

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
 Data File : VX026726.D
 Acq On : 02 Feb 2022 10:31
 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 02/03/2022
 Supervised By : Mahesh Dadoda 02/04/2022

Quant Time: Feb 03 03:01:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 10 12:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	16917	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	95030	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	84721	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	37913	27.871	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	92.900%	
60) 4-Bromofluorobenzene	11.079	95	40980	28.983	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	96.600%	
63) Toluene-d8	8.647	98	113214	29.089	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	96.967%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	20756	20.370	ug/l	98
3) Chloromethane	1.294	50	18974	21.314	ug/l	98
4) Vinyl Chloride	1.380	62	19411	19.725	ug/l	96
5) Bromomethane	1.618	94	9703	21.899	ug/l	96
6) Chloroethane	1.691	64	11246	20.139	ug/l	94
7) Trichlorofluoromethane	1.892	101	29763	19.083	ug/l	93
8) Diethyl Ether	2.136	74	10607	19.060	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	20162	20.712	ug/l	98
10) 1,1-Dichloroethene	2.325	96	18552	20.401	ug/l	92
11) Methyl Iodide	2.459	142	24548	24.856	ug/l	95
12) Methyl Acetate	2.703	43	38984	20.463	ug/l	96
13) Acrolein	2.239	56	18917	95.814	ug/l	98
14) Acrylonitrile	3.062	53	56621	106.553	ug/l	98
15) Acetone	2.386	58	22496	134.772	ug/l	90
16) Carbon Disulfide	2.514	76	48265	18.795	ug/l	99
17) Allyl chloride	2.666	41	34095	19.482	ug/l	95
18) Methylene Chloride	2.794	84	21059	21.025	ug/l	99
19) trans-1,2-Dichloroethene	3.099	96	19981	20.441	ug/l	97
20) Diisopropyl ether	3.757	45	67449	19.830	ug/l	91
21) 1,1-Dichloroethane	3.611	63	36853	19.680	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	23450	20.505	ug/l	95
23) tert-Butyl Alcohol	2.983	59	17137	88.911	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	63428	18.756	ug/l	97
25) Chloroform	5.093	83	38190	19.681	ug/l	97
26) Cyclohexane	5.477	56	34023	19.863	ug/l #	99
29) 1,1-Dichloropropene	5.696	75	28279	19.267	ug/l	99
30) 2-Butanone	4.556	43	93550	109.752	ug/l	98
31) 2,2-Dichloropropane	4.477	77	27817	18.298	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	33224	18.594	ug/l	100
33) Carbon Tetrachloride	5.678	117	29680	18.749	ug/l	97
34) Benzene	6.038	78	82814	20.349	ug/l	98
35) Methacrylonitrile	4.928	41	17249	19.314	ug/l	94
36) 1,2-Dichloroethane	6.092	62	30675	18.662	ug/l	98
37) Trichloroethene	7.123	130	25079	21.337	ug/l	97
38) Methylcyclohexane	7.379	83	35455	20.157	ug/l	98
39) 1,2-Dichloropropane	7.428	63	21152	20.325	ug/l	95
40) Dibromomethane	7.580	93	14974	20.482	ug/l	98
41) Bromodichloromethane	7.824	83	29487	19.543	ug/l	100
42) Vinyl Acetate	3.721	43	253023	95.811	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	28088	18.124	ug/l	97
44) Isopropyl Acetate	6.336	43	47373	18.520	ug/l	98
45) 1,4-Dioxane	7.690	88	7859	396.404	ug/l	99
46) Methyl methacrylate	7.690	41	23735	18.917	ug/l	92
47) n-amyl Acetate	10.842	43	37477	19.582	ug/l	96
48) t-1,3-Dichloropropene	8.976	75	28984	19.239	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	32669	19.611	ug/l	94
50) 1,1,2-Trichloroethane	9.153	97	21683	21.571	ug/l	95
51) Ethyl methacrylate	9.116	69	32206	20.095	ug/l	95
52) 1,3-Dichloropropane	9.311	76	37041	21.264	ug/l	98
53) Dibromochloromethane	9.519	129	22321	20.431	ug/l	98
54) 1,2-Dibromoethane	9.610	107	22251	20.873	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	90442	105.493	ug/l	98
56) Bromoform	10.799	173	14642	20.189	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	154290	97.635	ug/l	98
59) 2-Hexanone	9.427	43	124725	101.931	ug/l	98
61) Tetrachloroethene	9.275	164	28019	22.439	ug/l	97
62) Toluene	8.720	91	91752	20.286	ug/l	99
64) Chlorobenzene	10.079	112	56611	20.616	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	20914	20.001	ug/l	98
66) Ethyl Benzene	10.195	91	100950	19.947	ug/l	95
67) m/p-Xylenes	10.299	106	77515	41.226	ug/l	97
68) o-Xylene	10.640	106	38129	20.909	ug/l	97
69) Styrene	10.659	104	62486	20.615	ug/l	96
70) Isopropylbenzene	10.963	105	100415	20.524	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	24977	18.733	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	26940m	19.923	ug/l	
73) Bromobenzene	11.201	156	23145	20.666	ug/l	96
74) n-propylbenzene	11.305	91	115666	20.467	ug/l	100
75) 2-Chlorotoluene	11.366	91	69138	20.365	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	83825	20.511	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	7554	18.575	ug/l	93
78) 4-Chlorotoluene	11.457	91	78427	20.263	ug/l	97
79) tert-butylbenzene	11.713	119	75488	19.955	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	82635	20.470	ug/l	99
81) sec-Butylbenzene	11.890	105	103370	20.860	ug/l	100
82) p-Isopropyltoluene	12.012	119	85919	20.525	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	42751	20.511	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	42826	20.505	ug/l	100
85) n-Butylbenzene	12.335	91	72784	20.090	ug/l	100
86) Hexachloroethane	12.542	117	12014	19.010	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	41051	20.497	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	5691	16.728	ug/l	95
89) 1,2,4-Trichlorobenzene	13.591	180	25890	19.747	ug/l	99
90) Hexachlorobutadiene	13.725	225	11784	20.593	ug/l	96
91) Naphthalene	13.774	128	85601	18.887	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	25846	19.819	ug/l	98

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

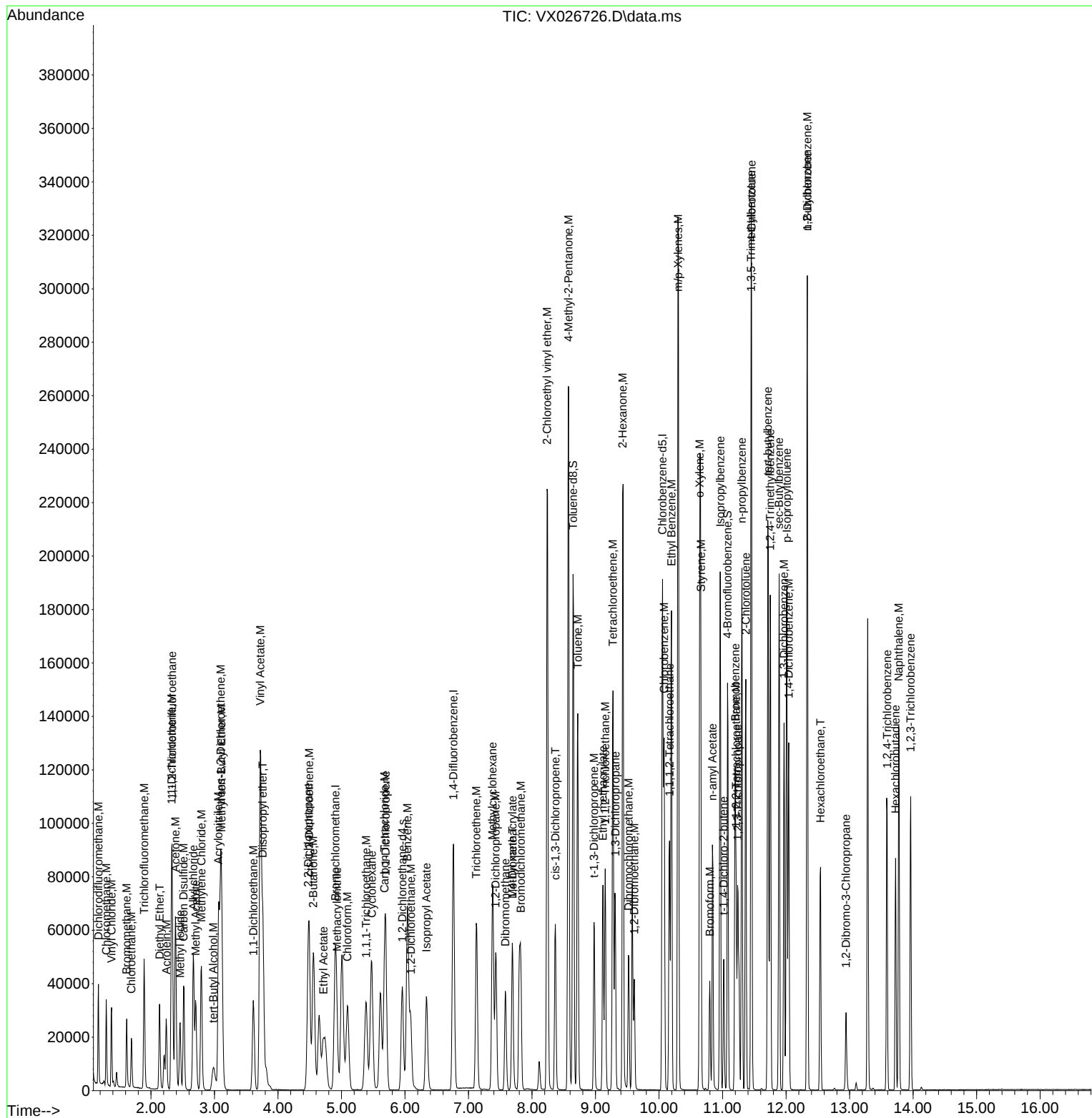
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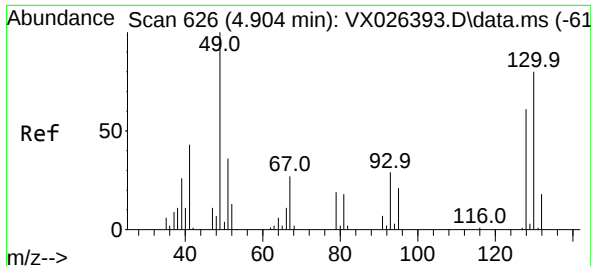
Instrument :
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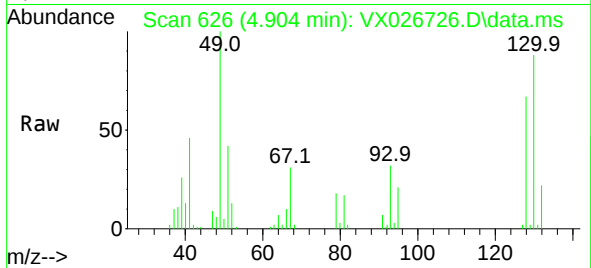
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

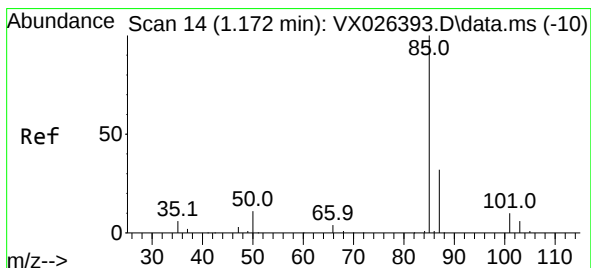
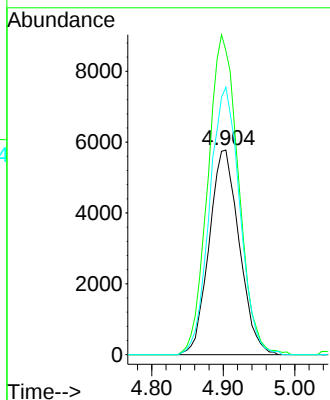
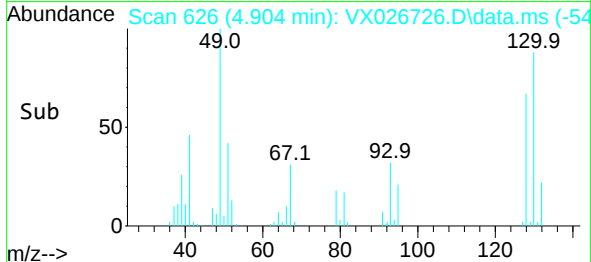
Instrument :
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ClientSampleId :
VSTDCCC020



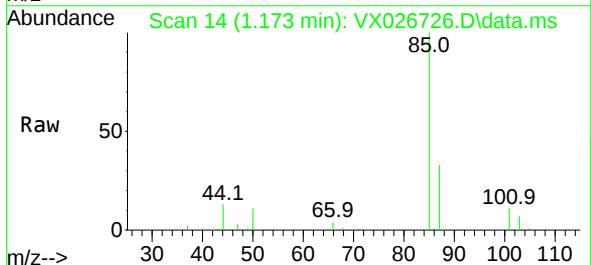
Tgt Ion:128 Resp: 1691
Ion Ratio Lower Upper
128 100
49 158.7 0.0 413.5
130 131.1 0.0 326.0

Manual Integrations
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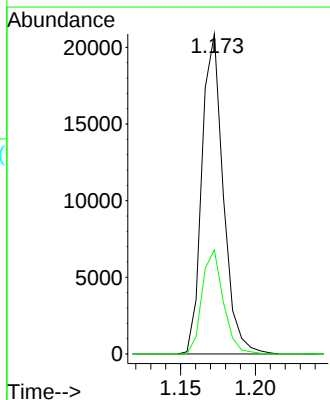
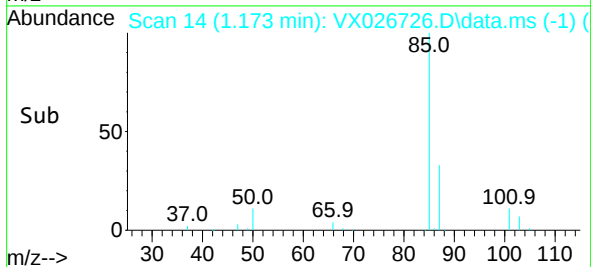
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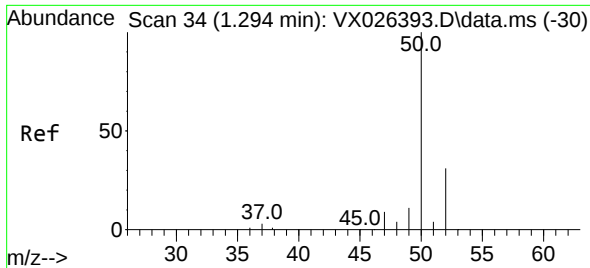


#2
Dichlorodifluoromethane
Concen: 20.370 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31



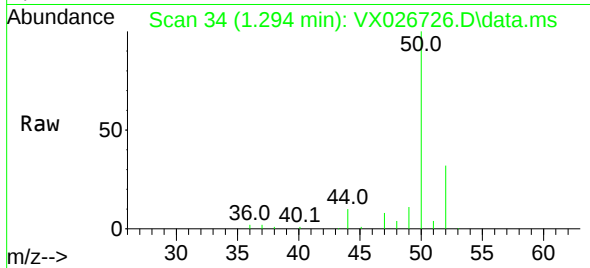
Tgt Ion: 85 Resp: 20756
Ion Ratio Lower Upper
85 100
87 32.5 15.8 47.3





#3
Chloromethane
Concen: 21.314 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

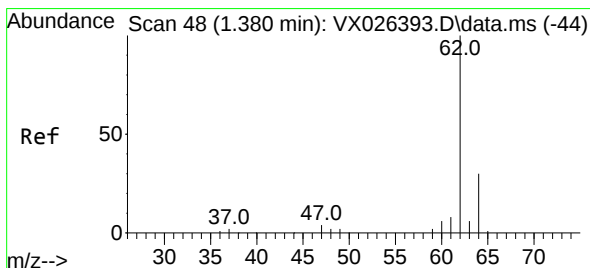
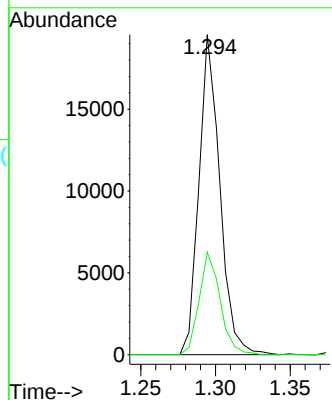
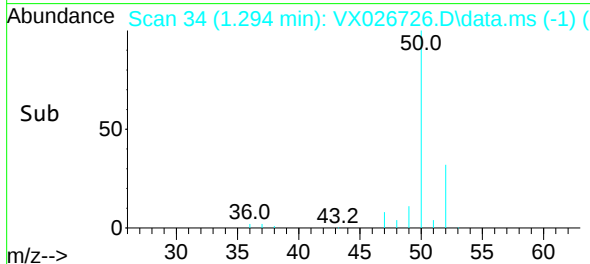
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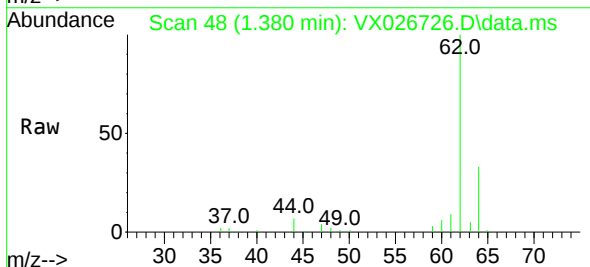
Tgt Ion: 50 Resp: 18974
Ion Ratio Lower Upper
50 100
52 32.0 24.8 37.2

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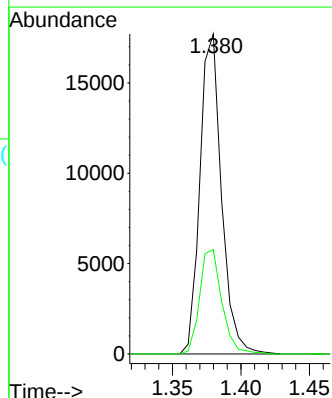
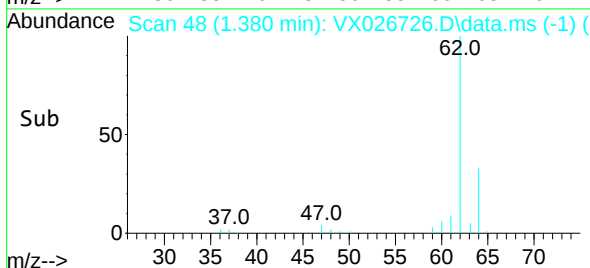
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

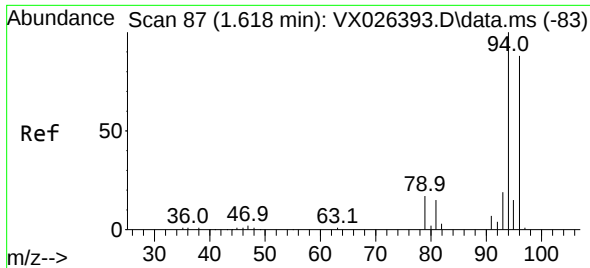


#4
Vinyl Chloride
Concen: 19.725 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31



Tgt Ion: 62 Resp: 19411
Ion Ratio Lower Upper
62 100
64 32.6 24.4 36.6





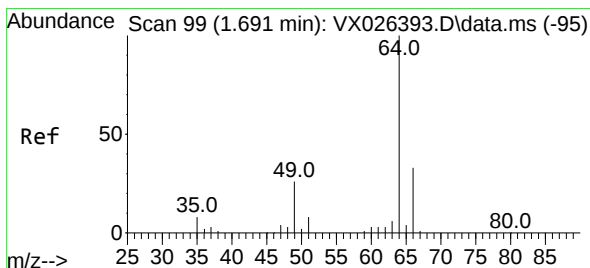
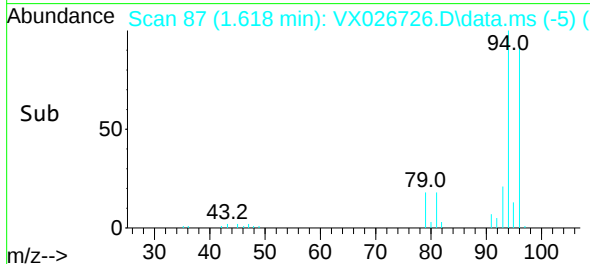
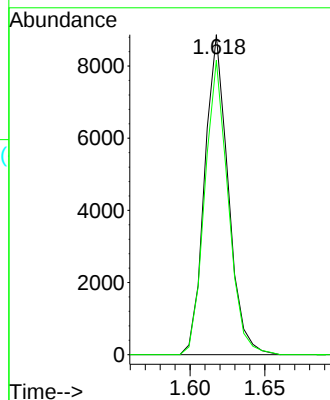
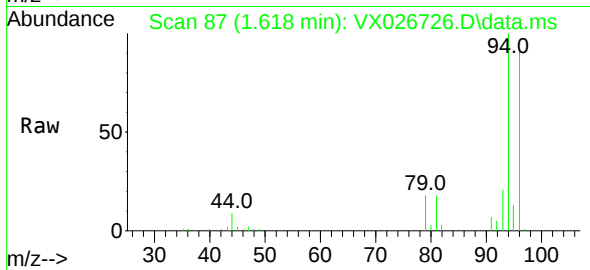
#5
Bromomethane
Concen: 21.899 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX026726.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 970
Ion Ratio Lower Upper
94 100
96 92.0 70.3 105.5

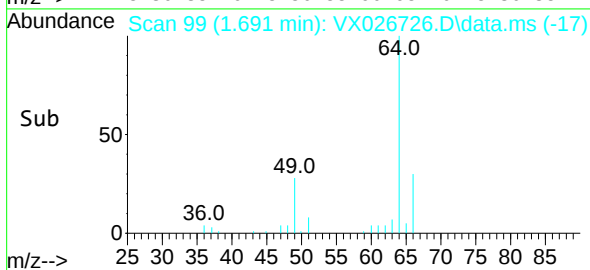
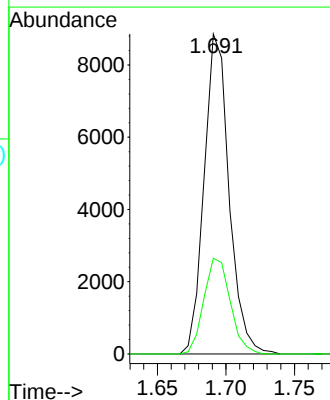
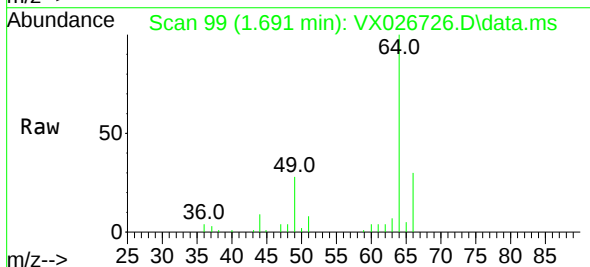
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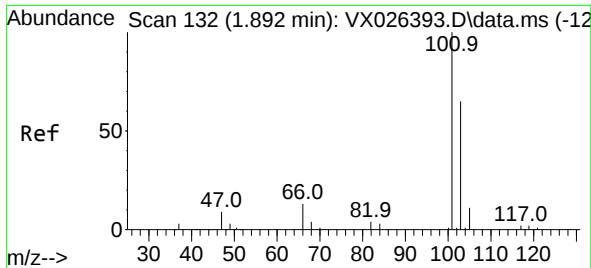
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#6
Chloroethane
Concen: 20.139 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX026726.D
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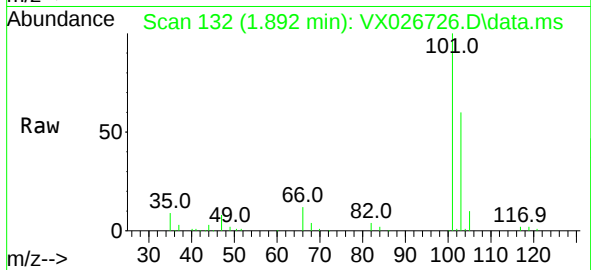
Tgt Ion: 64 Resp: 11246
Ion Ratio Lower Upper
64 100
66 29.9 26.6 39.8





#7
 Trichlorofluoromethane
 Concen: 19.083 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026726.D
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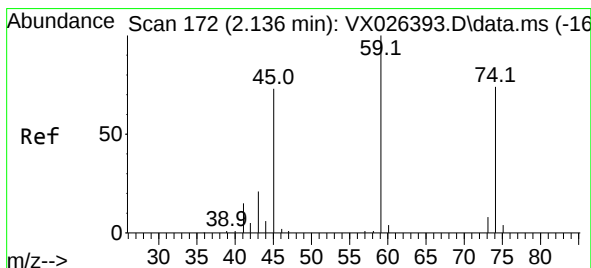
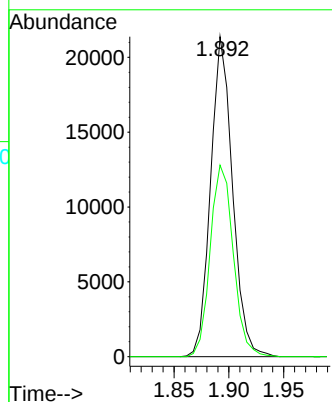
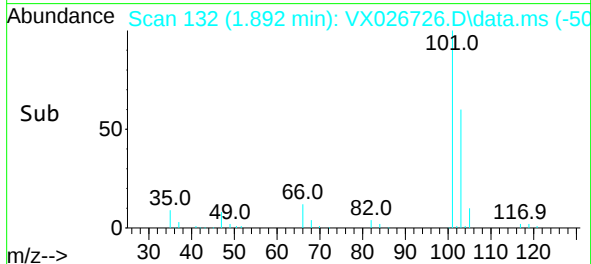
Instrument :
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Tgt Ion:101 Resp: 2976
 Ion Ratio Lower Upper
 101 100
 103 59.9 52.2 78.4

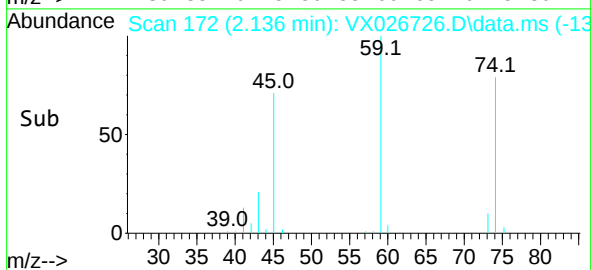
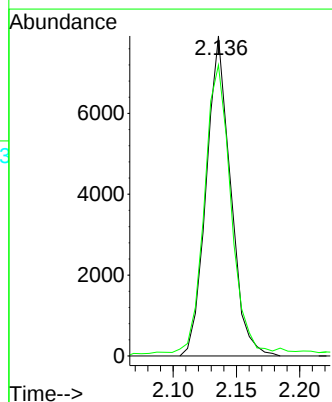
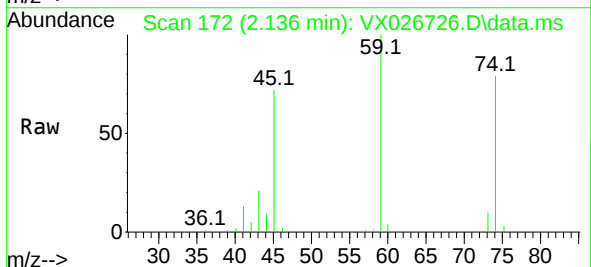
Manual Integrations
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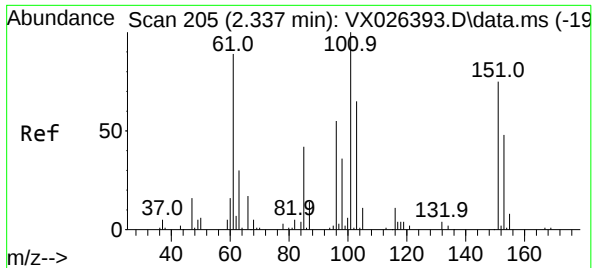
Reviewed By :John Carlone 02/03/2022
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#8
 Diethyl Ether
 Concen: 19.060 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 10607
 Ion Ratio Lower Upper
 74 100
 45 98.8 19.5 175.5





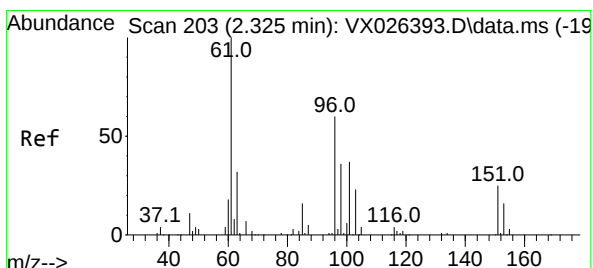
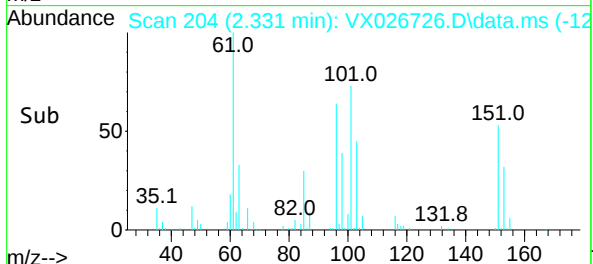
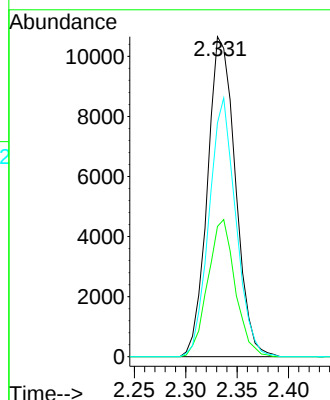
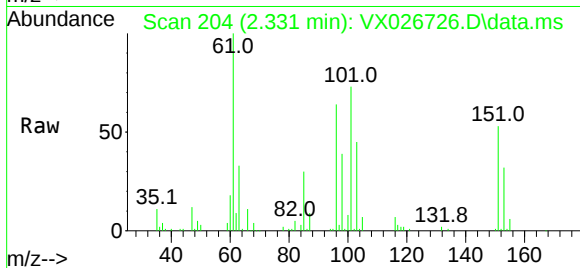
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.712 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX026726.D
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Tgt Ion:101 Resp: 2016
Ion Ratio Lower Upper
101 100
85 42.0 0.0 87.6
151 77.4 0.0 151.2

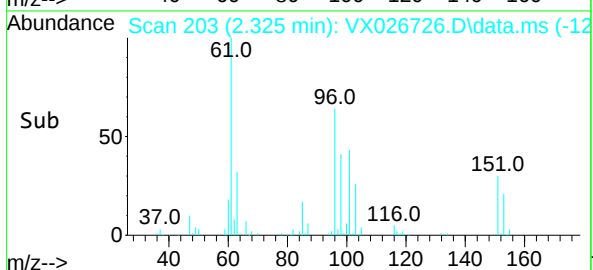
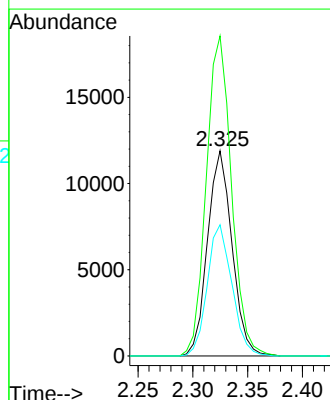
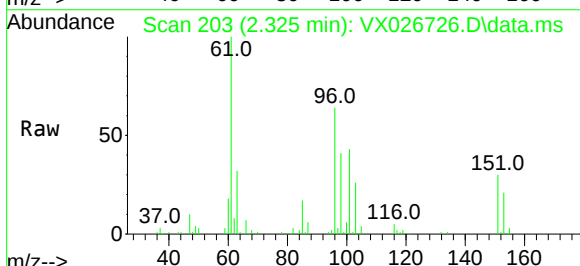
Manual Integrations
APPROVED

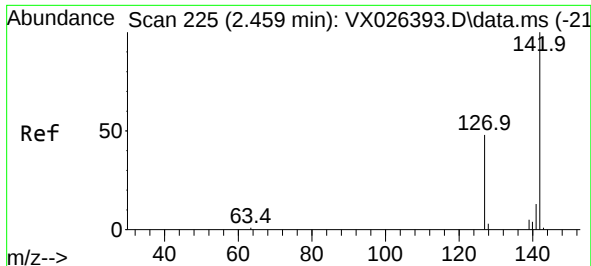
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#10
1,1-Dichloroethene
Concen: 20.401 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

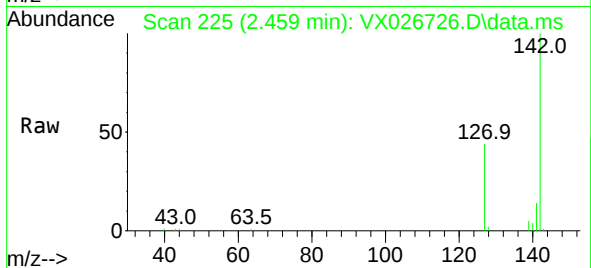
Tgt Ion: 96 Resp: 18552
Ion Ratio Lower Upper
96 100
61 156.0 134.1 201.1
98 64.0 47.9 71.9





#11
Methyl Iodide
Concen: 24.856 ug/l
RT: 2.459 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

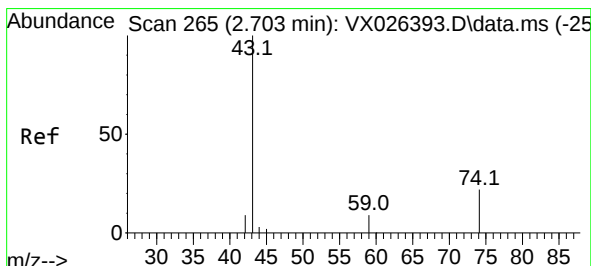
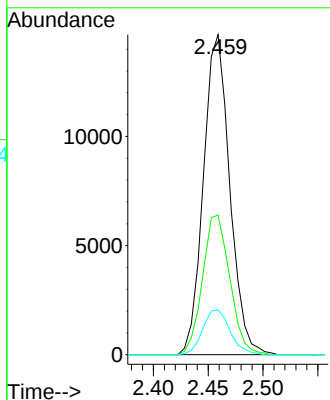
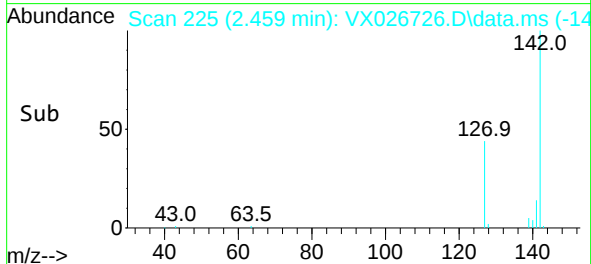
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 24548
Ion Ratio Lower Upper
142 100
127 43.7 23.9 71.7
141 14.0 6.7 20.1

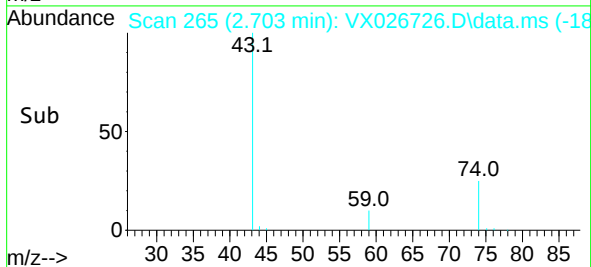
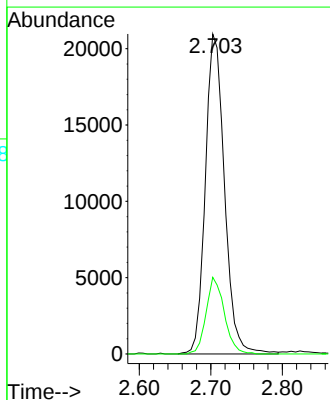
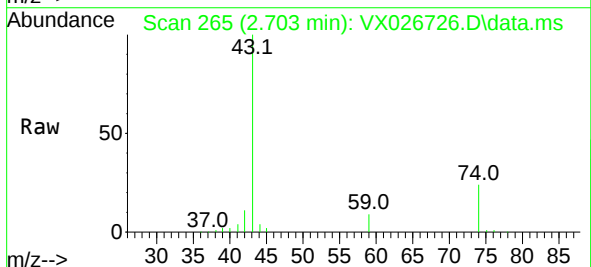
Manual Integrations
APPROVED

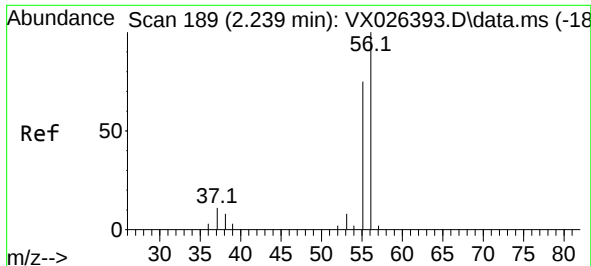
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#12
Methyl Acetate
Concen: 20.463 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

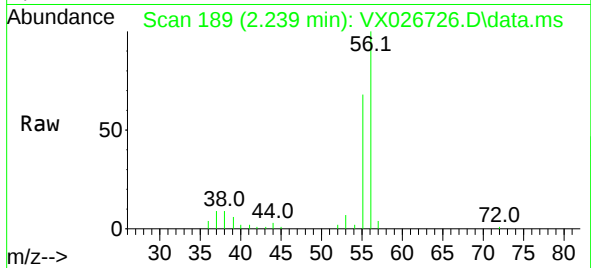
Tgt Ion: 43 Resp: 38984
Ion Ratio Lower Upper
43 100
74 24.0 17.8 26.6





#13
Acrolein
Concen: 95.814 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

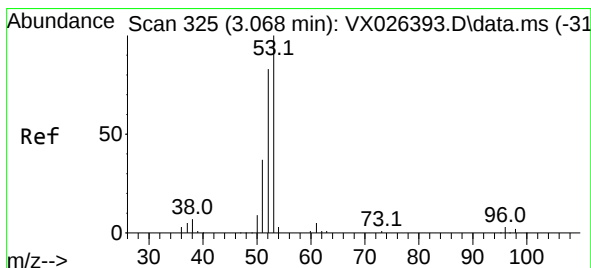
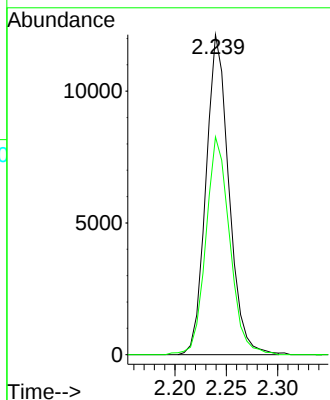
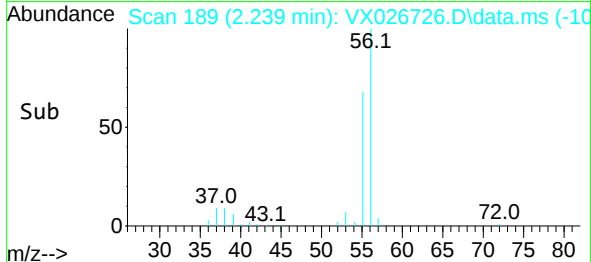
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



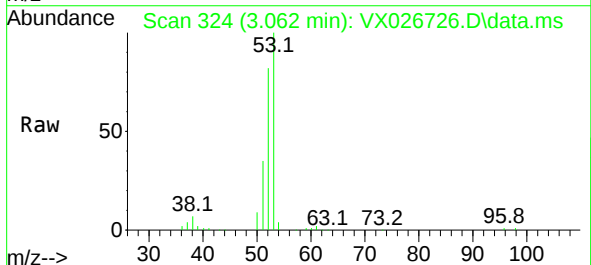
Tgt Ion: 56 Resp: 1891
Ion Ratio Lower Upper
56 100
55 70.6 58.2 87.2

Manual Integrations
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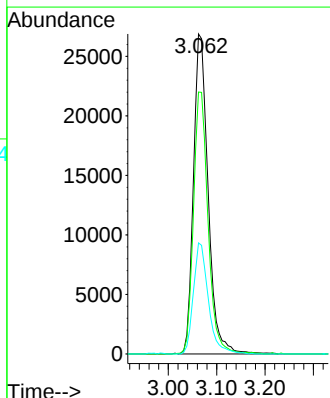
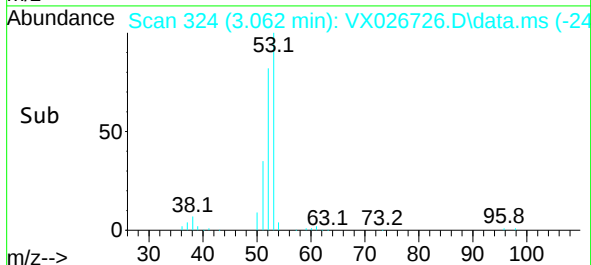
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

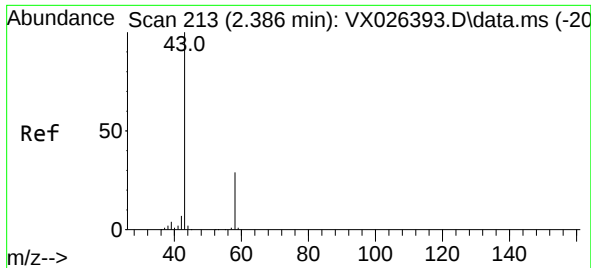


#14
Acrylonitrile
Concen: 106.553 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.006 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31



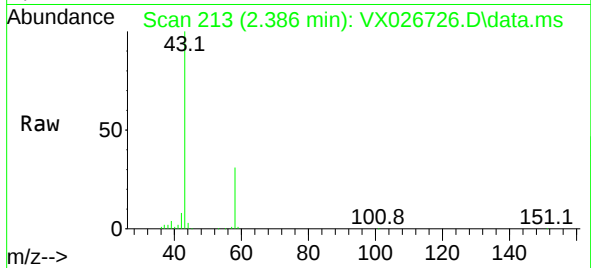
Tgt Ion: 53 Resp: 56621
Ion Ratio Lower Upper
53 100
52 81.1 41.4 124.4
51 35.4 18.6 56.0





#15
Acetone
Concen: 134.772 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

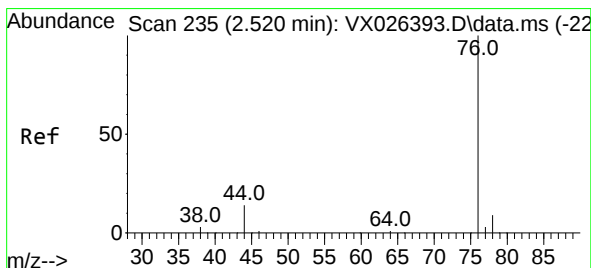
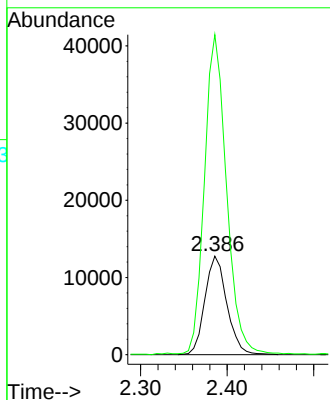
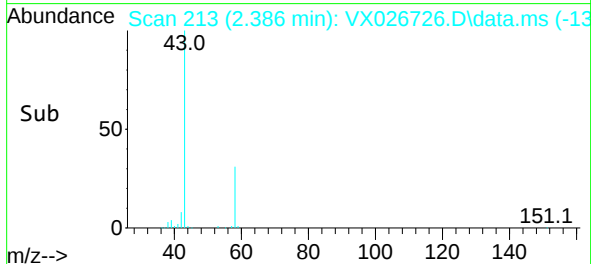
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 58 Resp: 22490
Ion Ratio Lower Upper
58 100
43 323.8 276.3 414.5

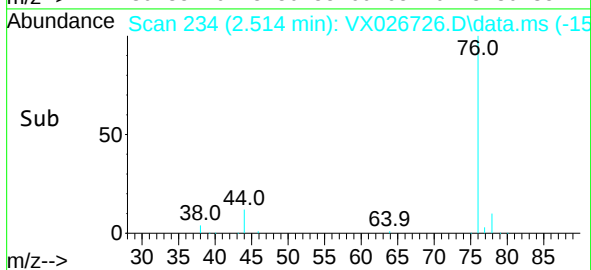
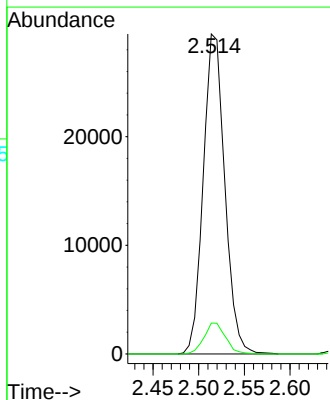
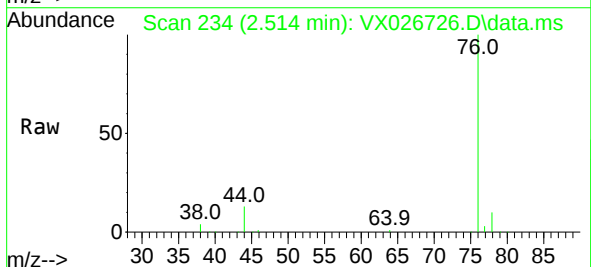
Manual Integrations
APPROVED

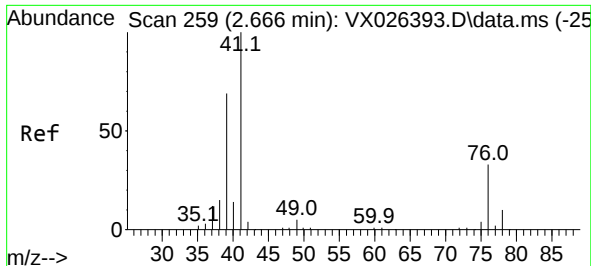
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#16
Carbon Disulfide
Concen: 18.795 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.006 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

Tgt Ion: 76 Resp: 48265
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9





#17

Allyl chloride

Concen: 19.482 ug/l

RT: 2.666 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX026726.D

Acq: 02 Feb 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

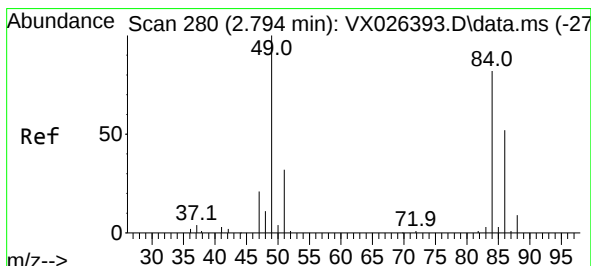
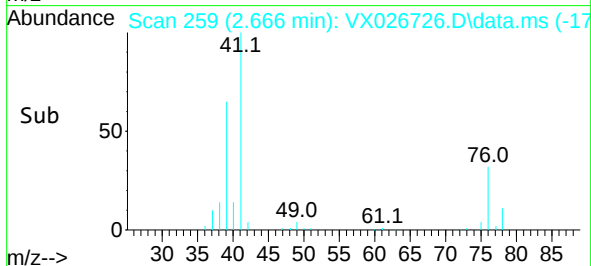
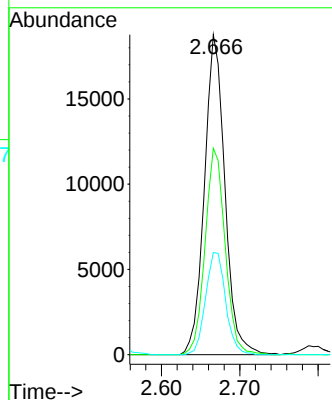
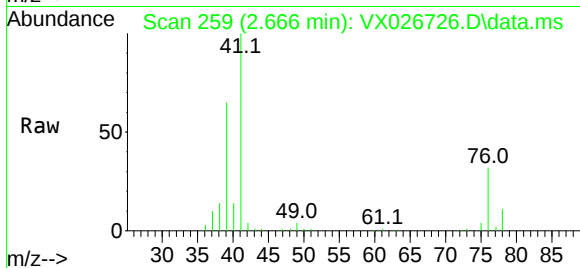
Tgt Ion:	41	Resp:	3409
Ion	Ratio	Lower	Upper
41	100		
39	64.5	34.5	103.5
76	31.9	16.7	50.0

Manual Integrations

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Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#18

Methylene Chloride

Concen: 21.025 ug/l

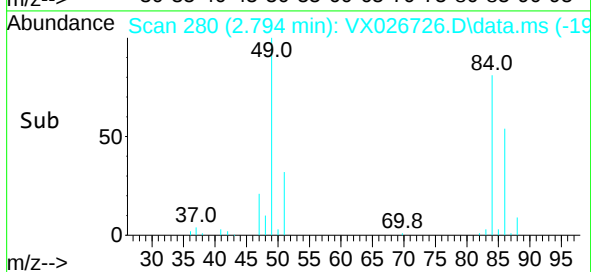
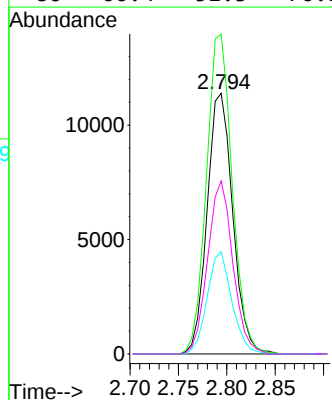
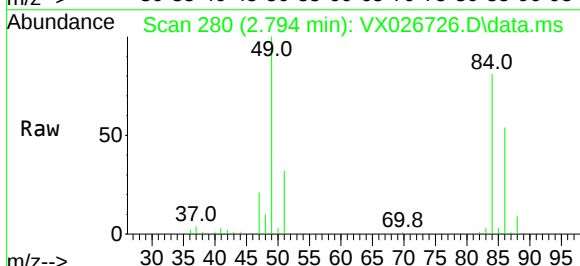
RT: 2.794 min Scan# 280

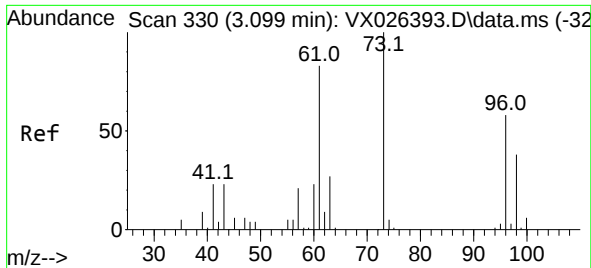
Delta R.T. 0.000 min

Lab File: VX026726.D

Acq: 02 Feb 2022 10:31

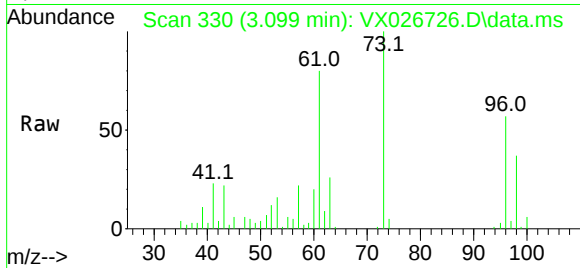
Tgt Ion:	84	Resp:	21059
Ion	Ratio	Lower	Upper
84	100		
49	122.8	97.8	146.8
51	39.2	31.1	46.7
86	66.4	51.3	76.9





#19
trans-1,2-Dichloroethene
Concen: 20.441 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

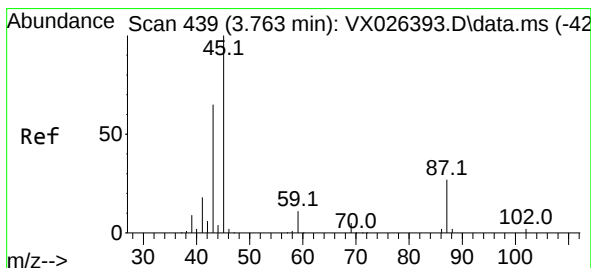
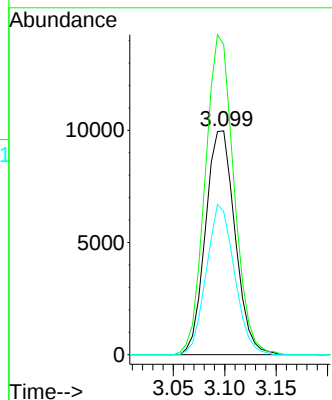
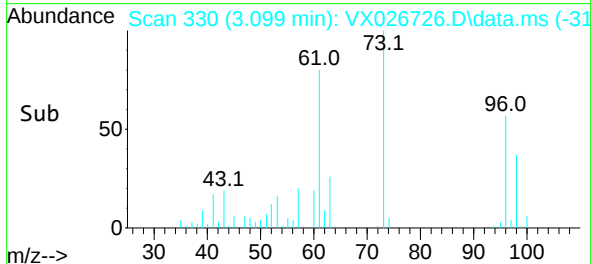
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



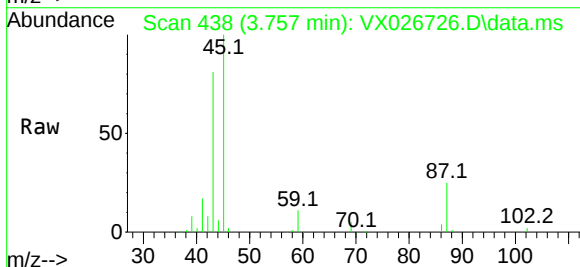
Tgt Ion: 96 Resp: 1998
Ion Ratio Lower Upper
96 100
61 138.0 114.3 171.5
98 63.9 52.6 78.8

Manual Integrations
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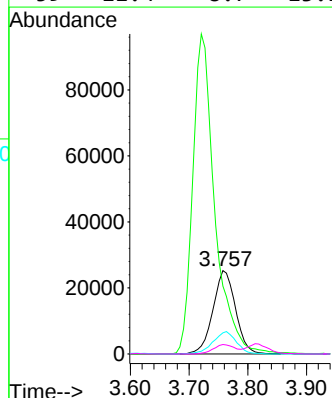
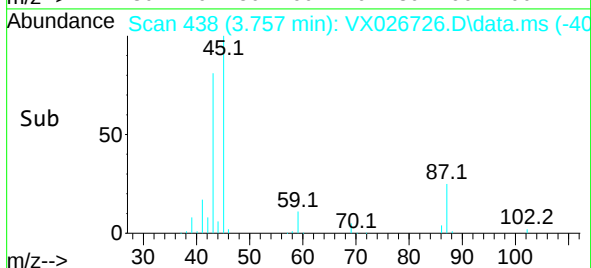
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

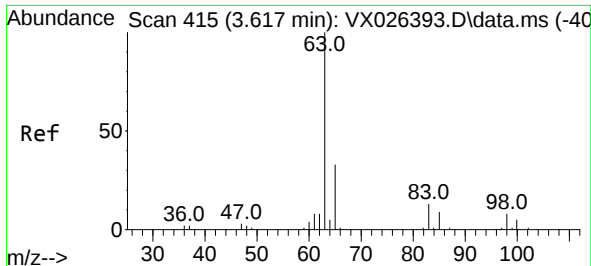


#20
Diisopropyl ether
Concen: 19.830 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31



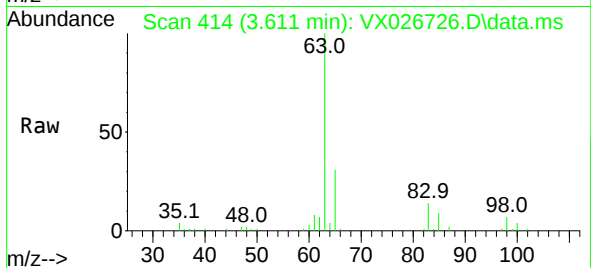
Tgt Ion: 45 Resp: 67449
Ion Ratio Lower Upper
45 100
43 79.9 56.2 84.2
87 25.4 21.5 32.3
59 11.4 8.7 13.1





#21
1,1-Dichloroethane
Concen: 19.680 ug/l
RT: 3.611 min Scan# 415
Delta R.T. -0.006 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

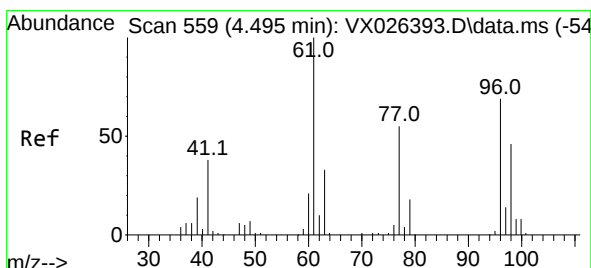
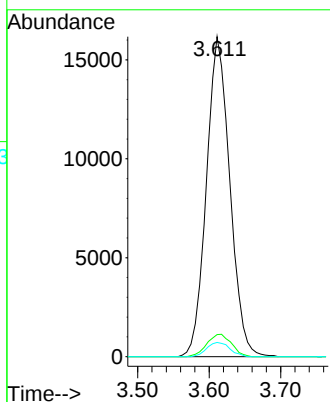
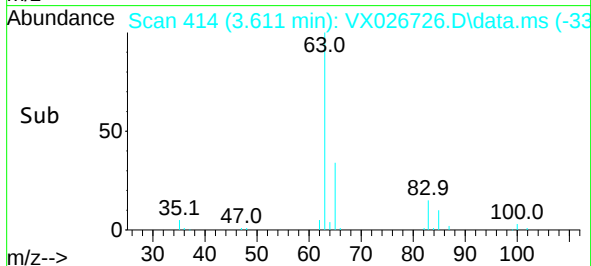
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



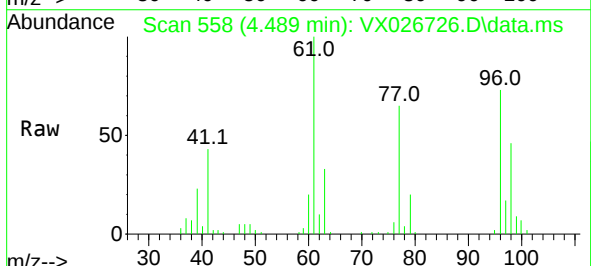
Tgt Ion: 63 Resp: 3685
Ion Ratio Lower Upper
63 100
98 6.9 3.8 11.2
100 4.5 2.4 7.1

Manual Integrations
APPROVED

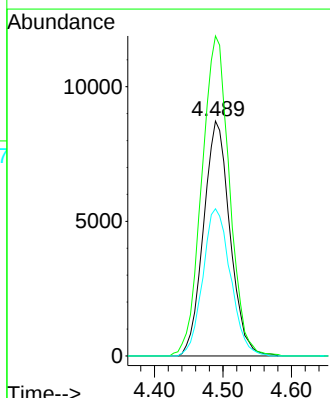
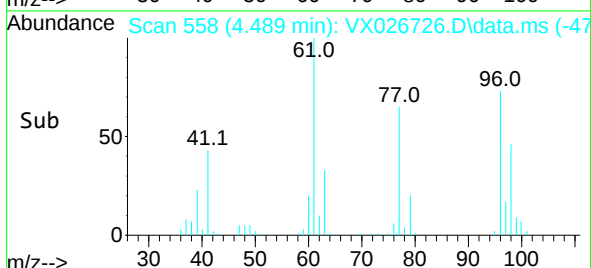
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

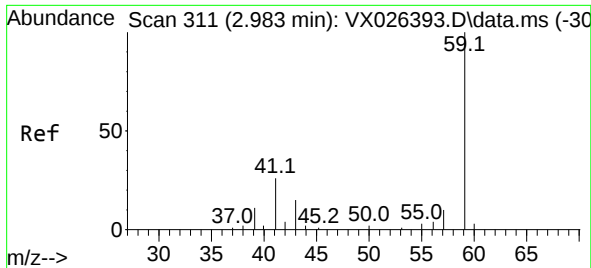


#22
cis-1,2-Dichloroethene
Concen: 20.505 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31



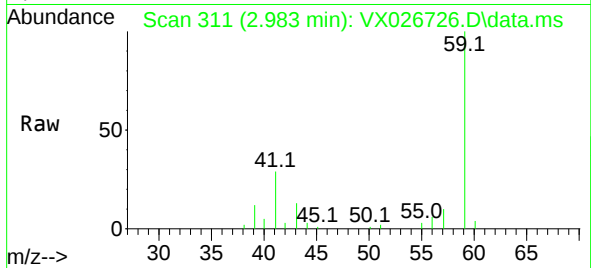
Tgt Ion: 96 Resp: 23450
Ion Ratio Lower Upper
96 100
61 142.3 121.8 182.6
98 65.5 52.6 78.8





#23
tert-Butyl Alcohol
Concen: 88.911 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

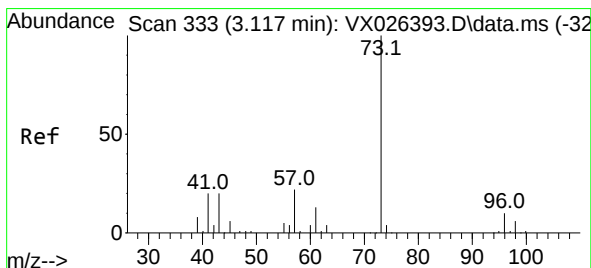
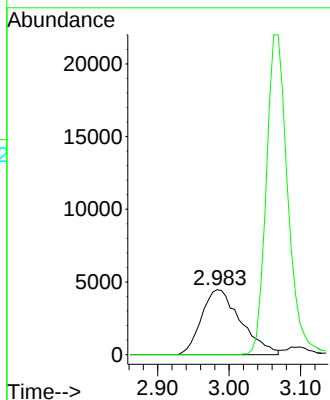
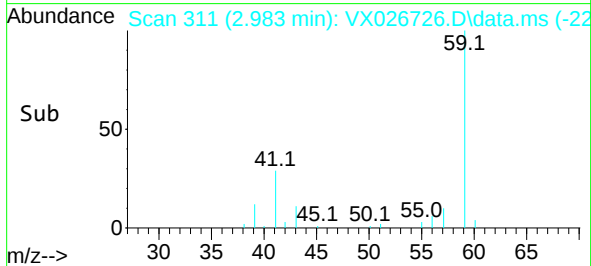
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 59 Resp: 1713
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

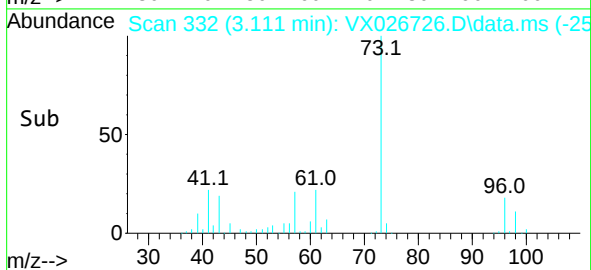
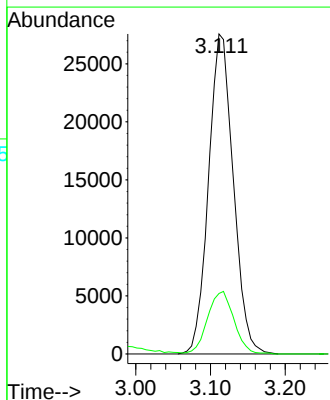
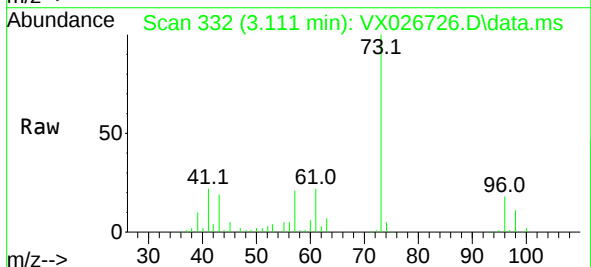
Manual Integrations
APPROVED

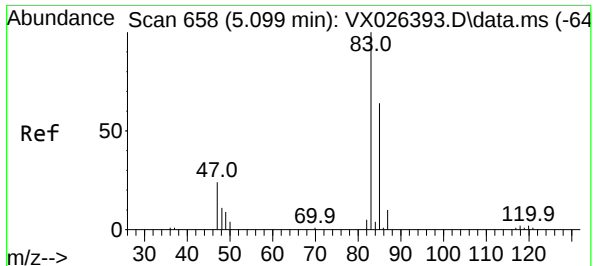
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#24
Methyl tert-Butyl Ether
Concen: 18.756 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

Tgt Ion: 73 Resp: 63428
Ion Ratio Lower Upper
73 100
43 19.9 17.1 25.7





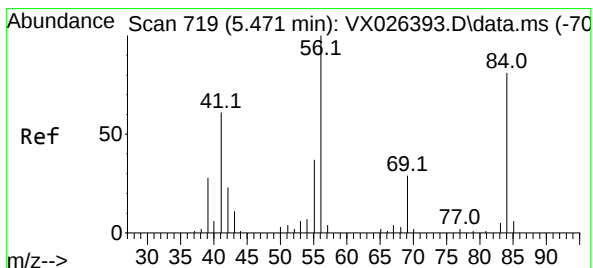
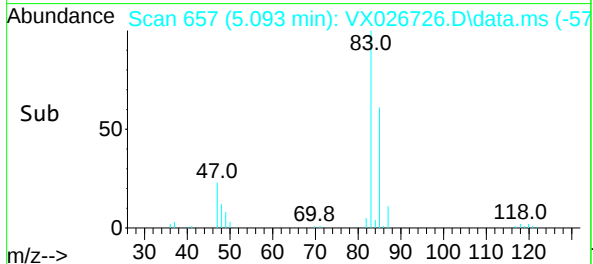
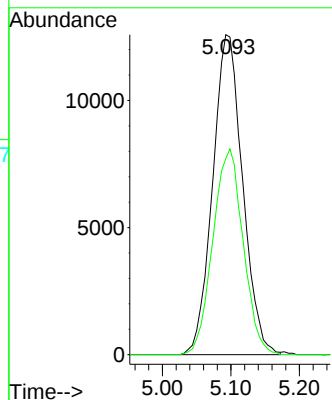
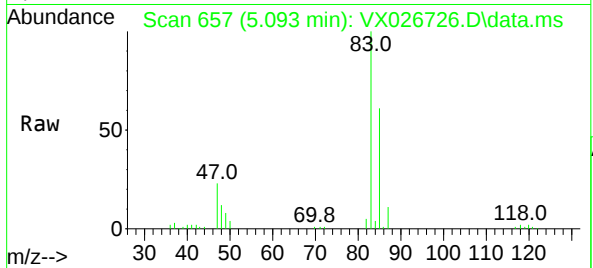
#25
Chloroform
Concen: 19.681 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 38190
Ion Ratio Lower Upper
83 100
85 61.3 50.8 76.2

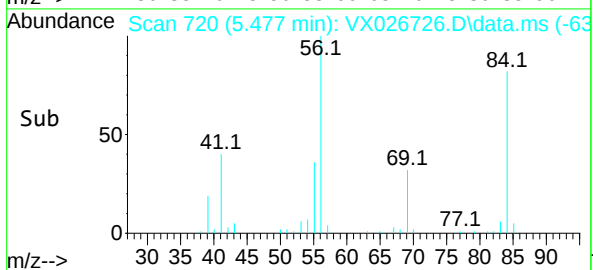
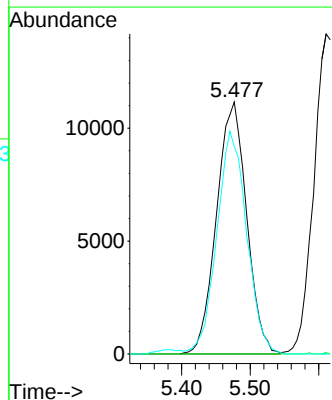
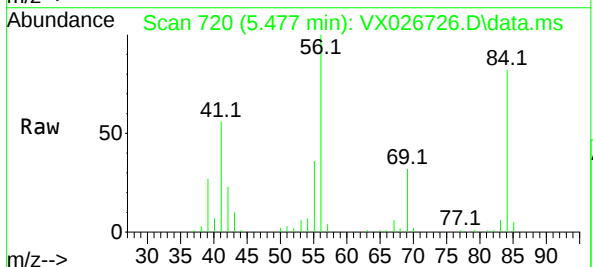
Manual Integrations
APPROVED

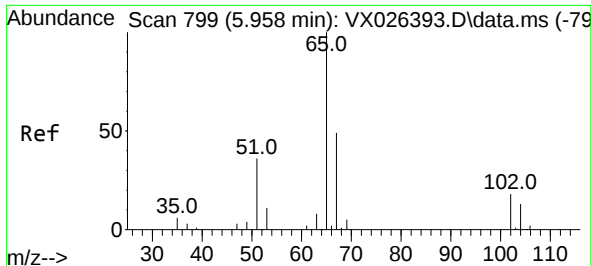
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#26
Cyclohexane
Concen: 19.863 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

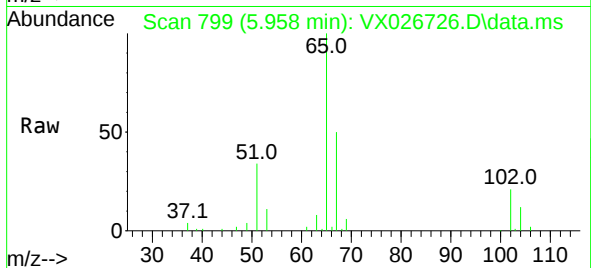
Tgt Ion: 56 Resp: 34023
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.8 70.6 106.0





#27
1,2-Dichloroethane-d4
Concen: 27.871 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

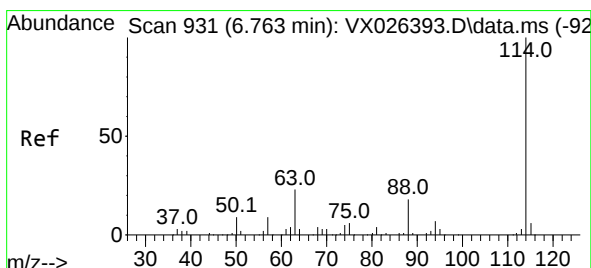
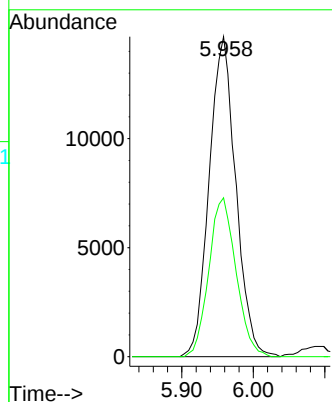
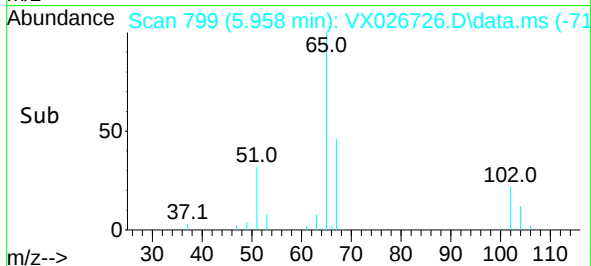
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 65 Resp: 3791
Ion Ratio Lower Upper
65 100
67 50.7 39.6 59.4

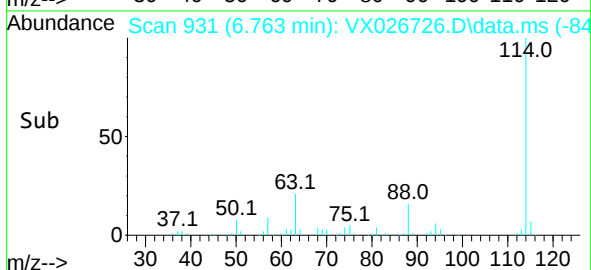
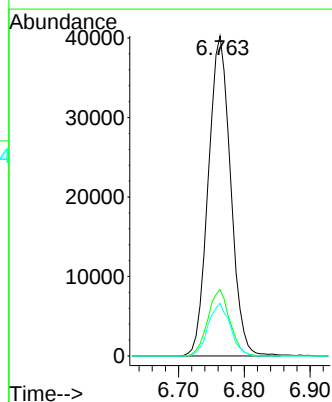
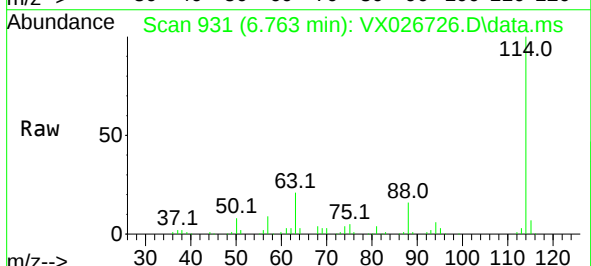
Manual Integrations
APPROVED

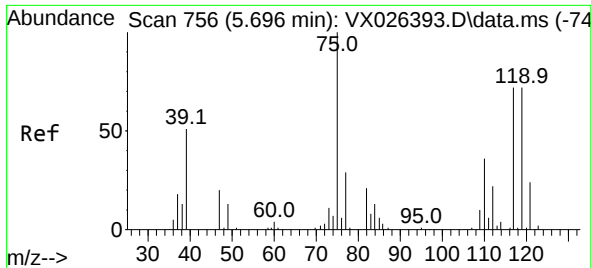
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

Tgt Ion:114 Resp: 95030
Ion Ratio Lower Upper
114 100
63 20.4 17.4 26.2
88 16.2 13.5 20.3





#29

1,1-Dichloropropene

Concen: 19.267 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX026726.D

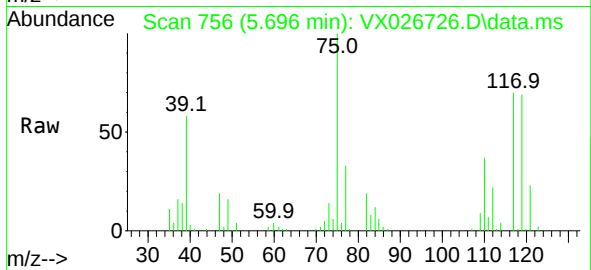
Acq: 02 Feb 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



Tgt Ion: 75 Resp: 28279

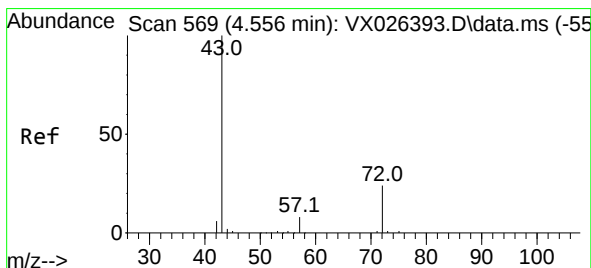
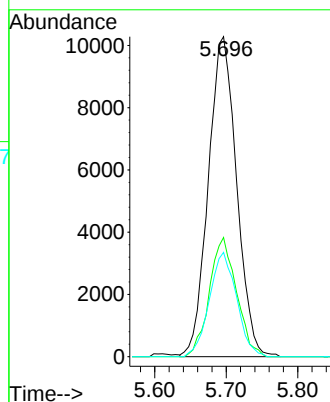
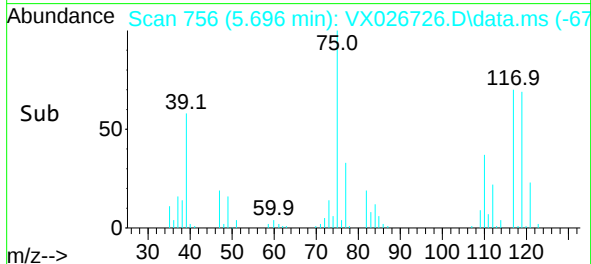
Ion	Ratio	Lower	Upper
75	100		
110	35.7	0.0	70.6
77	31.4	0.0	62.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#30

2-Butanone

Concen: 109.752 ug/l

RT: 4.556 min Scan# 569

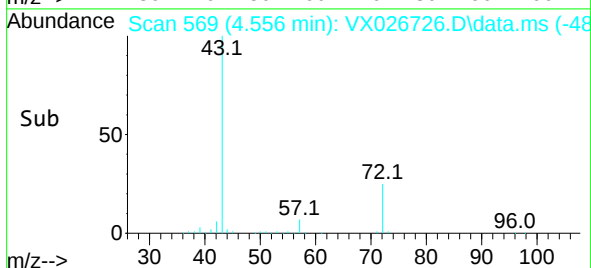
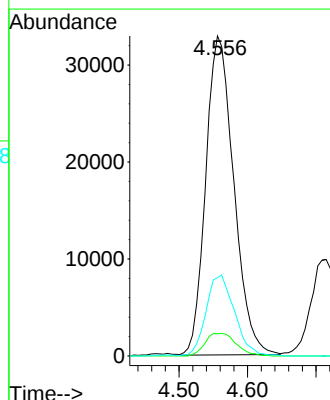
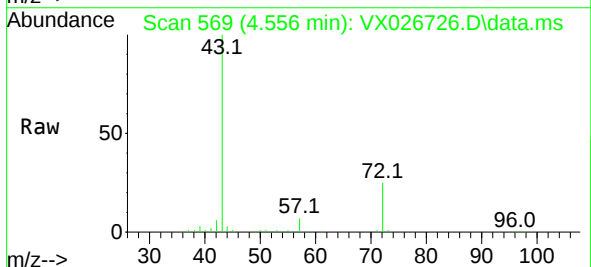
Delta R.T. 0.000 min

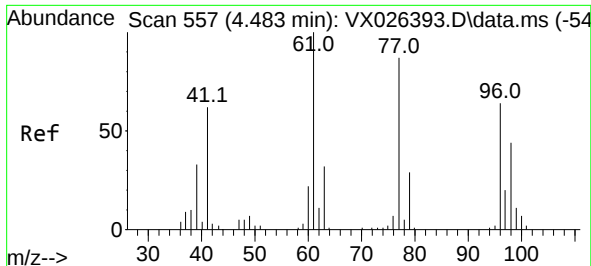
Lab File: VX026726.D

Acq: 02 Feb 2022 10:31

Tgt Ion: 43 Resp: 93550

Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.3	9.5
72	25.7	19.8	29.6





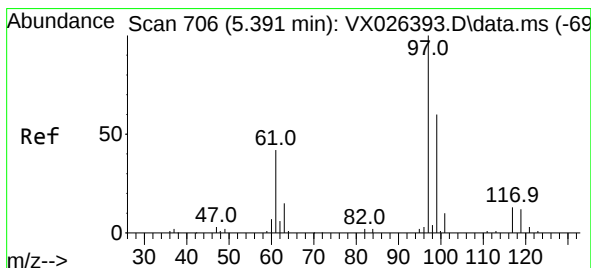
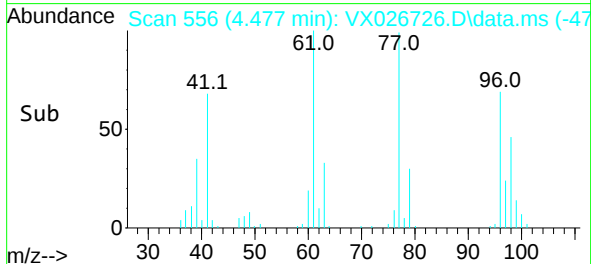
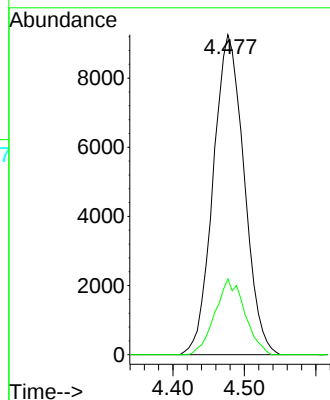
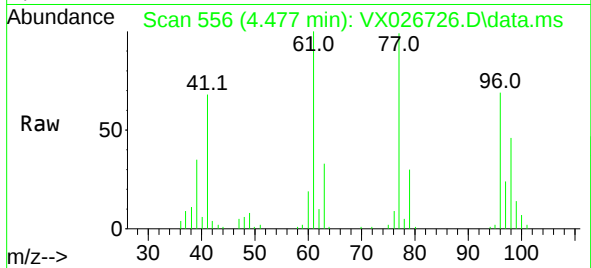
#31
2,2-Dichloropropane
Concen: 18.298 ug/l
RT: 4.477 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 2781
Ion Ratio Lower Upper
77 100
97 22.8 17.6 26.4

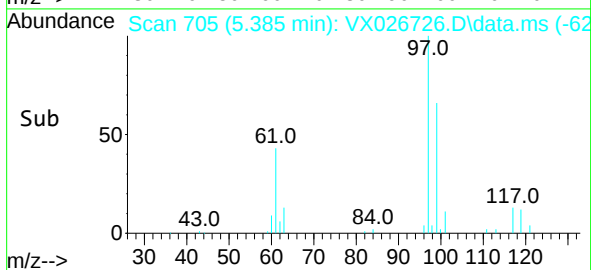
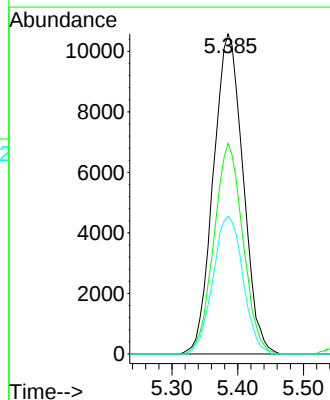
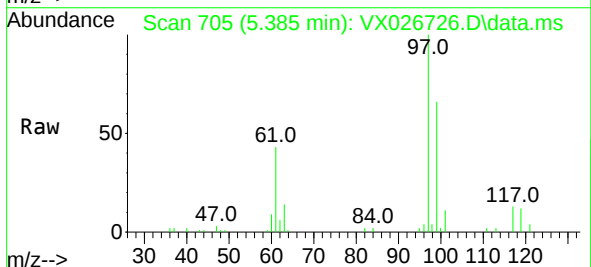
Manual Integrations
APPROVED

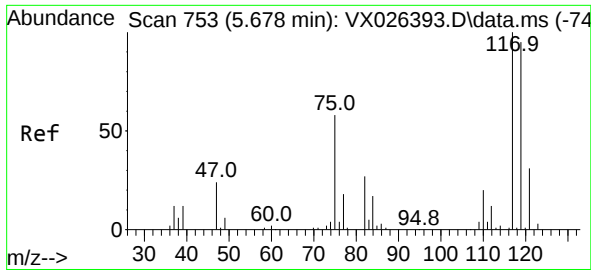
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#32
1,1,1-Trichloroethane
Concen: 18.594 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

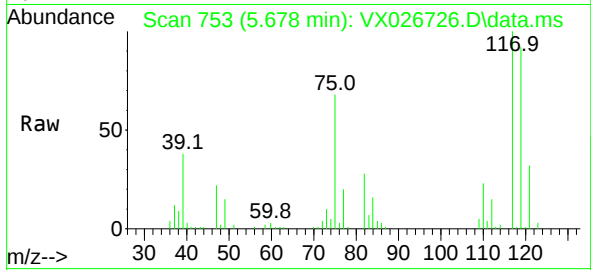
Tgt Ion: 97 Resp: 33224
Ion Ratio Lower Upper
97 100
99 64.1 50.9 76.3
61 43.5 34.9 52.3





#33
Carbon Tetrachloride
Concen: 18.749 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

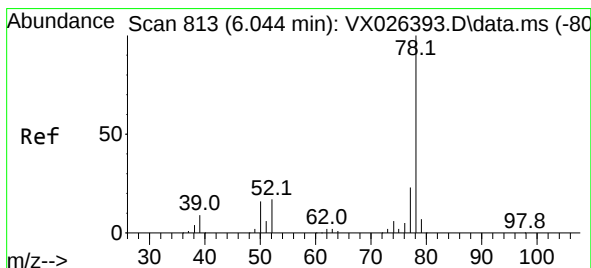
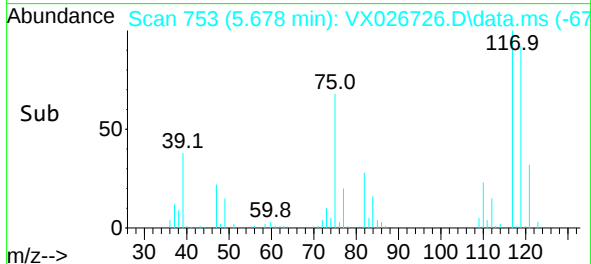
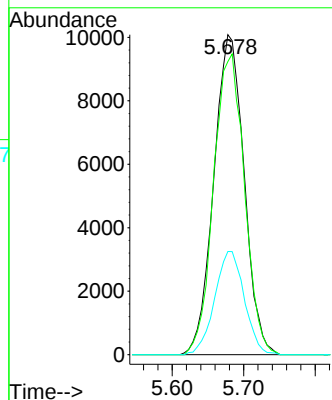
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 29680
Ion Ratio Lower Upper
117 100
119 91.6 75.9 113.9
121 32.2 25.2 37.8

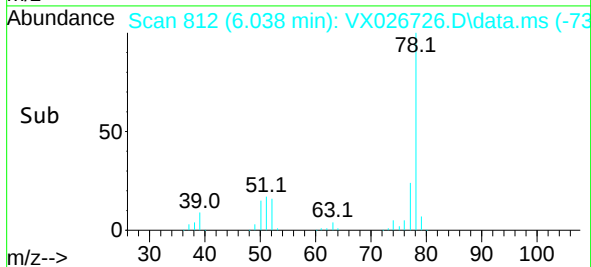
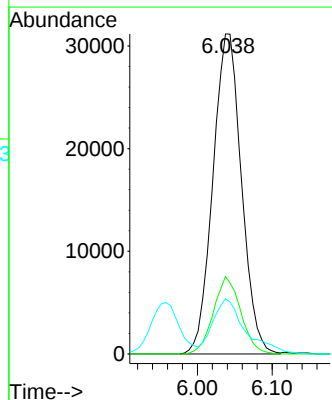
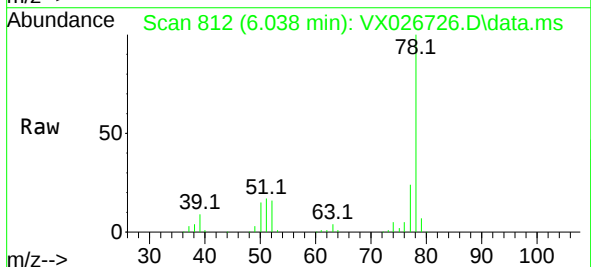
Manual Integrations
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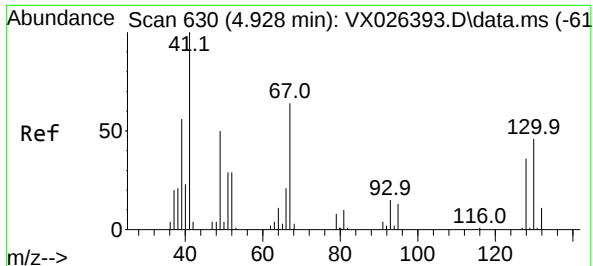
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#34
Benzene
Concen: 20.349 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

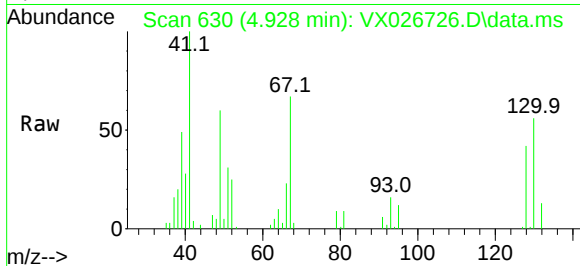
Tgt Ion: 78 Resp: 82814
Ion Ratio Lower Upper
78 100
77 24.2 18.7 28.1
51 15.6 13.5 20.3





#35
Methacrylonitrile
Concen: 19.314 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

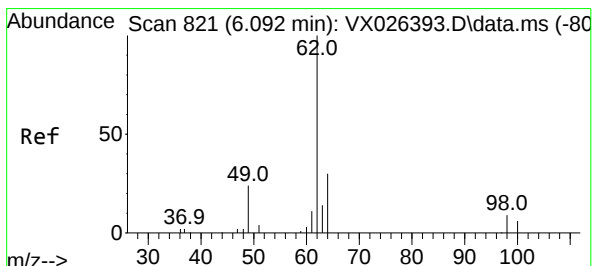
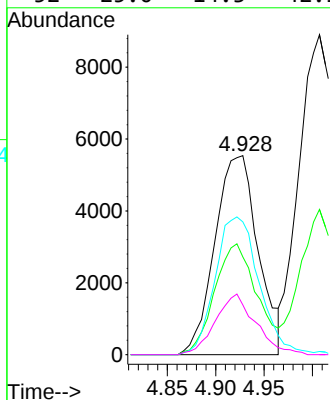
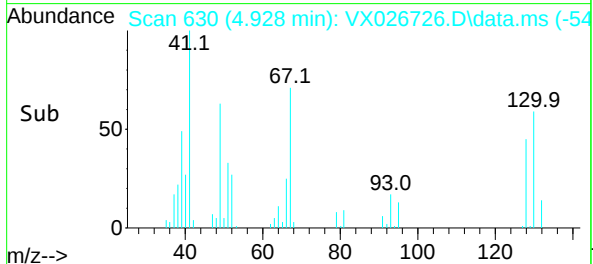
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:	41	Resp:	17249
Ion	Ratio	Lower	Upper
41	100		
39	49.2	27.8	83.4
67	66.7	32.1	96.3
52	25.0	14.3	42.9

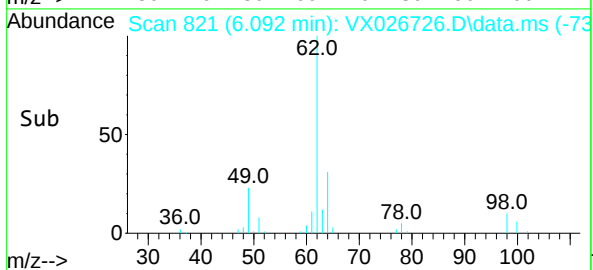
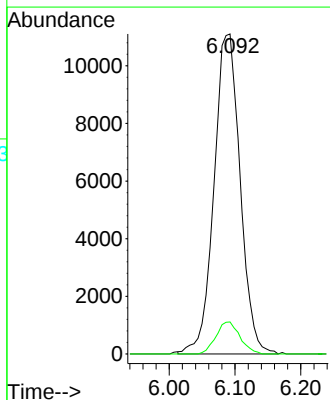
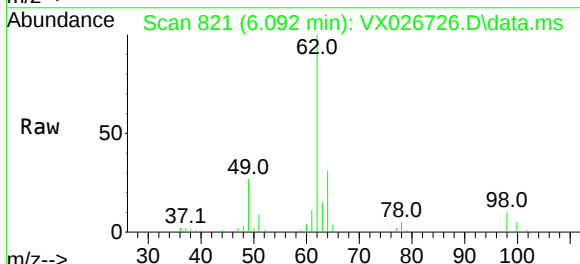
Manual Integrations
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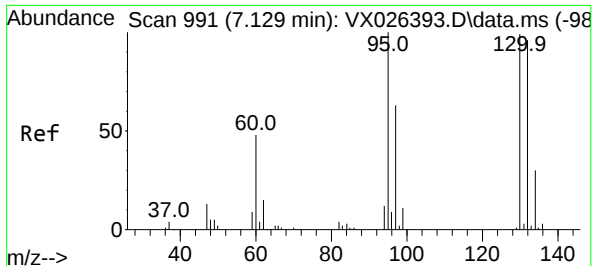
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#36
1,2-Dichloroethane
Concen: 18.662 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

Tgt Ion:	62	Resp:	30675
Ion	Ratio	Lower	Upper
62	100		
98	9.2	6.9	10.3





#37

Trichloroethene

Concen: 21.337 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX026726.D

Acq: 02 Feb 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:130 Resp: 25079

Ion Ratio Lower Upper

130 100

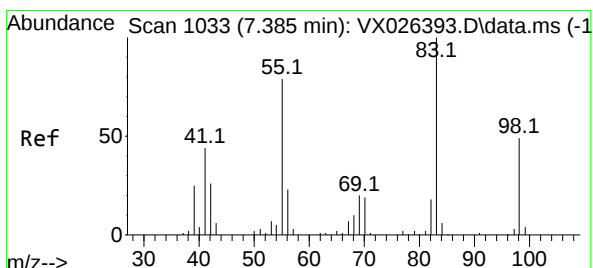
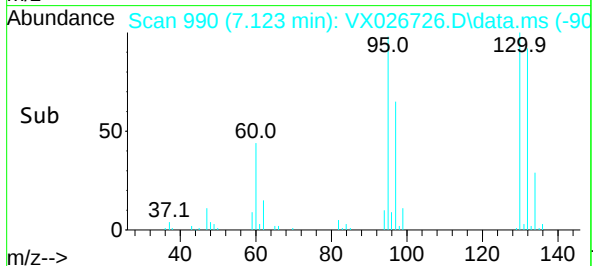
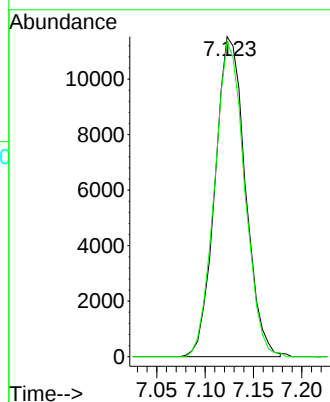
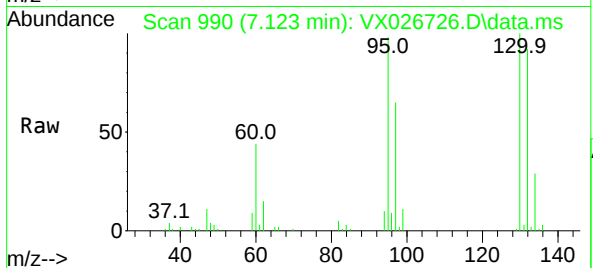
95 98.5 81.0 121.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#38

Methylcyclohexane

Concen: 20.157 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX026726.D

Acq: 02 Feb 2022 10:31

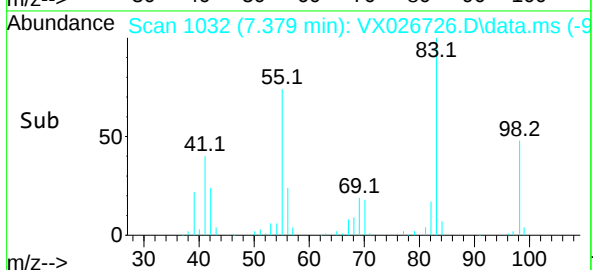
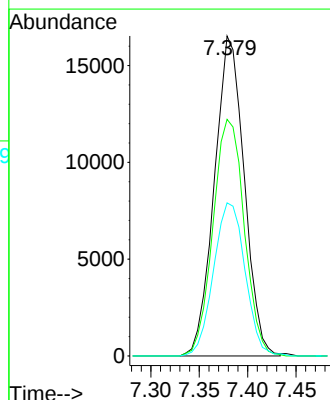
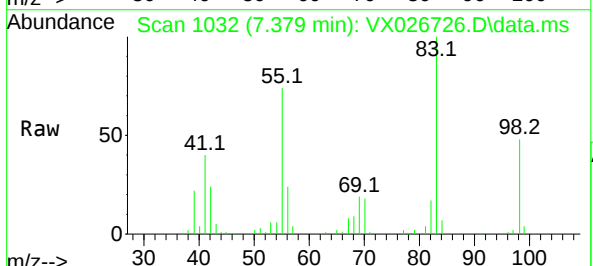
Tgt Ion: 83 Resp: 35455

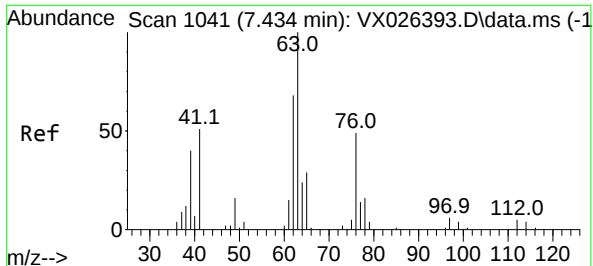
Ion Ratio Lower Upper

83 100

55 77.5 39.9 119.6

98 50.6 24.6 73.6





#39

1,2-Dichloropropane

Concen: 20.325 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX026726.D

Acq: 02 Feb 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 2115

Ion Ratio Lower Upper

63 100

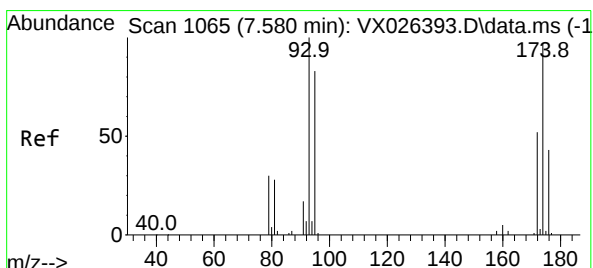
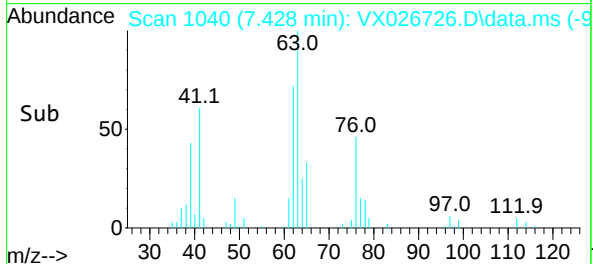
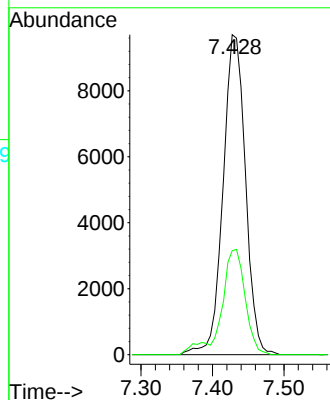
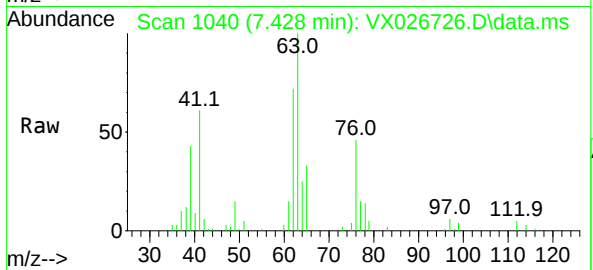
65 32.5 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#40

Dibromomethane

Concen: 20.482 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX026726.D

Acq: 02 Feb 2022 10:31

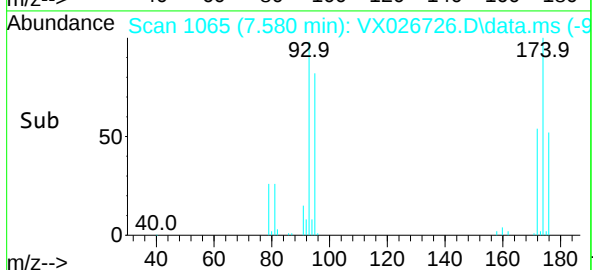
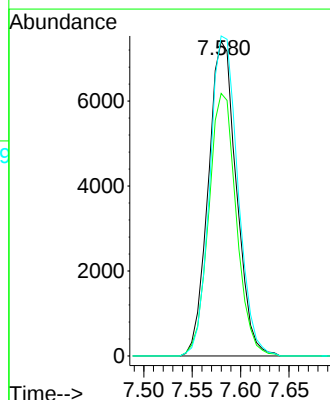
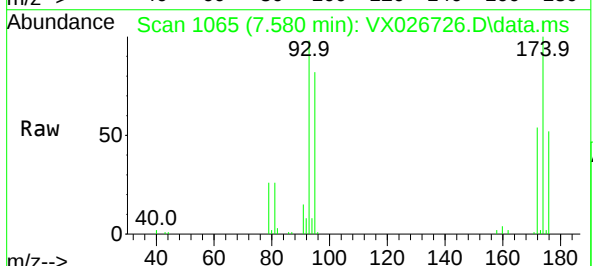
Tgt Ion: 93 Resp: 14974

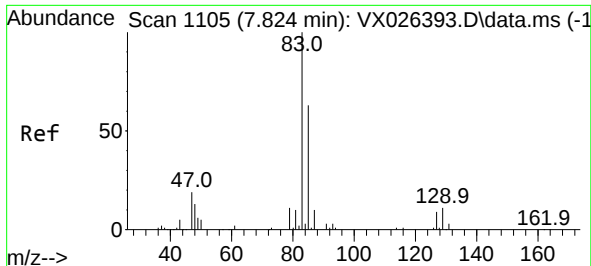
Ion Ratio Lower Upper

93 100

95 81.6 0.0 164.6

174 101.3 0.0 198.0





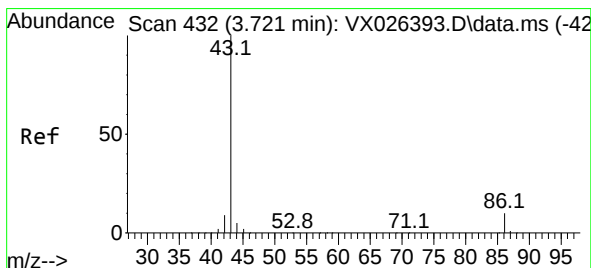
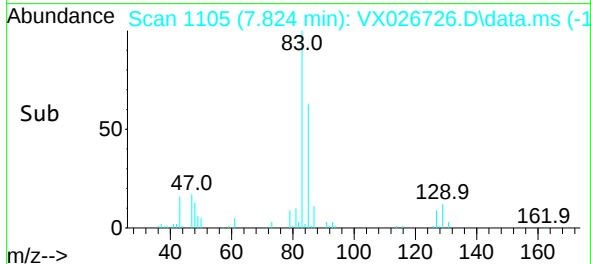
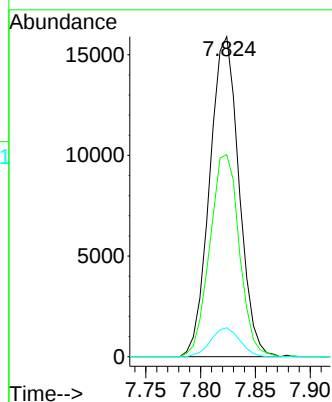
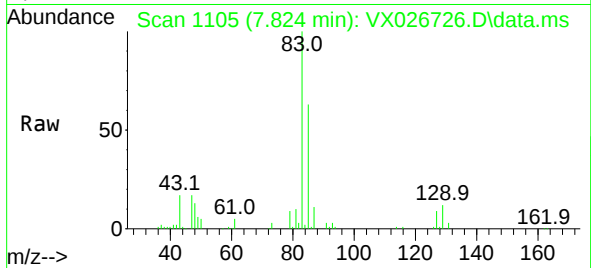
#41
Bromodichloromethane
Concen: 19.543 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 2948
Ion Ratio Lower Upper
83 100
85 63.1 50.6 76.0
127 9.1 7.0 10.6

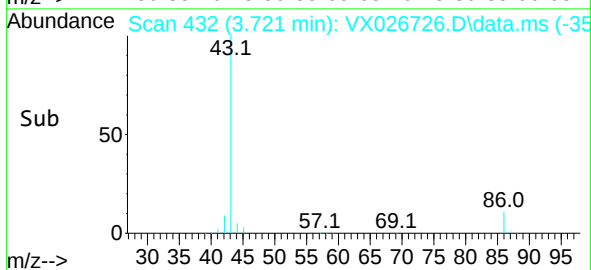
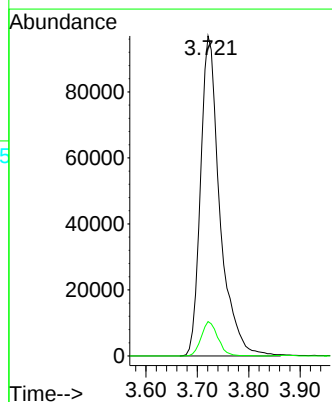
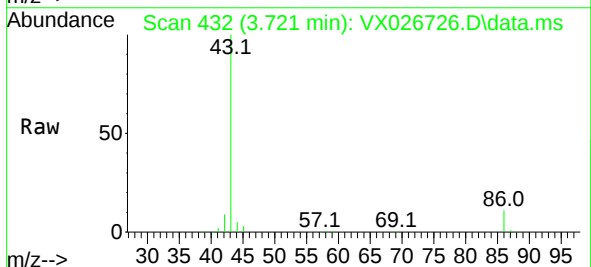
Manual Integrations
APPROVED

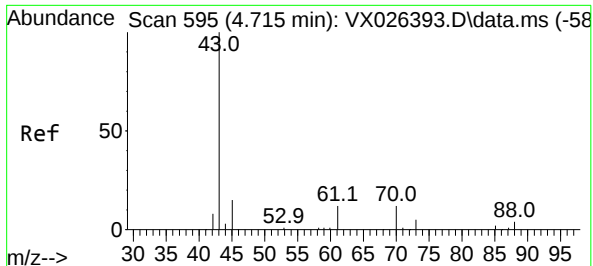
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#42
Vinyl Acetate
Concen: 95.811 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

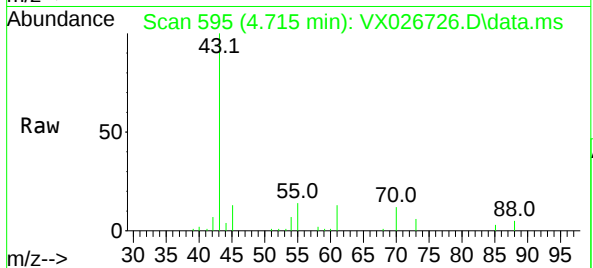
Tgt Ion: 43 Resp: 253023
Ion Ratio Lower Upper
43 100
86 9.3 7.1 10.7





#43
Ethyl Acetate
Concen: 18.124 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

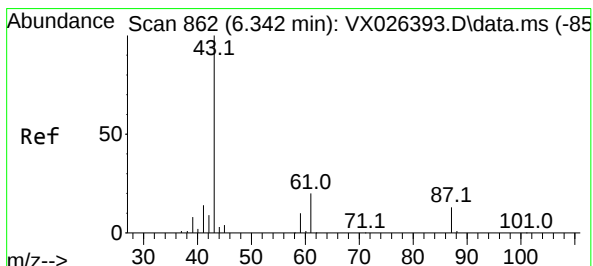
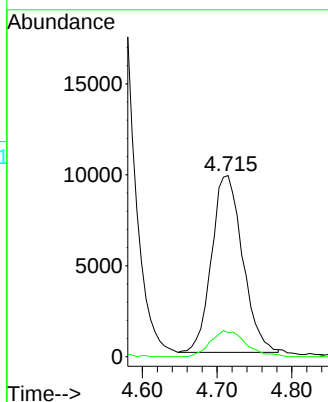
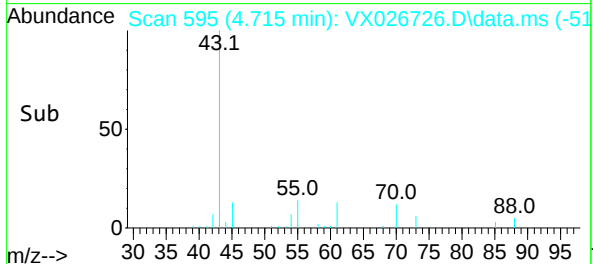
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



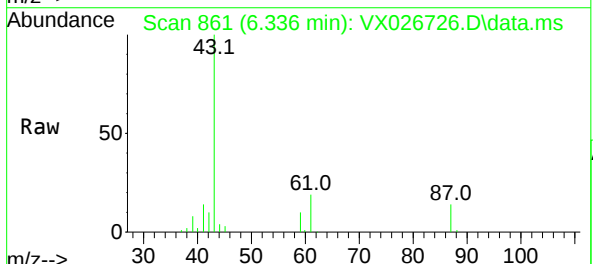
Tgt Ion: 43 Resp: 2808
Ion Ratio Lower Upper
43 100
45 16.7 12.3 18.5

Manual Integrations
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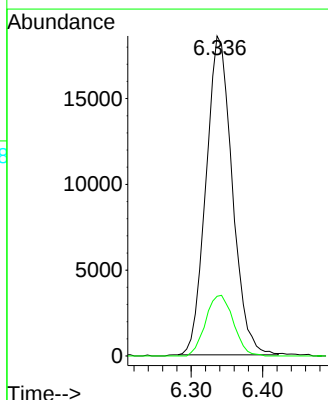
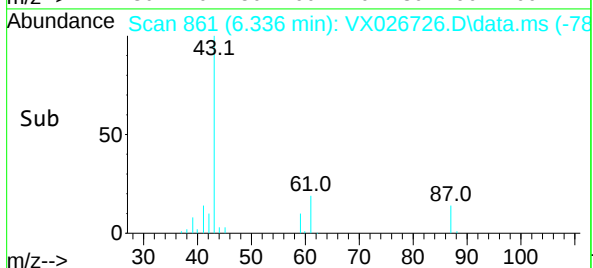
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

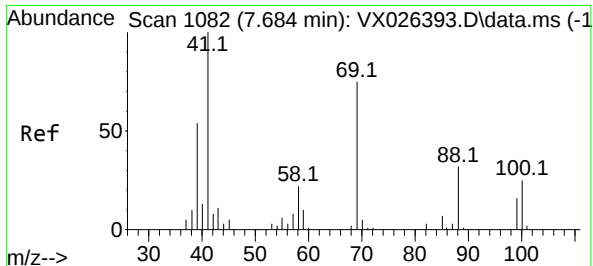


#44
Isopropyl Acetate
Concen: 18.520 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31



Tgt Ion: 43 Resp: 47373
Ion Ratio Lower Upper
43 100
61 20.1 15.4 23.2





#45

1,4-Dioxane

Concen: 396.404 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.006 min

Lab File: VX026726.D

Acq: 02 Feb 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 88 Resp: 785

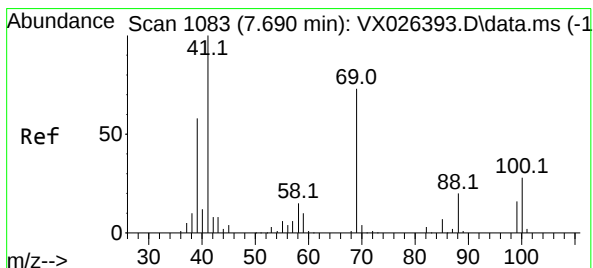
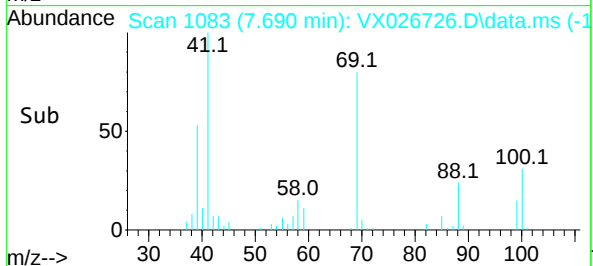
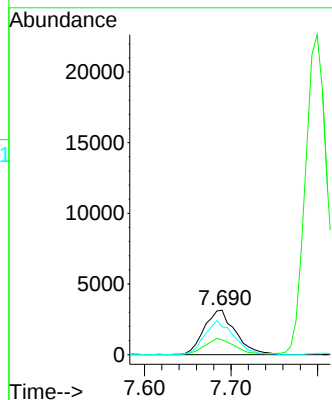
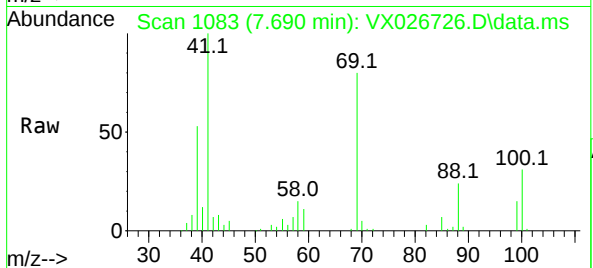
Ion	Ratio	Lower	Upper
88	100		
43	36.3	29.0	43.6
58	71.3	56.2	84.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#46

Methyl methacrylate

Concen: 18.917 ug/l

RT: 7.690 min Scan# 1083

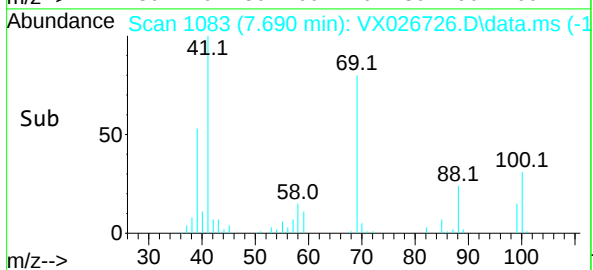
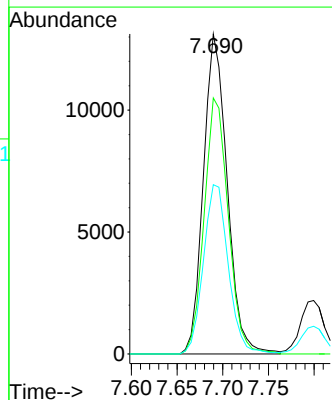
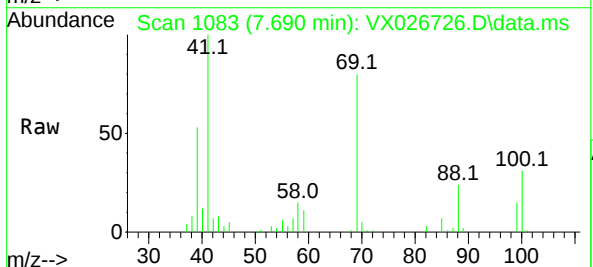
Delta R.T. 0.000 min

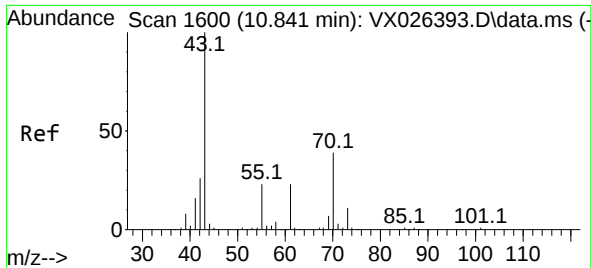
Lab File: VX026726.D

Acq: 02 Feb 2022 10:31

Tgt Ion: 41 Resp: 23735

Ion	Ratio	Lower	Upper
41	100		
69	80.0	36.6	109.9
39	52.9	29.3	87.8





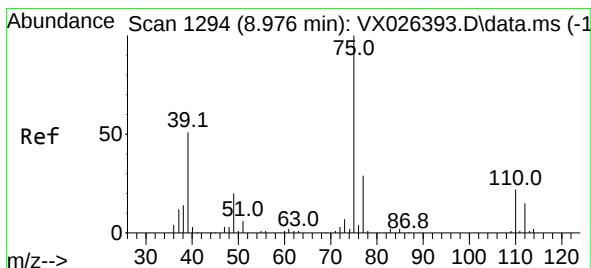
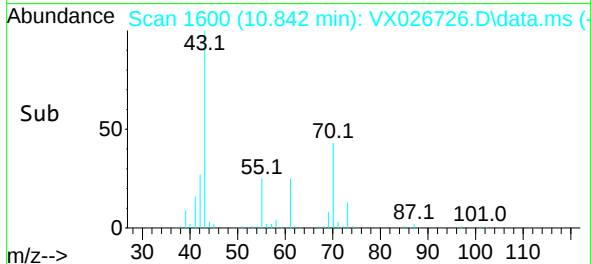
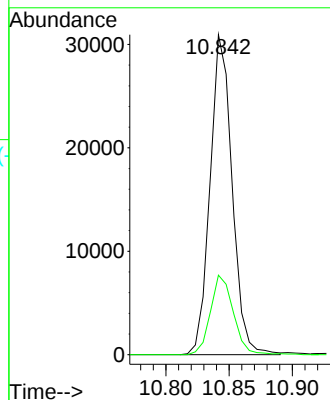
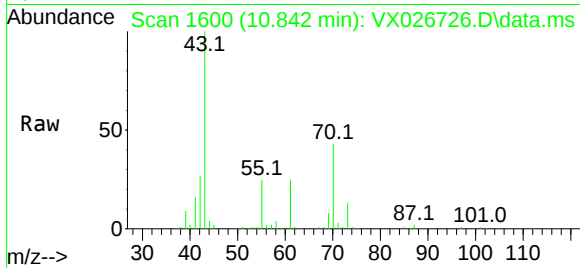
#47
n-amyl acetate
Concen: 19.582 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 3747
Ion Ratio Lower Upper
43 100
55 25.7 18.9 28.3

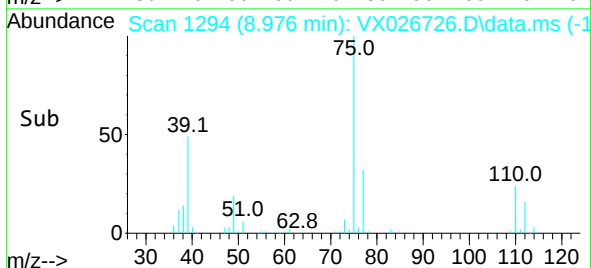
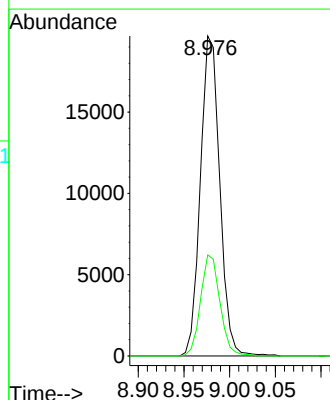
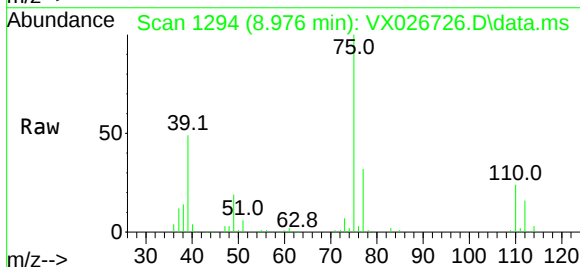
Manual Integrations
APPROVED

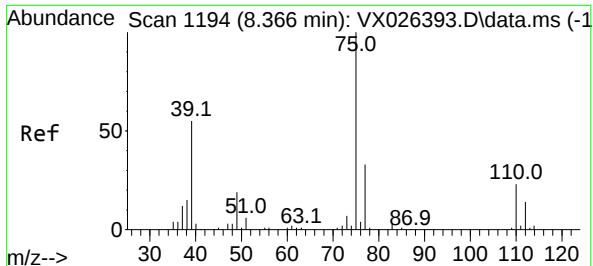
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#48
t-1,3-Dichloropropene
Concen: 19.239 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

Tgt Ion: 75 Resp: 28984
Ion Ratio Lower Upper
75 100
77 31.5 23.4 35.2





#49

cis-1,3-Dichloropropene

Concen: 19.611 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX026726.D

Acq: 02 Feb 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 3266

Ion Ratio Lower Upper

75 100

77 30.1 26.1 39.1

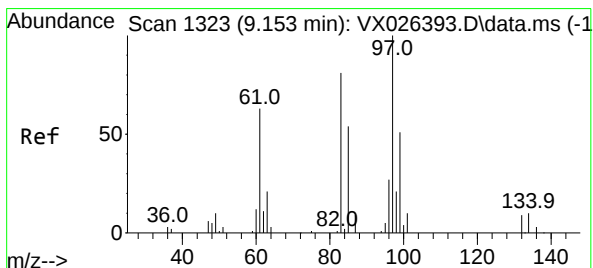
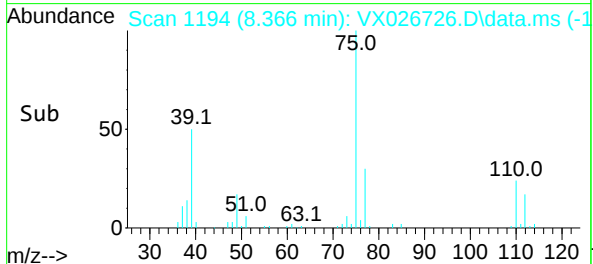
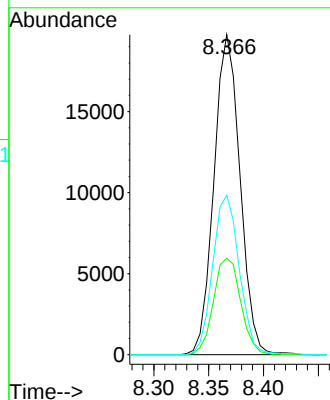
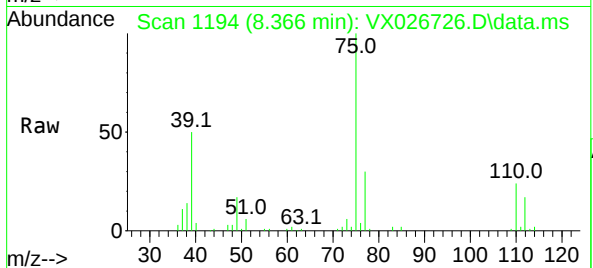
39 49.9 44.1 66.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#50

1,1,2-Trichloroethane

Concen: 21.571 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX026726.D

Acq: 02 Feb 2022 10:31

Tgt Ion: 97 Resp: 21683

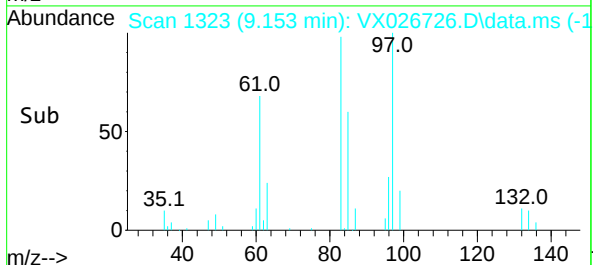
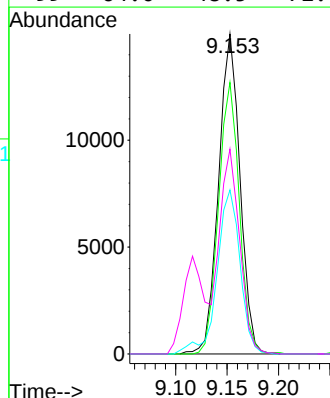
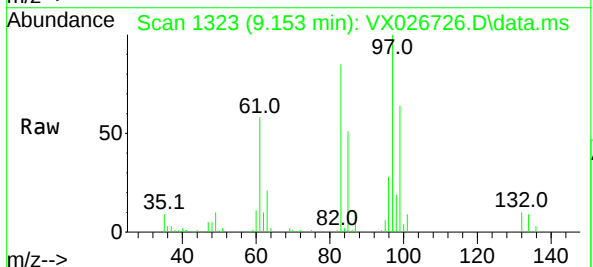
Ion Ratio Lower Upper

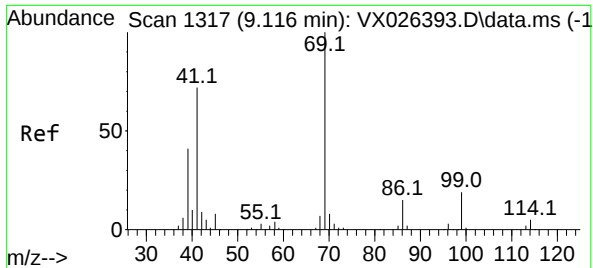
97 100

83 84.8 64.6 96.8

85 51.3 44.1 66.1

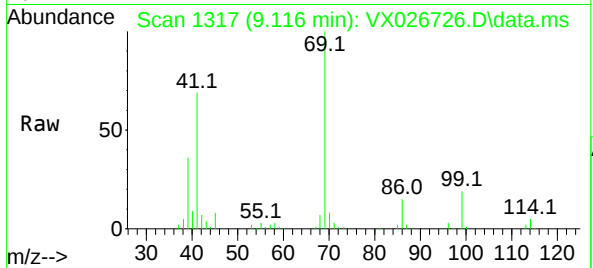
99 64.0 48.5 72.7





#51
Ethyl methacrylate
Concen: 20.095 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

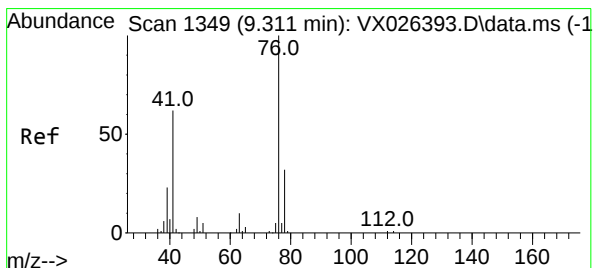
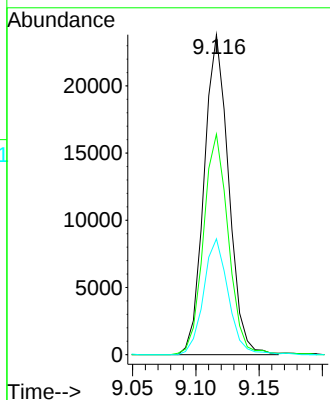
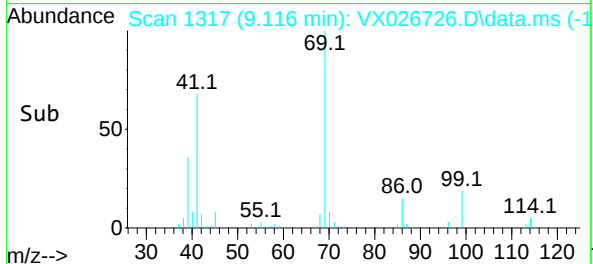
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



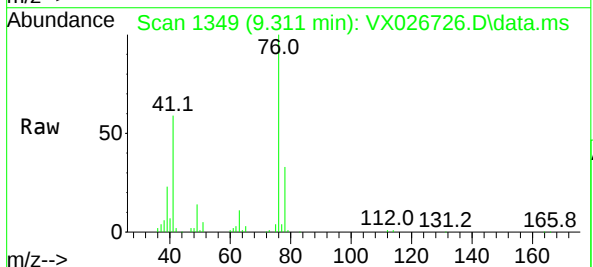
Tgt Ion: 69 Resp: 32200
Ion Ratio Lower Upper
69 100
41 68.5 35.9 107.7
39 36.2 20.3 61.0

Manual Integrations
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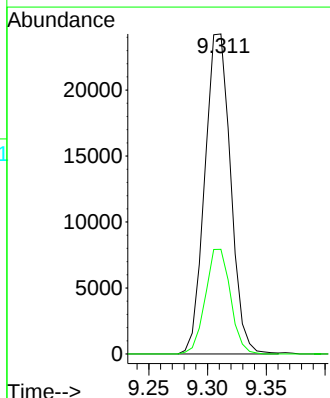
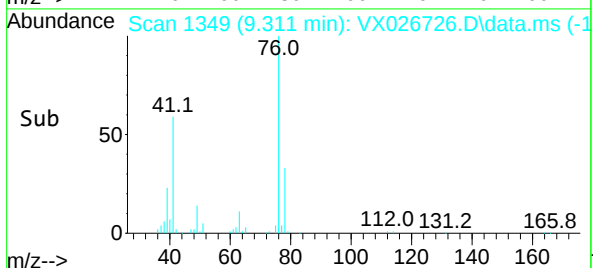
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

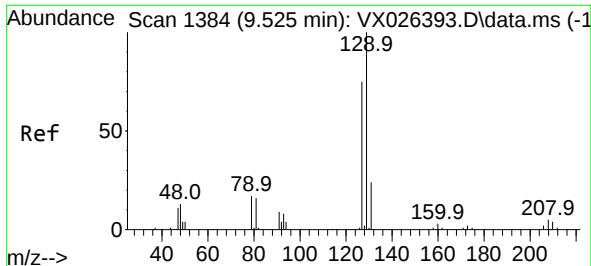


#52
1,3-Dichloropropane
Concen: 21.264 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31



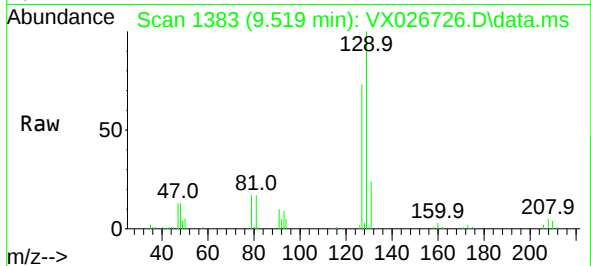
Tgt Ion: 76 Resp: 37041
Ion Ratio Lower Upper
76 100
78 31.7 0.0 65.4





#53
Dibromochloromethane
Concen: 20.431 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

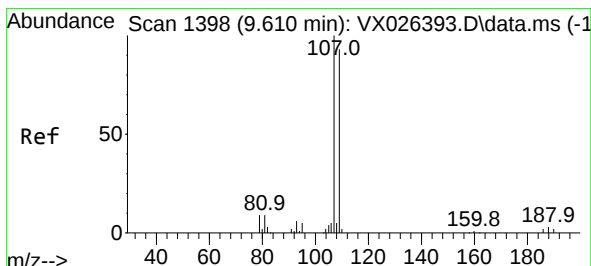
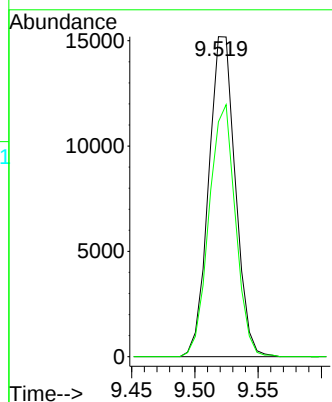
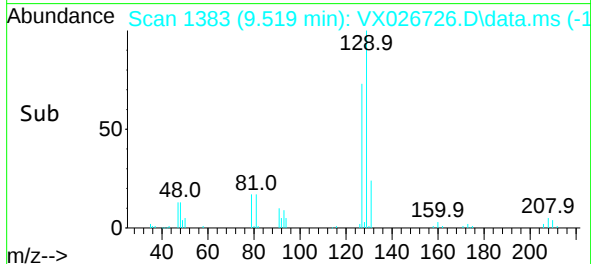
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



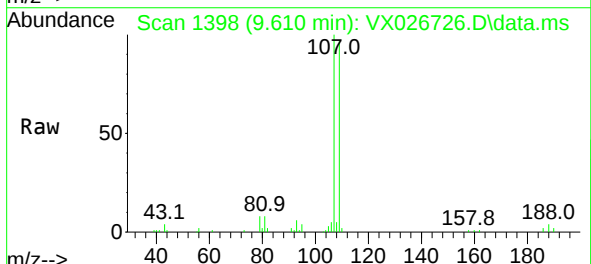
Tgt Ion:129 Resp: 2232
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.9

Manual Integrations
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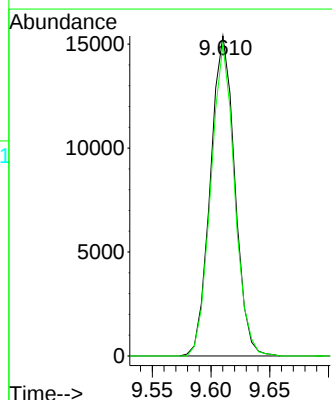
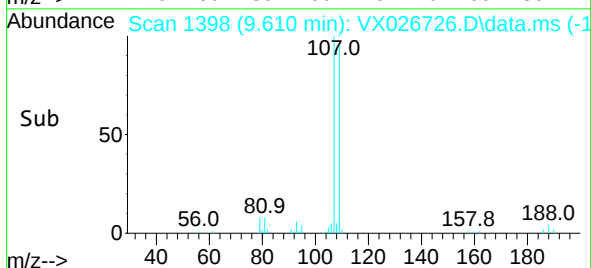
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

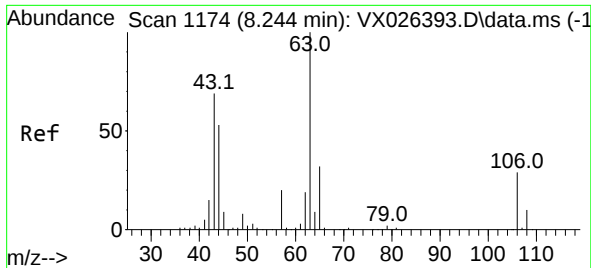


#54
1,2-Dibromoethane
Concen: 20.873 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31



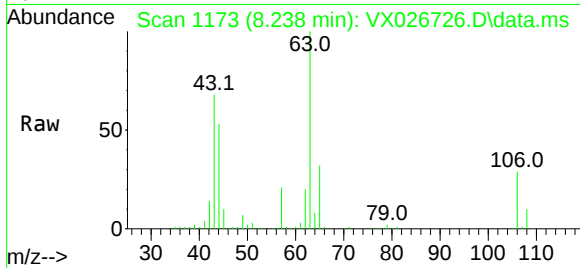
Tgt Ion:107 Resp: 22251
Ion Ratio Lower Upper
107 100
109 94.7 75.1 112.7





#55
2-Chloroethyl vinyl ether
Concen: 105.493 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

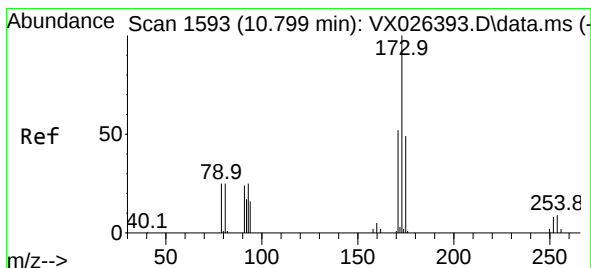
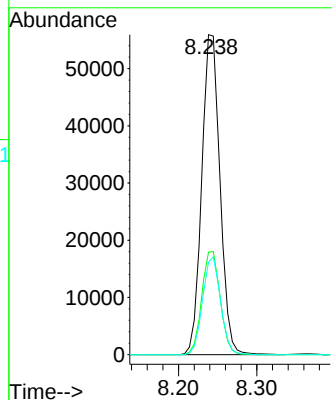
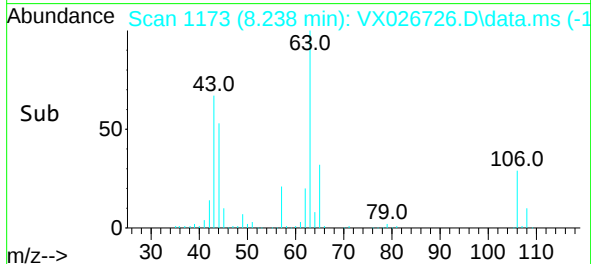
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 9044
Ion Ratio Lower Upper
63 100
65 32.6 25.4 38.2
106 30.0 23.1 34.7

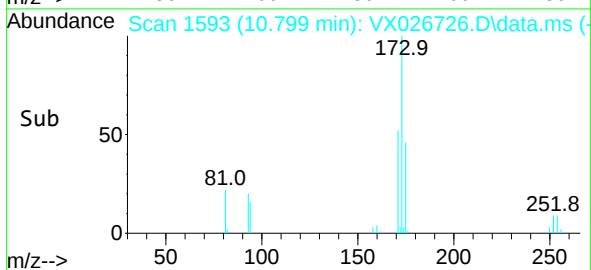
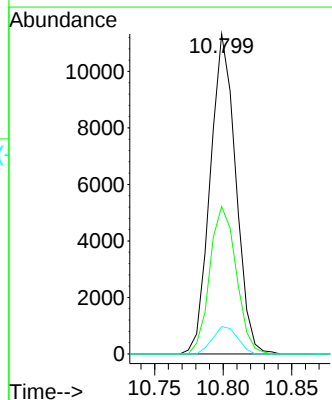
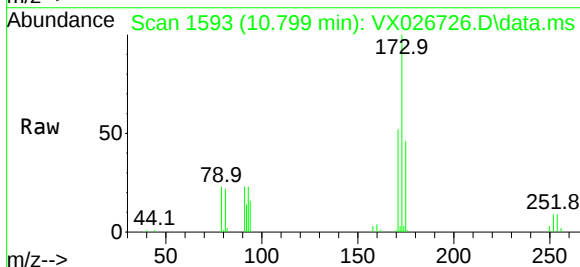
Manual Integrations
APPROVED

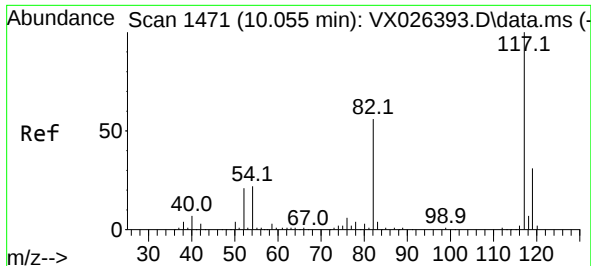
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#56
Bromoform
Concen: 20.189 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

Tgt Ion:173 Resp: 14642
Ion Ratio Lower Upper
173 100
175 47.7 38.0 57.0
254 8.4 6.6 10.0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX026726.D

Acq: 02 Feb 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 117 Resp: 8472

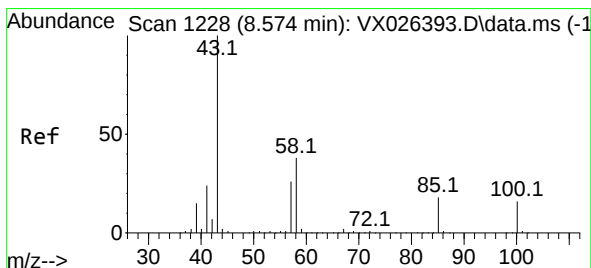
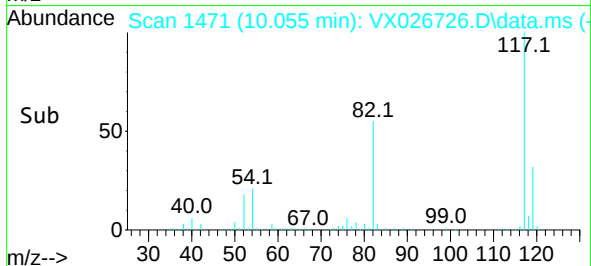
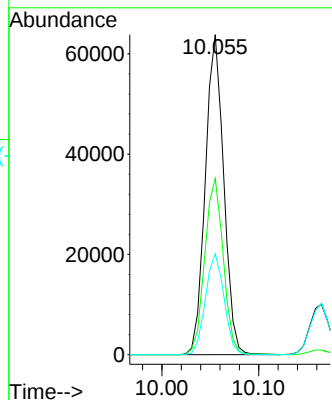
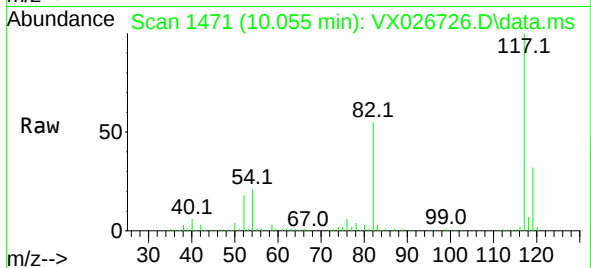
Ion	Ratio	Lower	Upper
117	100		
82	55.4	46.2	69.4
119	32.0	25.4	38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#58

4-Methyl-2-Pentanone

Concen: 97.635 ug/l

RT: 8.574 min Scan# 1228

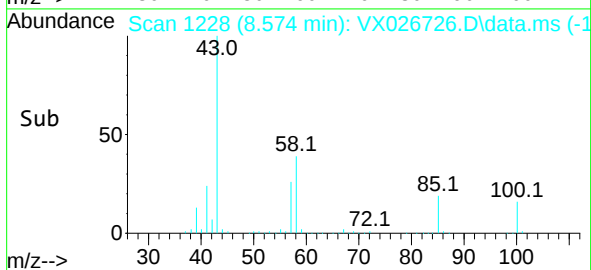
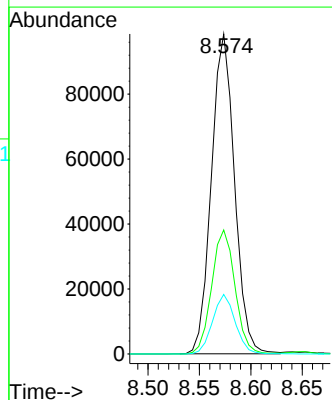
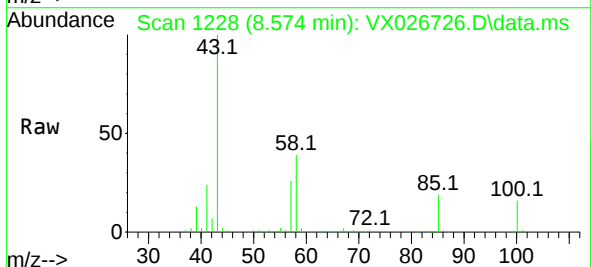
Delta R.T. 0.000 min

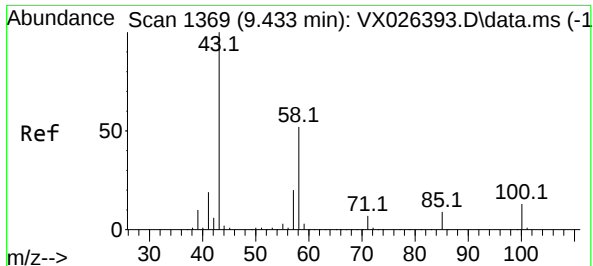
Lab File: VX026726.D

Acq: 02 Feb 2022 10:31

Tgt Ion: 43 Resp: 154290

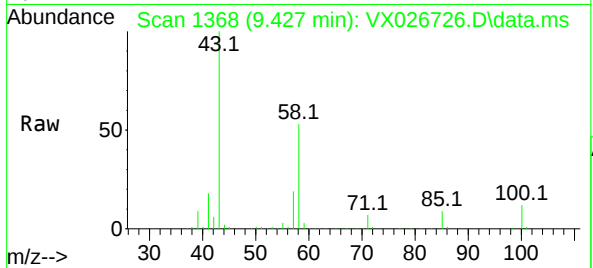
Ion	Ratio	Lower	Upper
43	100		
58	39.1	30.2	45.4
85	18.2	14.1	21.1





#59
2-Hexanone
Concen: 101.931 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

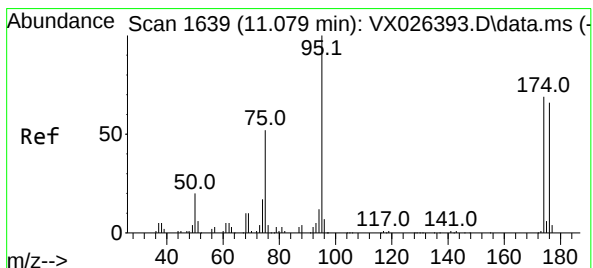
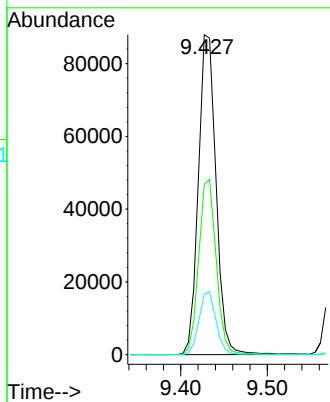
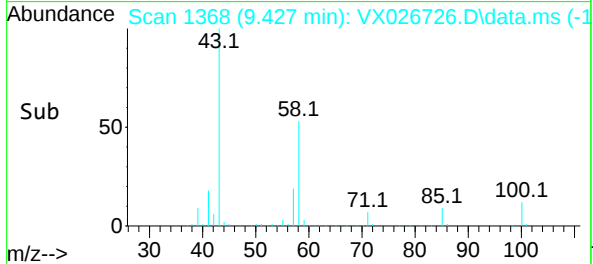
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



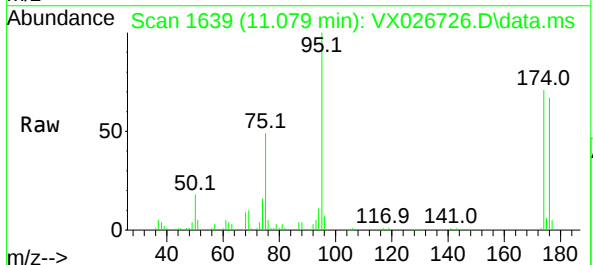
Tgt Ion: 43 Resp: 124725
Ion Ratio Lower Upper
43 100
58 54.3 42.0 63.0
57 19.1 15.2 22.8

Manual Integrations
APPROVED

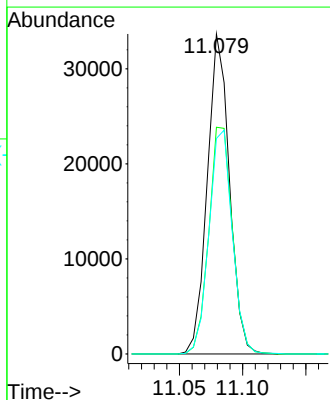
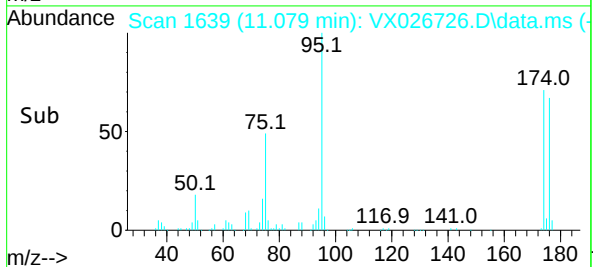
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

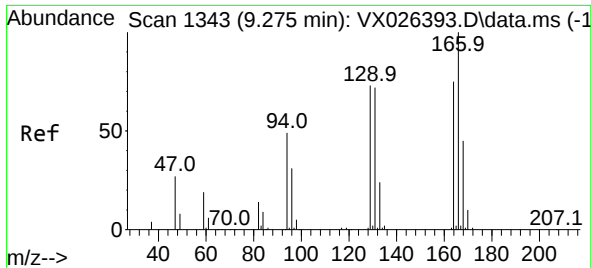


#60
4-Bromofluorobenzene
Concen: 28.983 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31



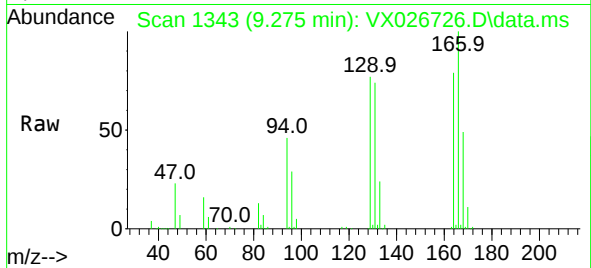
Tgt Ion: 95 Resp: 40980
Ion Ratio Lower Upper
95 100
174 75.4 58.0 87.0
176 73.8 56.5 84.7





#61
Tetrachloroethene
Concen: 22.439 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

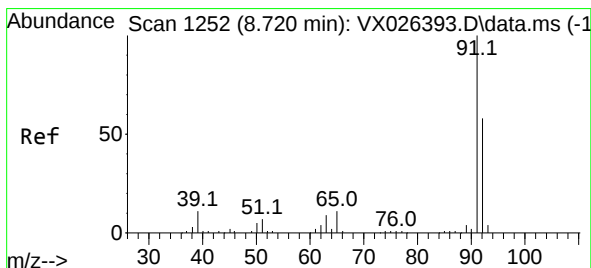
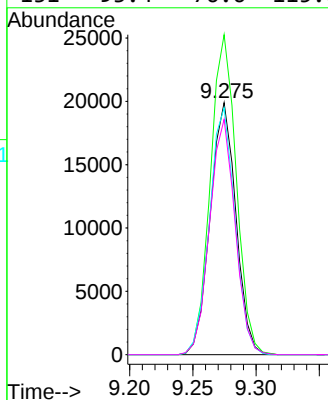
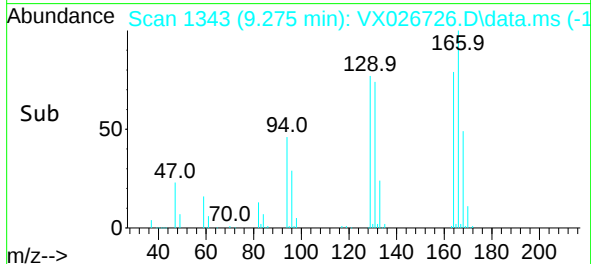
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



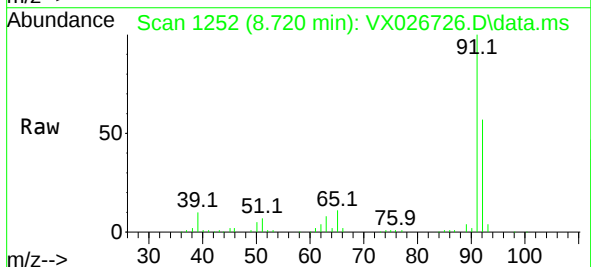
Tgt Ion:164 Resp: 28019
Ion Ratio Lower Upper
164 100
166 127.0 107.0 160.4
129 98.0 77.6 116.4
131 93.4 76.6 115.0

Manual Integrations
APPROVED

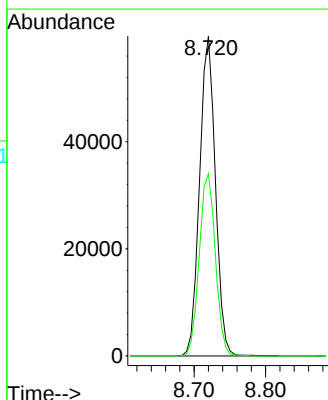
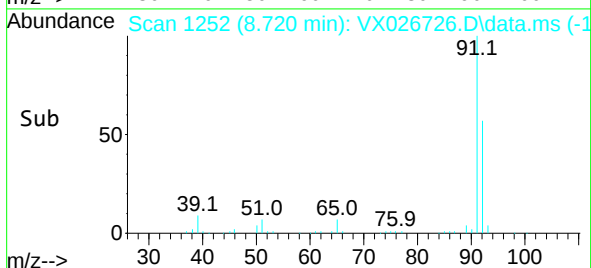
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

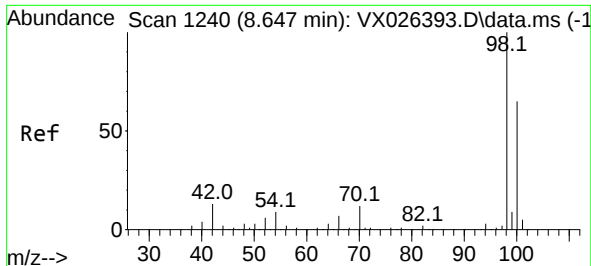


#62
Toluene
Concen: 20.286 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31



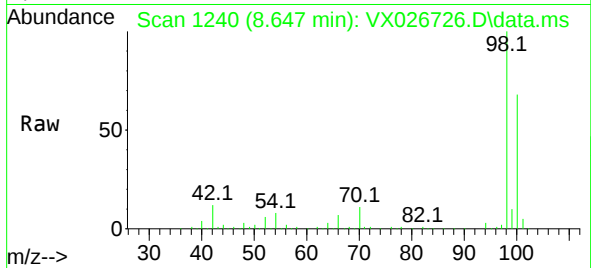
Tgt Ion: 91 Resp: 91752
Ion Ratio Lower Upper
91 100
92 58.1 47.2 70.8





#63
Toluene-d8
Concen: 29.089 ug/l
RT: 8.647 min Scan# 113214
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

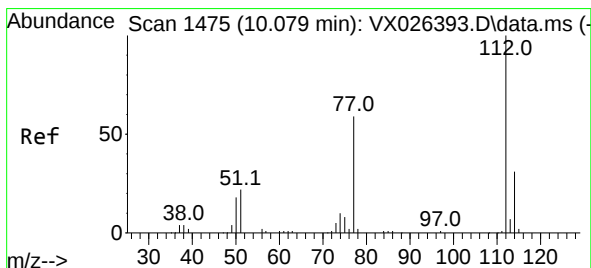
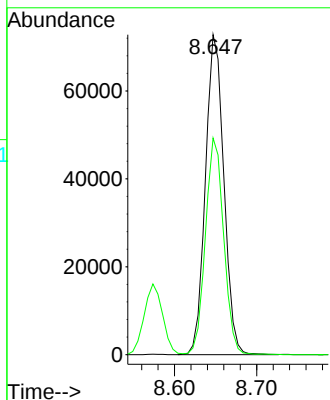
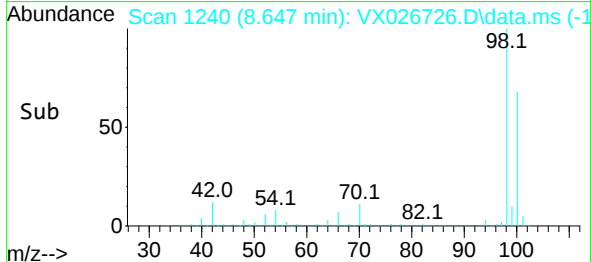
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



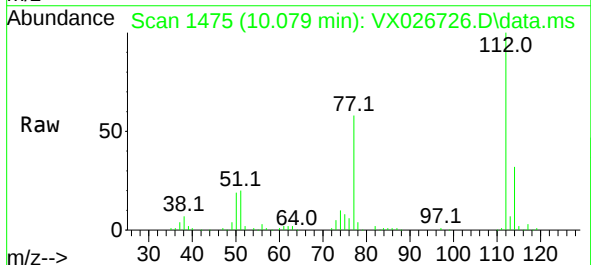
Tgt Ion: 98 Resp: 113214
Ion Ratio Lower Upper
98 100
100 67.2 52.5 78.7

Manual Integrations
APPROVED

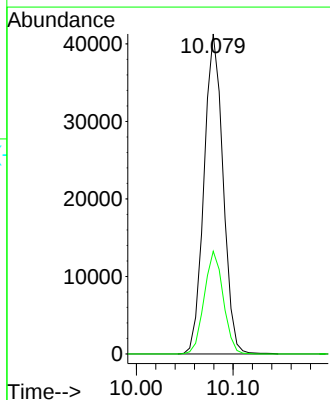
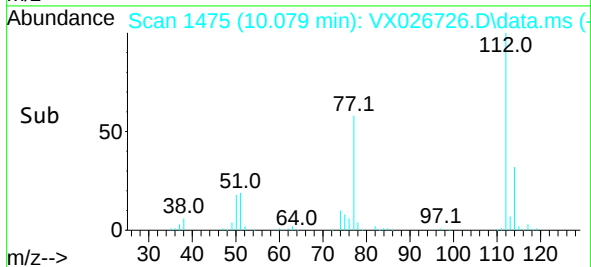
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

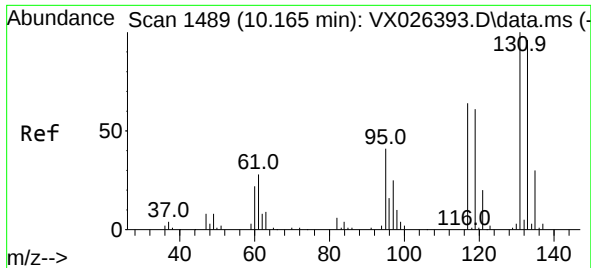


#64
Chlorobenzene
Concen: 20.616 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31



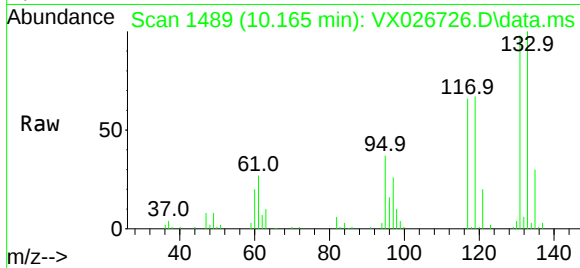
Tgt Ion:112 Resp: 56611
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4





#65
1,1,1,2-Tetrachloroethane
Concen: 20.001 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

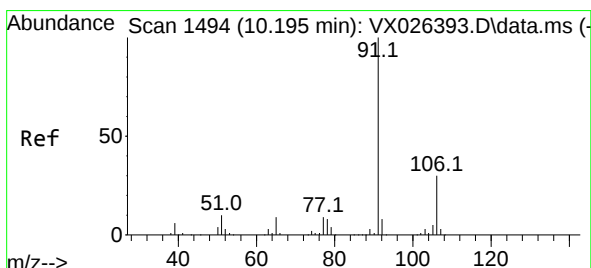
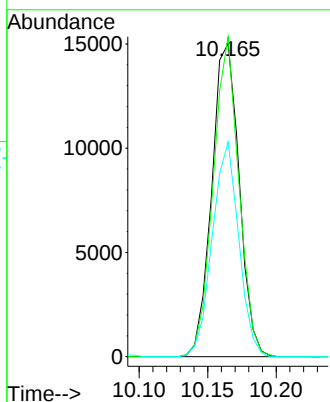
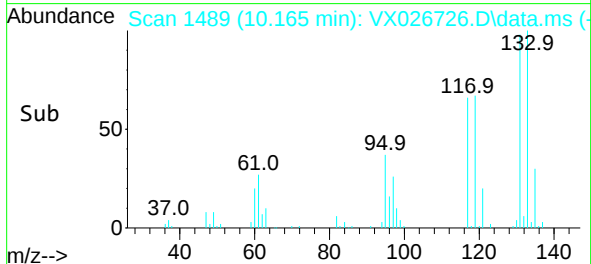
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:131 Resp: 20914
Ion Ratio Lower Upper
131 100
133 95.5 0.0 191.4
119 66.0 0.0 125.4

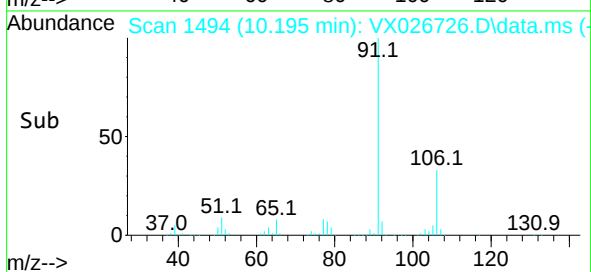
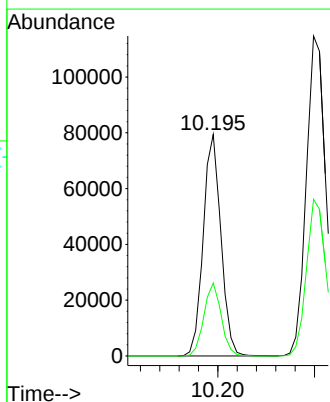
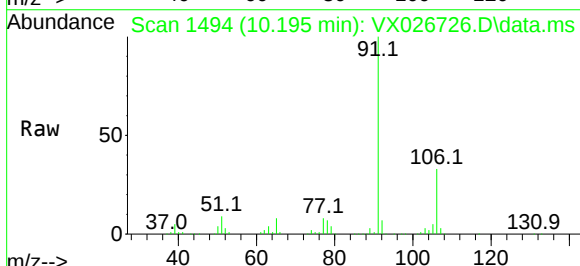
Manual Integrations
APPROVED

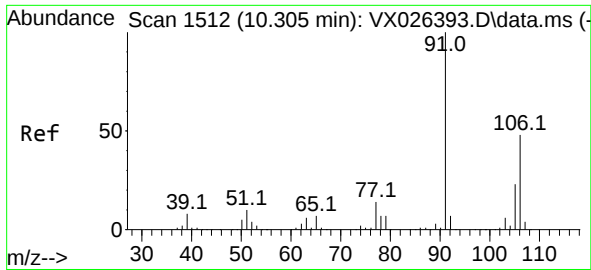
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#66
Ethyl Benzene
Concen: 19.947 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

Tgt Ion: 91 Resp: 100950
Ion Ratio Lower Upper
91 100
106 33.0 24.4 36.6





#67

m/p-Xylenes

Concen: 41.226 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX026726.D

Acq: 02 Feb 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:106 Resp: 7751

Ion Ratio Lower Upper

106 100

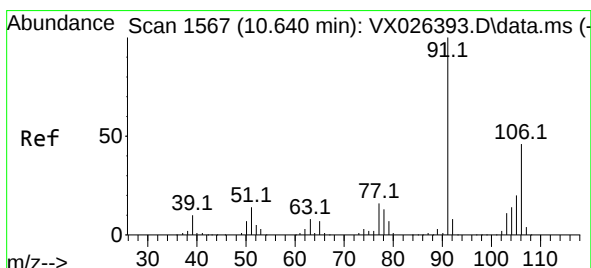
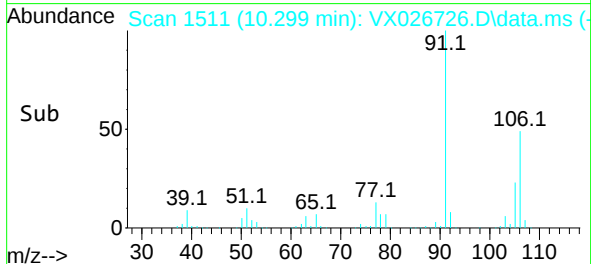
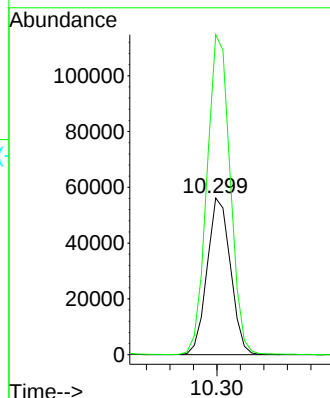
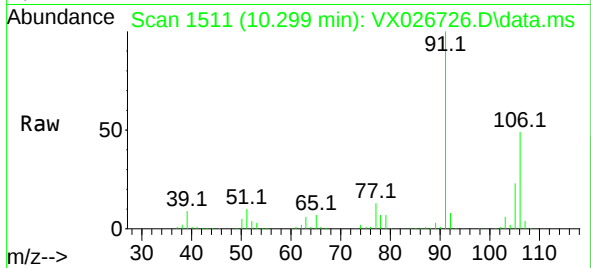
91 203.7 167.2 250.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#68

o-Xylene

Concen: 20.909 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX026726.D

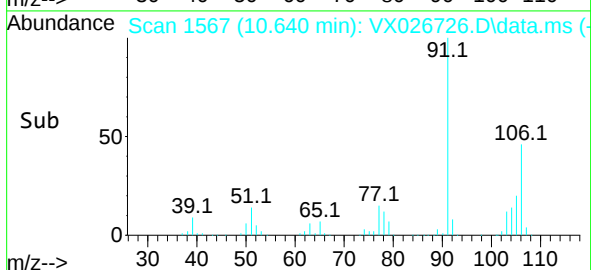
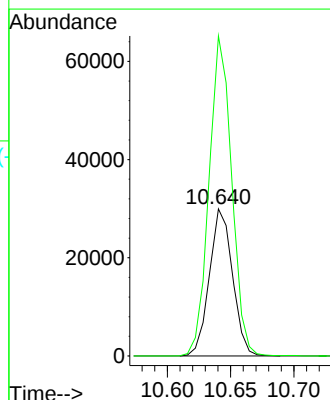
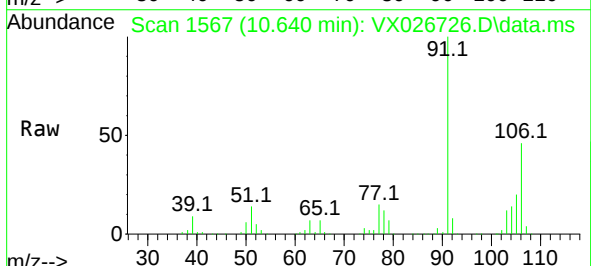
Acq: 02 Feb 2022 10:31

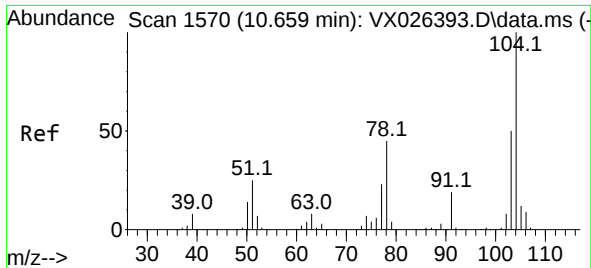
Tgt Ion:106 Resp: 38129

Ion Ratio Lower Upper

106 100

91 213.2 108.7 326.3





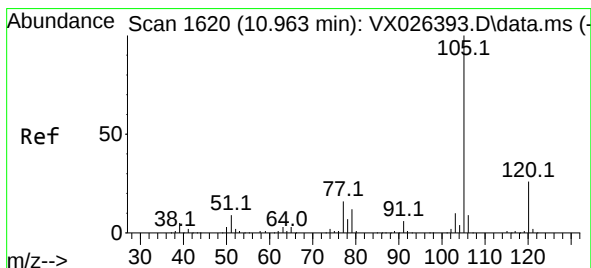
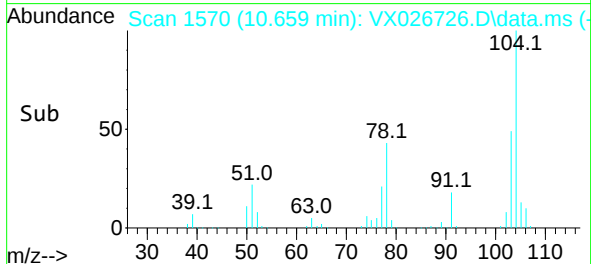
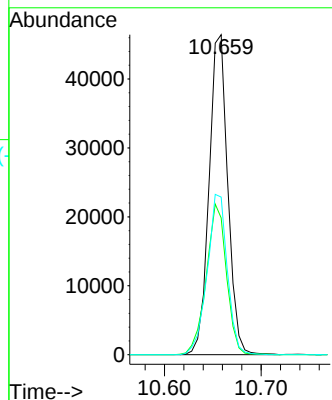
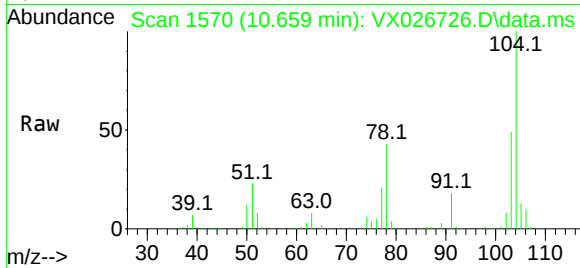
#69
Styrene
Concen: 20.615 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 62480
Ion Ratio Lower Upper
104 100
78 50.9 43.3 64.9
103 53.9 44.6 67.0

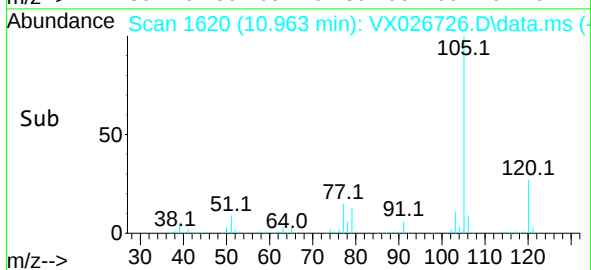
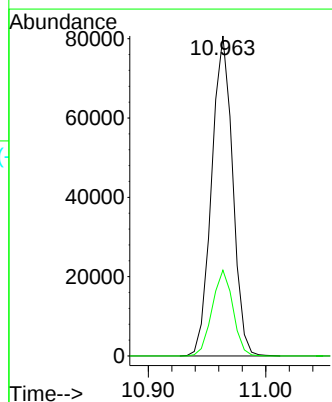
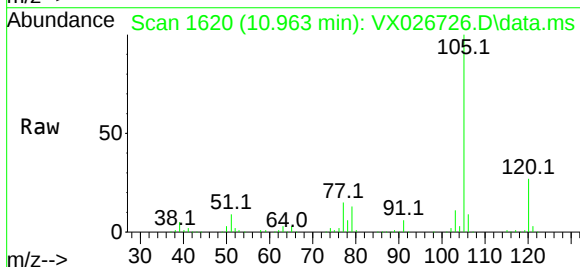
Manual Integrations
APPROVED

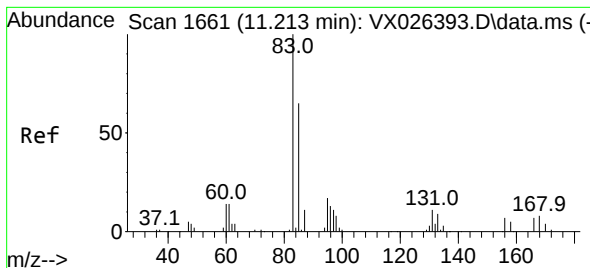
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#70
Isopropylbenzene
Concen: 20.524 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

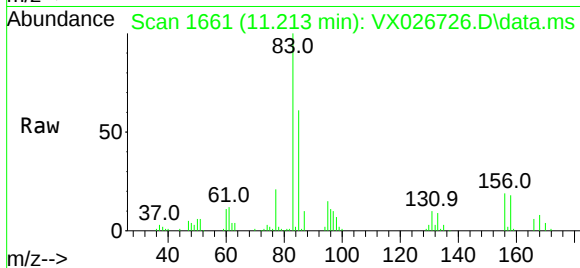
Tgt Ion:105 Resp: 100415
Ion Ratio Lower Upper
105 100
120 26.4 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 18.733 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

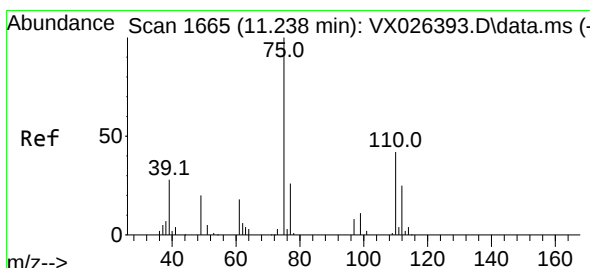
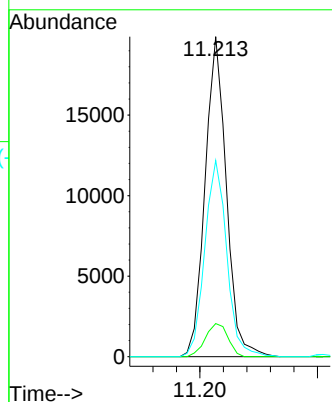
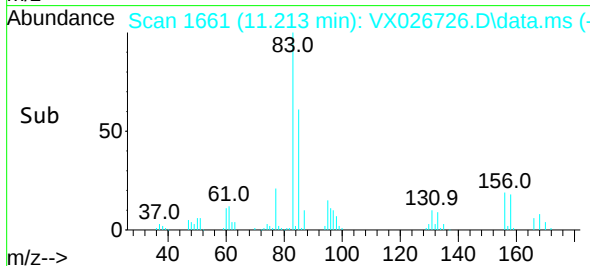
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



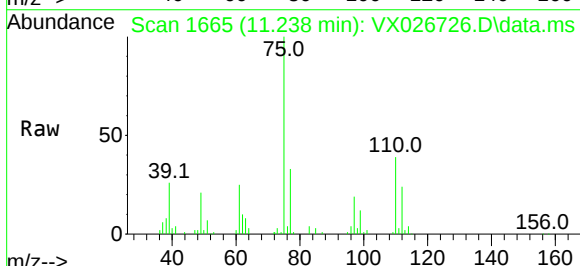
Tgt Ion: 83 Resp: 2497
Ion Ratio Lower Upper
83 100
131 11.0 5.3 16.1
85 63.5 32.3 96.9

Manual Integrations
APPROVED

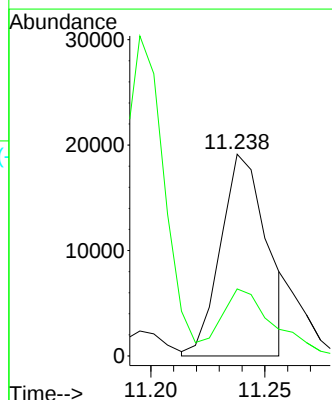
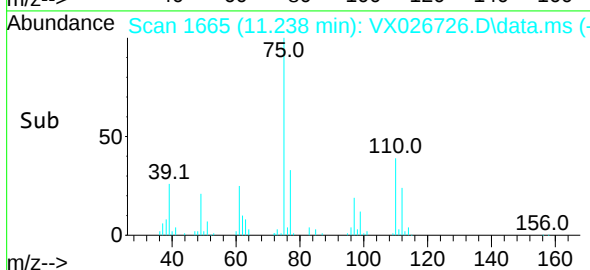
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

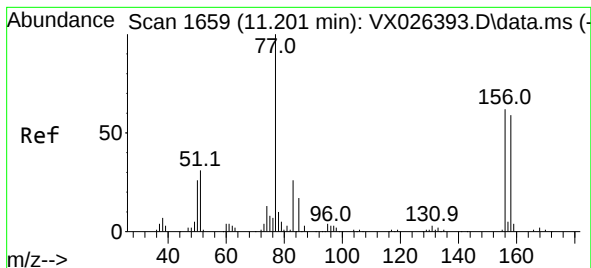


#72
1,2,3-Trichloropropane
Concen: 19.923 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31



Tgt Ion: 75 Resp: 26940
Ion Ratio Lower Upper
75 100
77 38.3 0.0 76.2





#73

Bromobenzene

Concen: 20.666 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX026726.D

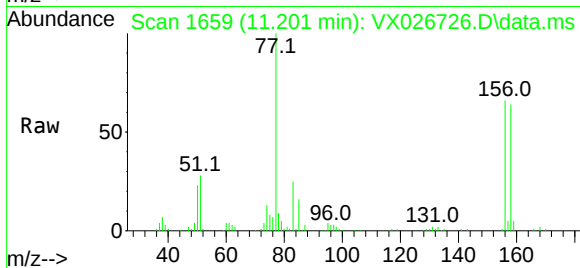
Acq: 02 Feb 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



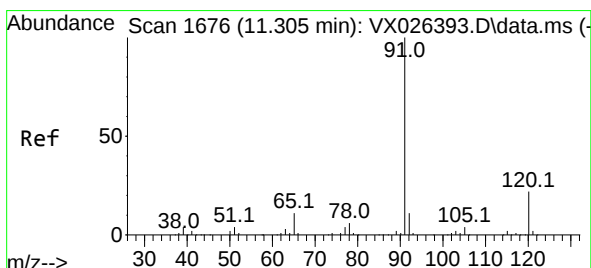
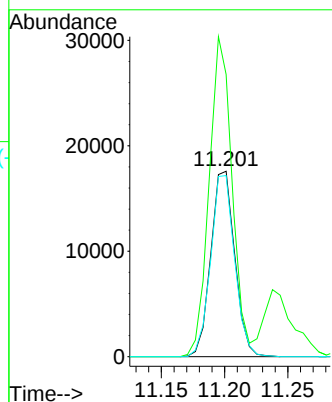
Tgt Ion:	156	Resp:	2314
Ion Ratio	Lower	Upper	
156	100		
77	164.9	0.0	342.6
158	97.8	0.0	190.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#74

n-propylbenzene

Concen: 20.467 ug/l

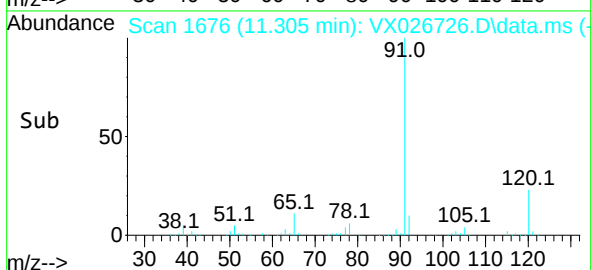
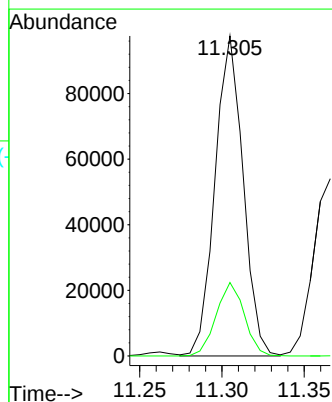
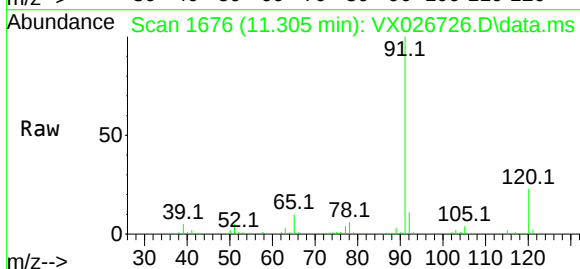
RT: 11.305 min Scan# 1676

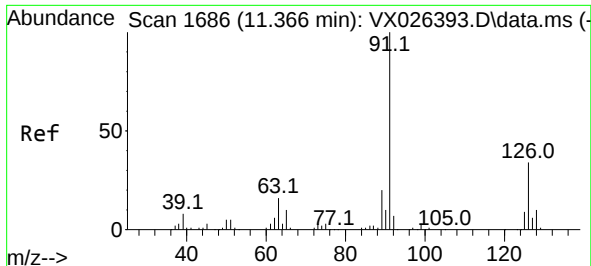
Delta R.T. 0.000 min

Lab File: VX026726.D

Acq: 02 Feb 2022 10:31

Tgt Ion:	91	Resp:	115666
Ion Ratio	Lower	Upper	
91	100		
120	23.0	0.0	45.8





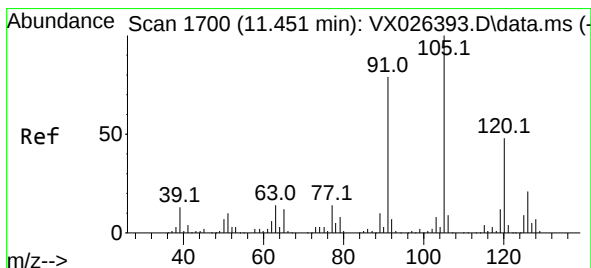
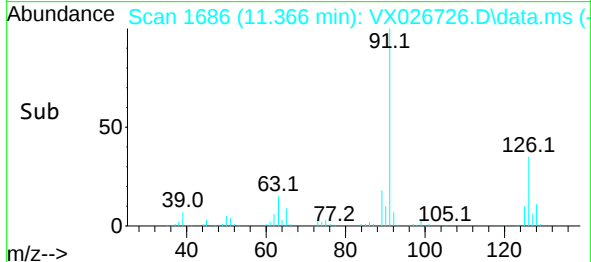
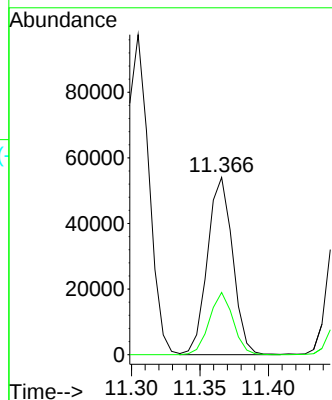
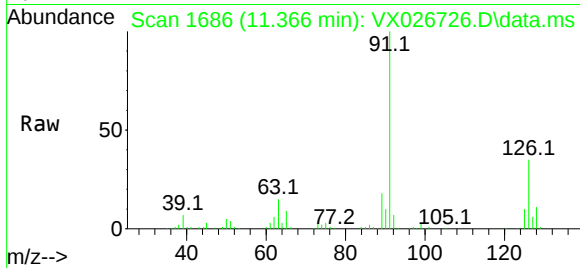
#75
2-Chlorotoluene
Concen: 20.365 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 69138
Ion Ratio Lower Upper
91 100
126 33.0 0.0 66.0

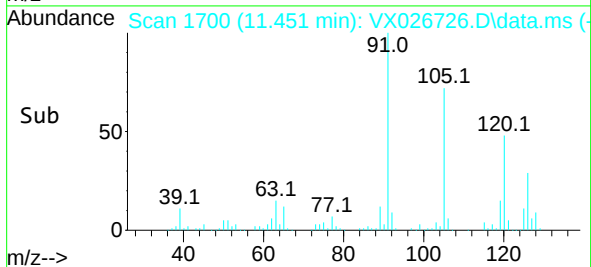
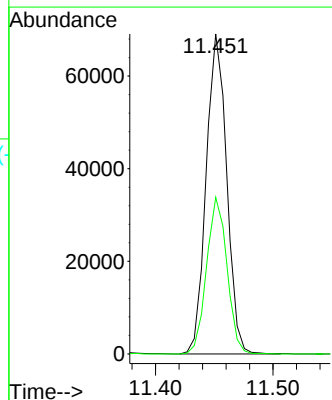
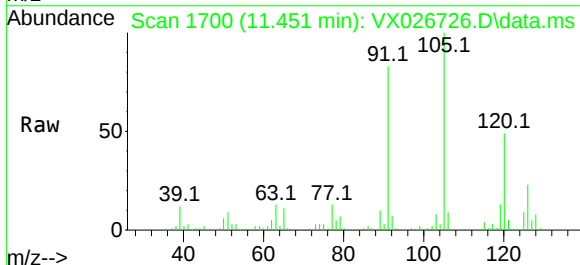
Manual Integrations
APPROVED

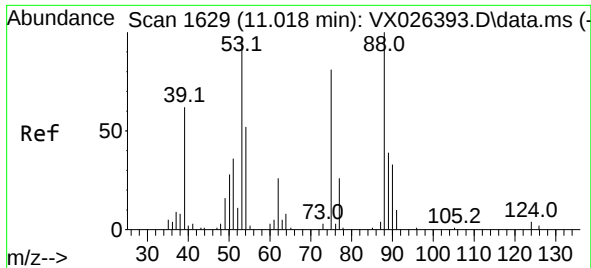
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#76
1,3,5-Trimethylbenzene
Concen: 20.511 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

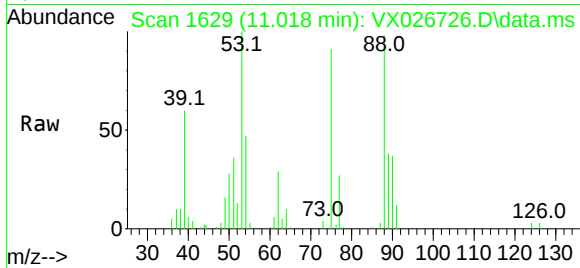
Tgt Ion:105 Resp: 83825
Ion Ratio Lower Upper
105 100
120 48.7 0.0 95.6





#77
t-1,4-Dichloro-2-butene
Concen: 18.575 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

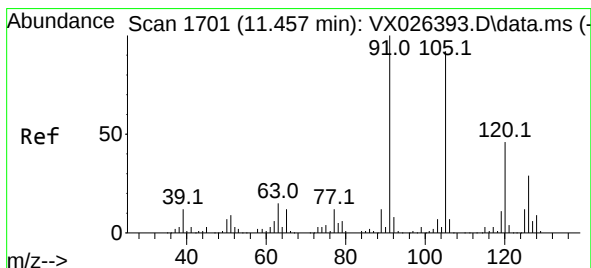
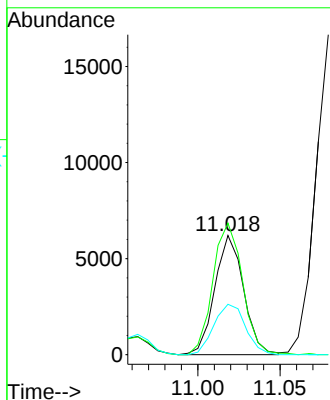
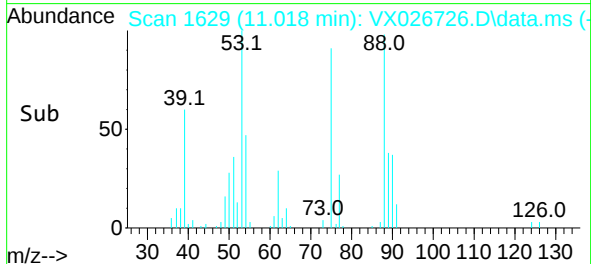
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



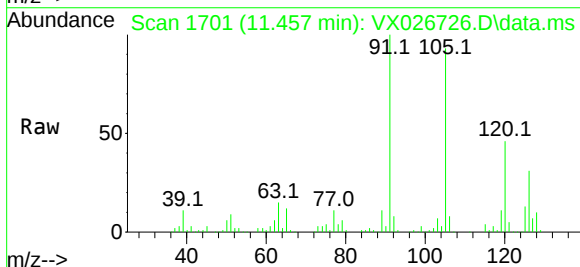
Tgt Ion: 75 Resp: 7554
Ion Ratio Lower Upper
75 100
53 110.3 59.0 176.8
89 42.3 24.0 72.0

Manual Integrations
APPROVED

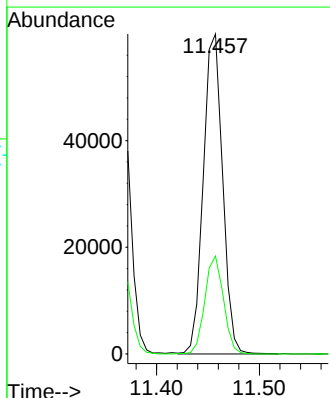
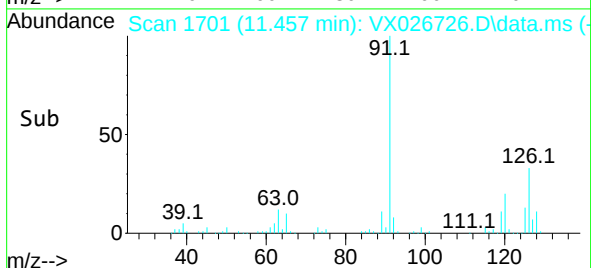
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

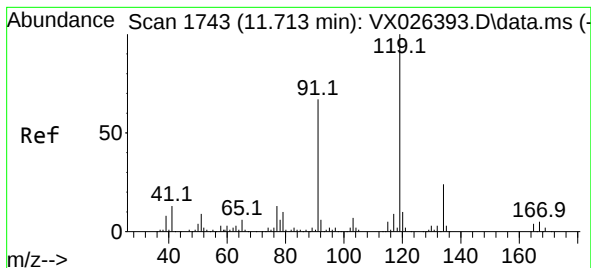


#78
4-Chlorotoluene
Concen: 20.263 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31



Tgt Ion: 91 Resp: 78427
Ion Ratio Lower Upper
91 100
126 29.4 0.0 56.2





#79

tert-butylbenzene

Concen: 19.955 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX026726.D

Acq: 02 Feb 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:119 Resp: 7548

Ion Ratio Lower Upper

119 100

91 63.8 0.0 129.0

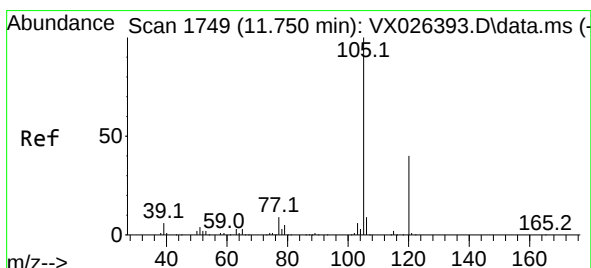
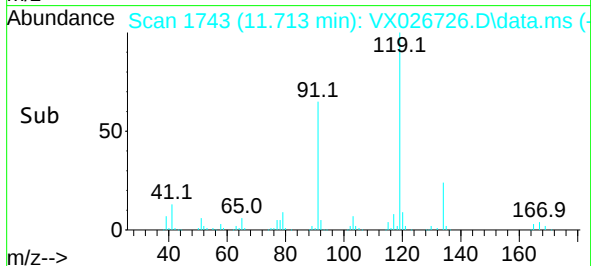
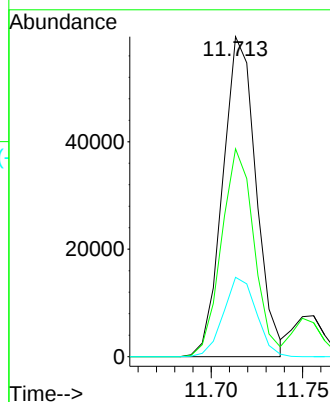
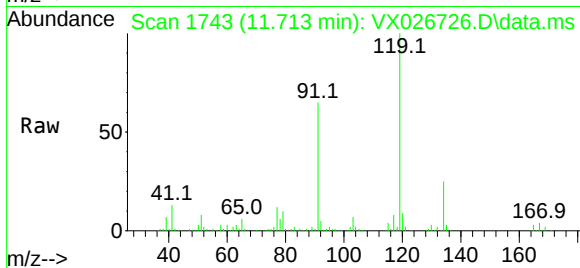
134 24.5 0.0 47.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#80

1,2,4-Trimethylbenzene

Concen: 20.470 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX026726.D

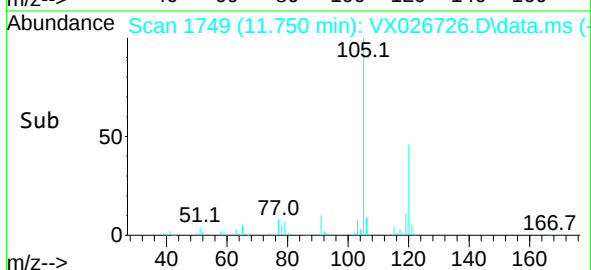
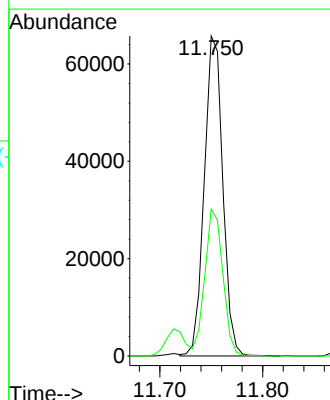
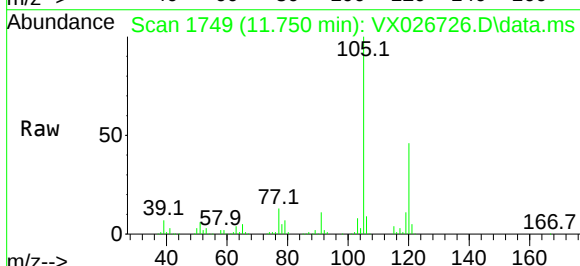
Acq: 02 Feb 2022 10:31

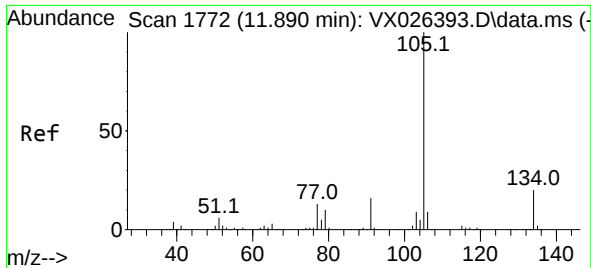
Tgt Ion:105 Resp: 82635

Ion Ratio Lower Upper

105 100

120 44.6 0.0 88.4





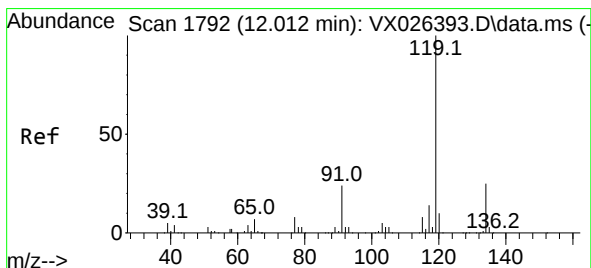
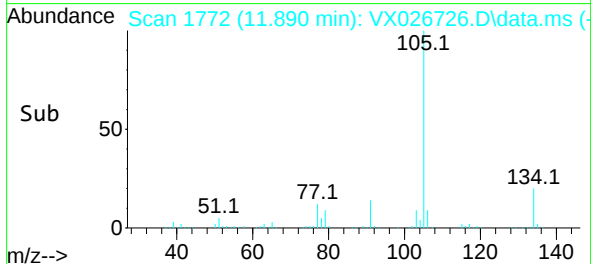
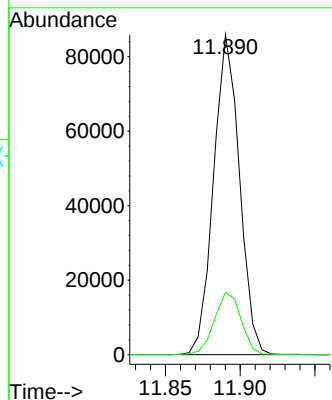
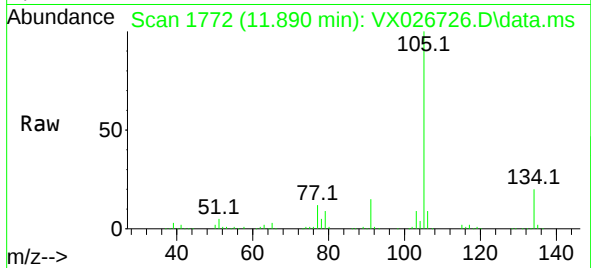
#81
 sec-Butylbenzene
 Concen: 20.860 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX026726.D
 Acq: 02 Feb 2022 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion:105 Resp: 103370
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 40.4

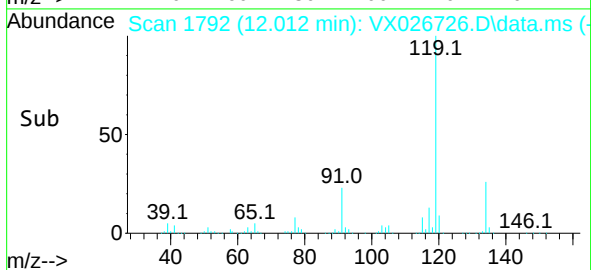
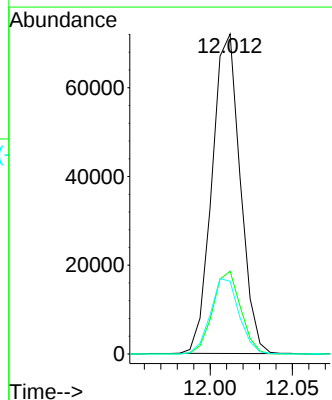
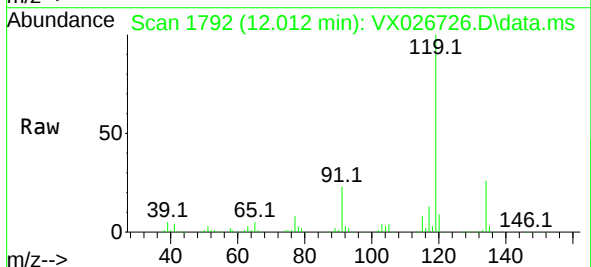
Manual Integrations
 APPROVED

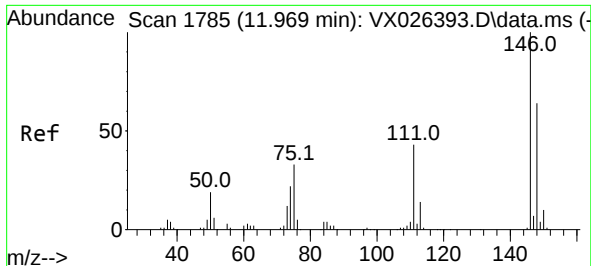
Reviewed By :John Carlone 02/03/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#82
 p-Isopropyltoluene
 Concen: 20.525 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX026726.D
 Acq: 02 Feb 2022 10:31

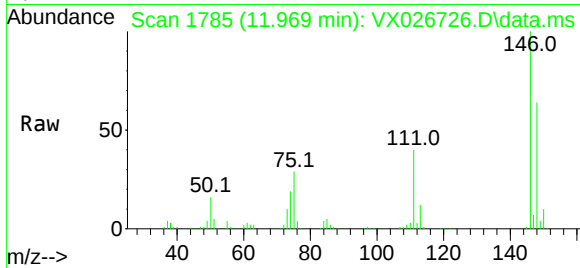
Tgt Ion:119 Resp: 85919
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 50.8
 91 24.0 0.0 50.2





#83
1,3-Dichlorobenzene
Concen: 20.511 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

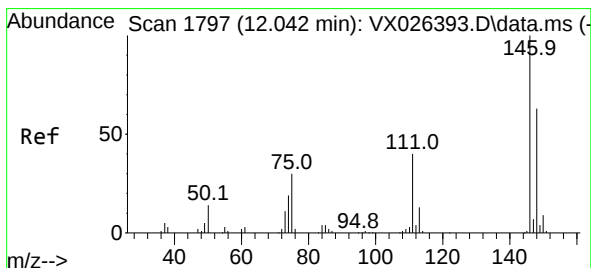
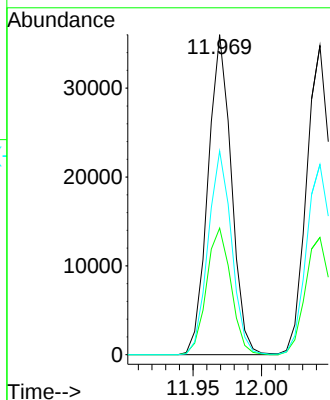
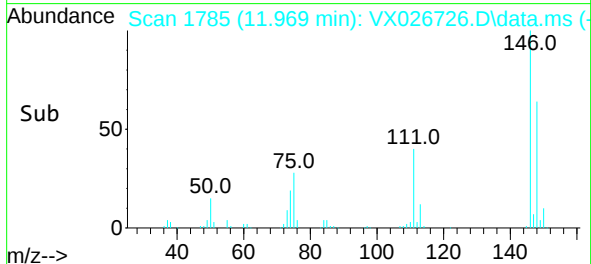
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



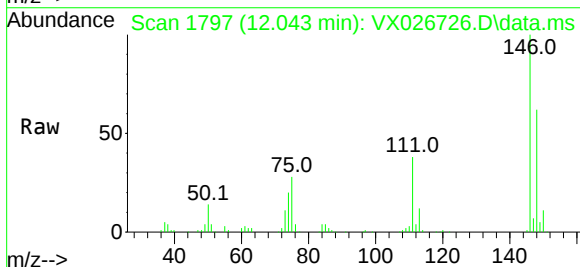
Tgt Ion:146 Resp: 4275
Ion Ratio Lower Upper
146 100
111 41.2 21.3 64.0
148 63.9 32.0 96.0

Manual Integrations
APPROVED

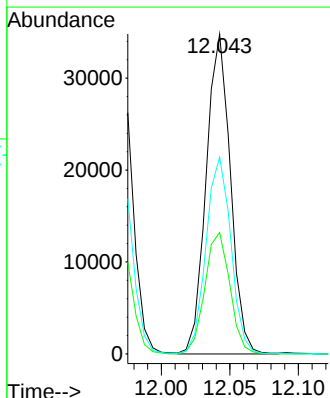
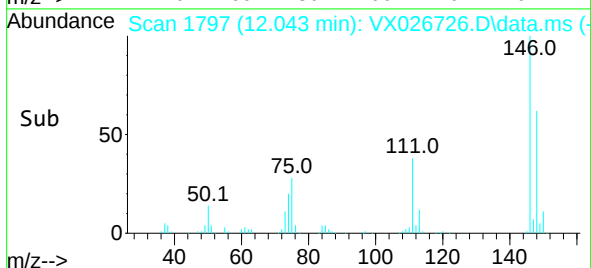
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

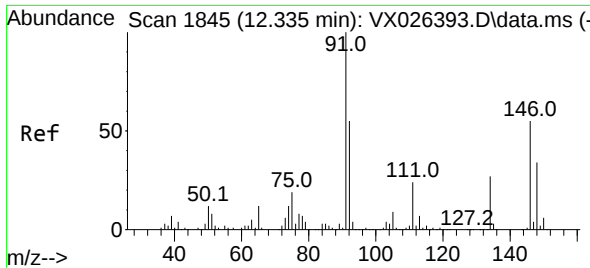


#84
1,4-Dichlorobenzene
Concen: 20.505 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31



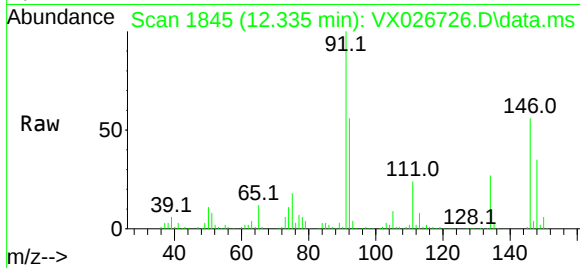
Tgt Ion:146 Resp: 42826
Ion Ratio Lower Upper
146 100
111 39.3 20.0 60.0
148 63.1 31.6 94.7





#85
n-Butylbenzene
Concen: 20.090 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

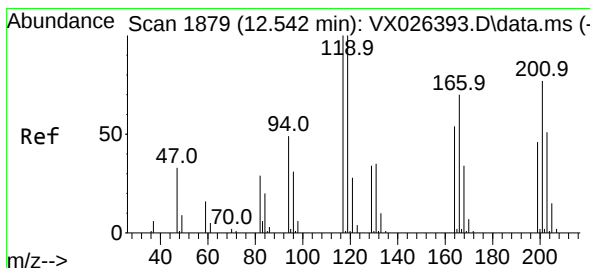
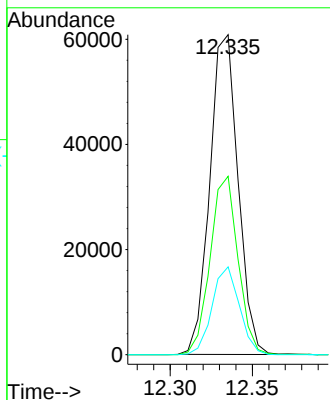
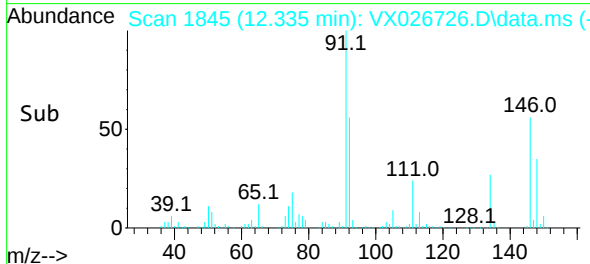
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 72784
Ion Ratio Lower Upper
91 100
92 55.0 0.0 109.4
134 26.5 0.0 52.6

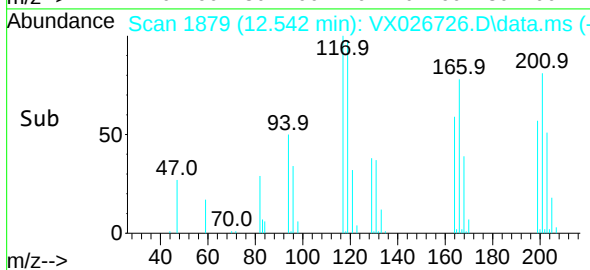
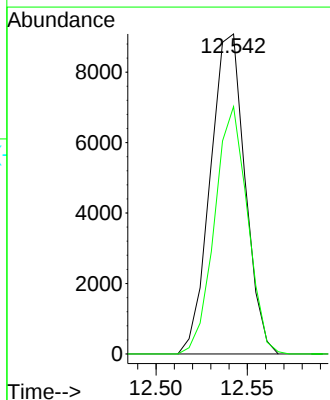
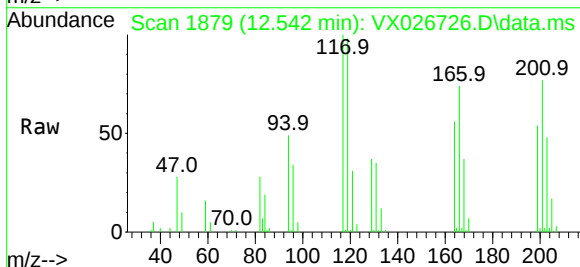
Manual Integrations
APPROVED

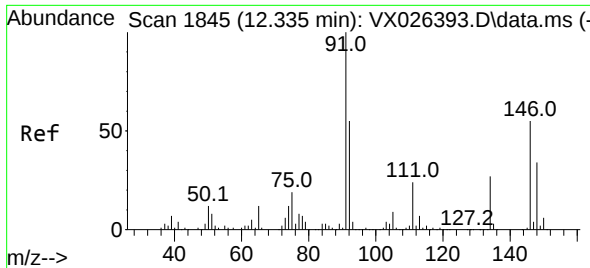
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#86
Hexachloroethane
Concen: 19.010 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

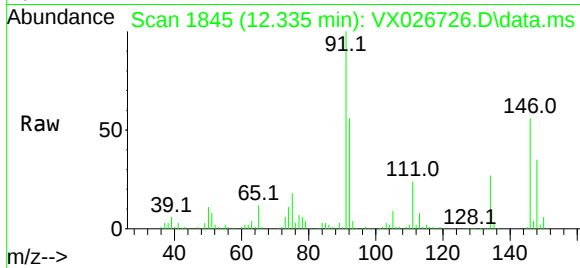
Tgt Ion:117 Resp: 12014
Ion Ratio Lower Upper
117 100
201 73.2 36.3 108.7





#87
1,2-Dichlorobenzene
Concen: 20.497 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

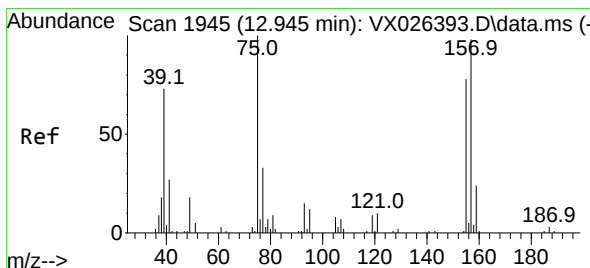
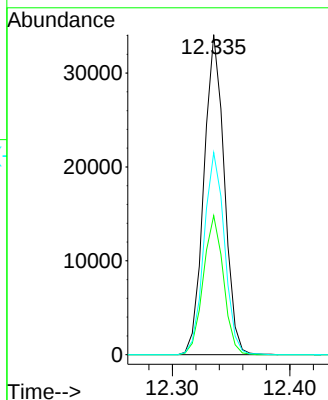
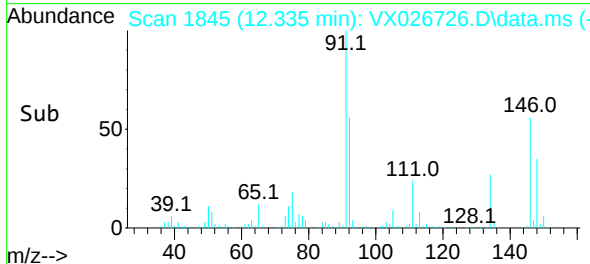
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



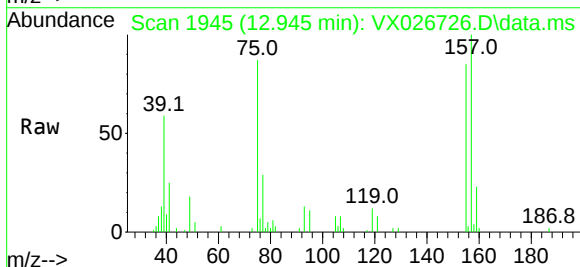
Tgt Ion:146 Resp: 4105
Ion Ratio Lower Upper
146 100
111 43.0 21.9 65.8
148 63.8 31.6 94.7

Manual Integrations
APPROVED

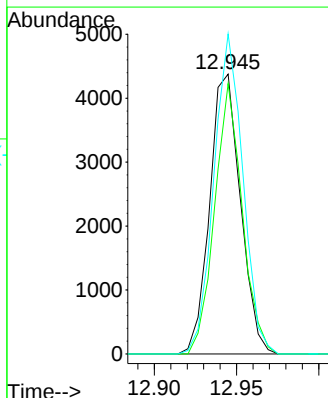
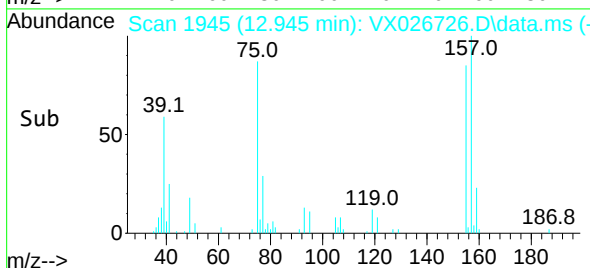
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022

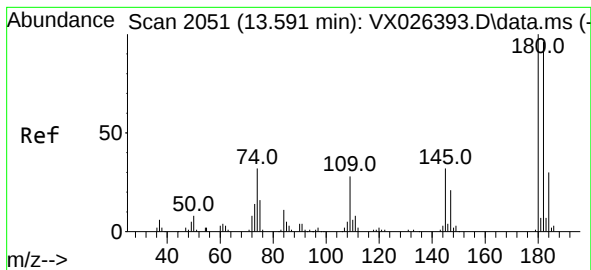


#88
1,2-Dibromo-3-Chloropropane
Concen: 16.728 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31



Tgt Ion: 75 Resp: 5691
Ion Ratio Lower Upper
75 100
155 86.5 65.4 98.0
157 107.9 82.1 123.1





#89

1,2,4-Trichlorobenzene

Concen: 19.747 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX026726.D

Acq: 02 Feb 2022 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

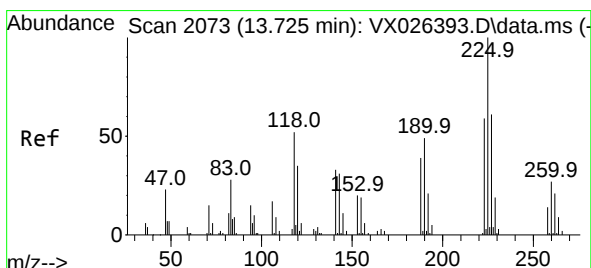
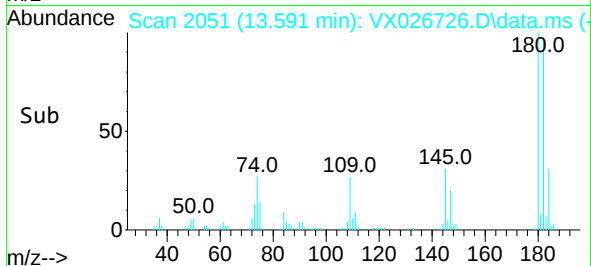
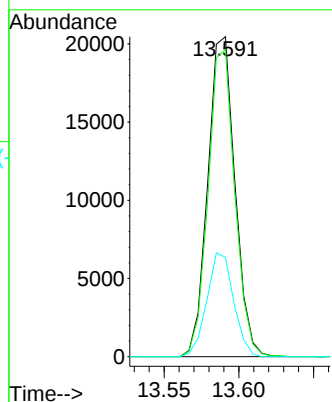
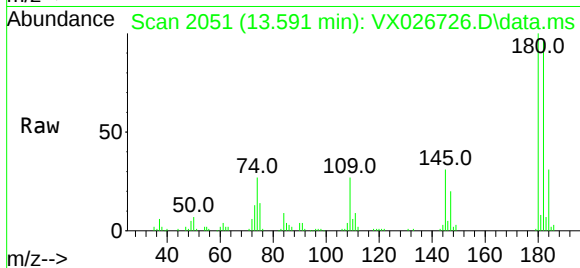
Tgt Ion:	180	Resp:	25890
Ion Ratio	Lower	Upper	
180	100		
182	94.1	75.8	113.8
145	31.9	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/04/2022



#90

Hexachlorobutadiene

Concen: 20.593 ug/l

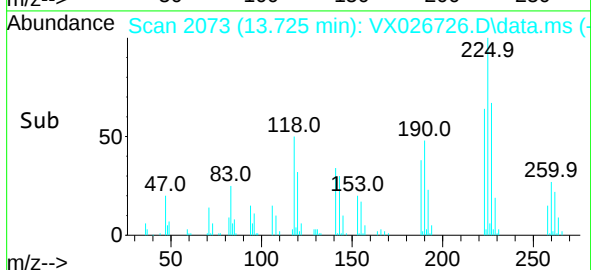
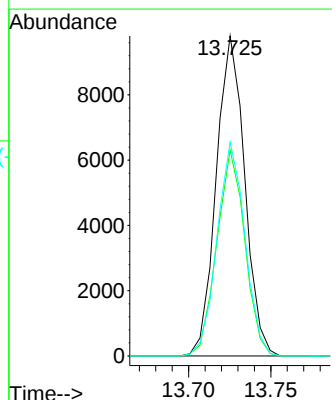
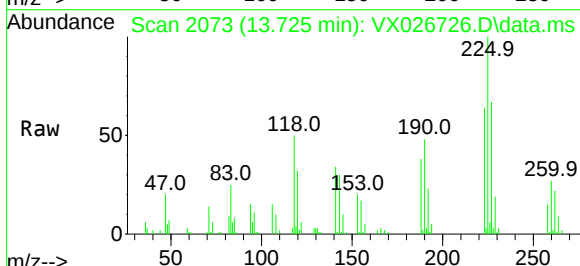
RT: 13.725 min Scan# 2073

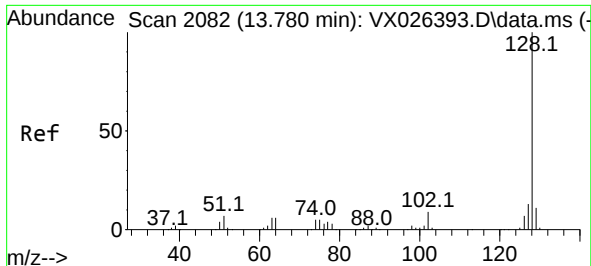
Delta R.T. 0.000 min

Lab File: VX026726.D

Acq: 02 Feb 2022 10:31

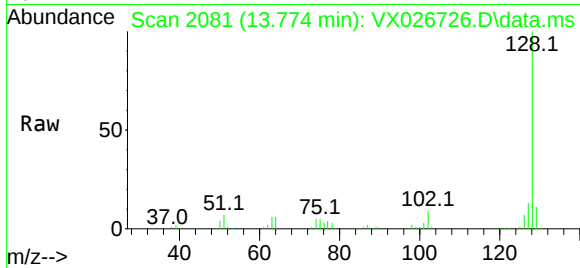
Tgt Ion:	225	Resp:	11784
Ion Ratio	Lower	Upper	
225	100		
223	63.2	0.0	121.6
227	65.7	0.0	122.8





#91
Naphthalene
Concen: 18.887 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31

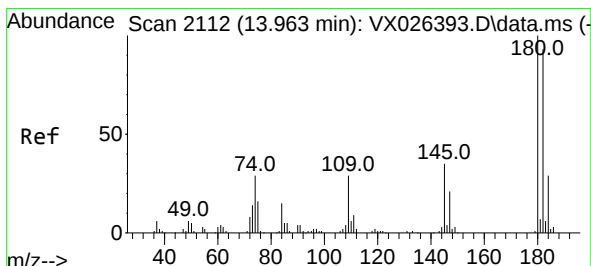
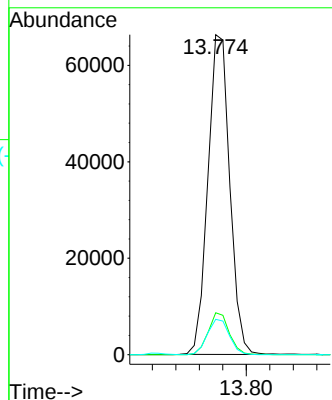
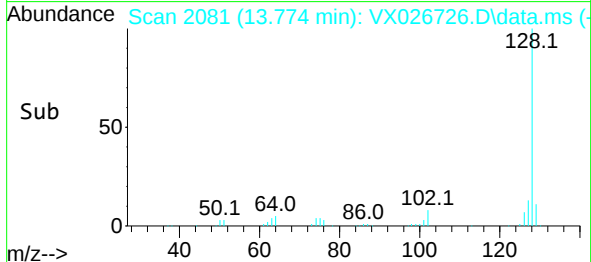
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



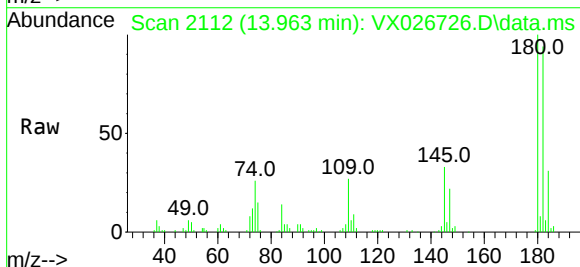
Tgt Ion:128 Resp: 8560
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 11.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/04/2022



#92
1,2,3-Trichlorobenzene
Concen: 19.819 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX026726.D
Acq: 02 Feb 2022 10:31



Tgt Ion:180 Resp: 25846
Ion Ratio Lower Upper
180 100
182 95.6 0.0 187.4
145 33.9 0.0 70.2

