43 Resp: 193195
Ion Ratio Lower Upper
43 100
86 10.6 8.5 12.7





#43
Ethyl Acetate
Concen: 18.214 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

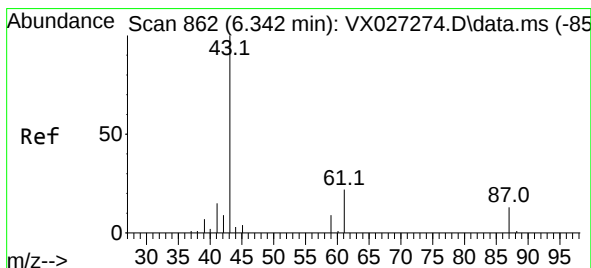
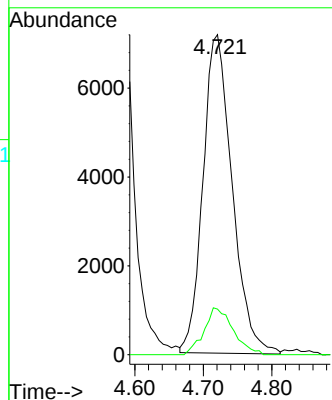
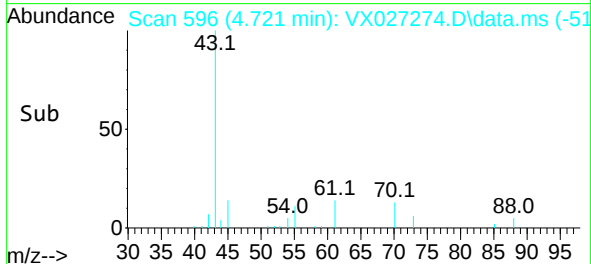
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 21248
Ion Ratio Lower Upper
43 100
45 14.7 11.8 17.6

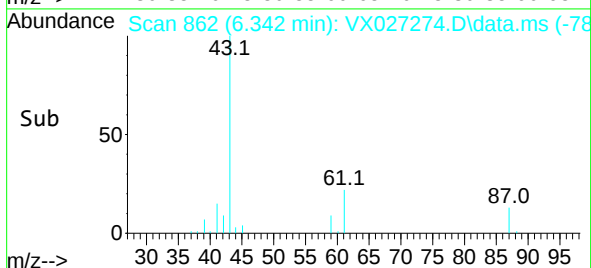
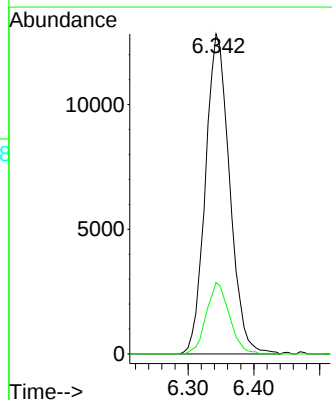
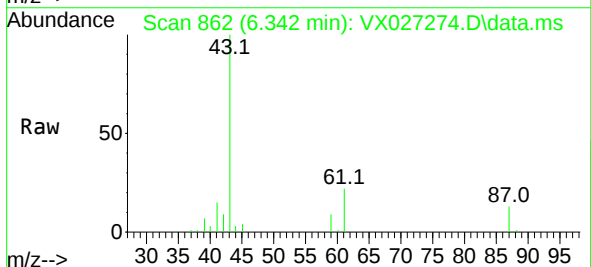
Manual Integrations
APPROVED

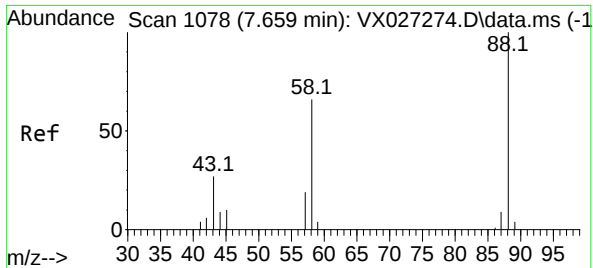
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#44
Isopropyl Acetate
Concen: 18.103 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

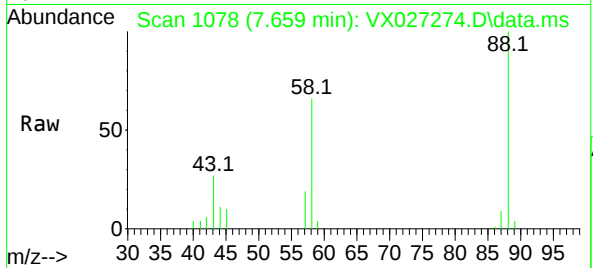
Tgt Ion: 43 Resp: 32887
Ion Ratio Lower Upper
43 100
61 21.2 17.0 25.4





#45
1,4-Dioxane
Concen: 401.408 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

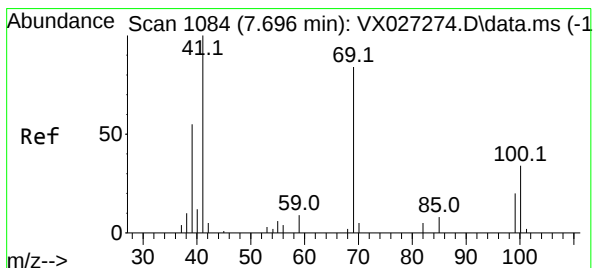
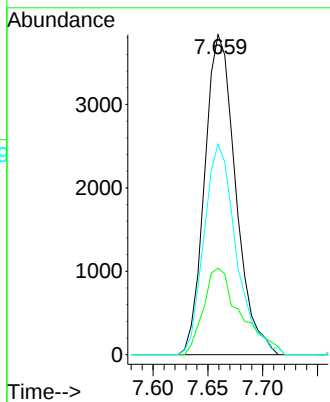
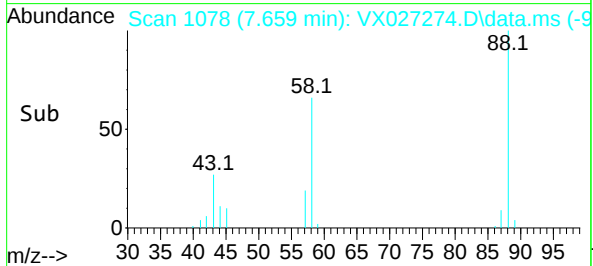
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



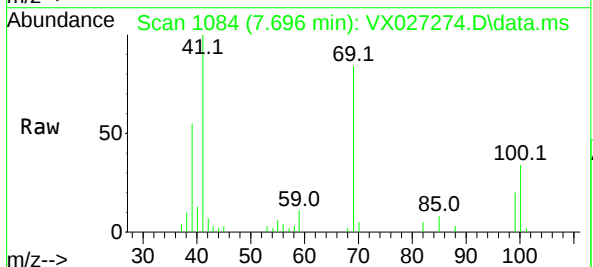
Tgt Ion: 88 Resp: 755
Ion Ratio Lower Upper
88 100
43 32.2 25.8 38.6
58 68.5 54.8 82.2

Manual Integrations
APPROVED

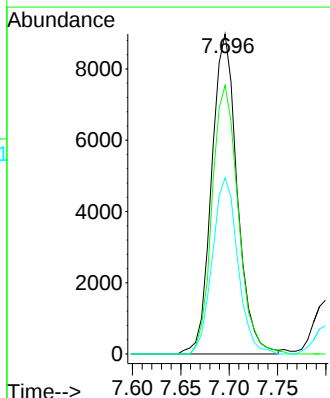
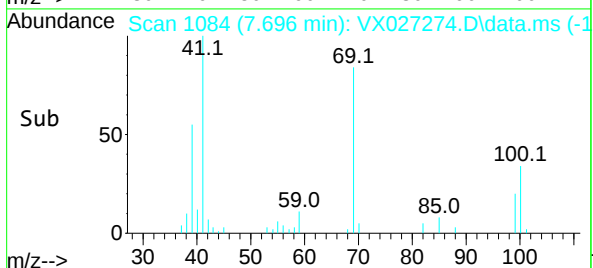
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

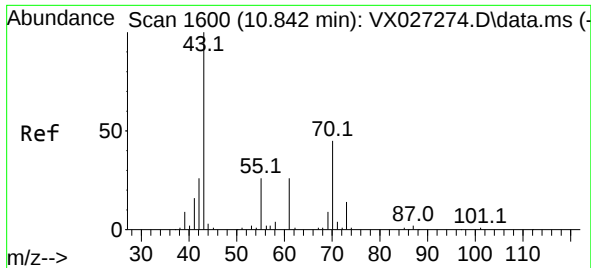


#46
Methyl methacrylate
Concen: 18.499 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42



Tgt Ion: 41 Resp: 16513
Ion Ratio Lower Upper
41 100
69 83.9 41.9 125.8
39 55.0 27.5 82.5





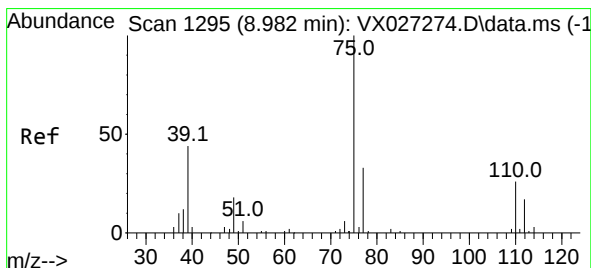
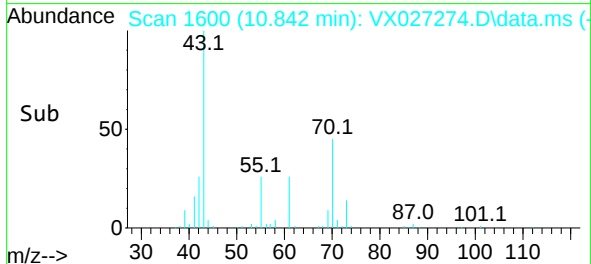
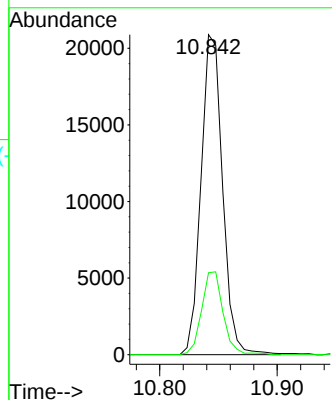
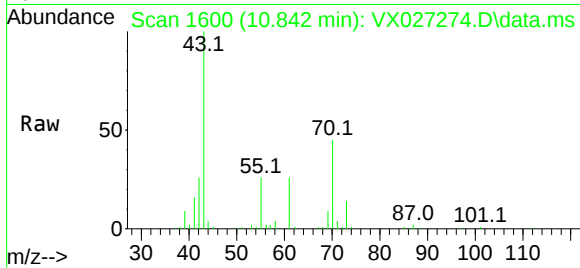
#47
n-amy1 Acetate
Concen: 18.363 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 26580
Ion Ratio Lower Upper
43 100
55 25.5 20.4 30.6

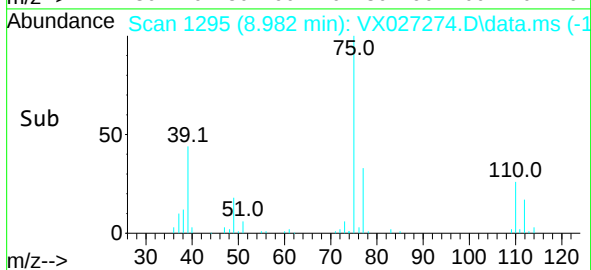
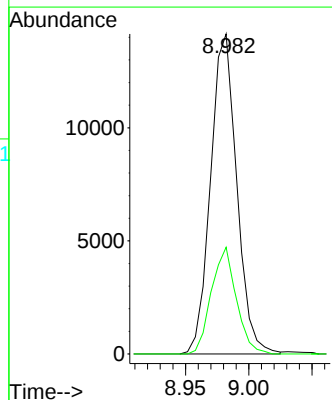
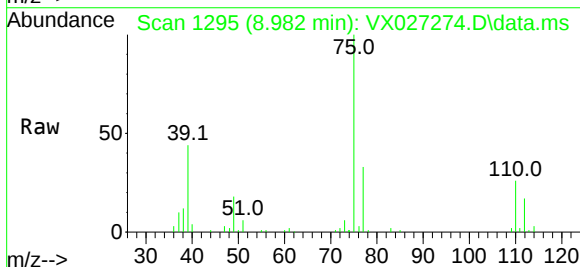
Manual Integrations
APPROVED

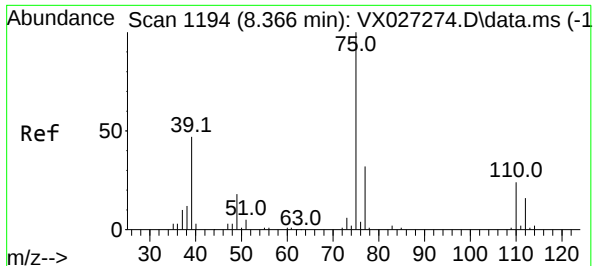
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#48
t-1,3-Dichloropropene
Concen: 19.426 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

Tgt Ion: 75 Resp: 20364
Ion Ratio Lower Upper
75 100
77 33.3 26.6 40.0





#49

cis-1,3-Dichloropropene

Concen: 19.740 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX027274.D

Acq: 03 Mar 2022 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 2334

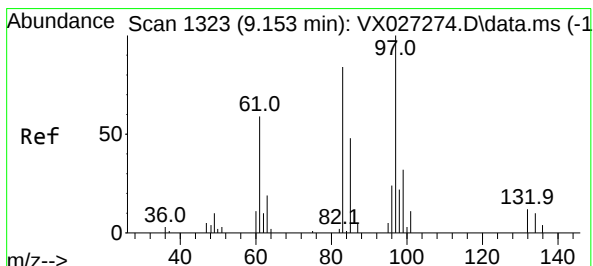
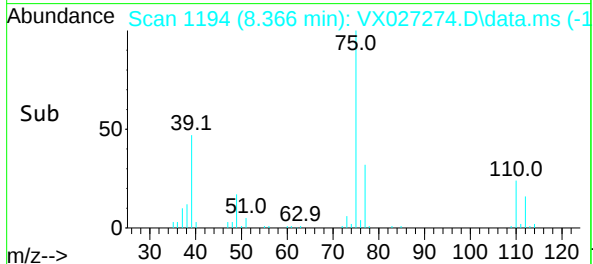
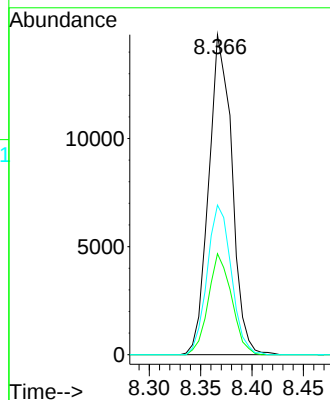
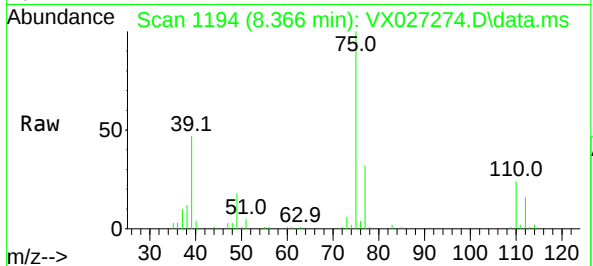
Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.2	37.8
39	46.7	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#50

1,1,2-Trichloroethane

Concen: 20.030 ug/l

RT: 9.153 min Scan# 1323

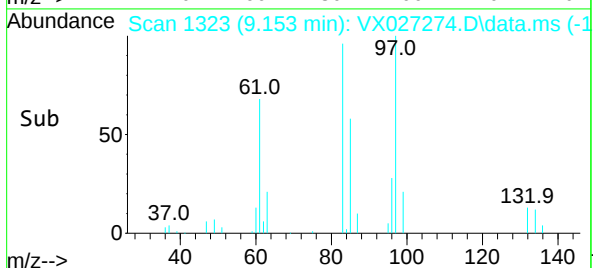
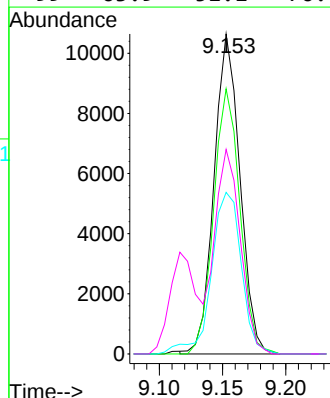
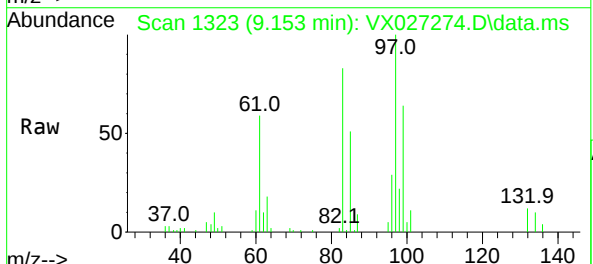
Delta R.T. 0.000 min

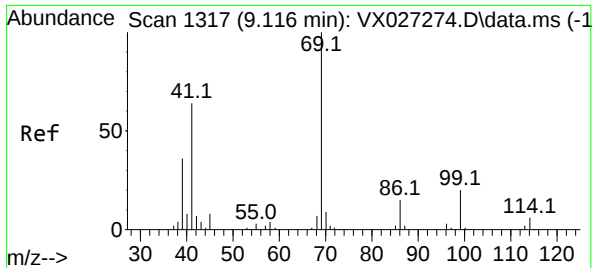
Lab File: VX027274.D

Acq: 03 Mar 2022 16:42

Tgt Ion: 97 Resp: 15144

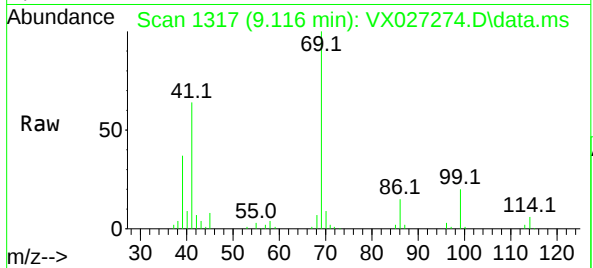
Ion	Ratio	Lower	Upper
97	100		
83	82.8	66.2	99.4
85	50.5	40.4	60.6
99	63.9	51.1	76.7





#51
Ethyl methacrylate
Concen: 19.180 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

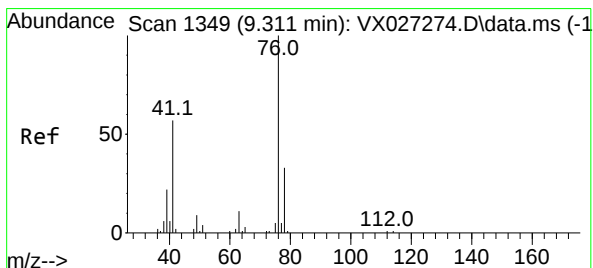
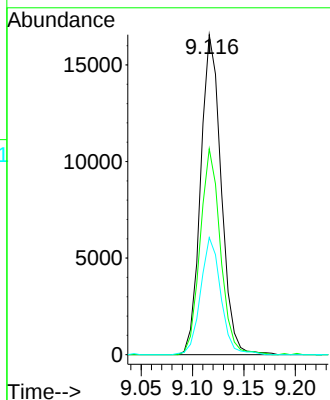
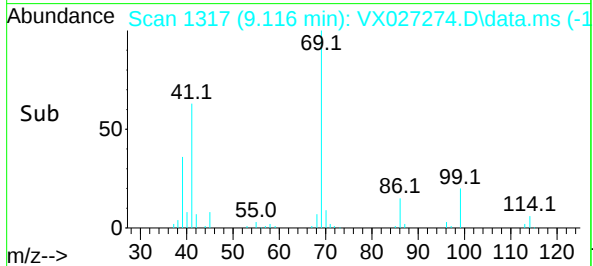
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 69 Resp: 23028
Ion Ratio Lower Upper
69 100
41 64.3 32.1 96.5
39 36.6 18.3 54.9

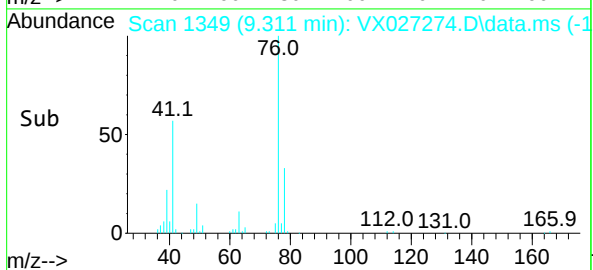
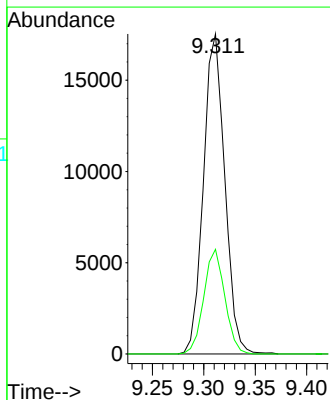
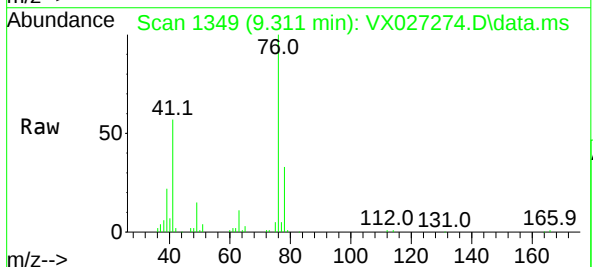
Manual Integrations
APPROVED

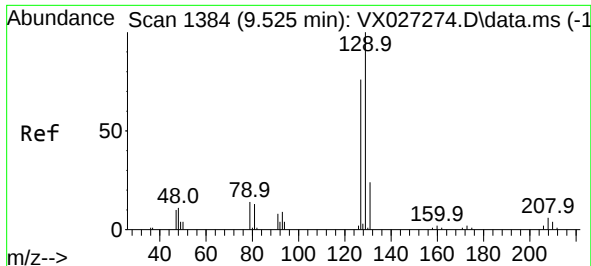
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#52
1,3-Dichloropropane
Concen: 19.570 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

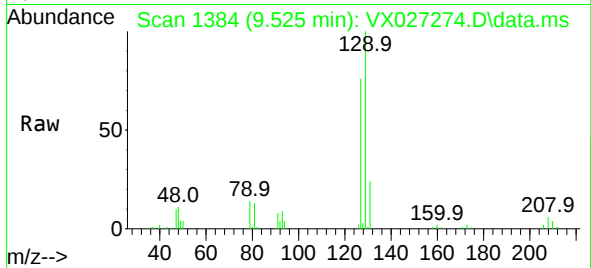
Tgt Ion: 76 Resp: 25341
Ion Ratio Lower Upper
76 100
78 32.2 0.0 64.4





#53
Dibromochloromethane
Concen: 20.251 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

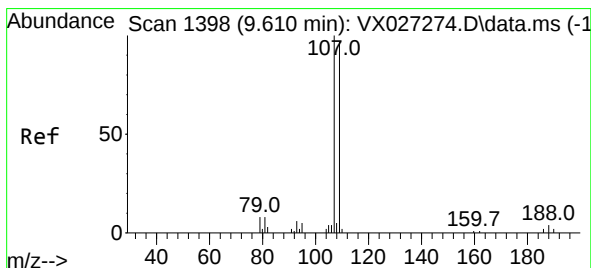
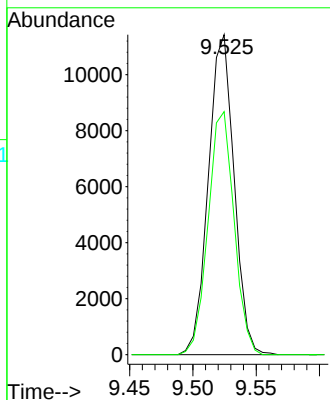
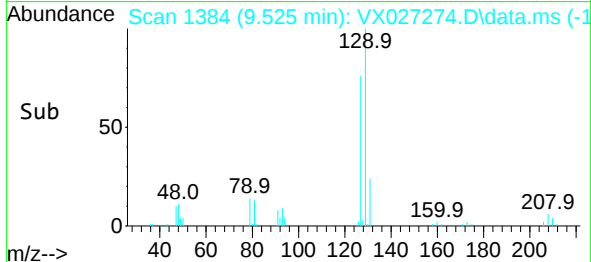
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



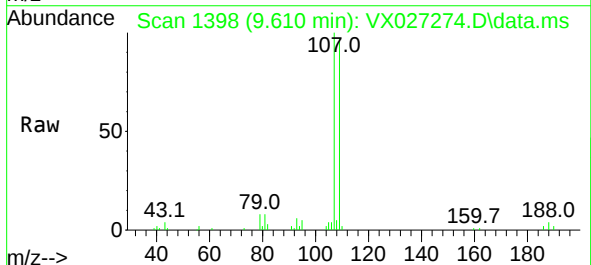
Tgt Ion:129 Resp: 16180
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.1

Manual Integrations
APPROVED

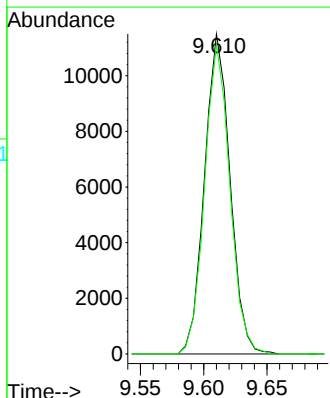
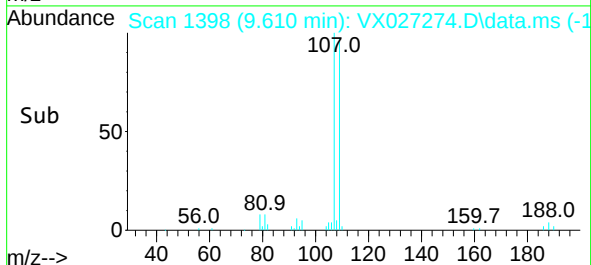
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

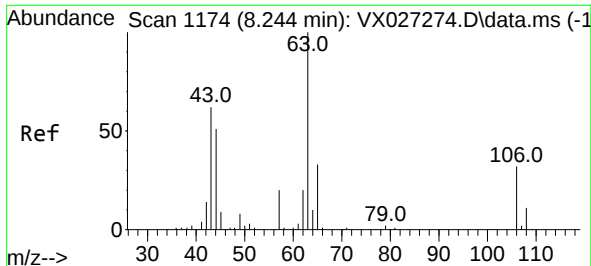


#54
1,2-Dibromoethane
Concen: 19.863 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42



Tgt Ion:107 Resp: 16177
Ion Ratio Lower Upper
107 100
109 95.3 76.2 114.4





#55

2-Chloroethyl vinyl ether

Concen: 94.473 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX027274.D

Acq: 03 Mar 2022 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

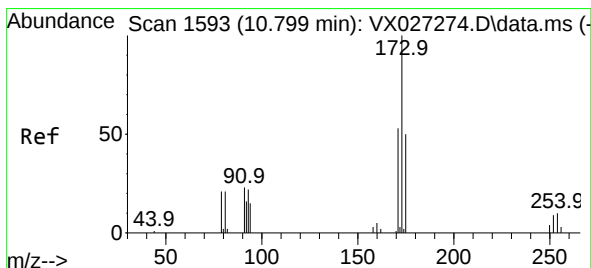
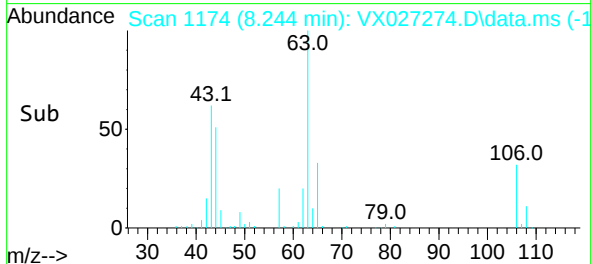
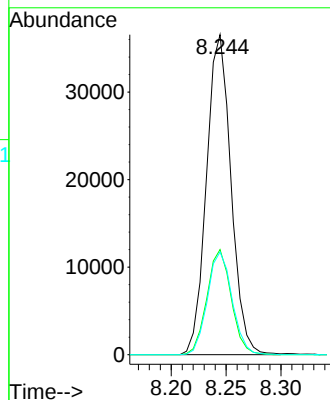
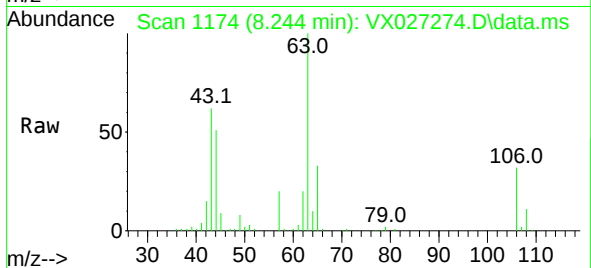
Tgt Ion: 63	Resp: 5696
Ion Ratio	Lower Upper
63 100	
65 32.4	25.9 38.9
106 32.2	25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#56

Bromoform

Concen: 19.942 ug/l

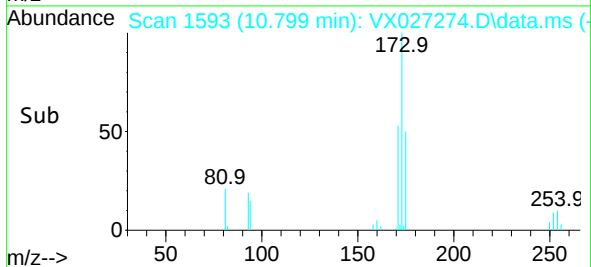
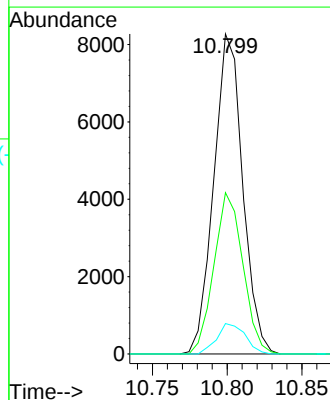
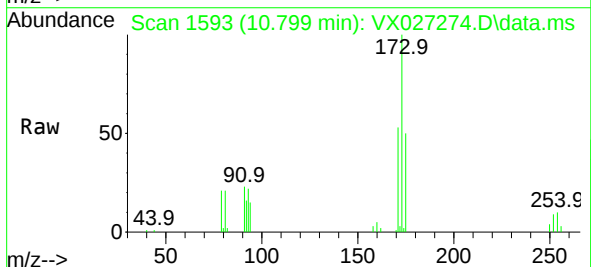
RT: 10.799 min Scan# 1593

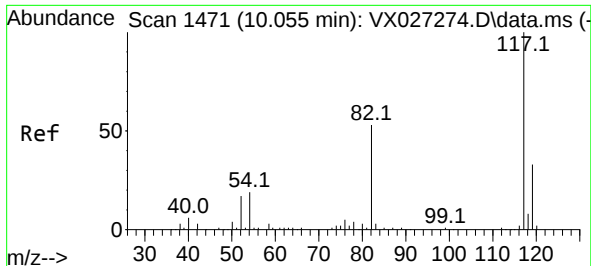
Delta R.T. 0.000 min

Lab File: VX027274.D

Acq: 03 Mar 2022 16:42

Tgt Ion: 173	Resp: 11131
Ion Ratio	Lower Upper
173 100	
175 50.4	40.3 60.5
254 9.3	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: VX027274.D

Acq: 03 Mar 2022 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:117 Resp: 5899

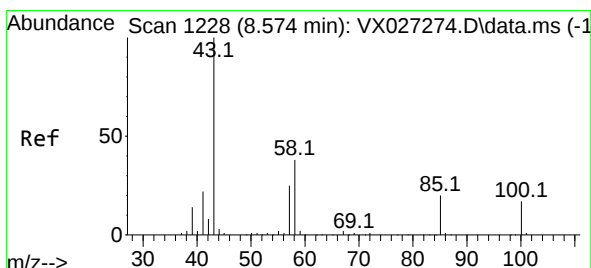
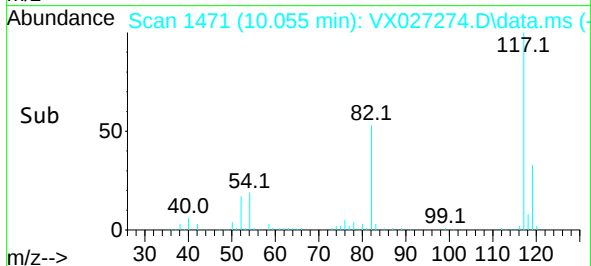
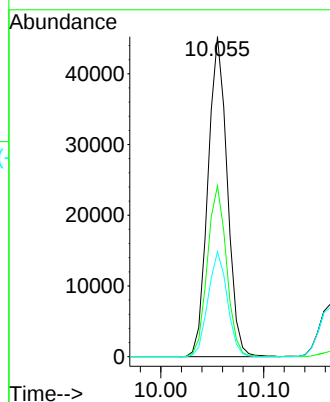
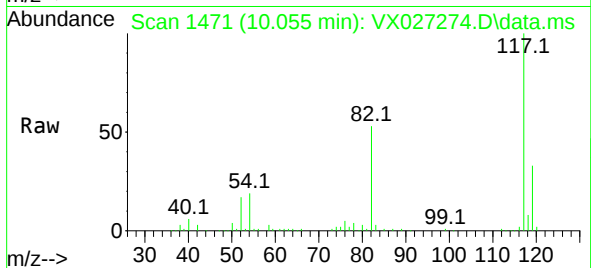
Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.3	63.5
119	32.7	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#58

4-Methyl-2-Pentanone

Concen: 93.867 ug/l

RT: 8.574 min Scan# 1228

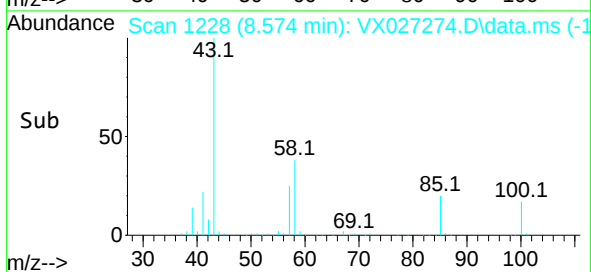
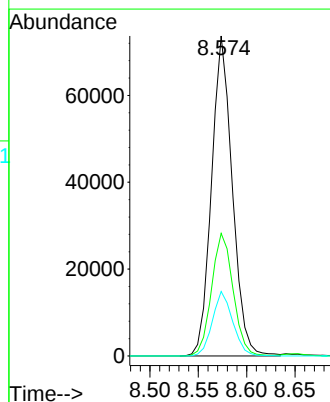
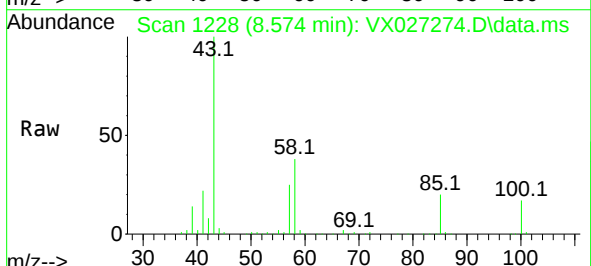
Delta R.T. 0.000 min

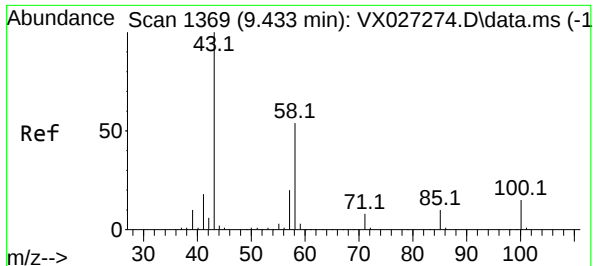
Lab File: VX027274.D

Acq: 03 Mar 2022 16:42

Tgt Ion: 43 Resp: 110237

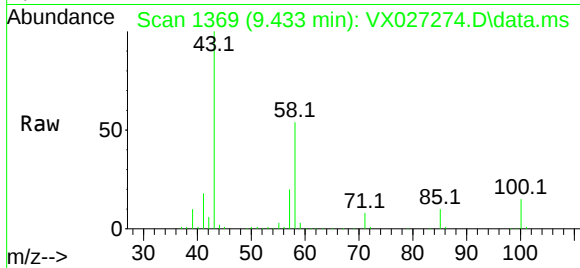
Ion	Ratio	Lower	Upper
43	100		
58	39.7	31.8	47.6
85	19.7	15.8	23.6





#59
2-Hexanone
Concen: 93.823 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

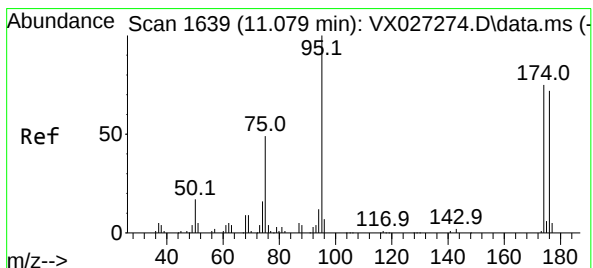
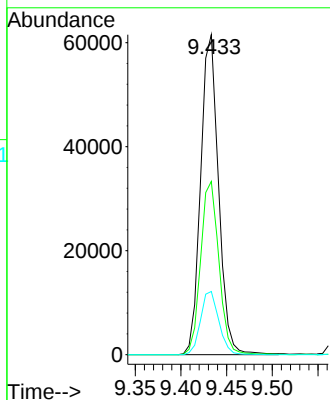
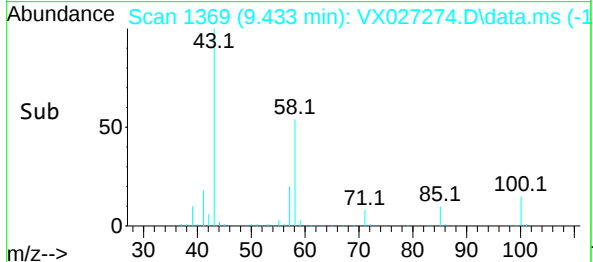
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



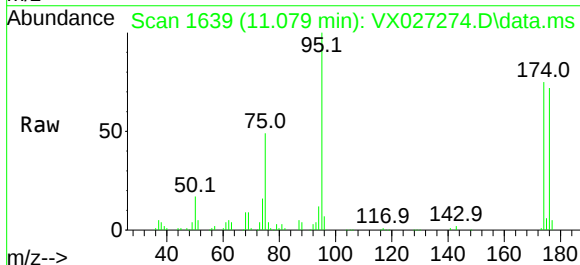
Tgt Ion: 43 Resp: 83784
Ion Ratio Lower Upper
43 100
58 55.1 44.1 66.1
57 20.2 16.2 24.2

Manual Integrations
APPROVED

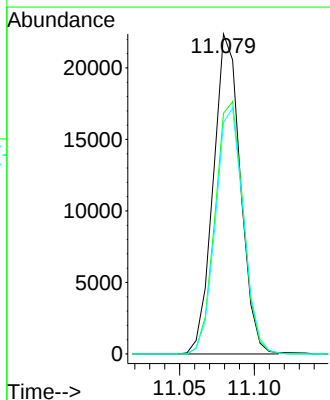
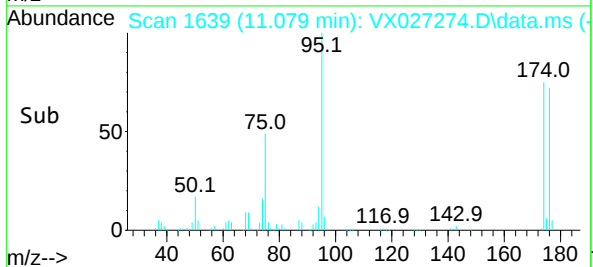
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

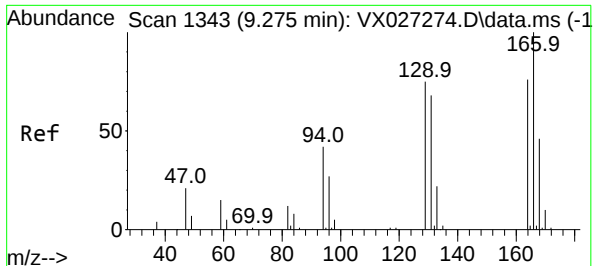


#60
4-Bromofluorobenzene
Concen: 29.518 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42



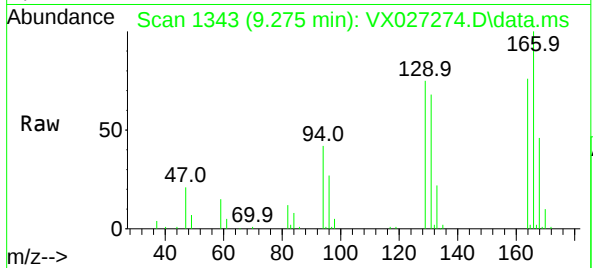
Tgt Ion: 95 Resp: 28175
Ion Ratio Lower Upper
95 100
174 81.8 65.4 98.2
176 79.2 63.4 95.0





#61
Tetrachloroethene
Concen: 19.165 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

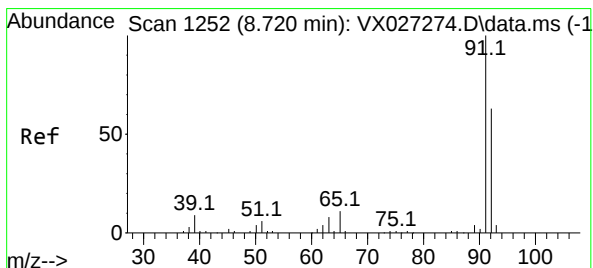
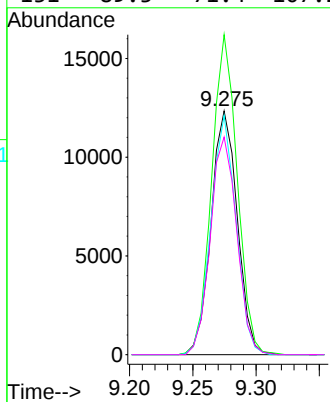
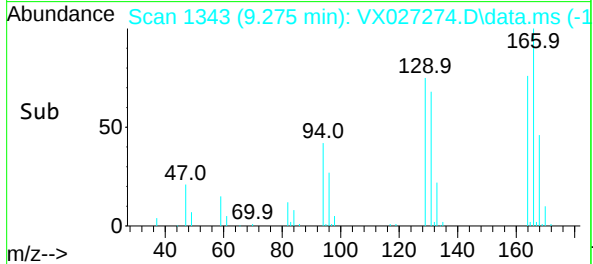
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



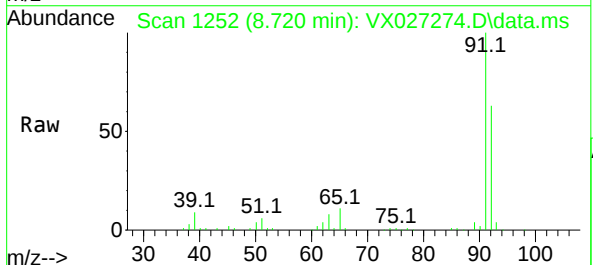
Tgt Ion:164 Resp: 1776
Ion Ratio Lower Upper
164 100
166 131.3 105.0 157.6
129 98.1 78.5 117.7
131 89.3 71.4 107.2

Manual Integrations
APPROVED

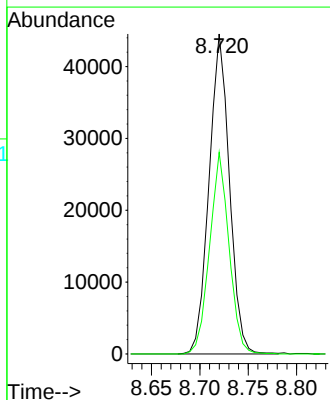
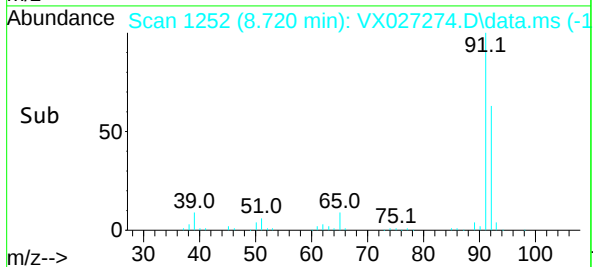
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

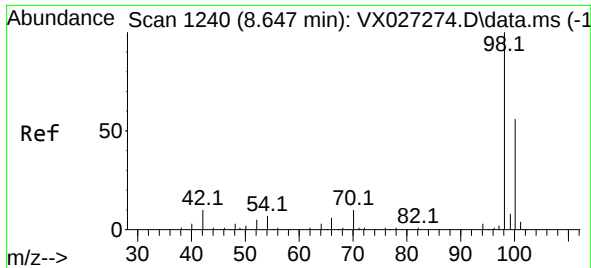


#62
Toluene
Concen: 19.817 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42



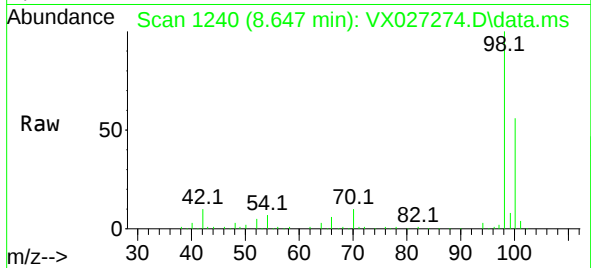
Tgt Ion: 91 Resp: 65209
Ion Ratio Lower Upper
91 100
92 60.1 48.1 72.1





#63
Toluene-d8
Concen: 31.250 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

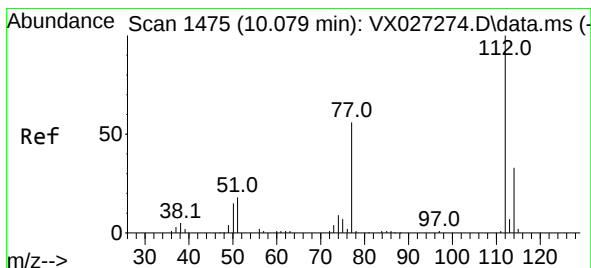
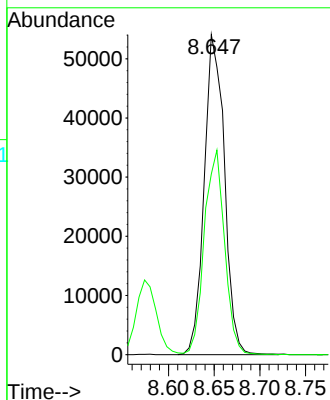
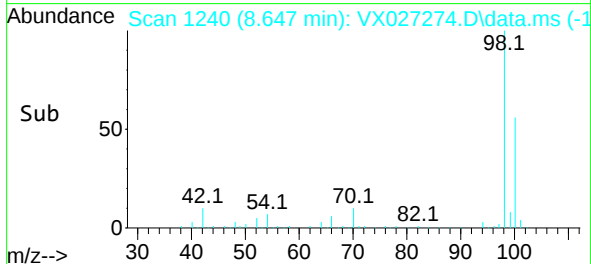
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



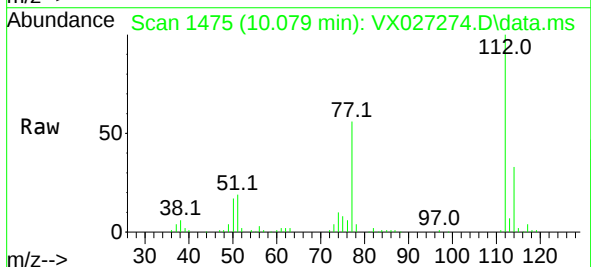
Tgt Ion: 98 Resp: 8325
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.2

Manual Integrations
APPROVED

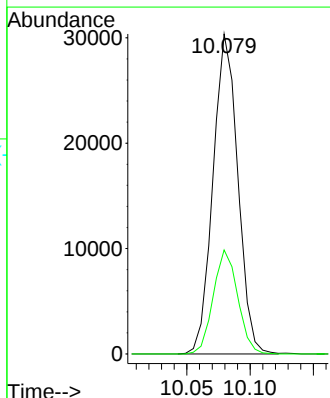
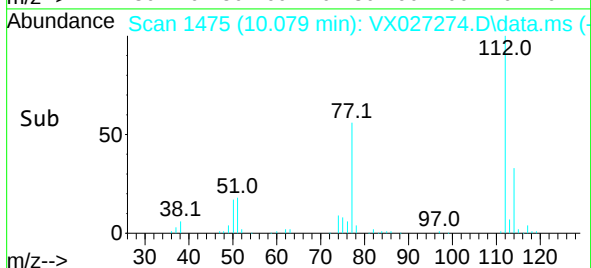
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

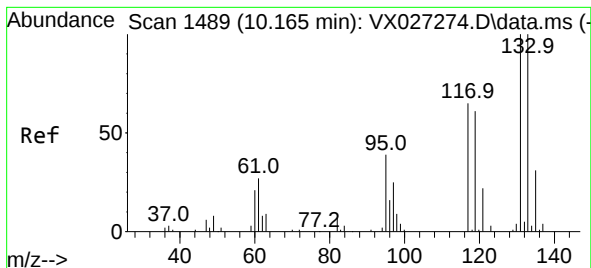


#64
Chlorobenzene
Concen: 20.131 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42



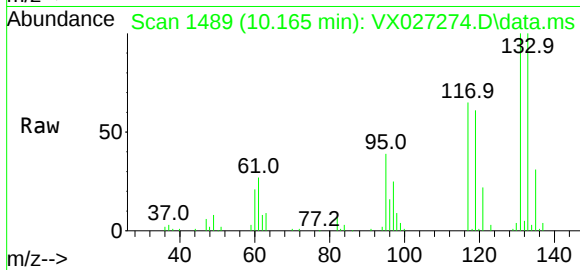
Tgt Ion:112 Resp: 41402
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 20.037 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

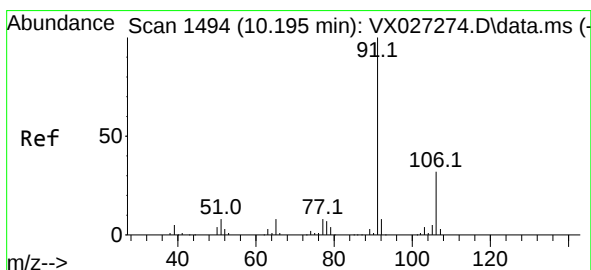
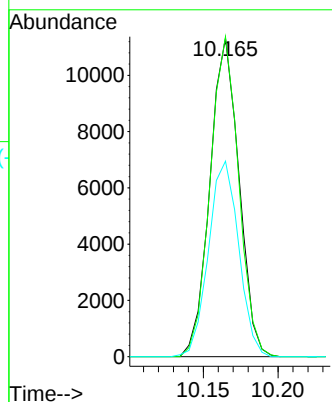
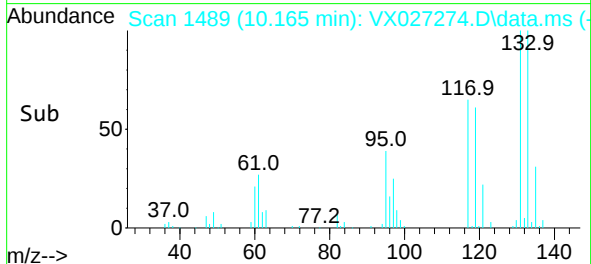
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:131 Resp: 15320
Ion Ratio Lower Upper
131 100
133 98.6 0.0 197.2
119 63.7 0.0 127.4

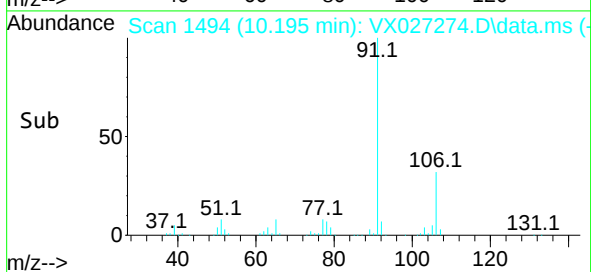
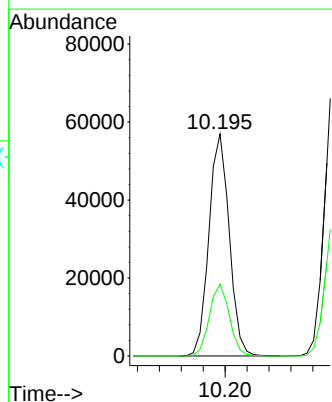
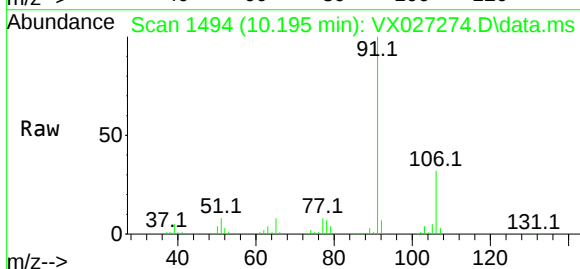
Manual Integrations
APPROVED

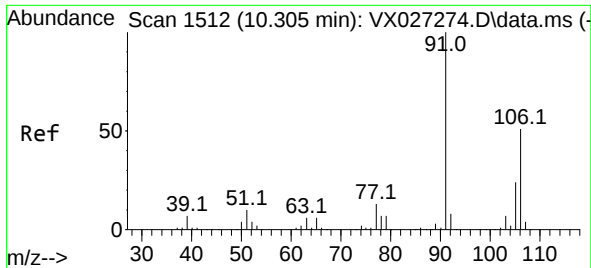
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#66
Ethyl Benzene
Concen: 20.113 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

Tgt Ion: 91 Resp: 73242
Ion Ratio Lower Upper
91 100
106 32.3 25.8 38.8





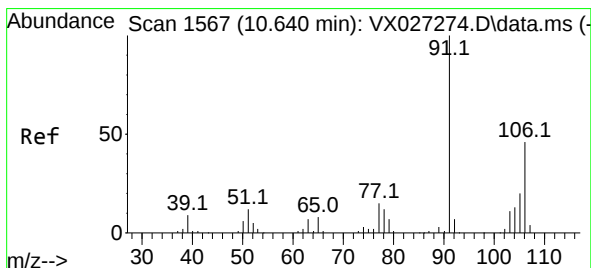
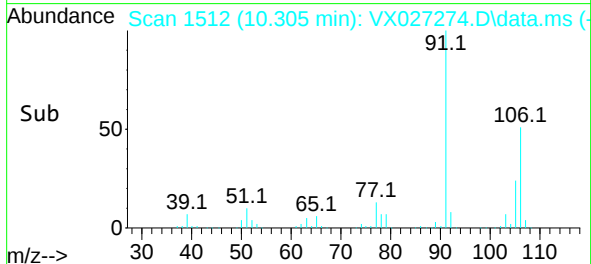
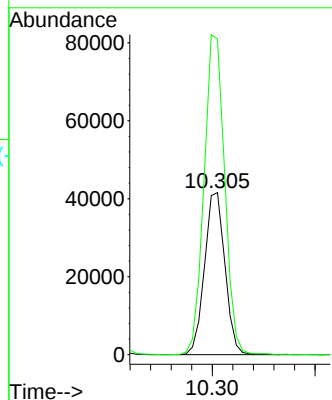
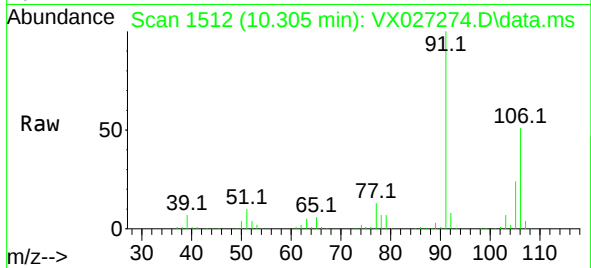
#67
m/p-Xylenes
Concen: 40.769 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 57490
Ion Ratio Lower Upper
106 100
91 199.4 159.5 239.3

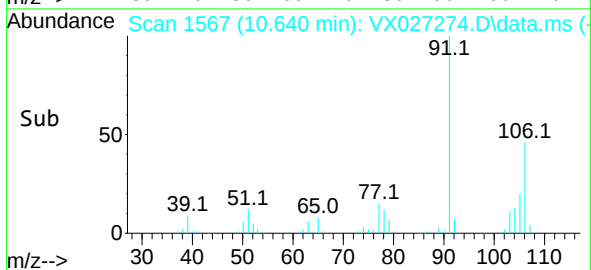
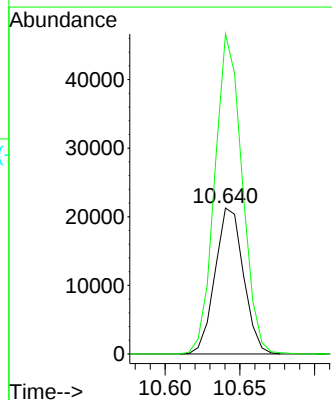
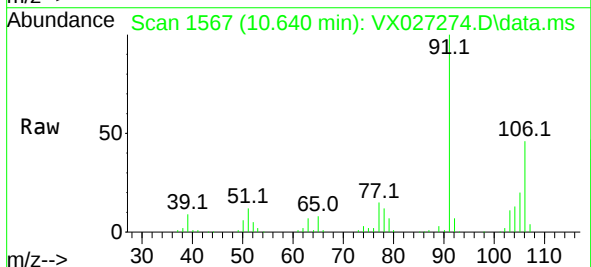
Manual Integrations
APPROVED

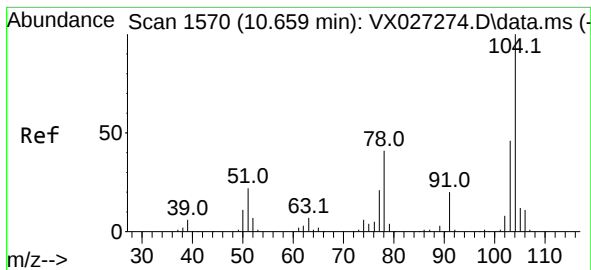
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#68
o-Xylene
Concen: 20.320 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

Tgt Ion:106 Resp: 28122
Ion Ratio Lower Upper
106 100
91 210.8 105.4 316.2





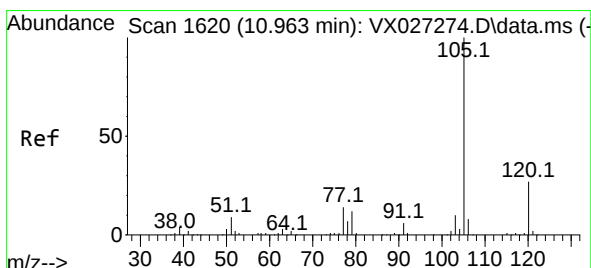
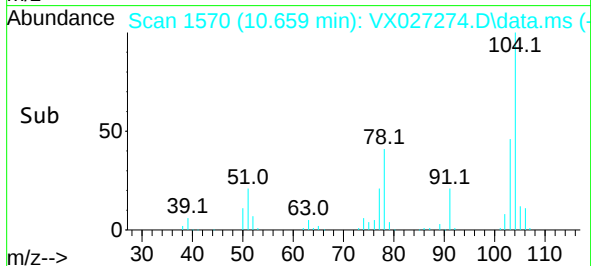
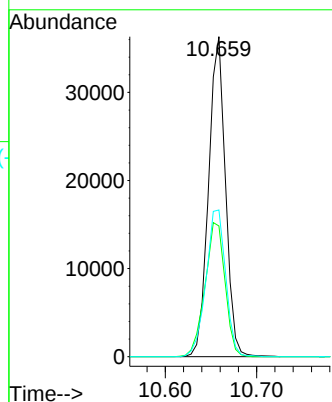
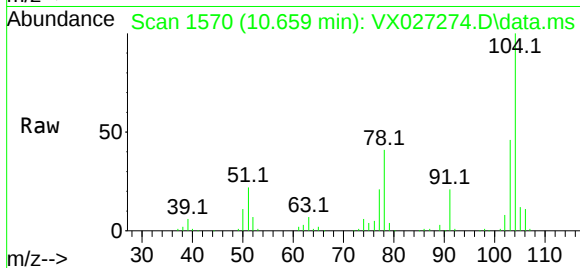
#69
Styrene
Concen: 20.305 ug/l
RT: 10.659 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:104 Resp: 4665
Ion Ratio Lower Upper
104 100
78 49.6 39.7 59.5
103 53.4 42.7 64.1

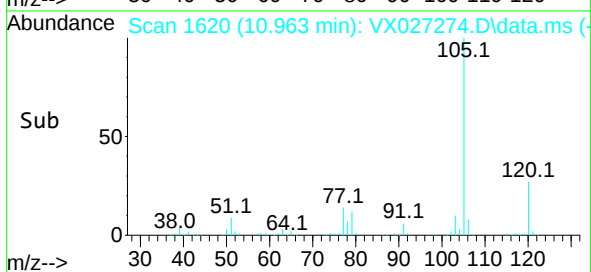
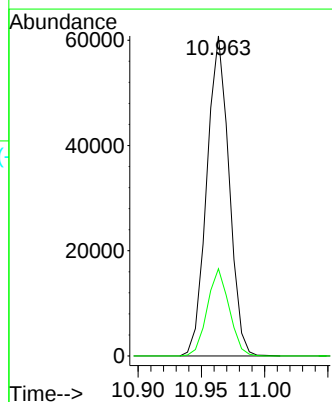
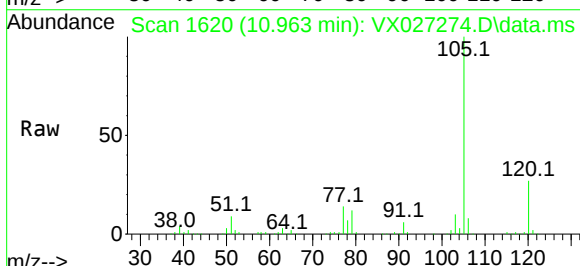
Manual Integrations
APPROVED

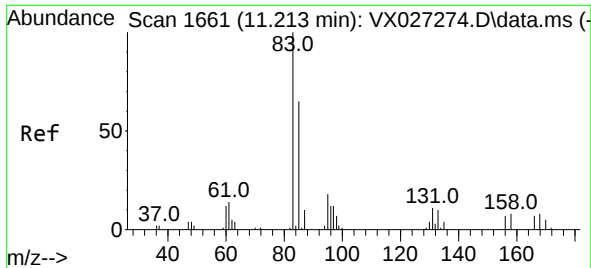
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#70
Isopropylbenzene
Concen: 20.660 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

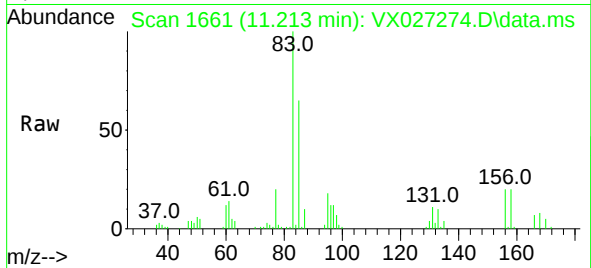
Tgt Ion:105 Resp: 74353
Ion Ratio Lower Upper
105 100
120 26.8 18.8 34.8





#71
1,1,2,2-Tetrachloroethane
Concen: 20.449 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

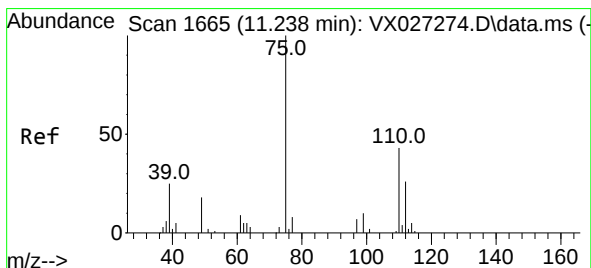
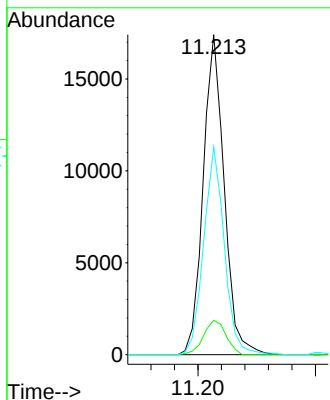
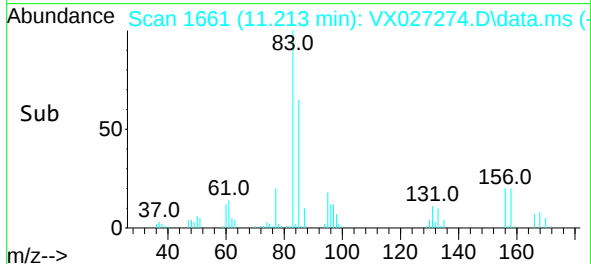
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



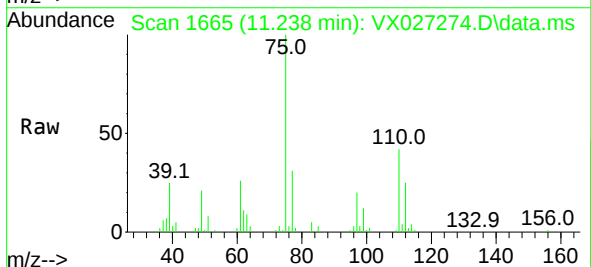
Tgt Ion: 83 Resp: 21592
Ion Ratio Lower Upper
83 100
131 11.5 5.8 17.3
85 64.1 32.0 96.2

Manual Integrations
APPROVED

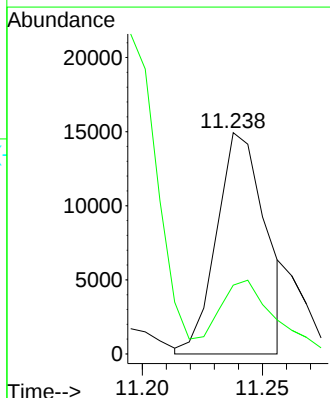
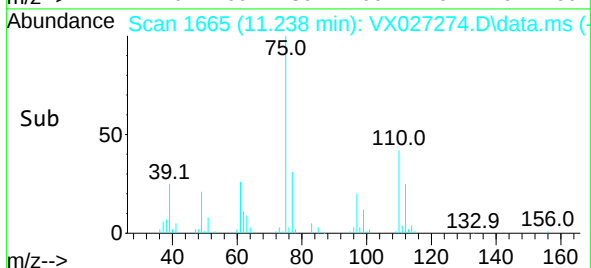
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

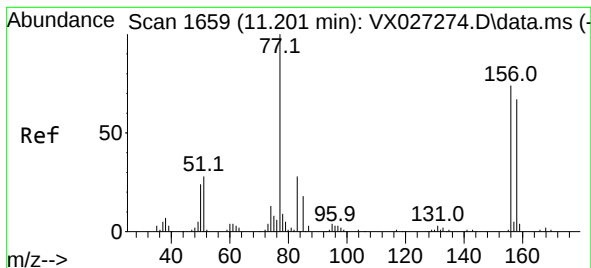


#72
1,2,3-Trichloropropane
Concen: 20.028 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42



Tgt Ion: 75 Resp: 21064
Ion Ratio Lower Upper
75 100
77 39.3 0.0 78.6





#73

Bromobenzene

Concen: 20.781 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX027274.D

Acq: 03 Mar 2022 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

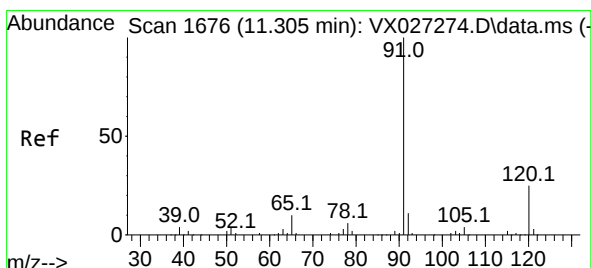
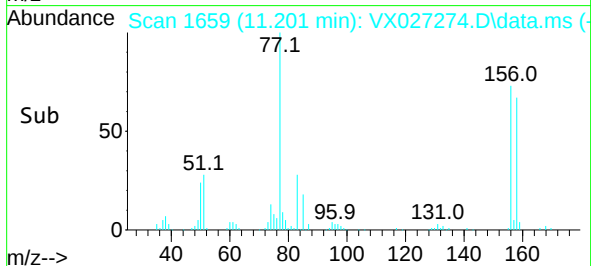
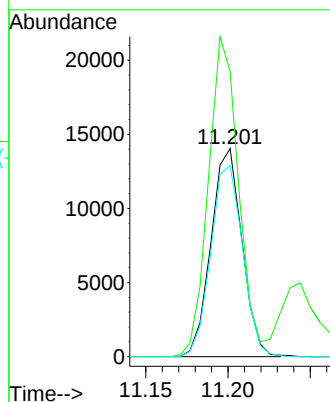
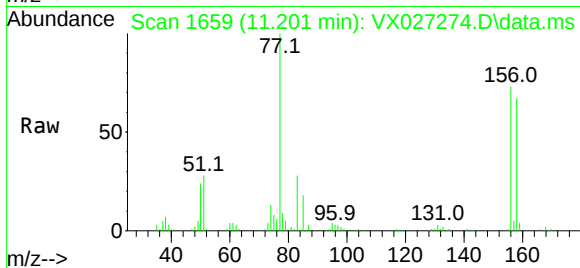
Tgt Ion:	156	Resp:	1838
Ion Ratio	Lower	Upper	
156	100		
77	148.8	0.0	297.6
158	94.2	0.0	188.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#74

n-propylbenzene

Concen: 20.224 ug/l

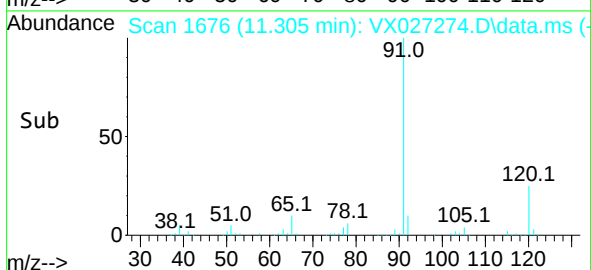
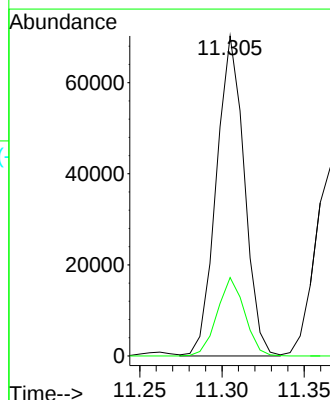
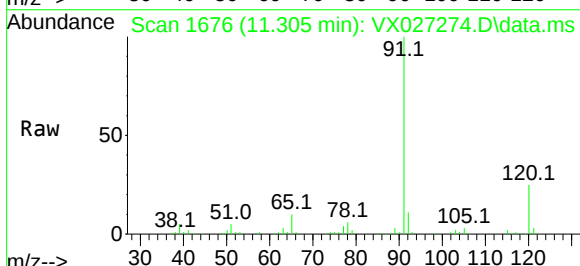
RT: 11.305 min Scan# 1676

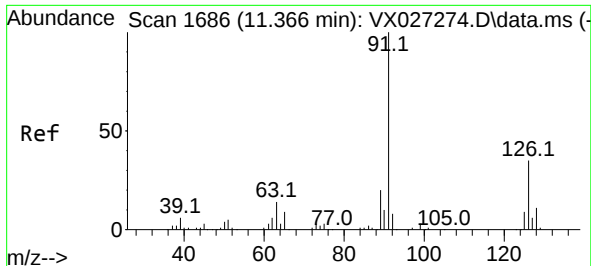
Delta R.T. 0.000 min

Lab File: VX027274.D

Acq: 03 Mar 2022 16:42

Tgt Ion:	91	Resp:	83136
Ion Ratio	Lower	Upper	
91	100		
120	24.0	0.0	48.0





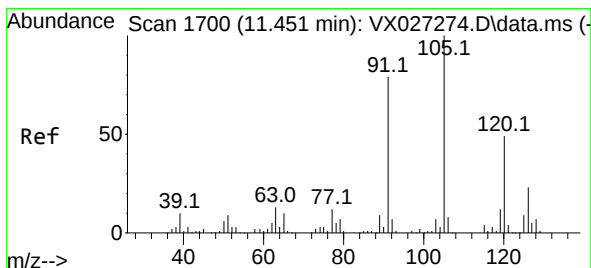
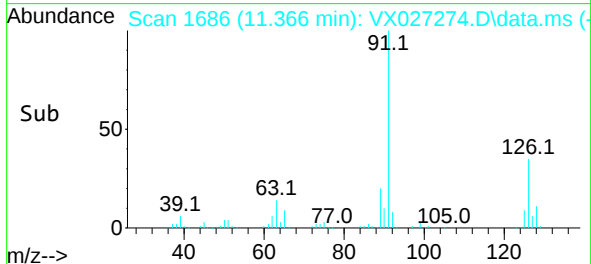
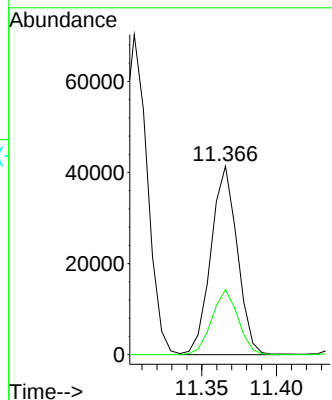
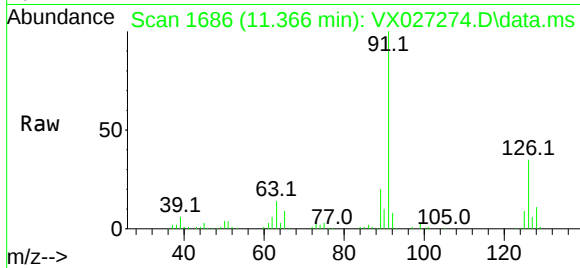
#75
2-Chlorotoluene
Concen: 20.061 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 50799
Ion Ratio Lower Upper
91 100
126 34.3 0.0 68.6

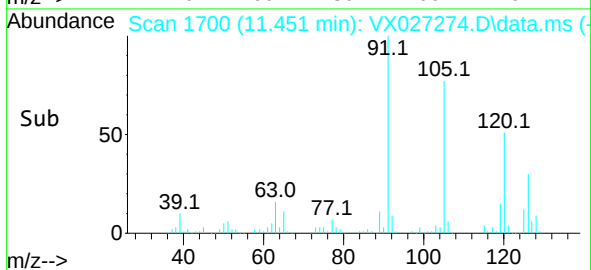
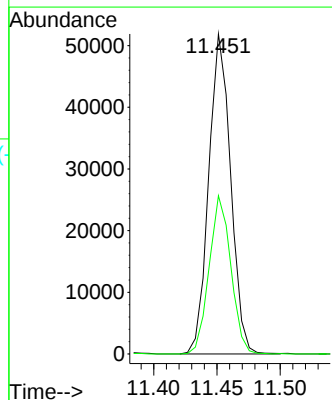
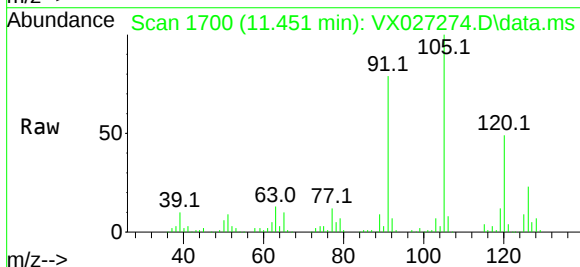
Manual Integrations
APPROVED

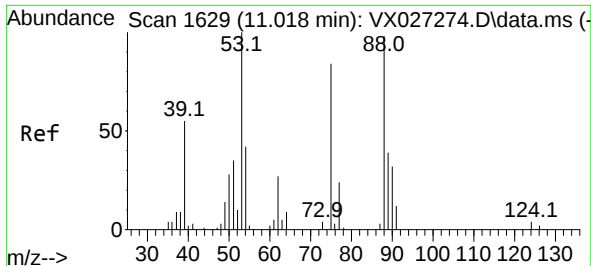
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#76
1,3,5-Trimethylbenzene
Concen: 20.712 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

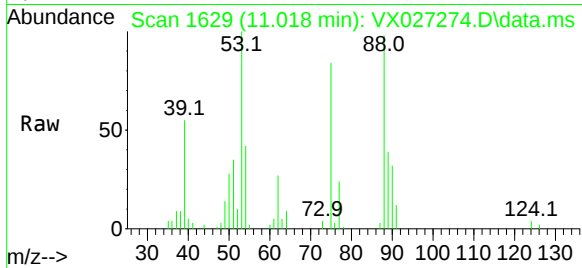
Tgt Ion:105 Resp: 62529
Ion Ratio Lower Upper
105 100
120 49.0 0.0 98.0





#77
t-1,4-Dichloro-2-butene
Concen: 18.261 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

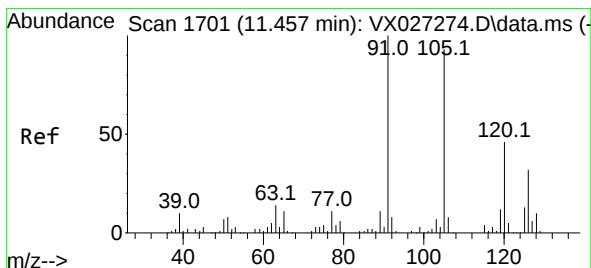
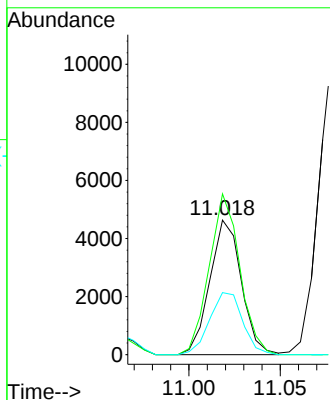
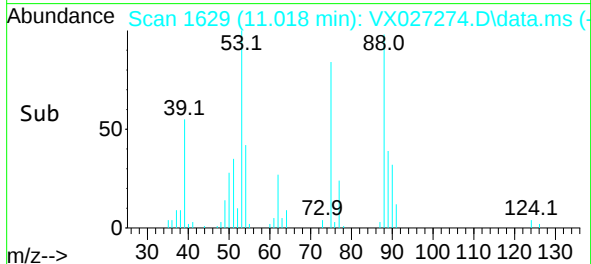
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



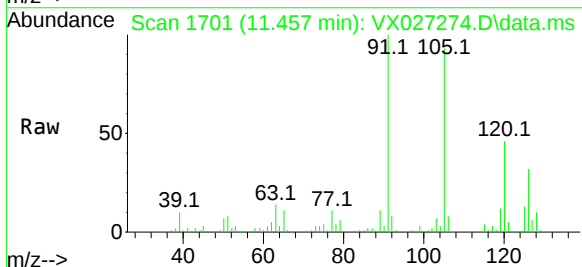
Tgt Ion: 75 Resp: 5572
Ion Ratio Lower Upper
75 100
53 119.4 59.7 179.1
89 46.1 23.1 69.2

Manual Integrations
APPROVED

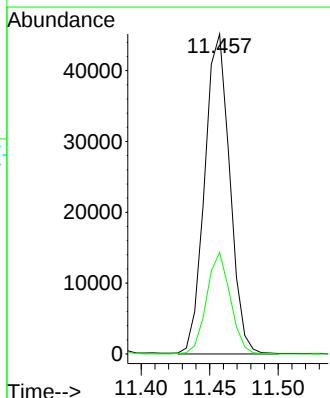
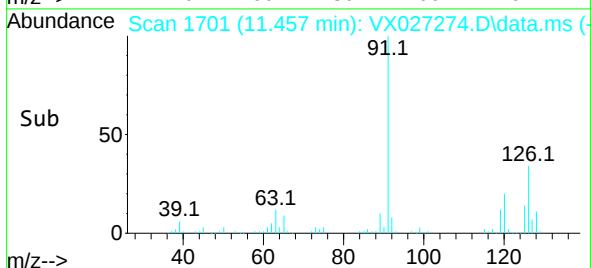
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

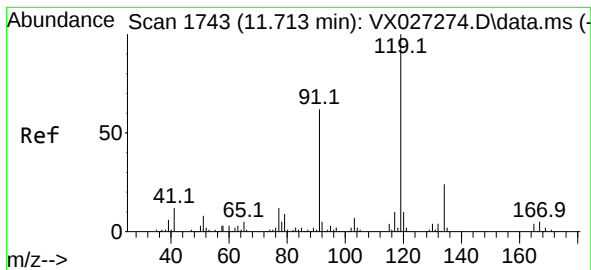


#78
4-Chlorotoluene
Concen: 20.292 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42



Tgt Ion: 91 Resp: 57572
Ion Ratio Lower Upper
91 100
126 29.9 0.0 59.8





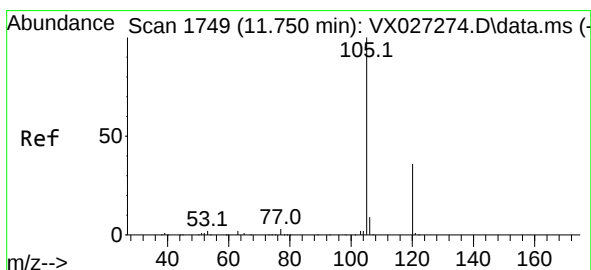
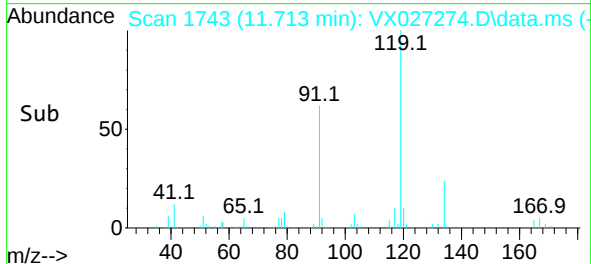
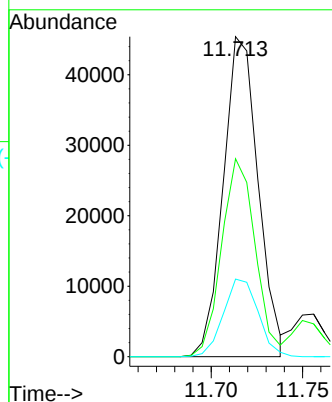
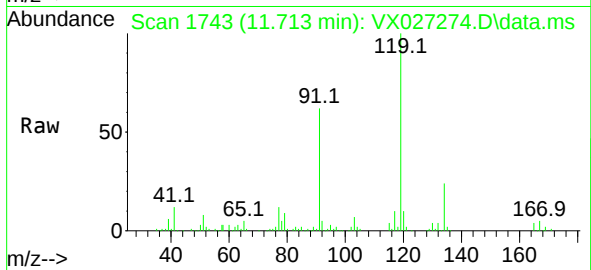
#79
tert-butylbenzene
Concen: 20.756 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 6036
Ion Ratio Lower Upper
119 100
91 59.7 0.0 119.4
134 24.2 0.0 48.4

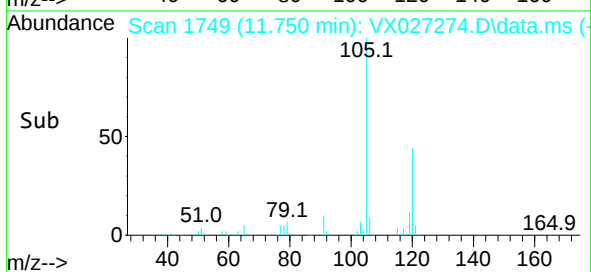
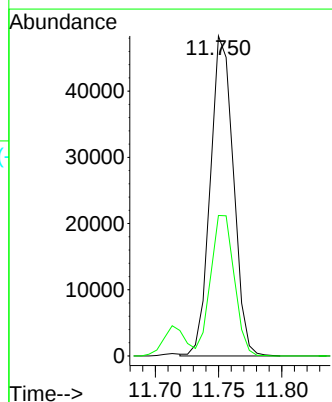
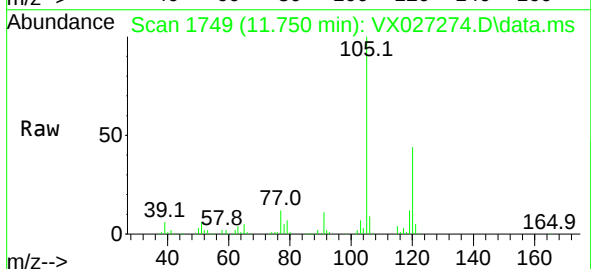
Manual Integrations
APPROVED

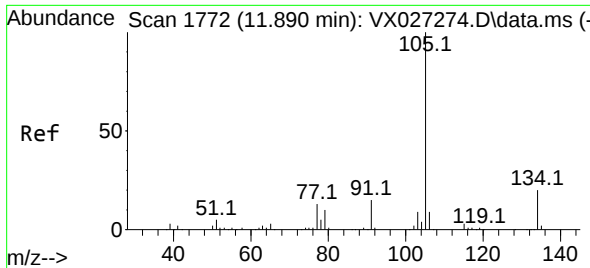
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#80
1,2,4-Trimethylbenzene
Concen: 20.458 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

Tgt Ion:105 Resp: 61476
Ion Ratio Lower Upper
105 100
120 44.8 0.0 89.6





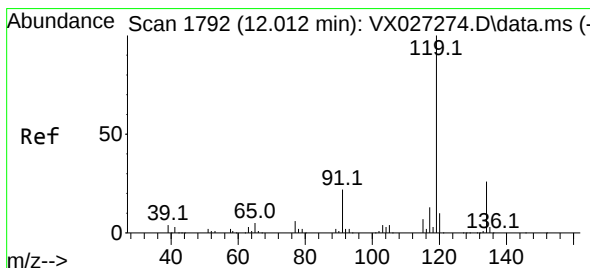
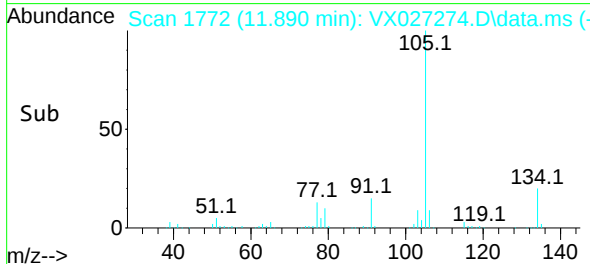
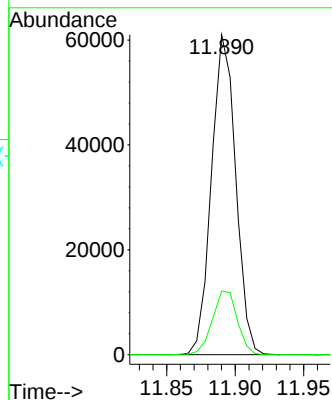
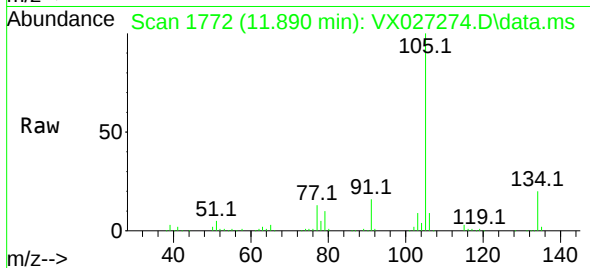
#81
 sec-Butylbenzene
 Concen: 20.374 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX027274.D
 Acq: 03 Mar 2022 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tgt Ion:105 Resp: 75024
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 41.2

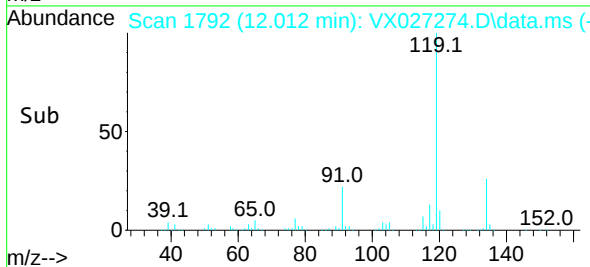
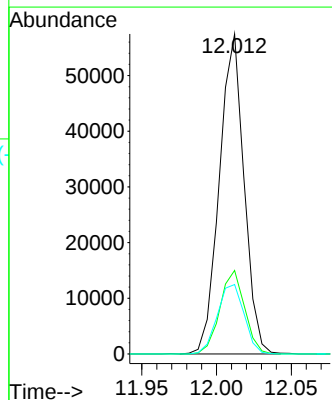
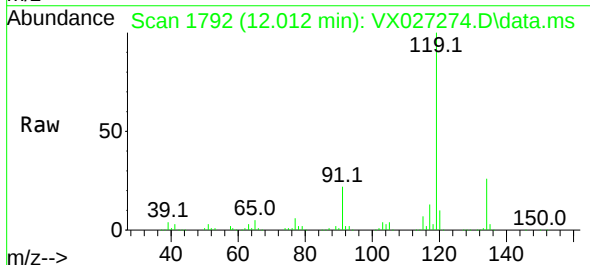
Manual Integrations
 APPROVED

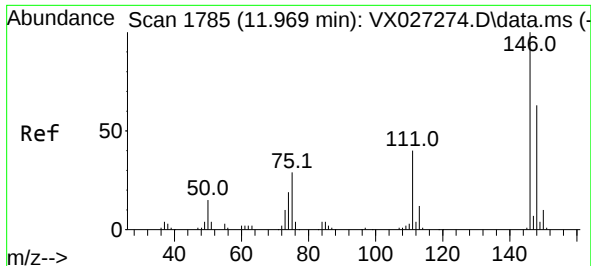
Reviewed By :John Carlone 03/04/2022
 Supervised By :Mahesh Dadoda 03/04/2022



#82
 p-Isopropyltoluene
 Concen: 21.084 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027274.D
 Acq: 03 Mar 2022 16:42

Tgt Ion:119 Resp: 65941
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 52.4
 91 23.6 0.0 47.2





#83

1,3-Dichlorobenzene

Concen: 20.397 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX027274.D

Acq: 03 Mar 2022 16:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

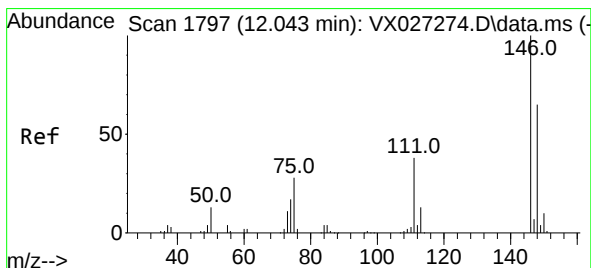
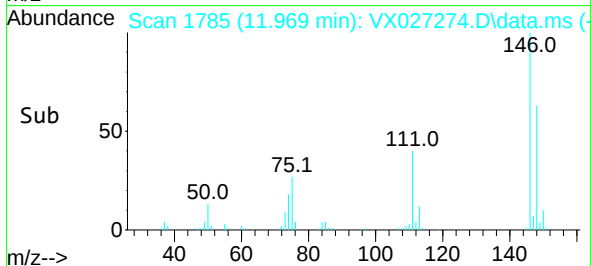
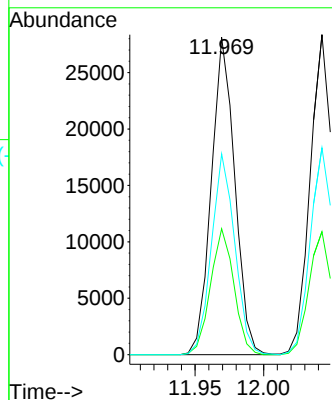
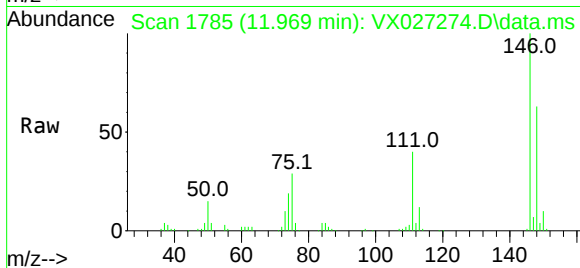
Tgt Ion:146	Resp:	3353
Ion Ratio	Lower	Upper
146	100	
111	39.6	19.8 59.4
148	63.2	31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#84

1,4-Dichlorobenzene

Concen: 20.166 ug/l

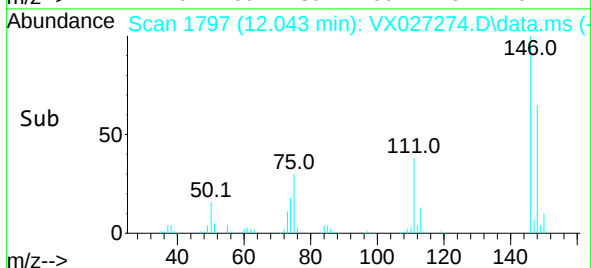
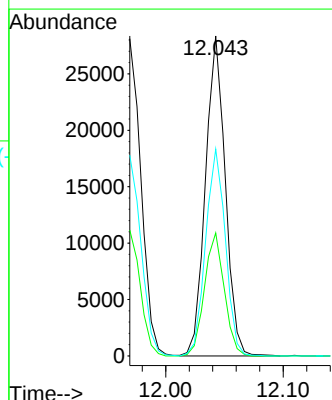
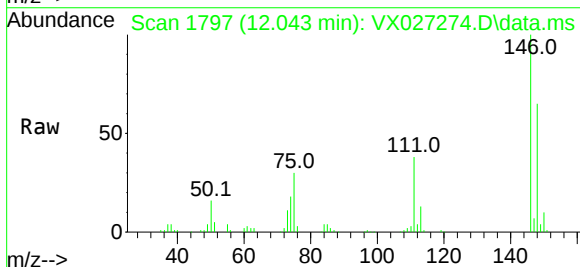
RT: 12.043 min Scan# 1797

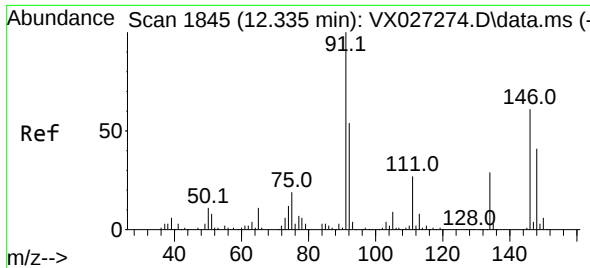
Delta R.T. 0.000 min

Lab File: VX027274.D

Acq: 03 Mar 2022 16:42

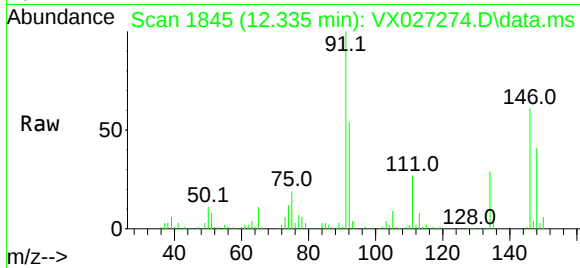
Tgt Ion:146	Resp:	33153
Ion Ratio	Lower	Upper
146	100	
111	38.4	19.2 57.6
148	64.5	32.3 96.8





#85
n-Butylbenzene
Concen: 19.954 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

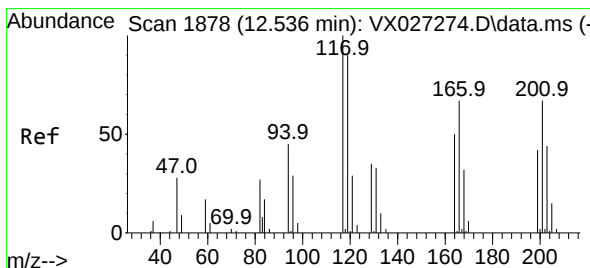
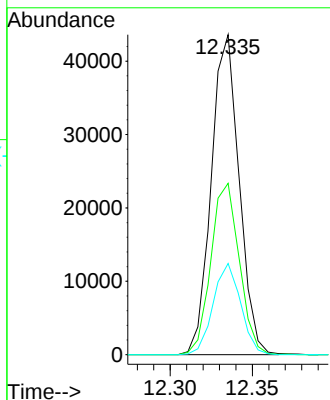
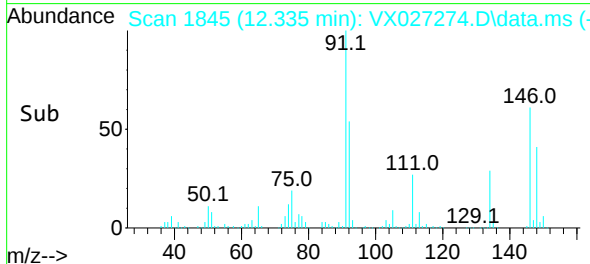
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 91 Resp: 5141
Ion Ratio Lower Upper
91 100
92 54.7 0.0 109.4
134 28.2 0.0 56.4

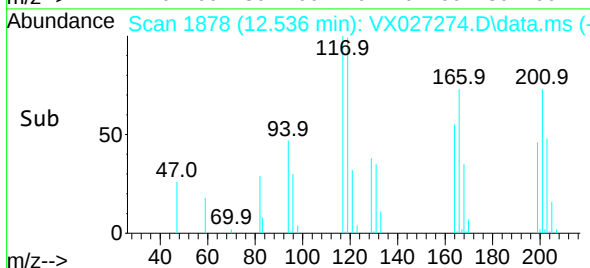
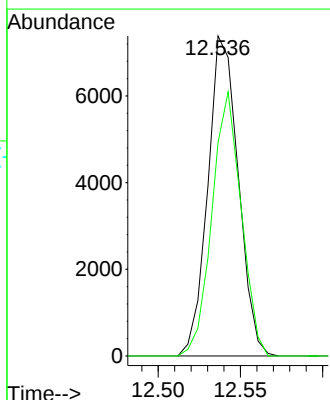
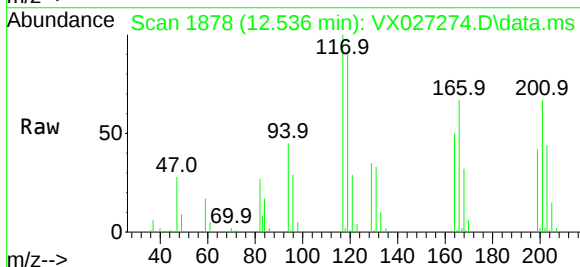
Manual Integrations
APPROVED

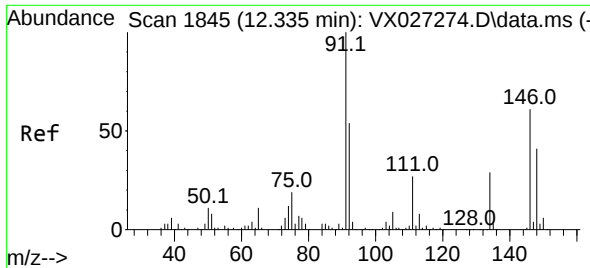
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#86
Hexachloroethane
Concen: 19.283 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

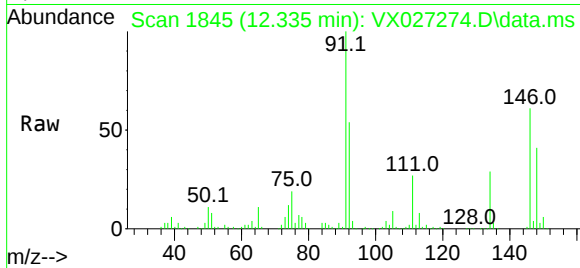
Tgt Ion:117 Resp: 9507
Ion Ratio Lower Upper
117 100
201 79.0 39.5 118.5





#87
1,2-Dichlorobenzene
Concen: 20.877 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

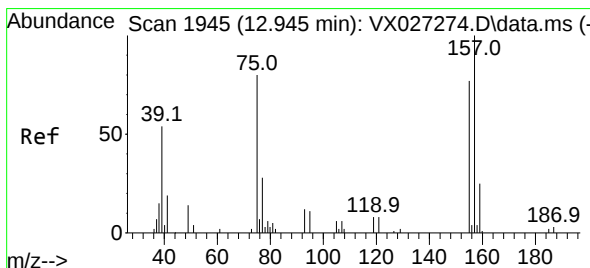
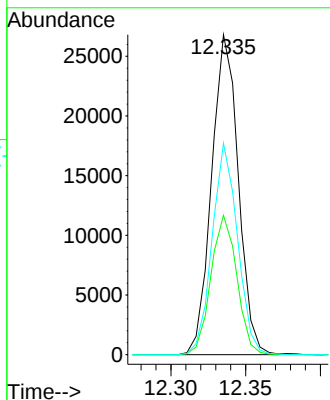
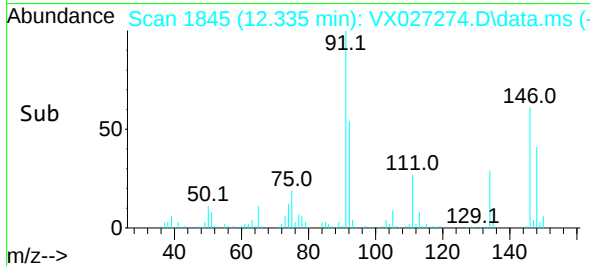
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



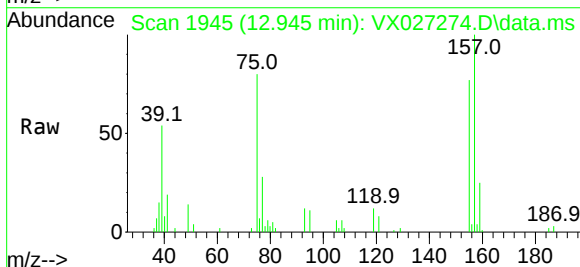
Tgt Ion:146 Resp: 33292
Ion Ratio Lower Upper
146 100
111 42.2 21.1 63.3
148 62.8 31.4 94.2

Manual Integrations
APPROVED

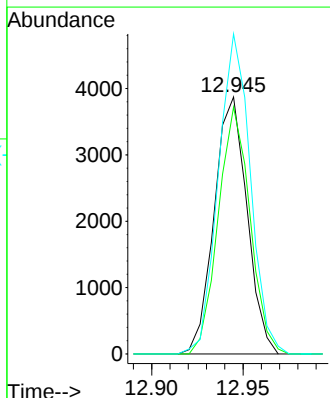
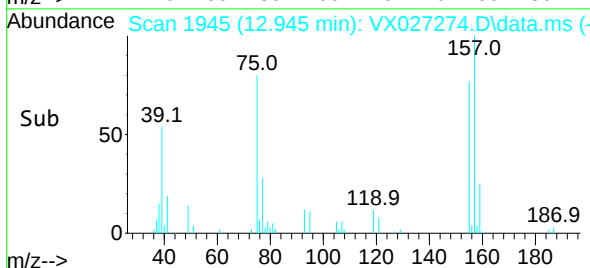
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

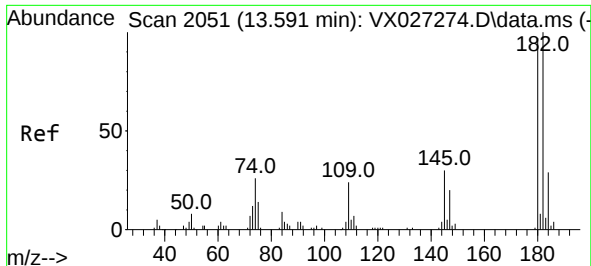


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.857 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42



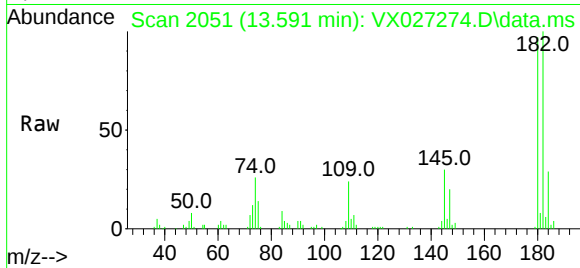
Tgt Ion: 75 Resp: 4840
Ion Ratio Lower Upper
75 100
155 92.9 74.3 111.5
157 121.6 97.3 145.9





#89
1,2,4-Trichlorobenzene
Concen: 20.509 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

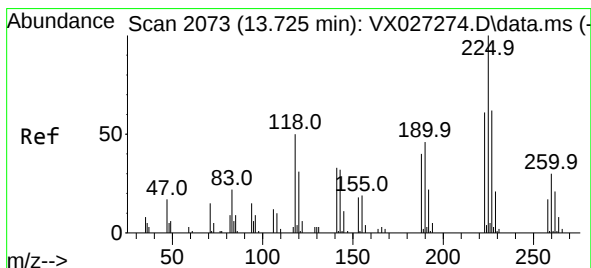
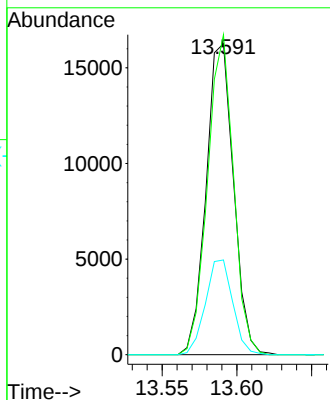
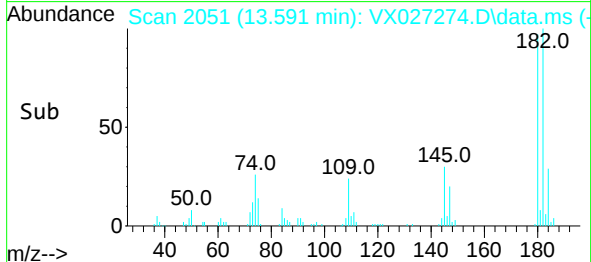
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



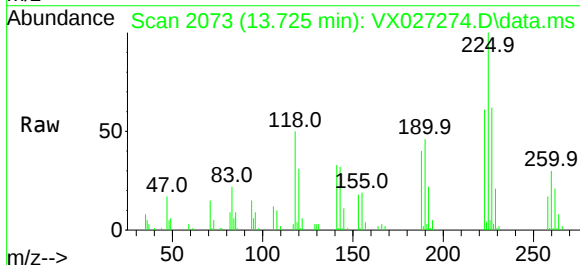
Tgt Ion:180 Resp: 2078
Ion Ratio Lower Upper
180 100
182 96.8 77.4 116.2
145 30.3 24.2 36.4

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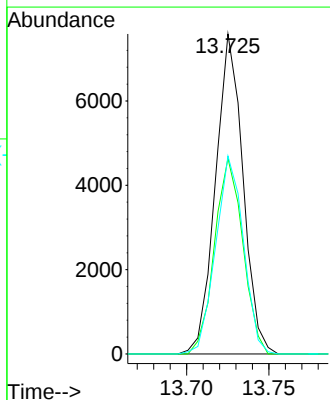
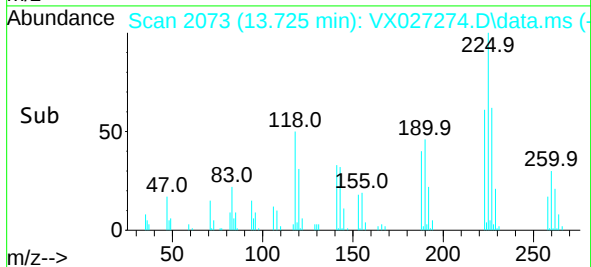
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

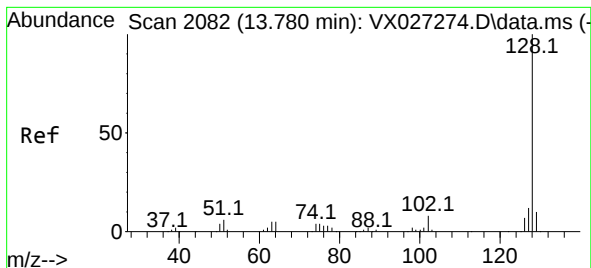


#90
Hexachlorobutadiene
Concen: 20.702 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42



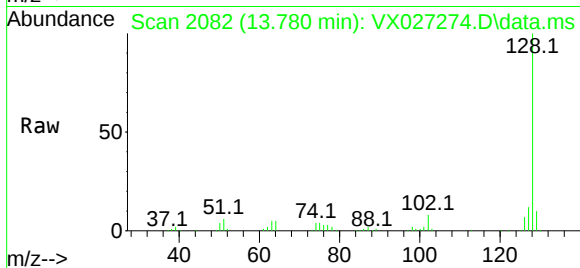
Tgt Ion:225 Resp: 8803
Ion Ratio Lower Upper
225 100
223 63.0 0.0 126.0
227 62.5 0.0 125.0





#91
Naphthalene
Concen: 20.129 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42

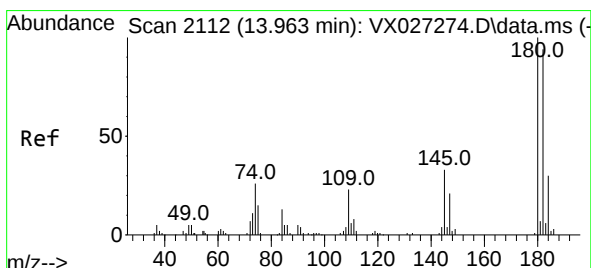
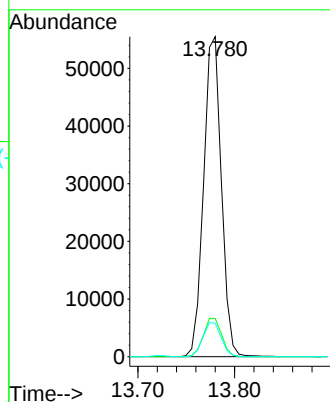
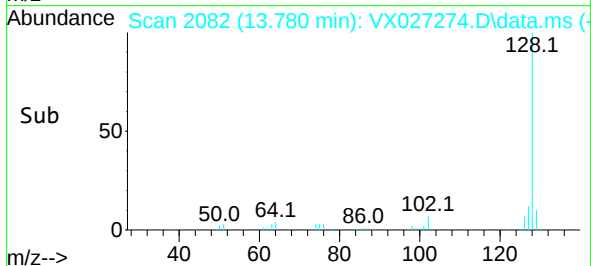
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



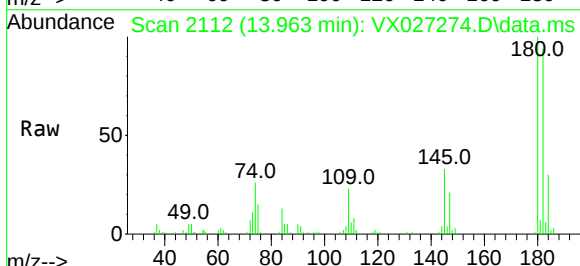
Tgt Ion:128 Resp: 7098
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 11.0 8.8 13.2

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 20.348 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX027274.D
Acq: 03 Mar 2022 16:42



Tgt Ion:180 Resp: 20814
Ion Ratio Lower Upper
180 100
182 94.7 0.0 189.4
145 33.6 0.0 67.2

