

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030422\
 Data File : VX027291.D
 Acq On : 04 Mar 2022 10:47
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2022
 Supervised By : Mahesh Dadoda 03/07/2022

Quant Time: Mar 05 01:47:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 04 01:00:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	13164	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	6.763	114	72245	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	62516	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	27209	29.856	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	99.533%	
60) 4-Bromofluorobenzene	11.079	95	29975	29.597	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	98.667%	
63) Toluene-d8	8.647	98	83010	30.374	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	101.233%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	16177	19.197	ug/l	94
3) Chloromethane	1.301	50	12775	18.850	ug/l	97
4) Vinyl Chloride	1.380	62	12317	18.979	ug/l	98
5) Bromomethane	1.611	94	7143	20.481	ug/l	98
6) Chloroethane	1.691	64	7368	19.214	ug/l	100
7) Trichlorofluoromethane	1.892	101	22170	19.974	ug/l	94
8) Diethyl Ether	2.136	74	6787	19.201	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	15291	19.706	ug/l	100
10) 1,1-Dichloroethene	2.325	96	14660	19.448	ug/l	95
11) Methyl Iodide	2.459	142	13016	14.815	ug/l	99
12) Methyl Acetate	2.703	43	17801	18.149	ug/l	93
13) Acrolein	2.239	56	16328	104.659	ug/l	98
14) Acrylonitrile	3.062	53	39883	90.157	ug/l	99
15) Acetone	2.380	58	14542	114.524	ug/l	98
16) Carbon Disulfide	2.514	76	38844	19.406	ug/l	100
17) Allyl chloride	2.666	41	23512	18.765	ug/l	99
18) Methylene Chloride	2.794	84	15440	18.139	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	15866	19.458	ug/l	96
20) Diisopropyl ether	3.757	45	45402	18.849	ug/l	99
21) 1,1-Dichloroethane	3.611	63	26214	18.606	ug/l	98
22) cis-1,2-Dichloroethene	4.495	96	17885	19.099	ug/l	100
23) tert-Butyl Alcohol	2.953	59	13774	78.619	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	47074	18.815	ug/l	100
25) Chloroform	5.093	83	28013	18.656	ug/l	97
26) Cyclohexane	5.471	56	24821	19.565	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	21506	19.473	ug/l	99
30) 2-Butanone	4.550	43	60146	96.474	ug/l #	98
31) 2,2-Dichloropropane	4.477	77	21052	18.961	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	25566	19.060	ug/l	98
33) Carbon Tetrachloride	5.678	117	23750	19.411	ug/l	98
34) Benzene	6.037	78	61697	19.117	ug/l	99
35) Methacrylonitrile	4.916	41	11533	17.696	ug/l	94
36) 1,2-Dichloroethane	6.086	62	22239	18.918	ug/l	99
37) Trichloroethene	7.123	130	18497	18.969	ug/l	97
38) Methylcyclohexane	7.379	83	27077	19.791	ug/l	97
39) 1,2-Dichloropropane	7.428	63	14990	18.918	ug/l	99
40) Dibromomethane	7.580	93	10842	18.298	ug/l	99
41) Bromodichloromethane	7.824	83	21109	18.485	ug/l	98
42) Vinyl Acetate	3.721	43	194887	93.253	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	21490	18.189	ug/l	98
44) Isopropyl Acetate	6.336	43	32587	17.866	ug/l	99
45) 1,4-Dioxane	7.659	88	6683	324.736	ug/l #	94
46) Methyl methacrylate	7.690	41	16357	18.077	ug/l	98
47) n-amyl Acetate	10.842	43	25383	16.886	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	20313	17.227	ug/l	94
49) cis-1,3-Dichloropropene	8.366	75	23320	18.001	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	15379	18.263	ug/l	97
51) Ethyl methacrylate	9.116	69	22456	17.191	ug/l	97
52) 1,3-Dichloropropane	9.311	76	25680	18.260	ug/l	98
53) Dibromochloromethane	9.525	129	16489	17.921	ug/l	99
54) 1,2-Dibromoethane	9.610	107	15893	17.405	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	60490	95.594	ug/l	99
56) Bromoform	10.799	173	10927	16.240	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	103227	91.280	ug/l	99
59) 2-Hexanone	9.427	43	80867	93.440	ug/l	99
61) Tetrachloroethene	9.275	164	18456	20.240	ug/l	98
62) Toluene	8.720	91	65293	19.173	ug/l	99
64) Chlorobenzene	10.079	112	41281	18.918	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	15808	19.088	ug/l	95
66) Ethyl Benzene	10.195	91	72797	18.964	ug/l	97
67) m/p-Xylenes	10.299	106	56801	37.789	ug/l	98
68) o-Xylene	10.640	106	27251	18.548	ug/l	98
69) Styrene	10.659	104	44752	18.322	ug/l	98
70) Isopropylbenzene	10.963	105	73145	18.927	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	20225	17.903	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	19131m	17.437	ug/l	
73) Bromobenzene	11.201	156	17747	18.457	ug/l	99
74) n-propylbenzene	11.305	91	83141	18.875	ug/l	100
75) 2-Chlorotoluene	11.366	91	50257	18.848	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	61753	19.023	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	5562	17.113	ug/l	94
78) 4-Chlorotoluene	11.457	91	56462	18.600	ug/l	99
79) tert-butylbenzene	11.713	119	59240	18.762	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	60606	18.739	ug/l	99
81) sec-Butylbenzene	11.890	105	75649	18.836	ug/l	100
82) p-Isopropyltoluene	12.012	119	63032	18.348	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	33921	18.849	ug/l	100
84) 1,4-Dichlorobenzene	12.043	146	33396	18.585	ug/l	99
85) n-Butylbenzene	12.335	91	53180	18.979	ug/l	98
86) Hexachloroethane	12.542	117	9253	17.331	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	32074	18.432	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	4363	16.303	ug/l	96
89) 1,2,4-Trichlorobenzene	13.591	180	20467	17.906	ug/l	99
90) Hexachlorobutadiene	13.725	225	9103	18.968	ug/l	99
91) Naphthalene	13.774	128	67449	17.708	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	20004	17.455	ug/l	98

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

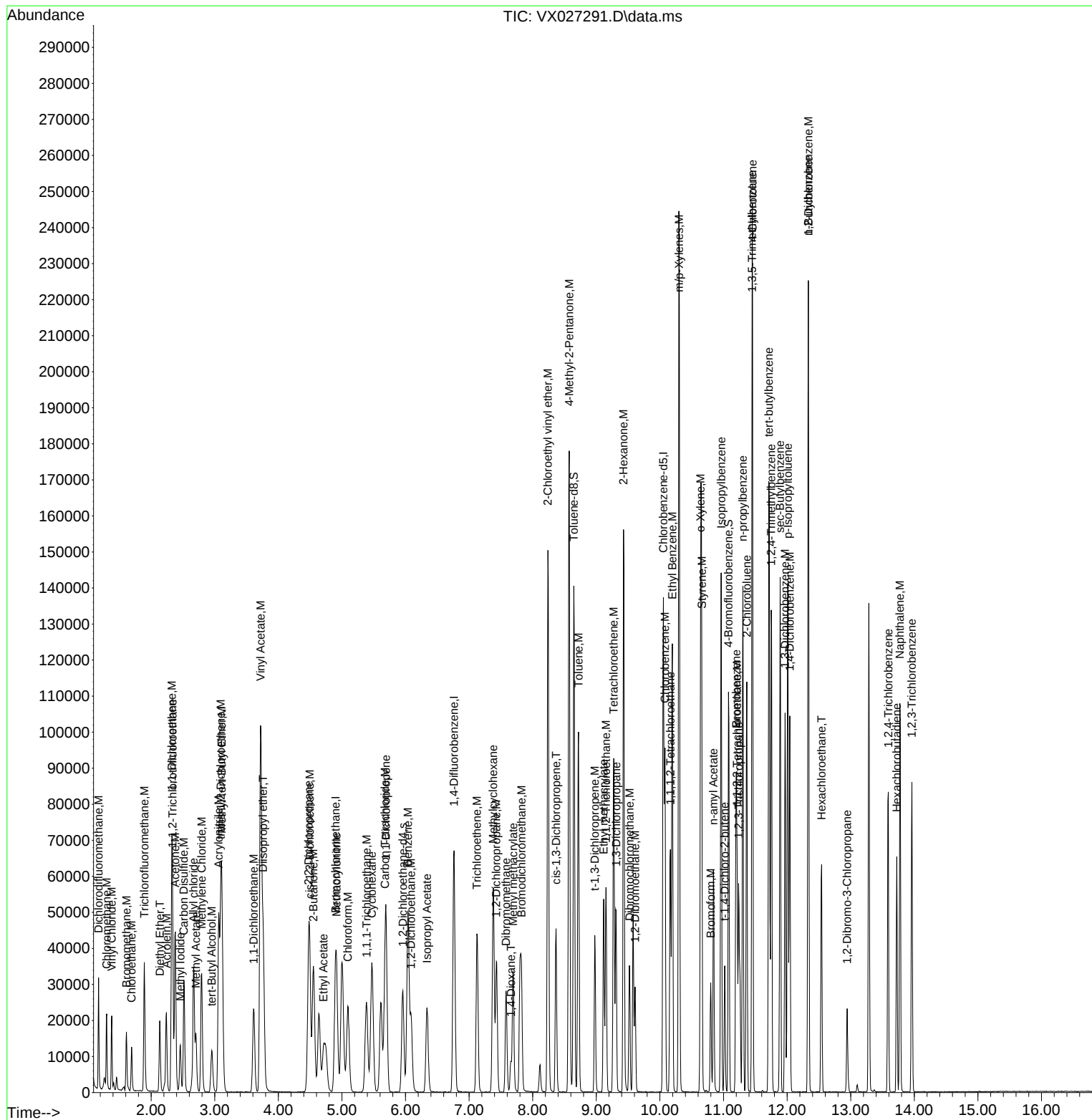
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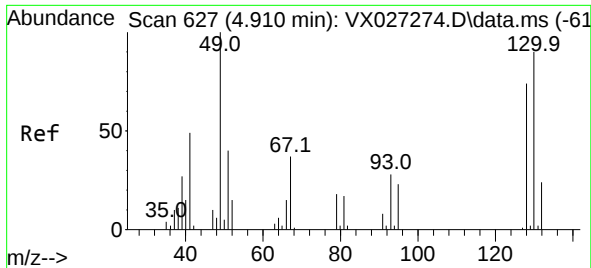
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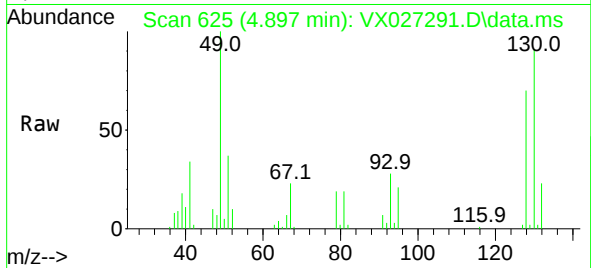
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.013 min
Lab File: VX027291.D
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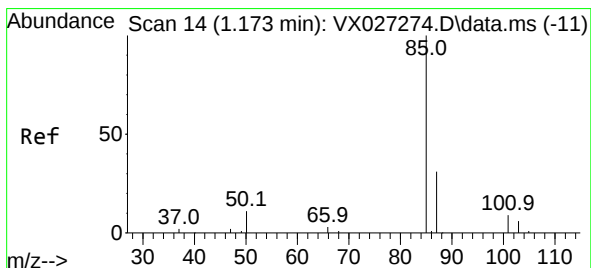
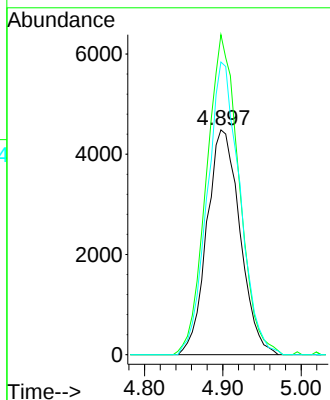
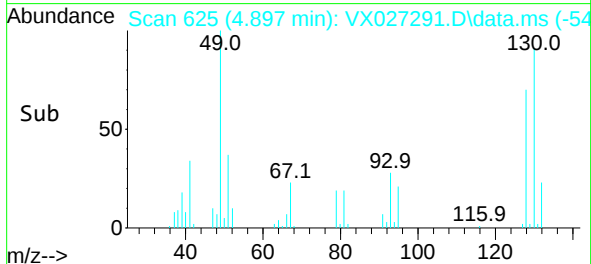
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 13164
Ion Ratio Lower Upper
128 100
49 140.4 0.0 358.3
130 128.1 0.0 319.3

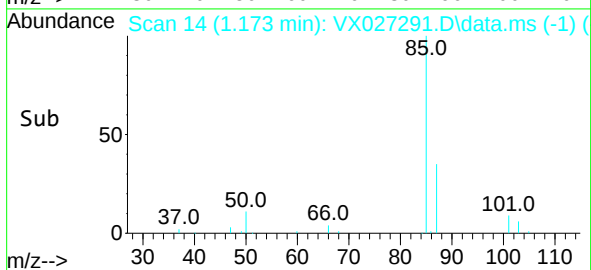
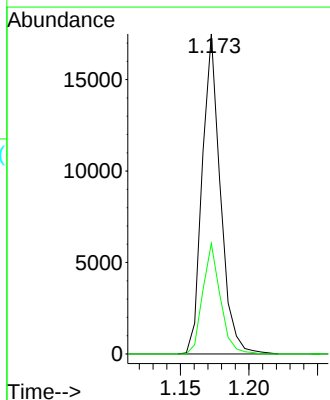
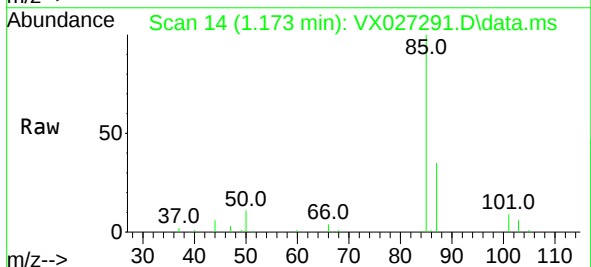
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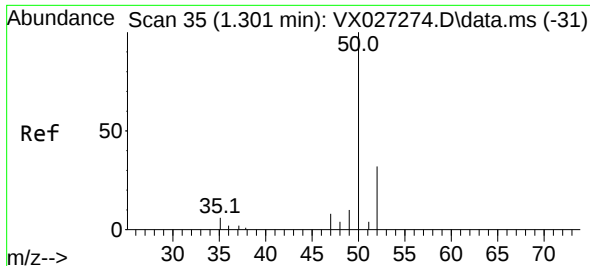
Reviewed By :John Carlone 03/07/2022
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#2
Dichlorodifluoromethane
Concen: 19.197 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

Tgt Ion: 85 Resp: 16177
Ion Ratio Lower Upper
85 100
87 34.6 15.6 46.8





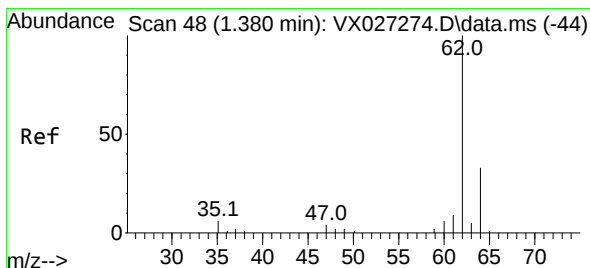
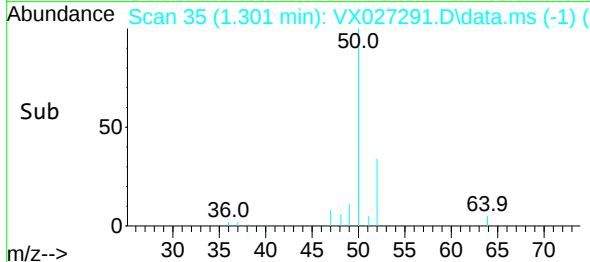
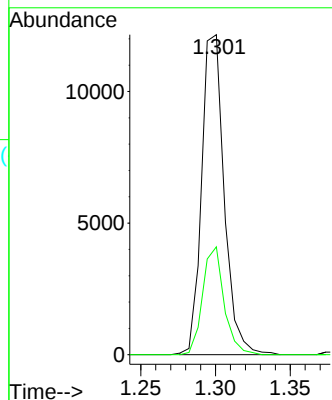
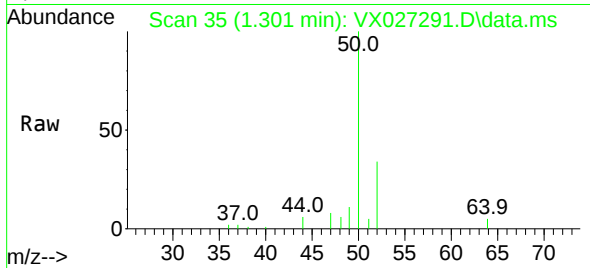
#3
Chloromethane
Concen: 18.850 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

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Tgt Ion: 50 Resp: 12775
Ion Ratio Lower Upper
50 100
52 33.7 25.6 38.4

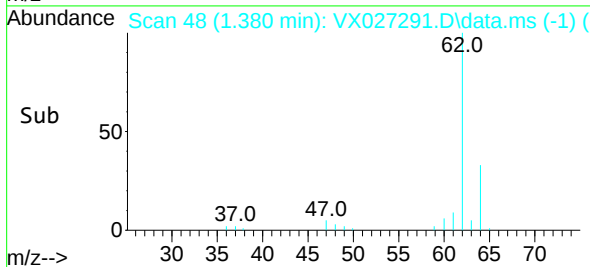
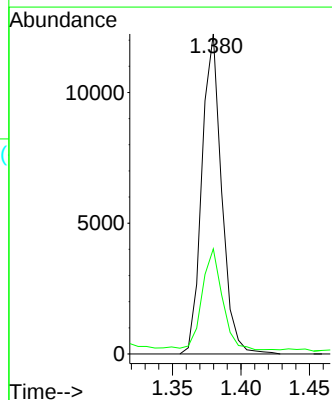
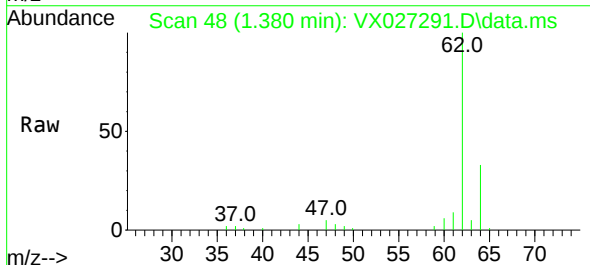
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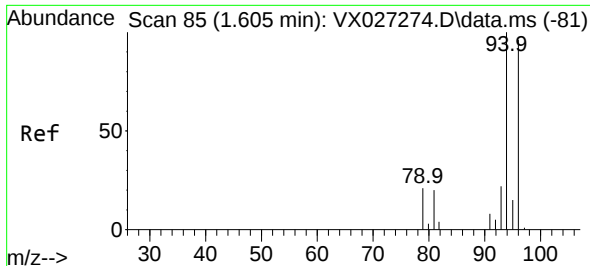
Reviewed By :John Carlone 03/07/2022
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#4
Vinyl Chloride
Concen: 18.979 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

Tgt Ion: 62 Resp: 12317
Ion Ratio Lower Upper
62 100
64 31.5 26.2 39.2





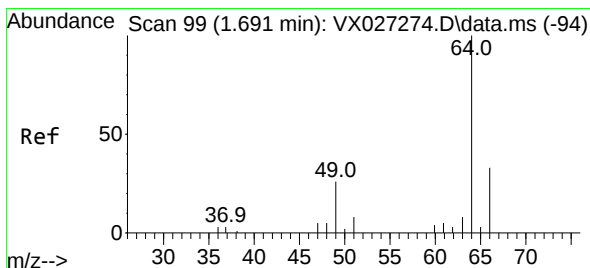
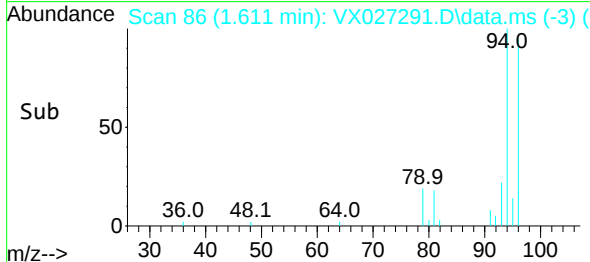
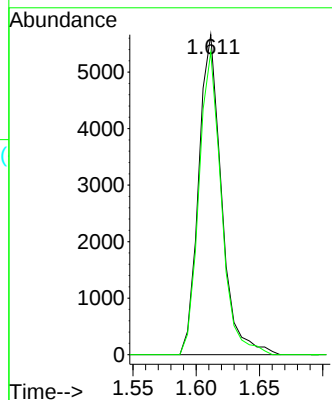
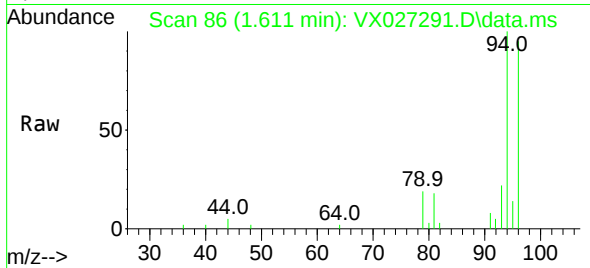
#5
Bromomethane
Concen: 20.481 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 714
Ion Ratio Lower Upper
94 100
96 94.5 77.0 115.6

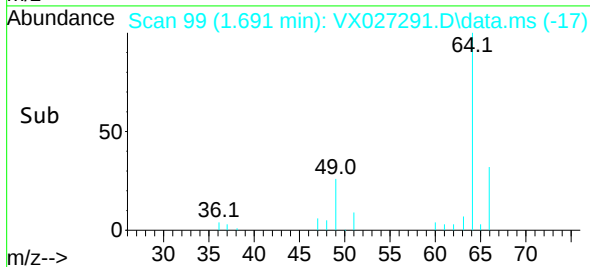
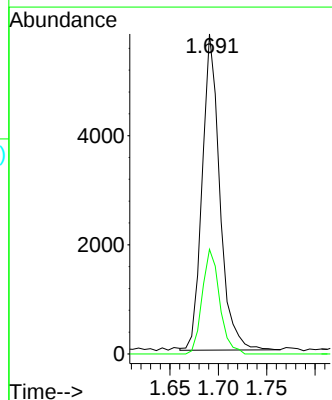
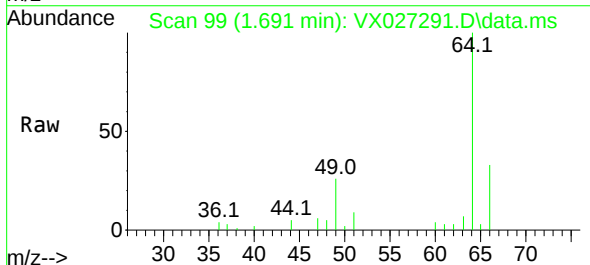
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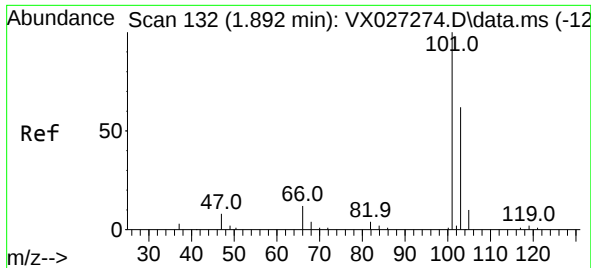
Reviewed By :John Carlone 03/07/2022
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#6
Chloroethane
Concen: 19.214 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX027291.D
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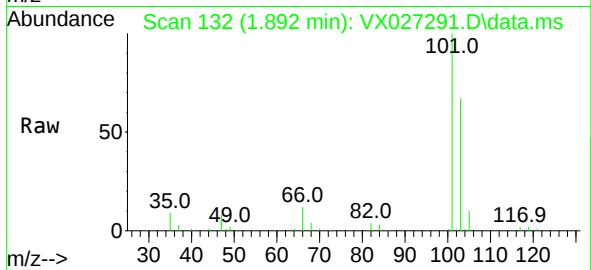
Tgt Ion: 64 Resp: 7368
Ion Ratio Lower Upper
64 100
66 33.1 26.4 39.6





#7
Trichlorofluoromethane
Concen: 19.974 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027291.D
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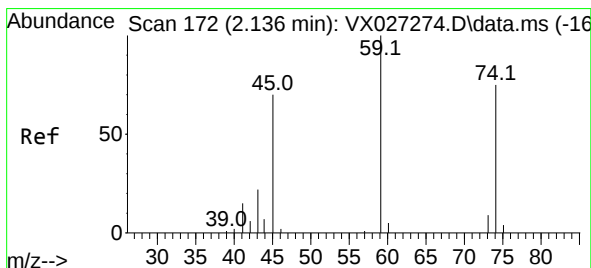
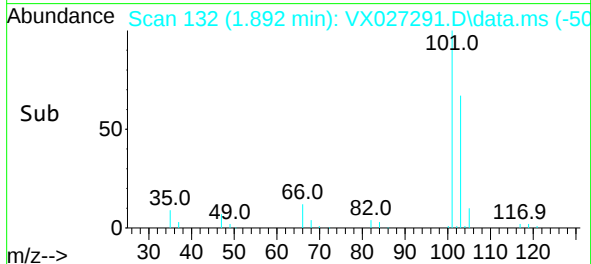
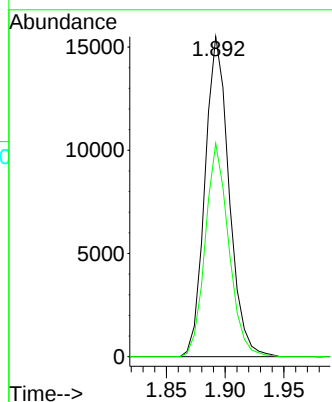
Instrument :
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Tgt Ion:101 Resp: 22170
Ion Ratio Lower Upper
101 100
103 66.7 49.6 74.4

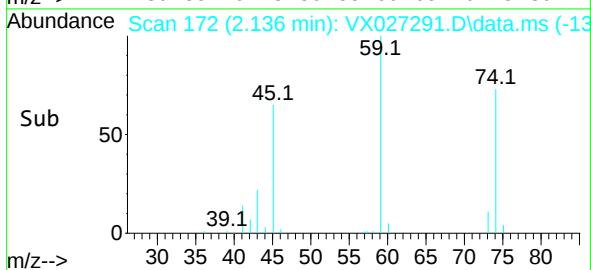
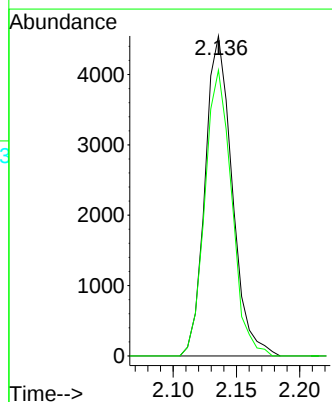
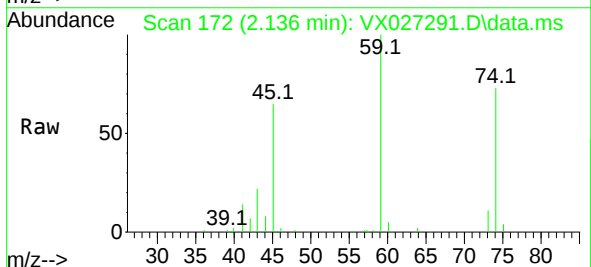
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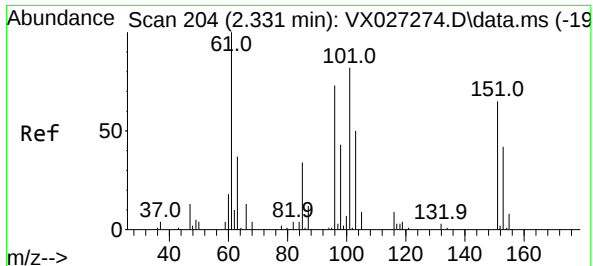
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#8
Diethyl Ether
Concen: 19.201 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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Acq: 04 Mar 2022 10:47

Tgt Ion: 74 Resp: 6787
Ion Ratio Lower Upper
74 100
45 88.3 18.7 168.7





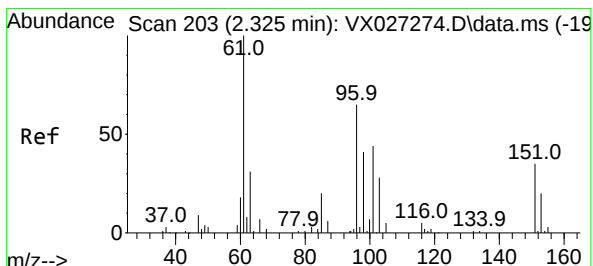
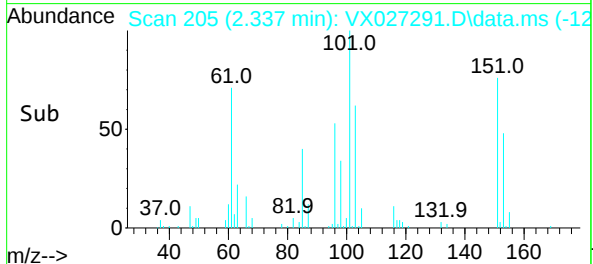
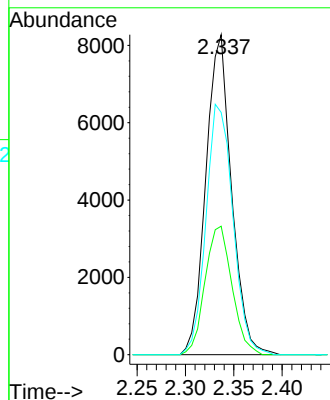
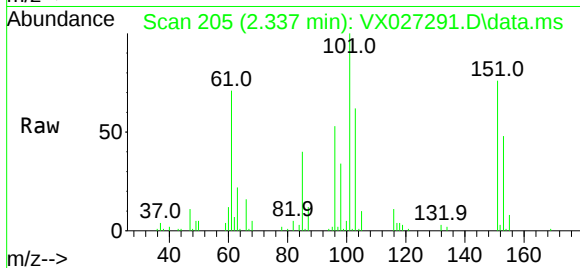
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.706 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX027291.D
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Tgt Ion:101 Resp: 1529
Ion Ratio Lower Upper
101 100
85 42.1 0.0 84.6
151 82.3 0.0 165.4

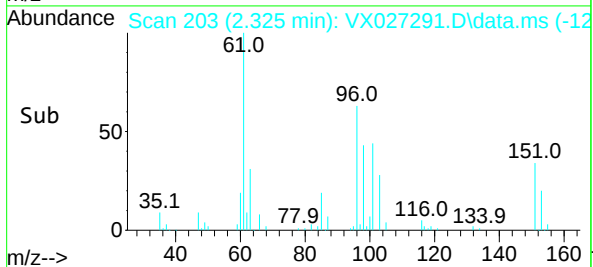
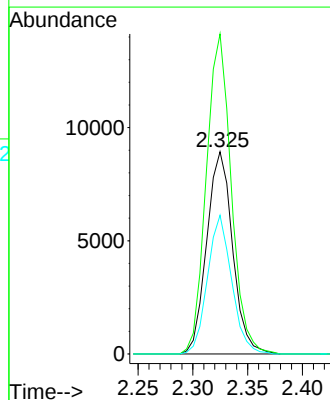
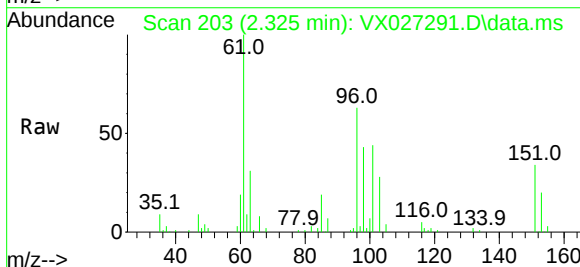
Manual Integrations
APPROVED

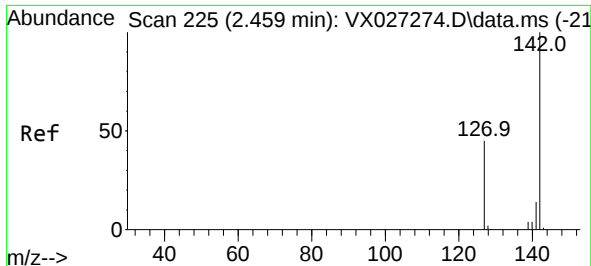
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#10
1,1-Dichloroethene
Concen: 19.448 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

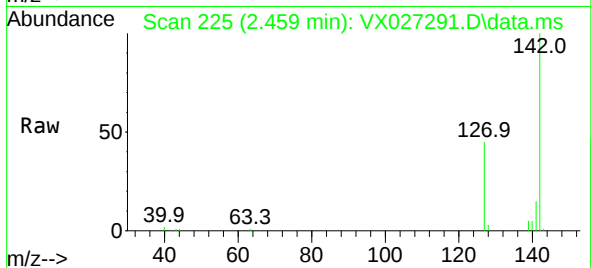
Tgt Ion: 96 Resp: 14660
Ion Ratio Lower Upper
96 100
61 158.2 122.6 183.8
98 68.6 50.1 75.1





#11
Methyl Iodide
Concen: 14.815 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

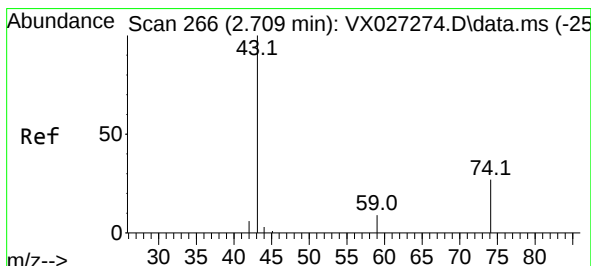
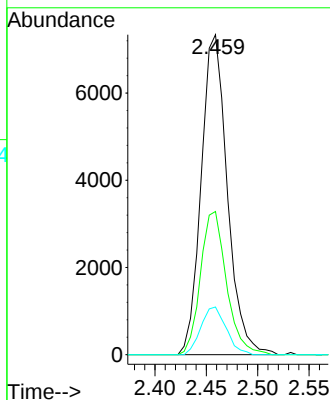
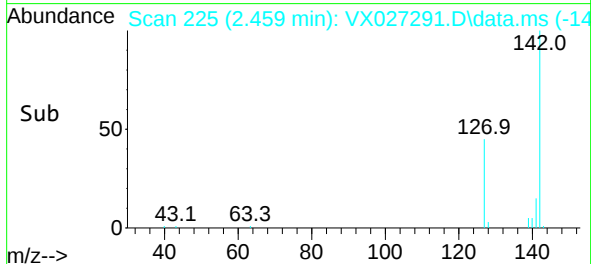
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



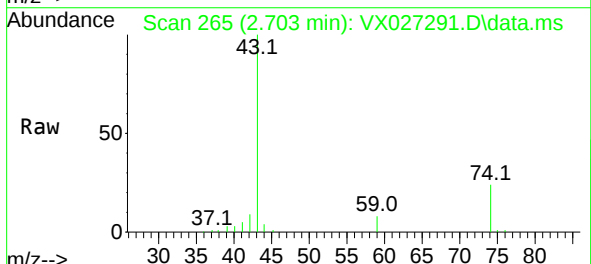
Tgt Ion:142 Resp: 13010
Ion Ratio Lower Upper
142 100
127 44.8 22.3 66.9
141 14.9 7.0 20.9

Manual Integrations
APPROVED

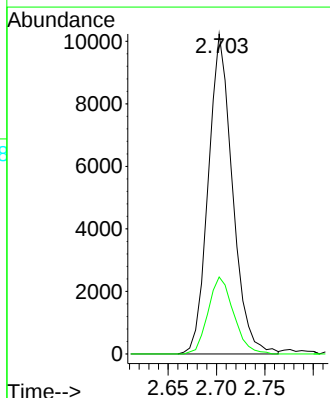
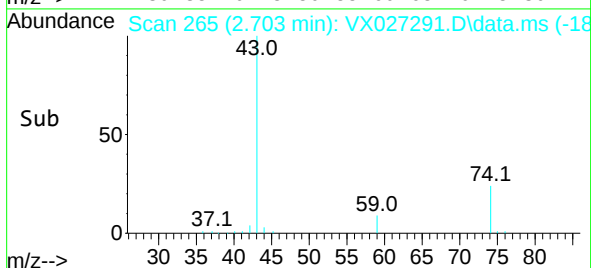
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

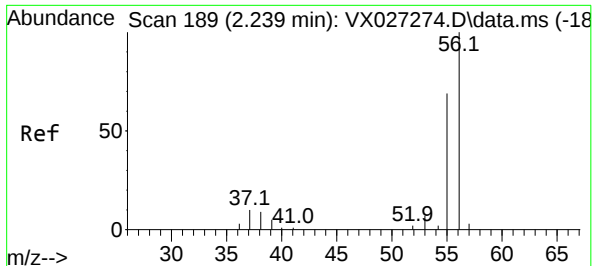


#12
Methyl Acetate
Concen: 18.149 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47



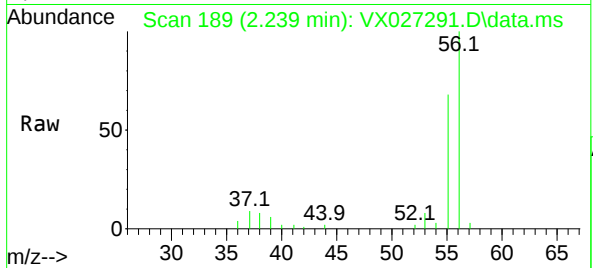
Tgt Ion: 43 Resp: 17801
Ion Ratio Lower Upper
43 100
74 24.2 22.1 33.1





#13
Acrolein
Concen: 104.659 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

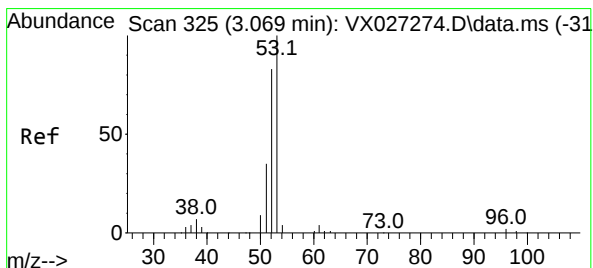
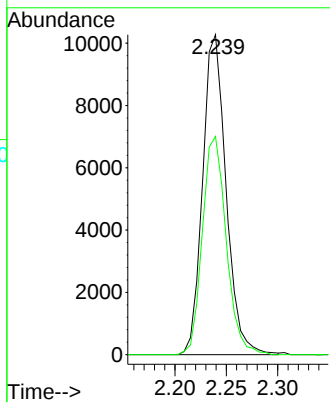
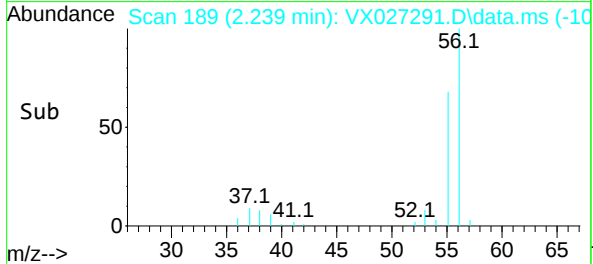
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



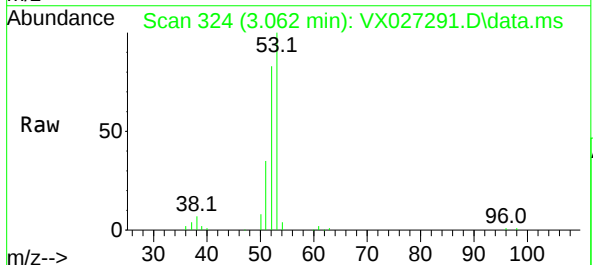
Tgt Ion: 56 Resp: 16328
Ion Ratio Lower Upper
56 100
55 69.2 56.4 84.6

Manual Integrations
APPROVED

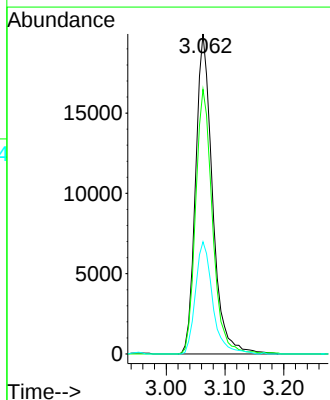
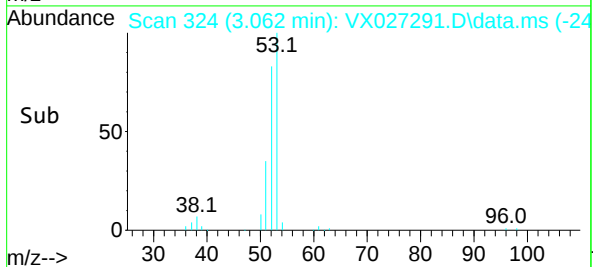
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

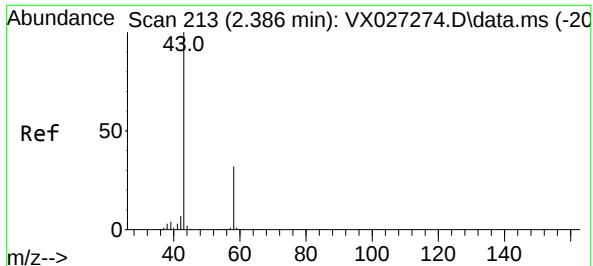


#14
Acrylonitrile
Concen: 90.157 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.006 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47



Tgt Ion: 53 Resp: 39883
Ion Ratio Lower Upper
53 100
52 82.1 41.5 124.5
51 35.6 18.1 54.4





#15

Acetone

Concen: 114.524 ug/l

RT: 2.380 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX027291.D

Acq: 04 Mar 2022 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 58 Resp: 1454

Ion Ratio Lower Upper

58 100

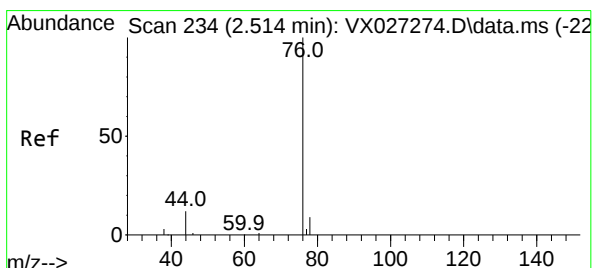
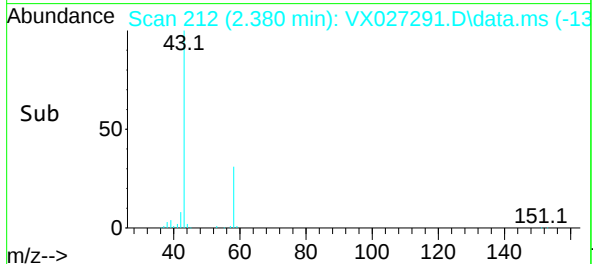
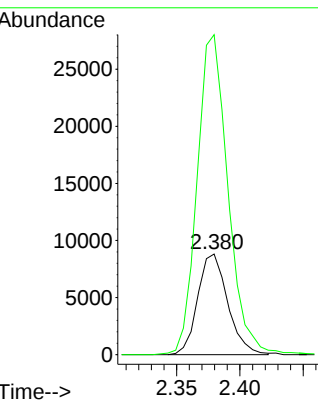
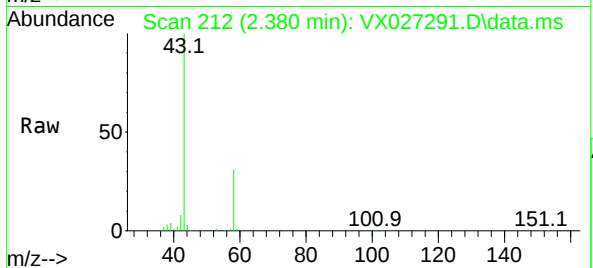
43 316.3 250.2 375.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#16

Carbon Disulfide

Concen: 19.406 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX027291.D

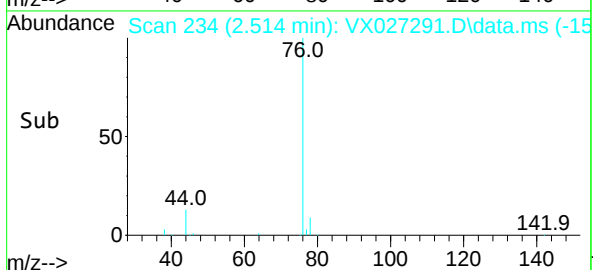
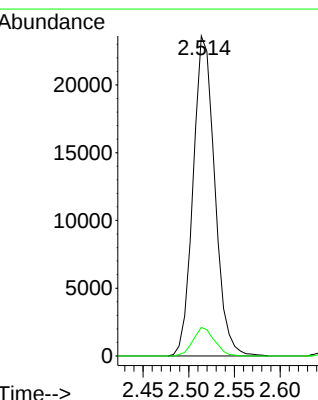
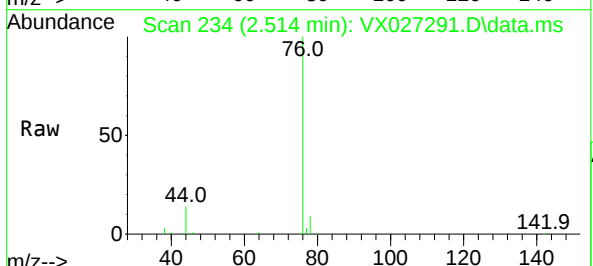
Acq: 04 Mar 2022 10:47

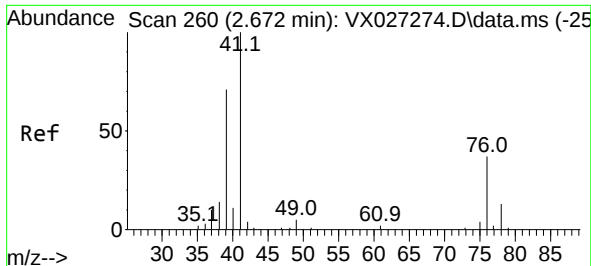
Tgt Ion: 76 Resp: 38844

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7





#17

Allyl chloride

Concen: 18.765 ug/l

RT: 2.666 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX027291.D

Acq: 04 Mar 2022 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

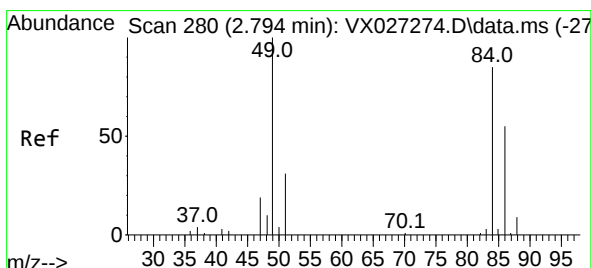
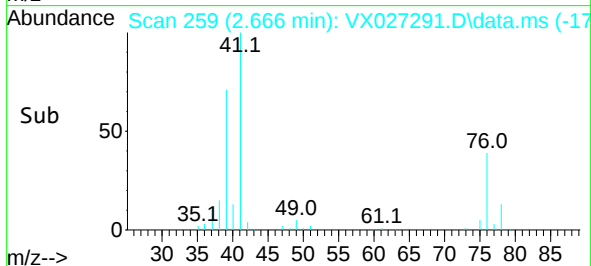
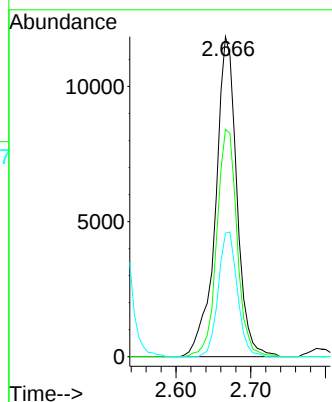
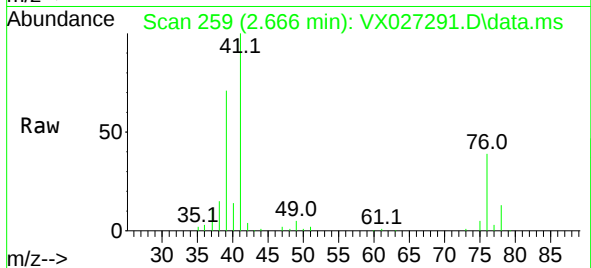
Tgt Ion:	41	Resp:	2351
Ion	Ratio	Lower	Upper
41	100		
39	71.0	35.4	106.1
76	38.6	18.4	55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#18

Methylene Chloride

Concen: 18.139 ug/l

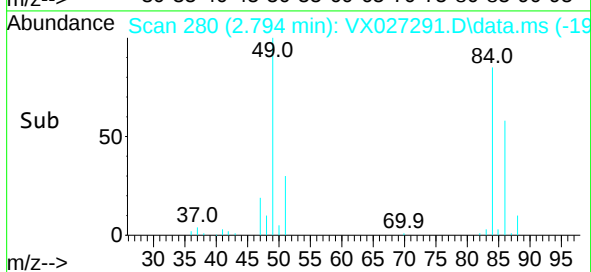
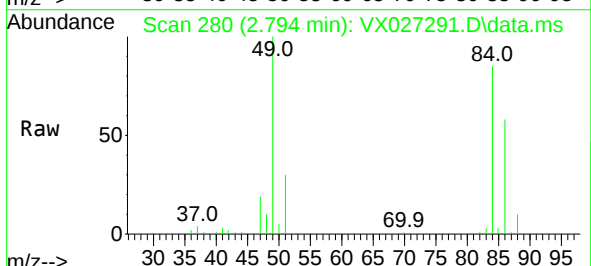
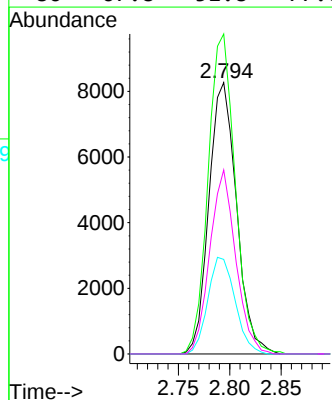
RT: 2.794 min Scan# 280

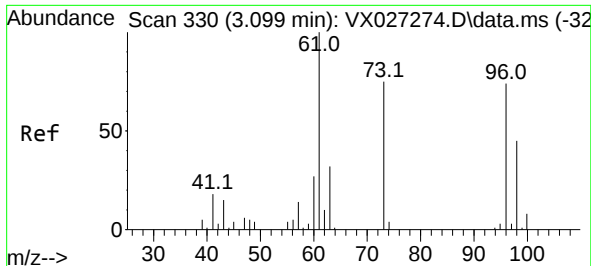
Delta R.T. -0.000 min

Lab File: VX027291.D

Acq: 04 Mar 2022 10:47

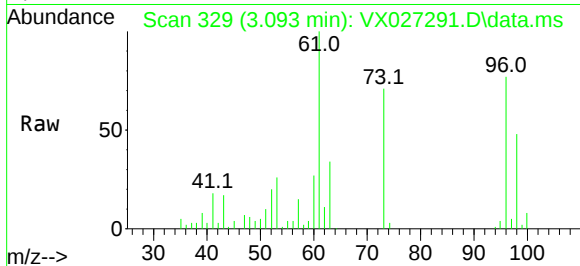
Tgt Ion:	84	Resp:	15440
Ion	Ratio	Lower	Upper
84	100		
49	117.9	94.2	141.2
51	34.9	29.2	43.8
86	67.8	51.8	77.6





#19
trans-1,2-Dichloroethene
Concen: 19.458 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

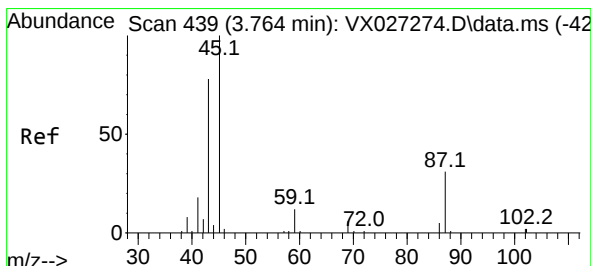
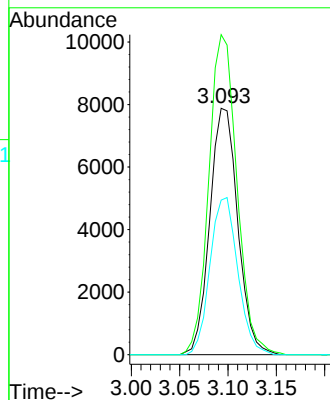
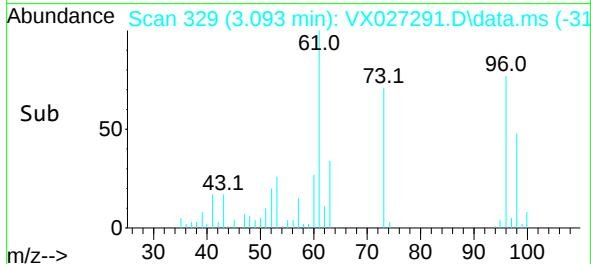
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



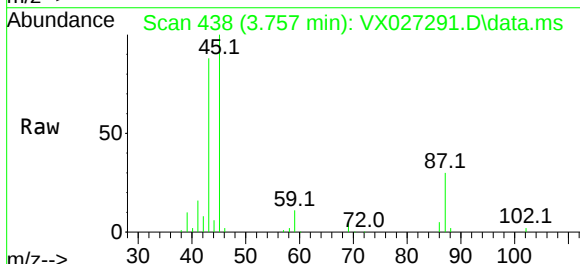
Tgt Ion: 96 Resp: 1586
Ion Ratio Lower Upper
96 100
61 129.9 108.7 163.1
98 62.7 49.2 73.8

Manual Integrations
APPROVED

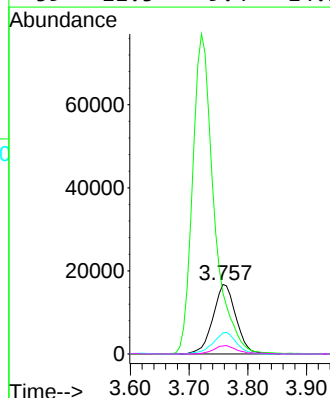
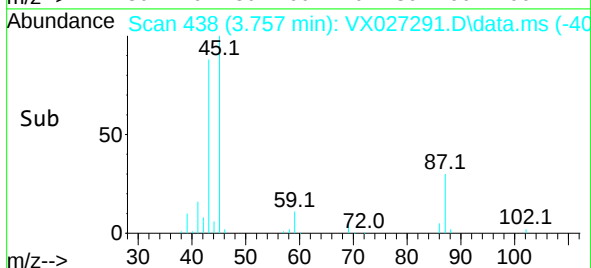
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

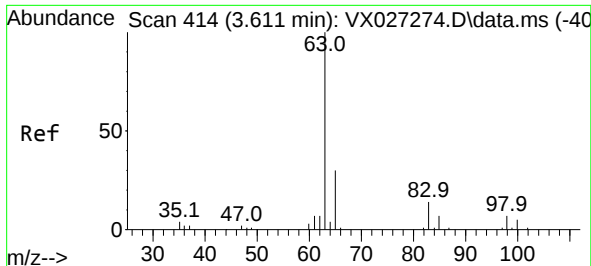


#20
Diisopropyl ether
Concen: 18.849 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47



Tgt Ion: 45 Resp: 45402
Ion Ratio Lower Upper
45 100
43 86.7 70.3 105.5
87 30.2 24.5 36.7
59 11.5 9.4 14.2





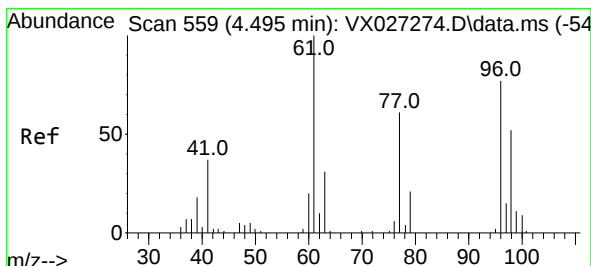
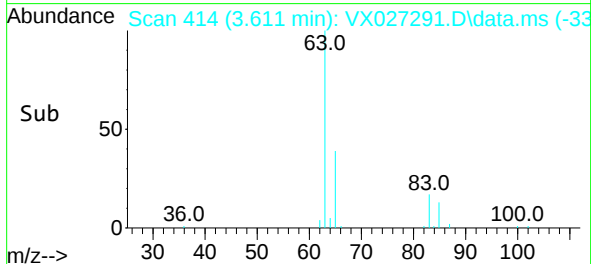
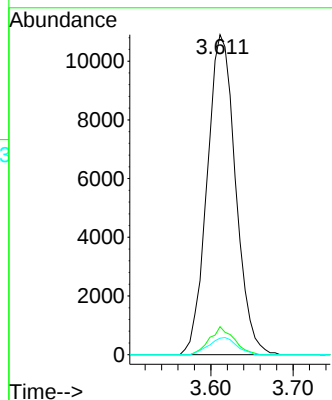
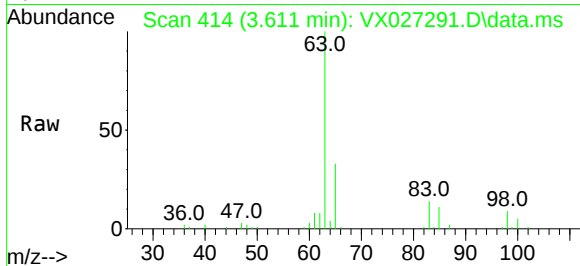
#21
1,1-Dichloroethane
Concen: 18.606 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 26214
Ion Ratio Lower Upper
63 100
98 8.7 3.8 11.2
100 5.2 2.5 7.5

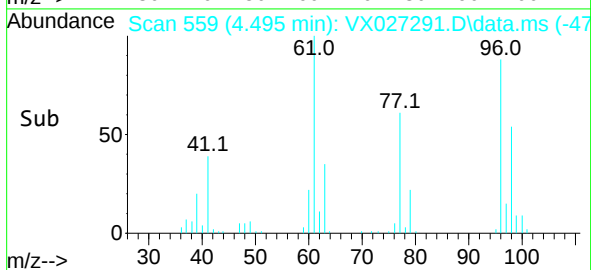
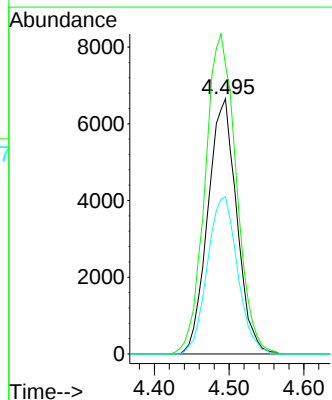
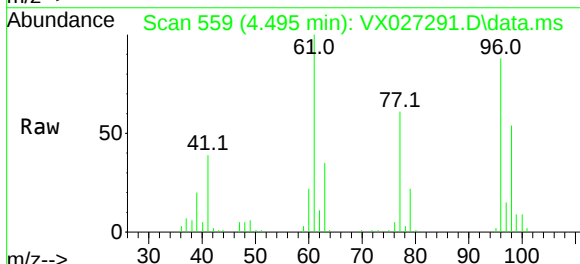
Manual Integrations
APPROVED

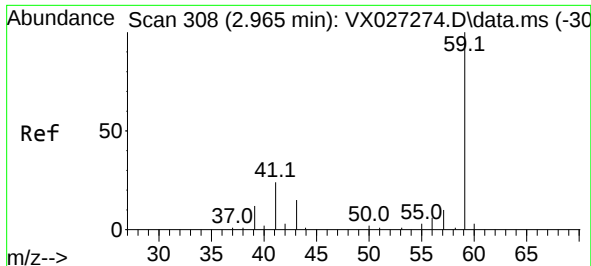
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#22
cis-1,2-Dichloroethene
Concen: 19.099 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

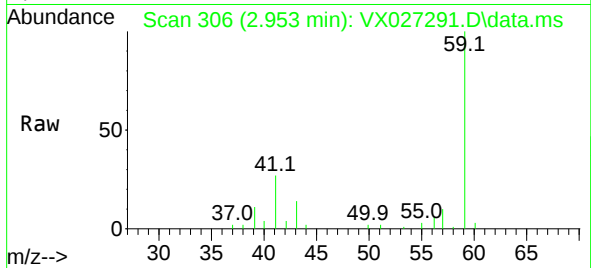
Tgt Ion: 96 Resp: 17885
Ion Ratio Lower Upper
96 100
61 134.8 107.4 161.2
98 64.3 51.1 76.7





#23
tert-Butyl Alcohol
Concen: 78.619 ug/l
RT: 2.953 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

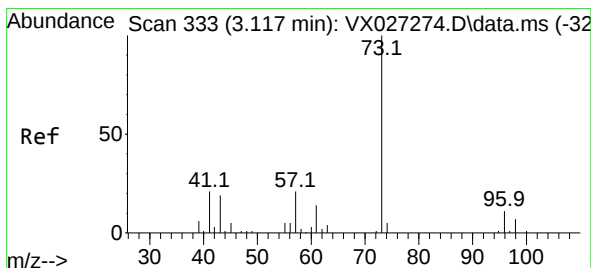
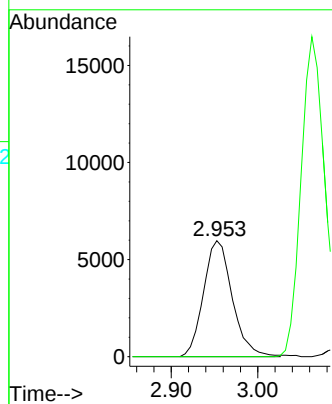
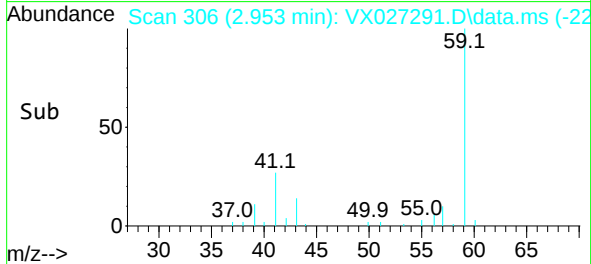
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 59 Resp: 13774
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

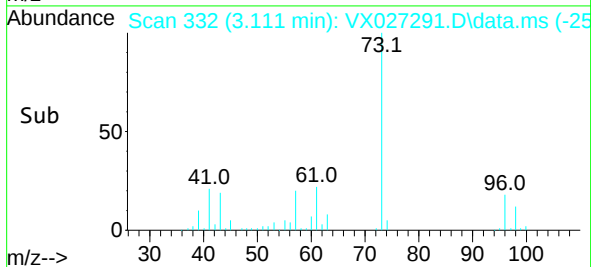
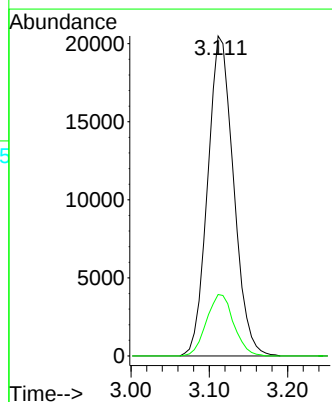
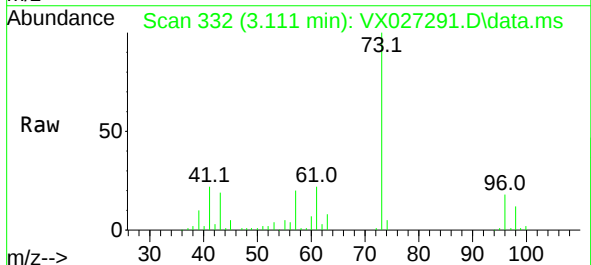
Manual Integrations
APPROVED

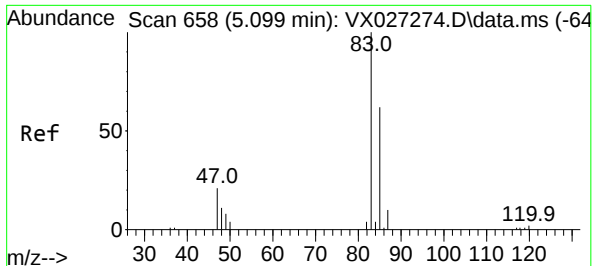
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#24
Methyl tert-Butyl Ether
Concen: 18.815 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

Tgt Ion: 73 Resp: 47074
Ion Ratio Lower Upper
73 100
43 20.2 16.0 24.0





#25

Chloroform

Concen: 18.656 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX027291.D

Acq: 04 Mar 2022 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 2801

Ion Ratio Lower Upper

83 100

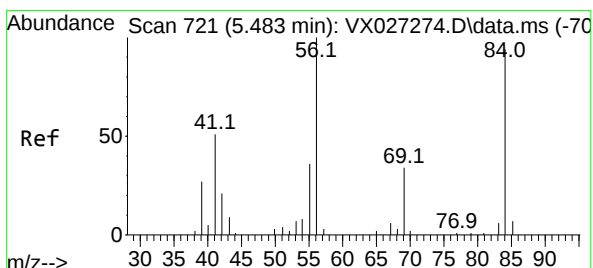
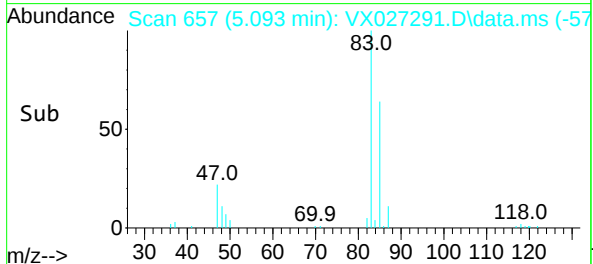
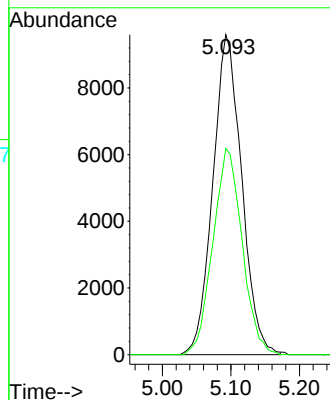
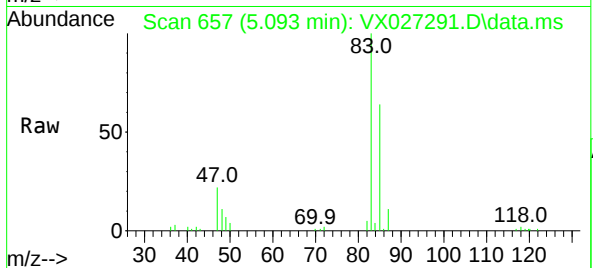
85 64.4 49.9 74.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#26

Cyclohexane

Concen: 19.565 ug/l

RT: 5.471 min Scan# 719

Delta R.T. -0.012 min

Lab File: VX027291.D

Acq: 04 Mar 2022 10:47

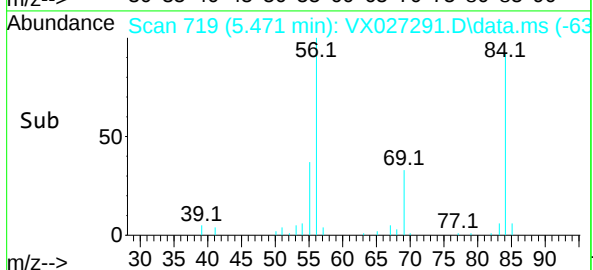
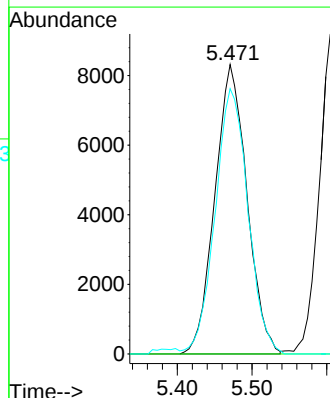
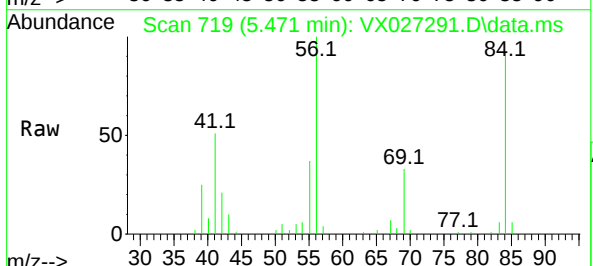
Tgt Ion: 56 Resp: 24821

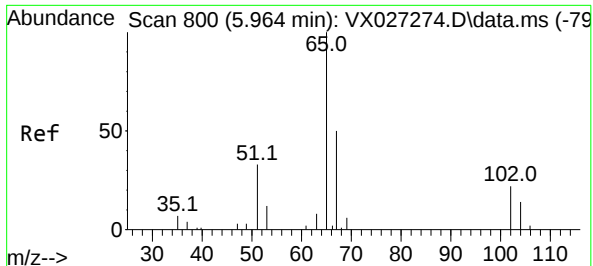
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 93.8 76.2 114.2





#27

1,2-Dichloroethane-d4

Concen: 29.856 ug/l

RT: 5.958 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX027291.D

Acq: 04 Mar 2022 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 27209

Ion Ratio Lower Upper

65 100

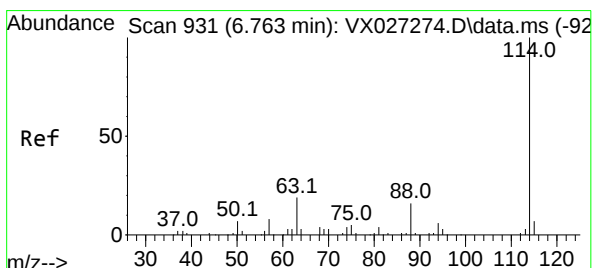
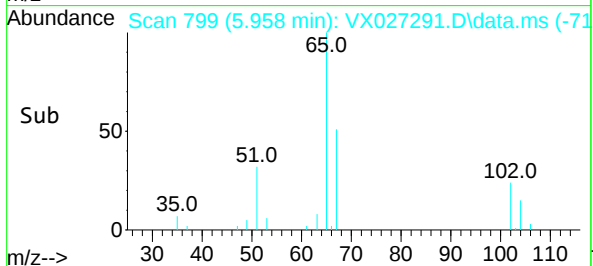
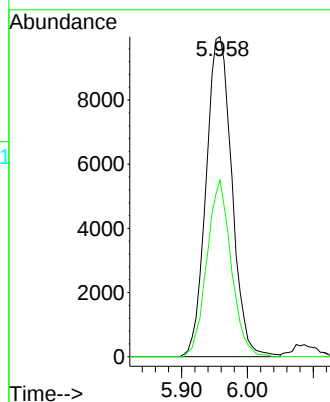
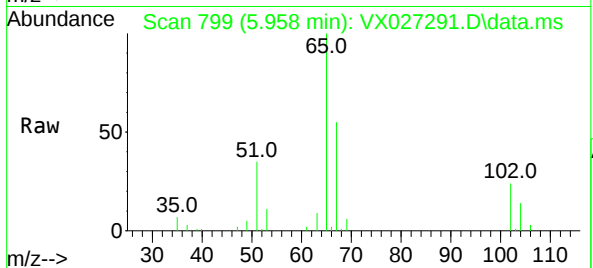
67 51.9 42.3 63.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX027291.D

Acq: 04 Mar 2022 10:47

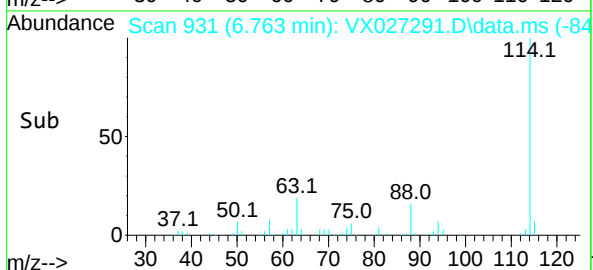
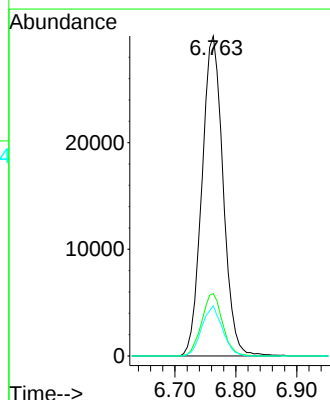
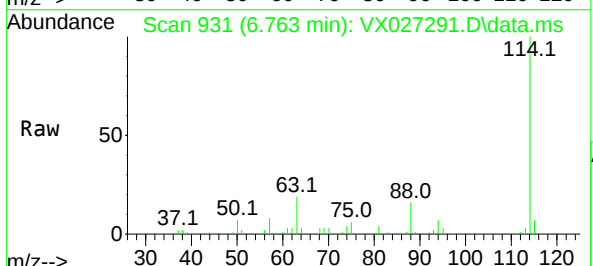
Tgt Ion:114 Resp: 72245

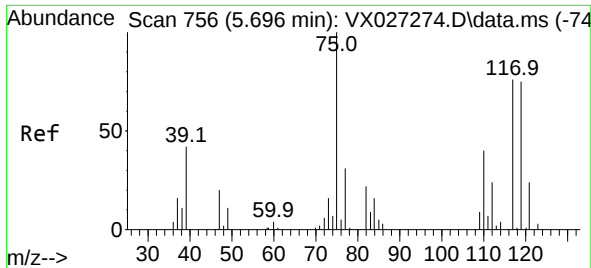
Ion Ratio Lower Upper

114 100

63 19.2 15.3 22.9

88 15.2 12.2 18.4





#29

1,1-Dichloropropene

Concen: 19.473 ug/l

RT: 5.690 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX027291.D

Acq: 04 Mar 2022 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

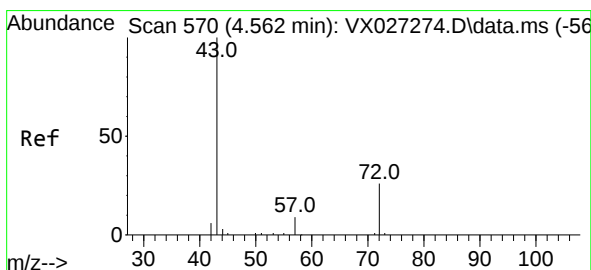
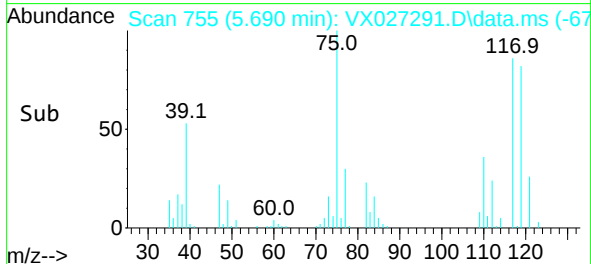
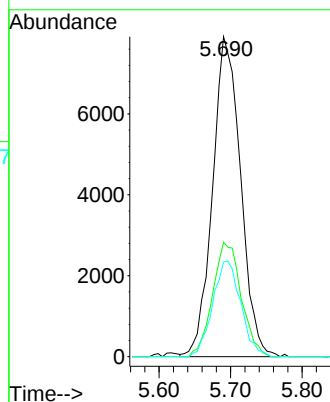
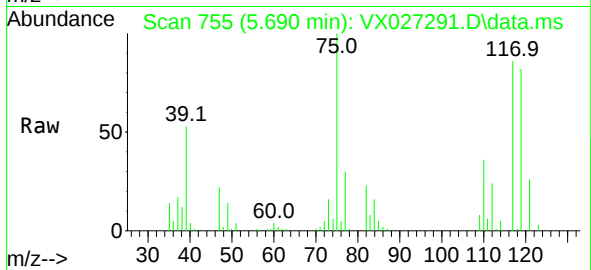
Tgt Ion: 75	Resp: 21500
Ion Ratio	Lower Upper
75 100	
110 36.5	0.0 73.6
77 30.0	0.0 62.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#30

2-Butanone

Concen: 96.474 ug/l

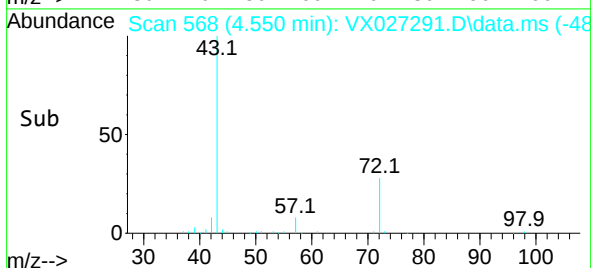
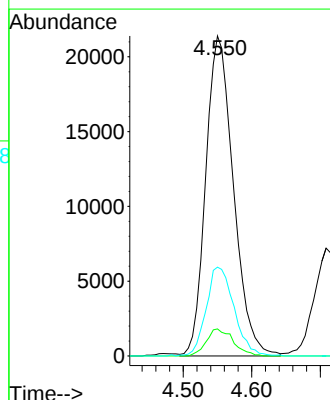
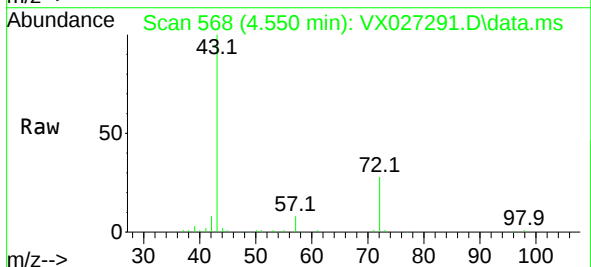
RT: 4.550 min Scan# 568

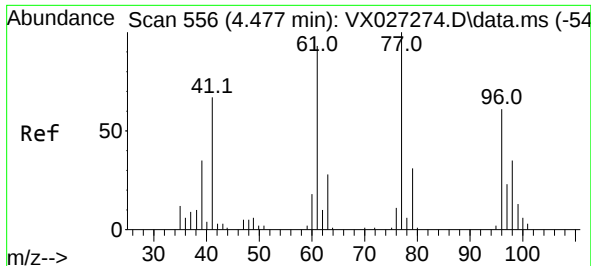
Delta R.T. -0.012 min

Lab File: VX027291.D

Acq: 04 Mar 2022 10:47

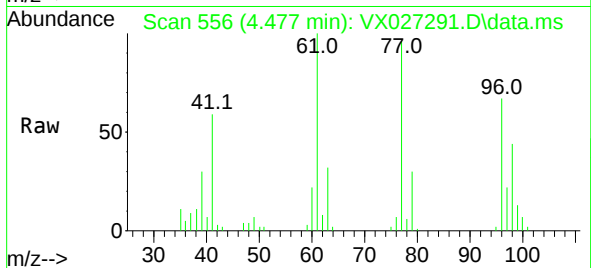
Tgt Ion: 43	Resp: 60146
Ion Ratio	Lower Upper
43 100	
57 5.8	6.6 10.0#
72 27.9	22.1 33.1





#31
2,2-Dichloropropane
Concen: 18.961 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

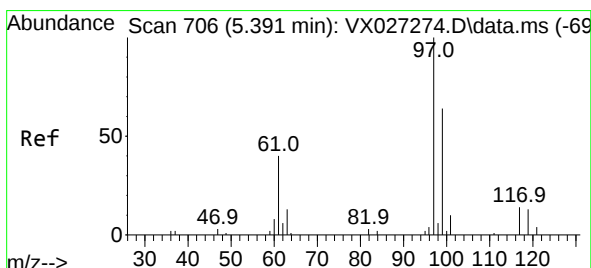
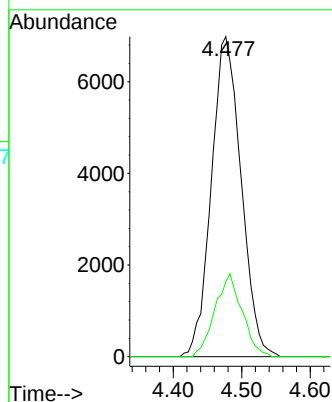
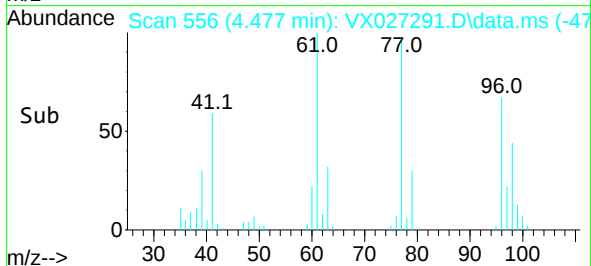
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



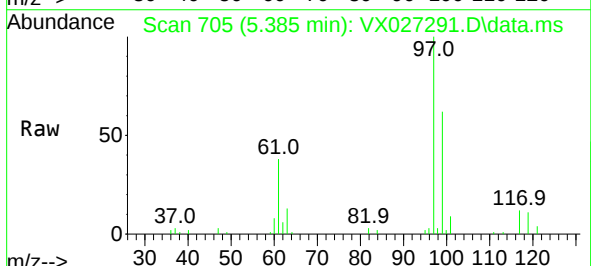
Tgt Ion: 77 Resp: 21052
Ion Ratio Lower Upper
77 100
97 23.7 18.4 27.6

Manual Integrations
APPROVED

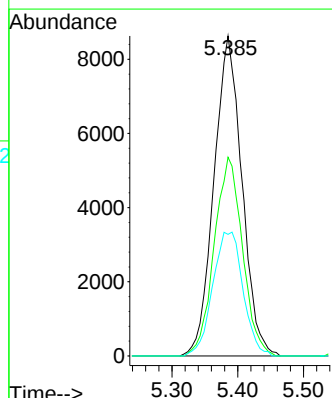
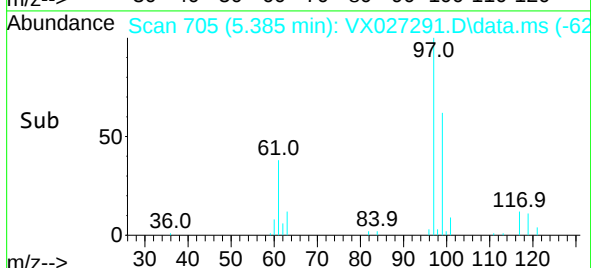
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

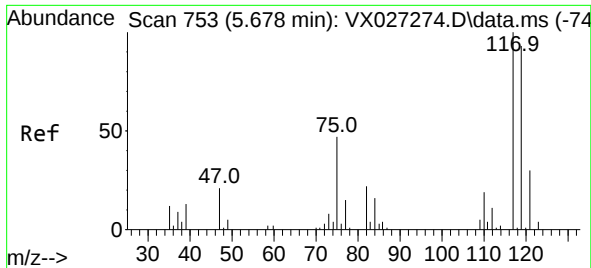


#32
1,1,1-Trichloroethane
Concen: 19.060 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47



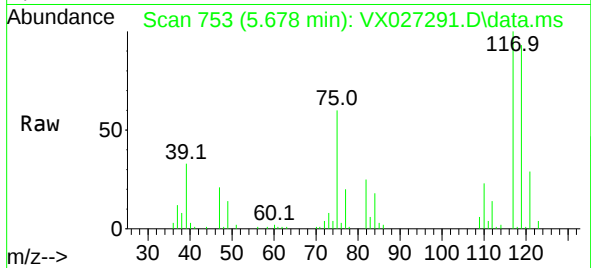
Tgt Ion: 97 Resp: 25566
Ion Ratio Lower Upper
97 100
99 62.6 51.8 77.8
61 41.9 33.4 50.0





#33
Carbon Tetrachloride
Concen: 19.411 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

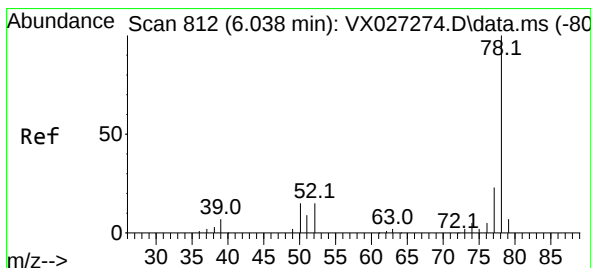
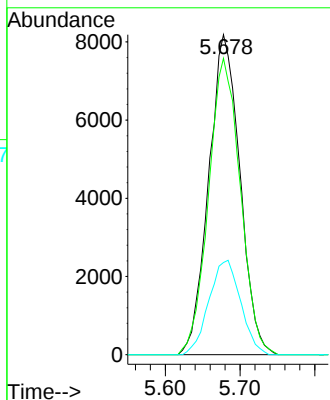
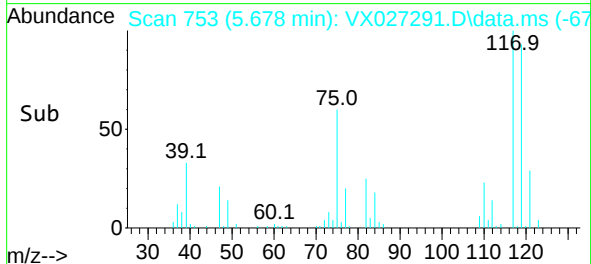
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



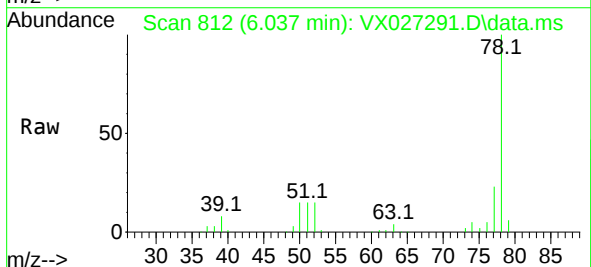
Tgt Ion: 117 Resp: 23750
Ion Ratio Lower Upper
117 100
119 92.6 75.3 112.9
121 28.8 24.1 36.1

Manual Integrations
APPROVED

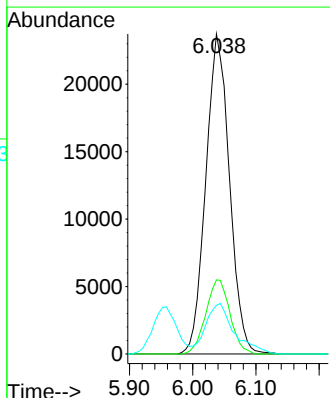
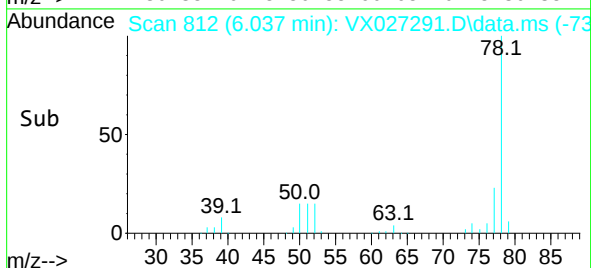
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

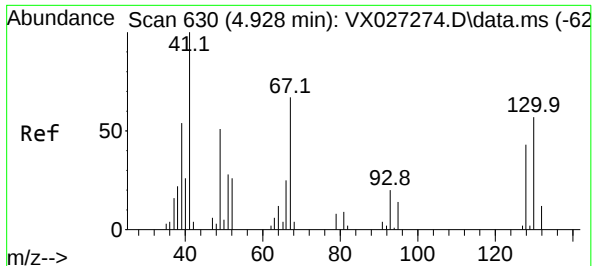


#34
Benzene
Concen: 19.117 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47



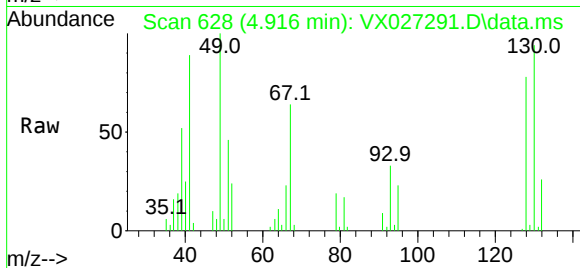
Tgt Ion: 78 Resp: 61697
Ion Ratio Lower Upper
78 100
77 23.2 18.5 27.7
51 15.2 12.9 19.3





#35
Methacrylonitrile
Concen: 17.696 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

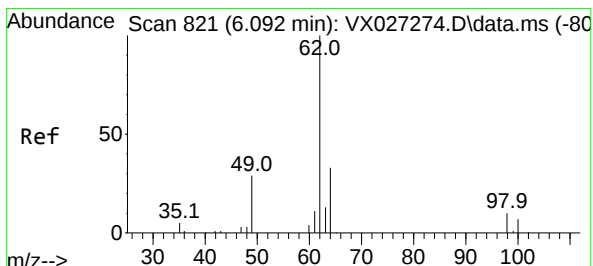
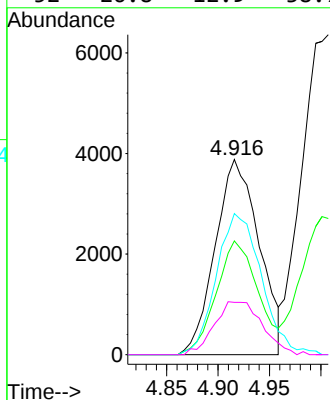
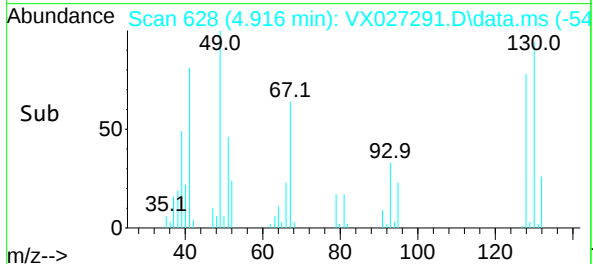
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 41 Resp: 1153
Ion Ratio Lower Upper
41 100
39 58.3 27.0 81.0
67 72.3 33.3 99.8
52 26.8 12.9 38.7

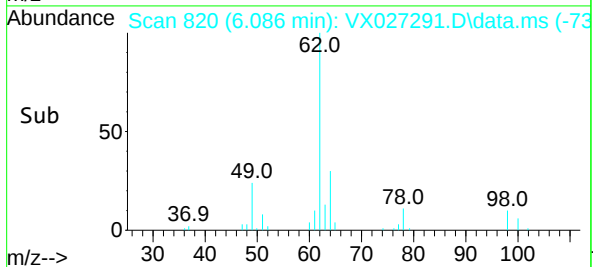
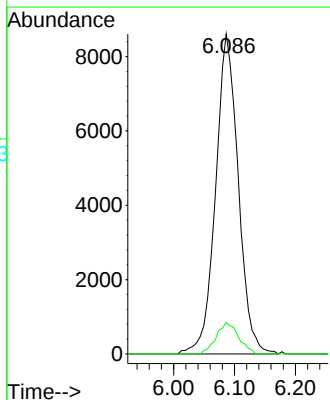
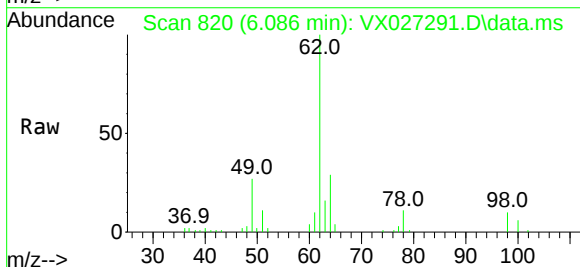
Manual Integrations
APPROVED

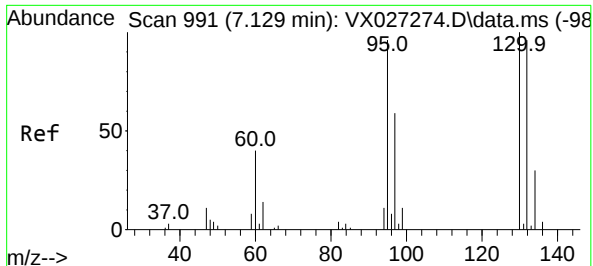
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#36
1,2-Dichloroethane
Concen: 18.918 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

Tgt Ion: 62 Resp: 22239
Ion Ratio Lower Upper
62 100
98 9.7 7.4 11.0





#37

Trichloroethene

Concen: 18.969 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX027291.D

Acq: 04 Mar 2022 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:130 Resp: 1849

Ion Ratio Lower Upper

130 100

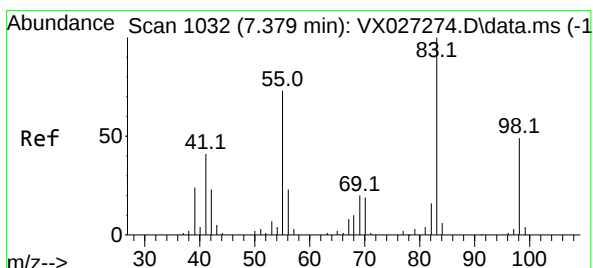
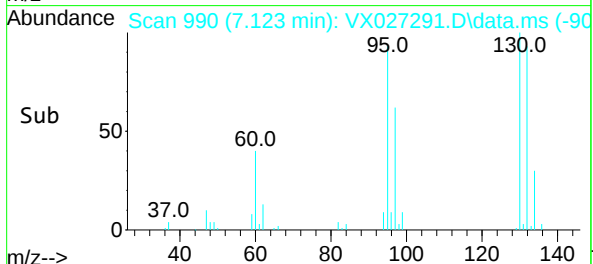
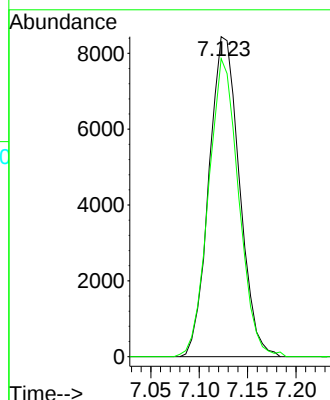
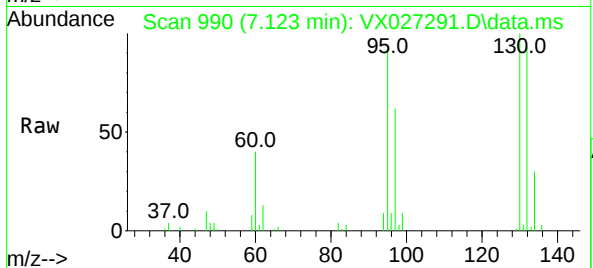
95 92.4 76.5 114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#38

Methylcyclohexane

Concen: 19.791 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX027291.D

Acq: 04 Mar 2022 10:47

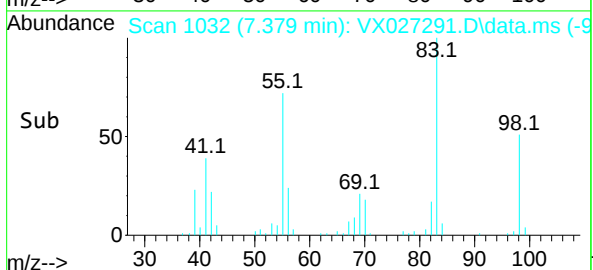
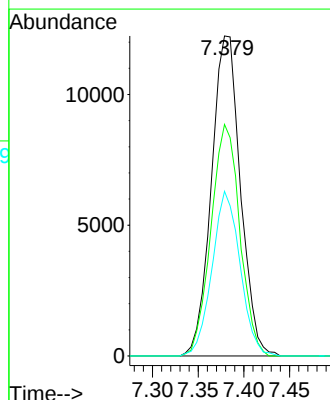
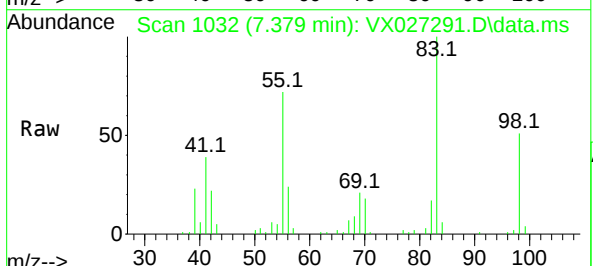
Tgt Ion: 83 Resp: 27077

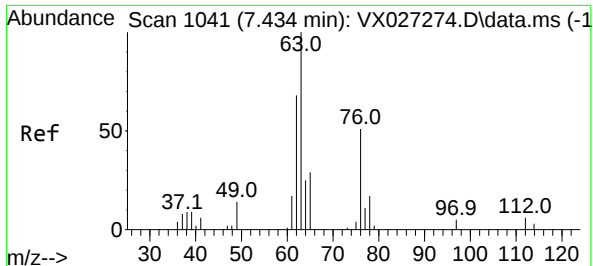
Ion Ratio Lower Upper

83 100

55 71.8 37.0 110.9

98 49.8 25.9 77.8





#39

1,2-Dichloropropane

Concen: 18.918 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX027291.D

Acq: 04 Mar 2022 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 14990

Ion Ratio Lower Upper

63 100

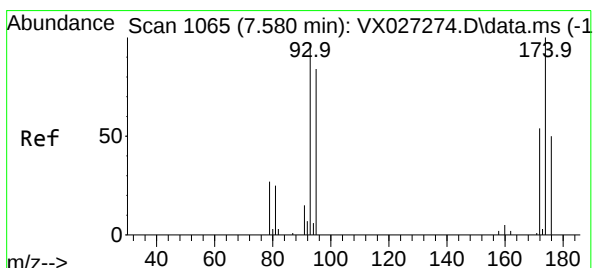
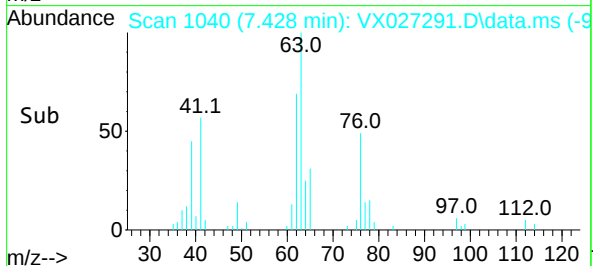
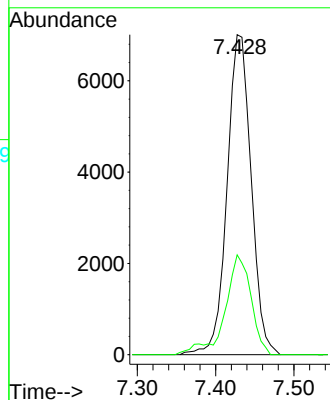
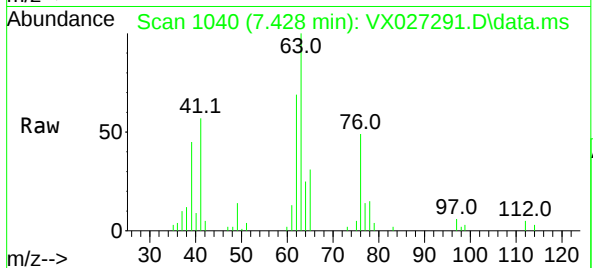
65 31.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#40

Dibromomethane

Concen: 18.298 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX027291.D

Acq: 04 Mar 2022 10:47

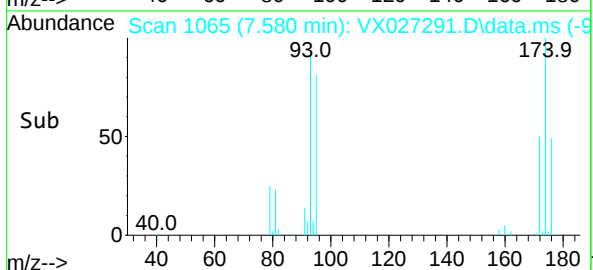
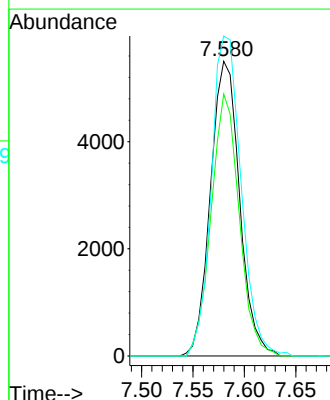
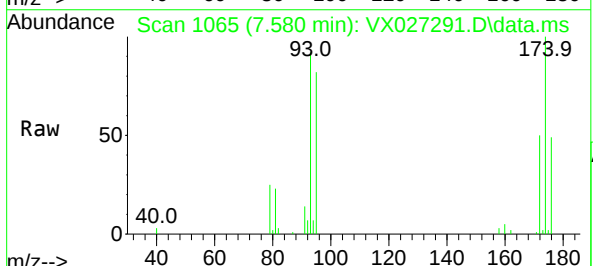
Tgt Ion: 93 Resp: 10842

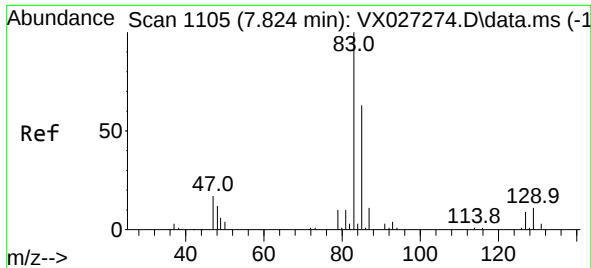
Ion Ratio Lower Upper

93 100

95 85.4 0.0 168.8

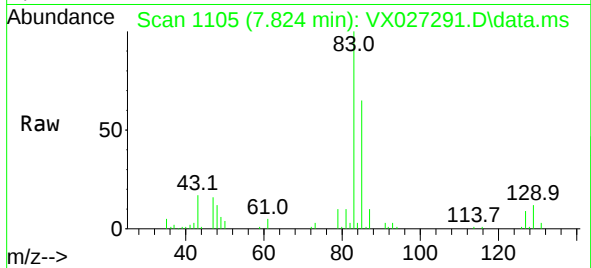
174 110.9 0.0 220.8





#41
Bromodichloromethane
Concen: 18.485 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

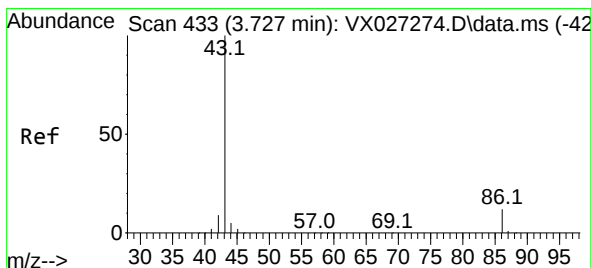
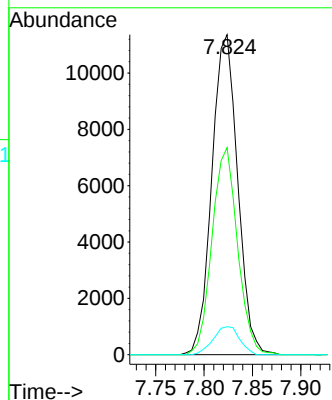
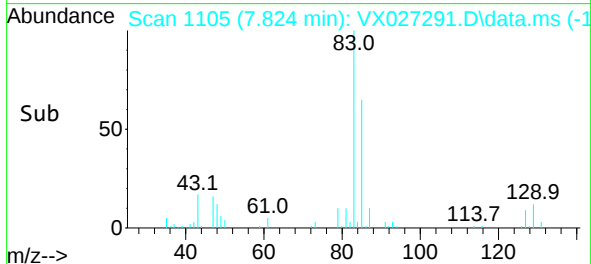
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 21109
Ion Ratio Lower Upper
83 100
85 64.7 50.6 75.8
127 8.7 7.0 10.6

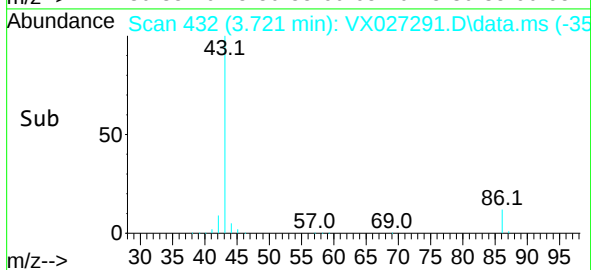
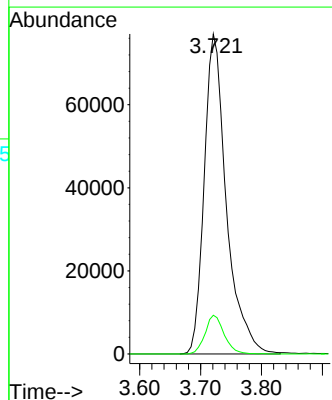
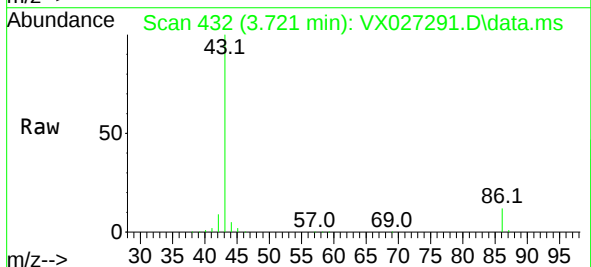
Manual Integrations
APPROVED

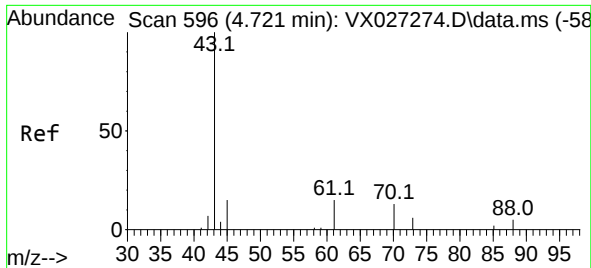
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#42
Vinyl Acetate
Concen: 93.253 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.006 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

Tgt Ion: 43 Resp: 194887
Ion Ratio Lower Upper
43 100
86 10.4 8.5 12.7





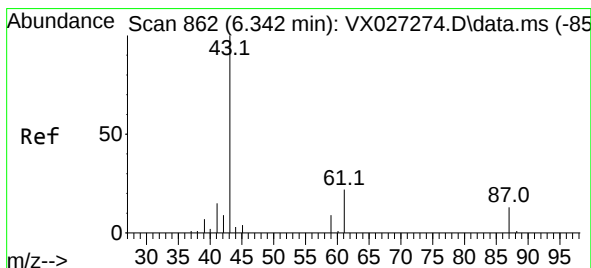
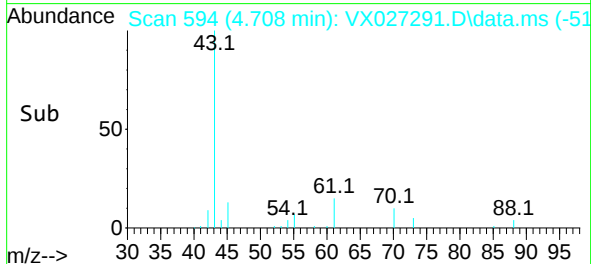
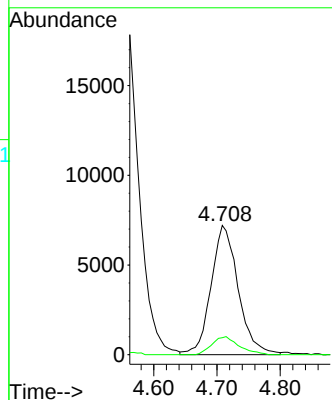
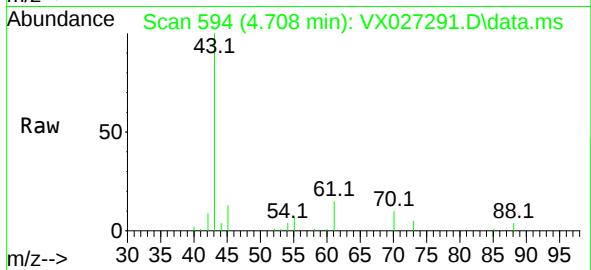
#43
Ethyl Acetate
Concen: 18.189 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.012 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 21490
Ion Ratio Lower Upper
43 100
45 13.9 11.8 17.6

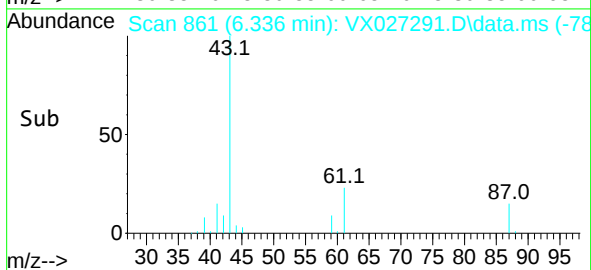
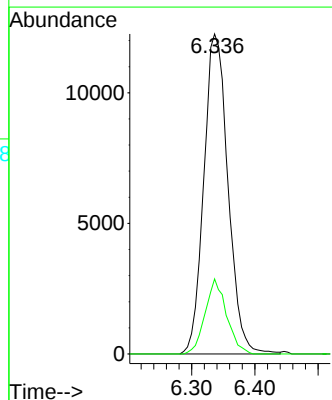
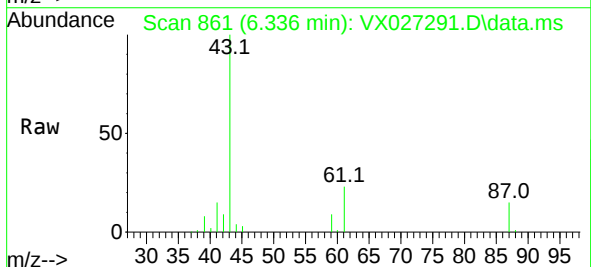
Manual Integrations
APPROVED

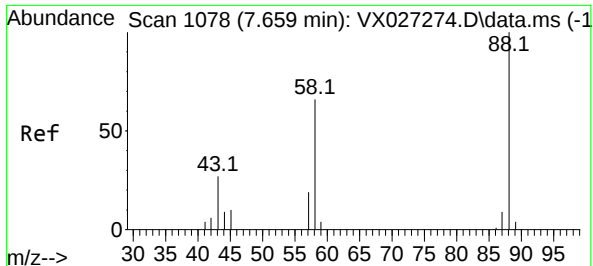
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#44
Isopropyl Acetate
Concen: 17.866 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

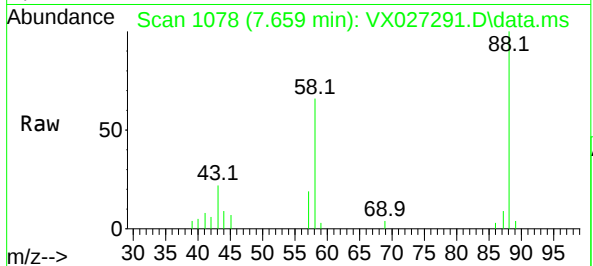
Tgt Ion: 43 Resp: 32587
Ion Ratio Lower Upper
43 100
61 20.8 17.0 25.4





#45
1,4-Dioxane
Concen: 324.736 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

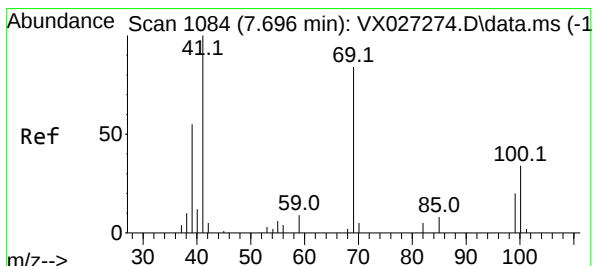
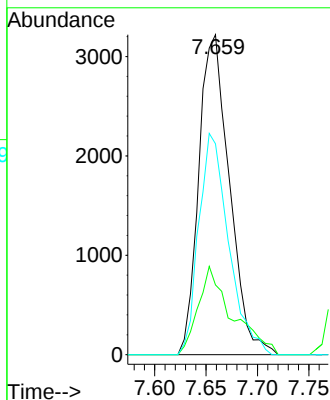
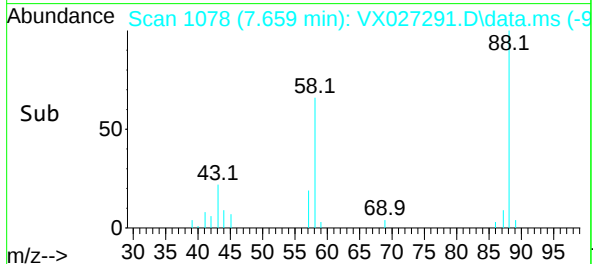
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



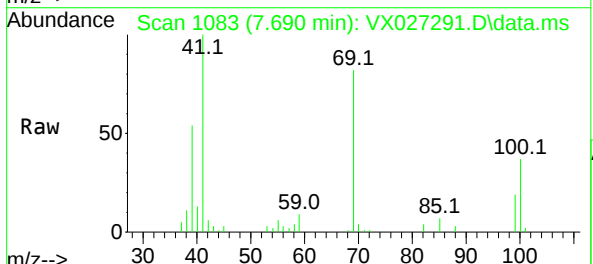
Tgt Ion: 88 Resp: 6683
Ion Ratio Lower Upper
88 100
43 23.7 25.8 38.6
58 67.6 54.8 82.2

Manual Integrations
APPROVED

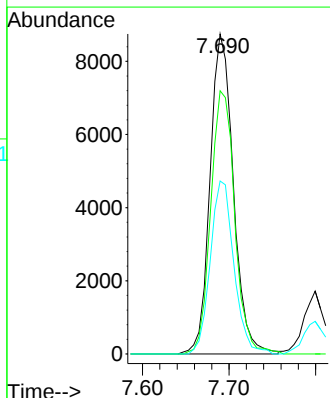
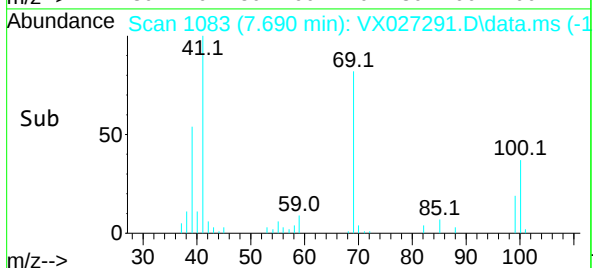
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

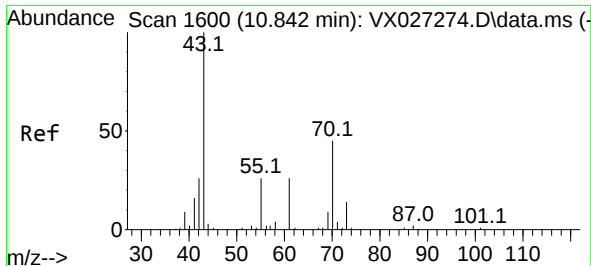


#46
Methyl methacrylate
Concen: 18.077 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47



Tgt Ion: 41 Resp: 16357
Ion Ratio Lower Upper
41 100
69 82.2 41.9 125.8
39 54.1 27.5 82.5





#47

n-amyl Acetate

Concen: 16.886 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX027291.D

Acq: 04 Mar 2022 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 2538

Ion Ratio Lower Upper

43 100

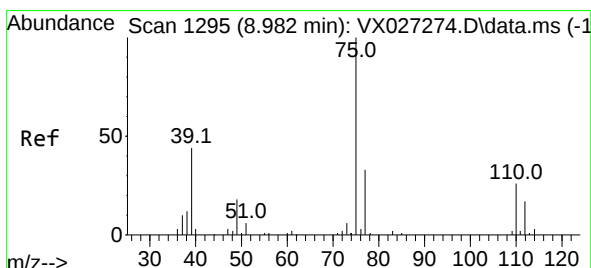
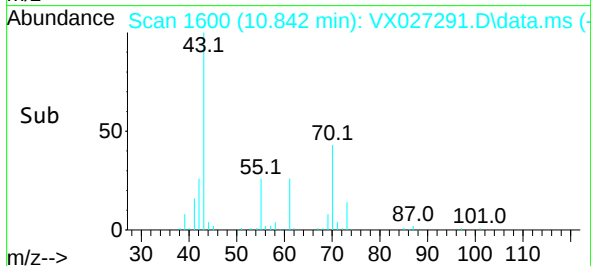
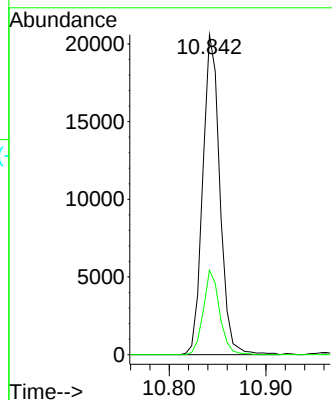
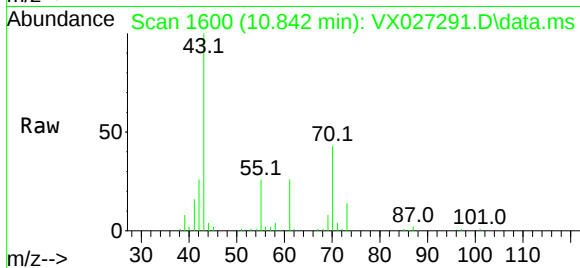
55 25.1 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#48

t-1,3-Dichloropropene

Concen: 17.227 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX027291.D

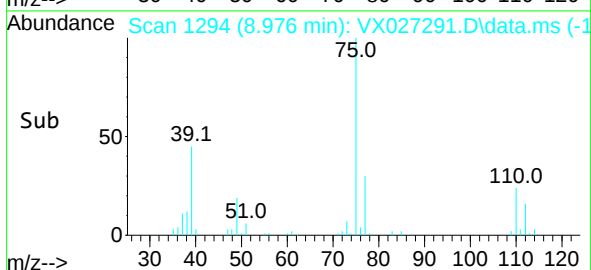
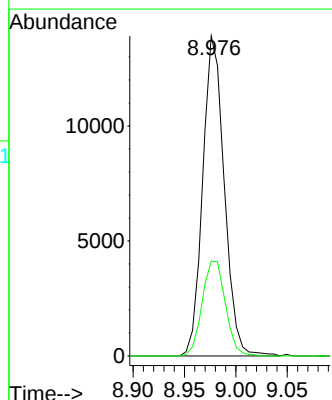
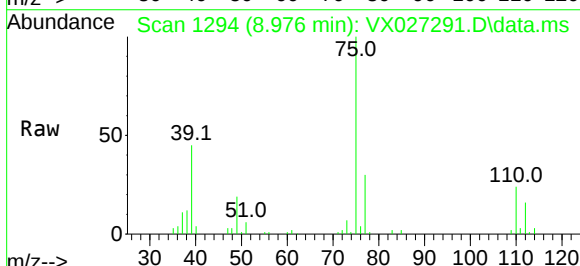
Acq: 04 Mar 2022 10:47

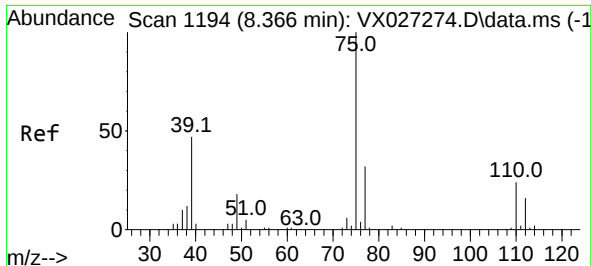
Tgt Ion: 75 Resp: 20313

Ion Ratio Lower Upper

75 100

77 29.6 26.6 40.0





#49

cis-1,3-Dichloropropene

Concen: 18.001 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX027291.D

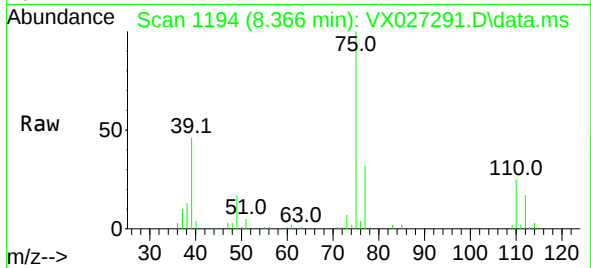
Acq: 04 Mar 2022 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



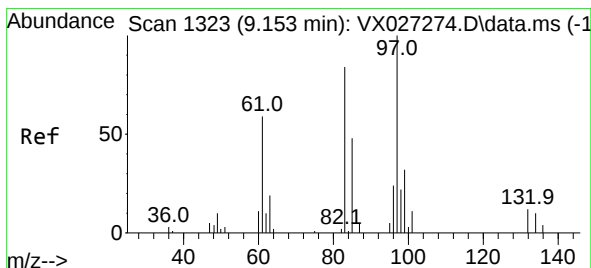
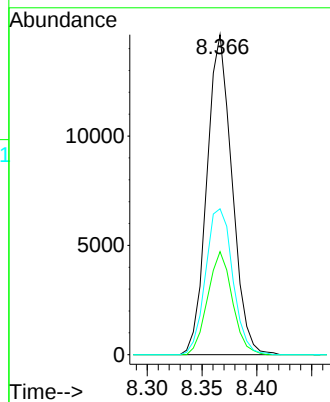
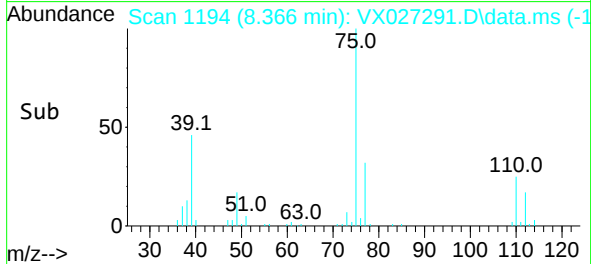
Tgt Ion:	75	Resp:	23320
Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.2	37.8
39	45.6	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#50

1,1,2-Trichloroethane

Concen: 18.263 ug/l

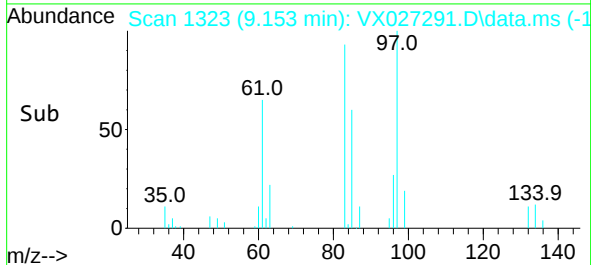
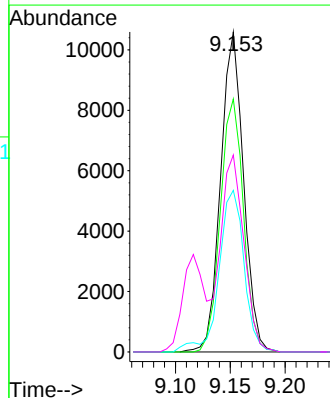
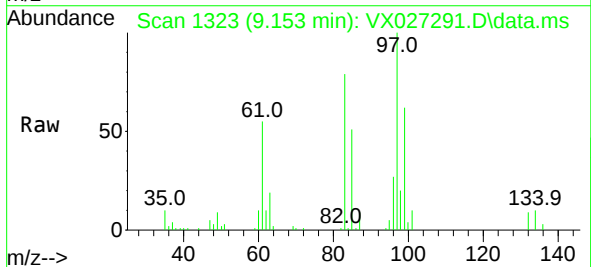
RT: 9.153 min Scan# 1323

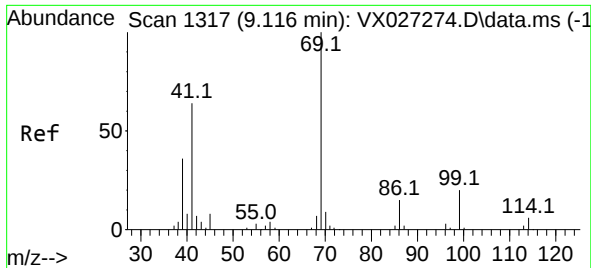
Delta R.T. -0.000 min

Lab File: VX027291.D

Acq: 04 Mar 2022 10:47

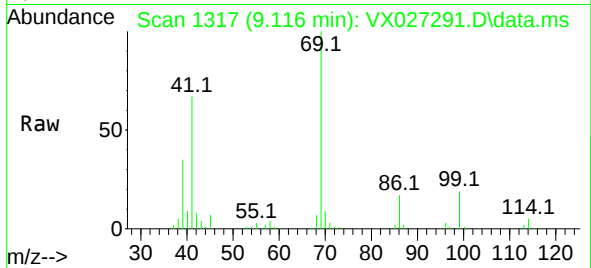
Tgt Ion:	97	Resp:	15379
Ion	Ratio	Lower	Upper
97	100		
83	79.0	66.2	99.4
85	50.5	40.4	60.6
99	61.5	51.1	76.7





#51
Ethyl methacrylate
Concen: 17.191 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

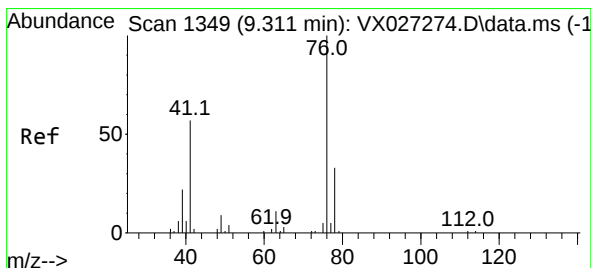
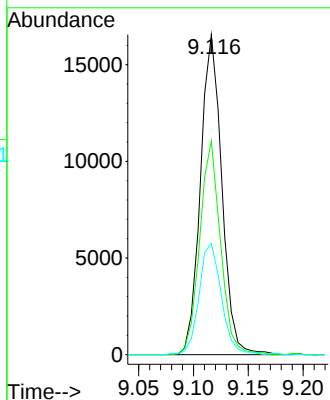
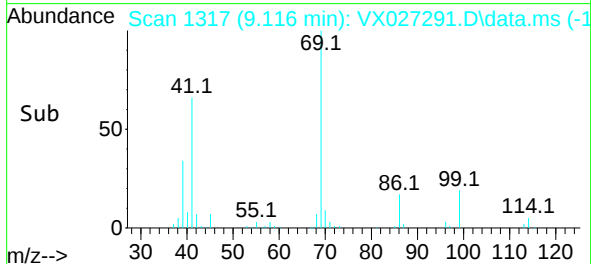
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 69 Resp: 22450
Ion Ratio Lower Upper
69 100
41 66.8 32.1 96.5
39 34.4 18.3 54.9

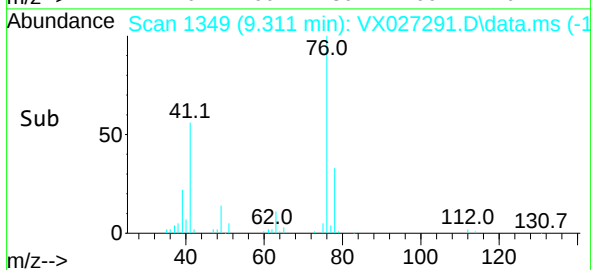
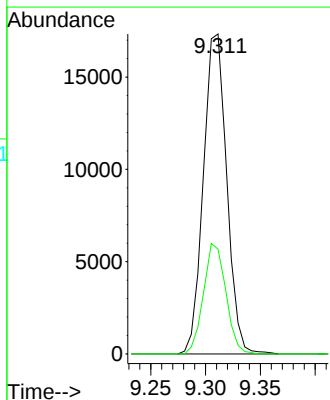
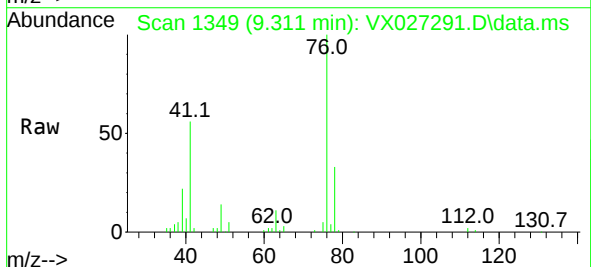
Manual Integrations
APPROVED

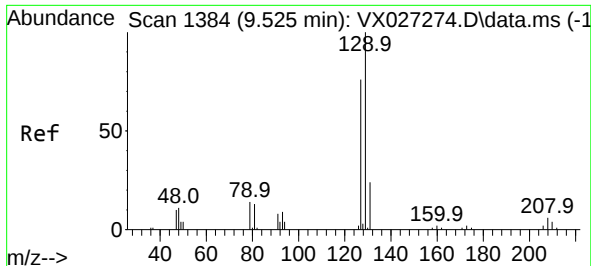
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#52
1,3-Dichloropropane
Concen: 18.260 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

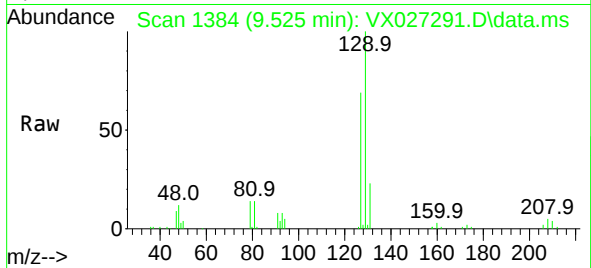
Tgt Ion: 76 Resp: 25680
Ion Ratio Lower Upper
76 100
78 33.0 0.0 64.4





#53
Dibromochloromethane
Concen: 17.921 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

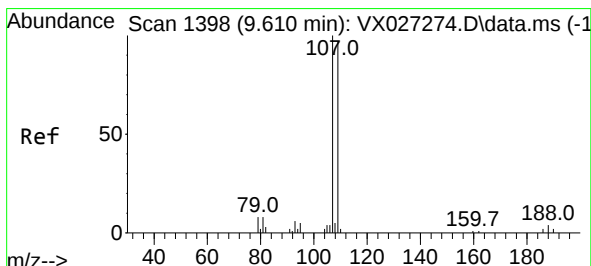
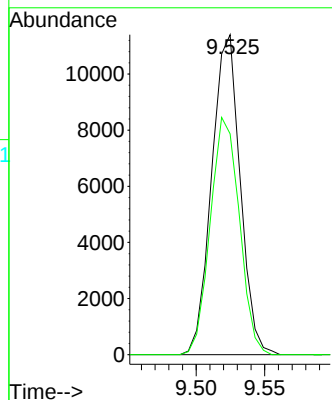
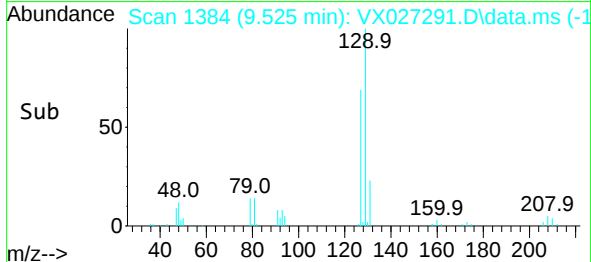
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



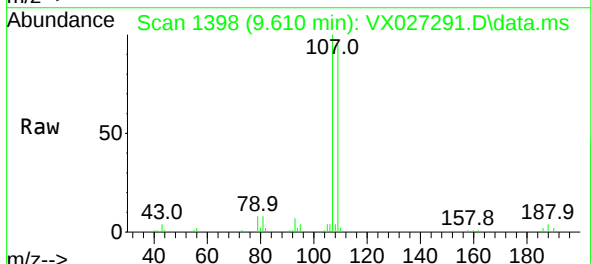
Tgt Ion:129 Resp: 16489
Ion Ratio Lower Upper
129 100
127 75.6 38.4 115.1

Manual Integrations
APPROVED

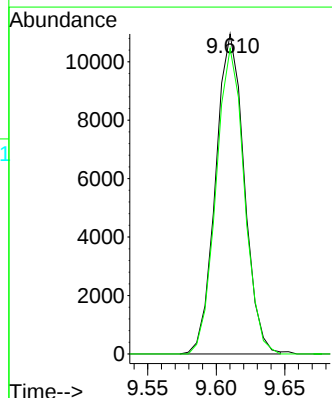
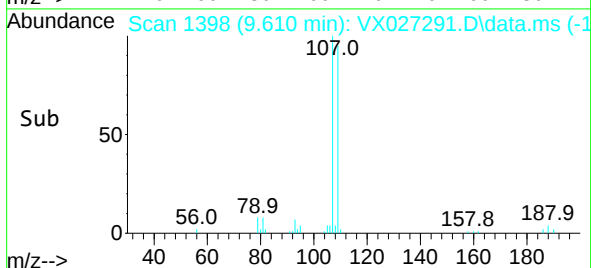
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

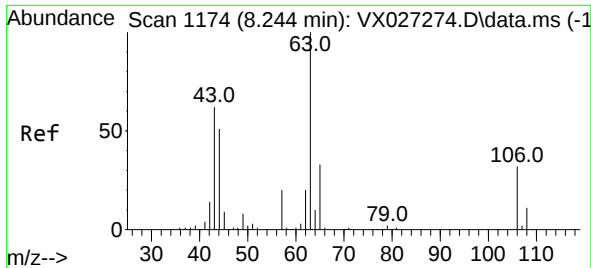


#54
1,2-Dibromoethane
Concen: 17.405 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47



Tgt Ion:107 Resp: 15893
Ion Ratio Lower Upper
107 100
109 94.2 76.2 114.4





#55

2-Chloroethyl vinyl ether

Concen: 95.594 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX027291.D

Acq: 04 Mar 2022 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

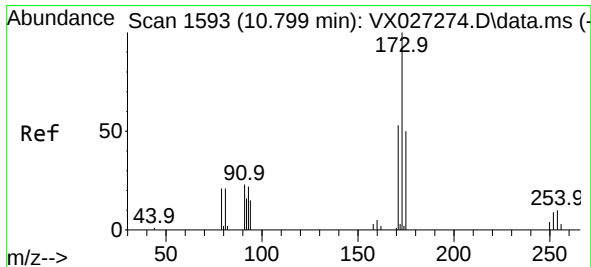
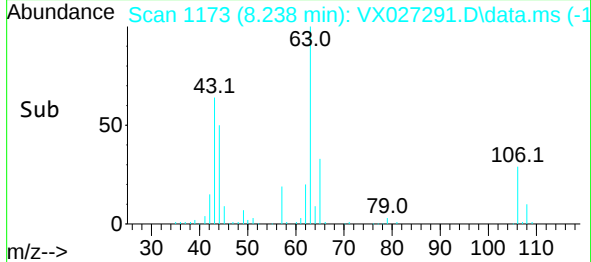
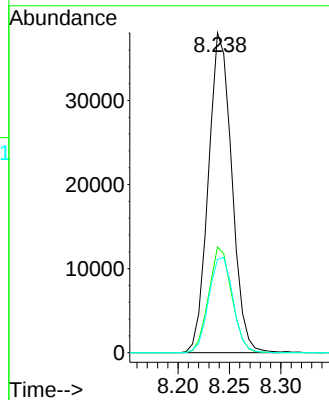
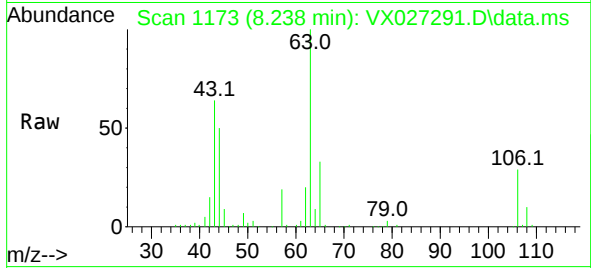
Tgt Ion:	63	Resp:	60490
Ion Ratio	Lower	Upper	
63	100		
65	32.4	25.9	38.9
106	30.8	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#56

Bromoform

Concen: 16.240 ug/l

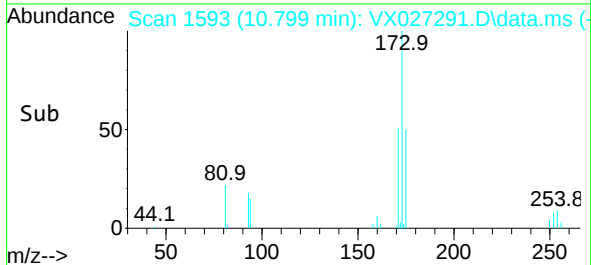
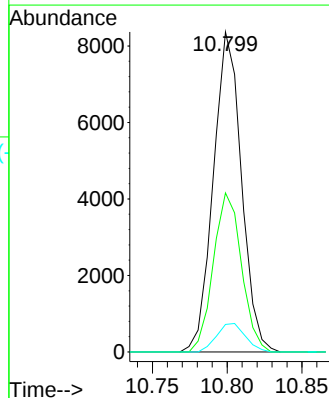
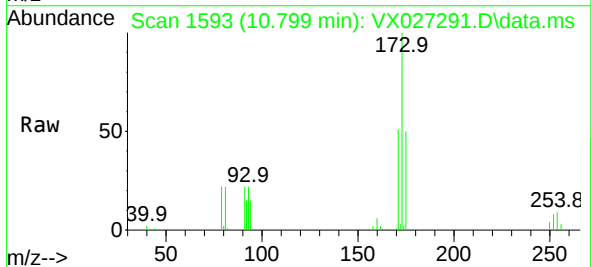
RT: 10.799 min Scan# 1593

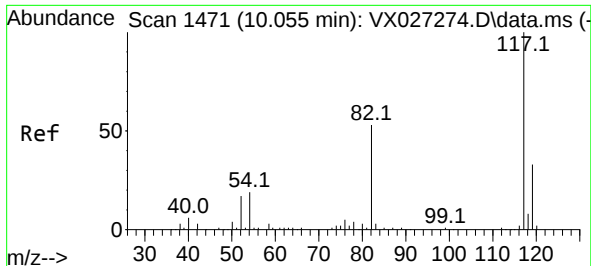
Delta R.T. 0.000 min

Lab File: VX027291.D

Acq: 04 Mar 2022 10:47

Tgt Ion:	173	Resp:	10927
Ion Ratio	Lower	Upper	
173	100		
175	49.7	40.3	60.5
254	9.1	7.4	11.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX027291.D

Acq: 04 Mar 2022 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 117 Resp: 62510

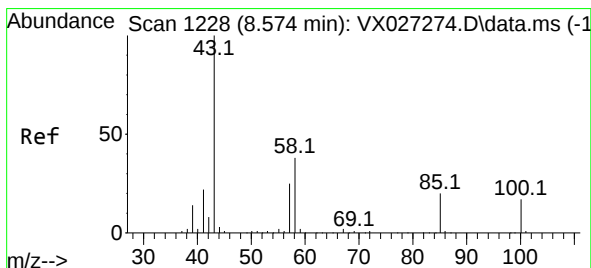
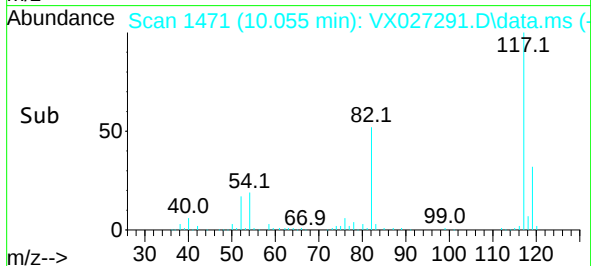
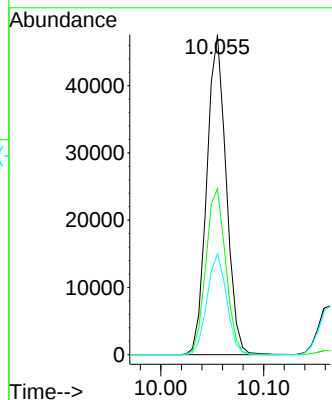
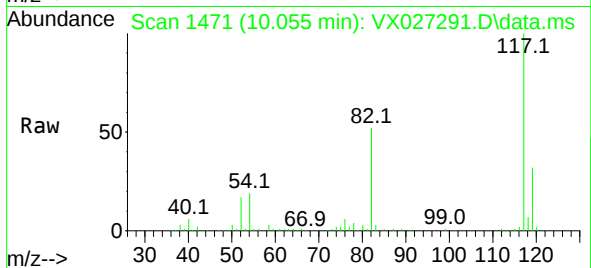
Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.3	63.5
119	31.8	26.2	39.2

Manual Integrations

APPROVED

Reviewed By : John Carlone 03/07/2022

Supervised By : Mahesh Dadoda 03/07/2022



#58

4-Methyl-2-Pentanone

Concen: 91.280 ug/l

RT: 8.574 min Scan# 1228

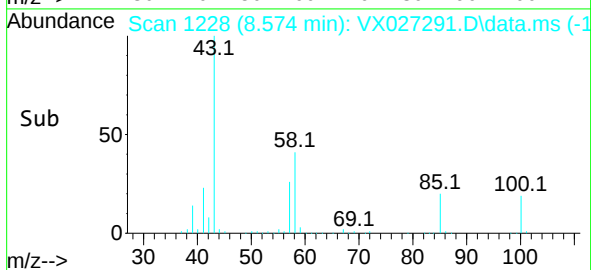
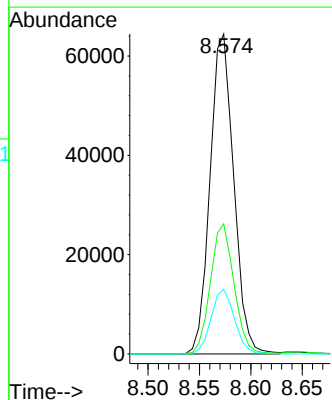
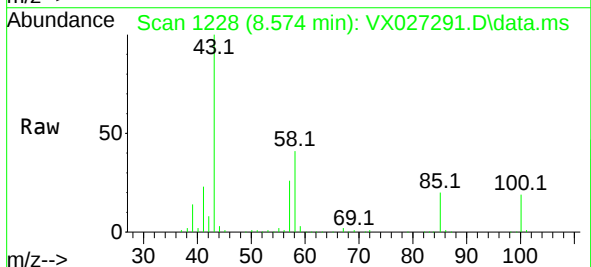
Delta R.T. -0.000 min

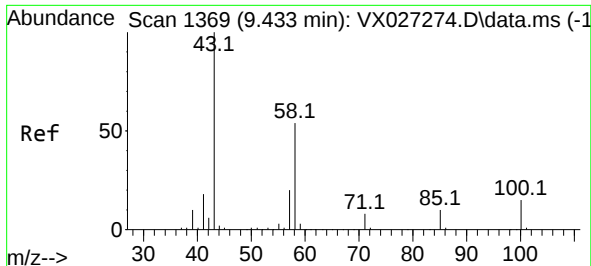
Lab File: VX027291.D

Acq: 04 Mar 2022 10:47

Tgt Ion: 43 Resp: 103227

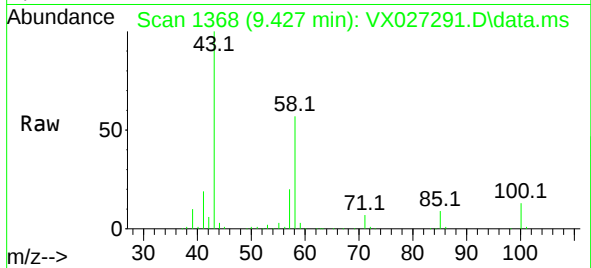
Ion	Ratio	Lower	Upper
43	100		
58	40.5	31.8	47.6
85	20.0	15.8	23.6





#59
2-Hexanone
Concen: 93.440 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

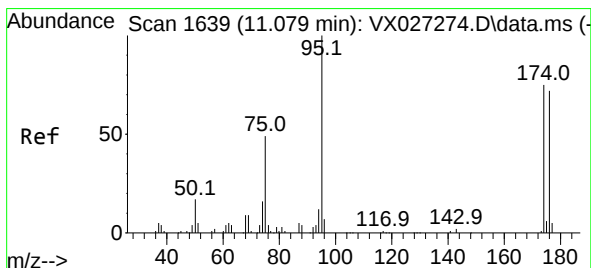
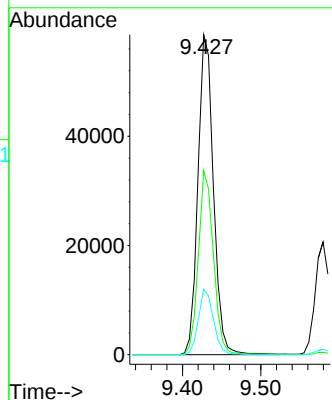
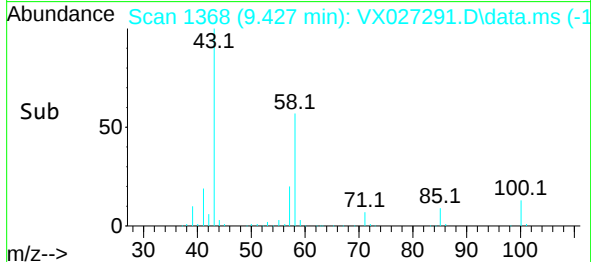
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 8086
Ion Ratio Lower Upper
43 100
58 55.7 44.1 66.1
57 19.8 16.2 24.2

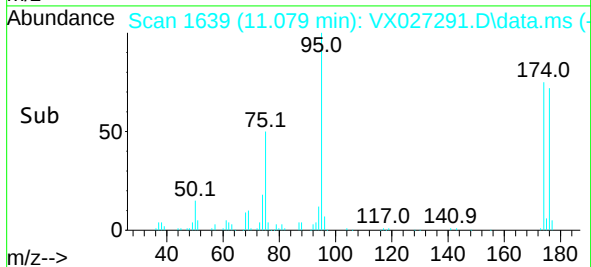
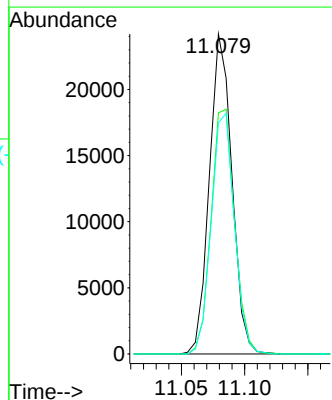
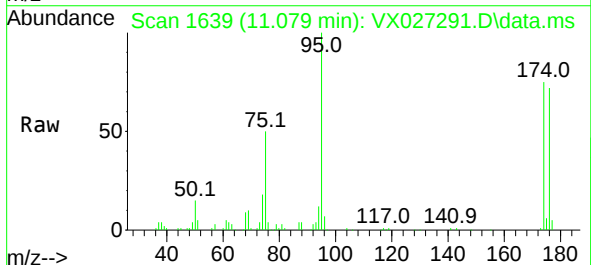
Manual Integrations
APPROVED

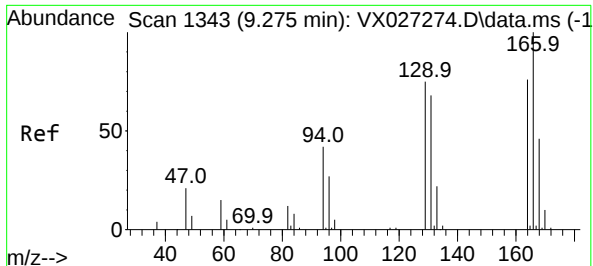
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#60
4-Bromofluorobenzene
Concen: 29.597 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

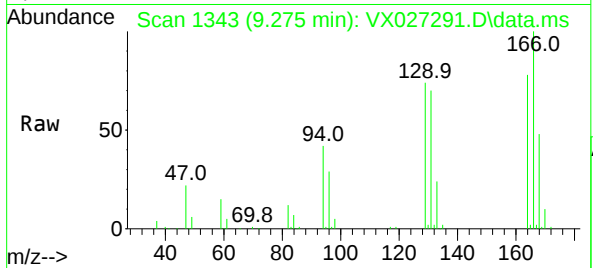
Tgt Ion: 95 Resp: 29975
Ion Ratio Lower Upper
95 100
174 79.6 65.4 98.2
176 77.3 63.4 95.0





#61
Tetrachloroethene
Concen: 20.240 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

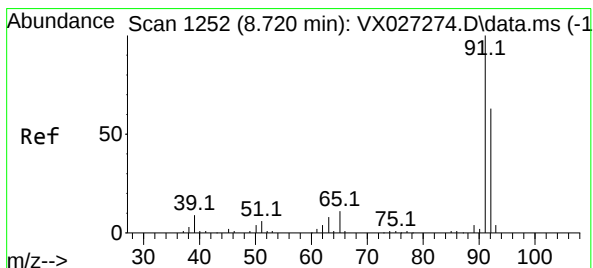
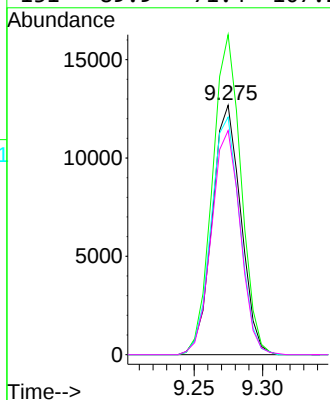
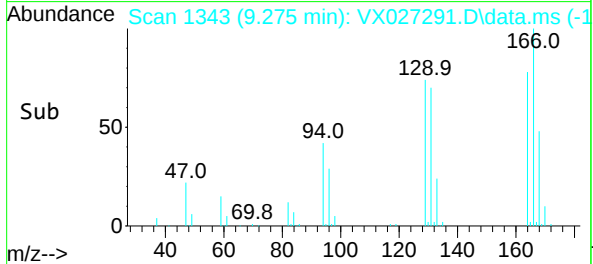
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



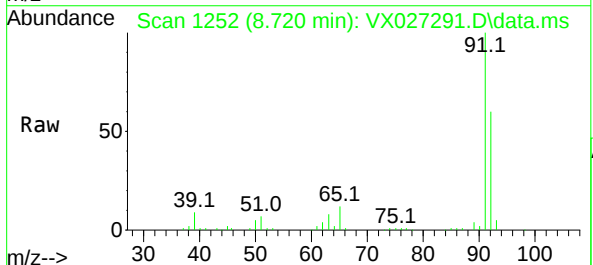
Tgt Ion:164 Resp: 18450
Ion Ratio Lower Upper
164 100
166 128.3 105.0 157.6
129 95.2 78.5 117.7
131 89.9 71.4 107.2

Manual Integrations
APPROVED

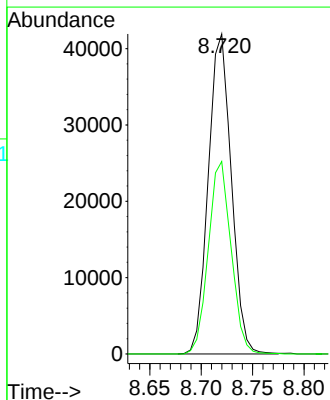
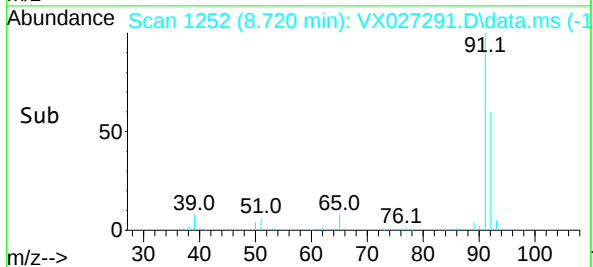
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

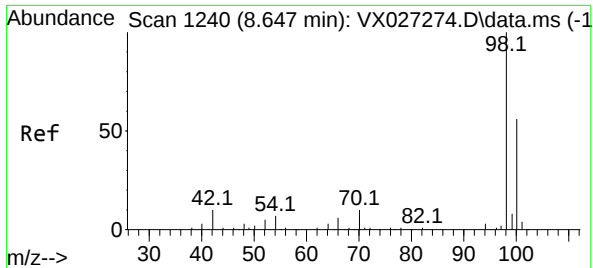


#62
Toluene
Concen: 19.173 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47



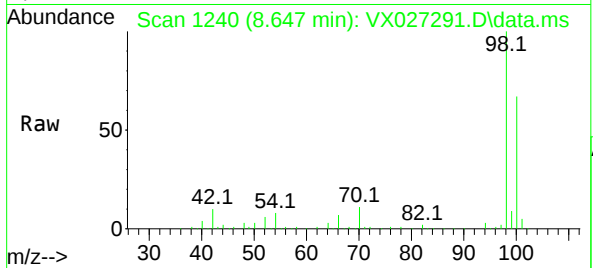
Tgt Ion: 91 Resp: 65293
Ion Ratio Lower Upper
91 100
92 59.5 48.1 72.1





#63
Toluene-d8
Concen: 30.374 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

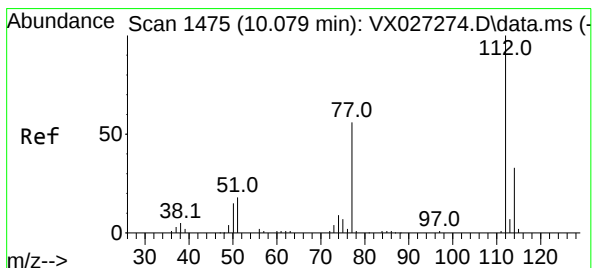
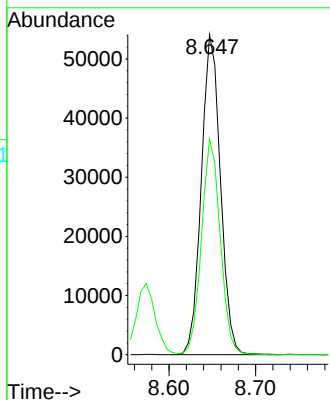
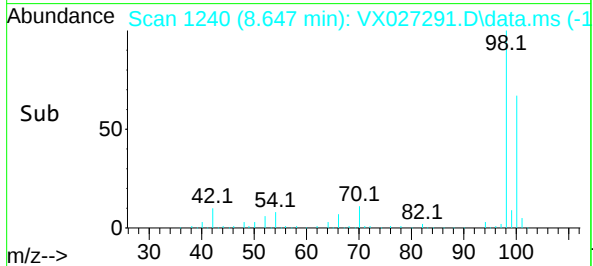
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 98 Resp: 83010
Ion Ratio Lower Upper
98 100
100 66.2 51.4 77.2

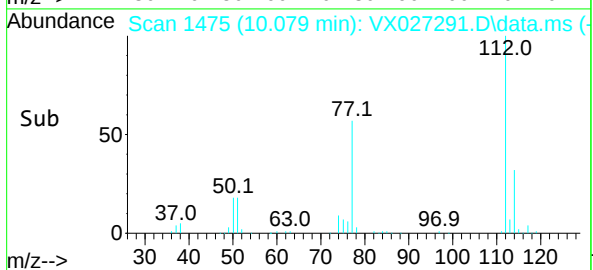
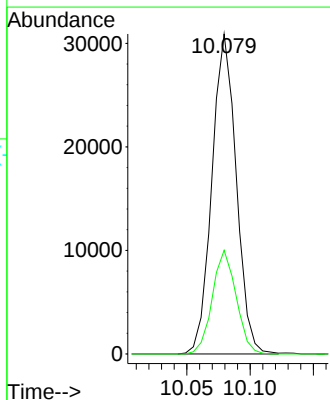
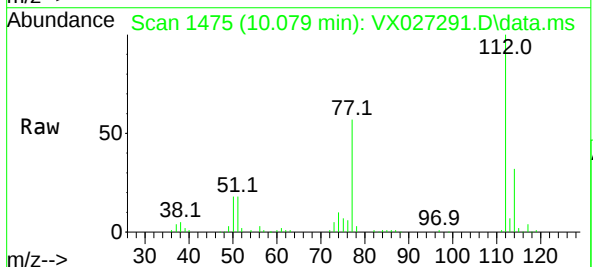
Manual Integrations
APPROVED

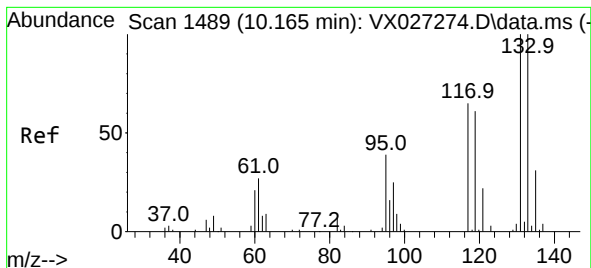
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#64
Chlorobenzene
Concen: 18.918 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

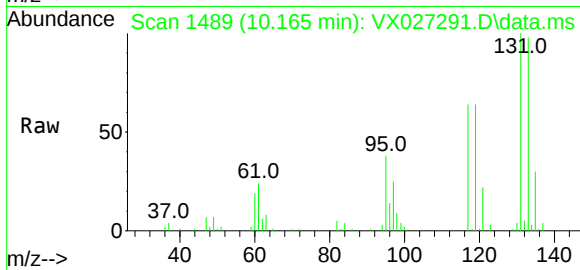
Tgt Ion:112 Resp: 41281
Ion Ratio Lower Upper
112 100
114 32.4 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 19.088 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

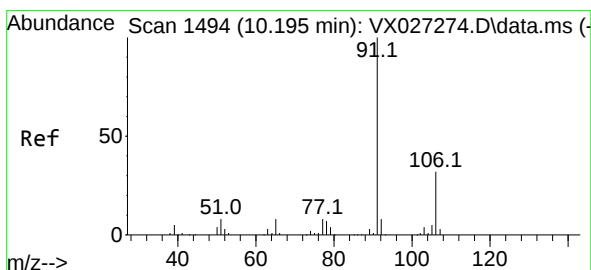
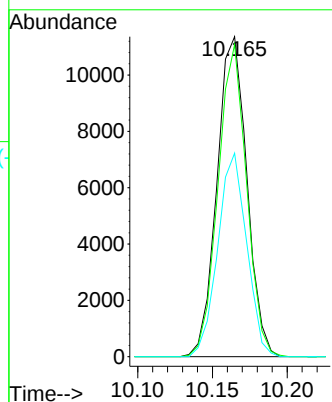
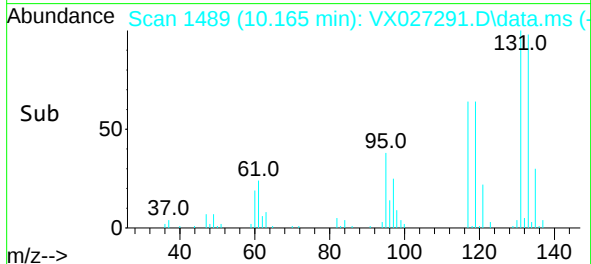
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:131 Resp: 1580
Ion Ratio Lower Upper
131 100
133 92.9 0.0 197.2
119 61.3 0.0 127.4

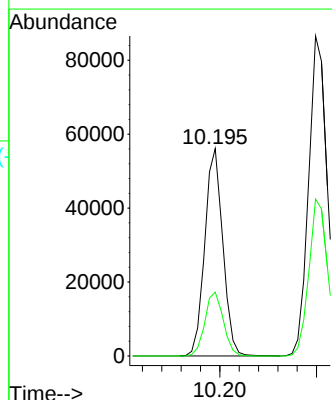
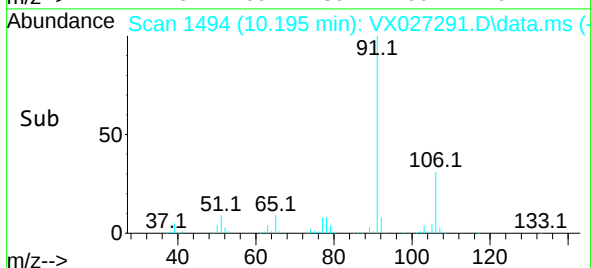
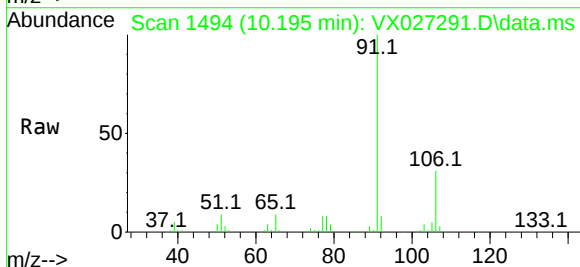
Manual Integrations
APPROVED

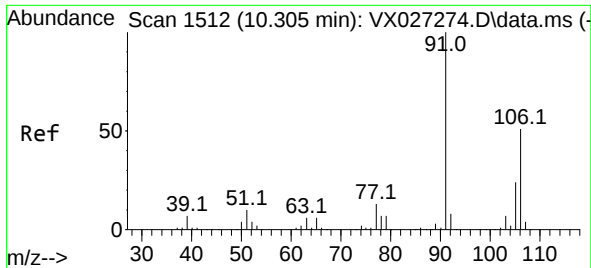
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#66
Ethyl Benzene
Concen: 18.964 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

Tgt Ion: 91 Resp: 72797
Ion Ratio Lower Upper
91 100
106 30.8 25.8 38.8





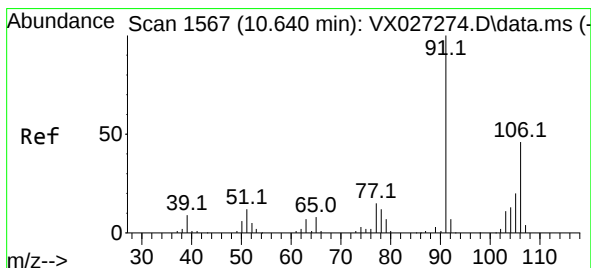
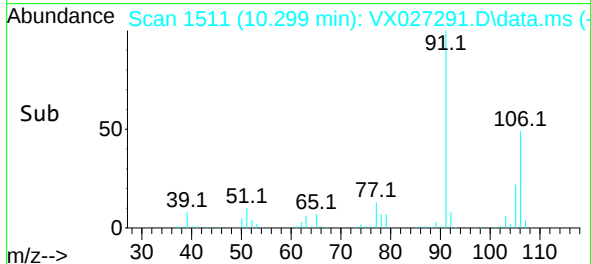
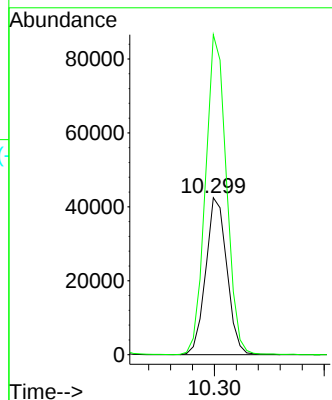
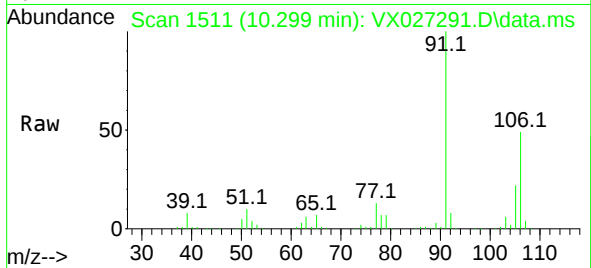
#67
m/p-Xylenes
Concen: 37.789 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 5680
Ion Ratio Lower Upper
106 100
91 202.1 159.5 239.3

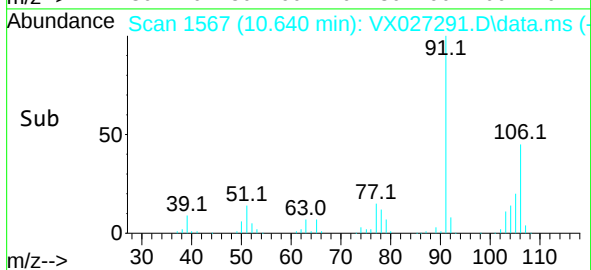
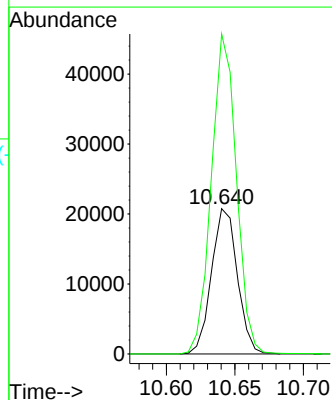
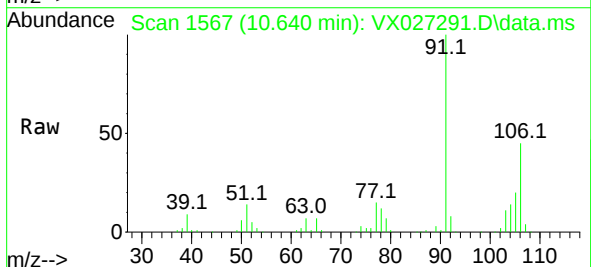
Manual Integrations
APPROVED

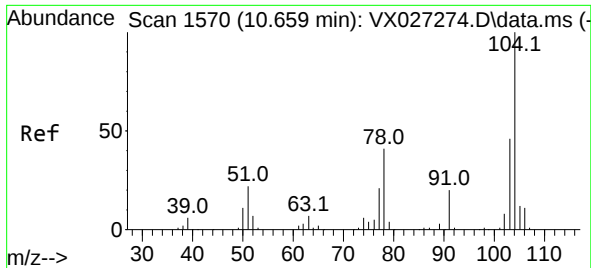
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#68
o-Xylene
Concen: 18.548 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

Tgt Ion:106 Resp: 27251
Ion Ratio Lower Upper
106 100
91 213.4 105.4 316.2





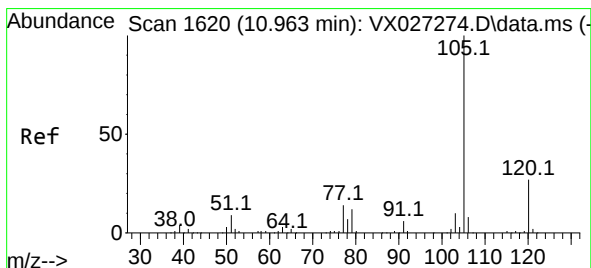
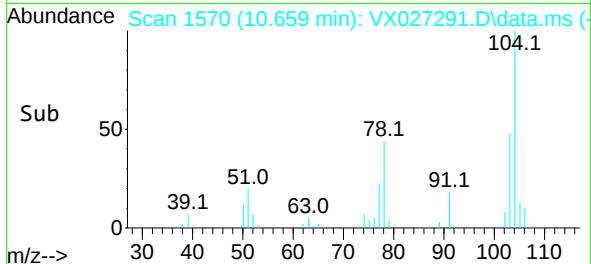
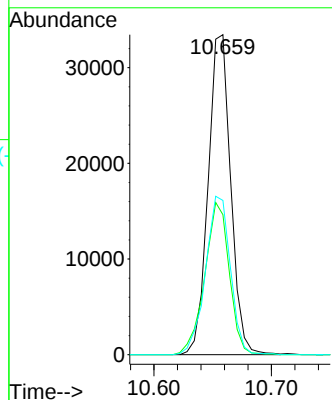
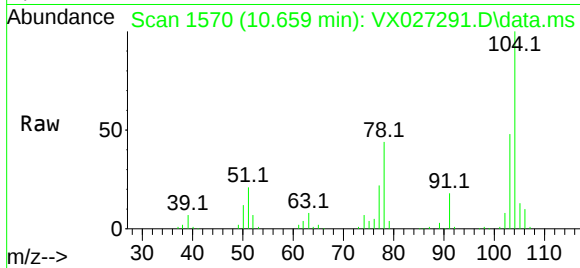
#69
Styrene
Concen: 18.322 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 44752
Ion Ratio Lower Upper
104 100
78 51.7 39.7 59.5
103 54.5 42.7 64.1

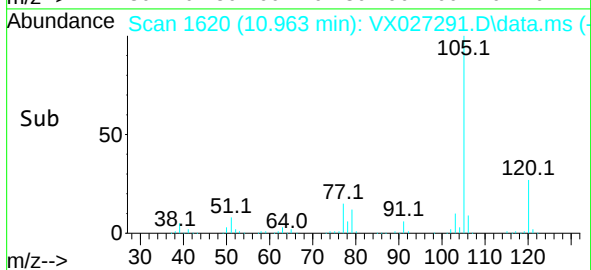
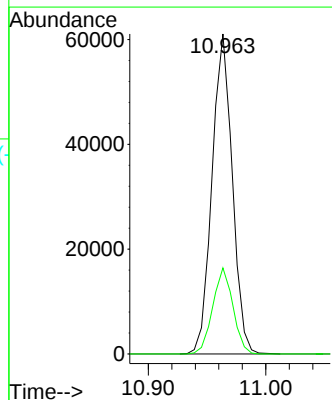
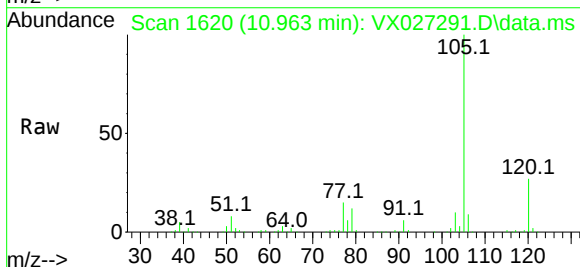
Manual Integrations
APPROVED

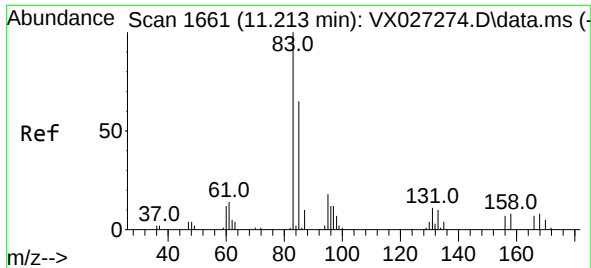
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#70
Isopropylbenzene
Concen: 18.927 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

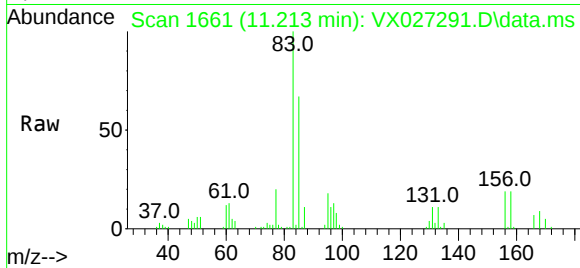
Tgt Ion:105 Resp: 73145
Ion Ratio Lower Upper
105 100
120 26.8 18.8 34.8





#71
1,1,2,2-Tetrachloroethane
Concen: 17.903 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

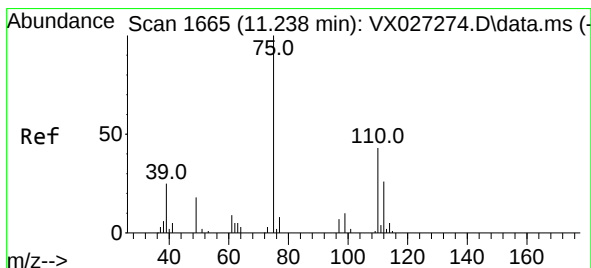
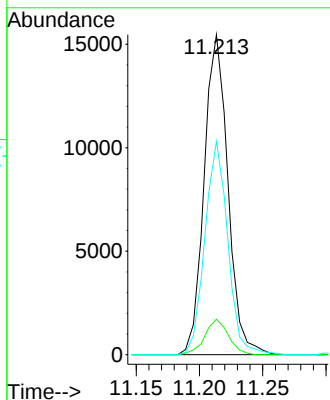
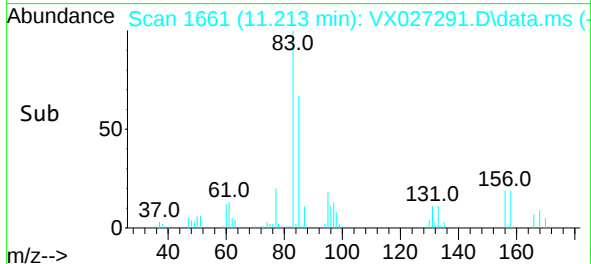
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



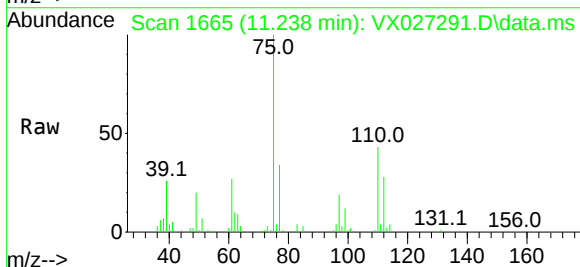
Tgt Ion: 83 Resp: 2022
Ion Ratio Lower Upper
83 100
131 11.0 5.8 17.3
85 64.4 32.0 96.2

Manual Integrations
APPROVED

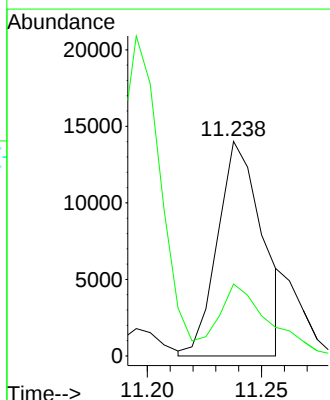
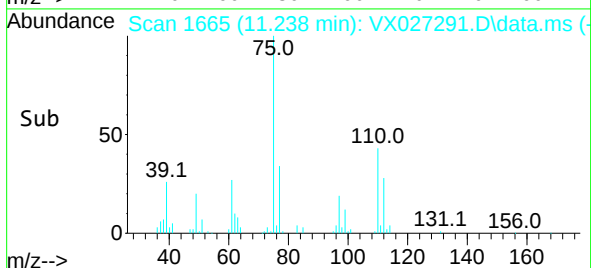
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

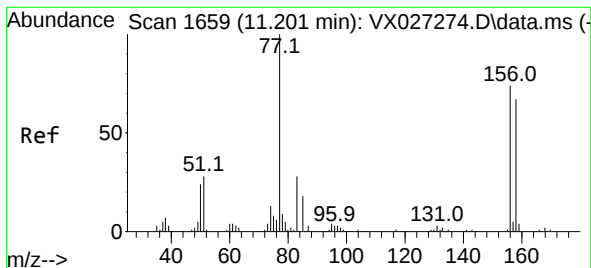


#72
1,2,3-Trichloropropane
Concen: 17.437 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47



Tgt Ion: 75 Resp: 19131
Ion Ratio Lower Upper
75 100
77 38.5 0.0 78.6





#73

Bromobenzene

Concen: 18.457 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX027291.D

Acq: 04 Mar 2022 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

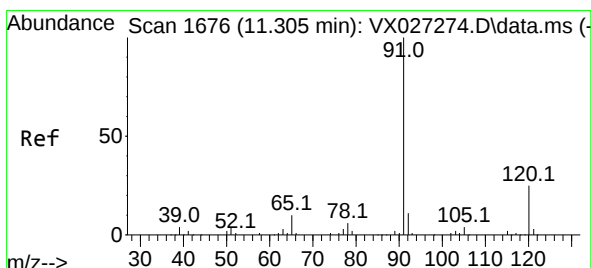
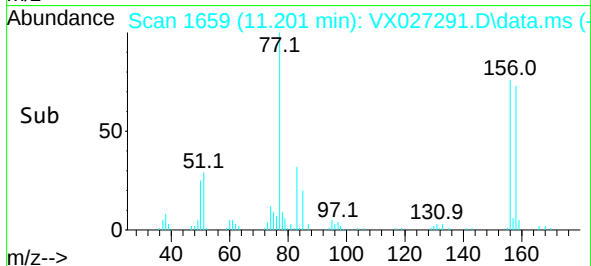
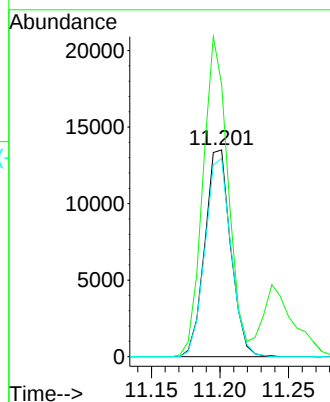
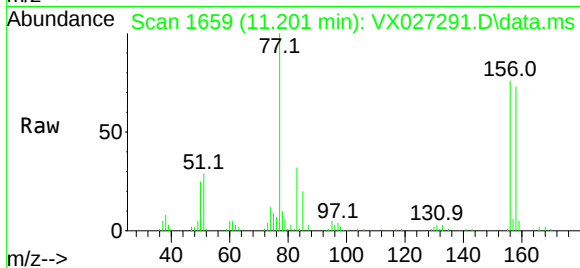
Tgt Ion:	156	Resp:	1774
Ion Ratio	Lower	Upper	
156	100		
77	149.5	0.0	297.6
158	96.7	0.0	188.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#74

n-propylbenzene

Concen: 18.875 ug/l

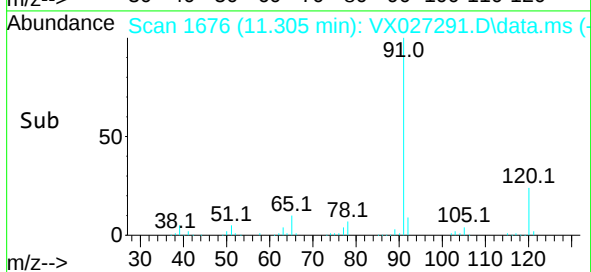
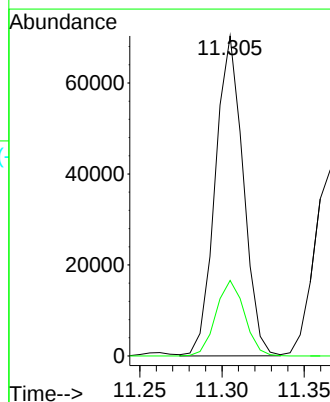
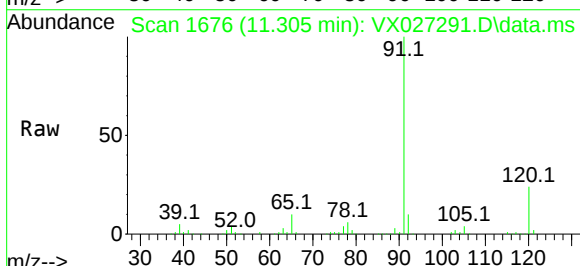
RT: 11.305 min Scan# 1676

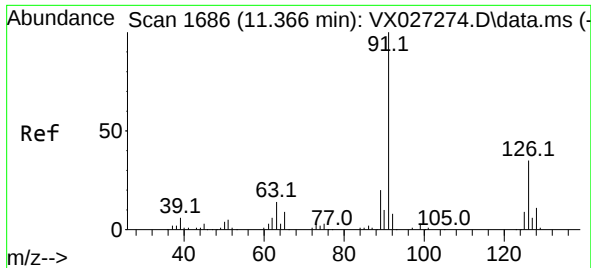
Delta R.T. -0.000 min

Lab File: VX027291.D

Acq: 04 Mar 2022 10:47

Tgt Ion:	91	Resp:	83141
Ion Ratio	Lower	Upper	
91	100		
120	24.0	0.0	48.0





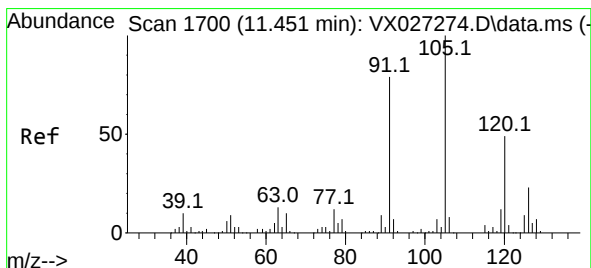
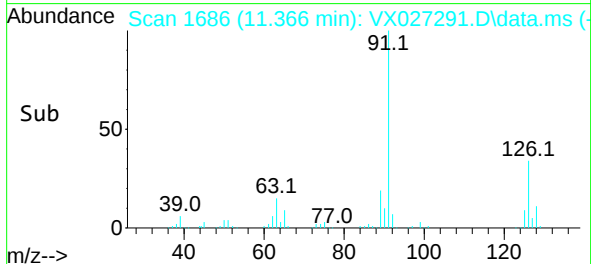
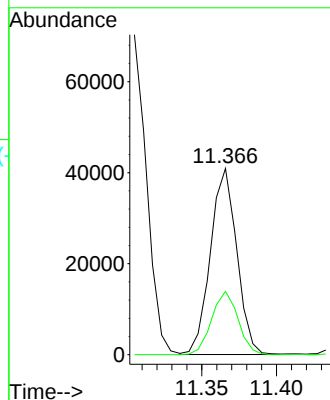
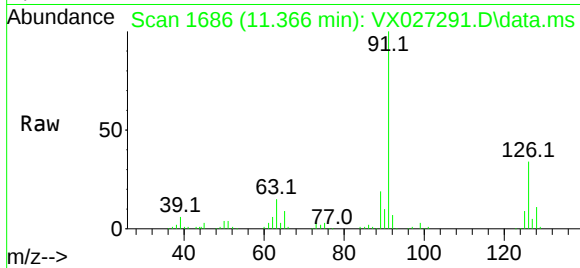
#75
2-Chlorotoluene
Concen: 18.848 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 5025
Ion Ratio Lower Upper
91 100
126 34.0 0.0 68.6

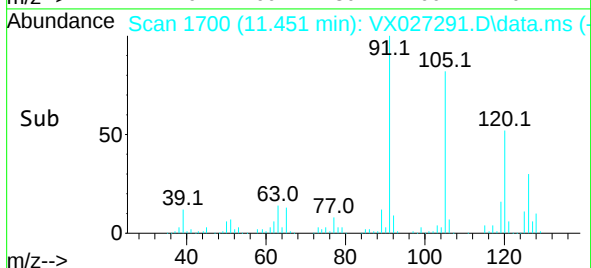
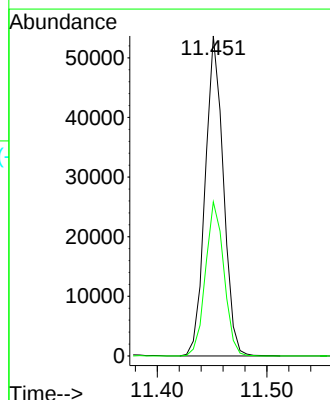
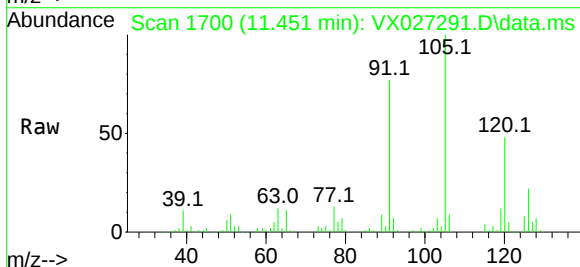
Manual Integrations
APPROVED

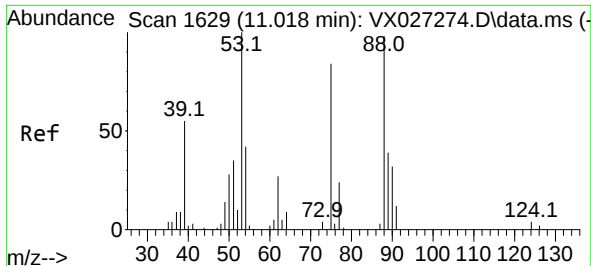
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#76
1,3,5-Trimethylbenzene
Concen: 19.023 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

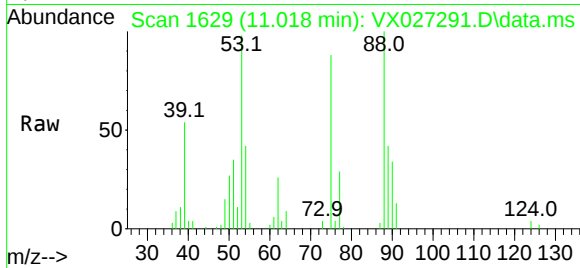
Tgt Ion:105 Resp: 61753
Ion Ratio Lower Upper
105 100
120 48.8 0.0 98.0





#77
t-1,4-Dichloro-2-butene
Concen: 17.113 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

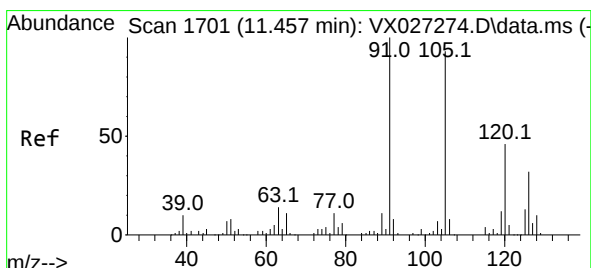
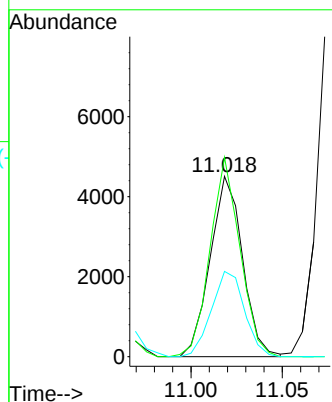
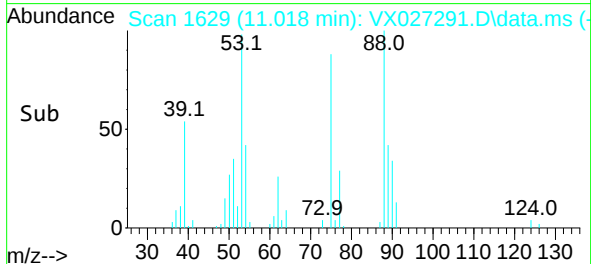
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



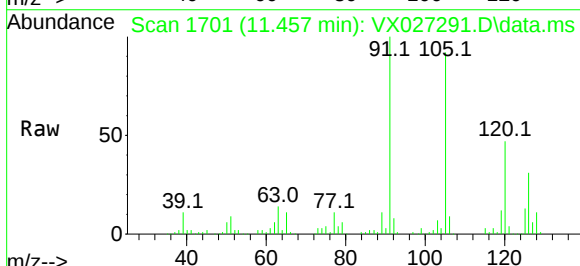
Tgt Ion: 75 Resp: 5562
Ion Ratio Lower Upper
75 100
53 110.6 59.7 179.1
89 47.3 23.1 69.2

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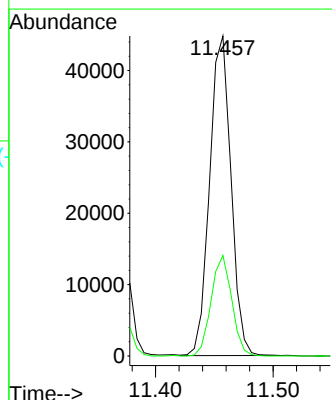
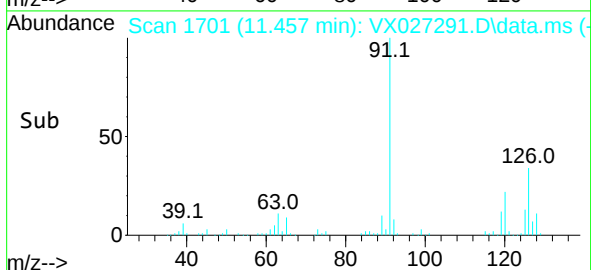
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

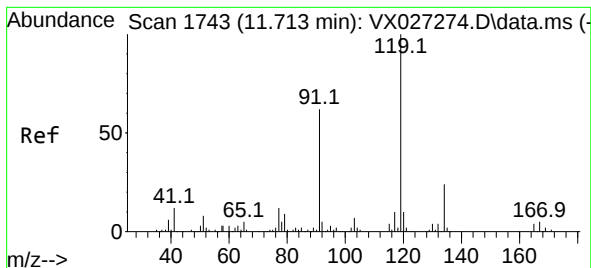


#78
4-Chlorotoluene
Concen: 18.600 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47



Tgt Ion: 91 Resp: 56462
Ion Ratio Lower Upper
91 100
126 30.3 0.0 59.8





#79

tert-butylbenzene

Concen: 18.762 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX027291.D

Acq: 04 Mar 2022 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:119 Resp: 59240

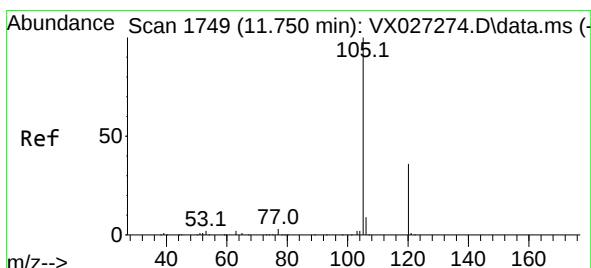
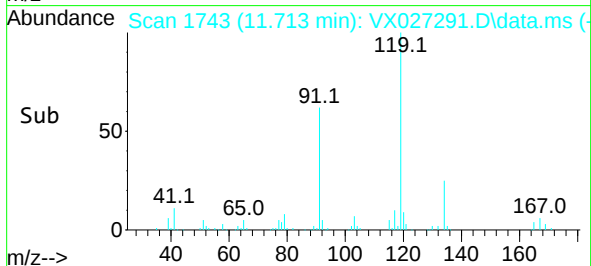
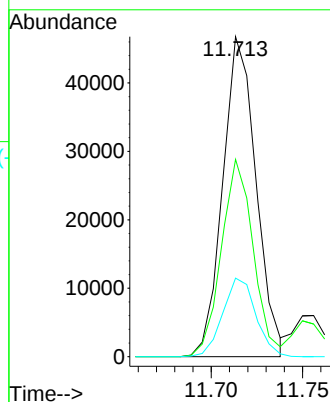
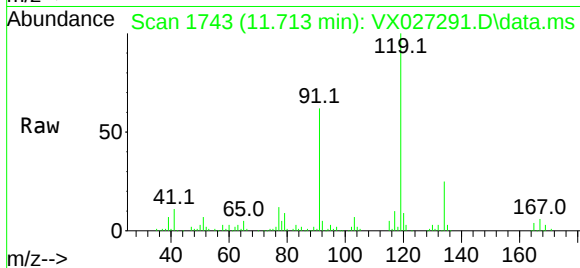
Ion	Ratio	Lower	Upper
119	100		
91	59.0	0.0	119.4
134	24.4	0.0	48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#80

1,2,4-Trimethylbenzene

Concen: 18.739 ug/l

RT: 11.750 min Scan# 1749

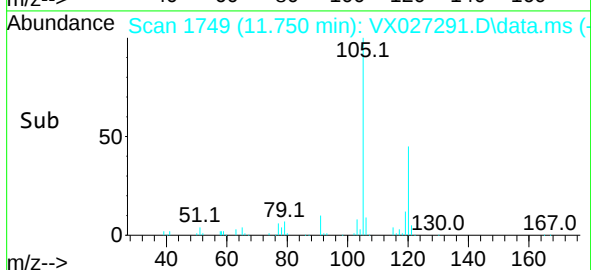
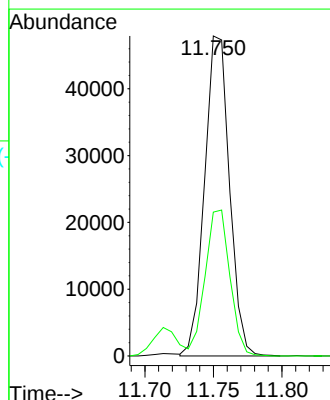
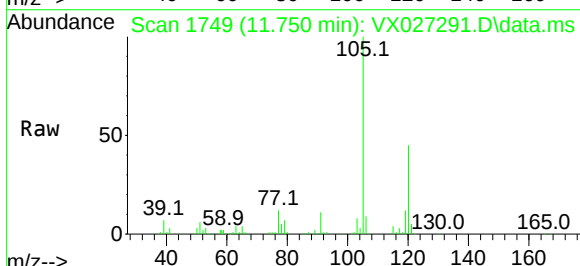
Delta R.T. 0.000 min

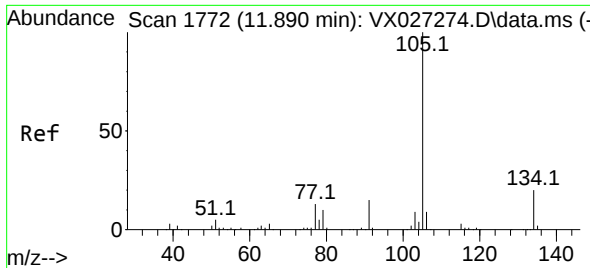
Lab File: VX027291.D

Acq: 04 Mar 2022 10:47

Tgt Ion:105 Resp: 60606

Ion	Ratio	Lower	Upper
105	100		
120	45.4	0.0	89.6





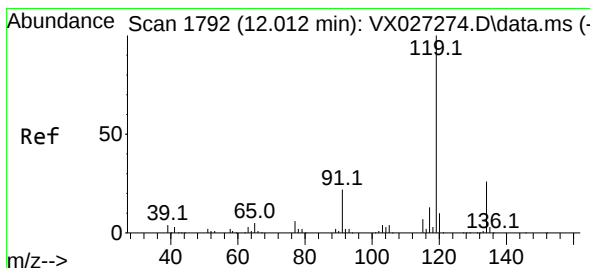
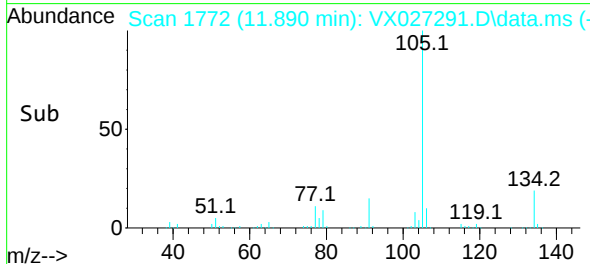
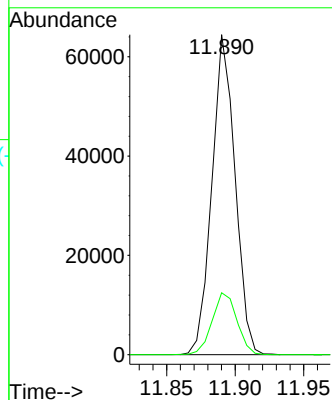
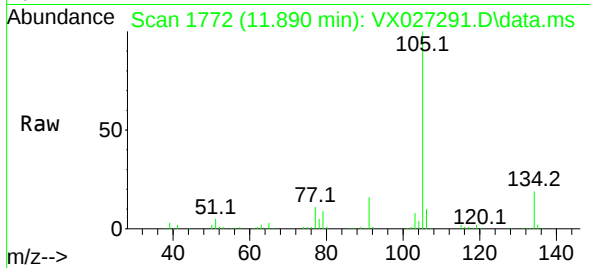
#81
 sec-Butylbenzene
 Concen: 18.836 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX027291.D
 Acq: 04 Mar 2022 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion:105 Resp: 75649
 Ion Ratio Lower Upper
 105 100
 134 20.7 0.0 41.2

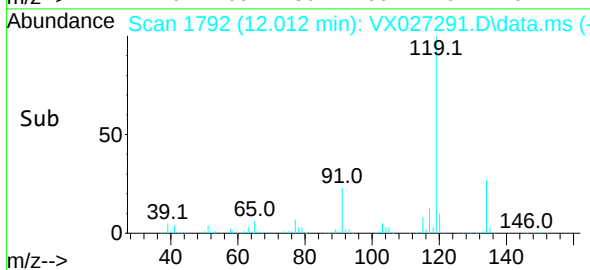
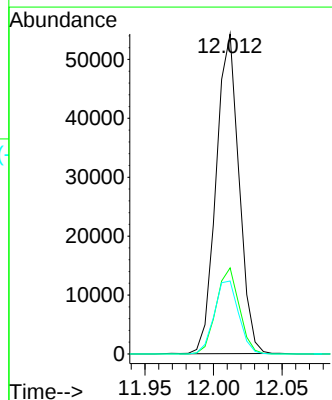
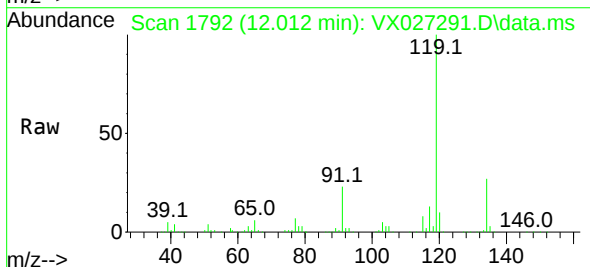
Manual Integrations
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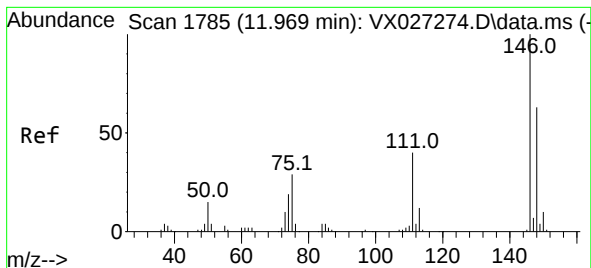
Reviewed By :John Carlone 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#82
 p-Isopropyltoluene
 Concen: 18.348 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027291.D
 Acq: 04 Mar 2022 10:47

Tgt Ion:119 Resp: 63032
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 52.4
 91 24.4 0.0 47.2





#83

1,3-Dichlorobenzene

Concen: 18.849 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX027291.D

Acq: 04 Mar 2022 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:146 Resp: 3392

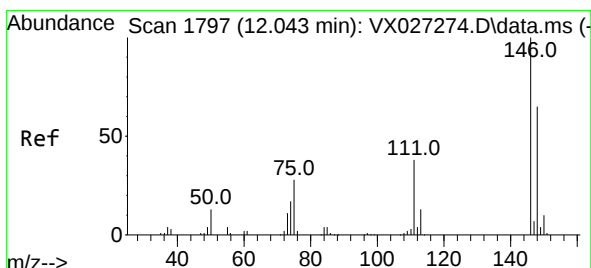
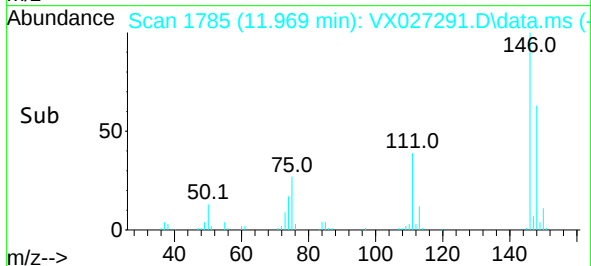
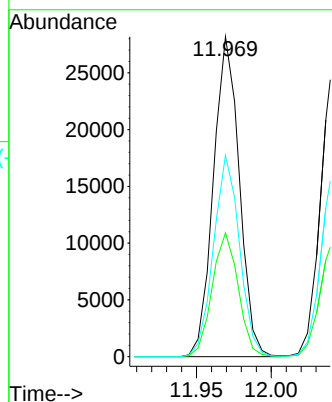
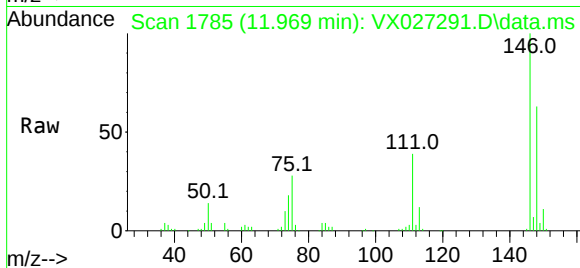
Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.8	59.4
148	63.3	31.6	94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#84

1,4-Dichlorobenzene

Concen: 18.585 ug/l

RT: 12.043 min Scan# 1797

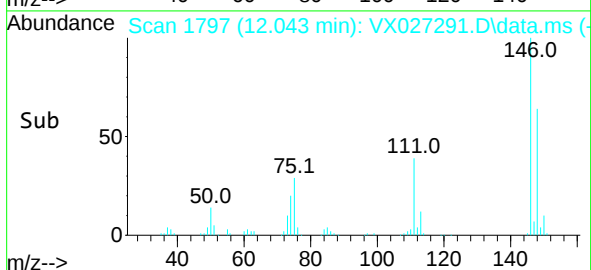
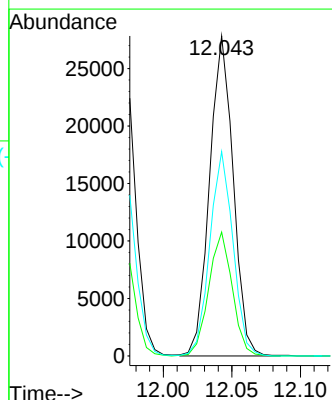
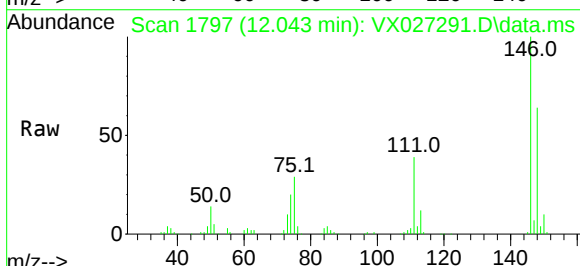
Delta R.T. -0.000 min

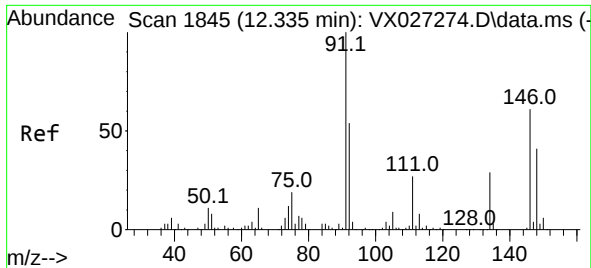
Lab File: VX027291.D

Acq: 04 Mar 2022 10:47

Tgt Ion:146 Resp: 33396

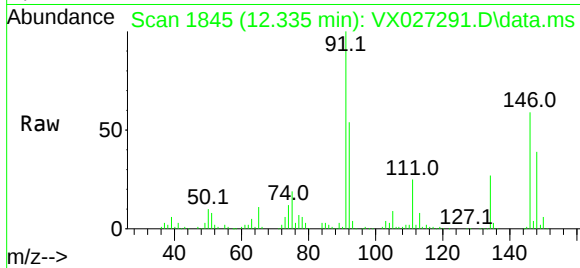
Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.2	57.6
148	62.8	32.3	96.8





#85
n-Butylbenzene
Concen: 18.979 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

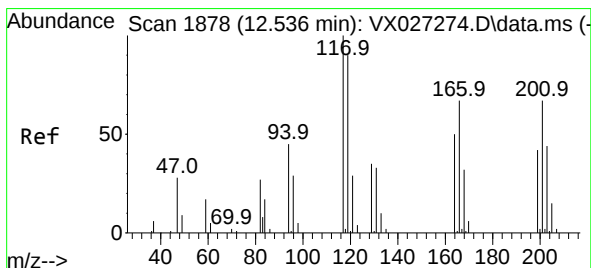
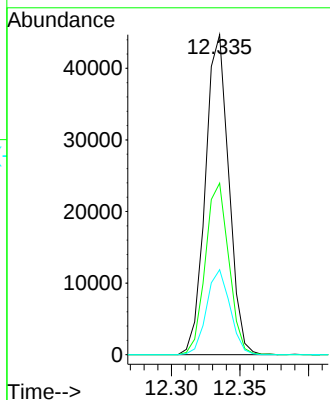
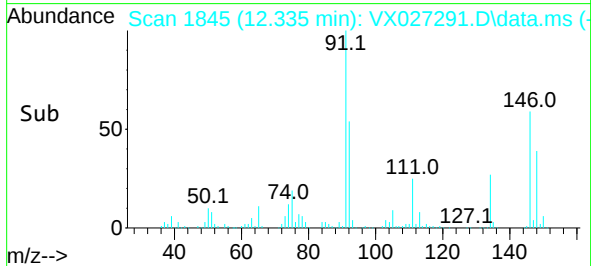
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 53180
Ion Ratio Lower Upper
91 100
92 53.7 0.0 109.4
134 26.5 0.0 56.4

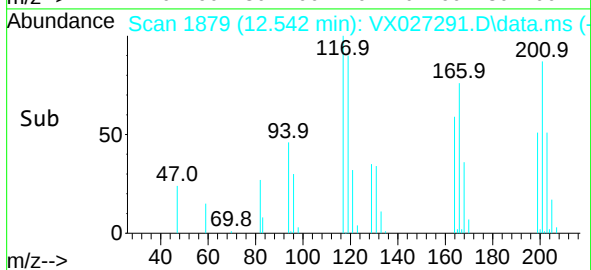
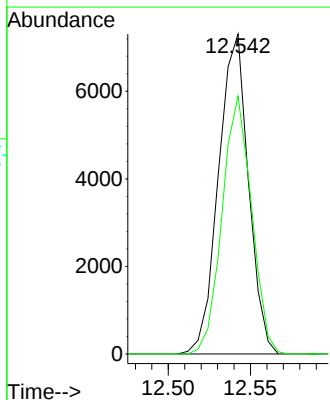
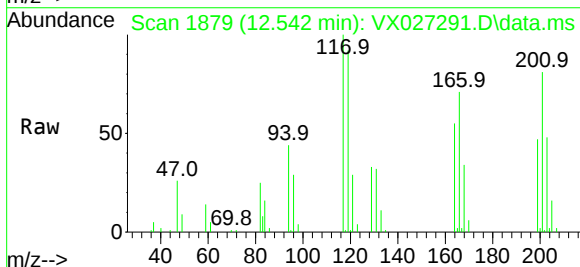
Manual Integrations
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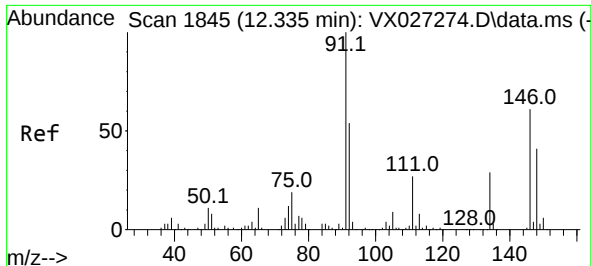
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#86
Hexachloroethane
Concen: 17.331 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

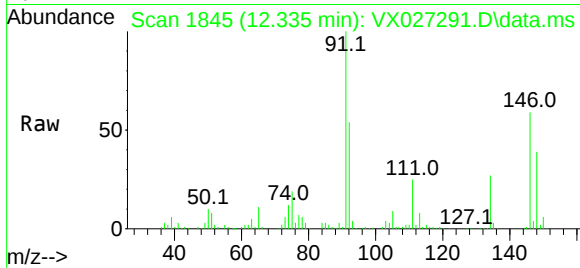
Tgt Ion:117 Resp: 9253
Ion Ratio Lower Upper
117 100
201 79.0 39.5 118.5





#87
1,2-Dichlorobenzene
Concen: 18.432 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

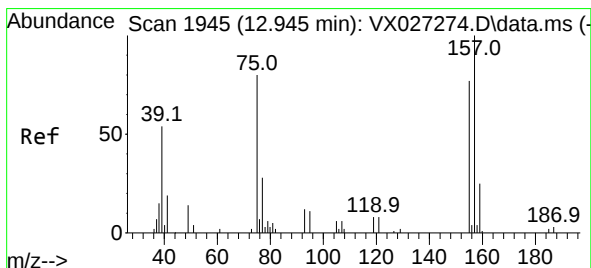
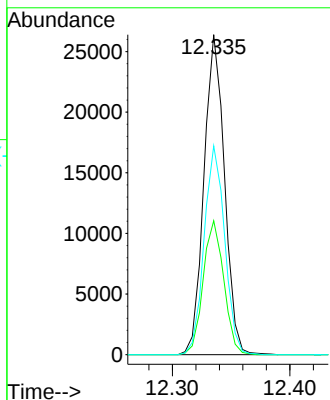
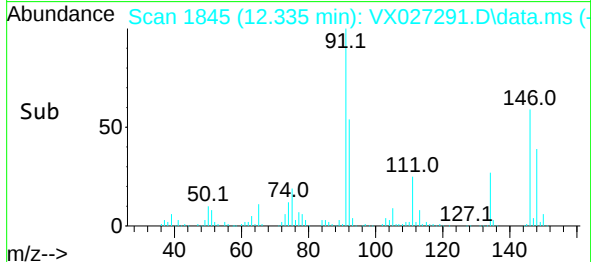
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



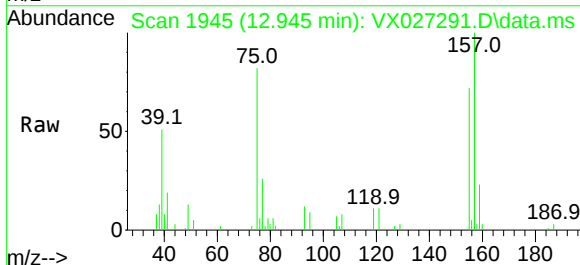
Tgt Ion:146 Resp: 32074
Ion Ratio Lower Upper
146 100
111 42.0 21.1 63.3
148 65.4 31.4 94.2

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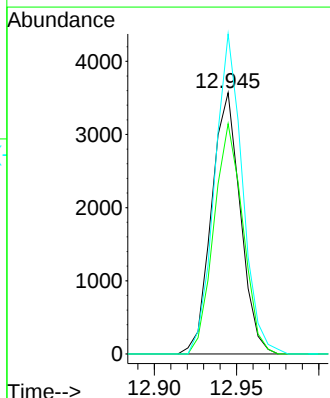
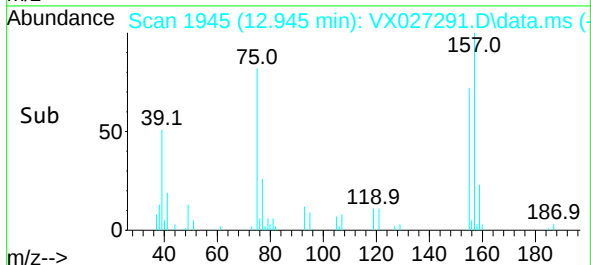
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

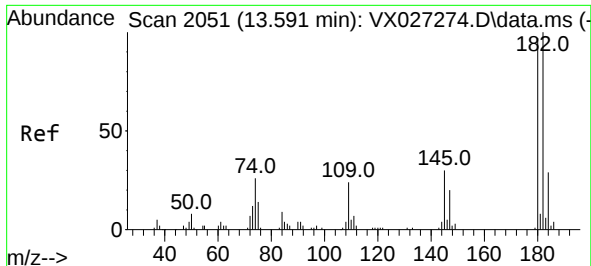


#88
1,2-Dibromo-3-Chloropropane
Concen: 16.303 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47



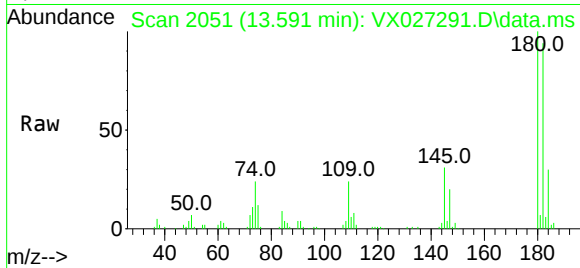
Tgt Ion: 75 Resp: 4363
Ion Ratio Lower Upper
75 100
155 88.4 74.3 111.5
157 117.9 97.3 145.9





#89
1,2,4-Trichlorobenzene
Concen: 17.906 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

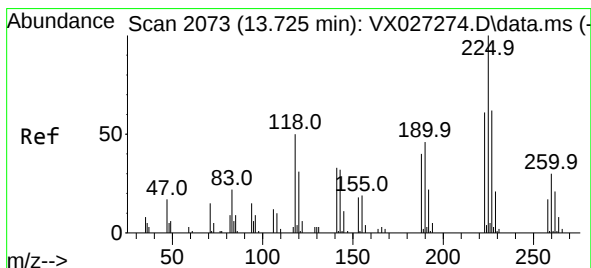
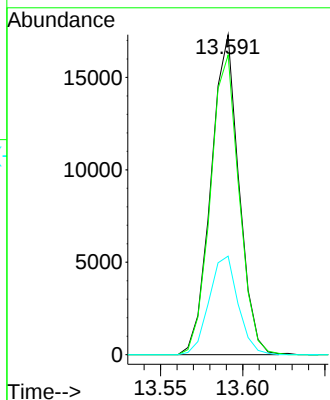
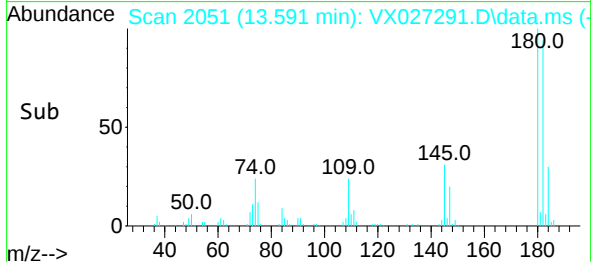
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



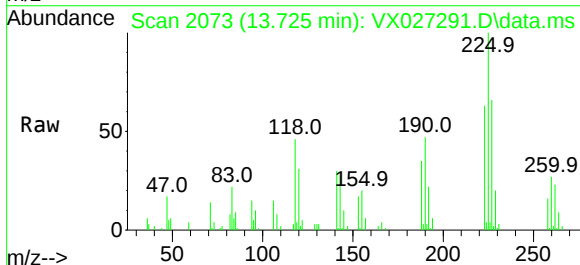
Tgt Ion:180 Resp: 2046
Ion Ratio Lower Upper
180 100
182 95.8 77.4 116.2
145 31.9 24.2 36.4

Manual Integrations
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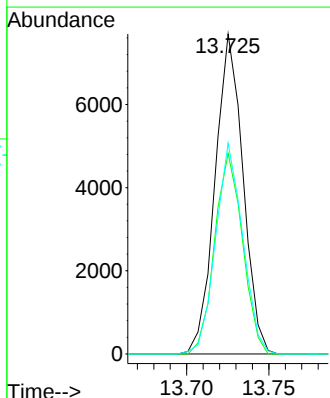
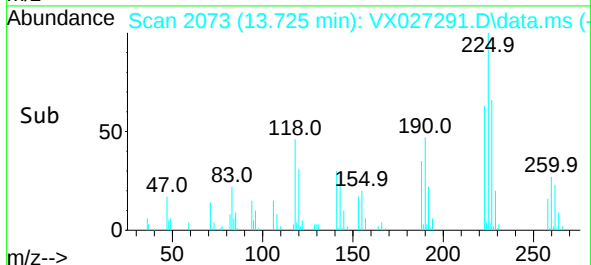
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

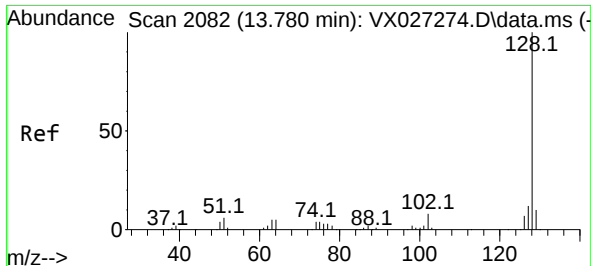


#90
Hexachlorobutadiene
Concen: 18.968 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47



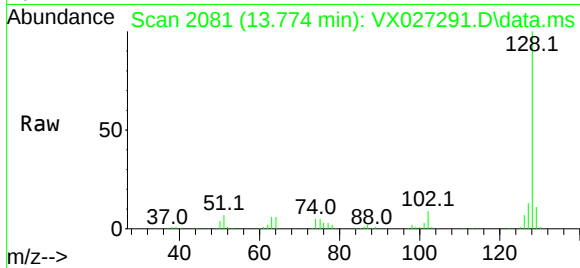
Tgt Ion:225 Resp: 9103
Ion Ratio Lower Upper
225 100
223 62.3 0.0 126.0
227 64.0 0.0 125.0





#91
Naphthalene
Concen: 17.708 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47

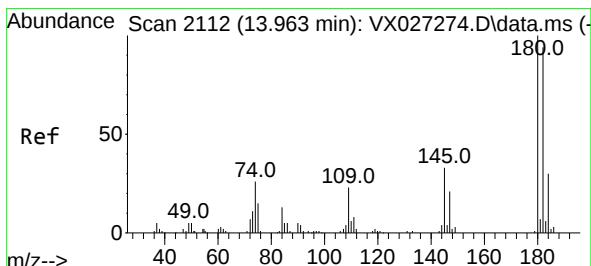
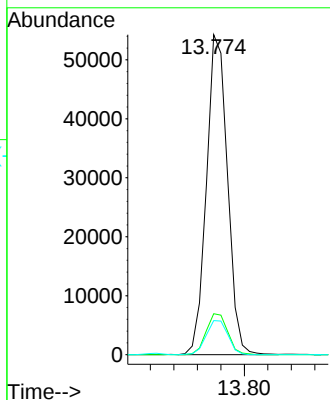
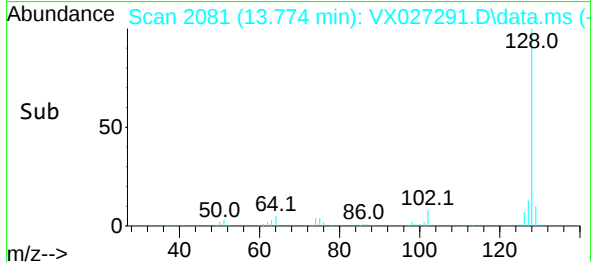
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



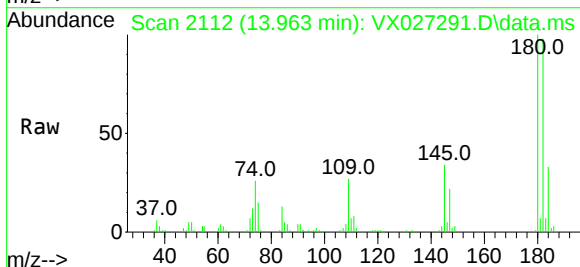
Tgt Ion:128 Resp: 67449
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#92
1,2,3-Trichlorobenzene
Concen: 17.455 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX027291.D
Acq: 04 Mar 2022 10:47



Tgt Ion:180 Resp: 20004
Ion Ratio Lower Upper
180 100
182 96.9 0.0 189.4
145 35.2 0.0 67.2

